

# APPENDIX A – 43

## *2021 TIP Detail*

### Fund Code Description



**2021 TIP**  
**Fund Code Description**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
1064-T2-FERRY-D	Section 1064 - TEA21 - Ferry Boat Discretionary	1064	FEDERAL	TEA21
1064-T3-FERRY-D	Section 1064 - SAFETEA-LU - Ferry Boat Discretionary	1064	FEDERAL	SAFETEA-LU
1064-T3-FERRY-D-UPP	Section 1064 - SAFETEA-LU - Ferry Boat Discretionary - Urban Partnership Program	1064	FEDERAL	SAFETEA-LU
5208-T2-ITS	Section 5208 - TEA21 - Intelligent Transportation System	5208	FEDERAL	TEA21
5303-T3-MP	Metropolitan Planning Program - SAFETEA-LU	5303	FEDERAL	SAFETEA-LU
5307-ARRA-SFO	Urbanized Area Formula Program - ARRA - San Francisco/Oakland Share	5307	FEDERAL	ARRA
5307-CARES-ANT	Urbanized Area Formula Program - CARES - Antioch Share	5307	FEDERAL	CARES
5307-CARES-CON	Urbanized Area Formula Program - CARES - Concord Share	5307	FEDERAL	CARES
5307-CARES-FAI	Urbanized Area Formula Program - CARES - Fairfield Share	5307	FEDERAL	CARES
5307-CARES-GMH	Urbanized Area Formula Program - CARES – Gilroy/Morgan Hill Share	5307	FEDERAL	CARES
5307-CARES-LIV	Urbanized Area Formula Program - CARES - Livermore Share	5307	FEDERAL	CARES
5307-CARES-NAP	Urbanized Area Formula Program - CARES - Napa Share	5307	FEDERAL	CARES
5307-CARES-PET	Urbanized Area Formula Program - CARES - Petaluma Share	5307	FEDERAL	CARES
5307-CARES-SFO	Urbanized Area Formula Program - CARES - San Francisco/Oakland Share	5307	FEDERAL	CARES
5307-CARES-SJO	Urbanized Area Formula Program - CARES - San Jose Share	5307	FEDERAL	CARES
5307-CARES-SRO	Urbanized Area Formula Program - CARES – Santa Rosa Share	5307	FEDERAL	CARES
5307-CARES-VAC	Urbanized Area Formula Program - CARES - Vacaville Share	5307	FEDERAL	CARES
5307-CARES-VAL	Urbanized Area Formula Program - CARES - Vallejo Share	5307	FEDERAL	CARES
5307-T5-LIFE-GMH	Urbanized Area Formula Program - FAST – Lifeline Transportation Program - Gilroy/Morgan Hill Share	5307	FEDERAL	FAST
5307-T5-LIFE-PET	Urbanized Area Formula Program - FAST – Lifeline Transportation Program - Petaluma Share	5307	FEDERAL	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>	
5307-T5-LIFE-SFO	Urbanized Area Formula Program - FAST – Lifeline Transportation Program - San Francisco/Oakland Share	5307	FEDERAL	FAST	
5307-T5-LIFE-SJO	Urbanized Area Formula Program - FAST – Lifeline Transportation Program - San Jose Share	5307	FEDERAL	FAST	
5307-T5-LIFE-SRO	Urbanized Area Formula Program - FAST – Lifeline Transportation Program - Santa Rosa Share	5307	FEDERAL	FAST	
5307-T5-LIFE-VAL	Urbanized Area Formula Program - FAST – Lifeline Transportation Program - Vallejo Share	5307	FEDERAL	FAST	FEDERAL
5307-T5-LIFE-VAR	Urbanized Area Formula Program - FAST – Lifeline Transportation Program - Various	5307	FEDERAL	FAST	
5307-T2-CAP-ANT	Urbanized Area Formula Program - TEA21 - Capital - Antioch Share	5307	FEDERAL	TEA21	
5307-T2-CAP-PET	Urbanized Area Formula Program - TEA21 - Capital - Petaluma Share	5307	FEDERAL	TEA21	
5307-T2-CAP-VAC	Urbanized Area Formula Program - TEA21 - Capital - Vacaville Share	5307	FEDERAL	TEA21	
5307-T2-OP-FAI	Urbanized Area Formula Program - TEA21 - Operating - Fairfield Share	5307	FEDERAL	TEA21	
5307-T2-OP-NAP	Urbanized Area Formula Program - TEA21 - Operating - Napa Share	5307	FEDERAL	TEA21	
5307-T3-CAP	Urbanized Area Formula Program - SAFETEA-LU - Capital	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU	
5307-T3-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU	



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T3-CAP-SR	Urbanized Area Formula Program - SAFETEA-LU - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU
5307-T3-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-ANT	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - Antioch Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-CON	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - Concord Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-SFO	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU
5307-T3-ENH-SR	Urbanized Area Formula Program - SAFETEA-LU - Transit Enhancements - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-FAI	Urbanized Area Formula Program - SAFETEA-LU - Operating - Fairfield Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-NAP	Urbanized Area Formula Program - SAFETEA-LU - Operating - Napa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-SR	Urbanized Area Formula Program - SAFETEA-LU - Operating - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-VAC	Urbanized Area Formula Program - SAFETEA-LU - Operating - Vacaville Share	5307	FEDERAL	SAFETEA-LU
5307-T3-OP-VAL	Urbanized Area Formula Program - SAFETEA-LU - Operating - Vallejo Share	5307	FEDERAL	SAFETEA-LU
5307-T4-10-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU Extension

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T4-10-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-SRO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-10-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU Extension - 2010 - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-SRO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-11-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU Extension - 2011 - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-ANT	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Antioch Share	5307	FEDERAL	SAFETEA-LU Extension



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T4-12-CAP-CON	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Concord Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-FAI	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Fairfield Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-GMH	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-LIV	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Livermore Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-NAP	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Napa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-PET	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Petaluma Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-SFO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - San Francisco/Oakland Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-SJO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - San Jose Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-SRO	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Santa Rosa Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-12-CAP-VAC	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Vacaville Share	5307	FEDERAL	SAFETEA-LU-Extension
5307-T4-12-CAP-VAL	Urbanized Area Formula Program - SAFETEA-LU Extension - 2012 - Capital - Vallejo Share	5307	FEDERAL	SAFETEA-LU Extension
5307-T4-13-CAP-ANT	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Antioch Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-CON	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Concord Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-FAI	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Fairfield Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-GMH	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-LIV	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Livermore Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-NAP	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Napa Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-PET	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Petaluma Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-SFO	Urbanized Area Formula Program - MAP21 - 2013 - Capital - San Francisco/Oakland Share	5307	FEDERAL	MAP21



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T4-13-CAP-SJO	Urbanized Area Formula Program - MAP21 - 2013 - Capital - San Jose Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-SRO	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Santa Rosa Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-VAC	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Vacaville Share	5307	FEDERAL	MAP21
5307-T4-13-CAP-VAL	Urbanized Area Formula Program - MAP21 - 2013 - Capital - Vallejo Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-ANT	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Antioch Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-CON	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Concord Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-FAI	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Fairfield Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-GMH	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-LIV	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Livermore Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-NAP	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Napa Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-PET	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Petaluma Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-SFO	Urbanized Area Formula Program - MAP21 - 2014 - Capital - San Francisco/Oakland Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-SJO	Urbanized Area Formula Program - MAP21 - 2014 - Capital - San Jose Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-SRO	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Santa Rosa Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-VAC	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Vacaville Share	5307	FEDERAL	MAP21
5307-T4-14-CAP-VAL	Urbanized Area Formula Program - MAP21 - 2014 - Capital - Vallejo Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-ANT	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Antioch Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-CON	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Concord Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-FAI	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Fairfield Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-GMH	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-LIV	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Livermore Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-NAP	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Napa Share	5307	FEDERAL	MAP21



**2021 TIP  
Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T4-15-CAP-PET	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Petaluma Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-SFO	Urbanized Area Formula Program - MAP21 - 2015 - Capital - San Francisco Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-SJO	Urbanized Area Formula Program - MAP21 - 2015 - Capital - San Jose Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-SRO	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Santa Rosa Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-VAC	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Vacaville Share	5307	FEDERAL	MAP21
5307-T4-15-CAP-VAL	Urbanized Area Formula Program - MAP21 - 2015 - Capital - Vallejo Share	5307	FEDERAL	MAP21
5307-T4-LIFE-ANT	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Antioch Share	5307	FEDERAL	MAP21
5307-T4-LIFE-CON	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Concord Share	5307	FEDERAL	MAP21
5307-T4-LIFE-FAI	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Fairfield Share	5307	FEDERAL	MAP21
5307-T4-LIFE-GMH	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Gilroy/Morgan Hill Share	5307	FEDERAL	MAP21
5307-T4-LIFE-LIV	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Livermore Share	5307	FEDERAL	MAP21
5307-T4-LIFE-NAP	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Napa Share	5307	FEDERAL	MAP21
5307-T4-LIFE-PET	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Petaluma Share	5307	FEDERAL	MAP21
5307-T4-LIFE-SFO	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - San Francisco Share	5307	FEDERAL	MAP21
5307-T4-LIFE-SJO	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - San Jose Share	5307	FEDERAL	MAP21
5307-T4-LIFE-SRO	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Santa Rosa Share	5307	FEDERAL	MAP21
5307-T4-LIFE-VAC	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Vacaville Share	5307	FEDERAL	MAP21





**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T4-LIFE-VAL	Urbanized Area Formula Program - MAP21 - Lifeline Transportation Program - Vallejo Share	5307	FEDERAL	MAP21
5307-T5-16-CAP-ANT	Urbanized Area Formula Program - FAST - 2016 - Capital - Antioch Share	5307	FEDERAL	FAST
5307-T5-16-CAP-CON	Urbanized Area Formula Program - FAST - 2016 - Capital - Concord Share	5307	FEDERAL	FAST
5307-T5-16-CAP-FAI	Urbanized Area Formula Program - FAST - 2016 - Capital - Fairfield Share	5307	FEDERAL	FAST
5307-T5-16-CAP-GMH	Urbanized Area Formula Program - FAST - 2016 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	FAST
5307-T5-16-CAP-LIV	Urbanized Area Formula Program - FAST - 2016 - Capital - Livermore Share	5307	FEDERAL	FAST
5307-T5-16-CAP-NAP	Urbanized Area Formula Program - FAST - 2016 - Capital - Napa Share	5307	FEDERAL	FAST
5307-T5-16-CAP-PET	Urbanized Area Formula Program - FAST - 2016 - Capital - Petaluma Share	5307	FEDERAL	FAST
5307-T5-16-CAP-SFO	Urbanized Area Formula Program - FAST - 2016 - Capital - San Francisco/Oakland Share	5307	FEDERAL	FAST
5307-T5-16-CAP-SJO	Urbanized Area Formula Program - FAST - 2016 - Capital - San Jose Share	5307	FEDERAL	FAST
5307-T5-16-CAP-SRO	Urbanized Area Formula Program - FAST - 2016 - Capital - Santa Rosa Share	5307	FEDERAL	FAST
5307-T5-16-CAP-VAC	Urbanized Area Formula Program - FAST - 2016 - Capital - Vacaville Share	5307	FEDERAL	FAST
5307-T5-16-CAP-VAL	Urbanized Area Formula Program - FAST - 2016 - Capital - Vallejo Share	5307	FEDERAL	FAST
5307-T5-17-CAP-ANT	Urbanized Area Formula Program - FAST - 2017 - Capital - Antioch Share	5307	FEDERAL	FAST
5307-T5-17-CAP-CON	Urbanized Area Formula Program - FAST - 2017 - Capital - Concord Share	5307	FEDERAL	FAST
5307-T5-17-CAP-FAI	Urbanized Area Formula Program - FAST - 2017 - Capital - Fairfield Share	5307	FEDERAL	FAST
5307-T5-17-CAP-GMH	Urbanized Area Formula Program - FAST - 2017 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	FAST
5307-T5-17-CAP-LIV	Urbanized Area Formula Program - FAST - 2017 - Capital - Livermore Share	5307	FEDERAL	FAST
5307-T5-17-CAP-NAP	Urbanized Area Formula Program - FAST - 2017 - Capital - Napa Share	5307	FEDERAL	FAST
5307-T5-17-CAP-PET	Urbanized Area Formula Program - FAST - 2017 - Capital - Petaluma Share	5307	FEDERAL	FAST
5307-T5-17-CAP-SFO	Urbanized Area Formula Program - FAST - 2017 - Capital - San Francisco/Oakland Share	5307	FEDERAL	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T5-17-CAP-SJO	Urbanized Area Formula Program - FAST - 2017 - Capital - San Jose Share	5307	FEDERAL	FAST
5307-T5-17-CAP-SRO	Urbanized Area Formula Program - FAST - 2017 - Capital – Santa Rosa Share	5307	FEDERAL	FAST
5307-T5-17-CAP-VAC	Urbanized Area Formula Program - FAST - 2017 - Capital - Vacaville Share	5307	FEDERAL	FAST
5307-T5-17-CAP-VAL	Urbanized Area Formula Program - FAST - 2017 - Capital - Vallejo Share	5307	FEDERAL	FAST
5307-T5-18-CAP-ANT	Urbanized Area Formula Program - FAST - 2018 - Capital - Antioch Share	5307	FEDERAL	FAST
5307-T5-18-CAP-CON	Urbanized Area Formula Program - FAST - 2018 - Capital - Concord Share	5307	FEDERAL	FAST
5307-T5-18-CAP-FAI	Urbanized Area Formula Program - FAST - 2018 - Capital - Fairfield Share	5307	FEDERAL	FAST
5307-T5-18-CAP-GMH	Urbanized Area Formula Program - FAST - 2018 - Capital – Gilroy/Morgan Hill Share	5307	FEDERAL	FAST
5307-T5-18-CAP-LIV	Urbanized Area Formula Program - FAST - 2018 - Capital - Livermore Share	5307	FEDERAL	FAST
5307-T5-18-CAP-NAP	Urbanized Area Formula Program - FAST - 2018 - Capital - Napa Share	5307	FEDERAL	FAST
5307-T5-18-CAP-PET	Urbanized Area Formula Program - FAST - 2018 - Capital - Petaluma Share	5307	FEDERAL	FAST
5307-T5-18-CAP-SFO	Urbanized Area Formula Program - FAST - 2018 - Capital - San Francisco/Oakland Share	5307	FEDERAL	FAST
5307-T5-18-CAP-SJO	Urbanized Area Formula Program - FAST - 2018 - Capital - San Jose Share	5307	FEDERAL	FAST
5307-T5-18-CAP-SRO	Urbanized Area Formula Program - FAST - 2018 - Capital – Santa Rosa Share	5307	FEDERAL	FAST
5307-T5-18-CAP-VAC	Urbanized Area Formula Program - FAST - 2018 - Capital - Vacaville Share	5307	FEDERAL	FAST
5307-T5-18-CAP-VAL	Urbanized Area Formula Program - FAST - 2018 - Capital - Vallejo Share	5307	FEDERAL	FAST
5307-T5-19-CAP-ANT	Urbanized Area Formula Program - FAST - 2019 - Capital - Antioch Share	5307	FEDERAL	FAST
5307-T5-19-CAP-CON	Urbanized Area Formula Program - FAST - 2019 - Capital - Concord Share	5307	FEDERAL	FAST
5307-T5-19-CAP-FAI	Urbanized Area Formula Program - FAST - 2019 - Capital - Fairfield Share	5307	FEDERAL	FAST
5307-T5-19-CAP-GMH	Urbanized Area Formula Program - FAST - 2019 - Capital – Gilroy/Morgan Hill Share	5307	FEDERAL	FAST
5307-T5-19-CAP-LIV	Urbanized Area Formula Program - FAST - 2019 - Capital - Livermore Share	5307	FEDERAL	FAST
5307-T5-19-CAP-NAP	Urbanized Area Formula Program - FAST - 2019 - Capital - Napa Share	5307	FEDERAL	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5307-T5-19-CAP-PET	Urbanized Area Formula Program - FAST - 2019 - Capital - Petaluma Share	5307	FEDERAL	FAST
5307-T5-19-CAP-SFO	Urbanized Area Formula Program - FAST - 2019 - Capital - San Francisco/Oakland Share	5307	FEDERAL	FAST
5307-T5-19-CAP-SJO	Urbanized Area Formula Program - FAST - 2019 - Capital - San Jose Share	5307	FEDERAL	FAST
5307-T5-19-CAP-SRO	Urbanized Area Formula Program - FAST - 2019 - Capital - Santa Rosa Share	5307	FEDERAL	FAST
5307-T5-19-CAP-VAC	Urbanized Area Formula Program - FAST - 2019 - Capital - Vacaville Share	5307	FEDERAL	FAST
5307-T5-19-CAP-VAL	Urbanized Area Formula Program - FAST - 2019 - Capital - Vallejo Share	5307	FEDERAL	FAST
5307-T5-20-CAP-ANT	Urbanized Area Formula Program - FAST - 2020 - Capital - Antioch Share	5307	FEDERAL	FAST
5307-T5-20-CAP-CON	Urbanized Area Formula Program - FAST - 2020 - Capital - Concord Share	5307	FEDERAL	FAST
5307-T5-20-CAP-FAI	Urbanized Area Formula Program - FAST - 2020 - Capital - Fairfield Share	5307	FEDERAL	FAST
5307-T5-20-CAP-GMH	Urbanized Area Formula Program - FAST - 2020 - Capital - Gilroy/Morgan Hill Share	5307	FEDERAL	FAST
5307-T5-20-CAP-LIV	Urbanized Area Formula Program - FAST - 2020 - Capital - Livermore Share	5307	FEDERAL	FAST
5307-T5-20-CAP-NAP	Urbanized Area Formula Program - FAST - 2020 - Capital - Napa Share	5307	FEDERAL	FAST
5307-T5-20-CAP-PET	Urbanized Area Formula Program - FAST - 2020 - Capital - Petaluma Share	5307	FEDERAL	FAST
5307-T5-20-CAP-SFO	Urbanized Area Formula Program - FAST - 2020 - Capital - San Francisco/Oakland Share	5307	FEDERAL	FAST
5307-T5-20-CAP-SJO	Urbanized Area Formula Program - FAST - 2020 - Capital - San Jose Share	5307	FEDERAL	FAST
5307-T5-20-CAP-SRO	Urbanized Area Formula Program - FAST - 2020 - Capital - Santa Rosa Share	5307	FEDERAL	FAST
5307-T5-20-CAP-VAC	Urbanized Area Formula Program - FAST - 2020 - Capital - Vacaville Share	5307	FEDERAL	FAST
5307-T5-20-CAP-VAL	Urbanized Area Formula Program - FAST - 2020 - Capital - Vallejo Share	5307	FEDERAL	FAST
5308-T3-CFGP	Clean Fuels Grant Program - SAFETEA-LU	5307	FEDERAL	FAST
5309-T2-FG	Fixed Guideway Formula - TEA21	5309	FEDERAL	TEA21
5309-T2-FG-ANT	Fixed Guideway Formula - TEA21 - Antioch Share	5309	FEDERAL	TEA21
5309-T2-FG-CON	Fixed Guideway Formula - TEA21 - Concord Share	5309	FEDERAL	TEA21



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5309-T3-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU	5309	FEDERAL	SAFETEA-LU
5309-T3-FG	Fixed Guideway Formula - SAFETEA-LU	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-ANT	Fixed Guideway Formula - SAFETEA-LU - Antioch Share	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-CON	Fixed Guideway Formula - SAFETEA-LU - Concord Share	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-REG	Fixed Guideway Formula - SAFETEA-LU - Regional Share	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-SFO	Fixed Guideway Formula - SAFETEA-LU - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU
5309-T3-FG-SJO	Fixed Guideway Formula - SAFETEA-LU - San Jose Share	5309	FEDERAL	SAFETEA-LU
5309-T3-NRS	New Rail Starts Discretionary - SAFETEA-LU	5309	FEDERAL	SAFETEA-LU
5309-T3-SS	Small Starts Discretionary - SAFETEA-LU	5309	FEDERAL	SAFETEA-LU
5309-T4-10-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU Extension - 2010	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-ANT	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - Antioch Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-CON	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - Concord Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-SFO	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-10-FG-SJO	Fixed Guideway Formula - SAFETEA-LU Extension - 2010 - San Jose Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU Extension - 2011	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-ANT	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - Antioch Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-CON	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - Concord Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-SFO	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-11-FG-SJO	Fixed Guideway Formula - SAFETEA-LU Extension - 2011 - San Jose Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-BUS	Bus Earmark - formerly Section 3 - SAFETEA-LU Extension - 2012	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-FG-ANT	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - Antioch Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-FG-CON	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - Concord Share	5309	FEDERAL	SAFETEA-LU Extension



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5309-T4-12-FG-SFO	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - San Francisco/Oakland Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T4-12-FG-SJO	Fixed Guideway Formula - SAFETEA-LU Extension - 2012 - San Jose Share	5309	FEDERAL	SAFETEA-LU Extension
5309-T5-CC	FTA - Core Capacity Discretionary - FAST	5309	FEDERAL	FAST
5309-T5-SS	FTA - Small Starts Discretionary - FAST	5309	FEDERAL	FAST
5310-T3-EPD	Elderly and Persons with Disabilities Program - SAFETEA-LU	5310	FEDERAL	SAFETEA-LU
5310-T4-EPD	Elderly and Persons with Disabilities Program - MAP21	5310	FEDERAL	MAP21
5310-T5-EPD	Elderly and Persons with Disabilities Program - MAP21	5310	FEDERAL	MAP21
5311F-T3-NON	Non-Urbanized Area Formula Program - Intercity Bus - SAFETEA-LU	5311F	FEDERAL	SAFETEA-LU
5311F-T4-NON	Non-Urbanized Area Formula Program - Intercity Bus - MAP21	5311F	FEDERAL	MAP21
5311F-T5-NON	Non-Urbanized Area Formula Program - Intercity Bus - MAP21	5311F	FEDERAL	FAST
5311-CARES-NON	Non-Urbanized Area Formula Program - CARES	5311	FEDERAL	CARES
5311-T3-NON	Non-Urbanized Area Formula Program - SAFETEA-LU	5311	FEDERAL	SAFETEA-LU
5311-T4-NON	Non-Urbanized Area Formula Program - MAP21	5311	FEDERAL	MAP21
5311-T5-NON	Non-Urbanized Area Formula Program - MAP21	5311	FEDERAL	FAST
5316-T3-JARC	Job Access and Reverse Commute - SAFETEA-LU	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-ANT	Job Access and Reverse Commute - SAFETEA-LU - Antioch Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-CON	Job Access and Reverse Commute - SAFETEA-LU - Concord Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-SFO	Job Access and Reverse Commute - SAFETEA-LU - San Francisco/Oakland Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-SJO	Job Access and Reverse Commute - SAFETEA-LU - San Jose Share	5316	FEDERAL	SAFETEA-LU
5316-T3-JARC-SR	Job Access and Reverse Commute - SAFETEA-LU - Santa Rosa Share	5316	FEDERAL	SAFETEA-LU
5317-T3-NFP	New Freedom Program - SAFETEA-LU	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-ANT	New Freedom Program - SAFETEA-LU - Antioch Share	5317	FEDERAL	SAFETEA-LU



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5317-T3-NFP-CON	New Freedom Program - SAFETEA-LU - Concord Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-SFO	New Freedom Program - SAFETEA-LU - San Francisco/Oakland Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-SJO	New Freedom Program - SAFETEA-LU - San Jose Share	5317	FEDERAL	SAFETEA-LU
5317-T3-NFP-SR	New Freedom Program - SAFETEA-LU - Santa Rosa Share	5317	FEDERAL	SAFETEA-LU
5337-T4-13-FG-ANT	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	MAP21
5337-T4-13-FG-CON	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	MAP21
5337-T4-13-FG-SFO	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	MAP21
5337-T4-13-FG-SJO	State of Good Repair Program - MAP21 - 2013 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	MAP21
5337-T4-13-HIM-SJO	State of Good Repair Program - MAP21 - 2013 - High-Intensity Motorbus - San Jose Share	5337	FEDERAL	MAP21
5337-T4-14-FG-ANT	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	MAP21
5337-T4-14-FG-CON	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	MAP21
5337-T4-14-FG-SFO	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	MAP21
5337-T4-14-FG-SJO	State of Good Repair Program - MAP21 - 2014 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	MAP21
5337-T4-14-HIM-SJO	State of Good Repair Program - MAP21 - 2014 - High-Intensity Motorbus - San Jose Share	5337	FEDERAL	MAP21
5337-T4-15-FG-ANT	State of Good Repair Program - MAP21 - 2015 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	MAP21
5337-T4-15-FG-CON	State of Good Repair Program - MAP21 - 2015 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	MAP21



**2021 TIP  
Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5337-T4-15-FG-SFO	State of Good Repair Program - MAP21 - 2015 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	MAP21
5337-T4-15-FG-SJO	State of Good Repair Program - MAP21 - 2015 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	MAP21
5337-T5-16-FG-ANT	State of Good Repair Program - FAST - 2016 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	FAST
5337-T5-16-FG-CON	State of Good Repair Program - FAST - 2016 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	FAST
5337-T5-16-FG-SFO	State of Good Repair Program - FAST - 2016 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	FAST
5337-T5-16-FG-SJO	State of Good Repair Program - FAST - 2016 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	FAST
5337-T5-16-HIM-ANT	State of Good Repair Program - FAST - 2016 - High-Intensity Motorbus - Antioch Share	5337	FEDERAL	FAST
5337-T5-17-FG-ANT	State of Good Repair Program - FAST - 2017 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	FAST
5337-T5-17-FG-CON	State of Good Repair Program - FAST - 2017 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	FAST
5337-T5-17-FG-SFO	State of Good Repair Program - FAST - 2017 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	FAST
5337-T5-17-FG-SJO	State of Good Repair Program - FAST - 2017 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	FAST
5337-T5-17-HIM-ANT	State of Good Repair Program - FAST - 2017 - High-Intensity Motorbus - Antioch Share	5337	FEDERAL	FAST
5337-T5-17-HIM-SJO	State of Good Repair Program - FAST - 2017 - High-Intensity Motorbus - San Jose Share	5337	FEDERAL	FAST
5337-T5-18-FG-ANT	State of Good Repair Program - FAST - 2018 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	FAST
5337-T5-18-FG-CON	State of Good Repair Program - FAST - 2018 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5337-T5-18-FG-SFO	State of Good Repair Program - FAST - 2018 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	FAST
5337-T5-18-FG-SJO	State of Good Repair Program - FAST - 2018 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	FAST
5337-T5-19-FG-ANT	State of Good Repair Program - FAST - 2019 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	FAST
5337-T5-19-FG-CON	State of Good Repair Program - FAST - 2019 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	FAST
5337-T5-19-FG-SFO	State of Good Repair Program - FAST - 2019 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	FAST
5337-T5-19-FG-SJO	State of Good Repair Program - FAST - 2019 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	FAST
5337-T5-19-HIM-SFO	State of Good Repair Program - FAST - 2019 - High-Intensity Motorbus - San Francisco/Oakland Share	5337	FEDERAL	FAST
5337-T5-19-HIM-SJO	State of Good Repair Program - FAST - 2019 - High-Intensity Motorbus - San Jose Share	5337	FEDERAL	FAST
5337-T5-20-FG-ANT	State of Good Repair Program - FAST - 2020 - High-Intensity Fixed Guideway - Antioch Share	5337	FEDERAL	FAST
5337-T5-20-FG-CON	State of Good Repair Program - FAST - 2020 - High-Intensity Fixed Guideway - Concord Share	5337	FEDERAL	FAST
5337-T5-20-FG-SFO	State of Good Repair Program - FAST - 2020 - High-Intensity Fixed Guideway - San Francisco/Oakland Share	5337	FEDERAL	FAST
5337-T5-20-FG-SJO	State of Good Repair Program - FAST - 2020 - High-Intensity Fixed Guideway - San Jose Share	5337	FEDERAL	FAST
5339-T3	Alternatives Analysis Program - SAFETEA-LU	5339	FEDERAL	SAFETEA-LU
5339-T4-13-ANT	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Antioch Share	5339	FEDERAL	MAP21
5339-T4-13-FAI	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Fairfield Share	5339	FEDERAL	MAP21
5339-T4-13-GMH	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Gilroy/Morgan Hill Share	5339	FEDERAL	MAP21
5339-T4-13-NAP	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Napa Share	5339	FEDERAL	MAP21





**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5339-T4-13-PET	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Petaluma Share	5339	FEDERAL	MAP21
5339-T4-13-SJO	Bus and Bus Facilities Formula Program - MAP21 - 2013 - San Jose Share	5339	FEDERAL	MAP21
5339-T4-13-SRO	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Santa Rosa Share	5339	FEDERAL	MAP21
5339-T4-13-VAC	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Vacaville Share	5339	FEDERAL	MAP21
5339-T4-13-VAL	Bus and Bus Facilities Formula Program - MAP21 - 2013 - Vallejo Share	5339	FEDERAL	MAP21
5339-T4-14-ANT	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Antioch Share	5339	FEDERAL	MAP21
5339-T4-14-CON	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Concord Share	5339	FEDERAL	MAP21
5339-T4-14-FAI	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Fairfield Share	5339	FEDERAL	MAP21
5339-T4-14-GMH	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Gilroy/Morgan Hill Share	5339	FEDERAL	MAP21
5339-T4-14-NAP	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Napa Share	5339	FEDERAL	MAP21
5339-T4-14-PET	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Petaluma Share	5339	FEDERAL	MAP21
5339-T4-14-SFO	Bus and Bus Facilities Formula Program - MAP21 - 2014 - San Francisco/Oakland Share	5339	FEDERAL	MAP21
5339-T4-14-SJO	Bus and Bus Facilities Formula Program - MAP21 - 2014 - San Jose Share	5339	FEDERAL	MAP21
5339-T4-14-SRO	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Santa Rosa Share	5339	FEDERAL	MAP21
5339-T4-14-VAC	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Vacaville Share	5339	FEDERAL	MAP21
5339-T4-14-VAL	Bus and Bus Facilities Formula Program - MAP21 - 2014 - Vallejo Share	5339	FEDERAL	MAP21
5339-T4-15-ANT	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Antioch Share	5339	FEDERAL	MAP21
5339-T4-15-CON	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Concord Share	5339	FEDERAL	MAP21
5339-T4-15-FAI	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Fairfield Share	5339	FEDERAL	MAP21
5339-T4-15-GMH	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Gilroy/Morgan Hill Share	5339	FEDERAL	MAP21
5339-T4-15-LIV	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Livermore Share	5339	FEDERAL	MAP21
5339-T4-15-NAP	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Napa Share	5339	FEDERAL	MAP21



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5339-T4-15-PET	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Petaluma Share	5339	FEDERAL	MAP21
5339-T4-15-SFO	Bus and Bus Facilities Formula Program - MAP21 - 2015 - San Francisco/Oakland Share	5339	FEDERAL	MAP21
5339-T4-15-SJO	Bus and Bus Facilities Formula Program - MAP21 - 2015 - San Jose Share	5339	FEDERAL	MAP21
5339-T4-15-SRO	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Santa Rosa Share	5339	FEDERAL	MAP21
5339-T4-15-VAL	Bus and Bus Facilities Formula Program - MAP21 - 2015 - Vallejo Share	5339	FEDERAL	MAP21
5339-T5-16-ANT	Bus and Bus Facilities Formula Program - FAST - 2016 - Antioch Share	5339	FEDERAL	FAST
5339-T5-16-CON	Bus and Bus Facilities Formula Program - FAST - 2016 - Concord Share	5339	FEDERAL	FAST
5339-T5-16-FAI	Bus and Bus Facilities Formula Program - FAST - 2016 - Fairfield Share	5339	FEDERAL	FAST
5339-T5-16-GMH	Bus and Bus Facilities Formula Program - FAST - 2016 - Gilroy/Morgan Hill Share	5339	FEDERAL	FAST
5339-T5-16-LIV	Bus and Bus Facilities Formula Program - FAST - 2016 - Livermore Share	5339	FEDERAL	FAST
5339-T5-16-NAP	Bus and Bus Facilities Formula Program - FAST - 2016 - Napa Share	5339	FEDERAL	FAST
5339-T5-16-PET	Bus and Bus Facilities Formula Program - FAST - 2016 - Petaluma Share	5339	FEDERAL	FAST
5339-T5-16-SFO	Bus and Bus Facilities Formula Program - FAST - 2016 - San Francisco/Oakland Share	5339	FEDERAL	FAST
5339-T5-16-SJO	Bus and Bus Facilities Formula Program - FAST - 2016 - San Jose Share	5339	FEDERAL	FAST
5339-T5-16-SRO	Bus and Bus Facilities Formula Program - FAST - 2016 - Santa Rosa Share	5339	FEDERAL	FAST
5339-T5-16-VAL	Bus and Bus Facilities Formula Program - FAST - 2016 - Vallejo Share	5339	FEDERAL	FAST
5339-T5-17-FAI	Bus and Bus Facilities Formula Program - FAST - 2017 - Fairfield Share	5339	FEDERAL	FAST
5339-T5-17-GMH	Bus and Bus Facilities Formula Program - FAST - 2017 - Gilroy/Morgan Hill Share	5339	FEDERAL	FAST
5339-T5-17-NAP	Bus and Bus Facilities Formula Program - FAST - 2017 - Napa Share	5339	FEDERAL	FAST
5339-T5-17-PET	Bus and Bus Facilities Formula Program - FAST - 2017 - Petaluma Share	5339	FEDERAL	FAST
5339-T5-17-SFO	Bus and Bus Facilities Formula Program - FAST - 2017 - San Francisco/Oakland Share	5339	FEDERAL	FAST
5339-T5-17-SJO	Bus and Bus Facilities Formula Program - FAST - 2017 - San Jose Share	5339	FEDERAL	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5339-T5-17-SRO	Bus and Bus Facilities Formula Program - FAST - 2017 - Santa Rosa Share	5339	FEDERAL	FAST
5339-T5-17-VAL	Bus and Bus Facilities Formula Program - FAST - 2017 - Vallejo Share	5339	FEDERAL	FAST
5339-T5-18-ANT	Bus and Bus Facilities Formula Program - FAST - 2018 - Antioch Share	5339	FEDERAL	FAST
5339-T5-18-CON	Bus and Bus Facilities Formula Program - FAST - 2018 - Concord Share	5339	FEDERAL	FAST
5339-T5-18-FAI	Bus and Bus Facilities Formula Program - FAST - 2018 - Fairfield Share	5339	FEDERAL	FAST
5339-T5-18-GMH	Bus and Bus Facilities Formula Program - FAST - 2018 – Gilroy/Morgan Hill Share	5339	FEDERAL	FAST
5339-T5-18-LIV	Bus and Bus Facilities Formula Program - FAST - 2018 – Livermore Share	5339	FEDERAL	FAST
5339-T5-18-NAP	Bus and Bus Facilities Formula Program - FAST - 2018 - Napa Share	5339	FEDERAL	FAST
5339-T5-18-PET	Bus and Bus Facilities Formula Program - FAST - 2018 - Petaluma Share	5339	FEDERAL	FAST
5339-T5-18-SFO	Bus and Bus Facilities Formula Program - FAST - 2018 - San Francisco/Oakland Share	5339	FEDERAL	FAST
5339-T5-18-SJO	Bus and Bus Facilities Formula Program - FAST - 2018 - San Jose Share	5339	FEDERAL	FAST
5339-T5-18-SRO	Bus and Bus Facilities Formula Program - FAST - 2018 - Santa Rosa Share	5339	FEDERAL	FAST
5339-T5-18-VAL	Bus and Bus Facilities Formula Program - FAST - 2018 - Vallejo Share	5339	FEDERAL	FAST
5339-T5-19-ANT	Bus and Bus Facilities Formula Program - FAST - 2019 - Antioch Share	5339	FEDERAL	FAST
5339-T5-19-FAI	Bus and Bus Facilities Formula Program - FAST - 2019 - Fairfield Share	5339	FEDERAL	FAST
5339-T5-19-GMH	Bus and Bus Facilities Formula Program - FAST - 2019 – Gilroy/Morgan Hill Share	5339	FEDERAL	FAST
5339-T5-19-LIV	Bus and Bus Facilities Formula Program - FAST - 2019 - Livermore Share	5339	FEDERAL	FAST
5339-T5-19-NAP	Bus and Bus Facilities Formula Program - FAST - 2019 - Napa Share	5339	FEDERAL	FAST
5339-T5-19-PET	Bus and Bus Facilities Formula Program - FAST - 2019 - Petaluma Share	5339	FEDERAL	FAST
5339-T5-19-SFO	Bus and Bus Facilities Formula Program - FAST - 2019 - San Francisco/Oakland Share	5339	FEDERAL	FAST
5339-T5-19-SJO	Bus and Bus Facilities Formula Program - FAST - 2019 - San Jose Share	5339	FEDERAL	FAST
5339-T5-19-SRO	Bus and Bus Facilities Formula Program - FAST - 2019 - Santa Rosa Share	5339	FEDERAL	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
5339-T5-19-VAL	Bus and Bus Facilities Formula Program - FAST - 2019 - Vallejo Share	5339	FEDERAL	FAST
5339-T5-20-FAI	Bus and Bus Facilities Formula Program - FAST - 2020 - Fairfield Share	5339	FEDERAL	FAST
5339-T5-20-GMH	Bus and Bus Facilities Formula Program - FAST - 2020 – Gilroy/Morgan Hill Share	5339	FEDERAL	FAST
5339-T5-20-NAP	Bus and Bus Facilities Formula Program - FAST - 2020 - Napa Share	5339	FEDERAL	FAST
5339-T5-20-PET	Bus and Bus Facilities Formula Program - FAST - 2020 - Petaluma Share	5339	FEDERAL	FAST
5339-T5-20-SFO	Bus and Bus Facilities Formula Program - FAST - 2020 - San Francisco/Oakland Share	5339	FEDERAL	FAST
5339-T5-20-SJO	Bus and Bus Facilities Formula Program - FAST - 2020 - San Jose Share	5339	FEDERAL	FAST
5339-T5-20-SRO	Bus and Bus Facilities Formula Program - FAST - 2020 - Santa Rosa Share	5339	FEDERAL	FAST
5339-T5-20-VAL	Bus and Bus Facilities Formula Program - FAST - 2020 - Vallejo Share	5339	FEDERAL	FAST
5339-T5-FED-DISC	Bus and Bus Facilities Discretionary Program – FAST	5339	FEDERAL	FAST
AB1171-AB144	AB1171 and AB144	AB1171-AB144	STATE	STATE
AC-LOCAL	Advance Construction - Local Funds	AC	LOCAL	LOCAL
AC-STATE-SHOPP	SHOPP Advance Construction	AC	STATE	STATE
AHSC-5-GGRF	Affordable Housing and Sustainable Communities – Cycle 5 – Greenhouse Gas Reduction Fund	AHSC	STATE	GGRF
ATP-REG-T4-1-FED	Active Transportation Program - Regional Share - MAP21 - Cycle 1 - Federal	ATP-REG	STATE	MAP21
ATP-REG-T4-1-ST	Active Transportation Program - Regional Share - MAP21 - Cycle 1 - State	ATP-REG	STATE	MAP21
ATP-REG-T4-2-FED	Active Transportation Program - Regional Share - MAP21 - Cycle 2 - Federal	ATP-REG	STATE	MAP21
ATP-REG-T4-2-ST	Active Transportation Program - Regional Share - MAP21 - Cycle 2 - State	ATP-REG	STATE	MAP21
ATP-REG-T5-3-FED	Active Transportation Program - Regional Share - FAST - Cycle 3 - Federal	ATP	FEDERAL	FAST
ATP-REG-T5-3-ST	Active Transportation Program - Regional Share - FAST - Cycle 3 - State	ATP	STATE	FAST
ATP-REG-T5-4-FED	Active Transportation Program - Regional Share - FAST - Cycle 4 - Federal	ATP	FEDERAL	FAST
ATP-REG-T5-4-ST	Active Transportation Program - Regional Share - FAST - Cycle 4 - State	ATP	STATE	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
ATP-ST-T4-1-FED	Active Transportation Program - State Share - MAP21 - Cycle 1 - Federal	ATP-ST	STATE	MAP21
ATP-ST-T4-1-ST	Active Transportation Program - State Share - MAP21 - Cycle 1 - State	ATP-ST	STATE	MAP21
ATP-ST-T4-2-FED	Active Transportation Program - State Share - MAP21 - Cycle 2 - Federal	ATP-ST	STATE	MAP21
ATP-ST-T4-2-ST	Active Transportation Program - State Share - MAP21 - Cycle 2 - State	ATP-ST	STATE	MAP21
ATP-ST-T5-3-FED	Active Transportation Program - State Share - FAST - Cycle 3 - Federal	ATP	FEDERAL	FAST
ATP-ST-T5-3-ST	Active Transportation Program - State Share - FAST - Cycle 3 - State	ATP	STATE	FAST
ATP-ST-T5-4-FED	Active Transportation Program - State Share - FAST - Cycle 4 - Federal	ATP	FEDERAL	FAST
ATP-ST-T5-4-ST	Active Transportation Program - State Share - FAST - Cycle 4 - State	ATP	STATE	FAST
BT-664	Bridge Toll - AB664	BT	REGIONAL	AB644
BTA	Bridge Toll Account	BTA	STATE	STATE
BT-RM1	Bridge Toll – Regional Measure 1	BT	REGIONAL	Regional Measure 1
BT-RM1-2%-NBG	Bridge Toll - Regional Measure 1 - 2% - Northern Bridge Group	BT	REGIONAL	Regional Measure 1
BT-RM1-2%-SBG	Bridge Toll - Regional Measure 1 - 2% - Southern Bridge Group	BT	REGIONAL	Regional Measure 1
BT-RM1-BR	Bridge Toll - Regional Measure 1 - Bridge	BT	REGIONAL	Regional Measure 1
BT-RM1-TR	Bridge Toll - Regional Measure 1 - Transit	BT	REGIONAL	Regional Measure 1
BT-RM2-CAP	Bridge Toll - Regional Measure 2 - Capital	BT	REGIONAL	Regional Measure 2
BT-RM2-LOC	Bridge Toll - Regional Measure 2 - Local	BT	REGIONAL	Regional Measure 2
BT-RM2-OP	Bridge Toll - Regional Measure 2 - Operating	BT	REGIONAL	Regional Measure 2
CARB	California Air Resources Board	CARB	STATE	STATE
CDBG-T3	Community Development Block Grant	CDBG	FEDERAL	SAFETEA-LU
CMAQ-T2-FY00-CM	CMAQ - TEA21 - 2000 - Corridor Management	CMAQ	FEDERAL	TEA21
CMAQ-T2-FY99-TLC	CMAQ - TEA21 - 1999 - Transportation for Livable Communities	CMAQ	FEDERAL	TEA21
CMAQ-T3-1-AQ	CMAQ - SAFETEA-LU - Cycle 1 - Air Quality Strategies	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-1-AQ-SWAP	CMAQ - SAFETEA-LU - Cycle 1 - Air Quality Strategies - Funding exchange	CMAQ	FEDERAL	SAFETEA-LU



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
CMAQ-T3-3-AQ-SOL	CMAQ - SAFETEA-LU - Cycle 3 - Air Quality - Eastern Solano	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3B-3434	CMAQ - SAFETEA-LU - Cycle 3 Bonus - 3434 Transit Expansion	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3B-SYS-SFTY-	CMAQ – SAFETEA-LU - Cycle 3 Bonus - System - Safety - Exchange	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-RBP-CO	CMAQ - SAFETEA-LU - Cycle 3 - Regional Bicycle/Pedestrian - County Discretion	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-RO	CMAQ - SAFETEA-LU - Cycle 3 - Regional Operations	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-TLC-HIP	CMAQ - SAFETEA-LU - Cycle 3 - Transportation for Livable Communities - Housing Incentive Program	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T3-3-TLC-REG	CMAQ - SAFETEA-LU - Cycle 3 - Transportation for Livable Communities - Regional	CMAQ	FEDERAL	SAFETEA-LU
CMAQ-T4-1-CCI	CMAQ - SAFETEA-LU Extension - Cycle 1 - Climate Change Initiative	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-CCI	CMAQ - MAP21 - Cycle 1 - Climate Change Initiative	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-CCI-SOL	CMAQ - SAFETEA-LU Extension - Cycle 1 - Climate Change Initiative - Eastern Solano CMAQ	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-FPI	CMAQ - SAFETEA-LU Extension - Cycle 1 - Freeway Performance Initiative	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-LIFE	CMAQ - MAP21 - Cycle 1 - Lifeline Transportation Program	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-RBP-CO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Regional Bicycle Program - County Discretionary	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-RBP-CO	CMAQ - MAP21 - Cycle 1 - Regional Bicycle Program - County Discretionary	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-RO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Regional Operations	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-RSI	CMAQ - MAP21 - Cycle 1 - Regional Strategic Initiatives	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-RSRTS-CO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Regional Safe Routes to School - County Discretionary	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-RSRTS-CO	CMAQ - MAP21 - Cycle 1 - Regional Safe Routes to School - County Discretionary	CMAQ	FEDERAL	MAP21

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
CMAQ-T4-1-TLC-CO	CMAQ - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - County Discretion	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-TLC-CO	CMAQ - MAP21 - Cycle 1 -Transportation for Livable Communities - County Discretion	CMAQ	FEDERAL	MAP21
CMAQ-T4-1-TLC-REG	CMAQ - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - Regional Competitive	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-1-TLC-REG	CMAQ - MAP21 - Cycle 1 -Transportation for Livable Communities - Regional Competitive	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-CIP-REG	CMAQ - MAP21 - Cycle 2 - Climate Initiatives Program	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-FPI-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Freeway Performance Initiative	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-FPI-REG	CMAQ - MAP21 - Cycle 2 - Freeway Performance Initiative	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-FPI-REG-CT	CMAQ – MAP21 – Cycle 2 – Freeway Performance Initiatives – Caltrans	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-OBAG	CMAQ - MAP21 - Cycle 2 - One Bay Area Grant Program	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-RO-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Regional Operations	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-RO-REG	CMAQ - MAP21 - Cycle 2 - Regional Operations	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-RSRTS-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Regional Safe Routes to School - Regional Competitive	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-RSRTS-REG	CMAQ - MAP21 - Cycle 2 - Regional Safe Routes to School - Regional Competitive	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-TCP-TPI-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 – Transit Capital Program - Transit Performance Initiative	CMAQ	FEDERAL	MAP21
CMAQ-T4-2-TPI-REG	CMAQ - SAFETEA-LU Extension - Cycle 2 - Transit Performance Initiative - Regional Competitive	CMAQ	FEDERAL	SAFETEA-LU Extension
CMAQ-T4-2-TPI-REG	CMAQ - MAP21 - Cycle 2 - Transit Performance Initiative - Regional Competitive	CMAQ	FEDERAL	MAP21
CMAQ-T5-OBAG2-CO	CMAQ – FAST – One Bay Area Grant 2 – County Program	CMAQ	FEDERAL	FAST
CMAQ-T5-OBAG2-CO-SRTS	CMAQ – FAST – One Bay Area Grant 2 – County Safe Routes to School Program	CMAQ	FEDERAL	FAST

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
CMAQ-T5-OBAG2-REG-AOM	CMAQ – FAST – One Bay Area Grant 2 – Regional Active Operational Management	CMAQ	FEDERAL	FAST
CMAQ-T5-OBAG2-REG-CI	CMAQ – FAST – One Bay Area Grant 2 – Regional Climate Initiatives	CMAQ	FEDERAL	FAST
CMAQ-T5-OBAG2-REG-RSI	CMAQ – FAST – One Bay Area Grant 2 – Regional Strategic Initiatives	CMAQ	FEDERAL	FAST
CMAQ-T5-OBAG2-REG-TCP	CMAQ – FAST – One Bay Area Grant 2 – Regional Transit Capital Priorities	CMAQ	FEDERAL	FAST
DBR-T2-RPL	Discretionary Bridge Program - TEA21 - Replacement	DBR	STATE	TEA21
DBR-T2-SR	Discretionary Bridge Program - TEA21 - Seismic Retrofit	DBR	STATE	TEA21
EARMARK-T2-DEMO	Earmark - TEA21 - Demonstration	EARMARK	FEDERAL	TEA21
EARMARK-T2-HP	Earmark - TEA21 - High Priority	EARMARK	FEDERAL	TEA21
EARMARK-T2-STP115	Earmark - TEA21 - Surface Transportation Program Section 115	EARMARK	FEDERAL	TEA21
EARMARK-T3-05-STP	Earmark - SAFETEA-LU - 2005 Federal Appropriation - FHWA Earmark	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-06-STP	Earmark - SAFETEA-LU - 2006 Federal Appropriation - Surface Transportation Priorities	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-08-STP	Earmark - SAFETEA-LU - 2008 Federal Appropriation - FHWA Earmark - STP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-08-TCSP	Earmark - SAFETEA-LU - 2008 Federal Appropriation - FHWA Earmark - TCSP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-09-TCSP	Earmark - SAFETEA-LU - 2009 Federal Appropriation FHWA Earmark - TCSP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-10-IM	Earmark - SAFETEA-LU - 2010 Federal Appropriation FHWA Earmark - IM	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-10-STP	Earmark - SAFETEA-LU - 2010 Federal Appropriation - FHWA Earmark - STP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-10-TCSP	Earmark - SAFETEA-LU - 2010 Federal Appropriation FHWA Earmark - TCSP	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HBP	Earmark - SAFETEA-LU - Highway Bridge Program	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP	Earmark - SAFETEA-LU - High Priority Project	EARMARK	FEDERAL	SAFETEA-LU



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
EARMARK-T3-HPP-1767	Earmark - SAFETEA-LU - High Priority Project - Project # 1767	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP-2444	Earmark - SAFETEA-LU - High Priority Project - Project # 2444	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP-3762	Earmark - SAFETEA-LU - High Priority Project - Project # 3762	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-HPP-3763	Earmark - SAFETEA-LU - High Priority Project - Project # 3763	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-MFI	Earmark - SAFETEA-LU - Multimodal Facility Improvements	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-NMTPP	Earmark - SAFETEA-LU - Non-Motorized Transportation Pilot Program	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-PNRS	Earmark - SAFETEA-LU - Projects of National and Regional Significance	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-STP115	Earmark - SAFETEA-LU - Surface Transportation Program Section 115	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T3-TI	Earmark - SAFETEA-LU - Transportation Improvements	EARMARK	FEDERAL	SAFETEA-LU
EARMARK-T5-RE	Repurposed Earmark Funds	EARMARK	FEDERAL	FAST
ECCRFA	Eastern Contra Costa Regional Fee and Financing Authority	ECCRFA	LOCAL	LOCAL
ER-T4	Emergency Relief	ER	FEDERAL	MAP21
ERS-T2	Emergency Relief State - TEA21	ERS	FEDERAL	TEA21
FARE REVENUE	Transit Fare Revenue	OTHER LOCAL	LOCAL	LOCAL
FBP-T4	FHWA Ferry Boat Program – MAP21	FBP	FEDERAL	MAP21
FBP-T5	FHWA Ferry Boat Program – FAST	FBP	FEDERAL	FAST
FED-DISC-T4-12-FBD	Federal Discretionary - SAFETEA-LU Extension - 2012 – Ferry Boat Discretionary	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-HfL	Federal Discretionary - SAFETEA-LU Extension - 2012 – Highways for Life	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-HSR	Federal Discretionary - SAFETEA-LU Extension - 2012 - High-Speed Rail	FED-DISC	FEDERAL	SAFETEA-LU Extension
FED-DISC-T4-12-TCSP	Federal Discretionary - SAFETEA-LU Extension - 2012 –Transportation, Community, and System Preservation	FED-DISC	FEDERAL	SAFETEA-LU Extension
FHIP-T5-APPR-18	Federal Highway Infrastructure Program – FAST – FY18 Appropriations	FHIP	FEDERAL	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
FHIP-T5-APPR-19	Federal Highway Infrastructure Program – FAST – FY19 Appropriations	FHIP	FEDERAL	FAST
FHIP-T5-APPR-20	Federal Highway Infrastructure Program – FAST – FY20 Appropriations	FHIP	FEDERAL	FAST
FLHP-T2-PLH	Federal Lands Highway Program - TEA21 - Public Lands Highway	FLHP	FEDERAL	TEA21
FLHP-T3	Federal Lands Highway Program - SAFETEA-LU	FLHP	FEDERAL	SAFETEA-LU
FLHP-T3-PLH	Federal Lands Highway Program - SAFETEA-LU - Public Lands Highway	FLHP	FEDERAL	SAFETEA-LU
FLHP-T3-PLH-UPP	Federal Lands Highway Program - SAFETEA-LU - Public Lands Highway - Urban Partnership Program	FLHP	FEDERAL	SAFETEA-LU
GENERAL FUND	General Fund Revenue	GENERAL FUND	LOCAL	LOCAL
GFSTIP-T2-FY98-GF-F/ST	GrandFathered State Transportation Improvement Program - TEA21 - 1998 - Federal/State	GFSTIP	FEDERAL/STATE	TEA21
GFSTIP-T2-FY98-GF-NHS	GrandFathered State Transportation Improvement Program - TEA21 - 1998 - National Highway System with State Match	GFSTIP	FEDERAL/STATE	TEA21
HBP-T3-L	Highway Bridge Program - SAFETEA-LU - Local Bridge	HBP	FEDERAL	TEA21
HBP-T4-L	Highway Bridge Program - SAFETEA-LU Extension - Local Bridge	HBP	FEDERAL	SAFETEA-LU Extension
HBP-T4-L	Highway Bridge Program - MAP21 - Local Bridge	HBP	FEDERAL	MAP21
HBP-T4-S	Highway Bridge Program - MAP21 - State Bridge	HBP	FEDERAL	MAP21
HBP-T5-L	Highway Bridge Program - FAST - Local Bridge	HBP	FEDERAL	FAST
HBRR	Highway Bridge Replacement And Rehabilitation	HBRR	FEDERAL	TEA21
HSIP-T4-3	Highway Safety Improvement Program - SAFETEA-LU Extension - Cycle 3	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-4	Highway Safety Improvement Program - SAFETEA-LU Extension - Cycle 4	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-4	Highway Safety Improvement Program - MAP21 - Cycle 4	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-5	Highway Safety Improvement Program - SAFETEA-LU Extension - Cycle 5	HSIP	FEDERAL	SAFETEA-LU Extension
HSIP-T4-5	Highway Safety Improvement Program - MAP21 - Cycle 5	HSIP	FEDERAL	MAP21
HSIP-T4-6	Highway Safety Improvement Program - MAP21 - Cycle 6	HSIP	FEDERAL	MAP21



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
HSIP-T5-7	Highway Safety Improvement Program - FAST - Cycle 7	HSIP	FEDERAL	FAST
HSIP-T5-8	Highway Safety Improvement Program - FAST - Cycle 8	HSIP	FEDERAL	FAST
HSIP-T5-9	Highway Safety Improvement Program - FAST - Cycle 9	HSIP	FEDERAL	FAST
IIP-T2-00-F/ST	Interregional Improvement Program - TEA21 - 2000 STIP - Federal/State	IIP	FEDERAL/ STATE	TEA21
IIP-T2-00-ST	Interregional Improvement Program - TEA21 - 2000 STIP - State	IIP	STATE	TEA21
IIP-T2-02-F/ST	Interregional Improvement Program - TEA21 - 2002 STIP - Federal/State	IIP	FEDERAL/ STATE	TEA21
IIP-T2-02-ST	Interregional Improvement Program - TEA21 - 2000 STIP - State	IIP	STATE	TEA21
IIP-T3-04-ST	Interregional Improvement Program - SAFETEA-LU - 2004 STIP - State	IIP	STATE	SAFETEA-LU
IIP-T3-06A-ST	Interregional Improvement Program - SAFETEA-LU - 2006 Augmentation - State	IIP	STATE	SAFETEA-LU
IIP-T3-08-ST	Interregional Improvement Program - SAFETEA-LU - 2008 STIP - State	IIP	STATE	SAFETEA-LU
IIP-T4-12-FED	Interregional Improvement Program - SAFETEA-LU Extension - 2012 STIP - Federal	IIP	FEDERAL	SAFETEA-LU Extension
IIP-T4-12-ST	Interregional Improvement Program - MAP21 - 2012 STIP - State	IIP	FEDERAL	MAP21
IIP-T4-14-FED	Interregional Improvement Program - MAP-21 - 2014 STIP - Federal	IIP	FEDERAL	MAP21
IIP-T4-14-ST	Interregional Improvement Program - MAP-21 - 2014 STIP - State	IIP	STATE	MAP21
IIP-TE-T4-10-F/ST	Interregional Improvement Program - Transportation Enhancement - SAFETEA-LU Extension - 2010 STIP - Federal/State	IIP-TE	FEDERAL/ STATE	SAFETEA-LU Extension
IIP-TE-T4-12-FED	Interregional Improvement Program - Transportation Enhancement - SAFETEA-LU Extension - 2012 STIP - Federal	IIP-TE	FEDERAL	SAFETEA-LU Extension
LBSRA-T3	Local Bridge Seismic Retrofit Account	BR-SEISMIC	STATE	Prop 1B
LCTOP-GGRF-POP	Low Carbon Transit Operations Program – Greenhouse Gas Reduction Fund – Population-Based Formula	LCTOP	STATE	GGRF
LCTOP-GGRF-REV	Low Carbon Transit Operations Program – Greenhouse Gas Reduction Fund – Revenue-Based Formula	LCTOP	STATE	GGRF
LOCAL GAS	Local Gas Tax Funds	OTHER LOCAL	LOCAL	LOCAL



**2021 TIP  
Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
MTC-REG-EXCH	MTC - Regional - Funding Exchange	MTC	REGIONAL	REGIONAL
NFCB	National Fuel Cell Bus	NFCB	FEDERAL	SAFETEA-LU
NHS-GARVEE	National Highway System - Grant Anticipation Revenue Vehicle - Bond	NHS-GARVEE	FEDERAL	TEA21
OPFUNDS	Operating Funds	OTHER LOCAL	LOCAL	LOCAL
OTHER FED	Other Federal Funds	OTHER FEDERAL	FEDERAL	SAFETEA-LU
OTHER FED	Other Federal Funds	OTHER FEDERAL	FEDERAL	SAFETEA-LU Extension
OTHER FED	Other Federal Funds	OTHER FEDERAL	FEDERAL	MAP21
OTHER FEDERAL-ARRA-	Other Federal Funds - American Recovery and Reinvestment Act	OTHER FEDERAL	FEDERAL	ARRA
OTHER FEDERAL-ARRA-HSR	HSR - ARRA Federal Railroad Administration (FRA) Discretionary	OTHER FEDERAL	FEDERAL	ARRA
OTHER FEDERAL-USC130 RAIL	USC 130 – Rail/Highway Grade Separation	OTHER FEDERAL	FEDERAL	MAP21
OTHER LOCAL	Other Local	OTHER LOCAL	LOCAL	LOCAL
OTHER STATE	Other State	OTHER STATE	STATE	STATE
P116	Proposition 116 (1990) - Clean Air and Transportation Improvement Act	P116	STATE	Prop 116
PFGP	FTA Passenger Ferry Grant Program	PFGP	FEDERAL	FEDERAL
PRIVATE	Private Contribution	PRIVATE	LOCAL	LOCAL
PRIVATE-DEV	Private Development Fees	PRIVATE	LOCAL	LOCAL
PRIVATE-DEV-FEE	Private Development Fees	PRIVATE	LOCAL	LOCAL
PRIVATE-JOINT-DEV	Private Joint Development Fees	PRIVATE	LOCAL	LOCAL
PROP-1A-HSR	Proposition 1A (2008) - California High Speed Rail	PROP	STATE	PROP 1A
PROP-1B-CMIA	Proposition 1B (2006) - Corridor Mobility Improvement Account	PROP	STATE	PROP 1B
PROP-1B-CTSGP	Proposition 1B (2006) - California Transit Security Grant Program	PROP	STATE	PROP 1B



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
PROP-1B-HRCSA	Proposition 1B (2006) - Highway-Railroad Crossing Safety Account	PROP	STATE	PROP 1B
PROP-1B-PTMISEA-POP	Proposition 1B (2006) - Public Transit Population Share	PROP	STATE	PROP 1B
PROP-1B-PTMISEA-REV	Proposition 1B (2006) - Public Transit Revenue Share	PROP	STATE	PROP 1B
PROP-1B-SLPP	Proposition 1B (2006) - State Local Partnership Program	PROP	STATE	PROP 1B
PROP-1B-TCIF	Proposition 1B (2006) - Trade Corridor Improvement Fund	PROP	STATE	PROP 1B
PROP-1B-TCIF-GARVEE	Proposition 1B (2006) - Trade Corridors Improvement Fund - GARVEE	PROP	STATE	PROP 1B
PROP-1B-TLSP	Proposition 1B (2006) - Traffic Light Synchronization Program	PROP	STATE	PROP 1B
PROPERTY TAX	Local Property Tax	PROPERTY TAX	LOCAL	LOCAL
RIP-T2-00-F/ST-ALA	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - Alameda County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-F/ST-SOL	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - Solano County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-F/ST-SON	Regional Improvement Program - TEA21 - 2000 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-00-ST-SCL	Regional Improvement Program - TEA21 - 2000 STIP - State Only - Santa Clara County Share	RIP	STATE	TEA21
RIP-T2-00-ST-SON	Regional Improvement Program - TEA21 - 2000 STIP - State Only - Sonoma County Share	RIP	STATE	TEA21
RIP-T2-02-F/ST-ALA	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Alameda County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-NAP	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Napa County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SCL	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Santa Clara County Share	RIP	FEDERAL/STATE	TEA21



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T2-02-F/ST-SF	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - San Francisco County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SM	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - San Mateo County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SOL	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Solano County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-F/ST-SON	Regional Improvement Program - TEA21 - 2002 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-02-GARVEE-DS-NHS-	Regional Improvement Program - TEA21 - 2002 STIP - GARVEE - Debt Service - National Highway System	RIP	STATE	TEA21
RIP-T2-02-ST-ALA	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Alameda County Share	RIP	STATE	TEA21
RIP-T2-02-ST-CC	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Contra Costa County Share	RIP	STATE	TEA21
RIP-T2-02-ST-NAP	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Napa County Share	RIP	STATE	TEA21
RIP-T2-02-ST-SCL	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Santa Clara County Share	RIP	STATE	TEA21
RIP-T2-02-ST-SOL	Regional Improvement Program - TEA21 - 2002 STIP - State Only - Solano County Share	RIP	STATE	TEA21
RIP-T2-ALA	Regional Improvement Program - TEA21 - Alameda County Share	RIP	STATE	TEA21
RIP-T2-FY98-F/ST-ALA	Regional Improvement Program - TEA21 - 1998 STIP - Federal/State - Alameda County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-FY98-F/ST-MRN	Regional Improvement Program - TEA21 - 1998 STIP - Federal/State - Marin County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-FY98-F/ST-SON	Regional Improvement Program - TEA21 - 1998 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/STATE	TEA21
RIP-T2-FY98-FED-SF	Regional Improvement Program - TEA21 - 1998 STIP - Federal - San Francisco County Share	RIP	FEDERAL	TEA21
RIP-T2-FY98-SOL	Regional Improvement Program - TEA21 - 1998 STIP - Solano County Share	RIP	STATE	TEA21



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T3-06A-PTA-ALA	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-CC	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Contra Costa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-SCL	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Santa Clara County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - San Francisco County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-PTA-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - PTA - Solano County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-ALA	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-CC	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Contra Costa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-MRN	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Marin County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-NAP	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Napa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - San Francisco County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - San Mateo County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Solano County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06A-ST-SON	Regional Improvement Program - SAFETEA-LU - 2006 STIP Augmentation - State - Sonoma County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-F/ST-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal/State - San Francisco County Share	RIP	FEDERAL/ STATE	SAFETEA-LU

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T3-06-F/ST-SON	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal/State - Sonoma County Share	RIP	FEDERAL/STATE	SAFETEA-LU
RIP-T3-06-FED-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal - San Mateo County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-FED-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP - Federal – Solano County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-PTA-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP - PTA - San Francisco County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-ALA	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-CC	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Contra Costa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-MRN	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Marin County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-NAP	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Napa County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SCL	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Santa Clara County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SF	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - San Francisco County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SM	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - San Mateo County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SOL	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Solano County Share	RIP	STATE	SAFETEA-LU
RIP-T3-06-ST-SON	Regional Improvement Program - SAFETEA-LU - 2006 STIP - State - Sonoma County Share	RIP	STATE	SAFETEA-LU
RIP-T3-08-ALA-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Alameda County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-CC-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Contra Costa County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-MRN-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Marin County Share - State	RIP	STATE	SAFETEA-LU



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T3-08-NAP-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Napa County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-NHS-ALA	Regional Improvement Program - SAFETEA-LU - 2008 STIP - National Highway System - Alameda County Share	RIP	STATE	SAFETEA-LU
RIP-T3-08-SCL-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Santa Clara County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SF-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - San Francisco County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SM-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - San Mateo County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SOL-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Solano County Share - State	RIP	STATE	SAFETEA-LU
RIP-T3-08-SON-ST	Regional Improvement Program - SAFETEA-LU - 2008 STIP - Sonoma County Share - State	RIP	STATE	SAFETEA-LU
RIP-T4-10-FED-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Marin Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-10-FED-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Santa Clara Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-10-ST-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Alameda Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-CC	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Contra Costa Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Napa Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Santa Clara Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SF	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - San Francisco Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-10-ST-SM	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - San Mateo Share - State Funds	RIP	STATE	SAFETEA-LU Extension

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T4-10-ST-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2010 RTIP - Solano Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-FED-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Alameda Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-CC	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Contra Costa Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-MRN	Regional Improvement Program - MAP21 - 2012 RTIP - Marin Share - Federal Funds	RIP	FEDERAL	MAP21
RIP-T4-12-FED-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Napa Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP – Santa Clara Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SF	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Francisco Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SF	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Francisco Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SM	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Mateo Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SM	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Mateo Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-FED-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - Federal Funds	RIP	FEDERAL	SAFETEA-LU Extension
RIP-T4-12-FED-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-12-ST-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Alameda Share - State Funds	RIP	STATE	SAFETEA-LU Extension

**2021 TIP  
Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T4-12-ST-CC	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Contra Costa Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Marin Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Napa Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Santa Clara Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SCL	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP – Santa Clara Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SF	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Francisco Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SF	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Francisco Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SM	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - San Mateo Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SM	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - San Mateo Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SOL	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Solano Share - State Funds	RIP	STATE	MAP-21
RIP-T4-12-ST-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - State Funds	RIP	STATE	SAFETEA-LU Extension
RIP-T4-12-ST-SON	Regional Improvement Program - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - State Funds	RIP	STATE	MAP-21
RIP-T4-14-FED-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Alameda Share - Federal Funds	RIP	FEDERAL	MAP-21

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T4-14-FED-CC	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Contra Costa Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-14-FED-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Marin Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-14-FED-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Napa Share - Federal Funds	RIP	FEDERAL	MAP-21
RIP-T4-14-FED-SCL	Regional Improvement Program - MAP21 - 2014 RTIP - Santa Clara Share - Federal Funds	RIP	FEDERAL	MAP21
RIP-T4-14-FED-SF	Regional Improvement Program - MAP21 - 2014 RTIP - San Francisco Share - Federal Funds	RIP	FEDERAL	MAP21
RIP-T4-14-FED-SM	Regional Improvement Program - MAP21 - 2014 RTIP - San Mateo Share - Federal Funds	RIP	FEDERAL	MAP21
RIP-T4-14-FED-SOL	Regional Improvement Program - MAP21 - 2014 RTIP - Solano Share - Federal Funds	RIP	FEDERAL	MAP21
RIP-T4-14-FED-SON	Regional Improvement Program - MAP21 - 2014 RTIP - Sonoma Share - Federal Funds	RIP	FEDERAL	MAP21
RIP-T4-14-ST-ALA	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Alameda Share - State Funds	RIP	STATE	MAP-21
RIP-T4-14-ST-CC	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Contra Costa Share - State Funds	RIP	STATE	MAP-21
RIP-T4-14-ST-MRN	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Marin Share - State Funds	RIP	STATE	MAP-21
RIP-T4-14-ST-NAP	Regional Improvement Program - SAFETEA-LU Extension - 2014 RTIP - Napa Share - State Funds	RIP	STATE	MAP-21
RIP-T4-14-ST-SCL	Regional Improvement Program - MAP21 - 2014 RTIP - Santa Clara Share - State Funds	RIP	STATE	MAP21
RIP-T4-14-ST-SF	Regional Improvement Program - MAP21 - 2014 RTIP - San Francisco Share - State Funds	RIP	STATE	MAP21
RIP-T4-14-ST-SM	Regional Improvement Program - MAP21 - 2014 RTIP - San Mateo Share - State Funds	RIP	STATE	MAP21
RIP-T4-14-ST-SOL	Regional Improvement Program - MAP21 - 2014 RTIP - Solano Share - State Funds	RIP	STATE	MAP21
RIP-T4-14-ST-SON	Regional Improvement Program - MAP21 - 2014 RTIP - Sonoma Share - State Funds	RIP	STATE	MAP21

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-TE-T3-06-DIS-CO-F/ST-	Regional Improvement Program - Transportation Enhancements - SAFETEA - 2006 STIP - County Discretionary - Federal/State	RIP-TE	FEDERAL	SAFETEA-LU
RIP-TE-T3-06-DIS-CO-FED-	Regional Improvement Program - Transportation Enhancements - SAFETEA - 2006 STIP - County Discretionary - Federal	RIP-TE	FEDERAL	SAFETEA-LU
RIP-TE-T4-10-F/ST-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Alameda Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/ STATE	SAFETEA-LU Extension
RIP-TE-T4-10-F/ST-SOL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Solano Share - Federal TE and State Matching Funds	RIP-TE	FEDERAL/ STATE	SAFETEA-LU Extension
RIP-TE-T4-10-FED-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Alameda Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-10-FED-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2010 RTIP - Contra Costa Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-ALA	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Alameda Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-CC	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Contra Costa Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-MRN	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Marin Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-NAP	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Napa Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SCL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Santa Clara Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-TE-T4-12-FED-SF	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - San Francisco Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SM	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - San Mateo Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SOL	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Solano Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-TE-T4-12-FED-SON	Regional Improvement Program - Transportation Enhancements - SAFETEA-LU Extension - 2012 RTIP - Sonoma Share - Federal TE	RIP-TE	FEDERAL	SAFETEA-LU Extension
RIP-T5-18-FED-ALA	Regional Improvement Program - FAST - 2018 RTIP - Alameda Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-18-FED-CC	Regional Improvement Program - FAST - 2018 RTIP - Contra Costa Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-18-FED-NAP	Regional Improvement Program - FAST - 2018 RTIP - Napa Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-18-FED-SCL	Regional Improvement Program - FAST - 2018 RTIP – Santa Clara Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-18-FED-SF	Regional Improvement Program - FAST - 2018 RTIP – San Francisco Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-18-FED-SM	Regional Improvement Program - FAST - 2018 RTIP – San Mateo Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-18-FED-SOL	Regional Improvement Program - FAST - 2018 RTIP - Solano Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-18-ST-ALA	Regional Improvement Program - FAST - 2018 RTIP - Alameda Share - State Funds	RIP	STATE	FAST
RIP-T5-18-ST-CC	Regional Improvement Program - FAST - 2018 RTIP – Contra Costa Share - State Funds	RIP	STATE	FAST
RIP-T5-18-ST-MRN	Regional Improvement Program - FAST - 2018 RTIP - Marin Share - State Funds	RIP	STATE	FAST
RIP-T5-18-ST-NAP	Regional Improvement Program - FAST - 2018 RTIP - Napa Share - State Funds	RIP	STATE	FAST
RIP-T5-18-ST-SCL	Regional Improvement Program - FAST - 2018 RTIP – Santa Clara Share - State Funds	RIP	STATE	FAST
RIP-T5-18-ST-SF	Regional Improvement Program - FAST - 2018 RTIP – San Francisco Share - State Funds	RIP	STATE	FAST



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
RIP-T5-18-ST-SM	Regional Improvement Program - FAST - 2018 RTIP – San Mateo Share - State Funds	RIP	STATE	FAST
RIP-T5-18-ST-SOL	Regional Improvement Program - FAST - 2018 RTIP - Solano Share - State Funds	RIP	STATE	FAST
RIP-T5-18-ST-SON	Regional Improvement Program - FAST - 2018 RTIP - Sonoma Share - State Funds	RIP	STATE	FAST
RIP-T5-20-FED-ALA	Regional Improvement Program - FAST - 2020 RTIP - Alameda Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-20-FED-CC	Regional Improvement Program - FAST - 2020 RTIP - Contra Costa Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-20-FED-NAP	Regional Improvement Program - FAST - 2020 RTIP - Napa Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-20-FED-SOL	Regional Improvement Program - FAST - 2020 RTIP - Solano Share - Federal Funds	RIP	FEDERAL	FAST
RIP-T5-20-ST-ALA	Regional Improvement Program - FAST - 2020 RTIP - Alameda Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-CC	Regional Improvement Program - FAST - 2020 RTIP – Contra Costa Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-MRN	Regional Improvement Program - FAST - 2020 RTIP - Marin Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-NAP	Regional Improvement Program - FAST - 2020 RTIP - Napa Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-SCL	Regional Improvement Program - FAST - 2020 RTIP – Santa Clara Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-SF	Regional Improvement Program - FAST - 2020 RTIP – San Francisco Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-SM	Regional Improvement Program - FAST - 2020 RTIP – San Mateo Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-SOL	Regional Improvement Program - FAST - 2020 RTIP - Solano Share - State Funds	RIP	STATE	FAST
RIP-T5-20-ST-SON	Regional Improvement Program - FAST - 2020 RTIP - Sonoma Share - State Funds	RIP	STATE	FAST
RTP-LRP	Regional Transportation Plan - Long Range Plan (funding identified in Long Range Plan, but not committed in TIP)	RTP-LRP	Uncommitted	Uncommitted
SALESTAX-MEASURE-ALA	Sales Tax Measure - Alameda County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-CC	Sales Tax Measure - Contra Costa County	SALESTAX-MEASURE	LOCAL	LOCAL

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
SALESTAX-MEASURE-J-CC	Sales Tax Measure - Measure J - Contra Costa County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-MRN	Sales Tax Measure - Marin County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SCL	Sales Tax Measure - Santa Clara County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SF	Sales Tax Measure - San Francisco County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SM	Sales Tax Measure - San Mateo County	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SMART	Sales Tax Measure - SMART	SALESTAX-MEASURE	LOCAL	LOCAL
SALESTAX-MEASURE-SON	Sales Tax Measure - Sonoma County	SALESTAX-MEASURE	LOCAL	LOCAL
SB1-RRAA-LPP-Competitive	Road Repair and Accountability Act of 2017 - Local Partnership Program - Competitive Program	SB1	STATE	FAST
SB1-RRAA-LPP-Formula	Road Repair and Accountability Act of 2017 - Local Partnership Program - Formula Program	SB1	STATE	FAST
SB1-RRAA-LSRP	Road Repair and Accountability Act of 2017 - Local Streets and Roads Program	SB1	STATE	FAST
SB1-RRAA-SCCP	Road Repair and Accountability Act of 2017 - Solutions for Congested Corridors Program	SB1	STATE	FAST
SB1-RRAA-SGR	Road Repair and Accountability Act of 2017 - State of Good Repair Program	SB1	STATE	FAST
SB1-RRAA-SRA	Road Repair and Accountability Act of 2017 - State Rail Assistance Program	SB1	STATE	FAST
SB1-RRAA-TCEP	Road Repair and Accountability Act of 2017 - Trade Corridor Enhancement Program	SB1	STATE	FAST
SB1-RRAA-TIRCP	Road Repair and Accountability Act of 2017 - Transit and Intercity Rail Capital Program	SB1	STATE	FAST
SHA-T2	State Highway Account - TEA21	SHA	STATE	TEA21
SHA-T3-SHOPP-NHS	State Highway Account - SAFETEA-LU - State Highway Operations and Protection Program - National Highway System	SHA	STATE	SAFETEA-LU
SR2S	Safe Routes To School	SR2S	STATE	STATE





**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
SRTS-T4-3	Safe Routes To School - SAFETEA-LU Extension - Cycle 3	SRTS	FEDERAL	SAFETEA-LU Extension
STA-POP-D	State Transit Assistance - Population Based - Discretionary	STA-POP	LOCAL	LOCAL
STA-REV	State Transit Assistance - Revenue Based	STA-REV	LOCAL	LOCAL
ST-CASH-T2	State Funds - TEA21	ST-CASH	STATE	TEA21
STP-ARRA-CC	Regional Surface Transportation Program - ARRA - Contra Costa County	STP	FEDERAL	ARRA
STP-ARRA-REG	Regional Surface Transportation Program - ARRA - Regional	STP	FEDERAL	ARRA
STP-ARRA-SCL	Regional Surface Transportation Program - ARRA - Santa Clara County	STP	FEDERAL	ARRA
STP-T2-D	Regional Surface Transportation Program - TEA21 - Discretionary	STP	FEDERAL	TEA21
STP-T2-FY00-RAB	Regional Surface Transportation Program - TEA21 - FY 2000 - RABA	STP	FEDERAL	TEA21
STP-T2-FY96-D	Regional Surface Transportation Program - TEA21 - FY 1996 - Discretionary	STP	FEDERAL	TEA21
STP-T2-FY96-G	Regional Surface Transportation Program - TEA21 - FY 1996 - Guaranteed	STP	FEDERAL	TEA21
STP-T2-FY99-CSCM	Regional Surface Transportation Program - TEA21 - FY 1999 - Customer Service/Corridor Management	STP	FEDERAL	TEA21
STP-T2-FY99-RE	Regional Surface Transportation Program - TEA21 - FY 1999 - Rehabilitation	STP	FEDERAL	TEA21
STP-T3-1A-TCP-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 1 Augmentation - Transit Capital Priorities - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T3-2-BF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 2 - STIP Backfill	STP	FEDERAL	SAFETEA-LU
STP-T3-2-TCP-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 2 - Transit Capital - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T3-3-TCP-SF	Regional Surface Transportation Program - SAFETEA-LU - Cycle 3 - Transit Capital Priorities - Rehabilitation Shortfall	STP	FEDERAL	SAFETEA-LU
STP-T4-1-CCI	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Climate Change Initiatives	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-FPI	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Freeway Performance Initiative	STP	FEDERAL	SAFETEA-LU Extension



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
STP-T4-1-LIFE	Regional Surface Transportation Program - MAP21 - Cycle 1 - Lifeline Transportation Program	STP	FEDERAL	MAP21
STP-T4-1-LSR-CO-PL-CMA	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Local Streets & Roads - County CMA Planning Activities	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-LSR-PMP	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Local Streets & Roads - Pavement Management Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-PL-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Planning Activities - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RBP-CO-PL-CMA	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Bicycle Program - County CMA Planning Activities	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Operations	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RSI	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Strategic Investments	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-RSI	Regional Surface Transportation Program - MAP21 - Cycle 1 - Regional Strategic Investments	STP	FEDERAL	MAP21
STP-T4-1-RSRTS-CO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Regional Safe Routes to School - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-CO	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - County Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-CO-PL-CMA	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - County CMA Planning Activities	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - Regional Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-1-TLC-REG	Regional Surface Transportation Program - MAP21 - Cycle 1 - Transportation for Livable Communities - Regional Program	STP	FEDERAL	MAP21

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
STP-T4-1-TLC-SAP	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 1 - Transportation for Livable Communities - Station Area Planning	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-CI-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Climate Initiatives - Regional	STP	FEDERAL	MAP21
STP-T4-2-FPI-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Freeway Performance Initiative - Regional	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-FPI-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Freeway Performance Initiative - Regional	STP	FEDERAL	MAP21
STP-T4-2-OBAG	Regional Surface Transportation Program - MAP21 - Cycle 2 - One Bay Area Grant Program	STP	FEDERAL	MAP21
STP-T4-2-OBAG-PL	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - One Bay Area Grant Program - CMA Planning Activities Augmentation	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-OBAG-PL	Regional Surface Transportation Program - MAP21 - Cycle 2 - One Bay Area Grant Program - CMA Planning Activities Augmentation	STP	FEDERAL	MAP21
STP-T4-2-PCA-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Local Priority Conservation Area	STP	FEDERAL	MAP21
STP-T4-2-PDA-CO	Regional Surface Transportation Program - MAP21 - Cycle 2 - Local PDA Planning and Implementation	STP	FEDERAL	MAP21
STP-T4-2-PDA-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional PDA Planning and Implementation	STP	FEDERAL	MAP21
STP-T4-2-PL-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Regional Planning Activities	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-PMP-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Pavement Management Program	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-RO-REG	Regional Surface Transportation Program - SAFETEA-LU Extension - Cycle 2 - Regional Operations	STP	FEDERAL	SAFETEA-LU Extension
STP-T4-2-RO-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Operations	STP	FEDERAL	MAP21



**2021 TIP  
Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
STP-T4-2-RSRTS-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Safe Routes to School - Regional Program	STP	FEDERAL	MAP21
STP-T4-2-TCP-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Safe Routes to School - Transit Capital Rehabilitation - Regional Program	STP	FEDERAL	MAP21
STP-T4-2-TCP-TPI-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Regional Safe Routes to School - Transit Capital Rehabilitation - Transit Performance Initiative - Regional Program	STP	FEDERAL	MAP21
STP-T4-2-TPI-REG	Regional Surface Transportation Program - MAP21 - Cycle 2 - Transit Performance Initiative - Regional Program	STP	FEDERAL	MAP21
STP-T5-OBAG2-CO	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - County Program	STP	FEDERAL	FAST
STP-T5-OBAG2-CO-FAS	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - County Federal Aid Secondary Program	STP	FEDERAL	FAST
STP-T5-OBAG2-CO-PL	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - County Planning Program	STP	FEDERAL	FAST
STP-T5-OBAG2-CO-SRTS	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - County Safe Routes to School Program	STP	FEDERAL	FAST
STP-T5-OBAG2-REG-AOM	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Regional Active Operational Management	STP	FEDERAL	FAST
STP-T5-OBAG2-REG-HIP	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Housing Incentive Program	STP	FEDERAL	FAST
STP-T5-OBAG2-REG-PCA	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Regional Priority Conservation Areas Program	STP	FEDERAL	FAST
STP-T5-OBAG2-REG-PDA	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Regional Priority Development Areas Program	STP	FEDERAL	FAST
STP-T5-OBAG2-REG-PL	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Regional Planning	STP	FEDERAL	FAST

**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
STP-T5-OBAG2-REG-PMP	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Regional Pavement Management Program	STP	FEDERAL	FAST
STP-T5-OBAG2-REG-RSI	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Regional Strategic Investments	STP	FEDERAL	FAST
STP-T5-OBAG2-REG-TCP	Regional Surface Transportation Block Grant Program - FAST - One Bay Area Grant 2 - Regional Transit Capital Priorities	STP	FEDERAL	FAST
ST-STP-ARRA-CC	State Surface Transportation Program - ARRA - Contra Costa County	ST-STP	FEDERAL	ARRA
ST-STP-ARRA-REG	State Surface Transportation Program - ARRA - Regional	ST-STP	FEDERAL	ARRA
ST-STP-ARRA-SHOPP	State Surface Transportation Program - ARRA -SHOPP	ST-STP	FEDERAL	ARRA
ST-STP-ARRA-ST	State Surface Transportation Program - ARRA - State	ST-STP	FEDERAL	ARRA
ST-STP-T3-RL	State Surface Transportation Program - SAFETEA-LU - Railroad Local	ST-STP	FEDERAL	SAFETEA-LU
ST-STP-T3-SAFETY	State Surface Transportation Program - SAFETEA-LU - Safety	ST-STP	FEDERAL	SAFETEA-LU
ST-STP-T4	State Surface Transportation Program - MAP21	ST-STP	FEDERAL	MAP21
TCI	Transit Capital Improvement	TCI	STATE	STATE
TCRP	Traffic Congestion Relief Program (1999)	TCRP	STATE	STATE
TCRP-LONP	Traffic Congestion Relief Program - Letter of No Prejudice	TCRP	LOCAL	LOCAL
TCSP	Transportation and Community and System Preservation Pilot Program	TCSP	FEDERAL	TEA21
TDA3	Transportation Development Act - Article 3	TDA	STATE	STATE
TDA4	Transportation Development Act - Article 4	TDA	STATE	STATE
TDA4.5	Transportation Development Act - Article 4.5	TDA	STATE	STATE
TDA4/8	Transportation Development Act - Articles 4 and 8	TDA	STATE	STATE
TEA-T2-FY99-TLC-NS	Transportation Enhancement Activities - TEA21 - FY 1999 - Transportation for Livable Communities - Non-STIP	TEA	FEDERAL	TEA21
TEA-T2-LOC	Transportation Enhancement Activities - TEA21 - Local	TEA	FEDERAL	TEA21
TFCA-AB	Transportation Fund for Clean Air - Air Board	TFCA	REGIONAL	REGIONAL
TFCA-PM	Transportation Fund for Clean Air - Program Manager	TFCA	REGIONAL	REGIONAL



**2021 TIP**  
**Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
TIFIA-DS-SF	Transportation Infrastructure Finance and Innovation Act of 1998 - Debt Service - San Francisco County	TIFIA-DS	LOCAL	LOCAL
TIFIA-T3-SF	Transportation Infrastructure Finance and Innovation Act of 1998 - SAFETEA-LU - San Francisco County	TIFIA	FEDERAL	SAFETEA-LU
TIGER-ARRA	Transportation Investment Generating Economic Recovery - ARRA - Federal DOT Discretionary	TIGER	FEDERAL	ARRA
TIGERII-T4-10-FED-DISC	Transportation Investment Generating Economic Recovery II - SAFETEA-LU Extension - 2010 - Federal Discretionary	TIGERII	FEDERAL	SAFETEA-LU Extension
TIGER-T5-FED-DISC	Transportation Investment Generating Economic Recovery - FAST - Federal Discretionary	TIGER	FEDERAL	FAST
TIGGER2-T4-10-FED-DISC	Transit Investments for Greenhouse Gas and Energy Reduction 2 - SAFETEA-LU Extension - 2010 - Federal Discretionary	TIGGER2	FEDERAL	SAFETEA-LU Extension
TIGGER-ARRA	Transit Investments for Greenhouse Gas and Energy Reduction - ARRA - FTA Discretionary	TIGGER	FEDERAL	ARRA
TIRCP	Transit and Intercity Rail Program	TIRCP	STATE	STATE
TIRCP-GGRF	Transit and Intercity Rail Program – Greenhouse Gas Reduction Fund	TIRCP	STATE	GGRF
TIRCP-RRAA	Transit and Intercity Rail Program – Road Repair and Accountability Act	TIRCP	STATE	RRAA
TOLLS-EXPRESS-REG	Regional Express Lane Toll funds	TOLLS	REGIONAL	REGIONAL
TOLLS-EXPRESS-LOC	Regional Express Lane Toll Revenue	TOLLS	REGIONAL	REGIONAL
TOLLS-GGB	Golden Gate Bridge Toll funds	TOLLS	LOCAL	LOCAL
TSM	Traffic System Management	TSM	STATE	STATE
USC 206 - REC TRAILS	Recreational Trails Program	OTHER FEDERAL	FEDERAL	SAFETEA-LU Extension
USC 206 - REC TRAILS	Recreational Trails Program	OTHER FEDERAL	FEDERAL	MAP21
VPPP-T3	Value Pricing Pilot Program - SAFETEA-LU	VPPP	FEDERAL	SAFETEA-LU
VRF-CO-ALA	Vehicle Registration Fee - Alameda County	VRF	LOCAL	LOCAL
VRF-CO-MRN	Vehicle Registration Fee - Marin County	VRF	LOCAL	LOCAL
VRF-CO-SCL	Vehicle Registration Fee – Santa Clara County	VRF	LOCAL	LOCAL
VRF-CO-SF	Vehicle Registration Fee - San Francisco County	VRF	LOCAL	LOCAL



**2021 TIP  
Fund Code Description (cont.)**

<b>Fund Code</b>	<b>TIP Fund Code Description</b>	<b>Fund Source</b>	<b>Fund Type</b>	<b>Authorization</b>
VRF-CO-SM	Vehicle Registration Fee – San Mateo County	VRF	LOCAL	LOCAL
XGEN	Local General Fund Transfer	XGEN	LOCAL	LOCAL
XTRAN	Local Transportation Sales Tax Transfer	XTRAN	LOCAL	LOCAL

# APPENDIX A – 44

## *2021 TIP Detail*

### Financial Plan

#### Plan Bay Area 2040 Chapter 4: Strategies and Performance

##### *Plus Supplementary Reports*

- Financial Assumptions Report, July 2017
- Local Streets and Roads, Bridges and State Highway Needs Assessment, July 2017
- Transit Operating and Capital Needs and Revenue Assessment, July 2017





# FOUR

## Strategies and Performance

Given the state of the Bay Area today and the 24-year forecast of jobs, households and transportation revenues, how will the region get from where it is now to where it needs to be in the future? MTC and ABAG developed a variety of land use and transportation scenarios that distributed the total amount of expected growth across the region.

These scenarios were evaluated against adopted performance targets to measure how well they addressed regional goals, including climate protection, transportation system effectiveness, economic vitality and equitable access. Based upon performance and feedback, MTC and ABAG developed and adopted a Final Preferred Scenario. This scenario provided both a regional pattern of household and employment growth by the year 2040 and a corresponding transportation investment strategy.



Community input is a vital part of transportation and land use planning.  
Credit: Karl Nielsen

## Focused Growth

Plan Bay Area 2040 largely reflects the foundation and regional growth pattern established in the original Plan Bay Area. Plan Bay Area 2040's core strategy is "focused growth" in existing communities along the existing transportation network. This strategy allows the best "bang for the buck" in achieving key regional economic, environmental and equity goals: It builds upon existing community characteristics, efficiently leverages existing infrastructure and mitigates impacts on areas with less development. Key to implementing the focused growth strategy are Priority Development Areas (PDAs) and Priority Conservation Areas (PCAs) identified, recommended and approved by local governments.

- **Priority Development Areas (PDAs) -**  
Plan Bay Area 2040 focuses growth and development in nearly 200 PDAs. These existing neighborhoods are served by public transit and have been identified as appropriate for additional, compact development.
- **Priority Conservation Areas (PCAs) -**  
Plan Bay Area 2040 helps preserve over 100 regionally significant open spaces which have a broad consensus for long-term protection but which face nearer-term development pressures.

PCAs and PDAs complement one another:

By promoting compact development in established communities with high-quality transportation access, there is less development pressure on the region's vast and varied open spaces and agricultural lands.

## Motivating Smarter Land Use Decisions

Given existing real estate market conditions, land use controls and infrastructure needs, many PDAs may not be able to accommodate forecasted growth and may require additional policy interventions to increase their development potential. As a result, MTC and ABAG modeled a range of policy and investment strategies in Plan Bay Area 2040 to increase development potential in PDAs and influence the overall regional growth pattern, as shown in Table 4.1. These policies can help motivate land use and support the success of a focused growth strategy in the locally identified PDAs that already house much of the Bay Area's existing development.

These measures are not prescriptive, and there are many potential public policy options that could help the Bay Area attain its adopted targets. The strategies presented here are simply illustrations of the significant steps it would take to accommodate expected future growth within existing communities while striving toward the region's 2040 economic, environmental and equity goals. Growth can, of course,

- 
- Assign higher densities than currently allowed by cities to select PDAs

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  - Keep current urban growth boundaries in place

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  - Preserve and incorporate office space caps in job-rich cities

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  - Assume all for-profit housing developments in cities with PDAs make 10 percent of units deed-restricted in perpetuity

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  - Reduce the cost of building in PDAs and Transit Priority Areas (TPAs) through eased parking minimums and streamlined environmental clearance

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  - Assume subsidies stimulate housing / commercial development within PDAs

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  - Assess commercial development fee based on Vehicle Miles Traveled to improve jobs-housing ratio and to fund affordable housing in PDAs
- 

**TABLE 4.1 Key land use assumptions.**

Source: Metropolitan Transportation Commission, 2016

bring challenges such as limited water resources, funding for schools, and traffic congestion, in addition to benefits. Working with jurisdictions to appropriately balance different interests while implementing these or other similar policies will be key to achieving the land use goals of Plan Bay Area 2040.

For more information about Plan Bay Area 2040’s land use model and assumptions, see the [Land Use Modeling Report](#).



Sonoma City Hall  
Credit: A Yee, Creative Commons

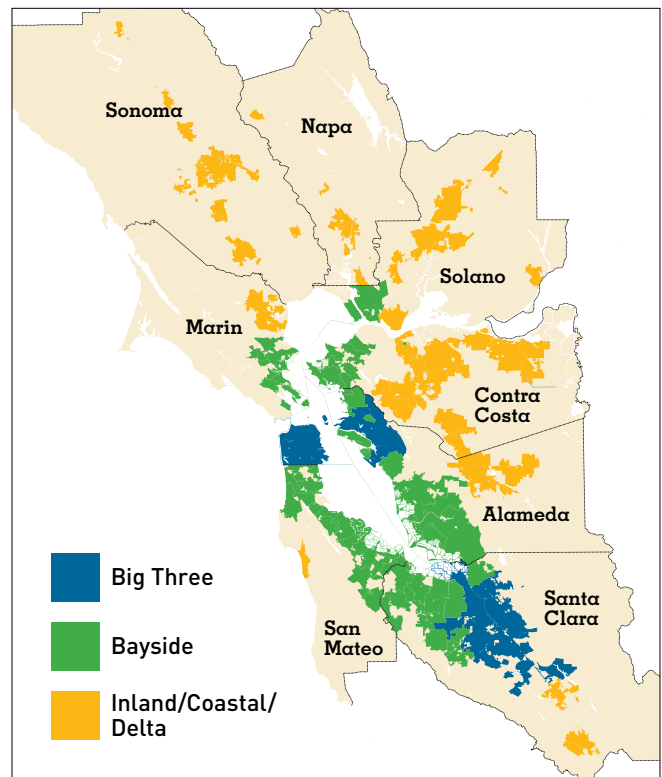
### Local Control

It is important to emphasize that the region’s cities and counties retain local land use authority and that local jurisdictions will continue to determine where future development occurs. Plan Bay Area 2040 is supported through implementation efforts such as neighborhood-level planning grants for PDAs and local technical assistance. The plan does not mandate any changes to local zoning rules, general plans or processes for reviewing projects; nor is the plan an enforceable direct or indirect cap on development locations or targets in the region. As is the case across California, the Bay Area’s cities, towns and counties maintain control of all decisions to adopt plans and to permit or deny development projects.

As stated in California Government Code Section 65080(b)(2)(K), “[n]othing in a sustainable communities strategy shall be interpreted as superseding the exercise of the land use authority of cities and counties within the region... Nothing in this section shall require a city’s or county’s land use policies and regulations, including its general plan, to be consistent with the regional transportation plan or an alternative planning strategy.”

Plan Bay Area 2040 also does not establish new state-mandated [Regional Housing Needs Allocation](#) (RHNA) numbers for any jurisdiction. RHNA operates on an eight-year cycle, with the next iteration not due until the next update to the plan in 2021.

Because RHNA numbers are not at stake this cycle, MTC and ABAG have characterized this update to the Bay Area’s long-range plan as limited and focused.



MAP 4.1 Bay Area subregions.

Source: Metropolitan Transportation Commission, 2016



Cooperation and consensus will be key to achieving the plan's ambitious goals.  
Credit: Rawpixel

# Overview of Household and Employment Growth Pattern

Overall, the regional pattern of households and employment in 2040 is not significantly different from the pattern observed in 2010. Plan Bay Area 2040 concentrates both household and employment growth in the “Big 3 Cities” of San Jose, San Francisco and Oakland, as well as the east and west Bayside corridors along the region’s core transit network.

As shown in Map 4.1, the Bay Area’s 101 cities and towns are classified into three key “subregions” in order to conceptualize the regional growth pattern presented in Plan Bay Area 2040:

- **Big 3 Cities** — the Bay Area’s three largest cities: San Jose, San Francisco and Oakland
- **Bayside** — generally describes cities directly adjacent to San Francisco Bay, including Hayward, San Mateo, San Rafael and Richmond
- **Inland, Coastal and Delta** — generally describes cities just outside of Bayside, such as Walnut Creek, Dublin, Santa Rosa, Antioch, Brentwood and Fairfield

By 2040, the Big 3 Cities and Bayside subregions will contain 72 percent of the Bay Area’s total households and 77 percent of the region’s total jobs, which is a slightly higher concentration of households and jobs compared to 2010. As shown in Tables 4.2 and 4.3, Big 3 Cities will see about 46 percent of the region’s household growth and about 44 percent of the region’s job growth, while Bayside communities will see about 33 percent of the region’s household growth and 40 percent of projected employment growth.

Inland, Coastal and Delta areas will see comparatively less growth. The concentration of housing and jobs in PDAs also will remain significant, with 77 percent of the Bay Area’s household growth and 55 percent of its job growth occurring in PDAs.

In terms of employment, Plan Bay Area 2040 anticipates a modest shift from the growth pattern adopted in the original Plan Bay Area and incorporates the substantial employment growth experienced since 2010 in Bayside communities and in the cities of San Jose, San Francisco and Oakland. These areas contain the majority of the Bay Area’s commercial space, both now and in the future.

As shown in Maps 4.2 and 4.3, 83 percent of all household and employment growth will be in four of the Bay Area’s nine counties: Santa Clara, Alameda, San Francisco and Contra Costa. On both an absolute and percentage basis, the five remaining counties will see modest growth over the next 24 years.

Emphasizing higher levels of growth in PDAs and building upon what already exists means that many neighborhoods, particularly established single-family home neighborhoods, will see minimal change in the coming decades. Approximately 70 percent of projected household growth will be concentrated in just 15 Bay Area cities, as will 74 percent of employment growth. Besides the Big 3 Cities, other cities such as Richmond, Emeryville, Concord and Mountain View will also serve as key locations for the Bay Area’s future households and jobs.

[For a complete list of household and employment numbers by jurisdiction, please see the Land Use Modeling Report.](#)

The concentrated household and employment pattern presented here further underscores the need for a Bay Area transportation system that is efficient and well-maintained. Otherwise, a focused growth strategy cannot succeed.

Subregion	Year 2010, Forecast Baseline	Year 2040, Proposed Plan	Difference, 2010–2040	Share of Regional Growth	% Growth, 2010–2040	Annual Growth Rate
Big 3 Cities	801,000	1,173,000	373,000	46%	+47%	+1.6%
Bayside	1,031,000	1,303,000	272,000	33%	+26%	+0.9%
Inland, Coastal, Delta	776,000	950,000	175,000	21%	+23%	+0.8%
<b>Total Households*</b>	<b>2,610,000</b>	<b>3,430,000</b>	<b>820,000</b>		<b>+31%</b>	<b>+1.0%</b>
<i>In PDAs</i>	<i>553,000</i>	<i>1,182,000</i>	<i>629,000</i>	<i>77%</i>		
<i>Outside PDAs</i>	<i>2,055,000</i>	<i>2,244,000</i>	<i>189,000</i>	<i>23%</i>		

TABLE 4.2 Household growth by Bay Area subregion.

\*Values may not sum due to rounding.

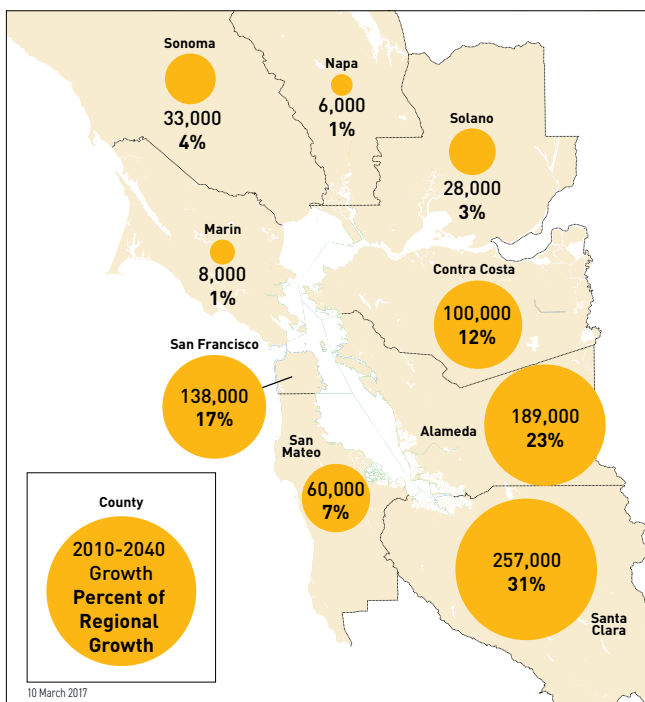
Source: Metropolitan Transportation Commission, 2016

Subregion	Year 2010, Forecast Baseline	Year 2040, Proposed Plan	Difference, 2010–2040	Share of Regional Growth	% Growth, 2010–2040	Annual Growth Rate
Big 3 Cities	1,143,000	1,700,000	557,000	44%	+49%	+1.6%
Bayside	1,407,000	1,913,000	507,000	40%	+36%	+1.2%
Inland, Coastal, Delta	874,000	1,085,000	212,000	17%	+24%	+0.8%
<b>Total Employment*</b>	<b>3,420,000</b>	<b>4,700,000</b>	<b>1,280,000</b>		<b>+37%</b>	
<i>In PDAs</i>	<i>1,433,000</i>	<i>2,140,000</i>	<i>707,000</i>	<i>55%</i>		
<i>Outside PDAs</i>	<i>1,989,000</i>	<i>2,559,000</i>	<i>570,000</i>	<i>45%</i>		

TABLE 4.3 Employment growth by Bay Area subregion.

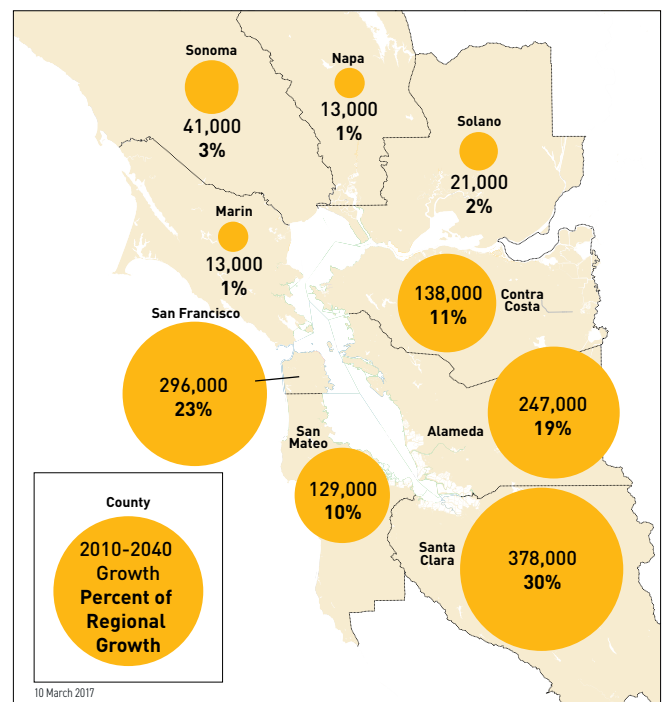
\*Values may not sum due to rounding.

Source: Metropolitan Transportation Commission, 2016



MAP 4.2 Household growth by county.

Source: Metropolitan Transportation Commission, 2016



MAP 4.3 Employment growth by county.

Source: Metropolitan Transportation Commission, 2016



Passengers board an AC Transit bus.  
Credit: MTC Archives

# Key Transportation Strategies, Investments and Projects

Plan Bay Area 2040 develops a blueprint for short-term and long-term transportation investments to support the plan’s focused growth strategy. Investment

priorities for the next 24 years reflect a primary commitment to “Fix It First,” a key emphasis area in the original Plan Bay Area as well.

As shown in Table 4.4 below, approximately 90 percent of Plan Bay Area 2040’s investments focus on operating, maintaining and modernizing the existing transportation system. Plan Bay Area 2040 also directs almost two-thirds of future funding to investments in public transit, mostly to ensure that transit operators can sustain existing service levels through 2040.

Investment Strategy	Local/ Committed Funding* (\$ Billions)	Regional Discretionary Funding* (\$ Billions)	Plan Investment* (\$ Billions)
<b>Operate + Maintain</b>			
Transit Capital Preservation	\$ 11	\$21	\$ 32
Transit Operations	104	16	120
Highways, Local Streets and Bridge Preservation	58	8	66
<b>Operate + Maintain Subtotal**</b>	<b>172</b>	<b>46</b>	<b>218</b>
<b>Modernize</b>			
Transit Modernization and Efficiency	11	10	21
Roadway Performance	12	5	17
Support Focused Growth	7	4	11
<b>Modernize Subtotal**</b>	<b>30</b>	<b>19</b>	<b>50</b>
<b>Expand</b>			
Transit Expansion	15	6	21
Roadway Expansion	9	1	10
<b>Expand Subtotal**</b>	<b>23</b>	<b>8</b>	<b>31</b>
<b>Debt Service + Cost Contingency</b>	<b>3</b>	<b>2</b>	<b>5</b>
<b>Total**</b>	<b>\$229</b>	<b>\$74</b>	<b>\$303</b>

\* In year-of-expenditure dollars.

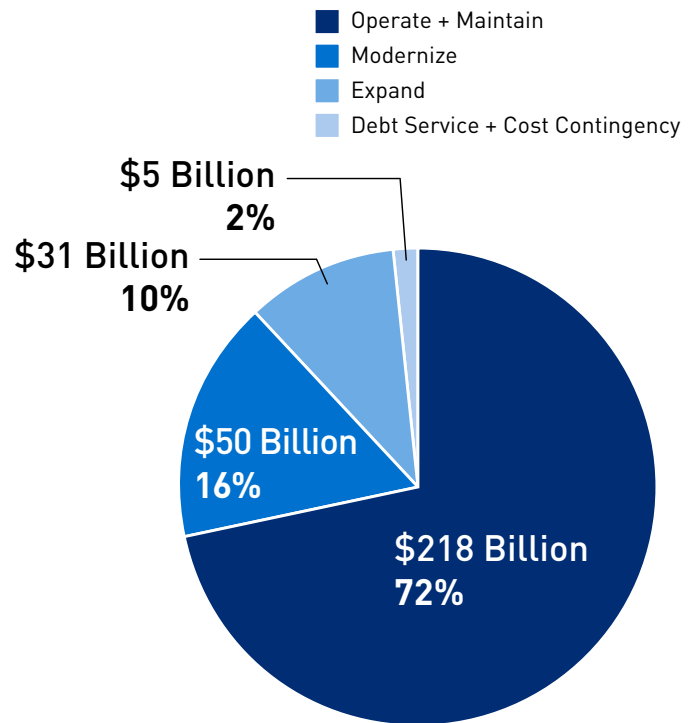
\*\* Values may not sum due to rounding.

**TABLE 4.4 Plan Bay Area 2040 funding distribution.**

Source: Metropolitan Transportation Commission, 2016



- **Operate + Maintain:** This strategy includes projects that replace transit assets, pave local streets and state highways, and operate the transit system.
- **Modernize:** This strategy includes projects that improve the existing system without significantly increasing the geographical extent of the infrastructure. Electrifying Caltrain and portions of the express lane network are two major investments in this category.
- **Expand:** This strategy includes projects that extend fixed-guideway rail service or add lanes to roadways. Extending Caltrain to downtown San Francisco and BART into Silicon Valley, as well as implementing express lanes on U.S.101 in San Mateo and Santa Clara counties, are major investments in this category.
- **Debt Service + Cost Contingency:** This includes on-going debt service and financing costs as well as a cost contingency for expansion projects.



**FIGURE 4.1 Plan Bay Area 2040 funding distribution.**

Source: Metropolitan Transportation Commission, 2016

Rank	Project	Investment* (\$ Billions)
1	California High-Speed Rail (Bay Area Segment)	\$8.5
2	Regional Express Lanes	6.0
3	BART to Silicon Valley (Phase 2)	5.5
4	BART Transbay Core Capacity Project + BART Metro Program	4.6
5	Caltrain Extension to Transbay Transit Center**	4.1
6	Caltrain Electrification (Phase 1)	2.4
7	Clipper	1.7
8	San Francisco Muni Fleet Expansion	1.3
9	Bay Area Forward	1.0
10	Treasure Island Mobility Management Program	1.0

\* Investment values are costs within the plan period and include operating expenses; shown in year-of-expenditure dollars.

\*\* Does not include \$109 million already expended on the project.

**TABLE 4.5 Top 10 Plan Bay Area 2040 investments.**

Source: Metropolitan Transportation Commission, 2016

# Environmental Impacts and Mitigation Measures in Plan Bay Area 2040

The Environmental Impact Report (EIR) for Plan Bay Area 2040 discloses potential environmental impacts and recommended mitigation measures of implementing the plan. The EIR includes a Mitigation, Monitoring, and Reporting Program that identifies who will be responsible for implementing identified mitigation measures and the required timing for implementation.

The EIR addresses impacts associated with projected growth and impacts associated with the projected land use and assumed transportation projects. Where a significant or potentially significant impact may occur, mitigation measures are provided.

Significant unavoidable impacts are those that cannot be mitigated to a less-than-significant level. To the extent that an individual project adopts and implements all feasible mitigation measures described for each significant impact, many of the impacts listed would be reduced to a less than-significant level. However, neither MTC nor ABAG can require local implementing agencies to adopt most of the mitigation measures, and it is ultimately the responsibility of a lead agency for each project to determine and adopt mitigation.

Therefore, several impacts have been identified as significant and unavoidable for purposes of the program level review. Projects taking advantage of CEQA streamlining provisions of SB 375 must apply the mitigation measures described in the EIR as necessary and feasible to address site-specific conditions. For more information on environmental impacts and mitigation measures in Plan Bay Area 2040, review the [Draft Environmental Impact Report](#) and [Draft EIR Appendices](#) and the [Final Environmental Impact Report](#) and [Final EIR Appendices](#).

The allocation of committed funds supports growth in the Bay Area’s established communities, directing approximately 72 percent of these funds to operate and maintain existing infrastructure, as shown in Figure 4.1. Table 4.5 lists the 10 highest-cost Plan Bay Area 2040 modernization and expansion investments.

[For more information about Plan Bay Area 2040’s transportation investment strategy, see the Investment Strategy Report.](#)

## Strategy 1. Operate and Maintain

Plan Bay Area 2040 directs the vast majority of funding to maintain the assets and infrastructure of the existing transportation system. Plan Bay Area 2040 fully funds transit operating needs for existing transit services while also funding the majority of remaining high-priority transit capital needs (mostly replacing vehicles and fixed guideway infrastructure such as rail tracks and power systems). When evaluated for cost-effectiveness and support for the plan’s performance targets, maintaining transit capital assets was one of the Bay Area’s highest performing investments, exhibiting high cost-effectiveness relative to most other transit expansion and highway projects. For this reason, the plan directs almost 30 percent of discretionary funding to paying down the region’s transit maintenance backlog. Despite this investment,

a remaining need of almost \$15 billion remains as shown in Table 4.6, most of which is needed to replace non-vehicle assets for BART and Muni.

The next largest regional discretionary investment is for operations and maintenance of the Bay Area’s local streets and roads. Between committed sources and future sources such as a potential regional gas tax, Plan Bay Area 2040 directs over \$35 billion for local streets and roads, which prioritizes operations expenses and costs to improve pavement condition. This still leaves a gap of almost \$8 billion to maintain existing pavement as well as non-pavement assets like signals, storm drains and sidewalks. Consequently, the regional pavement condition index, a measure of the quality of pavement on a scale from 0 (failed) to 100 (brand-new), decreases from 66 in 2015 to 62 in 2040.

Funding for maintenance on state highways and bridges is included in Plan Bay Area 2040 mostly as committed funding, since MTC does not influence where this money is spent. Plan Bay Area 2040 assumes a two-dollar toll increase on all state-owned bridges, with \$1 added in 2019 and another \$1 added in 2024. Some of this future discretionary funding would be used for additional maintenance to the Bay Area’s bridges. Included in cost projections for operating and maintaining the Bay Area’s existing transportation system is a reserve for future cost increases, financing costs and debt service.

	<b>Total Need*</b> (\$ Billions)	<b>Committed Investment*</b> (\$ Billions)	<b>Discretionary Investment*</b> (\$ Billions)	<b>Remaining Need*</b> (\$ Billions)
<b>Transit Operations</b>	\$120	\$104	\$16	\$ 0
<b>Transit Capital</b>	47	11	21	15
<b>Total</b>	<b>\$167</b>	<b>\$115</b>	<b>\$37</b>	<b>\$15</b>

\* In year-of-expenditure dollars.

**TABLE 4.6 Plan Bay Area 2040 transit operating and maintenance strategy.**

Source: Metropolitan Transportation Commission, 2016

## Strategy 2. Modernize

The Bay Area's transportation infrastructure, mostly built in the 20th century, will require significant upgrading to handle the travel volumes and travel needs of the 21st century. Modernization is critical to expand capacity on crowded BART lines, improve speeds on heavily used bus lines, add safe bicycle facilities on busy roads, install new technologies to smooth traffic flow and redesign interchanges to handle greater traffic volumes.

Plan Bay Area 2040 invests 16 percent of total revenue and 26 percent of discretionary revenue in this category, which includes cost-effective projects like freeway operation strategies, San Francisco's two congestion pricing projects and a number of bus rapid transit (BRT) lines. The plan also directs funding for pilot projects related to the evolving technology landscape for transportation, which could increase efficiency and safety across the region's freeways and arterials. These pilot projects include testing vehicle-to-vehicle and vehicle-to-infrastructure technology.

### Transit Modernization and Efficiency

In addition to investments in transit capital maintenance, Plan Bay Area 2040 will replace transit infrastructure through modernization projects that replace existing assets with infrastructure that supports either additional or more reliable service. Two examples of this type of project are Caltrain Electrification and BART Transbay Core Capacity projects. These projects replace vehicles and control systems with infrastructure that increases capacity and enables more frequent and reliable operations.

This category also includes strategic investments in transit efficiency throughout the Bay Area. These efficiency projects yield significant benefits due to planned housing growth in PDAs along light rail corridors in Santa Clara County as well as the growth of job centers in Sonoma County. Project examples include bus rapid transit along El Camino Real and

increased service for Santa Rosa CityBus. Additional bus rapid transit projects include Geary BRT and San Pablo BRT, which would serve densifying corridors in San Francisco and along the I-80 corridor in the East Bay, respectively.

### Roadway Performance

The Bay Area consistently ranks as one of the most congested metropolitan areas in the nation. With today's mature system of roadways and increased demands on available financial resources, it is no longer possible — if it ever was — for the region to build its way out of congestion. Instead, Plan Bay Area 2040 invests in ways to operate existing highways and arterials more efficiently.

Plan Bay Area 2040 invests \$17 billion over the next 24 years to support projects and programs that will boost system efficiency through technology and bottleneck relief. One such program is Bay Bridge Forward, which would implement a suite of strategies that improve the speed, reliability, and person throughput of roadways and transit service and prepare the Bay Area for technological advancements in transportation.

Critical to these strategies will be the modernization of infrastructure used to monitor travel conditions and facilitate responses to freeway incidents. In addition, efforts like San Francisco's cordon pricing program — with projects such as the Treasure Island and downtown San Francisco cordons — as well as the Regional Express Lane Network will leverage revenues generated from pricing to improve the existing system's efficiency while providing alternatives to driving.

# Key Transit and Road Improvements

The following maps show selected priority transit and road projects from the Plan Bay Area 2040 investment strategy. These projects reflect a mix of committed and discretionary investments, with local, state and federal investments. The maps show key regional transit projects, local transit projects, highway and arterial improvements, and pricing projects.

For more information on these and other Plan Bay Area 2040-funded projects and programs, please see the [Project Database](#).

## Regional Transit System Improvements

### BART Projects

- 1 BART Extension to Silicon Valley (Phase 1)
- 2 BART Extension to Silicon Valley (Phase 2)

### Commuter Rail Projects

- 3 Caltrain Electrification
- 4 Caltrain Downtown Extension (4th & King to Transbay Transit Center)
- 5 eBART (Phase 1)
- 6 SMART Extension to Windsor
- 7 SMART Extension to Larkspur

### High-Speed Rail Project

- 8 High-Speed Rail (Los Angeles/Anaheim to San Francisco)

### Infill Stations & Major Bus Terminals




- 9 Transbay Transit Center
- 10 Irvington BART Station
- 11 Union City Commuter Rail Station
- 12 Hercules Commuter Rail Station
- 13 Fairfield/Vacaville Commuter Rail Station
- 14 Petaluma SMART Station

### Ferry

- 15 **New Ferry Routes:** Treasure Island, Berkeley and Richmond
- 16 **New Ferry Terminals:** Alameda Point and Mission Bay

### Major Improvements Not Shown on Map

Listed below are the three highest cost improvement projects or programs that are not able to be mapped.

-  BART Transbay Core Capacity Improvements
-  Clipper Card
-  BART Metro

**MAP 4.4 Regional transit system improvements.**

Source: Metropolitan Transportation Commission, 2016

**MAP 4.4**

# Regional Transit System Improvements

**BART**  
 BART (Existing)  
 New BART Line

**COMMUTER RAIL**  
 Commuter Rail (Existing)  
 Improved Commuter Rail Frequencies  
 New Commuter Rail Line  
 New High-Speed Rail Line

**LIGHT RAIL**  
 Light Rail (Muni, VTA and BART to OAK)

**FERRIES**  
 Existing Ferry Route  
 New Ferry Route

**OTHER PROJECTS**  
 Infill Rail Station/  
 New Bus Terminal/  
 New Ferry Terminal

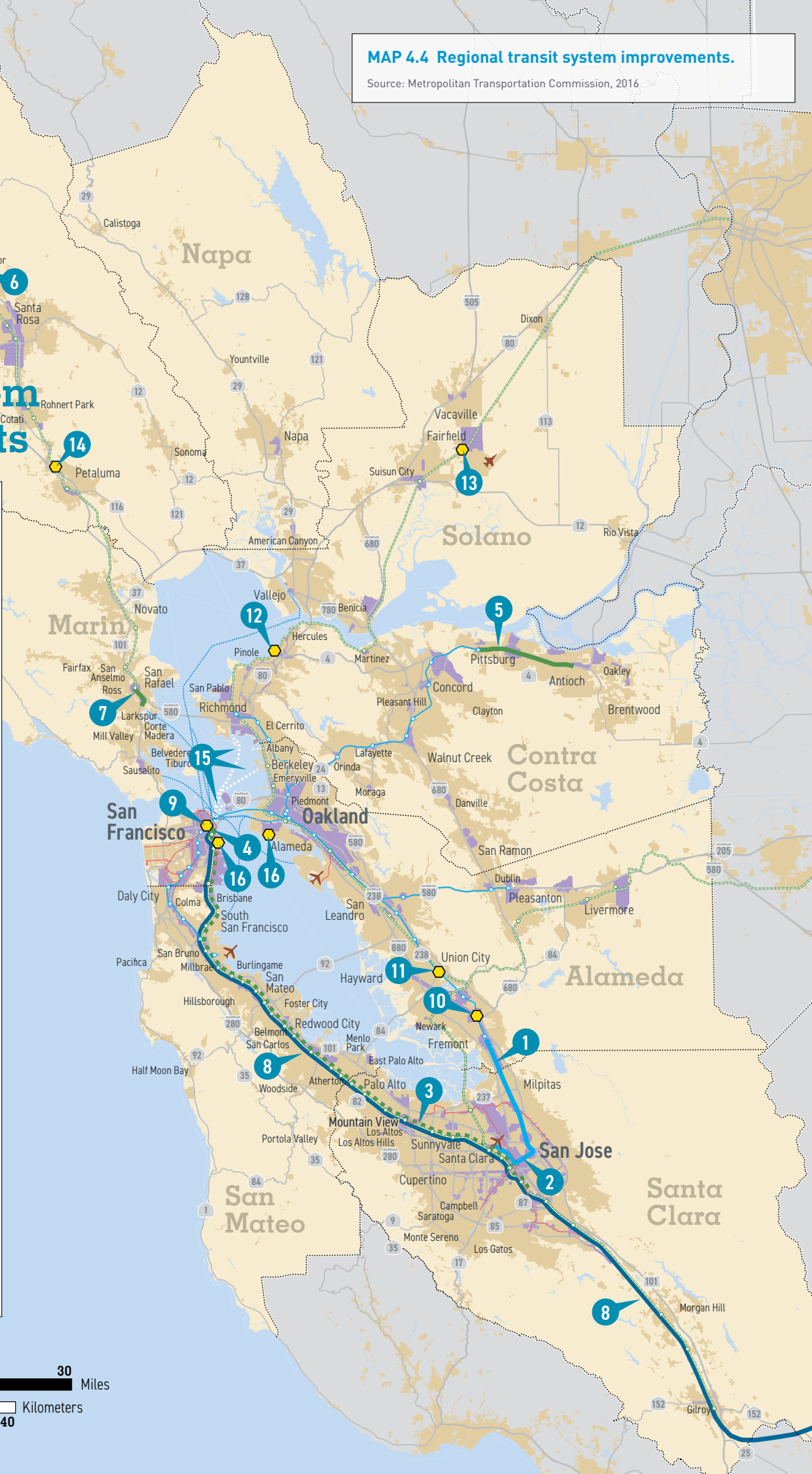
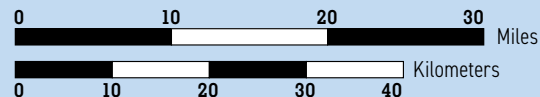
**AIRPORTS**  
 Major Airport  
 Major Military Base

**ROADS**  
 Freeway  
 Major Road

**LAND USE**  
 Urbanized Area  
 Priority Development Area (PDA)

**2010 POPULATION**  
 Oakland > 350,000  
 Novato 50,000–350,000  
 Pacifica < 50,000

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# Local Transit System Improvements

## Bus Rapid Transit (BRT) Projects




- 1 Van Ness BRT
- 2 Geary BRT
- 3 Geneva-Harney BRT
- 4 East Bay BRT
- 5 El Camino Real BRT
- 6 San Pablo BRT
- 7 Stevens Creek BRT

## Light Rail Transit (LRT) Projects

- 8 Central Subway (Chinatown to Caltrain)
- 9 Embarcadero Streetcar Extension
- 10 Vasona Light Rail Extension
- 11 Capitol Expressway Light Rail Extension

### Major Improvements Not Shown on Map

Listed below are the three highest cost improvement projects or programs that are not able to be mapped.

-  Muni Service Frequency Improvements
-  VTA Service Frequency Improvements
-  Muni Forward

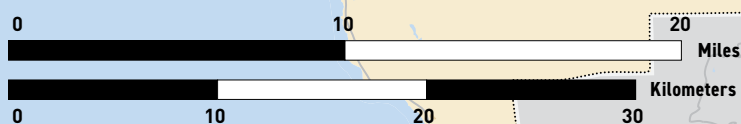
**MAP 4.5 Local transit system improvements.**

Source: Metropolitan Transportation Commission, 2016

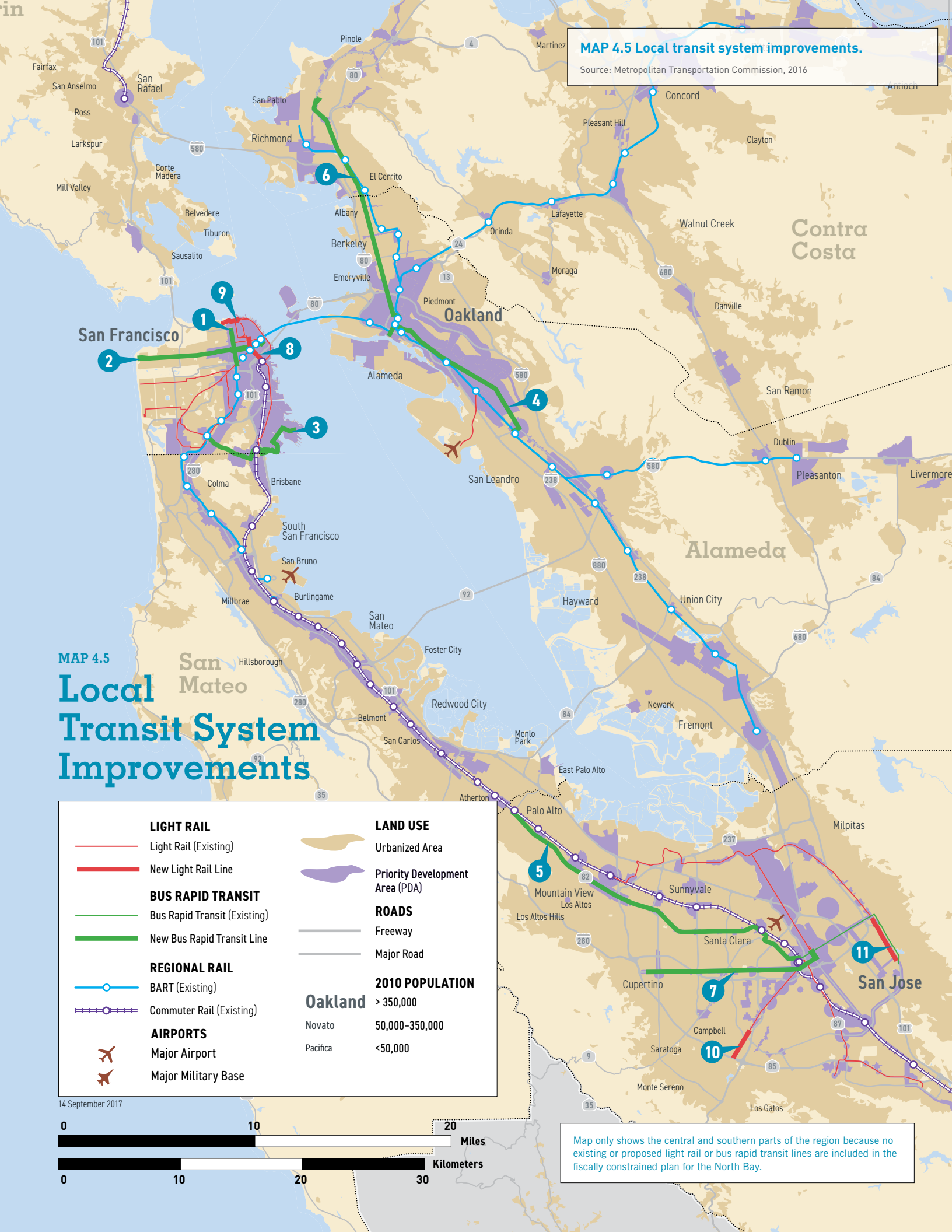
**MAP 4.5**  
**Local Transit System Improvements**

<b>LIGHT RAIL</b>	<b>LAND USE</b>
Light Rail (Existing)	Urbanized Area
New Light Rail Line	Priority Development Area (PDA)
<b>BUS RAPID TRANSIT</b>	<b>ROADS</b>
Bus Rapid Transit (Existing)	Freeway
New Bus Rapid Transit Line	Major Road
<b>REGIONAL RAIL</b>	<b>2010 POPULATION</b>
BART (Existing)	<b>Oakland</b>
Commuter Rail (Existing)	Novato > 350,000
<b>AIRPORTS</b>	Novato 50,000-350,000
Major Airport	Pacifica < 50,000
Major Military Base	

14 September 2017



Map only shows the central and southern parts of the region because no existing or proposed light rail or bus rapid transit lines are included in the fiscally constrained plan for the North Bay.





# Highway and Arterial Improvements

## U.S. 101 Corridor

- 1 Operational Improvements along Presidio Parkway
- 2 New Auxiliary Lanes from the San Francisco County Line to Oyster Point
- 3 New Interchange at Rainier Avenue
- 4 Interchange Improvements at: Produce Avenue, SR-92, Woodside Road, Zanker Road/Skyport Drive/4th Street and SR-25

## I-80 Corridor

- 5 Widening from Red Hill Road to Texas Street
- 6 Operational Improvements at Westbound Cordelia Truck Scales
- 7 Interchange Improvements at: Yerba Buena Island, San Pablo Dam Road and I-680/SR-12

## I-280 Corridor

- 8 Interchange Improvements at: Lawrence Expressway/Stevens Creek Boulevard and Winchester Boulevard

## I-580 Corridor

- 9 Integrated Corridor Management (I-680 to SR-84)
- 10 Interchange Improvements at I-680

## I-680 Corridor

- 11 Widening from I-80 to Gold Hill Road and from SR-84 to Andrade Road
- 12 Interchange Improvements at: SR-4, SR-84 and SR-262

## I-880 Corridor

- 13 Interchange Improvements at: Broadway/Jackson Street and 23rd Avenue/29th Avenue

## Expressway Corridors

- 14 San Tomas Expressway Widening (Homestead Road to Campbell Avenue)
- 15 New Lawrence Expressway Interchanges at: Reed Avenue/Monroe Street and Homestead Road

## Other State Highway Projects

- 16 SR-4 Operational Improvements (SR-242 to Bailey Road)
- 17 SR-12 Widening (Red Top Road to Main Street)
- 18 SR-84 Widening (I-680 to Pigeon Pass)
- 19 SR-262 Widening (I-880 to I-680)

## Arterial Projects

- 20 7th Street Grade Separation
- 21 East-West Connector (I-880 to Mission Boulevard)
- 22 Hunters Point/Candlestick Point Street Network
- 23 Fairgrounds Drive Widening (SR-37 to I-80)
- 24 Petaluma Crosstown Connector (McDowell Boulevard to Petaluma Boulevard)

### Major Improvements Not Shown on Map

Listed below are the three highest cost improvement projects or programs that are not able to be mapped.



Bay Area Forward



Hunters Point/Candlestick Point Road Network



Climate Program

**MAP 4.6 Highway and arterial improvements.**

Source: Metropolitan Transportation Commission, 2016

# MAP 4.6 Highway And Arterial Improvements

**HIGHWAYS & EXPRESSWAYS**

- New/Improved Interchange
- Highway Operational Improvement
- Highway Widening

**ARTERIALS**

- Grade Separation or Bridge Replacement
- New Arterial or Arterial Widening
- New Street Network

**LAND USE**

- Urbanized Area
- Priority Development Area (PDA)

**AIRPORTS**

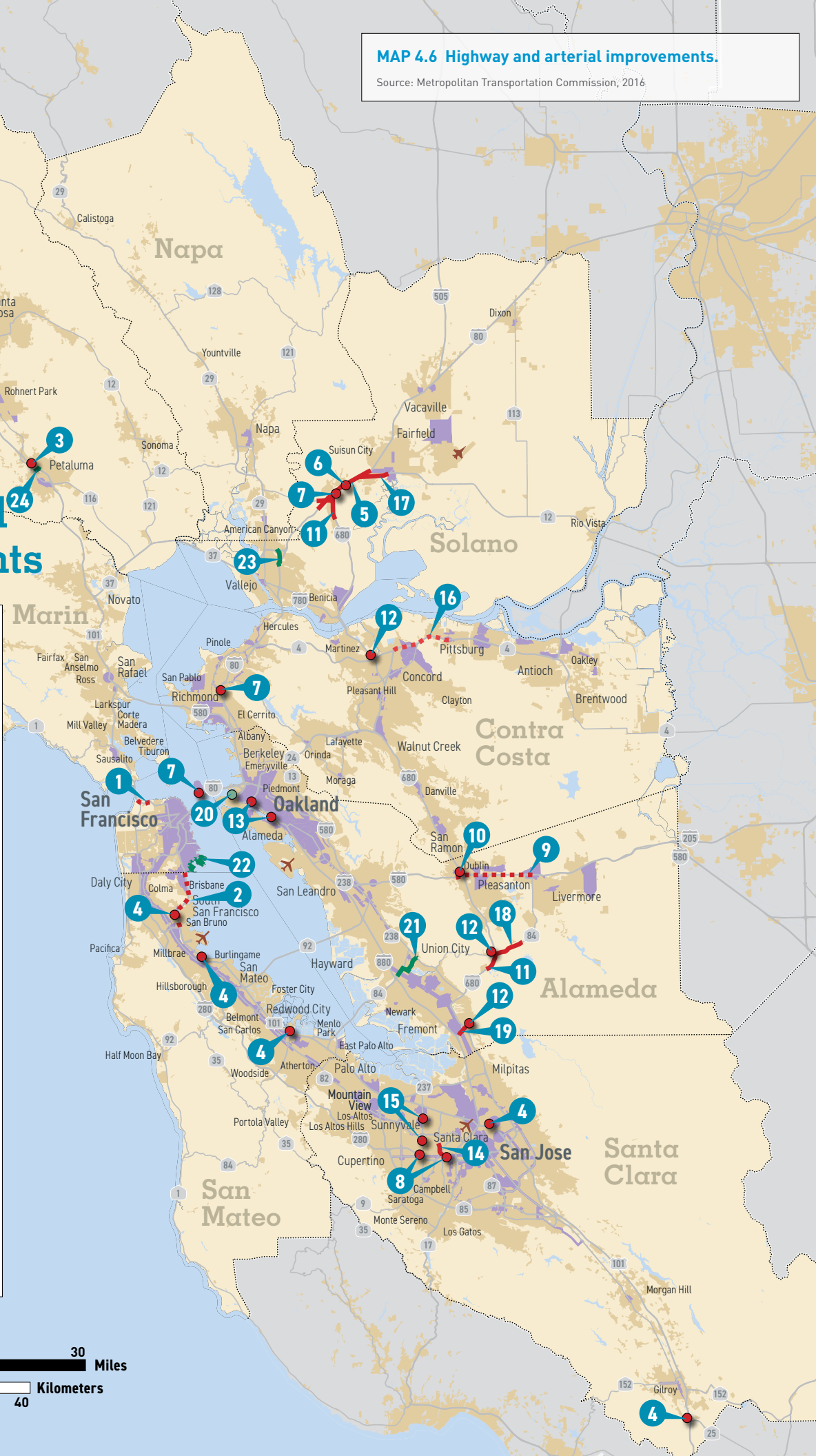
- Major Airport
- Major Military Base

**ROADS**

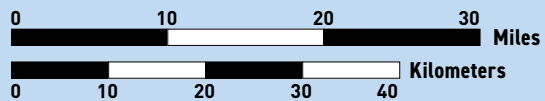
- Freeway
- Major Road

**2010 POPULATION**

Oakland	> 350,000
Novato	50,000–350,000
Pacifica	<50,000



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**MAP 4.7 Road pricing improvements.**

Source: Metropolitan Transportation Commission, 2016

**MAP 4.7  
Road Pricing  
Improvements**

**HOV NETWORK**

- Existing HOV Lane
- New HOV Lane

**EXPRESS LANE NETWORK**

- Existing Express Lane
- New Express Lane:
  - Regional Network
  - Silicon Valley Network
  - U.S. 101 Corridor

**CONGESTION PRICING ZONES**

- New Cordon Pricing Zone

**LAND USE**

- Urbanized Area
- Priority Development Area (PDA)

**AIRPORTS**

- Major Airport
- Major Military Base

**ROADS**

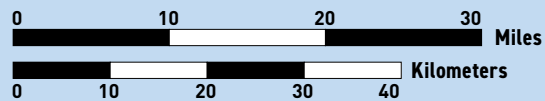
- Freeway
- Major Road

**2010 POPULATION**

- Oakland > 350,000
- Novato 50,000–350,000
- Pacifica < 50,000



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# Express Lanes

The Bay Area is becoming more familiar with express lanes as they become more widespread along Interstates 580 and 680, as well as state Route 237. Express lanes are carpool lanes that also give solo drivers the choice to pay a toll for a more reliable trip.

Carpools and buses can still use the lanes free of charge. Express lanes are a high-tech way to take advantage of available capacity in under-used carpool lanes and to improve traffic management and reliability on well-utilized carpool lanes.

With toll revenue, express lanes can offer enhanced enforcement to catch cheaters, access control to manage

merging and weaving, and more cameras and sensors to quickly identify and respond to incidents.

Plan Bay Area 2040 continues funding for completing the highest priority express lane segments. Most involve conversion of existing carpool lanes, while a smaller share would widen freeways to create new express lanes and to close gaps in the Bay Area's existing carpool lane network.

Express lane toll revenue would first fund the operations and maintenance of the lanes. Plan Bay Area 2040 invests \$450 million of discretionary revenue to complete the financing package for implementing the new express lanes.



Bay Area transportation agencies are developing a 550-mile network of Bay Area Express Lanes that will be completed in 2035. Credit: Noah Berger

# Goods Movement

Plan Bay Area 2040 is the Bay Area’s first regional plan with dedicated discretionary revenue allocated toward goods movement to implement the recommendations of the Regional Goods Movement Plan. This investment strategy includes significant funding for increasing efficiency at the Port of Oakland by reducing rail-truck conflicts and improving bottlenecks at interchanges along the truck freight network. Additionally, the investment strategy carves out \$350 million for a clean fuel and impact-reduction program, which was a major element of the Regional Goods Movement Plan.

Key strategies include:

- **MODERNIZING INFRASTRUCTURE:** Projects to improve operations and increase rail access at the Port of

Oakland, including 7th Street Grade Separation, Outer Harbor Intermodal Terminal and Oakland Army Base transportation components; highway projects and interchange improvements along freight corridors such as I-880, I-80, U.S. 101, I-580, I-680 and state Route 4.

- **CLEAN FUELS AND IMPACT REDUCTION:** Future program for implementing the recommendations of the Freight Emissions Reduction Action Plan and developing programs for environmental and community impact reduction in neighborhoods with high levels of freight activity.
- **SMART DELIVERIES AND OPERATIONS:** Future program for deploying communications infrastructure to increase active traffic management along freight corridors and to/from the Port of Oakland.

Strategy	Investment* (\$ Billions)
Modernizing Infrastructure	\$4.4
Clean Fuels and Impact Reduction	0.4
Smart Deliveries and Operations	0.3

\* In year-of-expenditure dollars.

**TABLE 4.7 Plan Bay Area 2040 goods movement investments.**

Source: Metropolitan Transportation Commission, 2016



A freight yard in Fairfield, Solano County.  
Credit: Karl Nielsen

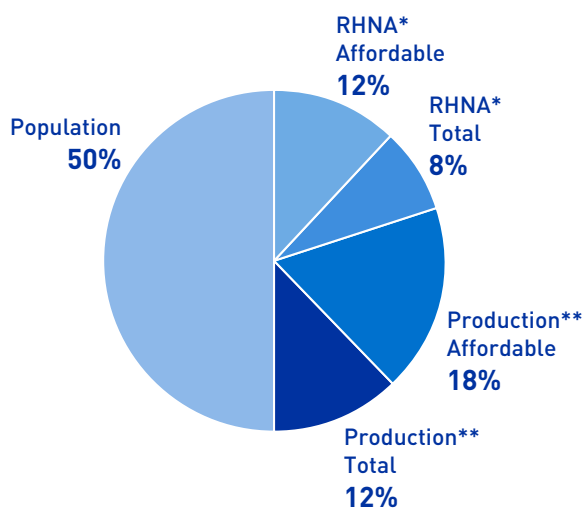
## Supporting Focused Growth and Reducing Greenhouse Gas Emissions

In addition to significant transit and roadway performance investments to encourage focused growth, Plan Bay Area 2040 directs funding to neighborhood active transportation and complete streets projects, climate initiatives, lifeline transportation and access initiatives, safety programs, and PDA planning.

These programs directly support major Plan Bay Area 2040 goals by assisting Priority Development Areas, emphasizing connections to high-quality transit and reducing greenhouse gas emissions. As in the original Plan Bay Area, this plan makes a significant

contribution to increasing the convenience and safety of walking and bicycling. Plan Bay Area 2040 continues to provide flexibility for congestion management agencies to fund eligible projects under the [One Bay Area Grant \(OBAG\) program](#), including transportation infrastructure that supports infill development such as bicycle and pedestrian improvements, local street repair, and planning activities, while also providing specific funding opportunities for [Safe Routes to Schools](#) projects and Priority Conservation Areas.

Finally, the transportation investments and land use development pattern in Plan Bay Area 2040 will not be sufficient on their own to reach the Bay Area's statutory 2035 CO<sub>2</sub> emissions reduction targets. Over half the plan's required reductions will be achieved



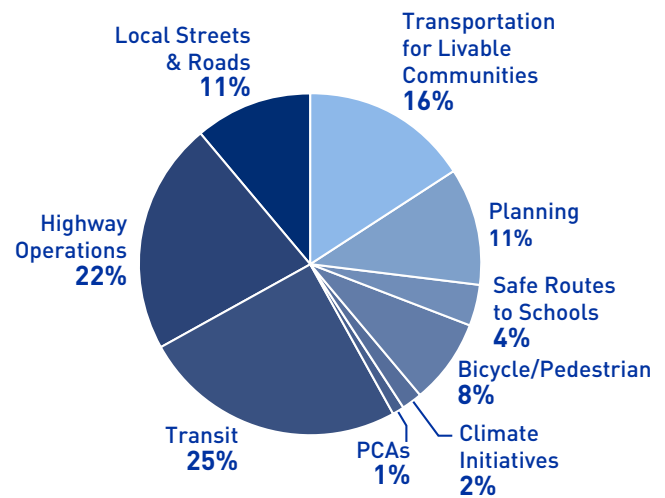
**FIGURE 4.2** Distribution formula for OBAG 2 County Program.

Source: Metropolitan Transportation Commission, 2016

The five-year, \$916 million One Bay Area Grant (OBAG 2) program is the second cycle of funding integrating the Bay Area's federal transportation program with California's climate laws and the regional Sustainable Communities Strategy. OBAG 2 will fund projects from 2017–18 through 2021–22 and will support local transportation, housing, land use and environmental goals. OBAG 2 is divided into a County Program and a Regional Program. County Program funds are distributed based on factors such as population, past housing production and future housing commitments.

\* Per the 2014–2022 Regional Housing Need Allocation.

\*\* Per the 1999–2006 and 2007–2014 Housing Production Report from ABAG.



**FIGURE 4.3** Project selection results for the OBAG 1 program.

Source: Metropolitan Transportation Commission, 2016

The inaugural One Bay Area Grant (OBAG 1) program was adopted by MTC in 2012 to guide \$818 million in federal funds over the five-year period from 2012–13 through 2016–17. Figure 4.3 provides a breakdown of all the funding programmed during the grant cycle. As can be seen, OBAG funds supported a variety of regional needs such as transit (including Clipper), highways and roadways, Safe Routes to School, and bicycle and pedestrian planning, as well as planning activities, climate initiatives and conservation.

through strategies that are part of MTC's Climate Initiatives Program. The program's primary objectives are to invest in strategies that reduce transportation-related emissions and vehicle miles traveled and encourage the use of cleaner fuels through incentives, education, policies and programs. The Climate Initiatives Program focuses on two primary strategies:

1. **Transportation Demand Management Strategies**, including bicycle and pedestrian networks, transit, targeted transportation alternatives, trip caps, car sharing, vanpool incentives and commuter benefits ordinances.
2. **Alternative Fuel and Vehicle Strategies**, including plug-in electric vehicle infrastructure

## Transportation Equity Roadmap

Plan Bay Area 2040 includes a nearly \$70 billion "Equity Roadmap" that makes major investments toward bus operations (\$62 billion); increases in bus service and other improvements (\$5 billion); county access initiatives (\$1 billion); and lifeline, mobility management and means-based fare programs (\$900 million). The investment strategy funds existing bus operations as well as significant increases in bus service through 2040 at a higher annual rate than the original Plan Bay Area. Several of the region's transit operators, including AC Transit, VTA and others, have increased service since the previous plan was adopted.

Plan Bay Area 2040 directs \$800 million to the Lifeline Transportation Program, which will fund priority projects identified by residents in MTC's Communities of Concern. The Lifeline Program implements locally crafted Community-Based Transportation Plans,

which MTC also funds, and can include community shuttles, transit services, streetscape improvements and bus stop amenities. Additionally, the investment strategy directs \$90 million for a future mobility management program. Through partnerships with transportation service providers, mobility management enables communities to monitor transportation needs and to link individuals to appropriate, cost-efficient travel options. This strategy is especially key to the region's ability to address growth in the Bay Area's population of seniors and persons with disabilities.

County programs will contribute \$300 million to similar initiatives, such as an affordable-fare program in San Francisco, a low-income school bus program in Contra Costa County and expanded late-night transportation operations for workers traveling from San Francisco. Counties will invest another \$700 million in expanding paratransit services that directly benefit persons with disabilities, many of whom are also seniors.



and charging stations; incentives for plug-in vehicles, especially for lower- and moderate-income households; promotion of emission reduction technology; and marketing and education efforts.

Additionally, the plan includes carpooling incentives — including private sector ride-matching applications that target utilization of express lane corridors — free bridge tolls, first/last mile solutions to transit and other strategies. Together, these strategies incorporate emerging trends and technological advances to efficiently reduce CO<sub>2</sub> emissions and provide more equitable and affordable travel options for all Bay Area residents. Plan Bay Area 2040 directs \$526 million to the regional Climate Initiatives Program, \$56 million for incentivizing higher levels

of carpooling and \$212 million for county-sponsored greenhouse gas reduction initiatives.

For more information on how travel demand is modeled in Plan Bay Area 2040, please see the [Travel Modeling Report](#).

## Strategy 3. Expand

The remaining 10 percent of funding is directed toward a set of transit extensions and roadway expansions. The BART extension to San Jose and Santa Clara, as well as the Caltrain Downtown San Francisco Extension, for example, will provide new rail links to the hearts of the Bay Area's two largest cities.

These projects are top regional priorities for [Federal New Starts](#) funding over the next five years. This

## Core Capacity Transit

Plan Bay Area 2040 invests almost \$24 billion — 10 percent of its funding and 15 percent of discretionary funding — to increasing transit capacity throughout the region's core by connecting jobs and people between San Francisco and Silicon Valley via transit expansion and modernization projects. Several of these projects are key to the implementation of MTC's [Core Capacity Transit Study](#), a collaboration of MTC and five of the region's major transit operators. The study identifies short-, mid- and long-term strategies to relieve the transit capacity and reliability challenges facing travel to and from San Francisco's employment core.

### Major projects include:

- Extending BART to Silicon Valley
- Extending Caltrain to downtown San Francisco
- Increasing frequencies and capacity on BART
- Electrifying and modernizing Caltrain
- Extending light rail service in Santa Clara County
- Increasing bus and rail frequencies throughout San Francisco
- Further design work on a new transbay transit tube

category also includes VTA's planned light rail extensions for the Capitol Expressway and Vasona lines, SMART extensions to Larkspur and Windsor, and a \$640 million reserve for future New Starts priorities.

The largest transit expansion project in this category is the Bay Area segment of California High-Speed Rail, with a price tag of over \$8 billion for the Bay Area alone.

Also in this category are select roadway expansions along highways and arterials throughout the region, the largest being new express lanes along U.S. 101 from San Francisco to Morgan Hill in the South Bay. This project is expected to reduce congestion and to

increase commuters' choices along several of the most congested freeway segments in the Bay Area. A sum of all investments that would significantly increase transit capacity in core locations is in Table 4.8.

## Plan Performance

As previously described, the plan's land use and transportation pattern is required by law to achieve two things by 2040: a reduction in per-capita CO<sub>2</sub> emissions from passenger vehicles and adequate housing for the Bay Area's expected population growth. Plan Bay Area 2040 successfully achieves

Location	Investment* (\$Billions)
Transbay Corridor	\$ 5.9
Peninsula Corridor	7.3
Within San Francisco	2.7
Within Santa Clara County	8.2
Planning for Future Capacity Projects	0.5
<b>Total</b>	<b>\$24.6</b>

\* In year-of-expenditure dollars.

**TABLE 4.8 Plan Bay Area 2040 core capacity projects**

Source: Metropolitan Transportation Commission, 2016



Transit is a cornerstone of sustainability in the Bay Area.  
Credit: Noah Berger

both of these targets. How does Plan Bay Area 2040 do at meeting the rest of the voluntary, aggressive and aspirational performance targets adopted by MTC and ABAG?

As seen in Table 4.9, of the 13 total adopted performance measures, Plan Bay Area 2040 achieves five targets, including the two mandatory targets. Plan Bay Area 2040 makes progress on another four but is unfortunately moving in the wrong direction on four performance targets.

[For more information about Plan Bay Area 2040's performance, please see the Performance Assessment Report.](#)

## Environment

On the environment front, Plan Bay Area 2040 is particularly successful at protecting the climate and preserving open space and agricultural lands. Plan Bay Area 2040's per-capita CO<sub>2</sub> emissions reductions meet and exceed the Senate Bill 375 target for year 2035 thanks in part to robust funding of the [Climate Initiatives Program](#). Similarly, Plan Bay Area 2040 protects thousands of acres of land from development and fully achieves its ambitious open space and agricultural preservation target.

However, Plan Bay Area 2040's "Fix It First" emphasis means that only 10 percent of the plan's investments are directed toward expanding capacity-constrained freeways and transit lines. This resulted in limited performance improvements for travel mode shift and public health.

## Economy

On the economy front, Plan Bay Area 2040 maintains middle-wage jobs, improves goods movement and reduces congestion. Unfortunately, financial constraints lead to challenges in attaining all of Plan Bay Area 2040's transportation targets, including

maintenance and modernization of the region's aging transportation infrastructure and improving access to jobs.

Without additional funding, the Bay Area will be unable to achieve an ideal state of good repair by year 2040, particularly for pavement conditions on streets, roads and highways.






## Equity

Finally, regional affordability and equity challenges, including displacement risks, are expected to worsen by 2040 despite the inclusion of a range of aggressive assumptions about affordable housing subsidy strategies. Without new funding sources to construct significant numbers of affordable housing units, Plan Bay Area 2040 is only slightly growing the existing share of affordable housing in PDAs or transit-rich, high-opportunity communities, rather than doubling it per the adopted target.





While Plan Bay Area 2040 performs better than any other transportation and land use scenario previously evaluated for displacement risk — notably reducing the number of at-risk households by 89,000 compared to the "No Project" conditions described below — it still results in elevated risk levels compared to year 2010. Increases in displacement risk are forecast to be significantly greater outside Communities of Concern in Plan Bay Area 2040.

## Results of Plan Bay Area 2040 Target Assessment

### Plan Meets or Exceeds Target

Climate Protection	Reduce per-capita CO <sub>2</sub> emissions from cars and light-duty trucks by 15%.	Plan meets and exceeds target, reducing per-capita CO <sub>2</sub> emissions by 16% by 2035.	
Adequate Housing	House 100% of the region's projected growth by income level without displacing current low-income residents and with no increase in in-commuters over the Plan baseline year.	Plan meets target, housing 100% of population growth without increasing the number of in-commuters.	
Open Space and Agricultural Preservation	Direct all non-agricultural development within the urban footprint (existing urban development and UGBs).	Plan meets target, directing all non-agricultural development within the existing urban footprint and existing growth boundaries.	
Economic Vitality	Increase by 38% the number of jobs in predominantly middle-wage industries.	Plan meets and exceeds target, growing the number of jobs in middle-wage industries by 43%.	
	Reduce per-capita delay on the Regional Freight Network by 20%.	Plan meets and exceeds target, reducing per-capita delay on major freight corridors by 29%.	

### Plan Makes Progress Toward Target

Healthy and Safe Communities	Reduce adverse health impacts associated with air quality, road safety and physical inactivity by 10%.	Plan reduces health impacts by 1% but falls short of target.	
Equitable Access	Increase the share of affordable housing in PDAs, TPAs or high-opportunity areas by 15%.	Plan increases the share of affordable housing in key areas by 3% but falls short of target.	
Transportation System Effectiveness	Increase non-auto mode share by 10%.	Plan boosts non-auto mode share by 3% but falls short of target.	
	Reduce per-rider transit delay due to aged infrastructure by 100%.	Plan reduces per-rider delay due to aged transit infrastructure by 75% but falls short of target.	

### Plan Moves in Opposite Direction From Target





Equitable Access	Decrease the share of lower-income residents' household income consumed by transportation and housing by 10%.	Plan moves in opposite direction from target; share of lower-income household income required for housing and transportation costs is expected to increase by 13%.	
	Do not increase the share of low- and moderate-income renter households in PDAs, TPAs or high-opportunity areas that are at risk of displacement.	Plan moves in opposite direction from target; share of lower-income households at risk of displacement is expected to increase by 5%.	
Economic Vitality	Increase by 20% the share of jobs accessible within 30 minutes by auto or within 45 minutes by transit in congested conditions.	Plan moves in opposite direction from target; share of jobs accessible within 30 minutes by auto or 45 minutes by transit is expected to decline by less than 1%.	
Transportation System Effectiveness	Reduce vehicle operating and maintenance costs due to pavement conditions by 100%.	Plan moves in opposite direction from target; vehicle operating and maintenance costs due to pavement conditions are expected to grow by 6%.	

TABLE 4.9 Results of Plan Bay Area 2040 target assessment.

Source: Metropolitan Transportation Commission, 2016

# Equity Analysis for Plan Bay Area 2040

MTC and ABAG conducted a detailed analysis at multiple stages of the plan development process to ensure that policies and projects included in Plan Bay Area 2040 benefit disadvantaged populations, including low-income and minority populations, at the same level, or better, than non-disadvantaged populations.

The equity analysis includes both the federally-required disparate impact and non-discriminatory (Title VI) and environmental justice analysis, as well as an overall performance analysis of Plan Bay Area 2040 based on equity measures adopted by MTC in January 2016 (Resolution 4217).

In addition, MTC's commitment to environmental justice is embodied in two Environmental Justice Principles adopted by the Commission in 2007. The adopted principles affirm MTC's ongoing commitments to:

- Create an open and transparent public participation process that empowers low-income communities

and communities of color to participate in decision-making that affects them; and

- Collect accurate and current data essential to defining and understanding the presence and extent of inequities, if any, in transportation funding based on race and income.

In spring 2015, MTC and ABAG formed the Regional Equity Working Group (REWG) to advise staff on the equity analysis's development, including identifying equity measures, defining communities of concern and developing the methodology for assessment. The REWG brought together stakeholders from around the Bay Area representing low-income and minority communities; seniors and persons with disabilities; staff representing local jurisdictions, transit agencies and county congestion management agencies (CMAs); public health departments; and community-based organizations and advocacy groups. All REWG meetings were open to the public.

For more information, please see the [Equity Analysis Report](#).

	Goal	Plan Bay Area 2040 Performance	
<b>Goods Movement/Congestion Reduction</b>	-20%	-29%	
Middle-Wage Job Creation	+38%	+43%	
Climate Protection	-15%	-16%	
Open Space and Agricultural Preservation	100%	100%	
Adequate Housing	100%	100%	
Transit Maintenance	-100%	-75%	
Non-Auto Mode Shift	+10%	+3%	
Affordable Housing	+15%	+3%	
Healthy and Safe Communities	-10%	-1%	
Access to Jobs	+20%	-0%	
Road Maintenance	-100%	+6%	
Displacement Risk	+0%	+5%	
<b>Housing + Transportation Affordability</b>	-10%	+13%	

**TABLE 4.10 Ranking of Plan Bay Area 2040 performance against targets.**

Source: Metropolitan Transportation Commission, 2016

Plan Bay Area 2040’s performance on housing and transportation affordability is particularly disconcerting, as shown in Table 4.10. For lower-income households, housing and transportation costs as a share of income go from 54 percent of household income in 2005 to 67 percent of household income in 2040. This performance is far off-trajectory compared to Plan Bay Area 2040’s stated goals.

All this said, Plan Bay Area 2040’s performance along key measures remains significantly better than a potential future with “No Project”— that is, a future without Plan Bay Area 2040’s recommended land use and transportation strategies. In particular, under a “No Project” alternative the Bay Area would see higher levels of per-capita CO<sub>2</sub> emissions, more loss of open space and agricultural lands, greater levels of displacement, more delay in the freight network, even higher housing and transportation costs, and

much higher levels of transportation operating and maintenance costs due to deteriorating transportation asset conditions.

It is important to emphasize once again that these targets were quite aggressive, and it is therefore not surprising that Plan Bay Area 2040 falls short on meeting some of the adopted performance targets. As seen in the preceding section, the Bay Area has significantly more regional resources and tools available to address its transportation needs compared to its housing needs.

To truly address affordability and equity challenges, an engaged public and government at all levels will need to act. In particular, the Bay Area will need more aggressive policies and significantly more funding to deal with the housing crisis, as described in the next section, “Action Plan.”



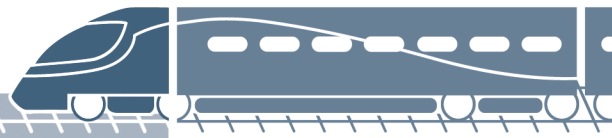
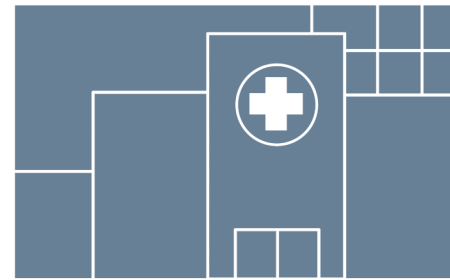
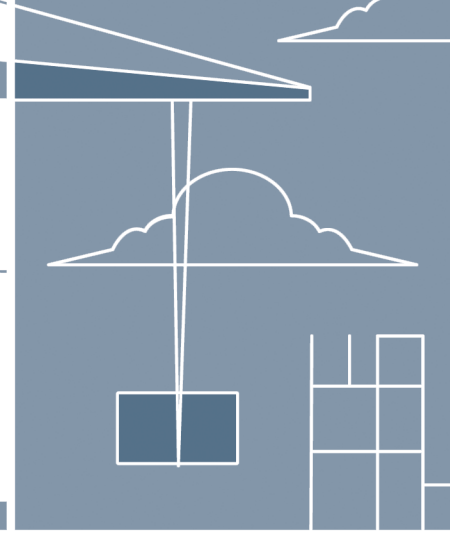


An aerial view over Sonoma County.  
Credit: Karl Nielsen





## FINANCIAL ASSUMPTIONS REPORT



# Plan Bay Area 2040

## FINAL SUPPLEMENTAL REPORT



Metropolitan  
Transportation  
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Association  
of Bay Area  
Governments

JULY 2017

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# Plan Bay Area 2040: Final Financial Assumptions Report

July 2017



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## Financial Assumptions

Funds to implement Plan Bay Area 2040 come from federal, state, regional, and local funding sources. Many funding sources and programs have specific purposes and eligibility restrictions, while various funding sources and programs provide flexibility. The following section details the fund sources and their respective funding programs of Plan Bay Area 2040's revenue projections. The revenues detailed in the following section are presented in Table 4. The 24-year period covered by the revenue forecast begins in Fiscal Year (FY) 2016-17 and extends through FY 2039-40.

Projected revenues in Plan Bay Area 2040 reflect fiscal constraint as required by 23 CFR part 450.324. Forecasted revenues are presented in nominal, or "year-of-expenditure dollars" and consist of all revenues that are "reasonably expected to be available" within the plan period. The Plan assumes a 2.2 percent inflation rate, the same inflation rate as the 2013 Plan. This rate is consistent with the 2014 ten-year inflation forecasts for the Bay Area from the California Department of Finance, the U.S. Federal Reserve, and the federal Office of Management and Budget (OMB).

## Federal Funding

Federal transportation revenues are generated through a Federal fuel excise tax (18.4 cents a gallon of gasoline and 24.4 cents a gallon of diesel fuel). The generated revenues are deposited into the Highway Trust Fund (HTF). Generally, about 85 percent of the HTF revenues are directed to the Highway Account and the remaining 15 percent of the HTF revenues are directed to the Transit Account.

At the time the revenue forecasts for Plan Bay Area 2040 were prepared, the transportation funding framework that was in place for federal funds was the Fixing America's Surface Transportation Act (FAST Act). The FAST Act was signed into law on December 4, 2015 by President Obama and is the first federal law in over a decade to establish a long-term funding framework for transportation. The FAST Act established federal funding levels through federal Fiscal Year 2020.

### Federal Highway Administration (FHWA) Funding

The federal highway program is assumed to continue in its current form. Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) Program and Highway Bridge funds are assumed to grow at a rate of 2 percent annually from FY 2016-17 to FY 2021-22 and 3 percent for the remainder of the Plan. Base year revenue is set at the amount of actual federal funds received in the Bay Area in FY 2013-14, and the Bay Area is projected to receive its historically proportionate share of these programs. The FAST Act also established two new programs related to goods movement, the National Highway Freight Program and the National Significant Freight and Highway Projects Discretionary Program.

## Federal Transit Administration (FTA) Funding

Federal Transit Administration programs — Sections 5307, 5309, 5310, 5311, 5337, 5339 and 5340 — are based on the FAST Act nationally authorized levels and are assumed to grow at a rate of 2 percent annually from FY 2016-17 to FY 2021-22 and 3 percent for the remainder of the Plan (except for Section 5309 which is assumed to be flat as authorized in the FAST Act). The Bay Area is assumed to receive its historical proportionate share for formula programs and is assumed to receive an average of nearly 8 percent of Section 5309 funds available nationally.

## State Funding

State transportation revenues are generated through a State fuel excise tax (27.8 cents a gallon of gasoline and 16 cents a gallon of diesel fuel as of July 1, 2016), truck weight fees, a fuel tax swap that eliminated the transportation-dedicated state sales tax on gasoline and instead imposed an additional excise tax on gasoline that would fluctuate annually to remain revenue neutral with the former sales tax, and a general state sales and use tax. Senate Bill 45 (SB 45) of 1997 establishes the program structure and distribution formulas for most state transportation funds. These assumptions are based on a continuation of SB 45.

The state funding programs estimated to be available over the 24-year period to the Bay Area region include: the State Highway and Operations Program (SHOPP), the State Transportation Improvement Program (STIP), State Transit Assistance (STA), Active Transportation Program (ATP), Cap and Trade fund programs that support transportation projects, state High Speed Rail funds, remaining Proposition 1B (2006) funds, and funds for local street and road maintenance and operations through gas tax subvention funds and the fuel tax swap (AB 105).

Assumptions underlying the prices and level of consumption for motor vehicle fuel used in the financial projections utilize base figures and growth rates developed jointly by MTC, the Southern California Association of Governments (SCAG), the San Diego Association of Governments (SANDAG), and the Sacramento Area Council of Governments (SACOG), California's four largest metropolitan planning organizations (MPOs). These joint assumptions are used by each of the four MPOs in the development of their updated regional plans.

Year	Price Assumptions (2015\$)	Bay Area Daily Consumption (1,000 gallons)	Change in Consumption
2015	\$3.83	7,054	N/A
2035	\$5.29	4,079	-42%

**Table 1. MPO Agreement Fuel Assumptions**

Table 1 shows the fuel assumptions from the MPO agreement for 2015 and 2035 (the final year of the MPO agreement). Assumptions contained in the MPO agreement were used to produce year by year forecasts for the Plan revenue forecast. For the period from 2035 to 2040, staff used a linear growth rate for the remaining years of the Plan period. It is important to note that consumption forecasts for diesel fuel are expected to increase slightly over the course of the Plan, not decrease, therefore revenues generated from diesel fuel taxes (e.g., STA) are not expected to be significantly impacted.



## SHOPP

SHOPP revenues are based on funding levels and growth rates assumed in the 2016 STIP Fund Estimate. The share of SHOPP funds assumed to flow to the Bay Area over the 24-year period is based on the region's share of population relative to the State, currently approximately 19 percent.

## STIP

STIP funds and Interregional Transportation Improvement Program (ITIP) funds are consistent with the estimates of the 2016 STIP Fund Estimate and are distributed 75 percent to the Regional Transportation Improvement Program (RTIP) and 25 percent to the ITIP. The RTIP funds are further distributed, consistent with the formula specified in SB 45. STIP revenues are assumed to maintain the current structure and distribution formula, as laid out in SB 45, over the 24-year period. Revenue projections assume a decrease in motor vehicle fuel consumption as detailed in the MPO Agreement above.

## STA

STA program revenues are distributed 50 percent to the Population-Based program, and 50 percent to the Revenue-Based program. STA program revenues are based on current funding formulas and projections for fuel price and consumption growth consistent with the MPO agreement as described above. The revenue forecast assumes that the STA program is funded primarily through the 1.75 percent sales tax on diesel fuel. All distribution factors are assumed fixed for the duration of the forecast at FY 2014-15 levels (except where a new eligible operator is assumed to commence operations).

## Gas Tax Subventions

Gas tax subvention revenues are assumed to maintain the current structure and distribution formula over the 24-year period.

## Proposition 1B

Proposition 1B, the Highway Safety, Traffic Reduction, Air Quality and Port Security Bond Act, approved by voters in 2006, provides funding for a variety of transportation programs. The revenue forecast for the Plan includes estimates of the Bay Area's remaining share of Proposition 1B programs beyond what has been received or programmed through FY 2015-16.

## High Speed Rail

Revenues forecasted for high-speed rail include funds anticipated to complete the project in the Bay Area from 4<sup>th</sup> and King Streets in San Francisco through Santa Clara County. These funds are assumed to come from both Proposition 1A (2008), the Safe, Reliable High-Speed Passenger Train Bond Act as well as from Cap and Trade High Speed Rail funds. The region's cost was estimated based on discussions with High Speed Rail Authority partners.

## Cap-and-Trade

Cap-and-Trade program auction proceeds are components of a variety of funding programs in the Plan, including the Affordable Housing and Sustainable Communities (AHSC) program, Cap and Trade High Speed Rail funds, Cap and Trade funds dedicated to goods movement projects, the Low Carbon Transit Operations Program (LCTOP), and the Transit and Intercity Rail Capital (TIRCP) program. All revenue forecasts for Cap and Trade programs assume \$2.5 billion in annual auction revenue generations. Forecast assumptions are consistent with MTC’s adopted Cap and Trade framework MTC Resolution 4130, Revised.

Cap and Trade Program	Assumed Bay Area % Share of Total
Affordable Housing & Sustainable Communities Program	30%
Cap & Trade High Speed Rail	19%
Low Carbon Transit Operations Program Population-Based	19%
Low Carbon Transit Operations Program Revenue-Based	54%
Transit and Intercity Rail Capital Program	30%
40% Un-programmed Cap and Trade Funds	6.3% (19% of 33% of total un-programmed funds benefiting transportation projects)

**Table 2. Cap and Trade Bay Area Shares**

## Regional Funding

Regional transportation revenues are generated through a number of sources, including: general sales and use taxes, bridge tolls, express lanes, and a future regional excise tax on gasoline.

### Assembly Bill 1107 (AB 1107)

Revenues from AB 1107 (1977), the half-cent sales tax for the three BART counties of Alameda, Contra Costa and San Francisco, are distributed 75 percent to BART, and 25 percent to MTC. Revenues are assumed to grow at a rate derived by taking a weighted average of sales tax growth rates estimated by the sales tax authorities in each of the three counties.

### Bridge Toll

Bridge toll revenues are based on projected travel demand on the region’s seven state-owned toll bridges. Toll-paid travel on the bridges is projected to grow at varied annual rates of between 0.3 and 0.5 percent over the 24-year period. It was assumed that in FY 2019-20 bridge tolls would increase by \$2 per crossing.

## Regional Express Lanes

Regional Express Lane Network revenues included in the financially constrained plan represent projected gross toll revenue for express lanes in Solano, Contra Costa and Alameda counties, which will be operated by MTC and the Alameda County Transportation Commission. Over the course of the Plan period, these revenues will be wholly dedicated to meet the operations, maintenance, rehabilitation, and capital financing of the Network. The revenue estimates are from MTC's 2011 application to the California Transportation Commission. Toll revenues from express lanes in Santa Clara County, which are considered Committed, are included in the Local Revenues section of the Plan Bay Area 2040 Revenue Forecast.

## Regional Gas Tax

Regional gas tax revenues included in the financially constrained plan represent revenues collected from a regional 10 cent excise tax on gasoline beginning in FY 2021-22. The revenue estimate is based on the Bay Area's share of statewide gasoline consumption.

## Local Funding

The majority of funds that support Plan Bay Area 2040 come from local funding sources, primarily dedicated sales tax programs, revenues dedicated to local street and road maintenance and operations, transit fares and other transit revenues, and other local pricing initiatives.

### Sales and Use Taxes and Transportation Development Act (TDA)

County and transit district transportation sales tax revenues in Alameda, Contra Costa, Napa, Marin, San Francisco, San Mateo, Santa Clara and Sonoma counties as well as TDA are based on estimates provided by the respective sales tax authorities in those counties. Measures that are set to expire within the 24-year period are assumed to be renewed. Where they do not currently exist, transportation sales tax measures were not assumed in the financially constrained plan.

These estimates are used in the revenue forecast to maintain consistency with sales tax expenditure and strategic plans. To maintain consistency, TDA growth rates also assume the same growth rates as those provided by the sales tax authorities in their respective counties. Table 3 below details the projected sales tax growth rates for county and transit district measures and TDA.

County	Average Sales Tax Growth Rate
Alameda	1.23%
Contra Costa	3.83%
Marin	2.00%
Napa	0.36%
San Francisco	3.57%
San Mateo/SamTrans	1.00%
Santa Clara/VTA	2.80%
Solano*	1.94%
Sonoma	4.00%
SMART	2.85%
AB 1107**	2.56%

\*Sales tax forecast for Solano County is based on a ten year retrospective analysis of actual TDA receipts.

\*\*AB 1107 forecast is the weighted average of projected growth rates for Alameda, Contra Costa, and San Francisco counties.

**Table 3. Projected Sales Tax Growth Rates**

### Local Streets and Roads

Local streets and roads revenue includes funds made available from local sources (not including county transportation sales tax measures) such as local general fund revenues and developer/impact fees. Local revenue estimates are based on information provided to MTC by local agencies in response to the 2015 California Statewide Local Streets and Roads Needs Assessment.

### All Other Local Revenues

Operator-specific revenue projections including transit fares, VTA Express Lane tolls, San Francisco pricing initiatives, Golden Gate Bridge tolls, AC Transit and BART property taxes, AC Transit parcel taxes, BART seismic bond proceeds, and San Francisco Municipal Transportation Agency general fund and parking revenue, have been provided by the respective operators.

## Anticipated/Unspecified Funding

Anticipated/unspecified represents funding that is likely to become available from federal or state sources over the course of the Plan period, but is unspecified in terms of source or expenditure requirements. Reasonably anticipated revenues differ from new, specific revenue that would be generated under local or regional control such as sales tax reauthorizations or regional bridge toll increases. An example of this revenue would be the American Recovery and Reinvestment Act (ARRA) transportation funding that was distributed by the federal government in FY 2009 in response to the national recession as well as Proposition 1B funding approved statewide by voters in 2006. The revenue forecast includes \$14 billion in anticipated/unspecified revenues. This estimate is based upon a historical analysis of revenue sources that materialized over a 15-year period from FY 2001-02 through FY 2015-16.

## Revenue Forecast

**Table 4. Plan Bay Area 2040 Revenue Forecast by Source, in Year-of-Expenditure \$**

Revenue Source	Plan Bay Area 2040 Revenue Assumptions	Plan Bay Area 2040 FY 2016-17 Revenue (in Millions) <sup>1</sup>	Plan Bay Area 2040 Total Revenue (in Billions)
<b>FEDERAL</b>			
FHWA Construction of Ferry Boats & Ferry Terminal Facilities Formula Program	Base Year: FY 2013-14 Data Source: FHWA Growth Rate: 2%-3%	\$1	\$0.04
FHWA/FTA Section 5303 Metropolitan Planning	Base Year: FY 2013-14 Data Source: FHWA Growth Rate: 2%-3%	\$1	\$0.03
FHWA STP/CMAQ - Regional	Base Year: FY 2013-14 Data Source: FHWA Growth Rate: 2%-3%	\$97	\$3.26
FHWA Highway Safety Improvement Program (HSIP)	Base Year: FY 2013-14 Data Source: FHWA Growth Rate: 2%-3%	\$10	\$0.31
FHWA STP/CMAQ - County	Base Year: FY 2013-14 Data Source: FHWA Growth Rate: 2%-3%	\$65	\$2.18
FTA Passenger Ferry Grant Program	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$3	\$0.10
FTA Sections 5307 & 5340 Urbanized Area Formula (Capital)	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$216	\$7.08
FTA Section 5309 Fixed-Guideway Capital Investment Grants - New Starts and Core Capacity	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 0%-3%	\$330	\$5.02

FTA Section 5309 Fixed-Guideway Capital Investment Grants - Small Starts	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$50	\$0.70
FTA Section 5310 Enhanced Mobility of Seniors & Individuals with Disabilities	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$5	\$0.16
FTA Section 5311 Non-Urbanized Area Formula	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$2	\$0.07
FTA Section 5337 State of Good Repair Formula	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$202	\$6.56
FTA Section 5339 Bus & Bus Facilities Program	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$12	\$0.40
FTA Bus and Bus Facilities Discretionary Program	Base Year: FY 2015-16 Data Source: FTA Growth Rate: 2%-3%	\$10	\$0.38
National Highway Freight Program	Base Year: FY 2015-16 Data Source: FHWA Growth Rate: 2%-3%	\$19	\$0.77
National Significant Freight and Highway Projects Discretionary Program	Base Year: FY 2015-16 Data Source: FHWA Growth Rate: 2%-3%	\$43	\$1.53
<b>Federal Total</b>		<b>\$1,065</b>	<b>\$28.59</b>
<b>STATE</b>			
Active Transportation Program (ATP) - State Program	Assumption Base: FY 2014-15 Distribution Base: Bay Area population share of statewide funds	\$9	\$0.28

Affordable Housing & Sustainable Communities Program	Assumption Base: \$2.5 billion per year in Cap and Trade auction proceeds Distribution Base: Bay Area receives 30% of funds	\$19	\$1.08
High Speed Rail	Assumption Base: Estimated cost of build out of HSR in Bay Area (to 4th and King)	N/A	\$9.26
Cap & Trade Goods Movement (from 40% Uncommitted Funds)	Assumption Base: \$2.5 billion per year in Cap and Trade auction proceeds Distribution Base: Bay Area receives 6.3% of funds	\$20	\$0.50
Gas Tax Subvention	Assumption Base: Estimate of Fuel excise tax revenue Distribution Base: Bay Area share of registered vehicle, road mileage, and population	\$197	\$8.29
Low Carbon Transit Operations Program Population-Based	Assumption Base: \$2.5 billion per year in Cap and Trade auction proceeds Distribution Base: Bay Area receives 19% of funds	\$0.01	\$0.29
Low Carbon Transit Operations Program Revenue-Based	Assumption Base: \$2.5 billion per year in Cap and Trade auction proceeds Distribution Base: Bay Area receives 54% of funds	\$0.03	\$0.80
Proposition 1B	Assumption Base: Remaining funds as of FY 2016-17	\$0.01	\$0.01
State Highway Operations & Protection Program (SHOPP)	Assumption Base: 2015 SHOPP Plan and estimate of gas tax revenue per the MPO Agreement Distribution Base: Bay Area historical share of total funds	\$437	\$13.75

State Transit Assistance (STA) Population-Based	Assumption Base: FY 2015-16 Distribution Base: Bay Area receives 19% of funds	\$40	\$1.79
State Transit Assistance (STA) Revenue-Based	Assumption Base: 2015-16 Distribution Base: Bay Area receives 54% of funds	\$115	\$5.12
Transit and Intercity Rail Capital Program	Assumption Base: \$2.5 billion per year in Cap and Trade auction proceeds Distribution Base: Bay Area receives 30% of funds	\$102	\$3.00
State Transportation Improvement Program (STIP): Regional Transportation Improvement Program (RTIP) County Shares	Assumption Base: 2016 STIP FE and estimate of gas tax revenue per the MPO Agreement Distribution Base: Bay Area historical share of total funds	\$94	\$3.11
STIP: Interregional Road/Intercity Rail (ITIP)	Assumption Base: 2016 STIP FE and estimate of gas tax revenue per the MPO Agreement Distribution Base: Bay Area historical share of total funds	\$6	\$0.71
<b>State Total</b>		<b>\$1,039</b>	<b>\$47.99</b>
<b>REGIONAL</b>			
2% Toll Revenues	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$4	\$0.10
5% State General Funds	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$3	\$0.09
Active Transportation Program (ATP) - Regional Program	Assumption Base: FY 2014-15	\$10	\$0.31
AB 1107 ½-cent Sales Tax in three BART counties (25% MTC Administered Share)	Assumption Base: Weighted average of county sales tax authority estimates for the three counties of the BART District	\$80	\$2.61



AB 1107 ½-cent Sales Tax in three BART Counties (75% BART Share)	Assumption Base: Weighted average of county sales tax authority estimates for the three counties of the BART District	\$240	\$8.67
AB 1171	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$18	\$0.10
AB 434 (Transportation Fund for Clean Air – Regional) – 60% of funding	Base Year: FY 2013-14 Growth Rate: MTC estimate based on Vehicle Registration data	\$15	\$0.37
AB 664	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$15	\$0.38
BATA Base Toll Revenues	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$141	\$3.60
Bridge Toll Increase - \$1 in 2019; \$1 in 2024	Base Year: Uses same assumptions as other existing bridge tolls once increases are assumed to take effect Growth Rate: 0.3% - 0.6%	N/A	\$5.10
Regional Express Lane Network Revenues	Model based on MTC's 2011 CTC application for the Express Lanes system	N/A	\$5.08
Regional Gas Tax Increase - 10¢ increase at 2020 election	Assumption Base: Estimate of Fuel Consumption Distribution Base: Bay Area share of population Only revenues from FY 2021-22- FY 2040 are included in forecast	N/A	\$3.94
Regional Measure 2 (RM2)	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$126	\$3.18
RM1 Rail Extension Reserve	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$12	\$0.05

Service Authority for Freeway and Expressways (SAFE)	Base Year: FY 2013-14 Growth Rate: MTC estimate based on Vehicle Registration data	\$6	\$0.15
Seismic Surcharge with Carpool	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$136	\$3.43
Seismic Retrofit Account (Caltrans)	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$126	\$3.18
Seismic Retrofit	Base Year: FY 2013-14 Growth Rate: 0.3% - 0.6%	\$126	\$3.18
<b>Regional Total</b>		<b>\$1,057</b>	<b>\$43.50</b>
<b>LOCAL</b>			
AB 434 (Transportation Fund for Clean Air – County Program Manager) – 40% of funding	Base Year: FY 2013-14 Growth Rate: MTC estimate based on Vehicle Registration data	\$10	\$0.26
County Sales Tax Measures	Estimates provided by county sales tax authorities	\$1,166	\$33.15
County Sales Tax Measures - Reauthorizations	Estimates provided by county sales tax authorities	N/A	\$5.98
County Vehicle Registration Fees	Estimates provided by county sales tax authorities	\$44	\$1.02
County Vehicle Registration Fees - Reauthorization	\$10 fee in all SF, SM, SC, MA, AL Counties - Estimates provided by county sales tax authorities	N/A	\$0.03
Express Lane Revenue (county managed)	Estimates from Santa Clara VTA	\$1	\$3.61
Golden Gate Bridge Toll	Estimates provided by Golden Gate Bridge, Highway and Transportation District	\$134	\$3.43
Land Sales & Other Developer Revenues	Proceeds from land sales related to Plan Bay Area 2040 related projects; per sponsoring agencies	N/A	\$1.05

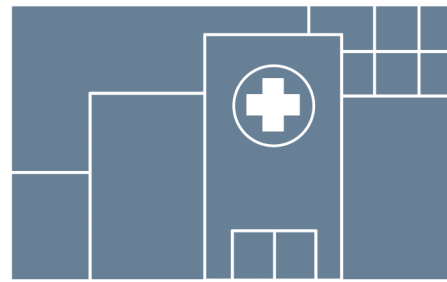
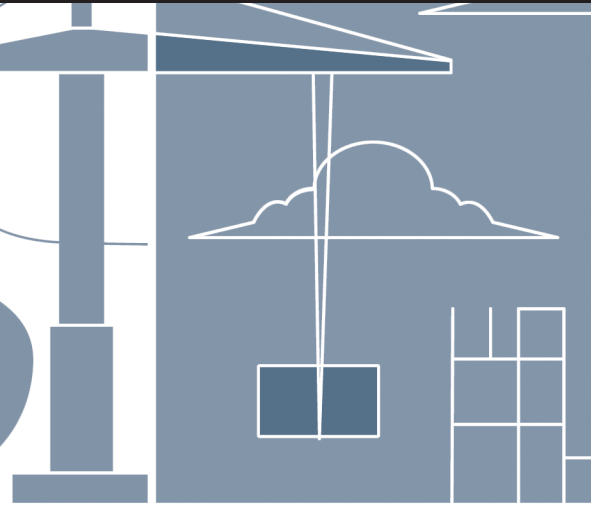
Local Funding for Streets and Roads	Source: 2015 CA Statewide Local Streets & Roads Needs Assessment.	\$402	\$14.76
Property Tax/Parcel Taxes	Base Year: FY 2013-14 Data Source: AC Transit, BART, WETA	\$152	\$5.42
San Francisco Municipal Transportation Agency (SFMTA) General Fund + Proposition B	Estimates provided by SFMTA and SFCTA	\$340	\$10.10
San Francisco Transportation Sustainability Fee	Estimates provided by SFMTA and SFCTA	\$18	\$0.80
SMART Sales Tax in Marin and Sonoma Counties	MTC estimate based on weighted averages of Marin and Sonoma sales tax revenue as forecast by TAM and SCTA	\$35	\$0.54
SMART Sales Tax in Marin and Sonoma Counties - Reauthorization	MTC estimate based on weighted averages of Marin and Sonoma sales tax revenue as forecast by TAM and SCTA	N/A	\$0.64
Transit Fare Revenues	Base Year: FY 2013-14 Data Source: Each operator Growth Rate: Based on operators' estimates	\$1	\$39.78
Transit Non-Fare Revenues	Base Year: FY 2013-14 Data Source: Each operator Growth Rate: Based on operators' estimates	\$93	\$19.96
Transportation Development Act (TDA)	Estimates based on sales tax forecasts developed by county sales tax authorities (for Solano County is based on a ten year retrospective analysis of actual TDA receipts)	\$376	\$12.58
Other Local	Plan Bay Area 2040 related projects; per sponsoring agencies	\$81	\$2.75

<b>Local Total</b>		<b>\$2,854</b>	<b>\$155.86</b>
<b>ANTICIPATED/UNSPECIFIED</b>			
Anticipated/Unspecified	Growth Rate: 2.2% Data Source: Retrospective analysis of a 15-year period (FY 2001-02 to FY 2015-16)	N/A	\$14.00
<b>Anticipated/Unspecified Total</b>		<b>N/A</b>	<b>\$14.00</b>
<b>OTHER</b>			
San Francisco Treasure Island/Cordon Pricing	Source: SFCTA	N/A	\$1.75
2016 Bay Area County/Transit District Transportation Ballot Measures	County sales tax authorities		\$11.82
<i>AC Transit Parcel Tax (Measure C1)</i>	<i>Source: AC Transit</i>	<i>N/A</i>	<i>\$0.60</i>
<i>BART General Obligation Bond (Measure RR)</i>	<i>Source: BART</i>	<i>N/A</i>	<i>\$3.50</i>
<i>Santa Clara County 1/2¢ Sales Tax Increase (Measure B)</i>	<i>Source: Santa Clara VTA</i>	<i>N/A</i>	<i>\$7.37</i>
<i>City of Oakland Infrastructure Bond (Measure KK)</i>	<i>Source: City of Oakland</i>	<i>N/A</i>	<i>\$0.35</i>
<b>Other Total</b>		<i>N/A</i>	<i>\$13.57</i>
<b>GRAND TOTAL</b>		<b>\$6,015</b>	<b>\$303.51</b>

<sup>1</sup> FY 2016-17 Revenue represents estimated funding levels for each revenue source for planning purposes only, actual amounts will differ. Due to the lead time needed to develop Plan Bay Area 2040, as well as to analyze projects and programs for inclusion in the Plan, FY 2016-17 revenue estimates were primarily developed in 2015.



## LOCAL STREETS AND ROADS, BRIDGES AND STATE HIGHWAY NEEDS ASSESSMENT



# Plan BayArea 2040

FINAL  
SUPPLEMENTAL  
REPORT



Metropolitan  
Transportation  
Commission



Association  
of Bay Area  
Governments

JULY 2017

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# Plan Bay Area 2040: Final Local Streets and Roads, Bridges, and State Highway Needs Assessment

July 2017



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TRANSPORTATION  
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## Executive Summary

For Plan Bay Area 2040 (PBA2040), MTC estimated the funding needed to operate and maintain the existing local street and road (LSR) system, including bridges on the locally-owned system, over the 24-year plan period from FY2016-17 to FY2039-40. The cost of needed capital maintenance of the seven state-owned toll bridges (does not include the Golden Gate Bridge) over the same time period was developed and provided by the Bay Area Toll Authority (BATA). MTC also used information developed by the California Department of Transportation (Caltrans) in conjunction with a pavement needs assessment conducted by MTC using the StreetSaver® pavement management system software, to estimate the cost of capital maintenance of the state highway system within the nine-county Bay Area over the PBA2040 time frame.

On the cost side, this analysis has two components for local streets and roads: (a) the cost of maintaining the local street and road network at its current condition level, and (b) the cost of improving the network and maintaining it in a state of good repair. For bridges and state highways, information available allowed only for the estimation of cost needed to reach and maintain a state of good repair. On the revenue side, the analysis includes revenues that are committed to operating and capital costs by law or local policy, as well as discretionary funds that are allocated to transit operating or capital needs by MTC.

As shown in Table 1 below, to reach a state of good repair in addition of our roads and bridges, the region will need to spend an estimated total of \$85 billion over the next 24 years. PBA2040 revenue estimated to be available for the operation and maintenance of the existing system totals \$65.6 billion, leaving a remaining need of approximately \$21.5 billion.

Mode	PBA2040 Revenue	Need (State of Good Repair)	Need (Maintain Conditions)	Remaining Need (State of Good Repair)	Remaining Need (Maintain Conditions)
Local Streets and Roads	\$35,298	\$48,926	\$42,951	\$13,628	\$7,653
State Highways	\$13,751	\$19,966	\$19,966	\$6,215	\$6,215
Local Bridges	\$923	\$2,187	\$2,187	\$1,264	\$1,264
Regional Bridges	\$15,660	\$16,064	\$16,064	\$404	\$404
<b>Total</b>	<b>\$65,632</b>	<b>\$87,143</b>	<b>\$81,168</b>	<b>\$21,511</b>	<b>\$15,536</b>

**Table 1: PBA2040 Local Road, Bridges, and State Highways Needs and Revenue Summary (In Millions)**

## Local Streets and Roads

The Bay Area’s local street and road (LSR) network, in addition to over 42,000 lane miles of roadway used by cars, buses, trucks and bicycles, also includes miles of curbs and gutters, sidewalks, storm drains, traffic signs, signals and lights. These “non-pavement” items are necessary for a functioning street and road network. The LSR system provides the foundation for all modes of travel, and is vital to the safety, livability and economic health of the Bay Area.

The average condition of the Bay Area’s LSR network, rated on a scale of 0 to 100, is currently at 66. This pavement condition index (PCI) places the region’s roadway network in the “fair” category. The classifications used to rate LSR pavements are shown in the table below.

<b>Very Good-Excellent</b> (PCI = 80-100)	Pavements are newly constructed or resurfaced and have few if any signs of distress
<b>Good</b> (PCI = 70-79)	Pavements require mostly preventive maintenance and have only low levels of distress, such as minor cracks or spalling, which occurs when the top layer of asphalt begins to peel or flake off as a result of water permeation.
<b>Fair</b> (PCI = 60-69)	Pavements at the low end of this range have significant levels of distress and may require a combination of rehabilitation and preventive maintenance to keep them from deteriorating rapidly.
<b>At Risk</b> (PCI = 50-59)	Pavements are deteriorated and require immediate attention including rehabilitative work. Ride quality is significantly inferior to better pavement categories.
<b>Poor</b> (PCI = 25-49)	Pavements have extensive amounts of distress and require major rehabilitation or reconstruction. Pavements in this category affect the speed and flow of traffic significantly.
<b>Failed</b> (PCI = 0-24)	Pavements need reconstruction and are extremely rough and difficult to drive on.

**Table 2: Pavement Condition Index Rating Scale**

While the region’s average pavement condition is considered fair, it is important to note that the deterioration curve of a typical pavement is exponential, and not linear. As shown in Figure 1 below, a new pavement will deteriorate slowly for the first 15 years of its standard 20-year life span. Once it reaches a PCI of 60, it will begin to deteriorate rapidly. Without any intervention, the pavement can drop from the fair category to the “failed” category in as little as five years. This deterioration holds serious implications for the cost of system preservation. Pavements that are still in good condition (a PCI of 70 or above) can be preventively maintained at a low cost, whereas pavements that need significant rehabilitation or reconstruction require five to 15 times the amount of funding. Once pavements fall below a PCI of 60, users of the roadways begin to experience increasing vehicle operating costs associated with wear and tear damage to their vehicles and additional fuel costs.

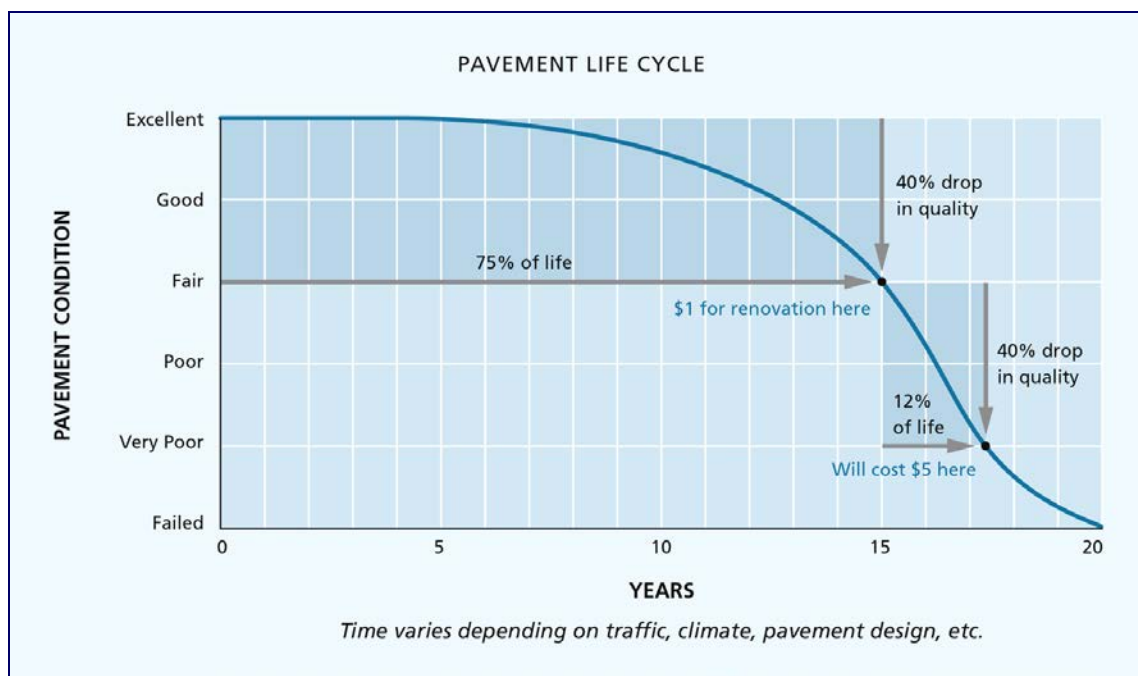


Figure 1: Pavement Life Cycle

## Assessment Methodology

The needs assessment for the region’s local street and road system benefits from the biennial survey conducted as part of the California Local Streets and Roads Needs Assessment. The survey conducted in 2014 provided information on Bay Area unit costs for pavement maintenance treatments, estimates of non-pavement asset inventories and replacement costs, and information on local jurisdiction revenues available for roadway operations and capital maintenance. This survey data, for which information was provided by all 109 Bay Area jurisdictions, is used in conjunction with MTC’s StreetSaver® Pavement Management system—an analysis tool that estimates the cost to maintain pavements at a specified condition level—to estimate the needs of the local street and road system.

Pavement needs are estimated by using the street inventory, conditions, and projected lifecycle information contained in local jurisdictions’ StreetSaver® databases. Pavement maintenance unit costs, a key input into the StreetSaver® model, were estimated by county, using information submitted by local jurisdictions to the 2014 California Local Street and Road Needs Assessment survey. The StreetSaver® model then estimates the long-term maintenance needs of each jurisdiction’s street network, assuming the most cost-effective maintenance strategies are applied.

Non-Pavement capital maintenance needs consist of the cost to maintain other local street and road assets that are required for a functioning street and road system. These include assets such as storm drains, sidewalks, curbs and gutters, street lights, signs, and signals. To estimate the Non-Pavement needs on the local road system, MTC used a prediction model developed by Nichols Consulting Engineers (NCE) that uses information provided by local jurisdictions on non-pavement asset inventory and useful life to estimate long-term costs to maintain non-pavement assets. Replacement costs are predicted based on the inventory of two non-pavement assets - curbs and gutters and streetlights. The total non-pavement asset replacement cost is then divided by the average useful life for each of the major non-pavement asset

groups in order to estimate an annual preservation cost. The prediction model was updated with asset inventory and replacement cost information provided by local jurisdictions in responses to the 2014 California Local Street and Road Needs Assessment survey.

Information derived from the 2014 California Local Street and Roads Needs Assessment survey was used to determine revenues for Bay Area LSR maintenance derived from local and county sources, as well as to determine the categorical split between capital maintenance and operations and new construction, by which jurisdictions expend revenues available for local streets and roads. Revenues for LSR maintenance and operations comes primarily from local and state sources. State taxes on gasoline, distributed by formula, provide a significant portion of these revenues. Local sources consist of countywide or city transportation sales taxes, general funds, and other fees. The PBA2040 investment strategy also contributes a significant amount of discretionary revenue to LSR capital maintenance. Locally-generated revenue sources were assumed to keep pace with inflation, and were grown at the 2.2% annual rate consistent with the PBA2040 inflation assumption. Projections of revenue from state sources were prepared by MTC and escalated in a manner consistent with the PBA2040 assumptions for fuel-price growth and consumption. Discretionary revenue was assumed to be distributed for LSR to counties based on current funding distribution shares under the One Bay Area Grant program.

## Summary Results

Capital maintenance needs consist of activities that extend the useful life of the roadway asset by five or more years. This category can be further broken down into preservation for pavements and non-pavement assets (sidewalks, storm drains, traffic signals, curbs and gutters, etc.).

The system preservation needs were calculated for two different condition level scenarios:

1. **Maintain Existing PCI** – Local jurisdictions maintain the existing pavement condition index (PCI), while deferred maintenance costs are allowed to grow.
2. **State of Good Repair** – The LSR system reaches the optimal PCI (the point at which the system is most cost effective to maintain), within the first 10 years and is maintained at this level for the duration of the Plan period.

Operational costs consist of routine maintenance such as pothole filling, street sweeping and striping, as well as overhead expenses. Operations costs were assumed to have first call on projected LSR revenue, and were projected to total \$12.7 billion for the region over the Plan period.

Projected LSR capital and operating needs by county are summarized in Table 3 below. The total cost includes needs for pavement and non-pavement maintenance, as well as operations costs. As a region, funding identified for LSR covers approximately 72% of the total needed to meet a state of good repair, and about 82% of the amount need to maintain conditions at existing service levels.

County	Total Cost (State of Good Repair)	Total 24-Year Revenue from Committed Sources	Total 24-Year Revenue from Discretionary Sources	Total Revenue	Remaining Need (State of Good Repair)
Alameda	\$8,649	\$5,033	\$1,546	\$6,579	\$2,070
Contra Costa	\$6,116	\$3,338	\$1,133	\$4,470	\$1,646
Marin	\$1,722	\$831	\$221	\$1,052	\$670
Napa	\$1,473	\$969	\$168	\$1,138	\$335
San Francisco	\$7,903	\$5,988	\$966	\$6,955	\$949
San Mateo	\$3,935	\$2,012	\$657	\$2,669	\$1,266
Santa Clara	\$11,320	\$6,892	\$2,097	\$8,989	\$2,332
Solano	\$2,963	\$782	\$429	\$1,211	\$1,752
Sonoma	\$4,846	\$1,672	\$564	\$2,236	\$2,610
<b>REGION TOTAL</b>	<b>\$48,926</b>	<b>\$27,518</b>	<b>\$7,780</b>	<b>\$35,298</b>	<b>\$13,628</b>

**Table 3: PBA2040 LSR Projected Expense and Revenue (In Millions)**



## State Highways

The needs assessment for the state highway system relies on information provided by Caltrans in its 2015 State Highway Operations and Protection Program (SHOPP) Plan, and analysis of the District 4 (Bay Area) highway road conditions and projected needs using the StreetSaver model. Future adjustments to the state highway needs assessment may be made to account for specific Bay Area operational needs over and above the assumed Bay Area population share of these needs as incorporated in the SHOPP forecast, and additional input that may be provided by Caltrans staff.

Every two years, Caltrans produces a 10-year estimate of needs to preserve and maintain the state highway system and its supporting infrastructure. The 2015 SHOPP Plan contains a “Goal Constrained Needs Plan” that is an estimate of costs to meet defined performance goals over a 10-year period for the following major categories:

- Major Damage Restoration
- Collision Reduction
- Mandates
- Mobility Improvement
- Minor Program
- Bridge, Roadway and Roadside Preservation;
- Facility Improvement

The 2015 SHOPP Plan also contains a “Financially Constrained Needs Plan” that is constrained by the amount of funds expected to be available for expenditure on preservation needs in the same categories as listed above.

To estimate the needs, MTC staff escalated the Goal Constrained funding needs to 2017 dollars, using a 2.2 percent inflation rate, and projected these needs out for ten years to FY 2026-27. For FY 2027-28 through FY 2039-40, staff used estimates contained in the Financially Constrained Needs Plan, escalated to nominal dollars. This shift to a lower needs level after year 10 is based on the assumption that the funding levels assumed for the first 10 years of the forecast are sufficient to bring the state highway system to a state of good repair, after which ongoing maintenance costs would be lower. This assumption is consistent with the assumption made in the local street and road and transit capital maintenance needs assessments. To estimate the Bay Area’s share of the state highway needs, staff applied the Bay Area’s population share, relative to the state, to the statewide 24-year total. In addition, staff substituted the estimated roadway preservation needs for the StreetSaver® generated estimate, as described below.

MTC used information on state highway lane mileage and pavement conditions, coupled with information provided by Caltrans on pavement maintenance treatment costs and practices, to develop a StreetSaver® database for the state highways in the region. In consultation with Caltrans staff, the model was then used to project the long-term pavement capital maintenance needs to meet and maintain a state of good repair. The state of good repair model results were then substituted for the roadway maintenance cost estimated using the region’s population share of the statewide need based on the SHOPP Plan, as described above.

Total Cost	Revenue from Committed Sources	Remaining Need
\$19,966	\$13,751	\$6,215

**Table 4: PBA2040 State Highway Projected Expense and Revenue (In Millions)**

## Local and Regional Bridges

### Local Bridges

The nearly 2,000 locally-owned bridges in the San Francisco Bay Area are essential links that help connect the state’s communities, provide mobility for travelers, support efficient movement of freight, and relieve traffic congestion.

All of the region’s bridges require some level of investment over time to remain in service. Like a car or a house, a bridge requires regular maintenance. Even if it is well-maintained, it is eventually necessary to rehabilitate or replace a bridge due to deterioration of its components. Further, many bridges are improved or replaced for functional reasons, such as having been designed to carry lighter loads, less traffic or smaller vehicles than they now carry. Deferring maintenance on a bridge may save money in the short term, but can force more costly repairs to be required sooner, ultimately increasing costs in the long term.

The Federal Highway Administration’s National Bridge Investment Analysis System (NBIAS) system was used to develop the projections of capital maintenance need for our region’s locally-owned bridges. NBIAS has a modeling approach similar to that of the Pontis Bridge Management System (BMS) which is used by Caltrans for managing its bridges. However, NBIAS requires only publically-available National Bridge Inventory (NBI) data to run, in contrast to Pontis, which requires detailed element data that are not part of the NBI.

Though NBIAS is populated with default costs, deterioration models and other parameters, these were calibrated to regional costs and conditions in order to provide as realistic a projection as possible of the cost to maintain Bay Area bridges. Further, seismic retrofit needs, which are not modeled by NBIAS, were calculated and applied to the results.

The results obtained from NBIAS provide a projection of bridge investment needs over time for different budget assumptions. Investment needs are funds that should be invested to minimize bridge costs over time and to address economically-justified functional improvements. To the extent that projected funds are insufficient for addressing all needs, the system simulates what investments will occur with an objective of maximizing benefits given an available budget. The system also predicts what new needs may arise considering deterioration and traffic growth, and projects a range of different physical measures of bridge condition.

Revenues available for investment in locally-owned bridges were projected based on the region’s historical share of state funding for bridge maintenance projects. Table 5 below summarizes the locally-owned bridge capital maintenance needs and projected revenue by county.

County	Total Cost	Total Revenue	Remaining Need
Alameda	\$396	\$167	\$229
Contra Costa	\$199	\$84	\$115
Marin	\$20	\$9	\$12
Napa	\$224	\$94	\$129
San Francisco	\$211	\$89	\$122
San Mateo	\$251	\$106	\$145
Santa Clara	\$510	\$215	\$294
Solano	\$130	\$55	\$75
Sonoma	\$246	\$104	\$142
<b>TOTAL</b>	<b>\$2,187</b>	<b>\$923</b>	<b>\$1,264</b>

**Table 5: PBA2040 Local Bridge Projected Capital Maintenance Expense and Revenue (In Millions)**

### Regional Toll Bridges

There are seven state-owned toll bridges that span San Francisco Bay include the Antioch, Benicia, Carquinez, Dumbarton, Richmond/San Rafael, San Mateo/Hayward, and San Francisco-Oakland Bay bridges. The Golden Gate Bridge is not state-owned, but still spans the Bay and is considered a regional bridge for the purposes of this needs assessment.

To determine the capital maintenance needs of the state-owned bridges, MTC worked with BATA staff. BATA maintains detailed 20-year cost projections and budget schedules in order to plan and deliver bridge maintenance projects over the long-term. Planned and anticipated maintenance and rehabilitation projects for each bridge are categorized into the following categories:

- Category 1 – Structural Elements Rehab
- Category 2 – Deck Rehab
- Category 3 – Base System
- Category 4 – Structural Steel Painting
- Category 5 – Bridge and Pavement Approaches
- Category 6 – Electrical/Mechanical
- Category 7 – Facilities

A five percent cost escalation rate was applied to each of the cost categories over a 20-year period. To estimate the additional four years of capital maintenance costs needed for the 24-year period of PBA2040, staff calculated the average annual real cost over the 20-year period and applied the five percent growth rate to that figure for the four remaining years. In addition to the projected future capital maintenance costs, BATA projected the cost of on-going debt-financing for capital maintenance and rehabilitation/replacement projects already performed or underway on the state-owned bridges in order to determine the total regional bridge-related expense over the PBA2040 period.

Committed funding for the state-owned bridge maintenance consists of projected revenue from existing bridge tolls. Discretionary revenue is assumed to come from future (not yet enacted) tolls.

The Golden Gate Bridge Highway and Transit District is responsible for the capital maintenance of the Golden Gate Bridge, and for ensuring sufficient revenue is generated to meet those needs. The Golden Gate Bridge capital maintenance needs are assumed to be equivalent to the total Golden Gate Bridge

toll revenue forecasted to be collected over the 24-year PBA2040 period, less toll funds set aside for transit operations. Total toll revenue for the Golden Gate Bridge capital maintenance needs over the 24-year PBA 2040 period is approximately \$2 billion.

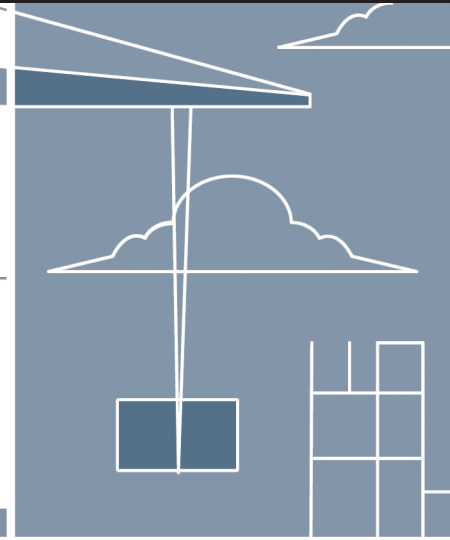
The projected expenses and revenues for the region’s eight regional toll bridges are summarized in Table 6 below.

<b>Total Cost</b>	<b>Revenue from Committed Sources</b>	<b>Revenue from Discretionary Sources</b>	<b>Total Revenue</b>	<b>Remaining Need</b>
\$16,064	\$15,410	\$250	\$15,660	\$404

**Table 6: PBA2040 Regional Bridge Projected Expense and Revenue (In Millions)**



## TRANSIT OPERATING AND CAPITAL NEEDS AND REVENUE ASSESSMENT



# Plan Bay Area 2040

## FINAL SUPPLEMENTAL REPORT



Metropolitan  
Transportation  
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Association  
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JULY 2017



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# Plan Bay Area 2040: Final Transit Operating and Capital Needs and Revenue Assessment

July 2017



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## Executive Summary

For Plan Bay Area 2040 (PBA2040), MTC estimated the funding needed to operate and maintain existing transit services over the 24-year plan period from FY2016-17 to FY2039-40. On the cost side, the analysis has two components: (a) operating and maintenance costs, and (b) capital replacement and rehabilitation costs. The estimate of needs includes the cost to maintain transit assets in a state of good repair— meaning assets are replaced at the end of their useful lives— and the cost to maintain transit capital assets at their condition levels as well as maintain existing service levels for public transit. On the revenue side, the analysis includes revenues that are committed to transit operating or capital costs by law or MTC or transit agency policy, and discretionary funds that are allocated to transit operating or capital needs by MTC or Congestion Management Agencies (CMAs).

As shown in Table 1 below, to reach a state of good repair in addition to being able to maintain existing service levels for public transit, the region will need to spend an estimated total of \$167 billion over the next 24 years. PBA2040 revenue estimated to be available for the operation and maintenance of the existing system total \$151 billion, leaving a remaining need of approximately \$15 billion.

**Table 1. Transit Operating and Capital Needs and Revenue Summary**

Mode	PBA2040 Revenue	Need (State of Good Repair)	Need (Maintain Conditions)	Remaining Need (State of Good Repair)
<b>Transit Operating<sup>1</sup></b>	\$119,830	\$119,830	\$119,830	\$0
<b>Transit Capital</b>	\$32,435	\$47,050	\$28,856	\$14,615
<b>Total</b>	\$151,470	\$166,880	\$148,686	\$14,615

## Transit Operating

In the spring of 2015, MTC distributed a Transit Operating Needs Assessment Survey to each of the Bay Area’s 25 transit operators. The Transit Operating Needs Assessment Survey gathered information from transit operators on current and planned service levels; existing and projected operating costs; and existing and projected local operating revenues over the PBA2040 period. Staff received survey data for each of the 25 surveys distributed to transit operators.

The cost to operate and maintain existing service levels was projected by the transit operators. MTC requested a cost breakdown of expenses by mode (bus, paratransit, rail, etc.) and system-wide non-operating expenses including debt service by year-of-expenditure. Transit operators also provided planned service changes associated with committed capital projects and/or fully funded future increases in service hours over the PBA2040 period.

Inflation assumptions were checked for reasonableness across similar expense categories. The cost impact of projected changes in service levels during the plan period was accounted for only in instances where those changes are a result of the transit operators’ policy directives. The operating cost projections include existing service levels and cost projections for committed expansion projects. Where

there were questions on the assumptions, MTC worked with the transit operator to get clarification and used information deemed most accurate by the transit operator.

Transit operating revenues are categorized as coming from either “committed” or “discretionary” sources. Committed revenue consisted of dedicated local funds that are controlled by the operators including transit fares, non-fare revenue (such as general fund contributions or revenue from advertising), other revenue (such as that from charter service), and county sales tax for operating and maintenance needs. Discretionary revenues consist of fund sources for which MTC has some role or discretion in distributing, including State Transit Assistance (STA), AB 1107 sales tax, Transportation Development Act (TDA) sales tax funds, bridge tolls, and Federal Transit Administration Funds.

Committed revenues were projected by the transit operators, and were checked for consistency with revenue projections provided in the operators’ most recently submitted Short Range Transit Plans. Discretionary revenues were projected by MTC and incorporated into the needs assessment. Staff assumed sales tax growth rates for county sales tax measures, transit sales taxes, and TDA are consistent with the sales tax growth rates provided by the sales tax authorities. Where necessary sales tax growth rates provided by operators were adjusted. This is consistent with the PBA2040 financial assumptions and revenue forecast. Some fund sources are restricted by either statute or policy to either operations or capital uses, while some fund sources are flexible. MTC staff generally assumed that all flexible transit revenues would first cover operating expenses; and then additional revenue, if any, was assigned to capital replacement if there was an identified need.

The PBA2040 Transit Operating Needs Assessment projections resulted in a 24-year total operating expense for all operators combined of \$119.8 billion, for the provision of approximately 303.2 million hours of revenue vehicle service. The needs assessment results indicated a significant increase in annualized service levels of approximately 8% over Plan Bay Area 2013 (PBA2013), and an even more significant increase of approximately 25% in projected costs.

Projected operating service levels, expenses, and revenues are summarized in Table 2.

**Table 2: PBA2040 Projected Transit Operating Service Levels, Expense, and Revenue**

*Dollars in Millions*

<b>Transit Operator</b>	<b>24 Year Total Service Levels (Revenue Vehicle Hours)</b>	<b>24 Year Total Costs (all modes)</b>	<b>24 Year Total Revenue from Committed Sources</b>	<b>24 Year Total Revenue from Discretionary Sources</b>	<b>24 Year Total Revenue</b>
<b>ACE</b>	1,117,485	\$1,300	\$1,221	\$79	\$1,300
<b>AC Transit</b>	40,513,851	\$13,416	\$10,046	\$3,370	\$13,416
<b>BART</b>	49,139,746	\$30,691	\$30,677	\$14	\$30,691
<b>Caltrain</b>	5,286,000	\$5,484	\$5,484	\$0	\$5,484
<b>CCCTA</b>	7,125,552	\$1,332	\$582	\$750	\$1,332
<b>City of Dixon</b>	186,291	\$39	\$3	\$35	\$38
<b>ECCTA</b>	5,307,150	\$786	\$203	\$583	\$786

<b>City of Fairfield</b>	2,287,392	\$355	\$125	\$230	\$355
<b>GGBHTD</b>	6,908,679	\$3,915	\$3,549	\$366	\$3,915
<b>LAVTA</b>	3,366,264	\$522	\$176	\$346	\$522
<b>Marin Transit</b>	6,059,722	\$972	\$677	\$295	\$972
<b>NVTA</b>	2,647,608	\$310	\$56	\$254	\$310
<b>City of Petaluma</b>	710,836	\$82	\$23	\$59	\$82
<b>City of Rio Vista</b>	96,000	\$15	\$2	\$13	\$15
<b>SFMTA</b>	91,585,085	\$35,199	\$32,074	\$3,125	\$35,199
<b>SamTrans</b>	16,272,000	\$5,377	\$3,957	\$1,420	\$5,377
<b>SMART</b>	245,316	\$713	\$713	\$0	\$713
<b>City of Santa Rosa</b>	2,481,912	\$536	\$141	\$395	\$536
<b>Solano County Transit</b>	2,623,440	\$455	\$185	\$270	\$455
<b>Sonoma County Transit</b>	3,069,116	\$496	\$77	\$419	\$496
<b>Union City Transit</b>	2,211,407	\$211	\$68	\$144	\$211
<b>City of Vacaville</b>	1,120,654	\$166	\$13	\$153	\$166
<b>VTA</b>	49,893,621	\$15,734	\$12,251	\$3,483	\$15,734
<b>WCCTA</b>	2,578,325	\$312	\$161	\$151	\$312
<b>WETA</b>	404,701	\$1,413	\$1,315	\$98	\$1,413
<b>TOTAL</b>	303,238,153	\$119,831	\$103,779	\$16,051	\$119,830

## Transit Capital

The cost to maintain the Bay Area’s existing transit infrastructure in a state of good repair is estimated by running operator submitted information on existing transit assets through an analysis tool designed to estimate the level of investment needed to attain a specified state of good repair.

The Regional Transit Capital Inventory (RTCI) is a comprehensive regional database of the transit assets owned by Bay Area transit agencies. The objective of the RTCI is to collect consistent and comparable data on the region’s transit capital assets, and on replacement and rehabilitation costs for each transit operator. The asset information contained in the database is provided by Bay Area operators and represents a significant effort to ensure that assets in the region are maintained in a state of good repair. The RTCI was significantly revised in 2014 using RTCI data from 2011 as a basis. The database was last updated in 2015.

The RTCI data collected from operators contains information on transit asset types (vehicles, track, stations, systems, etc.), quantities, age, useful lives and replacement costs, among other details. MTC

staff screens the inventory data that is submitted for errors and anomalies through a rigorous, multi-layered process prior to importing it into the analysis tool. The results of the analysis model are then further screened and prepared for review by transit operators. MTC works closely with the transit operators to ensure the accuracy of the final assessments.

Transit capital needs were defined as the cost of replacing all assets at the end of their useful lives, and performing all capital rehabilitation work in accordance with the rehabilitation cycle for the asset type. This includes eliminating the existing \$10 billion backlog of deferred replacement and rehabilitation projects over the first 10 years of the planning period. In some cases, particularly for long-lived assets such as stations or tunnels, major components were assumed to be replaced or maintained on an annualized basis, rather than replaced entirely.

Transit revenues currently committed to capital replacement and rehabilitation by statute or policy were assumed to remain dedicated to capital over the 24-year planning period. These sources include FTA Urbanized Area Formula (Section 5307), Bus & Bus Facilities (Section 5339), FTA State of Good Repair (Section 5337), AB 664, 2 percent bridge tolls, programmed One Bay Area Grant (OBAG) funds, certain county transportation sales taxes, local and state bond proceeds for seismic work, and, as noted above, projected operating surpluses, if any. The funding levels assumed in the revenue projections for federal funds incorporate the changes brought on by passage of the Fixing America's Surface Transportation (FAST) Act.

FTA revenue projections were based on actual apportionments with an assumed 2 percent annual growth rate until FY2022, followed by a 3 percent growth rate for the duration of the projection period. The FTA and bridge toll revenues for each operator were projected by using the current programming policies for these sources applied to the projected needs. The projected FTA formula funds were assigned to operators using the Transit Capital Priorities Project Apportionment Model used for annual programming of the FTA funds. The FTA funds come into the region through 12 urbanized areas, and each operator is eligible for funding from one or more urbanized area. The Project Apportionment Model assigns funds to projects based on urbanized area eligibility and project score. Refer to the Financial Assumptions supplemental report for information on projections of other revenue sources.

Projected capital revenues totaled \$32.4 billion, including \$11 billion in committed funding and \$21.4 billion in discretionary revenue. The projected capital needs totaled \$47 billion, resulting in \$14.6 billion of remaining needs. For projects that are high-scoring (generally, Score 16) under the region's Transit Capital Priorities policy – revenue vehicle replacement, fixed guideway rehabilitation, and major systems – projected needs totaled \$32.9 billion, with \$500 million of the Score 16 needs remaining unfunded after applying the eligible committed funds.

The \$32.4 billion total project revenues for transit capital rehabilitation – committed and discretionary – are sufficient to cover 100 percent of projected vehicle and total fixed guideway needs, 99 percent of other Score 16 needs, and 69 percent of all capital needs.

It is important to note that these Plan Bay Area 2040 funding assignments are based on projections of aggregate need over 24 years. Actual programming will vary year to year and will take into account actual project eligibility and readiness. Projected transit capital rehabilitation and replacement needs and revenues for all projects are summarized in Table 3.

**Table 3: PBA2040 Projected Transit Capital Expense and Revenue***Dollars in Millions*

Transit Operator	24 Year Total Costs (000s)?	24 Year Total Revenue from Committed Sources	24-Year Revenue from Discretionary Sources	Total Revenue	Remaining Need
AC Transit	\$2,934	\$906	\$968	\$1,874	(\$1,059)
ACE	\$291	\$1	\$178	\$179	(\$111)
BART	\$18,121	\$4,714	\$8,466	\$13,180	(\$4,940)
CalTrain	\$3,634	\$1,472	\$1,470	\$2,942	(\$693)
CCCTA	\$263	\$25	\$238	\$263	\$0
Delta Breeze	\$9	\$0	\$4	\$4	(\$5)
City of Dixon	\$8	\$2	\$5	\$7	(\$1)
ECCTA	\$134	\$51	\$83	\$134	\$0
City of Fairfield	\$95	\$57	\$7	\$64	(\$30)
GGBHTD	\$990	\$84	\$382	\$466	(\$525)
LAVTA	\$183	\$10	\$109	\$119	(\$64)
Marin Transit	\$147	\$0	\$66	\$66	(\$81)
NVTA	\$82	\$0	\$61	\$61	(\$21)
City of Petaluma	\$32	\$18	\$14	\$32	\$0
SamTrans	\$1,208	\$1	\$451	\$452	(\$756)
City of Santa Rosa	\$72	\$2	\$22	\$24	(\$48)
Sonoma County	\$197	\$24	\$104	\$128	(\$69)
SFMTA	\$12,664	\$1,536	\$5,736	\$7,272	(\$5,392)
SMART	\$629	\$569	\$60	\$629	\$0
Solano County Transit	\$240	\$1	\$139	\$140	(\$99)
Union City Transit	\$32	\$0	\$19	\$19	(\$13)
City of Vacaville	\$54	\$0	\$22	\$22	(\$32)
VTA	\$3,495	\$1,455	\$1,907	\$3,362	(\$133)
WestCAT	\$92	\$1	\$34	\$35	(\$57)
WETA	\$1,442	\$73	\$823	\$896	(\$546)
<b>Total</b>	<b>\$47,050</b>	<b>\$11,002</b>	<b>\$21,368</b>	<b>\$32,370</b>	<b>(\$14,676)</b>

# APPENDIX A – 45

## *2021 TIP Detail*

**Projects Being Added Into the Approved  
2021 TIP**





**Projects Being Added into the 2021 TIP**

<b>SI No.</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>TIP ID</b>	<b>Total Project Cost</b>	<b>TIP Funding (2021-2024)</b>
1	Santa Clara	VTA	SR 87/Charcot Ave On-Ramp HOV Bypass	SCL210001	\$3,000,000	\$2,700,000
2	Santa Clara	VTA	US 101/SR 152/10th Ramp and Intersection Imp.	SCL210002	\$10,800,000	\$4,500,000
3	Santa Clara	Campbell	SR 17 Southbound/Hamilton Ave. Off-Ramp Widening	SCL210003	\$1,507,000	\$507,000
4	Santa Clara	Mountain View	US 101/Shoreline Boulevard IC Improvements	SCL210004	\$20,000,000	\$0
5	San Mateo	Millbrae	Widen Millbrae Avenue	SM-210001	\$11,550,000	\$550,000



# APPENDIX A – 46

## *2021 TIP Detail*

### **Projects Being Archived Before 2021 TIP Approval**



**Projects Being Archived Before Approval of the 2021 TIP**

<b>Sl. No.</b>	<b>TIP ID</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>2019 TIP Funding (2019-2022)</b>
1	ALA010003	ALA	Alameda County	Crow Canyon Safety Improvements	\$ 3,000,000	\$ -
2	ALA030002	ALA	Alameda County	Alameda: Vasco Road Safety Improvements	\$ 36,793,116	\$ -
3	ALA050035	ALA	Alameda County	Cherryland/Ashland/Castro Valley/Fairview BikePed	\$ 10,088,510	\$ 1,727,000
4	ALA070039	ALA	Oakland	Oakland Waterfront Bay Trail	\$ 8,399,000	\$ -
5	ALA110032	ALA	BART	Downtown Berkeley BART Plaza/Transit Area Imps.	\$ 12,963,039	\$ -
6	ALA130014	ALA	Oakland	7th Street West Oakland Transit Village, Phase II	\$ 4,606,887	\$ -
7	ALA130025	ALA	Fremont	Fremont City Center Multi-Modal Improvements	\$ 14,752,984	\$ -
8	ALA170050	ALA	Emeryville	Emeryville Greenway Crossing Improvements	\$ 330,000	\$ 280,000
9	ALA170056	ALA	ACE	ACE - Locomotive Procurement	\$ 30,344,084	\$ 30,344,084
10	ALA170069	ALA	Fremont	City of Fremont Pavement Rehabilitation	\$ 4,428,000	\$ 4,068,000
11	ALA190004	ALA	BART	Alameda Regional Access Phase II	\$ 2,085,195	\$ 1,742,876
12	CC-030004	CC	Martinez	Martinez Intermodal Station Parking Expansion	\$ 20,000,000	\$ -
13	CC-050028	CC	CCTA	I-680 SB HOV Lane Completion	\$ 76,203,400	\$ 65,555,200
14	CC-070033	CC	EB Reg Park Dis	Contra Costa Parks Bike/Ped Trail Improvements	\$ 799,090	\$ -
15	CC-070062	CC	WETA	Richmond Ferry Service	\$ 66,745,000	\$ 244,062
16	CC-070078	CC	Brentwood	John Muir Parkway Extension: Ph. II	\$ 5,460,000	\$ 4,950,000



**Projects Being Archived Before Approval of the 2021 TIP (continued)**

<b>Sl. No.</b>	<b>TIP ID</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>2019 TIP Funding (2019-2022)</b>
17	CC-090019	CC	San Ramon	Bollinger Canyon Road Widening (Alcosta to SRVB)	\$ 10,612,855	\$ -
18	CC-130023	CC	Danville	Danville Various Streets and Roads Preservation	\$ 1,906,800	\$ -
19	CC-130024	CC	El Cerrito	Ohlone Greenway Station Area Bike/Ped Improvements	\$ 4,721,246	\$ 765,538
20	CC-130032	CC	San Pablo	San Pablo Avenue Bicycle and Ped Improvements	\$ 7,208,000	\$ -
21	CC-130046	CC	CCTA	I-680 / SR 4 Interchange Reconstruction - Phase 3	\$ 136,195,000	\$ 101,695,000
22	CC-130050	CC	EB Reg Park Dis	SF Bay Trail, Pinole Shores to Bay Front Park	\$ 7,621,686	\$ -
23	CC-170027	CC	CC County	Local Streets and Roads Preservation Project - CCC	\$ 5,772,000	\$ 5,372,000
24	MRN110045	MRN	GGBHTD	GGBHTD: Replace 7 - 40' Diesel Buses	\$ 3,760,007	\$ 3,760,007
25	MRN190003	MRN	Novato	Novato Downtown SMART Station Phase 2	\$ 5,214,000	\$ 4,714,000
26	MTC050029	REG	WETA	SF Ferry Terminal/Berthing Facilities	\$ 97,965,000	\$ 4,874,659
27	REG110041	REG	Caltrans	GL: FTA Non-Urbanized Formula Program	\$ 15,083,064	\$ -
28	REG150002	REG	Caltrans	GL: FTA 5311 Rural Area FY15	\$ 3,056,936	\$ -
29	SCL050049	SCL	VTA	VTA: Rail Substation Rehab/Replacement	\$ 28,948,404	\$ -
30	SCL090004	SCL	San Jose	Almaden Ave & Vine St Safety Improvements	\$ 1,815,000	\$ -
31	SCL110005	SCL	VTA	BART - Warm Springs to Berryessa Extension	\$ 2,521,899,512	\$ -
32	SCL110007	SCL	Santa Clara Co	San Tomas Expressway Widening - Phase I	\$ 12,700,000	\$ -



**Projects Being Archived Before Approval of the 2021 TIP (continued)**

<b>Sl. No.</b>	<b>TIP ID</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>2019 TIP Funding (2019-2022)</b>
33	SCL110008	SCL	VTA	SR 237 Express Lanes: North 1st St to Mathilda Ave	\$ 42,565,000	\$ -
34	SCL110107	SCL	San Jose	San Jose: Road Rehab and Ped. Facilities	\$ 14,421,000	\$ -
35	SCL110108	SCL	Santa Clara Co	Isabel Bridge Replacement (37C0089)	\$ 8,841,616	\$ 3,281,616
36	SCL130026	SCL	Saratoga	Prospect Rd Complete Streets	\$ 5,979,278	\$ 1,214,278
37	SCL130037	SCL	Santa Clara Co	Capitol Expressway ITS and Bike/Ped Improvements	\$ 9,287,928	\$ -
38	SCL130040	SCL	VTA	Montague Expy Ped Bridge at Milpitas BART	\$ 14,789,550	\$ 4,021,236
39	SCL130041	SCL	Palo Alto	Adobe Creek/ Highway 101 Bicycle Pedestrian Bridge	\$ 18,000,000	\$ 11,500,000
40	SCL150018	SCL	VTA	Peery Park Rides	\$ 2,080,000	\$ -
41	SCL170003	SCL	Palo Alto	Palo Alto: Bay Area Fair Value Commuting MoD Sandbox	\$ 1,356,251	\$ 1,356,251
42	SCL170019	SCL	Santa Clara Co	Uvas Road Pavement Rehabilitation	\$ 1,921,439	\$ 1,921,439
43	SCL170021	SCL	Palo Alto	North Ventura Coordinated Area Plan	\$ 750,000	\$ -
44	SCL170032	SCL	Santa Clara Co	McKean Rd Pavement Rehabilitation	\$ 1,300,125	\$ 1,300,125
45	SCL170033	SCL	Santa Clara Co	Capitol Expressway Pavement Rehabilitation	\$ 5,647,804	\$ 5,421,891
46	SCL170035	SCL	Campbell	Campbell - Winchester Blvd Overlay	\$ 7,826,102	\$ 7,826,102
47	SCL170036	SCL	Campbell	Eden Avenue Sidewalk Improvements	\$ 702,000	\$ 627,000
48	SCL170037	SCL	Cupertino	Cupertino Pavement Maintenance Phase 2	\$ 1,179,000	\$ 1,179,000



**Projects Being Archived Before Approval of the 2021 TIP (continued)**

<b>Sl. No.</b>	<b>TIP ID</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>2019 TIP Funding (2019-2022)</b>
49	SCL170040	SCL	Mountain View	West Middlefield Road Improvements	\$ 1,550,000	\$ 1,550,000
50	SCL170041	SCL	Palo Alto	Palo Alto Street Resurfacing	\$ 2,690,000	\$ 2,690,000
51	SCL170042	SCL	Santa Clara	Santa Clara Streets and Roads Preservation	\$ 3,413,000	\$ 3,413,000
52	SCL170058	SCL	Gilroy	Downtown Monterey Road Rehabilitation	\$ 1,336,400	\$ 1,336,400
53	SCL170060	SCL	San Jose	DTSJ Mobility Streetscape and Public Life Plan	\$ 957,000	\$ -
54	SF-010015	SF	TBJPA	Transbay Term/Caltrain Downtown Ext - Ph.1	\$ 2,259,400,000	\$ 171,000,000
55	SF-010038	SF	SF DPW	Bayview Transportation Improvements	\$ 17,391,647	\$ -
56	SF-130004	SF	SF County TA	Treasure Is/Yerba Buena Is Street Improvements	\$ 7,500,000	\$ 6,000,000
57	SF-130006	SF	SF DPW	Southeast Waterfront Transportation Improvements	\$ 105,567,767	\$ -
58	SF-130007	SF	SF DPW	HOPE SF Street Network - Hunters View	\$ 12,000,000	\$ 1,000,000
59	SF-150007	SF	SFMTA	SFMTA Farebox Replacement	\$ 9,270,800	\$ 420,000
60	SF-150017	SF	SFDPH	SF Safe Routes to School 2017-2019	\$ 2,544,372	\$ 66,686
61	SF-170017	SF	SFMTA	Vision Zero SF: Safer Intersections	\$ 2,062,000	\$ -
62	SF-170019	SF	SFMTA	SFMTA: 40' Motor Coach Mid-Life Overhaul	\$ 50,642,743	\$ 50,642,743
63	SF-170023	SF	SFMTA	SF Safe Routes to School Non-Infrastructure	\$ 3,178,000	\$ 3,178,000
64	SF-991030	SF	SF County TA	US 101 Doyle Drive Replacement	\$ 991,766,569	\$ 15,000,000



**Projects Being Archived Before Approval of the 2021 TIP (continued)**

<b>Sl. No.</b>	<b>TIP ID</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>2019 TIP Funding (2019-2022)</b>
65	SM-010047	SM	Menlo Park	US 101 / Willow Road Interchange Reconstruction	\$ 75,652,000	\$ -
66	SM-050040	SM	Caltrain	Caltrain: ADA Operating Set-aside	\$ 1,541,857	\$ -
67	SM-070004	SM	East Palo Alto	Bay Rd Bicycle/Ped Improvements Phase II & III	\$ 12,955,550	\$ -
68	SM-070008	SM	Caltrain	Caltrain South Terminal Phase II and III	\$ 15,500,000	\$ -
69	SM-110022	SM	CCAG	San Mateo County SR2S Program	\$ 8,074,000	\$ -
70	SM-110065	SM	Redwood City	Middlefield Rd and Woodside Rd Intersection Improv	\$ 509,924	\$ -
71	SM-130003	SM	SSF	SSF Citywide Sidewalk Gap Closure Project	\$ 404,000	\$ -
72	SM-130013	SM	SSF	SSF Grand Blvd Chestnut to Arroyo	\$ 1,131,000	\$ -
73	SM-130016	SM	Pacifica	Palmetto Avenue Streetscape	\$ 3,875,000	\$ -
74	SM-130019	SM	San Bruno	San Bruno Ave Street Medians Improvements	\$ 860,230	\$ -
75	SM-130020	SM	San Mateo	San Mateo Citywide Crosswalk Improvements	\$ 433,000	\$ -
76	SM-130021	SM	Burlingame	Carolyn Ave Complete Streets and Road Diet	\$ 1,160,000	\$ -
77	SM-130022	SM	Redwood City	Middlefield Road Bicycle / Ped Improvements	\$ 6,650,000	\$ -
78	SM-130026	SM	Caltrain	Caltrain Control Point Installation	\$ 5,492,719	\$ -
79	SM-130028	SM	East Palo Alto	US-101 Pedestrian/Bicycle Overcrossing	\$ 9,200,000	\$ -
80	SM-130030	SM	SSF	SSF Grand Blvd Improvements Kaiser Way to McLellan	\$ 2,996,000	\$ -



**Projects Being Archived Before Approval of the 2021 TIP (continued)**

<b>Sl. No.</b>	<b>TIP ID</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>2019 TIP Funding (2019-2022)</b>
81	SM-150002	SM	San Mateo	City of San Mateo SR2S Program	\$ 2,515,000	\$ -
82	SM-150013	SM	San Mateo Co	RWC 2020 Sustainable Transportation Encouragement	\$ 966,000	\$ -
83	SM-150014	SM	San Mateo County	Safe Routes to School for Health and Wellness	\$ 1,045,000	\$ -
84	SM-150016	SM	San Mateo	San Mateo Downtown Parking Tech Implementation	\$ 2,500,000	\$ -
85	SM-170009	SM	Woodside	Woodside School Safety Pathway Phase 3	\$ 755,000	\$ 664,000
86	SM-170012	SM	San Mateo Co	Canada Road and Edgewood Road Resurfacing	\$ 1,014,456	\$ 905,908
87	SM-170019	SM	Brisbane	Brisbane - Tunnel Ave Rehabilitation	\$ 166,000	\$ 156,000
88	SM-170025	SM	Foster City	Foster City - Pavement Rehabilitation	\$ 1,917,000	\$ 1,746,000
89	SM-170030	SM	Pacifica	Pacifica Citywide Curb Ramps	\$ 909,000	\$ 909,000
90	SM-170031	SM	Pacifica	Pacifica Pavement Rehabilitation	\$ 1,002,200	\$ -
91	SOL070012	SOL	Solano County	Cordelia Hills Sky Valley	\$ 2,750,000	\$ -
92	SOL170012	SOL	Vacaville	Vacaville - Pavement Preservation	\$ 2,834,092	\$ 2,734,092
93	SON03001 2	SON	SantaRosa Bus	Santa Rosa City Bus: Transit Enhancements	\$ 944,830	\$ -
94	SON07002 0	SON	SantaRosa Bus	Santa Rosa City Bus Replacement Bus Purchase	\$ 5,612,652	\$ -
95	SON15001 7	SON	SantaRosa Bus	SRCityBus Non-Revenue Vehicle and Capital Equipmnt	\$ 70,000	\$ -
96	SON15001 9	SON	SantaRosa Bus	Implementation of Reimagining CityBus	\$ 782,439	\$ -





**Projects Being Archived Before Approval of the 2021 TIP (continued)**

<b>Sl. No.</b>	<b>TIP ID</b>	<b>County</b>	<b>Sponsor</b>	<b>Project Name</b>	<b>Total Project Cost</b>	<b>2019 TIP Funding (2019-2022)</b>
97	SON170019	SON	Petaluma	Petaluma Purchase Service Vehicle	\$ 35,000	\$ -
98	VAR170020	VAR	MTC	GL: FTA Section 5310 Program FY15, FY16 and FY17	\$ 14,678,446	\$ 14,678,446



# APPENDIX A – 47

## *2021 TIP Detail*

### Grouped Listings in the 2021 TIP



**GL: Alameda County Traffic Operations Systems and  
Mobility Program  
(TIP ID – ALA170060)**

**Last updated with 2021 TIP Update**

**FTIP BACK-UP LIST FOR Alameda County TOS/Mobility Program (ALA170060)**

**SHOPP-Mobility Funds for 2016/2019 Program Years**

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
<b>SHOPP - Mobility</b>												
04	ALA	80		In Alameda, Contra Costa, and Solano counties, on Routes 80, 580 and 980 at various locations. Install traffic operations systems (TOS).	15500	0064A	2016/17	201.315	\$ 9,600	\$ 63	\$ 31,762	\$ 41,425
<b>TOTALS FY 2016/2017</b>									<b>\$ 9,600</b>	<b>\$ 63</b>	<b>\$ 31,762</b>	<b>\$ 41,425</b>
4	ALA	880	4.6	In Fremont, from Auto Mall Parkway to Mowry Avenue; also, in Newark on Route 84 from Thornton Avenue to Newark Boulevard (PM R3.8 to R4.9). Widen ramps and install ramp metering.	15148	0012B	2018/19	201.315	\$ 2,741	\$0	\$13,281	\$16,022
4	ALA	680	M0.0	In and near Fremont, Pleasanton, and Dublin, from 0.3 mile south of Scott Creek Road to 0.3 mile north of Alcosta Boulevard. Install ramp meters, ramp HOV bypass lanes, and traffic operations systems (TOS).	4G113	1463D	2018/19	201.315	\$ 11,300	\$800	\$28,300	\$40,400
<b>TOTALS FY 2018/2019</b>									<b>\$ 14,041</b>	<b>\$ 800</b>	<b>\$ 41,581</b>	<b>\$ 56,422</b>
<b>SHOPP - Mobility NEW REQUESTED TOTAL</b>									<b>\$ 23,641</b>	<b>\$ 863</b>	<b>\$ 73,343</b>	<b>\$ 97,847</b>
<b>SHOPP - Mobility PROGRAMMED TOTAL</b>									<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>SHOPP - Mobility DIFFERENCE TOTAL</b>									<b>\$ 23,641</b>	<b>\$ 863</b>	<b>\$ 73,343</b>	<b>\$ 97,847</b>

**FTIP BACK-UP LIST FOR Alameda County TOS/Mobility Program (ALA170060)**

**CMAQ Funds for 2011/2019 Program Years**

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	FY	Support	RW	CON	TOTAL
<b>CMAQ - Freeway Performance Initiative</b>									
04	ALA	Various	Various	In Alameda and Marin counties, on Routes 680, 880 and 101 at various locations. Install traffic operations systems (TOS).	2015/16	\$ 6,819			\$ 6,819
04	ALA	580	Various	In Alameda County, on Routes 580 at various locations between the Santa Clara County Line and Route 238. Install traffic operations systems (TOS).	2015/16			\$ 4,808	\$ 4,808
						<b>\$ 6,819</b>	<b>\$ -</b>	<b>\$ 4,808</b>	<b>\$ 11,627</b>
04	ALA	Various	Various	In Alameda and Marin counties, on Routes 680, 880 and 101 at various locations. Install traffic operations systems (TOS).	2016/17	\$ 3,417			\$ 3,417
						<b>\$ 3,417</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,417</b>
04	ALA	Various	Various	In Alameda and Marin counties, on Routes 680, 880 and 101 at various locations. Install traffic operations systems (TOS).	2018/19			\$ 4,686	\$ 4,686
						<b>\$ -</b>	<b>\$ -</b>	<b>\$ 4,686</b>	<b>\$ 4,686</b>
04	ALA	Various	Various	In Alameda and Marin counties, on Routes 680, 880 and 101 at various locations. Install traffic operations systems (TOS).	2019/20	\$ -	\$ -	\$ 270	\$ 270
						<b>\$ -</b>	<b>\$ -</b>	<b>\$ 270</b>	<b>\$ 270</b>
						<b>\$ 10,236</b>	<b>\$ -</b>	<b>\$ 9,764</b>	<b>\$ 20,000</b>

**GL: Marin County Traffic Operations Systems and Mobility  
Program  
(TIP ID – MRN170018)**

**Last updated with 2021 TIP Update**

### Marin County TOS-Mobility Projects (MRN170018)

#	Project	Project Sponsor	Project Description	SHOPP-Mobility	FBP	Local	TOTAL Funding	Program Year
1	US-101 TOS	Caltrans	Marin County: On US-101 In and near Sausalito, Corte Madera, and Larkspur, from north of Golden Gate Bridge to 0.3 mile north of Sir Francis Drake Boulevard: Install ramp metering and Traffic Operations System (TOS) elements.	12,960,000			12,960,000	2019
2	Public Ferry Docks Gangway System	California State Parks	Marin County: Angel Island State Park ferry load/off load area in Ayala Cove on Angel Island: Rehabilitate/replace gangway and gangway supporting platforms to improve safety and ADA accessibility		97,649	82,351	180,000	2019
<b>Total Programming</b>				<b>12,960,000</b>	<b>97,649</b>		<b>13,140,000</b>	

**GL: 5307 JARC FY13-FY14 – Large UA  
(TIP ID – REG110039)**

**Last updated with 2021 TIP Update**



**FTIP BACK-UP LIST FOR 5307 JARC PROGRAM - FY2013 & FY14 PROGRAM OF PROJECTS FOR LARGE URBANIZED AREAS (REG110039)**

As Updated with TIP Revision 2021-00

No.	County	Recipient	Project			Total Federal Share	Local Share	Total Project Cost
			Name	Description	Program Year			
<b>5307 JARC</b>								
1	ALA	AC Transit	Preserve Operations in Community of Concern	Restructure and/or continue service to several key communities of concern in the Southern, Central, and Northern portions of Alameda County.	2017	\$ 525,429	\$ 525,429	\$ 1,050,858
2	CC	AC Transit	Preserve Operations in Community of Concern	Preserve transit operations in Contra Costa County communities of concern	2017	\$ 45,986	\$ 45,986	\$ 91,972
3	CC	County Connection	Preserve Operations in Community of Concern	Preserve frequency and coverage on CCCTA routes #14, 11, 16, 18, 19, 314 and 316, which serve the Monument Corridor and downtown Martinez. These routes connect residents in two communities of concern to medical services, jobs and training programs.	2017	\$ 150,055	\$ 150,055	\$ 300,110
4	CC	AC Transit	Preserve Operations in Community of Concern	Maintain existing services on the following routes that serve low-income areas: 71, 76, 376, 800. All of the routes link low-income riders with employment centers, schools, retail, and services.	2017	\$ 244,986	\$ 244,986	\$ 489,972
5	CC	WestCAT	C3 Operations	Provide operating funding for WestCAT Route C3, which serves Contra Costa College	2019	\$ 38,000	\$ 38,000	\$ 76,000
6	CC	Tri Delta Transit*	Route 200 & 201	Provide service between Bay Point and central Concord and Martinez.	2017	\$ 126,353	\$ 126,353	\$ 252,706
7	CC	Tri Delta Transit*	Route 200 & 201	Provide service between Bay Point and central Concord and Martinez.	2019	\$ 37,884	\$ 37,884	\$ 75,768
8	MAR	Marin Transit	Route 257 Shuttle	Suports Route 257 shuttle service to connect welfare and other low-income individuals to jobs and employment related services. Route 257 operates between Central San Rafael, employment and retail centers, Dominican University and the Marin Employment Connections site a the Health and Human Services campus.	2017	\$ 144,622	\$ 144,622	\$ 289,244
9	SF	SFMTA	Continuation of Bus Restoration Project	Continue the expanded service levels and late-night service provided for six bus routes that serve low income communities: 19-Polk, 21-Hayes, 27-Bryant, 29-Sunset, 44-O'Shaughnessy, and 54-Felton.	2017	\$ 911,746	\$ 911,746	\$ 1,823,492
10	SC	VTA/Outreach & Escort, Inc.*	Family Transportation Services	Provide a range of no-cost transportation alternatives for CalWORKs participants, veterans, older adults and other low-income individuals to assist them in finding and retaining employment. Services include: door-to-door rides to work, training, school and/or support services; support of public transit use; and vehicle repairs.	2017	\$ 688,400	\$ 688,400	\$ 1,376,800
11	SON	Santa Rosa CityBus	Roseland Operations	Support continued operation of improved transit services in the Roseland community, including service on routes 9, 12, and 19.	2017	\$ 156,864	\$ 156,864	\$ 313,728
12	SON	Santa Rosa CityBus	Roseland Operations	Support continued operation of improved transit services in the Roseland community, including service on routes 9, 12, and 19.	2017	\$ 124,214	\$ 124,214	\$ 248,428
<i>Total - Direct Recipient Grants</i>						\$ 3,194,539	\$ 3,194,539	\$ 6,389,078

\* Amount indicates a funding exchange or passthrough agreement for Lifeline Cycle 3 projects

**GL: Lifeline Cycle 4 - 5307 JARC Set-aside  
(TIP ID – REG150004)**

**Last updated with 2021 TIP Update**

**FTIP BACK-UP LIST FOR 5307 JARC PROGRAM - CYCLE 4 LIFELINE (FY13-FY16) PROGRAM OF PROJECTS (REG150004)**  
As Updated with TIP Revision 2021-00

						Federal Share by Urbanized Area (UA) and Apportionment Year												
						FY 2013		FY 2014		FY 2015		FY 2016		Total Federal Share		Total Local Share	Total Project Cost	
No.	County	Project Sponsor	Project	Project Description	Program Year	5307/JARC	UA	5307/JARC	UA	5307/JARC	UA	5307/JARC	UA	5307/JARC	UA			
1	ALA	AC Transit	Preservation of Existing Services in Communities of Concern	Restructure and/or continue existing service on Lines 31, 40, 45, 62, 98, 800 and 801. Request is for 3 years of service.	2017			453,484	SFO	477,871	SFO	485,516	SFO	1,416,871	SFO	1,416,871	2,833,742	
2	ALA	City of Oakland (via AC Transit)	City of Oakland Broadway Shuttle	The Broadway Shuttle currently operates Monday-Thursday 7am-10pm; Friday 7am-1am; and Saturday 6pm-1am, every 10-15 minutes. Request is for 3 years of program	2017 2019			129,742	SFO	136,719	SFO	138,907	SFO	266,461	SFO	405,368	810,736	
3	ALA	LAVTA	WHEELS Route 14 Operating Assistance	Route 14 operations. Request is for 2 years of service.	2017	31,800	LIV	32,239	LIV	32,239	LIV	32,755	LIV	129,033	LIV	129,033	258,066	
4	CC	County Connection (CCCTA)	Preserve Operations in Community of Concern	Maintain existing service on Routes 11, 14, 16, 18, 19, 311, 314, 316.	2017			124,656	CON	124,656	CON	126,650	CON	375,962	CON	375,962	751,924	
5	CC	Tri Delta Transit	Route 200 and 201	Provide continued and expanded service between Bay Point (Community of Concern) and central Concord and Martinez.	2017			89,765	ANT	127,649	ANT	129,691	ANT	347,105	ANT	347,105	694,210	
6	CC	AC Transit	Preserve Operations in Community of Concern	Maintain existing service on Lines 71, 76, 376, 800.	2017			87,387	SFO	78,362	SFO	79,615	SFO	245,364	SFO	245,364	490,728	
7	CC	WestCAT	C3 Operations	Increase frequency on Route C3, which operates between Hercules Transit Center and Contra Costa College in San Pablo.	2017 2019			87,387	SFO	78,362	SFO	79,614	SFO	87,387	SFO	245,363	490,726	
8	MAR	Marin Transit	Route 257 Shuttle Service	Support for Route 257 shuttle service to connect welfare recipients and other low income individuals to jobs and employment-related services.	2017							222,210	SFO	222,210	SFO	222,210	444,420	
9	NAP	NCTPA	Operating Assistance	Continue VINE Transit fixed route service.	2017	71,632	NAP	5,954	NAP	5,954	NAP	7,117	NAP	90,657	NAP	90,657	181,314	
10	NAP	City of Napa (via NCTPA)	Tulocay Creek Bridge/Trail Completion	Pave three-quarter mile of Class 1 multi-use trail between new Tulocay Creek bicycle/pedestrian bridge and Riverfront Green Park at Soscol & Third.	2017			40,000	NAP	40,000	NAP	40,000	NAP	120,000	NAP	30,000	150,000	
11	NAP	City of Calistoga (via NCTPA)	Pedestrian Safety Enhancement	Installation of crosswalk and in-pavement crosswalk lighting with advanced warning flashing beacons on Lincoln Avenue at Brannan Street-Wappo Avenue.	2017			26,667	NAP	26,667	NAP	26,666	NAP	80,000	NAP	20,000	100,000	
12	SF	SFMTA	Expanding Late Night Transit Service to Communities in Need	Improve late-night Owl transit service in key communities of concern for three years.	2017			340,740	SFO	358,104	SFO	363,834	SFO	1,062,678	SFO	1,062,678	2,125,356	
13	SM	SamTrans	Expansion of Fixed Route 122	Expand Route 122 service; add approximately 5.4 hours to daily weekday and Saturday service and 1.1 hours for Sunday service.	2017 2019			140,890	SFO	148,070	SFO	150,439	SFO	288,961	SFO	439,400	878,800	
14	SM	SamTrans	Fixed Route Bus Procurement	Replace the articulated bus fleet, which has reached the end of its useful life.	2017 2019			88,244	SFO	92,741	SFO	94,225	SFO	180,984	SFO	68,802	344,011	
15	SC	Peninsula Family Service (via VTA)	Vehicle Loan Program - Santa Clara County	Provide low-interest auto loans to individuals who are unable to access affordably priced consumer loan financing.	2017			228,657	SJ	228,657	SJ	232,315	SJ	689,629	SJ	689,629	1,379,258	
16	SC	Outreach & Escort, Inc. (via VTA)	Family Transportation Services	Provide a range of no-cost transportation alternatives for CalWORKs participants, veterans, older adults and other low-income individuals to assist them in finding and	2017	61,111	GIL	61,954	GIL	61,954	GIL	62,945	GIL	247,964	GIL	1,308,909	2,617,818	
17	SOL	Fairfield and Suisun Transit	Sustaining Route 30 Saturday Service	Continue funding Route 30 bus service on Saturdays between Fairfield and the City of Davis, serving Vacaville and Dixon along the route.	2017	20,716	FF	21,003	FF	21,003	FF	21,338	FF	84,060	FF	84,060	168,120	
18	SOL	Fairfield and Suisun Transit	ADA Local Taxi Scrip Program	Provide a subsidized taxi fare program for seniors over age 60 and ADA qualified residents of Fairfield and Suisun City.	2017	73,935	FF	74,955	FF	74,955	FF	76,155	FF	300,000	FF	300,000	600,000	
19	SOL	SolTrans	Sustaining Route 2 (SCC-Vallejo)	Provide continued funding of the Solano Community College/SolTrans Bus Project (SolTrans Route 2).	2017	138,107	VAL	140,014	VAL	140,014	VAL	142,254	VAL	560,389	VAL	560,389	1,120,778	
20	SOL	Fairfield and Suisun Transit	Sustaining Route 20	Fund Route 20, which provides intercity service between Fairfield and Vacaville .	2017	41,073	VAC	41,640	VAC	41,640	VAC	42,306	VAC	166,659	VAC	166,659	333,318	
21	SON	Petaluma Transit	Weekend Service	Support continued fixed route bus service on Saturday and Sunday for two years.	2017 2019	18,960	PET	19,222	PET	19,222	PET	19,530	PET	57,712	PET	76,934	153,868	
22	SON	Santa Rosa CityBus	Lifeline Vehicle Replacement	Project includes partial funding for the replacement of up to ten (10) fixed route buses in the aging Santa Rosa CityBus fleet.	2017			6,473	SR	77,397	SR	78,636	SR	162,506	SR	40,627	203,133	
23	SON	Sonoma County Transit	CNG Bus Purchase	Assist with the purchase of two compressed natural gas (CNG) transit coaches.	2017 2017 2019 2019	12,640	PET	12,815	PET	58,153	SR	13,020	PET	25,455	PET	43,347	190,901	
						Antioch UA		-		89,765		127,649		129,691		347,105		
						Concord UA		-		124,656		124,656		126,650		375,962		
						Fairfield UA		94,651		95,958		95,958		97,493		384,060		
						Gilroy-Morgan Hill UA		61,111		61,954		61,954		62,945		247,964		
						Livermore UA		31,800		32,239		32,239		32,755		129,033		
						Napa UA		71,632		72,621		72,621		73,783		290,657		
						Petaluma UA		31,600		32,037		19,222		19,530		102,389		
						San Francisco-Oakland UA		-		1,327,874		1,370,229		1,614,360		4,312,463		
						San Jose UA		-		580,429		580,429		589,716		1,750,574		
						Santa Rosa UA		-		11,336		135,550		78,636		225,522		
						Vacaville UA		41,073		41,640		41,640		42,306		166,659		
						Vallejo UA		138,107		140,014		140,014		142,254		560,389		
						<b>Total</b>		<b>469,974</b>		<b>2,610,523</b>		<b>2,802,161</b>		<b>3,010,119</b>		<b>8,892,777</b>		<b>17,321,227</b>

**GL: FTA 5311 Program Fiscal Year 2015-16  
(TIP ID – VAR150001)**

**Last updated with 2021 TIP Update**

**FTIP Back-up List for FTA Section 5311 FY 2016 Rural Area Formula Program TIP ID: VAR150001**

As Updated with TIP Revision 2021-00

No.	County	Subrecipient	Project Description	TIP Program Year	Federal Share	Local Share	Total Project Cost	
<b>Section 5311</b>								
1	SOL	City of Dixon	Operating Assistance (Readi-Ride)	2019	\$183,266	\$381,206	\$564,472	
2	SOL	Fairfield and Suisun Transit	Operating Assistance (Route 30)	2019	\$100,000	\$229,003	\$329,003	
3	ALA	Livermore Amador Valley Transit Authority	Operating Assistance (Routes 2, 11, 12, 20)	2019	\$41,460	\$35,267	\$76,727	
4	MAR	Marin County Transit District	Operating Assistance (West Marin Stagecoach)	2019	\$200,063	\$170,181	\$370,244	
5	NAP	Napa County Transportation and Planning Agency	Operating Assistance (Northern Napa County)	2019	\$200,991	\$170,971	\$371,962	
6	SOL	City of Rio Vista	Operating Assistance (Delta Breeze)	2019	\$105,000	\$290,700	\$395,700	
7	SM	San Mateo County Transit District	Operating Assistance (Coastside Demand Response; Route 17)	2019	\$148,815	\$126,587	\$275,402	
8	SON	Sonoma County Transit	Vehicle Replacements	2019	\$460,430	\$62,853	\$523,283	
9	SC	Santa Clara Valley Transportation Authority	Operating Assistance (Route 68)	2019	\$76,355	\$64,950	\$141,305	
<b>Total Grouped Listing</b>						<b>\$1,516,380</b>	<b>\$1,531,718</b>	<b>\$3,048,098</b>

**GL: Safety Improvements – Highway Safety Improvement  
Program  
(TIP ID – VAR170002)**

**Last updated with 2021 TIP Update**

**Highway Safety Improvement Program (HSIP)  
2019 FTIP Back-Up List, sorted by MPO, Agency and Unique Project ID**

MPO:					MTC										
Backup List Updated On:					12/13/2019										
Unique Project ID	HR3 Eligibility *	District	Agency	MPO	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20	Federal Funds Programmed in 2020/21	Federal Funds Programmed in 2021/22	Approved Federal Funds
H8-04-001&002	Yes	4	Alameda County	MTC	Redwood Road between Marciel Rd and Camino Alta Mira in Castro Valley, and Palomares Rd between Palo Verde Rd and Highway 84.	Pave existing shoulders and provide law enforcement pullout areas to control vehicles speeding along the corridors.	\$418,000	\$376,200	\$41,800	\$63,000	\$313,200	\$0	\$0	\$0	\$376,200
H8-04-003	No	4	Alameda County	MTC	Fairmont Drive between Lake Chabot Road and 2700 Fairmont Drive in Castro Valley.	Install guardrails.	\$908,800	\$908,800	\$0	\$80,300	\$0	\$828,500	\$0	\$0	\$908,800
H9-04-001	No	4	Alameda County	MTC	Various unsignalized intersections in unincorporated Alameda County.	Install/upgrade larger or additional stop signs or other warning/regulatory signs; add intersection lighting; add pedestrian crossing with enhanced safety features.	\$1,942,400	\$485,600	\$0	\$0	\$0	\$0	\$0	\$485,600	\$1,942,400
H9-04-002	No	4	Alameda County	MTC	Various signalized intersections throughout Alameda County; urban and suburban contexts.	Install mast arms; install signal hardware improvements such as additional signal heads, reflective backplates; install leading pedestrian interval.	\$2,493,900	\$623,475	\$0	\$0	\$0	\$0	\$0	\$623,475	\$2,493,900
H9-04-003	No	4	Alameda County	MTC	Crow Canyon Road, Palomares Road, North Vasco Road, and Altamont Pass Road in unincorporated Alameda County.	Widen paved shoulders, construct edgeline rumble strips, and install chevron signs and delineators.	\$1,812,700	\$407,857.50	\$181,270	\$0	\$0	\$0	\$0	\$407,857.50	\$1,631,430
H9-04-004	No	4	Alameda County	MTC	Ten (10) locations along Tesla Road between Eagles Run Road and McLaughlin Road.	Upgrade guardrail.	\$471,300	\$117,825	\$0	\$0	\$0	\$0	\$0	\$117,825	\$471,300
H9-04-005	No	4	Benicia	MTC	Twenty-eight (28) guardrail locations within Benicia.	Upgrade existing guardrails and the end treatments.	\$996,000	\$249,000	\$0	\$0	\$0	\$0	\$0	\$249,000	\$996,000
H9-04-006	No	4	Benicia	MTC	The intersections of West 5th St. with Military West and Hasting Dr. with London Dr.	Enhance pedestrian crossings by installing ADA curb ramp, RRFB system, median island, and sidewalk, and other relevant elements.	\$259,100	\$62,500	\$9,100	\$0	\$0	\$0	\$0	\$62,500	\$250,000
HSIP7-04-001	No	4	Benicia	MTC	The intersection of East 5th Street and Vecino Street, and along East 5th Street between I-780 and Vecino Street	Construct a bulb-out and crosswalk with flashing beacons on East 5th Street @ Vecino Street and extend the eastern sidewalk of East 5th Street to I-780 along with adding two new roadway lights	\$470,600	\$423,540	\$47,060	\$57,600	\$0	\$0	\$0	\$365,940	\$423,540
HSIP7-04-002	No	4	Benicia	MTC	The intersection of Military West, West 7th Street, Carolina Drive, and Buena Vista	Replace traffic signal to add protected lefts on Military West; upgrade five (5) pedestrian crosswalks, and upgrade controller cabinet	\$281,200	\$253,080	\$28,120	\$29,700	\$0	\$0	\$0	\$223,380	\$253,080
H9-04-007	No	4	Brisbane	MTC	Guadalupe Canyon Pkwy between Bayshore Blvd and western city limit.	Install edgeline rumble stripes, bike lane markings, and signage; restripe lane and median markings to widen median; install centerline rumble stripes; upgrade existing flashing beacons with solar-powered LED flashing	\$120,300	\$108,270	\$12,030	\$0	\$108,270	\$0	\$0	\$0	\$108,270
HSIP6-04-002	No	4	Campbell	MTC	Harriet Avenue between Westmont Avenue and north city limits	Install pedestrian hybrid beacon; construct curb, gutter, sidewalk, and curb ramps; widen sidewalk; install traffic signs, stripes, and pavement markings	\$574,400	\$516,900	\$57,500	\$59,400	\$457,500	\$0	\$0	\$0	\$516,900
H9-04-008	No	4	Concord	MTC	Various locations.	Improve signal hardware (lenses, backplates, mountings, size, number), upgrade cabinet equipment, controllers and modify phasing to provide a Lead Pedestrian Interval (LPI).	\$2,460,800	\$2,386,976	\$73,824	\$0	\$0	\$0	\$0	\$2,386,976	\$2,386,976
H8-04-004	No	4	Contra Costa County	MTC	Intersections of Olympic Boulevard at Bridgefield Road and Walden Road at Westcliffe Lane (unincorporated Walnut Creek area).	Construct ADA curb ramp, curb, gutter, and sidewalk; Install Rectangular Rapid Flashing Beacons (RRFBs).	\$289,400	\$224,400	\$65,000	\$40,000	\$184,400	\$0	\$0	\$0	\$224,400
H8-04-005	No	4	Contra Costa County	MTC	Marsh Creek Road from the City of Clayton limits to Camino Diablo, Vasco Road from Walnut Boulevard to the Alameda County line, and San Pablo Dam Road from City of Richmond limits to Bear Creek Road.	Upgrade existing guardrails.	\$1,293,200	\$1,293,200	\$0	\$153,600	\$1,139,600	\$0	\$0	\$0	\$1,293,200
H8-04-006	No	4	Contra Costa County	MTC	Danville Boulevard between Stone Valley Road and Jackson Way in unincorporated Alamo of Contra Costa County.	Construct a roundabout at the intersection of Danville Boulevard and Orchard Court in addition to street improvements, such as sidewalk improvements and curb extensions.	\$2,978,000	\$2,718,000	\$260,000	\$485,000	\$0	\$2,233,000	\$0	\$0	\$2,718,000
H8-04-007	No	4	Contra Costa County	MTC	San Pablo Dam Road between the Richmond City Limits and Bear Creek Road/Wildcat Canyon Road.	Install centerline rumble strips along 4.6 miles of two-lane, winding roadway; upgrade regulatory and warning signs; reconstruct median island curbs; install lane channelizers along the centerline.	\$760,800	\$760,800	\$0	\$135,800	\$0	\$625,000	\$0	\$0	\$760,800

**Highway Safety Improvement Program (HSIP)  
2019 FTIP Back-Up List, sorted by MPO, Agency and Unique Project ID**

H8-04-008	No	4	Contra Costa County	MTC	Byron Highway approx. 350 feet south of Byer Road to Hoffman Lane, adjacent to Excelsior Middle School in unincorporated Byron.	Install southbound left-turn lane on Byron Highway on to Byer Road; Construct a two-way left turn lane to improve access at Excelsior Middle School; and widen roadway to provide paved shoulders.	\$1,046,000	\$616,730	\$429,270	\$108,500	\$0	\$508,230	\$0	\$0	\$616,730
H9-04-009	No	4	Contra Costa County	MTC	Kirker Pass Road between the city limits of Concord and Pittsburg.	Install intersection lighting at two intersections, install protective guardrail along the top of embankment, and install delineators/reflectors along the K-rail median.	\$1,280,000	\$1,280,000	\$0	\$0	\$0	\$0	\$0	\$1,280,000	\$1,280,000
H9-04-010	No	4	Contra Costa County	MTC	Various locations on arterials and major collector roadways in the Crockett area.	Upgrade sub-standard MBGR guardrails to Caltrans standard MGS guardrails and end treatments on arterials and major collector roadways (approximately 41 guardrails with a length of over 12,000 linear feet)	\$1,696,500	\$999,963	\$696,537	\$0	\$0	\$0	\$999,963	\$0	\$999,963
HSIP7-04-005	No	4	Contra Costa County	MTC	On San Pablo Dam Road between Appian Way and Clark Road, within the unincorporated El Sobrante area.	Construct curb, gutter, and sidewalk	\$906,300	\$613,920	\$292,380	\$108,750	\$0	\$0	\$505,170	\$0	\$613,920
HSIP7-04-006	No	4	Contra Costa County	MTC	Byron Highway between Byron Hot Springs Road and Contra Costa/Alameda County Line, within the unincorporated Byron area.	Restripe centerline with double yellow no passing lines, install centerline rumble strips, and upgrade signs	\$515,000	\$515,000	\$0	\$92,000	\$0	\$0	\$0	\$423,000	\$515,000
HSIP7-04-007	No	4	Contra Costa County	MTC	Located on Marsh Creek Road between the city limits of Clayton and Brentwood. The project length is approximately 14 miles.	Install centerline rumble strips/strips; Add lighting at Deer Valley Road and Marsh Creek Road intersection	\$1,268,000	\$1,268,000	\$0	\$212,000	\$0	\$0	\$1,056,000	\$0	\$1,268,000
H9-04-011	No	4	Cupertino	MTC	The intersection of Homestead Rd and N De Anza Blvd.	Upgrade existing pedestal-mounted signal to signal on mast arm.	\$213,300	\$213,300	\$0	\$0	\$0	\$0	\$0	\$213,300	\$213,300
H9-04-012	No	4	Fairfield	MTC	14 signalized intersections including N Texas St at Tabor, Travis, Walmart, Atlantic/Cement Hill; Travis Blvd at 2nd, Pennsylvania, Webster, Union, Holiday, Fairfield, Solano Mall, Oliver; Oliver at Woodcreek; and Gateway at	Install Adaptive Signal Timing and advanced dilemma-zone detection, and enhance the visibility of signals.	\$1,870,300	\$233,787.50	\$935,150	\$0	\$0	\$0	\$0	\$233,787.50	\$935,150
H9-04-013	No	4	Fairfield	MTC	Twenty-five (25) locations.	Upgrade existing guardrails and their end treatments.	\$655,400	\$163,850	\$0	\$0	\$0	\$0	\$0	\$163,850	\$655,400
H9-04-014	No	4	Fairfield	MTC	Five non-signalized intersections, including: N Texas St at Oak St; Pennsylvania Ave at Empire St; N Texas St at Wisconsin St; Travis Blvd at Phoenix Dr; and Travis Blvd at Clay St.	Construct pedestrian crossing enhancements including HAWK installation accompanied by ADA curb ramp, and relevant signs and pavement markings.	\$1,348,100	\$306,692.75	\$121,329	\$0	\$0	\$0	\$0	\$306,692.75	\$1,226,771
H8-04-009	No	4	Fremont	MTC	Fremont Blvd. at the intersections of Mowry Ave. and Stevenson Blvd.	Install 8 pedestrian and bicycle refuge areas (4 at each intersection); remove 8 right-turn slip lanes; relocate signals at intersections to accommodate new refuge areas.	\$1,440,500	\$1,296,450	\$144,050	\$67,500	\$1,228,950	\$0	\$0	\$0	\$1,296,450
H9-04-015	No	4	Los Gatos	MTC	Guardrail locatoins on Blossom Hill Road, Cleland Avenue, Los Gatos Boulevard, Miles Avenue, More Avenue, Reservoir Road, and Santa Rosa Drive.	Upgrade the existing non-conforming and/or damaged guardrails.	\$980,100	\$980,100	\$0	\$0	\$0	\$0	\$980,100	\$0	\$980,100
H8-04-010	No	4	Marin County	MTC	Various rural arterial and collector roads.	Upgrade existing guardrails.	\$1,200,000	\$1,200,000	\$0	\$136,000	\$0	\$1,064,000	\$0	\$0	\$1,200,000
H8-04-011	No	4	Marin County	MTC	Various rural arterial and collector roadways	Install guardrail system	\$429,000	\$386,100	\$42,900	\$67,500	\$0	\$318,600	\$0	\$0	\$386,100
H9-04-016	No	4	Marin County	MTC	Fifty-one (51) signalized intersections throughout Marin County, including unincorporated Marin County and within 11 incorporated cities and towns.	Install pedestrian countdown heads, pedestrian push buttons, 12" LED signal heads, signal head backplates and advanced dilemma zone detections.	\$2,800,300	\$700,075	\$0	\$0	\$0	\$0	\$0	\$700,075	\$2,800,300
H9-04-017	No	4	Marin County	MTC	Locations on Various rural arterials and major collector roadways in the County of Marin.	Upgrade nonstandard guardrails.	\$961,200	\$240,300	\$0	\$0	\$0	\$0	\$0	\$240,300	\$961,200
HSIP7-04-010	No	4	Marin County	MTC	Lucas Valley Road at PM 5.08	Improve roadway curve alignment at Mile Post 5.08	\$1,350,000	\$1,207,500	\$142,500	\$198,000	\$0	\$0	\$1,009,500	\$0	\$1,207,500
HSIP7-04-011	No	4	Marin County	MTC	Arterials and rural collector roadways	Sign inventory, roadway safety sign audit and signing upgrade project	\$605,000	\$544,500	\$60,500	\$202,500	\$0	\$0	\$0	\$342,000	\$544,500
H8-04-012	No	4	Mountain View	MTC	Intersection of Shoreline Blvd. at Villa St.	Upgrade existing traffic signal; add protected left turn phase on minor street approaches; install new pedestrian crosswalk; remove existing channelized free right turn and "pork chop" island; construct curb, gutter,	\$608,800	\$400,725	\$208,075	\$0	\$400,725	\$0	\$0	\$0	\$400,725
H9-04-018	No	4	Napa County	MTC	Silverado Trail, MM 00.00-11.00.	Upgrade existing guardrail on Silverado Trail to meet the current standards.	\$999,400	\$999,400	\$0	\$0	\$999,400	\$0	\$0	\$0	\$999,400



**Highway Safety Improvement Program (HSIP)  
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H9-04-019	No	4	Napa County	MTC	Silverado Trail north of Trancas St and south of HWY 29, excluding portions within and managed by City of St. Helena, City of Calistoga, and Caltrans jurisdictions.	Install rumble strips/stripes, center lines and shoulder striping on both north-bound and south-bound sides of Silverado trail, approximately 33.4 miles northernmost point to southernmost point.	\$1,744,000	\$1,744,000	\$0	\$0	\$1,744,000	\$0	\$0	\$0	\$1,744,000
H9-04-020	No	4	Novato	MTC	Diablo Avenue/De Long Avenue corridor between Novato Boulevard and Reichert Avenue.	Improve pedestrian crosswalks throughout the corridor, install advanced dilemma zone detection at two key intersections, and provide an advance flashing beacon at upstream of an intersection with an arterial roadway.	\$1,146,300	\$1,146,300	\$0	\$0	\$0	\$0	\$0	\$1,146,300	\$1,146,300
H8-04-013	No	4	Oakland	MTC	On Bancroft Avenue in the City of Oakland between Havenscourt Boulevard and 98th Street	Install HAWKS and RRFBs at eleven locations along the corridor; install signal mast arms at three locations; and install a landscape at the northeast corner of Bancroft and 67th Street.	\$4,770,700	\$3,595,300	\$1,175,400	\$702,374	\$0	\$2,892,926	\$0	\$0	\$3,595,300
H8-04-016	No	4	Oakland	MTC	High Street from San Leandro Street to I-580.	Construct crossing enhancements, signal placement improvements, and new pedestrian signal countdown heads.	\$2,097,300	\$1,580,570	\$516,730	\$365,506	\$0	\$1,215,064	\$0	\$0	\$1,580,570
H8-04-017	No	4	Oakland	MTC	Intersections in Downtown Oakland in the area bounded by Broadway, 9th Street, Harrison Street, and 7th Street, and the intersection of 10th Street and Harrison Street.	Construct safety improvements at 13 intersections, including signal mast arms, vehicle/bicycle detection, accessible pedestrian signal upgrade, and other improvements.	\$629,400	\$527,040	\$102,360	\$93,783	\$433,257	\$0	\$0	\$0	\$527,040
H8-04-018	No	4	Oakland	MTC	Twenty-seven (27) existing guardrails on roadways in the Oakland hills.	Upgrade existing guardrails.	\$1,198,500	\$1,003,570	\$194,930	\$178,356	\$825,214	\$0	\$0	\$0	\$1,003,570
H9-04-021	No	4	Oakland	MTC	Foothill Blvd between Harrington Ave and Cole St, and MacArthur Blvd between 69th and 96th Ave.	Construct bulbouts, pedestrian median refuge islands, crosswalk enhancements, Rectangular Rapid Flashing Beacons (RRFBs), signs and striping.	\$1,217,700	\$1,095,930	\$121,770	\$0	\$0	\$0	\$0	\$1,095,930	\$1,095,930
H9-04-022	No	4	Oakland	MTC	Four (4) uncontrolled crosswalks along minor arterials at the following three intersections: 7th Street & Filbert Street; Oakland Avenue & Moss Avenue; and 98th Avenue & C Street.	Install flashing beacons, pavement markings and signs; construct a median island, curb ramps and bulb outs.	\$282,300	\$250,000	\$32,300	\$0	\$0	\$0	\$0	\$250,000	\$250,000
HSIP7-04-015	No	4	Oakland	MTC	Market Street between 4th and 7th Sts & 18 to 19 Sts; Intersections at Market St at 14, 16, 21 Sts; San Pablo Avenue at 32, Brockhurst, and 34 Sts	Stripe and sign bike improvements on Market between 4-7 Sts and 18-19 Sts; install uncontrolled crosswalk enhancements, such as RRFBs, ladder striping, raised bulb-outs, and raised median refuges at multiple locations	\$1,584,300	\$1,425,870	\$158,430	\$183,600	\$0	\$0	\$1,242,270	\$0	\$1,425,870
HSIP7-04-017	No	4	Oakland	MTC	Signalized intersections in Downtown: 10th/Oak, 10th/Jackson, 10th/Harrison, 11th/Jackson, 11th/Harrison, 12th/Franklin, 12th Ped Signal, 13th/Franklin, 17th/Franklin, 19th/Franklin	Upgrade existing deficient signals for pedestrian safety to include countdown signals accessible pedestrian signals	\$565,600	\$509,040	\$56,560	\$65,700	\$0	\$0	\$0	\$443,340	\$509,040
H8-04-019	Yes	4	Palo Alto	MTC	Page Mill Road between the City Limits (Mile Marker 0.0 to Mile Marker 4.5).	Improve curve superelevations and install new guardrails along several turns.	\$1,051,300	\$946,170	\$105,130	\$0	\$0	\$946,170	\$0	\$0	\$946,170
H9-04-023	No	4	Petaluma	MTC	Various intersection throughout the City of Petaluma.	Install Rectangular Rapid Flashing Beacons (RRFBs) at various uncontrolled marked crosswalks.	\$248,900	\$248,900	\$0	\$0	\$248,900	\$0	\$0	\$0	\$248,900
H9-04-024	No	4	petaluma	MTC	Various intersections; and Petaluma Blvd North near Gossage Ave.	Install upgrades to signal hardware at various intersections; and install new guardrail along Petaluma Blvd North.	\$376,100	\$376,100	\$0	\$0	\$376,100	\$0	\$0	\$0	\$376,100
H8-04-020	No	4	Pittsburg	MTC	Stoneman Avenue from Harbor Street to Loveridge Road	Install pedestrian HAWK Signals, intersection striping/signage improvements, and two variable speed signs (at approaches to Stoneman Ave/Meadowbrook Ave).	\$880,000	\$880,000	\$0	\$158,000	\$0	\$722,000	\$0	\$0	\$880,000
H9-04-025	No	4	Pittsburg	MTC	Various locations throughout the City of Pittsburg.	Improve signal hardware (signal heads, backplates, controllers, BBS, UPS, modems, cabinets, etc) and improve signal timing.	\$1,110,000	\$1,065,600	\$44,400	\$0	\$0	\$0	\$0	\$1,065,600	\$1,065,600
HSIP7-04-018	No	4	Pittsburg	MTC	West Leland Road Corridor between Bailey Road and Montevideo Drive; Intersections of Railroad/California Ave and E. Leland/Loveridge Ave	Install dynamic/variable speed warning signs and centerline rumble strips; provide protected left turn and raised pavement markers and striping; and provide High Friction Surface Treatment	\$1,251,500	\$1,190,620	\$60,880	\$208,500	\$0	\$0	\$0	\$982,120	\$1,190,620
H9-04-026	No	4	Rio Vista	MTC	Four (4) pedestrian crossings at the following intersections: S 2nd and Marina Dr (Riverview Junior High); DH White Elementary School and Thereza Way; DH White Elementary School and Laurel Way; and S 7th St and Main St.	Enhance pedestrian crossings by the addition of ADA curb ramp, curb extensions, advance yield signs and lines, Rectangular Rapid Flashing Beacons (RRFBs) and other relevant elements.	\$249,100	\$249,100	\$0	\$0	\$0	\$0	\$0	\$249,100	\$249,100

**Highway Safety Improvement Program (HSIP)  
2019 FTIP Back-Up List, sorted by MPO, Agency and Unique Project ID**

HSIP7-04-021	No	4	San Francisco	MTC	Up to 345 intersections at various locations in the northeast quadrant of San Francisco.	The project will retime up to 345 traffic signals in the northeast quadrant of San Francisco, which includes 251 intersections in the North of Market (NOMA) area and 94 intersections in the South of Market (SOMA) area	\$3,741,900	\$3,741,900	\$0	\$1,346,000	\$0	\$0	\$2,395,900	\$0	\$3,741,900
H8-04-021	No	4	San Jose	MTC	Senter Road between Story Road/Keyes Street and Singleton Road.	Install buffered bike lanes, a raised median island, and general improvements to enhance safety, visibility, and calm vehicle speeds along the corridor.	\$4,042,600	\$2,959,110	\$404,260	\$679,230	\$0	\$2,959,110	\$0	\$0	\$3,638,340
H8-04-022	No	4	San Jose	MTC	White Road between Penitencia Creek Road and Rose Avenue.	Install buffered bike lanes, enhanced crosswalks, flashing beacons, additional streetlights, and general improvements to enhance safety, visibility, and calm vehicle speeds along the corridor.	\$1,359,400	\$1,223,460	\$135,940	\$218,430	\$0	\$1,005,030	\$0	\$0	\$1,223,460
H9-04-027	No	4	San Jose	MTC	Monterey Road between Skyway Drive and Palm Avenue.	Upgrade guardrails that are damaged and not up to current standards.	\$1,002,800	\$1,000,000	\$2,800	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000
HSIP7-04-022	No	4	San Jose	MTC	On McLaughlin Avenue between Interstate 280 and Capitol Expressway.	Install flashing beacons, bulb-outs, enhanced crosswalks, median island, additional streetlights, and general improvements	\$2,793,300	\$2,513,970	\$279,330	\$0	\$0	\$0	\$2,513,970	\$0	\$2,513,970
H8-04-023	No	4	San Leandro	MTC	The intersection of East 14th Street (SR 185) and Joaquin Avenue.	Upgrade the existing aged traffic signal equipment, including adding a scramble pedestrian crosswalk with a dedicated pedestrian signal phase, adding accessible pedestrian signals, and improving signing, striping, and	\$372,500	\$335,250	\$37,250	\$59,850	\$275,400	\$0	\$0	\$0	\$335,250
H9-04-028	No	4	San Leandro	MTC	The intersection of Wicks Blvd and Manor Blvd.	Install southbound and northbound left-turn signals; Upgrade signal heads and signal equipment; Install video detections for cars and bikes and advance detection; Install Accessible Pedestrian Signal (APS); Upgrade	\$359,900	\$359,900	\$0	\$0	\$0	\$0	\$0	\$359,900	\$359,900
HSIP7-04-003	No	4	San Leandro	MTC	The intersection of Davis Street with Carpentier Street	Install pedestrian activated or HAWK signal, accessible pedestrian signal equipment; improve street lighting features and signing & striping for crosswalks; and upgrade disabled curb ramps	\$299,300	\$254,405	\$44,895	\$37,655	\$0	\$0	\$0	\$216,750	\$254,405
H9-04-029	No	4	San Pablo	MTC	The Intersections of Church Lane and Willow Road and El Portal Drive and Mission Bell Road.	Install pedestrian crossing enhancements and illumination.	\$1,015,600	\$228,510	\$101,560	\$0	\$0	\$0	\$0	\$228,510	\$914,040
H8-04-025	No	4	San Rafael	MTC	The intersection of Third Street and Hetherton Street.	Install ADA compliant curb ramp; remove the existing crosswalk on the south leg & install a new crosswalk on the east leg; install new traffic signal poles and conduit; install roadway signage; change traffic signal timing.	\$583,900	\$523,900	\$0	\$60,000	\$0	\$523,900	\$0	\$0	\$583,900
H9-04-030	No	4	San Rafael	MTC	Five (5) signalized intersections of Third Street at Lindaro Street, Lincoln Avenue, Tamalpais Avenue, Irwin Street and Grand Street.	Construct high-visibility crosswalks, install advanced stop bars, and install pedestrian countdown signals at five intersections; and add signal mast arms at three locations.	\$1,575,000	\$393,750	\$0	\$0	\$0	\$0	\$0	\$393,750	\$1,575,000
H8-04-026	No	4	Santa Rosa	MTC	Thirty-nine (39) signalized intersections.	Retrofit and upgrade thirty-nine (39) Protected/Permissive signalized intersections with Flashing Yellow Left Turn Arrow displays to meet the current MUTCD/CAMUTCD Standards.	\$994,000	\$994,000	\$0	\$110,000	\$0	\$884,000	\$0	\$0	\$994,000
H8-04-028	Yes	4	Solano County	MTC	Various locations.	Install new guardrail and upgrade existing guardrail.	\$529,900	\$529,900	\$0	\$94,000	\$435,900	\$0	\$0	\$0	\$529,900
H8-04-030	No	4	South San Francisco	MTC	Intersection of Spruce Avenue at Commercial Avenue.	Install new traffic signal with pedestrian countdown timers and accompanying ADA curb ramps.	\$524,000	\$444,000	\$80,000	\$0	\$0	\$444,000	\$0	\$0	\$444,000
H9-04-031	No	4	South San Francisco	MTC	Three (3) non-signalized intersections: W. Orange Ave at N. Canal St; W. Orange Ave at Myrtle Ave, and Hillside Blvd at Franklin Ave.	Construct pedestrian improvements including RRFB, advanced pedestrian crosswalk, and ADA curb ramps.	\$204,800	\$51,200	\$0	\$0	\$0	\$0	\$0	\$51,200	\$204,800
H9-04-032	No	4	St Helena	MTC	Silverado Trail, with the project limits bordering Napa County, beginning from approximately 175 feet north of Howell Mountain Road and ending at the southern City limits (1,475 feet total).	Upgrade approximately 1,175 lineal feet of existing guardrail and wood posts with new steel posts, new metal guardrail beams and guardrail delineators.	\$556,100	\$556,100	\$0	\$0	\$0	\$0	\$0	\$556,100	\$556,100
H9-04-033	No	4	Suisun City	MTC	Three (3) pedestrian crossings, including: on Merganser Dr between Sunset Ave and Wigeon Way; the intersection of Pintail Dr. and Scoter Way; and on Lawler Ranch Pkwy between Fennie Way and Hillborn Way.	Enhance pedestrian crossings by the addition of ADA curb ramp, RRFB system, yield lines and signs, and other relevant elements.	\$248,100	\$248,100	\$0	\$0	\$0	\$0	\$248,100	\$0	\$248,100
HSIP7-04-023	No	4	Suisun City	MTC	1) Sunset Avenue between Highway 12 and a point approximately 300 feet north of Railroad Avenue East. 2) Walters Road between Highway 12 and E. Tabor Avenue.	Install traffic signal post with left turn arrow, and widen the Railroad Avenue East approach. Replace existing pedestrian head modules with pedestrian head modules that include walking countdown sequence. Install	\$249,000	\$224,100	\$24,900	\$42,300	\$0	\$0	\$0	\$181,800	\$224,100
HSIP7-04-024	No	4	Suisun City	MTC	Eastbound State Route 12 between Pennsylvania Avenue and Marina Boulevard.	Installation of advance warning beacon system with controller and vehicle detection devices	\$180,000	\$162,000	\$18,000	\$36,000	\$0	\$0	\$0	\$126,000	\$162,000

**Highway Safety Improvement Program (HSIP)  
2019 FTIP Back-Up List, sorted by MPO, Agency and Unique Project ID**

H8-04-031	No	4	Sunnyvale	MTC	Various locations.	Provide advance dilemma zone detection.	\$844,800	\$844,800	\$0	\$129,000	\$0	\$715,800	\$0	\$0	\$844,800
H9-04-034	No	4	Sunnyvale	MTC	Sixteen (16) locations throughout the City of Sunnyvale	Install video detection equipment to provide advance dilemma zone detection.	\$1,298,000	\$324,500	\$0	\$0	\$0	\$0	\$0	\$324,500	\$1,298,000
H8-04-032	No	4	Union City	MTC	Two signalized intersections: Alvarado-Niles Road/Mann Ave/Union Square and Alvarado Blvd./Galaxy Drive.	Remove pedestal mounted signal heads, install new mast arms, install new street lights on the mast arm poles and related improvements.	\$537,900	\$537,900	\$0	\$65,000	\$472,900	\$0	\$0	\$0	\$537,900
H9-04-035	No	4	Vacaville	MTC	Twenty-one (21) intersections in the City of Vacaville.	Improve signal hardware and timing ; install Advanced Dilemma-Zone Detection!	\$2,477,700	\$619,425	\$0	\$0	\$0	\$0	\$0	\$619,425	\$2,477,700
H9-04-036	No	4	Vacaville	MTC	The intersections of Browns Valley Rd with Waterford/Clarecastle Way and Marshall Rd. with Southside Bikeway.	Construct pedestrian crossing enhancements such as advanced pedestrian warnings and signs as well as Rectangular Rapid Flashing Beacons (RRFBs).	\$226,100	\$226,100	\$0	\$0	\$0	\$0	\$0	\$226,100	\$226,100
H9-04-037	No	4	Vallejo	MTC	Six (6) pedestrian crossings at the intersections of Broadway at Hogan, Springs at Tregaskis, Broadway at Illinois, Springs at Heartwood, Springs at Lassen/Hilton, and Broadway at Hampshire.	Install High-Intensity Activated Crosswalk beacon (HAWK) at unsignalized intersections.	\$1,305,800	\$326,450	\$0	\$0	\$0	\$0	\$0	\$326,450	\$1,305,800
H9-04-038	No	4	Vallejo	MTC	Five (5) intersections including: Foothill Dr at Redwood Pkwy, Valle Vista Ave at Redwood St, Fairview Ave at Redwood St, Howard Ave at Redwood St, and Solano Ave at Tuolumne St.	Construct pedestrian crossing enhancements such as advanced pedestrian warnings and signs as well as Rectangular Rapid-Flashing Beacons (RRFBs).	\$246,000	\$61,500	\$0	\$0	\$0	\$0	\$0	\$61,500	\$246,000
				<b>Total(MTC)</b>			<b>\$88,675,500</b>	<b>\$63,601,157</b>	<b>\$7,546,220</b>	<b>\$7,130,434</b>	<b>\$9,643,716</b>	<b>\$17,885,330</b>	<b>\$11,950,973</b>	<b>\$17,729,934</b>	<b>\$81,129,280</b>
<b>Individually Listed HSIP Funded Projects</b>															
TIP ID: ALA150042															
HSIP7-04-014	No	4	Oakland	MTC	Telegraph Avenue corridor between 29th Street and 45th Street	Stripe and sign road diet with buffered bike lanes between 29th and 41st Sts; install signal modifications at 29th and 45th Sts; install uncontrolled crosswalk enhancements, painted bulb-outs, and painted median refuges	\$1,493,900	\$1,344,510	\$149,390	\$199,260	\$0	\$0	\$0	\$1,145,250	\$1,344,510
TIP ID: ALA150043															
HSIP7-04-016	No	4	Oakland	MTC	Shattuck Avenue at 49 St, 51St, 59th St, Alacraz Ave; Claremont Avenue between Telegraph Avenue and Clifton Street	Sign and stripe road diet with bike lanes on Claremont; uncontrolled crosswalk enhancements with ladder crosswalk, RRFBs, bulb-out, and/or median refuges at multiple locations; protected left-turn at	\$1,560,100	\$1,404,090	\$156,010	\$180,900	\$0	\$0	\$1,223,190	\$0	\$1,404,090
TIP ID: ALA170052															
H8-04-014	No	4	Oakland	MTC	Fruitvale Avenue from Ashbrook Court to E 10th Street.	Install new Class II bicycle lanes, enhanced safety features at pedestrian crossings, and a new protected left turn phase at Foothill Blvd.	\$1,466,500	\$1,105,190	\$361,310	\$256,985	\$0	\$848,205	\$0	\$0	\$1,105,190
TIP ID: ALA170053															
H8-04-015	No	4	Oakland	MTC	35th Avenue from E 12th Street to I-580.	Construct crossing enhancements, a protected left turn phase at Foothill Blv, and Class II bicycle lanes between International Blvd and E 12th Street.	\$2,903,800	\$2,188,360	\$715,440	\$507,940	\$0	\$1,680,420	\$0	\$0	\$2,188,360

**GL: Pavement Resurfacing and/or Rehabilitation on the State  
Highway System – Highway Maintenance  
(TIP ID – VAR170004)**

**Last updated with 2021 TIP Update**

2019/20 Highway Maintenance Federal Projects

District	Agency	EA	Project ID #	MPO	Project Location	Project Description	Total Project Cost	Other/Local Funds	Funds to be Programmed for PE Support Costs State Funds	Funds to be Programmed in R/W Support costs State Funds	Funds to be Programmed in Construction Support Costs State Funds	Latest Estimated Construction Capital Value in Contract	Constructional Capital Federal Share	Construction Capital State Share	FTIP Program Year	National Highway System (Y/N)	Federal Fund Source	County	Route	Back Post Mile	Ahead Post Mile
04	Caltrans	04-3Q480	0419000216	MTC	In Santa Clara County at Various Locations	Maintenance Asphalt Overlay	\$1,790,000		\$243,000	\$1,000	\$296,000	\$1,250,000	\$1,106,625	\$143,375	2019/20	N	STP	SCL	25	0	\$3
04	Caltrans	04-3Q480	0419000216	MTC	In Santa Clara County at Various Locations	Maintenance Asphalt Overlay	\$574,000		\$78,000	\$1,000	\$95,000	\$400,000	\$354,120	\$45,880	2019/20	Y	NHS	SCL	156	0	\$1
04	Caltrans	04-3Q480	0419000216	MTC	In Santa Clara County at Various Locations	Maintenance Asphalt Overlay	\$1,146,000		\$155,000	\$1,000	\$190,000	\$800,000	\$708,240	\$91,760	2019/20	N	STP	SCL	152	6.1	\$8
04	Caltrans	04-3Q430	0419000211	MTC	In Alameda County in Fremont and Newark from Dumbarton Bridge to Decoto Road Separation (Westbound only)	Maintenance Asphalt Overlay	\$6,728,000		\$912,000	\$1,000	\$1,115,000	\$4,700,000	\$4,160,910	\$539,090	2019/20	Y	NHS	SCL	84.0	0.7	5.98
04	Caltrans	04-3Q440	0419000212	MTC	In Santa Clara County, in San Jose from Route 87/880 Separation to Route N87-N101/101 Connector Separation	Maintenance Asphalt Overlay	\$6,872,000		\$932,000	\$1,000	\$1,139,000	\$4,800,000	\$4,249,440	\$550,560	2019/20	Y	NHS	SCL	87.0	7.5	9.22

2018/19 Highway Maintenance Federal Projects

District	Agency	EA5	Project ID #	MPO	* Project Location	Project Description	Total Project Cost	Other/Local Funds	Funds to be Programmed for PE Support Costs	Funds to be Programmed in R/W Support costs	Funds to be Programmed in Construction Support Costs	Latest Estimated Construction Capital Value in Contract	FTIP Program Year	National Highway System (Y/N)	Fund Source	County	Route	Back Post Mile	Ahead Post Mile	FF/\$1 Job	Lane-Miles
04	Caltrans	04-0P530	0417000464	MTC	IN ALAMEDA COUNTY, IN OAKLAND FROM 5TH AND 6TH STREET VIADUCT TO EAST BAY VIADUCT	Replace with RHMA Overlay-Open	\$2,065,000		\$119,000	\$1,000	\$145,000	\$1,800,000	2018/19	Y	NHS	ALA	880	32.8	34	FF	7.9
04	Caltrans	04-3J500	0415000156	MTC	IN SANTA CLARA COUNTY, IN AND NEAR SAN JOSE FROM WHITE ROAD TO 1.0 MILE EAST OF THREE SPRINGS ROAD	Mill and Replace with HMA Overlay	\$4,015,000		\$231,000	\$1,000	\$283,000	\$3,500,000	2018/19	N	STP	SCL	130	2.3	9	\$1 Job	13.4

2017/18 Highway Maintenance Federal Projects

District	Agency	EA5	Project ID #	MPO	* Project Location	Project Description	Total Project Cost	Other/Local Funds	Funds to be Programmed for PE Support Costs	Funds to be Programmed in R/W Support costs	Funds to be Programmed in Construction Support Costs	Latest Estimated Construction Capital Value in Contract	FTIP Program Year	National Highway System (Y/N)	Fund Source	County	Route	Back Post Mile	Ahead Post Mile	FF/\$1 Job	Lane-Miles
04	Caltrans	04-0P6801	0417000503	MTC	IN SOLANO COUNTY, IN VALLEJO, FROM 0.1 MILE EAST OF CARQUINEZ BRIDGE TOLL PLAZA TO 0.4 MILE WEST OF REDWOOD STREET OVERCROSSING	Maintenance Asphalt Overlay	<b>\$7,873,000</b>		\$1,067,000	\$1,000	\$1,305,000	\$5,500,000	2017/18	Y	NHS	SOL	80	0.6	4	\$1	23.4
04	Caltrans	04-0P6501	0417000500	MTC	IN SAN MATEO COUNTY, ON ROUTE 92, NEAR SAN MATEO, FROM PILARCITOS CREEK ROAD TO ROUTE 280/92 SEPARATION	Maintenance Asphalt Overlay	<b>\$5,154,000</b>		\$699,000	\$1,000	\$854,000	\$3,600,000	2017/18	N	STP	SM	92	R3.2	R7.3	FF	10.7
04	Caltrans	04-3K6301	0417000188	MTC	IN SAN MATEO COUNTY NEAR SAN MATEO ON ROUTE 35 FROM 2 MILES SOUTH OF SOUTH JUNCTION ROUTE 92 TO ROUTE 92 AND IN MENLO PARK ON ROUTE 109 FROM NOTRE DAME AVENUE TO ROUTE 84	Maintenance Asphalt Overlay	<b>\$2,123,000</b>		\$190,000	\$1,000	\$232,000	\$980,000	2017/18	Y	NHS	SM	35	21.0	23	FF	4
04	Caltrans	04-3K6301	0417000188	MTC		Maintenance Asphalt Overlay						\$720,000	2017/18	Y	NHS	SM	109	1.1	1.8	FF	3

2016/17 Highway Maintenance Federal Projects

District	Agency	EA5	Project ID #	MPO	* Project Location	Project Description	Total Project Cost	Other/Local Funds	Funds to be Programmed for PE Support Costs	Funds to be Programmed in R/W Support costs	Funds to be Programmed in Construction Support Costs	Latest Estimated Construction Capital Value in Contract	FTIP Program Year	National Highway System (Y/N)	Fund Source	County	Route	Back Post Mile	Ahead Post Mile	FF/\$1 Job	Lane-Miles
04	Caltrans	04-1K0401	0416000182	MTC	In Santa Clara County, In San Jose from West Julian Street Undercrossing to Route 87/880 Separation	Maintenance Asphalt Overlay	\$3,359,000		\$420,000	\$1,000	\$438,000	\$2,500,000	2016/17	Y	NHS	SCL	87	6.1	7.51	FF	9
04	Caltrans	04-1K1001	0416000188	MTC	In Solano County on Route 12 in Fairfield and Suisun City from 0.1 mile west of Chadbourne Road to 0.4 mile east of Walters Road	Maintenance Asphalt Overlay	\$6,579,000		\$773,000	\$1,000	\$805,000	\$5,000,000	2016/17	Y	NHS	SOL	12	L2.1	7.9	FF	23
04	Caltrans	04-2K1301	0416000366	MTC	In Alameda County, In Oakland, From Route 580/24 Separation to Golden Gate Avenue Undercrossing	Maintenance Asphalt Overlay	\$5,116,000		\$790,000	\$1,000	\$825,000	\$3,500,000	2016/17	Y	NHS	ALA	24	R1.8	R4.5	\$1	24



**GL: Safety Improvements –  
SHOPP Mobility Program  
(TIP ID – VAR170005)**

**Last updated with 2021 TIP Update**

**FTIP BACK-UP LIST FOR SHOPP - MOBILITY PROJECTS (VAR170005)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL	
04	ALA	580	30.8/46.5	In and near Oakland and San Leandro, from Route 238 to Route 80. Install and upgrade Transportation Management System (TMS) elements.	1487A	3J050	201.315	19/20	\$26,570	\$0	\$0	\$0	\$0	\$2,700	\$2,700	\$50	\$3,600	\$20	\$17,500	\$26,570	
									<b>Time Extension Total</b>	<b>\$26,570</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,700</b>	<b>\$2,700</b>	<b>\$50</b>	<b>\$3,600</b>	<b>\$20</b>	<b>\$17,500</b>	<b>\$26,570</b>
04	SCL	237	7.0/8.0	In San Jose, in the eastbound direction from North First Street to Zanker Road. Construct auxiliary lane.	1492A	0K240	201.310	21/22	\$5,330	\$0	\$9,845	\$0	\$0	\$3,120	\$2,080	\$130	\$1,560	\$255	\$8,030	\$15,175	
04	SCL	237	7.0/8.0	In San Jose, in the westbound direction from Zanker Road to North First Street. Construct auxiliary lane.	1492B	0K250	201.310	21/22	\$3,120	\$2,561	\$73,392	\$0	\$0	\$3,120	\$2,080	\$481	\$1,750	\$57,823	\$13,819	\$79,073	
04	SM	1	26.4/47.3	In and near the cities of Half Moon Bay, Pacifica and Daly City, from south of Miramontes Point Road to Clarinada Avenue Undercrossing, at various locations. Install Bluetooth Detection Systems and Variable Message Signs (VMS), enable two existing Changeable Message Signs (CMS), modify Advanced Transportation Management System (ATMS), and construct Maintenance Vehicle Pullouts (MVPs) to improve the system performance.	1452A	2K880	201.315	21/22	\$874	\$30	\$2,888	\$0	\$0	\$430	\$444	\$30	\$444	\$36	\$2,408	\$3,792	
04	ALA	80	2.0/8.0	In Alameda, Contra Costa, and Solano Counties, on Routes 80, 580, and 980 at various locations; also on local streets from Route 980 to the District 4 Transportation Management Center (TMC). Install fiber optic cable and install and upgrade Transportation Management System (TMS) elements.	0064A	15500	201.315	22/23	\$0	\$6,321	\$0	\$104,675	\$0	\$0	\$6,200	\$121	\$11,009	\$320	\$93,346	\$110,996	
04	ALA	980		In various counties, on various routes at various locations. Upgrade controllers in vehicle detection and traffic signal systems.	1488Z	3K360	201.315	22/23	\$0	\$665	\$0	\$8,555	\$0	\$160	\$490	\$15	\$1,240	\$15	\$7,300	\$9,220	
04	ALA	Var		In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	1457C	3K510	201.315	22/23	\$0	\$1,450	\$0	\$18,675	\$0	\$360	\$1,075	\$15	\$2,700	\$15	\$15,960	\$20,125	
04	ALA	880		In Alameda, San Francisco, and San Mateo Counties, on Routes 80, 101, 880, and 980 at various locations. Install and upgrade Transportation Management System (TMS) elements including Closed Circuit Television (CCTV) cameras, Vehicle Detection Systems (VDS), Changeable Message Signs (CMS), ramp meters, and fiber optic cable. □ (G13 Contingency)	2027J	2Q740	201.315	22/23	\$0	\$2,155	\$11,099	\$63	\$0	\$2,155	\$10,958	\$141	\$0	\$63	\$0	\$13,317	
04	SM	101		In Alameda, Contra Costa, Santa Clara, San Mateo, and Solano Counties, on various routes at various locations. Modify and enhance ramp metering systems to improve Transportation Management System (TMS) performance and install guardrail at ramps to enhance highway worker safety.	2020G	0Q070	201.315	22/23	\$0	\$1,179	\$1,270	\$13,237	\$0	\$1,179	\$1,230	\$40	\$2,806	\$31	\$10,400	\$15,686	
04	SON	121	6.5/7.0	Near Schellville, at the intersection of Routes 121 and 116. Construct roundabout.	2031J	3G900	201.310	22/23	\$0	\$0	\$0	\$18,869	\$0	\$0	\$0	\$0	\$2,050	\$4,331	\$12,488	\$18,869	
04	ALA	Var		In various counties, on various routes at various locations. Replace obsolete electronic components in existing Closed Circuit Television (CCTV) camera systems.	2028B	2Q540	201.315	23/24	\$0	\$365	\$1,135	\$0	\$19,365	\$365	\$1,120	\$15	\$2,700	\$15	\$16,650	\$20,865	
04	ALA	580	30.4/46.5	In and near San Leandro and Oakland, from Strobbridge Avenue to 0.7 mile west of San Pablo Avenue at various locations (PM 30.36/46.5L/R). Install and upgrade ramp meters and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes. □ (G13 Contingency)	1493N	0K530	201.315	23/24	\$0	\$4,627	\$0	\$3,955	\$85	\$4,627	\$3,441	\$514	\$0	\$85	\$0	\$8,667	

**FTIP BACK-UP LIST FOR SHOPP - MOBILITY PROJECTS (VAR170005)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	CC	680		In Alameda, Contra Costa, and Solano Counties, on Routes 580, 680, and 780 at various locations. Install and upgrade fiber optic cable, ramp metering systems, and Transportation Management System (TMS) elements, and widen ramps to provide High-Occupancy Vehicle (HOV) bypass ramp lanes. □ (G13 Contingency)	2025C	1Q720	201.315	23/24	\$0	\$5,475	\$10,252	\$0	\$312	\$5,475	\$9,620	\$632	\$0	\$312	\$0	\$16,039
04	NAP	121	7.2/7.4	In the city of Napa, at the intersection with Third Street/East Avenue/Coombsville Road. Construct intersection improvements.	1483B	0J890	201.310	23/24	\$0	\$420	\$0	\$660	\$2,820	\$420	\$510	\$150	\$520	\$340	\$1,960	\$3,900
04	SON	37	3.8/4.0	Near Novato, at the intersection with Route 121. Improve traffic operations by modifying intersection.	2023H	1Q480	201.310	23/24	\$0	\$1,458	\$0	\$1,653	\$8,130	\$1,458	\$1,570	\$83	\$1,597	\$542	\$5,991	\$11,241
04	SON	37	3.9/4.1	Near Novato, from Route 121 to 0.2 mile east of Route 121. Improve traffic operations by extending the lane merge in eastbound direction.	2025P	2Q200	201.310	23/24	\$0	\$1,469	\$0	\$2,376	\$14,287	\$1,469	\$2,361	\$15	\$1,800	\$821	\$11,666	\$18,132
04	MRN	37	11.2/14.6	In and near Novato, from Route 101 to Sonoma County line; also in Sonoma County on Route 37, from Marin County line to Route 121 (PM 0.0/3.9). Reconstruct the roadway to address sea level rise and recurrent flooding. □ (Long Lead Project)	5200	4Q320	201.999	23/24	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,000
<b>2020 SHOPP - Mobility TOTAL</b>									<b>\$9,324</b>	<b>\$28,175</b>	<b>\$109,881</b>	<b>\$172,718</b>	<b>\$44,999</b>	<b>\$24,338</b>	<b>\$43,179</b>	<b>\$2,382</b>	<b>\$30,176</b>	<b>\$65,004</b>	<b>\$200,018</b>	<b>\$365,097</b>
<b>SHOPP - Mobility NEW REQUESTED TOTAL</b>									<b>\$35,894</b>	<b>\$28,175</b>	<b>\$109,881</b>	<b>\$172,718</b>	<b>\$44,999</b>	<b>\$27,038</b>	<b>\$45,879</b>	<b>\$2,432</b>	<b>\$33,776</b>	<b>\$65,024</b>	<b>\$217,518</b>	<b>\$391,667</b>

**GL: Pavement Resurfacing/Rehabilitation – SHOPP Roadway  
Preservation  
(TIP ID – VAR170006)**

**Last updated with the 2021 TIP Update**

**FTIP BACK-UP LIST FOR SHOPP - ROADWAY PRESERVATION PROJECTS (VAR170006)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	680	12.4/21.9	In and near Pleasanton and Dublin, from north of Route 84 to Alcosta Boulevard. Roadway rehabilitation. □	0481P	0J620	201.122	19/20	\$15,875	\$0	\$0	\$0	\$0	\$7,150	\$7,150	\$1,500	\$0	\$75	\$0	\$15,875
04	CC	242	0.0/1.6	In Concord, from Route 680 to 0.1 mile north of Concord Avenue. Pavement rehabilitation in northbound direction.	0269H	26980	201.121	19/20	\$15,529	\$0	\$0	\$0	\$0	\$990	\$1,210	\$110	\$1,430	\$15	\$11,774	\$15,529
04	SCL	17	2.8/13.9	In and near Los Gatos, Campbell and San Jose, from Hebard Way to Route 280. Pavement rehabilitation.	1480B	1J970	201.121	19/20	\$63,806	\$0	\$0	\$0	\$0	\$1,750	\$2,750	\$150	\$5,900	\$56	\$53,200	\$63,806
04	SM	101	16.5/23.0	In the cities of Burlingame, Millbrae, San Bruno and South San Francisco, from Broadway to Oyster Point Boulevard. Pavement rehabilitation at onramps and offramps within project limits and 1.2 miles of mainline, and upgrade curb ramps.	1487J	3J062	201.121	19/20	\$14,172	\$0	\$0	\$0	\$0	\$1,056	\$1,342	\$132	\$1,085	\$100	\$10,457	\$14,172
04	SON	12	35.1/38.9	In and near Sonoma, from Vallejo Avenue to east of Leveroni Road/Napa Road. Pavement rehabilitation.	0488K	1J360	201.121	19/20	\$9,444	\$0	\$0	\$0	\$0	\$808	\$870	\$62	\$856	\$5	\$6,843	\$9,444
<b>Time Extension Total</b>									<b>\$118,826</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,754</b>	<b>\$13,322</b>	<b>\$1,954</b>	<b>\$9,271</b>	<b>\$251</b>	<b>\$82,274</b>	<b>\$118,826</b>
04	ALA	61	19.8/21.2	In the city of Alameda, from Broadway/Encinal Avenue to Sherman Street. Pavement rehabilitation, upgrade Americans with Disabilities Act (ADA) curb ramps, and improve crosswalks.	1452J	2K710	201.121	20/21	\$2,442	\$7,441	\$0	\$0	\$0	\$1,220	\$1,200	\$22	\$1,500	\$200	\$5,741	\$9,883
04	NAP	29	29.3/36.9	In and near St. Helena and Calistoga, from York Creek Bridge to Route 128. Pavement rehabilitation.	1490D	4J300	201.121	20/21	\$2,044	\$10,767	\$0	\$0	\$0	\$900	\$1,100	\$44	\$1,100	\$20	\$9,647	\$12,811
04	ALA	185	3.2/6.5	In San Leandro, from 0.1 mile south of Bayfair Drive to Durant Avenue; also on Route 112 from Doolittle Drive to East 14th Street/Route 185 (PM R0.0/1.782). Rehabilitate pavement and upgrade curb ramps to Americans with Disabilities Act (ADA) standards.	1494C	0K490	201.121	21/22	\$3,510	\$375	\$17,373	\$0	\$0	\$1,417	\$2,093	\$375	\$2,405	\$40	\$14,928	\$21,258
04	ALA	880	0.0/11.8	In Fremont, from Santa Clara County line to north of Fremont Boulevard Overcrossing. Cold plane pavement, overlay with Rubberized Hot Mix Asphalt (RHMA-G) and Open Graded Friction Course (OGFC), upgrade Americans with Disabilities Act (ADA) curb ramps, upgrade metal beam guardrail, and replace loop detectors. □ (G13 Contingency)	1454G	2K700	201.121	21/22	\$8,620	\$0	\$185	\$0	\$0	\$3,000	\$5,000	\$620	\$0	\$185	\$0	\$8,805
04	CC	4	14.3/24.3	In and near Concord and Pittsburg, from Route 242 to Loveridge Road. Rehabilitate pavement, upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant and upgrade guardrail to make standard. □ (G13 Contingency)	1462R	2K720	201.121	21/22	\$2,720	\$7,180	\$93	\$0	\$0	\$2,720	\$6,400	\$780	\$0	\$93	\$0	\$9,993
04	CC	80	10.1/13.5	In and near Hercules, Rodeo, and Crocket, from Route 4 to the Carquinez Bridge. Roadway rehabilitation. □ (G13 Contingency)	1487E	3J070	201.122	21/22	\$7,913	\$0	\$28	\$0	\$0	\$3,083	\$4,624	\$206	\$0	\$28	\$0	\$7,941
04	MRN	1	22.8/33.0	Near Point Reyes Station and Olema, from Olema Creek Bridge to north of Cypress Road; also near Tomales, from south of Tomales-Petaluma Road to south of Valley Ford Road (PM 45.0/50.5). Pavement rehabilitation, improve drainage, and upgrade Americans with Disabilities Act (ADA) facilities. □ (G13 Contingency)	1480A	1J960	201.121	21/22	\$1,320	\$2,850	\$817	\$0	\$0	\$1,320	\$2,500	\$350	\$0	\$817	\$0	\$4,987
04	NAP	29	1.7/5.1	In American Canyon, at Rio Del Mar; also near American Canyon at 0.3 mile south of North Kelly Road (PM 5.1). Rehabilitate culverts.	1453K	4J410	201.151	21/22	\$1,086	\$1,136	\$4,336	\$0	\$0	\$1,086	\$786	\$350	\$706	\$294	\$3,336	\$6,558
04	SCL	82	19.2/26.4	In Mountain View, Los Altos, and Palo Alto, from 0.05 mile north of Route 237 to Sand Hill Road. Pavement rehabilitation. □ (G13 Contingency)	1498F	4J890	201.121	21/22	\$888	\$2,073	\$360	\$0	\$0	\$888	\$1,974	\$99	\$0	\$360	\$0	\$3,321
04	SCL	87	0.0/6.1	In San Jose, from Route 85 to West Julian Street. Roadway rehabilitation. □ (G13 Contingency)	1492C	4J910	201.122	21/22	\$2,767	\$4,475	\$304	\$0	\$0	\$2,767	\$4,425	\$50	\$0	\$304	\$0	\$7,546

**FTIP BACK-UP LIST FOR SHOPP - ROADWAY PRESERVATION PROJECTS (VAR170006)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	SM	84	21.5/25.7	In and near Woodside and Redwood City, from Route 280 to Route 101. Rehabilitate pavement, make curb ramps and sidewalks Americans with Disabilities Act (ADA) compliant, and upgrade guardrails to make standard.	1497A	0K780	201.121	21/22	\$5,239	\$0	\$21,911	\$0	\$0	\$2,340	\$2,860	\$39	\$3,120	\$566	\$18,225	\$27,150
04	SM	280	6.7/10.5	Near Redwood City, San Carlos and Belmont, from Edgewood Road to Route 92 and near Hillsborough at PM R12.7; also in Santa Clara County in and near Mountain View and Palo Alto, at various spot locations (PM 11.6, 12.8, 12.9, 18.8). Replace failing culverts and restore damaged slopes, pavement, and bridge approaches at six locations.	0732J	2A970	201.151	21/22	\$4,060	\$0	\$24,231	\$0	\$0	\$1,800	\$2,000	\$260	\$3,000	\$50	\$21,181	\$28,291
04	SOL	12	20.6/26.4	In and near Rio Vista, from Currie Road to Sacramento County line. Roadway rehabilitation. □ (G13 Contingency)	0480P	0J630	201.120	21/22	\$14,450	\$0	\$2,983	\$0	\$0	\$5,780	\$5,780	\$2,890	\$0	\$2,983	\$0	\$17,433
04	SON	12	11.0/17.4	In and near Santa Rosa, from Llano Road to Farmers Lane. Rehabilitate pavement, upgrade guardrail to make standard and upgrade curb ramps to make Americans with Disabilities Act (ADA) compliant. □ (G13 Contingency)	1493M	0K520	201.121	21/22	\$5,050	\$0	\$280	\$0	\$0	\$2,084	\$2,900	\$66	\$0	\$280	\$0	\$5,330
04	SON	1	30.8/40.6	Near Jenner, from south of Fort Ross Road to north of Moon Rock Campground at various locations. Rehabilitate drainage culverts.	1453J	1K730	201.151	21/22	\$744	\$1,798	\$5,962	\$0	\$0	\$744	\$1,369	\$429	\$1,385	\$321	\$4,256	\$8,504
04	SON	1	41.5/54.6	Near Gualala, from north of Moon Rock Campground to 0.1 mile north of Vantage Road. Rehabilitate drainage culverts.	1462M	1K750	201.151	21/22	\$1,050	\$1,857	\$6,183	\$0	\$0	\$1,050	\$1,571	\$286	\$1,040	\$382	\$4,761	\$9,090
04	ALA	580	20.7/30.8	In and near Dublin and Castro Valley, from Route 680 to Route 238. Rehabilitate pavement, construct concrete barrier, upgrade signs, guardrail, and Transportation Management System (TMS) elements, and upgrade facilities to Americans with Disabilities Act (ADA) standards. □ (Additional contributions from Proposition 1B)	0112H	0Q100	201.121	22/23	\$0	\$1,973	\$3,771	\$67,777	\$0	\$1,973	\$3,591	\$180	\$4,165	\$5	\$63,607	\$73,521
04	CC	4	0.0/14.3	In and near Hercules, Martinez, and Concord, from San Pablo Avenue to east of Peralta Road Undercrossing. Rehabilitate roadway, upgrade guardrail and signs, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2027F	2Q700	201.121	22/23	\$0	\$3,324	\$5,455	\$51,281	\$0	\$3,324	\$4,538	\$917	\$6,228	\$29	\$45,024	\$60,060
04	CC	24		In Lafayette, at the southbound offramp to Acalanes Road. Rehabilitate drainage system and repair sinkhole.	1452G	2J580	201.151	22/23	\$0	\$403	\$596	\$2,034	\$0	\$403	\$543	\$53	\$665	\$6	\$1,363	\$3,033
04	SCL	280	0.0/2.7	In San Jose, from Route 680 to Route 87. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, rehabilitate drainage systems, and upgrade guardrail and Transportation Management System (TMS) elements.	2023G	1Q460	201.121	22/23	\$0	\$1,199	\$2,327	\$21,515	\$0	\$1,199	\$2,307	\$20	\$2,152	\$41	\$19,322	\$25,041
04	SCL	101		Near Morgan Hill, at Burnett Avenue and at Cochrane Road (PM R17.89); also in San Jose, on Route 680 at Alum Rock Avenue (PM M1.74). Upgrade pump plants and increase storm water storage at the Alum Rock pump plant.	2026C	2Q570	201.151	22/23	\$0	\$713	\$2,494	\$12,415	\$0	\$713	\$2,021	\$473	\$2,830	\$10	\$9,575	\$15,622
04	SM	101	0.0/21.8	In various cities, from Santa Clara County line to north of South Airport Boulevard. Rehabilitate pavement, upgrade signs, guardrail, and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards. □ (G13 Contingency)	2024D	1Q580	201.121	22/23	\$0	\$6,030	\$16,174	\$102	\$0	\$6,030	\$16,105	\$69	\$0	\$102	\$0	\$22,306

**FTIP BACK-UP LIST FOR SHOPP - ROADWAY PRESERVATION PROJECTS (VAR170006)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	SOL	29	0.0/6.0	In Vallejo, from Route 80 to Napa County line (PM 0.0/5.955). Rehabilitate pavement and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2027C	2Q520	201.121	22/23	\$0	\$1,571	\$2,839	\$27,675	\$0	\$1,571	\$2,608	\$231	\$3,416	\$200	\$24,059	\$32,085
04	ALA	61	14.8/19.8	In the cities of San Leandro, Oakland, and Alameda, from Route 112 (Davis Street) to Encinal Avenue. Rehabilitate pavement, upgrade guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2027G	2Q720	201.121	23/24	\$0	\$1,530	\$2,121	\$0	\$19,142	\$1,530	\$2,032	\$89	\$2,597	\$200	\$16,345	\$22,793
04	ALA	84		Near Fremont, at Silver Spring Road Underpass; also on Route 580 at Fairmont Drive Overcrossing (PM 32.7) and Route 880 at Washington Avenue (PM 20.8); also in Solano County on Route 80 at Route 113 Junction (PM 42.84). Upgrade drainage pump plants.	1498A	1K510	201.151	23/24	\$0	\$1,091	\$0	\$1,942	\$6,600	\$1,091	\$1,787	\$155	\$2,028	\$89	\$4,483	\$9,633
04	MRN	131	0.0/4.4	In and near Tiburon, from Route 101 to Main Street (PM 0.0/4.392). Rehabilitate pavement, upgrade guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2023A	1Q230	201.121	23/24	\$0	\$2,193	\$0	\$3,421	\$13,669	\$2,193	\$3,317	\$104	\$2,717	\$531	\$10,421	\$19,283
04	MRN	37	11.2/14.6	In and near Novato, from Route 101 to Sonoma County line. Rehabilitate pavement, upgrade guardrail, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1452B	2K740	201.121	23/24	\$0	\$2,509	\$0	\$2,755	\$21,574	\$2,509	\$2,405	\$350	\$1,600	\$1,038	\$18,936	\$26,838
04	MRN	1	13.1/44.9	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	2029G	2Q530	201.151	23/24	\$0	\$2,250	\$0	\$2,620	\$9,690	\$2,250	\$1,950	\$670	\$2,150	\$989	\$6,551	\$14,560
04	MRN	1	13.1/45.1	Near Stinson Beach, Point Reyes, and Tomales, from north of Calle Del Arroyo to south of Tomales Petaluma Road at various locations. Rehabilitate drainage systems.	0322B	3A250	201.151	23/24	\$0	\$1,750	\$0	\$1,880	\$5,698	\$1,750	\$1,400	\$480	\$1,380	\$740	\$3,578	\$9,328
04	MRN	1		Near Marshall, at 0.1 mile south of Clark Road. Replace culvert.	1485E	2J510	201.151	23/24	\$0	\$1,250	\$0	\$1,660	\$3,883	\$1,250	\$1,360	\$300	\$1,400	\$176	\$2,307	\$6,793
04	NAP	121	4.5/10.7	In and near the city of Napa, from Route 29 to north of Vichy Avenue. Rehabilitate pavement, upgrade signs and guardrail, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2025N	1Q620	201.121	23/24	\$0	\$1,140	\$5,180	\$0	\$26,132	\$1,140	\$2,010	\$3,170	\$3,970	\$1,220	\$20,942	\$32,452
04	NAP	29	7.3/13.5	In the city of Napa, from north of Napa River Bridge to south of Sierra Avenue. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2027P	2Q610	201.121	23/24	\$0	\$2,454	\$0	\$2,513	\$25,894	\$2,454	\$2,343	\$170	\$2,488	\$107	\$23,299	\$30,861
04	SCL	152	16.8/23.3	Near Gilroy, from 1.9 miles east of Bloomfield Avenue to west of Casa De Frita Parkway at various locations. Rehabilitate drainage systems, upgrade guardrail, and pave roadside areas to prevent vegetation growth and enhance highway worker safety.	2020F	0Q050	201.151	23/24	\$0	\$977	\$899	\$0	\$5,264	\$977	\$890	\$9	\$1,020	\$31	\$4,213	\$7,140
04	SF	101	0.0/4.9	In the City and County of San Francisco, from San Mateo County line to Market Street. Rehabilitate roadway, upgrade signs, concrete barrier, and Transportation Management System (TMS) elements, rehabilitate drainage, and upgrade facilities to Americans with Disabilities Act (ADA) standards. □ (G13 Contingency)	2025D	1Q820	201.120	23/24	\$0	\$2,594	\$0	\$4,723	\$424	\$2,594	\$4,500	\$223	\$0	\$424	\$0	\$7,741

**FTIP BACK-UP LIST FOR SHOPP - ROADWAY PRESERVATION PROJECTS (VAR170006)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	SF	280	0.0/7.5	In the City and County of San Francisco, from San Mateo County line to Brannan Street. Rehabilitate pavement, upgrade concrete median barrier, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and replace Whipple Avenue Pedestrian Overcrossing No. 34-0096. □	2022B	0Q120	201.121	23/24	\$0	\$4,101	\$7,004	\$0	\$1,373	\$4,101	\$6,682	\$322	\$0	\$1,373	\$0	\$12,478
04	SM	82	12.3/15.8	In the cities of San Mateo and Burlingame, from East Santa Inez Avenue to Murchison Drive. Rehabilitate roadway, improve drainage, and upgrade existing curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	1496J	0K810	201.120	23/24	\$8,181	\$0	\$12,272	\$0	\$100,546	\$8,181	\$8,181	\$4,091	\$12,270	\$2,215	\$86,061	\$120,999
04	SM	1	27.5/34.8	In and near Half Moon Bay, from south of Wavecrest Road to south of Marine Boulevard. Rehabilitate roadway, upgrade guardrail and Transportation Management System (TMS) elements, rehabilitate drainage systems, upgrade facilities to Americans with Disabilities Act (ADA) standards, and make bicycle improvements. □ (G13 Contingency)	2022C	0Q130	201.122	23/24	\$0	\$2,640	\$0	\$4,202	\$282	\$2,640	\$4,055	\$147	\$0	\$282	\$0	\$7,124
04	SOL	80	15.0/30.7	In and near Fairfield and Vacaville, from 1.5 miles east of Suisun Valley Road/Pittman Road to 0.8 mile east of Leisure Town Road/Vaca Valley Parkway. Rehabilitate pavement, upgrade facilities to Americans with Disabilities Act (ADA) standards, and upgrade guardrail and Transportation Management System (TMS) elements.	1494F	0K640	201.121	23/24	\$0	\$1,276	\$1,485	\$0	\$29,132	\$1,276	\$1,456	\$29	\$4,064	\$25	\$25,043	\$31,893
04	SOL	12	7.9/14.1	Near Suisun City, from 0.5 mile west of Walters Road to 0.5 mile west of Lambie Road/Shiloh Road. Rehabilitate roadway and upgrade guardrail.	2027D	2Q550	201.122	23/24	\$0	\$2,136	\$0	\$3,266	\$26,981	\$2,136	\$3,198	\$68	\$3,493	\$10	\$23,478	\$32,383
04	SON	1	1.0/28.7	Near Bodega Bay, Carmet, and Jenner, from 0.7 mile south of Middle Road to 2.3 miles north of Meyers Grade Road at various locations. Rehabilitate drainage systems.	1453C	1K720	201.151	23/24	\$0	\$794	\$0	\$776	\$4,911	\$794	\$718	\$58	\$687	\$655	\$3,569	\$6,481
04	SON	1	19.3/21.8	Near Jenner, from south of Willow Creek Road to Burke Avenue. Rehabilitate drainage systems at two locations.	2022P	1Q340	201.151	23/24	\$0	\$1,663	\$2,199	\$0	\$7,396	\$1,663	\$2,118	\$81	\$1,684	\$831	\$4,881	\$11,258
04	SON	1		Near Sea Ranch, at 2.7 miles south of Skaggs Springs Road. Rehabilitate damaged culvert.	1462N	1K760	201.151	23/24	\$0	\$767	\$0	\$911	\$1,469	\$767	\$596	\$315	\$309	\$165	\$995	\$3,147
<b>2020 SHOPP - Roadway Preservation TOTAL</b>									<b>\$72,084</b>	<b>\$88,280</b>	<b>\$149,862</b>	<b>\$213,468</b>	<b>\$310,060</b>	<b>\$88,708</b>	<b>\$129,293</b>	<b>\$19,640</b>	<b>\$77,569</b>	<b>\$18,417</b>	<b>\$500,127</b>	<b>\$833,754</b>
<b>SHOPP - Roadway Preservation NEW REQUESTED TOTAL</b>									<b>\$190,910</b>	<b>\$88,280</b>	<b>\$149,862</b>	<b>\$213,468</b>	<b>\$310,060</b>	<b>\$100,462</b>	<b>\$142,615</b>	<b>\$21,594</b>	<b>\$86,840</b>	<b>\$18,668</b>	<b>\$582,401</b>	<b>\$952,580</b>



**GL: Safety Improvements – SHOPP Collision Reduction  
Program  
(TIP ID – VAR170007)**

**Last updated with the 2021 TIP Update**

**FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	80	4.5/7.6	In Berkeley and Albany, from Route 13 to east of El Cerrito Separation. Install median safety lighting and replace median concrete barrier.	1488S	3J700	201.010	19/20	\$22,837	\$0	\$0	\$0	\$0	\$2,750	\$2,750	\$100	\$2,625	\$25	\$14,587	\$22,837
04	ALA	84	0.7/3.1	In Fremont, from north end of Dumbarton Bridge to south of the Toll Plaza. Install outer separation barrier between route and frontage road.	1493F	4J750	201.010	19/20	\$26,080	\$0	\$0	\$0	\$0	\$2,000	\$2,500	\$240	\$2,500	\$3,280	\$15,560	\$26,080
04	ALA	880		In San Leandro, at the southbound Route 880/238 Connector offramp to Washington Avenue. Reconstruct and signalize offramp.	1491G	4J730	201.010	19/20	\$7,420	\$0	\$0	\$0	\$0	\$1,200	\$1,250	\$125	\$1,250	\$150	\$3,445	\$7,420
04	ALA	13		In various cities, on Routes 13, 61, and 123 at various locations; also in Contra Costa County, on Route 123, at Eureka Avenue. Crosswalk safety enhancements.	0488Q	0J470	201.015	19/20	\$8,311	\$0	\$0	\$0	\$0	\$788	\$1,393	\$200	\$800	\$840	\$4,290	\$8,311
04	NAP	121	0.5/1.0	Near Napa, at Huichica Creek (PM 0.75). Roadway widening.	0775G	4G210	201.010	19/20	\$20,469	\$0	\$0	\$0	\$0	\$1,750	\$1,530	\$90	\$3,000	\$1,852	\$12,247	\$20,469
04	SF	101	0.0/4.2	In the City and County of San Francisco, from San Mateo County line to Route 101/80 Junction. Overlay existing pavement with open graded asphalt, groove concrete pavement and upgrade drainage system.	1490F	4J390	201.010	19/20	\$28,220	\$0	\$0	\$0	\$0	\$1,500	\$1,700	\$30	\$3,000	\$20	\$21,970	\$28,220
04	SF	1		In the City and County of San Francisco, on Routes 1, 35, 80, 101 and 280 at various locations. Crosswalk safety enhancements.	1489B	3J890	201.015	19/20	\$8,164	\$0	\$0	\$0	\$0	\$440	\$914	\$91	\$914	\$5	\$5,800	\$8,164
04	SOL	12	19.2/19.4	Near Rio Vista, at the intersection of Route 12 and Route 113; also on Route 113 from PM 0.0/0.2. Environmental mitigation for safety project EA 4G560.	8060B	4G561	201.010	19/20	\$260	\$0	\$0	\$0	\$0	\$0	\$0	\$30	\$60	\$170	\$0	\$260
04	SON	121	3.4/6.5	Near Schellville, from north of Tolay Creek Bridge to south of Yellow Creek Bridge. Widen for standard shoulders, upgrade curves to standard, and install rumble strips.	0738	0G680	201.010	19/20	\$43,514	\$0	\$0	\$0	\$0	\$2,500	\$3,750	\$1,800	\$4,200	\$6,264	\$25,000	\$43,514
<b>Time Extension Total</b>									<b>\$165,275</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,928</b>	<b>\$15,787</b>	<b>\$2,706</b>	<b>\$18,349</b>	<b>\$12,606</b>	<b>\$102,899</b>	<b>\$165,275</b>
04	ALA	580	1.3/6.0	Near Livermore, from Flynn Road to Grant Line Road. Install safety lighting and establish electrical service connection.	1495F	0K680	201.010	20/21	\$1,872	\$5,205	\$0	\$0	\$0	\$962	\$806	\$104	\$962	\$32	\$4,211	\$7,077
04	ALA	580		In Alameda County, on Route 580 at various locations; also in Contra Costa County, on Routes 160 and 680 at various locations. Install concrete barrier to shield structure column from errant vehicles and upgrade existing guardrails to current standards.	1495E	0K650	201.015	20/21	\$1,466	\$4,026	\$0	\$0	\$0	\$500	\$800	\$166	\$800	\$90	\$3,136	\$5,492
04	ALA	880	30.2/33.6	In Oakland, from south of 5th Avenue to north of 7th Street. Pave narrow strips and miscellaneous areas, construct Maintenance Vehicle Pullouts (MVPs) and upgrade crash cushions to reduce maintenance work and enhance highway worker safety.	1452N	2K820	201.235	20/21	\$950	\$2,630	\$0	\$0	\$0	\$500	\$350	\$100	\$450	\$10	\$2,170	\$3,580
04	ALA	580	1.3/6.0	Near Livermore, from Flynn Road to Grant Line Road. Environmental mitigation work for EA 0K680 for lighting impacts on species habitat.	2495P	0K681	201.010	20/21	\$0	\$3,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,203	\$0	\$3,203
04	SF	101	0.5/5.2	In the City and County of San Francisco, from Bayshore Boulevard Overcrossing (OC) to South Van Ness Avenue; also on Route 280, from Monterey Boulevard onramp OC to King Street onramp (PM R2.8 to T7.2). Install vandalism-resistant security fence and gates to reduce maintenance repairs and enhance highway worker safety.	1493G	4J970	201.235	20/21	\$2,045	\$7,719	\$0	\$0	\$0	\$950	\$1,000	\$95	\$1,520	\$3	\$6,196	\$9,764
04	ALA	13	6.7/7.2	In Oakland, from 0.2 mile north of Lincoln Avenue to 0.2 mile south of Park Boulevard. Install outer separation barrier and construct rumble strips.	1490P	4J490	201.010	21/22	\$824	\$709	\$3,657	\$0	\$0	\$824	\$667	\$42	\$565	\$107	\$2,985	\$5,190
04	ALA	61	19.0/21.0	In and near the cities of Alameda, Emeryville, Berkeley, Albany, and San Leandro, on Routes 61, 123, and 185 at various locations. Install vehicle speed feedback signs and upgrade signal to standard.	1464A	4K400	201.010	21/22	\$822	\$0	\$1,955	\$0	\$0	\$303	\$300	\$219	\$400	\$83	\$1,472	\$2,777
04	ALA	Var		In Alameda County, on Routes 80, 580, and 680 at various locations. Place High Friction Surface Treatment (HFST).	2025R	2Q250	201.010	21/22	\$640	\$684	\$4,208	\$0	\$0	\$640	\$674	\$10	\$694	\$12	\$3,502	\$5,532

**FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	13		In Alameda County, on Routes 13, 24, 580, 680, and 880 at various locations; also in Contra Costa County, on Routes 4, 24, 80, 160, and 680 at various locations. Install Rectangular Rapid Flashing Beacons (RRFBs) to enhance pedestrian safety at ramp termini and uncontrolled pedestrian crossings.	1492F	0K120	201.015	21/22	\$2,406	\$229	\$9,872	\$0	\$0	\$1,261	\$1,145	\$229	\$1,345	\$290	\$8,237	\$12,507
04	ALA	580		In Alameda and Contra Costa Counties, on various routes at various locations. Upgrade advance warning signs to make standard.	1496A	0K770	201.015	21/22	\$1,410	\$0	\$3,446	\$0	\$0	\$700	\$700	\$10	\$700	\$108	\$2,638	\$4,856
04	ALA	580		In various cities, on Routes 580, 680, 880, and 980 at various locations. Enhance pedestrian safety by installing Accessible Pedestrian Signals (APS) systems and countdown timers and upgrading crosswalk markings.	1487M	3J130	201.015	21/22	\$2,010	\$0	\$7,118	\$0	\$0	\$940	\$940	\$130	\$1,030	\$20	\$6,068	\$9,128
04	ALA	Var		In Alameda County, on Routes 80 and 880 at various locations; also in Contra Costa County, on Routes 24 and 680 at various locations. Install High Friction Surface Treatment (HFST) at spot locations to enhance wet pavement conditions.	1481B	1J780	201.015	21/22	\$2,496	\$0	\$6,482	\$0	\$0	\$1,118	\$1,274	\$104	\$1,434	\$10	\$5,038	\$8,978
04	ALA	580	0.1/9.0	In and near Livermore, from San Joaquin County line to 0.7 mile west of Greenville Road. Highway worker safety improvements.	1494D	4J940	201.235	21/22	\$1,100	\$0	\$2,705	\$0	\$0	\$625	\$400	\$75	\$525	\$183	\$1,997	\$3,805
04	CC	4	1.0/9.0	In and near Martinez, from East Hercules Underpass to west of Pine Street/Center Avenue. Install safety lighting and apply High Friction Surface Treatment (HFST).	1454F	3K440	201.010	21/22	\$920	\$1,341	\$9,454	\$0	\$0	\$920	\$1,300	\$41	\$1,579	\$5	\$7,870	\$11,715
04	CC	80	0.0/13.5	In various cities, from Alameda County line to 0.6 mile west of Solano County line; also in Alameda County in Albany, from 0.4 mile west to the Contra Costa County line (PM R7.6/8.0). Install lighting and upgrade concrete barrier.	1497F	0K160	201.010	21/22	\$6,869	\$8,243	\$60,202	\$0	\$0	\$6,869	\$6,869	\$1,374	\$7,327	\$254	\$52,621	\$75,314
04	CC	4	0.0/20.4	In and near Hercules, Martinez, and Concord, at various locations from Route 80 to 0.3 mile east of Bailey Road. Upgrade guardrail to make standard.	0481U	0J480	201.015	21/22	\$2,400	\$52	\$13,910	\$0	\$0	\$1,000	\$1,400	\$52	\$1,500	\$10	\$12,400	\$16,362
04	CC	4		In Contra Costa County, on Routes 4, 24, 80, 123, 242, 580, and 680 at various locations. Install Accessible Pedestrian Signals (APS) systems and pedestrian countdown timers, and refresh crosswalk markings with high-visibility striping to enhance pedestrian safety.	1487N	3J140	201.015	21/22	\$2,296	\$0	\$9,037	\$0	\$0	\$1,108	\$1,108	\$80	\$1,400	\$150	\$7,487	\$11,333
04	CC	4	31.0/48.2	In and near Antioch and Brentwood, from 0.6 mile east of Route 160 to Old River Bridge. Construct and modify Maintenance Vehicle Pullouts (MVPs) to improve highway worker safety.	1492H	4J950	201.235	21/22	\$928	\$663	\$1,876	\$0	\$0	\$928	\$663	\$40	\$530	\$72	\$1,234	\$3,467
04	NAP	121	0.5/1.0	Near Napa, at Huichica Creek (PM 0.75). Mitigation planting, monitoring and reporting for EA 4G210.	1775H	4G21A	201.010	21/22	\$0	\$0	\$1,900	\$0	\$0	\$0	\$0	\$0	\$900	\$0	\$1,000	\$1,900
04	SCL	35	14.1/17.1	Near Saratoga, from Route 9 Junction to San Mateo County line; also in San Mateo County near Woodside from the Santa Clara County line to Route 84 (PM 2.121/10.518). Install centerline rumble strips, curve signs, pavement markings with audible traffic stripe systems, optical speed bars, and high visibility striping.	1462H	0P48U	201.010	21/22	\$1,115	\$41	\$5,227	\$0	\$0	\$290	\$825	\$41	\$851	\$20	\$4,356	\$6,383
04	SCL	9		In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Relocate or shield existing electrical controller cabinets and install twenty-eight new Maintenance Vehicle Pullouts (MVPs).	1486A	2J950	201.015	21/22	\$1,300	\$1,445	\$8,574	\$0	\$0	\$1,300	\$1,400	\$45	\$1,600	\$50	\$6,924	\$11,319
04	SCL	Var		On various routes, in various cities at various locations. Replace pedestrian push-buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers and refresh crosswalk markings to enhance pedestrian safety.	1492E	0K080	201.015	21/22	\$939	\$1,141	\$10,474	\$0	\$0	\$939	\$1,141	\$36	\$1,304	\$23	\$9,111	\$12,554

**FTIP BACK-UP LIST FOR SHOPP - COLLISION REDUCTION PROJECTS (VAR170007)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	SCL	152	11.2/35.2	Near Gilroy, from Llagas Creek Bridge to the Merced County line. Construct Maintenance Vehicle Pullouts (MVPs) and vegetation control under existing guardrail to improve highway worker safety.	1452E	2K800	201.235	21/22	\$1,845	\$0	\$7,300	\$0	\$0	\$800	\$1,000	\$45	\$700	\$10	\$6,590	\$9,145
04	SCL	280	0.0/5.4	In and near San Jose, from Route 101 to Route 17/880 Separation. Pave extended gore areas and narrow strips to improve highway worker safety.	1492D	4J960	201.235	21/22	\$1,550	\$0	\$4,570	\$0	\$0	\$780	\$770	\$62	\$503	\$170	\$3,835	\$6,120
04	SF	35		In the City and County of San Francisco, at Great Highway intersection. Install new signal.	1459E	3K420	201.010	21/22	\$1,550	\$1,470	\$2,950	\$0	\$0	\$1,550	\$1,291	\$179	\$1,341	\$62	\$1,547	\$5,970
04	SM	Var		In and near various cities, on Routes 1, 35, 82, 84, 92, 101, 109, 114, 280, and 380 at various locations. Enhance pedestrian safety by upgrading signals with Accessible Pedestrian Signals (APS) audible indicators, pushbuttons, and countdown timers, and upgrading crosswalk markings.	1491J	0K070	201.015	21/22	\$2,675	\$0	\$7,139	\$0	\$0	\$1,250	\$1,250	\$175	\$1,250	\$57	\$5,832	\$9,814
04	SOL	80	17.2/19.2	In Fairfield, from West Texas Street to Airbase Parkway at various locations; also in Vallejo on Route 29 at Route 29/37 Separation (PM 4.9). Upgrade fencing and gates.	1452K	2K810	201.235	21/22	\$1,200	\$0	\$3,702	\$0	\$0	\$550	\$550	\$100	\$550	\$10	\$3,142	\$4,902
04	SON	116		Near Petaluma, at the intersection with Lakeville Highway. Intersection improvements.	2028S	2Q770	201.010	23/24	\$1,877	\$0	\$2,500	\$0	\$7,853	\$1,877	\$2,065	\$435	\$1,954	\$755	\$5,144	\$12,230
04	SON	12		In Sonoma County, on Routes 12 and 116 at various locations; also in Marin County, on Routes 1 and 131 at various locations; and in Napa County on Routes 29 and 121 at various locations. Install hybrid beacons, stop and yield lines, crosswalks and bulb-outs, and upgrade curb ramps to enhance pedestrian safety.	1492G	0K130	201.015	21/22	\$1,750	\$0	\$2,933	\$0	\$0	\$800	\$880	\$70	\$740	\$36	\$2,157	\$4,683
04	ALA	61	16.4/18.1	In the cities of Oakland and Alameda, from Swan Road to Harbor Bay Parkway. Install new and upgrade existing guardrail in the northbound direction.	2804F	2Q140	201.010	22/23	\$991	\$0	\$1,031	\$2,158	\$0	\$991	\$904	\$127	\$751	\$126	\$1,281	\$4,180
04	ALA	880	27.1/27.3	In Oakland, from 0.1 mile south to 0.1 mile north of East Creek Slough Bridge No. 33-0143. Construct outer separation concrete barrier in southbound direction, replace bridge rail, and install a drainage system.	1491C	4J540	201.010	22/23	\$956	\$0	\$1,368	\$5,677	\$0	\$956	\$1,266	\$102	\$1,041	\$601	\$4,035	\$8,001
04	SM	35	26.2/27.9	In Pacifica and South San Francisco, at the intersections of Route 35 and Sharp Park Road, and Route 35 and Hickey Road. Upgrade and reposition traffic signals, and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2031E	0Q040	201.010	22/23	\$582	\$312	\$780	\$4,177	\$0	\$582	\$780	\$312	\$1,060	\$423	\$2,694	\$5,851
04	SCL	101	0.1/49.6	In Santa Clara County, on Routes 9, 17, 85, 87, 101, 152, 237, 280, 680, and 880 at various locations. Upgrade guardrail transition railing.	1495A	0K110	201.015	23/24	\$0	\$1,127	\$1,644	\$0	\$12,055	\$1,127	\$1,574	\$70	\$1,702	\$10	\$10,343	\$14,826
04	SM	1	36.5/38.3	Near Montara, from 0.1 mile south of 2nd Street to 0.3 mile south of Tom Lantos Tunnel. Install new standard safety barrier.	2021A	0Q610	201.010	23/24	\$2,148	\$0	\$2,731	\$0	\$8,744	\$2,148	\$2,672	\$59	\$1,637	\$158	\$6,949	\$13,623
04	SM	92		In San Mateo County, on Routes 92, 101, 280, and 380 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems, upgrading crosswalk markings and ramp metering systems, and upgrading facilities to Americans with Disabilities Act (ADA) standards.	2022N	1Q200	201.015	23/24	\$0	\$1,919	\$2,116	\$0	\$16,299	\$1,919	\$2,054	\$62	\$2,492	\$126	\$13,681	\$20,334
04	SOL	Var		In Solano County, on Routes 29, 37, 80, and 780 at various locations. Enhance pedestrian and bicyclist safety by installing flashing beacon systems and upgrading crosswalk markings.	1464J	0P760	201.015	23/24	\$0	\$604	\$905	\$0	\$7,067	\$604	\$840	\$65	\$1,006	\$98	\$5,963	\$8,576
04	SOL	Var		In Solano County, on Routes 12, 29, 37, 80, 113, 505, and 780 at various locations. Enhance pedestrian safety by installing Accessible Pedestrian Signal (APS) systems and countdown timers and upgrading crosswalk markings.	1493H	0K100	201.015	23/24	\$0	\$390	\$0	\$577	\$4,233	\$390	\$555	\$22	\$950	\$20	\$3,263	\$5,200
04	SON	12		In Santa Rosa, at intersection with Boas Drive. Install traffic signal.	2026M	2Q780	201.010	23/24	\$1,097	\$0	\$1,494	\$0	\$3,553	\$1,097	\$1,303	\$191	\$1,089	\$365	\$2,099	\$6,144
<b>2020 SHOPP - Collision Reduction TOTAL</b>									<b>\$53,029</b>	<b>\$43,153</b>	<b>\$203,260</b>	<b>\$12,589</b>	<b>\$59,804</b>	<b>\$40,098</b>	<b>\$43,516</b>	<b>\$5,069</b>	<b>\$46,182</b>	<b>\$7,762</b>	<b>\$229,208</b>	<b>\$371,835</b>
<b>SHOPP - Collision Reduction NEW REQUESTED TOTAL</b>									<b>\$218,304</b>	<b>\$43,153</b>	<b>\$203,260</b>	<b>\$12,589</b>	<b>\$59,804</b>	<b>\$53,026</b>	<b>\$59,303</b>	<b>\$7,775</b>	<b>\$64,531</b>	<b>\$20,368</b>	<b>\$332,107</b>	<b>\$537,110</b>

**GL: Emergency Relief –  
SHOPP Emergency Response Program  
(TIP ID – VAR170008)**

**Last updated with 2021 TIP Update**

**FTIP BACK-UP LIST FOR SHOPP - EMERGENCY RESPONSE PROJECTS (VAR170008)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	MRN	101		Near Sausalito, at 0.1 mile south of Alexander Avenue. Restore damaged drainage systems.	1492J	4J420	201.131	19/20	\$3,559	\$0	\$0	\$0	\$0	\$837	\$850	\$100	\$850	\$13	\$909	\$3,559
04	SM	280	20.3/20.6	In San Bruno, from Jenevein Avenue to 0.1 mile south of San Bruno Avenue. Reconstruct failed concrete ditch and place Rock Slope Protection (RSP) at slope washouts as storm damage permanent restoration.	1499H	4J080	201.131	19/20	\$2,769	\$0	\$0	\$0	\$0	\$390	\$650	\$78	\$390	\$168	\$1,093	\$2,769
<b>Time Extension Total</b>									<b>\$6,328</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,227</b>	<b>\$1,500</b>	<b>\$178</b>	<b>\$1,240</b>	<b>\$181</b>	<b>\$2,002</b>	<b>\$6,328</b>
04	MRN	1	10.7/11.0	Near Stinson Beach, from 1.5 miles south to 1.2 miles south of Panoramic Highway North. Four-year mitigation plant establishment and monitoring for emergency projects EA 4K240 and EA 4S220.	2032Q	0AA48	201.131	20/21	\$311	\$1,499	\$0	\$0	\$0	\$0	\$227	\$84	\$336	\$31	\$1,132	\$1,810
04	MRN	1		Near Five Brooks, at Giacomini Creek Bridge No. 27-0122. Four-year mitigation plant establishment for emergency project EA 4K850.	2032E	0AA44	201.131	20/21	\$453	\$1,513	\$0	\$0	\$0	\$0	\$400	\$53	\$650	\$15	\$848	\$1,966
04	SCL	101		Near Gilroy, at Sargent Bridge and Overhead No. 39-0006L. Permanent restoration of roadway settlement and southern abutment wingwall movement.	1453B	4J030	201.131	20/21	\$1,482	\$3,090	\$0	\$0	\$0	\$650	\$780	\$52	\$900	\$87	\$2,103	\$4,572
04	SM	82		In South San Francisco, at 0.1 mile north of Francisco Drive. Permanent embankment restoration by installing retaining wall and drainage improvements.	1450J	0K670	201.131	20/21	\$1,270	\$3,806	\$0	\$0	\$0	\$500	\$710	\$60	\$800	\$27	\$2,979	\$5,076
04	SON	1	15.1/15.7	Near Carmet, from 0.1 mile to 0.7 mile north of Calle Del Sol. Realign roadway near Gleason Beach.	0748E	0A020	201.131	20/21	\$17,698	\$40,824	\$0	\$0	\$0	\$0	\$1,800	\$500	\$5,000	\$15,398	\$35,824	\$58,522
04	SON	1	26.7/27.0	Near Jenner, from 0.3 to 0.4 mile north of Myers Grade Road. Permanent restoration of roadway slipouts.	0482T	0J300	201.131	20/21	\$4,810	\$26,082	\$0	\$0	\$0	\$2,106	\$2,496	\$208	\$3,600	\$243	\$22,239	\$30,892
04	SON	101		Near Petaluma, north of Pepper Road. Environmental mitigation for project EA 0J100.	0481G	0J101	201.131	20/21	\$0	\$140	\$0	\$0	\$0	\$0	\$0	\$0	\$140	\$0	\$0	\$140
04	ALA	580		Near Livermore, at 0.3 mile west of Stonecut Underpass (PM R4.3L). Restore eroded embankment slope in the eastbound direction and install erosion control measures.	1461D	0P120	201.131	21/22	\$752	\$0	\$5,400	\$0	\$0	\$752	\$949	\$60	\$1,201	\$50	\$3,140	\$6,152
04	ALA	680		In Fremont, at the northbound offramp to Mission Boulevard. Stabilize storm damaged embankment.	2028M	0Q680	201.131	21/22	\$750	\$945	\$3,946	\$0	\$0	\$750	\$885	\$60	\$1,033	\$5	\$2,908	\$5,641
04	ALA	92		In Hayward, at the westbound connector from northbound Route 880. Restore eroded embankment and extend existing concrete barrier.	2028K	0Q450	201.131	21/22	\$285	\$363	\$862	\$0	\$0	\$285	\$347	\$16	\$191	\$10	\$661	\$1,510
04	NAP	29	11.6/13.0	In Napa, from First Street to 0.1 mile south of Redwood Road/Trancas Street. Repair culvert.	2022G	0Q820	201.131	21/22	\$1,437	\$0	\$16,619	\$0	\$0	\$1,437	\$1,792	\$152	\$1,228	\$44	\$13,403	\$18,056
04	NAP	12	2.1/2.6	Near the city of Napa, from 1.2 miles to 0.7 mile west of the Solano County line. Repair storm damaged slopes at two locations with Rock Slope Protection (RSP) and restore ditches.	2021F	0Q690	201.131	21/22	\$308	\$470	\$1,779	\$0	\$0	\$308	\$320	\$150	\$400	\$134	\$1,245	\$2,557
04	SCL	9		In Saratoga, north of Pierce Road (PM 5.97). Install Rock Slope Protection (RSP) and replace culvert.	1464D	2K280	201.131	21/22	\$484	\$0	\$1,589	\$0	\$0	\$130	\$318	\$36	\$315	\$10	\$1,264	\$2,073
04	SM	1		Near Half Moon Bay, at 1.1 miles north of Santa Cruz County line. Repair slope washout by constructing a soldier pile wall and upgrading the drainage system.	1450H	0K570	201.131	21/22	\$770	\$0	\$1,492	\$0	\$0	\$300	\$400	\$70	\$500	\$2	\$990	\$2,262
04	SM	84		Near La Honda, at 1.2 miles north of Madera Lane (north). Repair slope washout and place Rock Slope Protection (RSP) on existing embankment to prevent further erosion.	1455B	2K610	201.131	21/22	\$936	\$400	\$1,292	\$0	\$0	\$936	\$390	\$10	\$250	\$147	\$895	\$2,628
04	SON	101		Near Cloverdale, at 0.4 mile south of the Mendocino County line. Restore slope, rebuild damaged gutter and install erosion control measures.	1462P	2K350	201.131	21/22	\$840	\$541	\$3,304	\$0	\$0	\$840	\$413	\$128	\$459	\$225	\$2,620	\$4,685
04	CC	680	19.2/19.9	In Concord and Pleasant Hill, at Willow Pass Road Undercrossing No. 28-0178 and Concord Avenue Undercrossing No. 28-0190. Stabilize storm damaged abutment slopes by paving with concrete.	2028N	0Q780	201.131	22/23	\$608	\$0	\$818	\$2,950	\$0	\$608	\$752	\$66	\$807	\$24	\$2,119	\$4,376
04	SM	1		Near Montara, at south of 9th Street. Repair damaged storm drain and restore eroded embankment.	2028H	0Q670	201.131	22/23	\$418	\$0	\$415	\$1,808	\$0	\$418	\$388	\$27	\$373	\$35	\$1,400	\$2,641

**FTIP BACK-UP LIST FOR SHOPP - EMERGENCY RESPONSE PROJECTS (VAR170008)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	SM	84		Near La Honda, west of Peek-A-Boo Lane. Construct soldier pile wall, reconstruct damaged pavement, and upgrade guardrail.	1455C	2K640	201.131	22/23	\$1,056	\$675	\$0	\$4,057	\$0	\$1,056	\$635	\$40	\$484	\$371	\$3,202	\$5,788
04	SM	84		Near La Honda, at 0.5 mile west of Pescadero Creek Road. Repair slope washout by constructing a retaining wall.	2032A	0Q480	201.131	22/23	\$924	\$0	\$809	\$4,762	\$0	\$924	\$809	\$33	\$522	\$146	\$4,061	\$6,495
04	SOL	505		Near Vacaville, at southbound offramp to Allendale Road. Restore slope washout between offramp and adjacent frontage road by placing rock slope protection.	2021G	0Q710	201.131	22/23	\$317	\$0	\$427	\$1,276	\$0	\$317	\$402	\$25	\$385	\$50	\$841	\$2,020
04	SON	116		Near Monte Rio, at 0.2 mile west of Cnopius Road. Repair unstable slope by constructing a retaining wall. (G13 Contingency)	1464F	2K360	201.131	22/23	\$1,775	\$0	\$2,087	\$7,805	\$0	\$1,775	\$1,883	\$204	\$1,441	\$384	\$5,980	\$11,667
04	SON	121	9.7/10.3	Near Schellville, from 0.2 mile to 0.8 mile north of Ramal Road. Restore structural integrity of the existing roadway by injecting polyurethane to densify the soil below and minimizing future settlement, grind and replace asphalt concrete, and rehabilitate drainage systems.	2021D	4K140	201.131	22/23	\$528	\$972	\$0	\$4,719	\$0	\$528	\$941	\$31	\$668	\$11	\$4,040	\$6,219
04	NAP	29		Near Calistoga, at 2.5 miles south of Lake County line. Stabilize storm damaged embankment.	2022H	0Q830	201.131	23/24	\$0	\$736	\$1,003	\$0	\$2,323	\$736	\$885	\$118	\$878	\$165	\$1,280	\$4,062
<b>2020 SHOPP - Emergency Response TOTAL</b>									<b>\$38,212</b>	<b>\$82,056</b>	<b>\$41,842</b>	<b>\$27,377</b>	<b>\$2,323</b>	<b>\$15,356</b>	<b>\$18,922</b>	<b>\$2,183</b>	<b>\$22,561</b>	<b>\$17,614</b>	<b>\$115,174</b>	<b>\$191,810</b>
<b>SHOPP - Emergency Response NEW REQUESTED TOTAL</b>									<b>\$44,540</b>	<b>\$82,056</b>	<b>\$41,842</b>	<b>\$27,377</b>	<b>\$2,323</b>	<b>\$16,583</b>	<b>\$20,422</b>	<b>\$2,361</b>	<b>\$23,801</b>	<b>\$17,795</b>	<b>\$117,176</b>	<b>\$198,138</b>

**GL: Safety Improvements – SHOPP Mandates Program  
(TIP ID – VAR170009)**

**Last updated with 2021 TIP Update**



**FTIP BACK-UP LIST FOR SHOPP - MANDATES PROJECTS (VAR170009)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	13	10.8/12.1	In Berkeley, from Claremont Avenue to west of Shattuck Avenue. Upgrade curb ramps and repair sidewalks to meet American with Disabilities Act (ADA)	0124M	2G460	201.378	19/20	\$7,080	\$0	\$0	\$0	\$0	\$619	\$543	\$75	\$985	\$580	\$4,278	\$7,080
04	MRN	131		In and near Tiburon, at Blackfield Drive/Greenwood Cove Drive. Intersection improvements to make compliant with the Americans with Disabilities Act (ADA) including removal of traffic islands, upgrading curb ramps and sidewalk, installing new traffic signals, and installing Accessible Pedestrian Signals (APS) pushbuttons and countdown timers.	1491A	4J450	201.361	19/20	\$4,073	\$0	\$0	\$0	\$0	\$400	\$409	\$220	\$700	\$200	\$2,144	\$4,073
04	SF	1		In the city of San Francisco, at Presidio National Park. Water quality improvements.	1067C	1A905	201.335	19/20	\$4,335	\$0	\$0	\$0	\$0	\$1,020	\$315	\$50	\$900	\$1,050	\$1,000	\$4,335
<b>Time Extension Total</b>									<b>\$15,488</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,039</b>	<b>\$1,267</b>	<b>\$345</b>	<b>\$2,585</b>	<b>\$1,830</b>	<b>\$7,422</b>	<b>\$15,488</b>
04	ALA	880	0.9/24.8	In Oakland, Union City, and Fremont, and on Route 80 in Berkeley (PM 4.7) at various locations; also in Santa Clara County, in Milpitas at PM 8.9. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units (CUs) for trash capture.	1453D	4J980	201.335	20/21	\$1,860	\$6,852	\$0	\$0	\$0	\$1,060	\$800	\$26	\$1,000	\$25	\$5,801	\$8,712
04	NAP	29	0.2/14.6	In and near the cities of American Canyon and Napa, from Kimberly Drive to Salvador Avenue. Upgrade curb ramps and pedestrian push buttons, and install new sidewalk to make facilities compliant with Americans with Disabilities Act (ADA) requirements.	1496E	0K000	201.361	20/21	\$723	\$1,192	\$0	\$0	\$0	\$275	\$276	\$92	\$203	\$80	\$989	\$1,915
04	ALA	185	9.8/10.1	In Oakland, from 55th Avenue to 50th Avenue (PM 9.75 to 10.09). Upgrade curb ramps, driveways, and sidewalks to make compliant with Americans with Disabilities Act (ADA) standards.	0434J	2G740	201.361	21/22	\$1,745	\$0	\$3,902	\$0	\$0	\$700	\$950	\$95	\$670	\$75	\$3,157	\$5,647
04	ALA	13	10.7/13.0	In Berkeley, from Domingo Avenue to Mabel Street. Upgrade curb ramps and repair sidewalks to meet Americans with Disabilities Act (ADA) standards.	0124N	2G461	201.378	21/22	\$0	\$0	\$6,095	\$0	\$0	\$0	\$0	\$0	\$985	\$410	\$4,700	\$6,095
04	MRN	101		In San Rafael, at Manuel T Freitas Parkway. Upgrade curb ramps, sidewalk, and other facilities to make compliant with Americans with Disabilities Act (ADA) standards.	1495K	0K800	201.361	21/22	\$1,270	\$0	\$3,214	\$0	\$0	\$300	\$850	\$120	\$850	\$125	\$2,239	\$4,484
04	NAP	29		Near Calistoga, at 0.3 mile south of Bothe-Napa Valley State Park entrance at Ritchie Creek Bridge No. 21-0057. Replace bridge and provide financial contributions to improve fish passage barriers at the site for compliance unit credits towards statewide National Pollutant Discharge Elimination System (NPDES) permit mandate goals.	1464K	4J990	201.335	21/22	\$1,820	\$1,467	\$6,989	\$0	\$0	\$1,820	\$1,300	\$167	\$1,300	\$590	\$5,099	\$10,276
04	SCL	82	18.2/26.4	In Sunnyvale, Mountain View, Los Altos, and Palo Alto, from Knickerbocker Drive to San Mateo County line. Upgrade pedestrian facilities to make compliant with the Americans with Disabilities Act (ADA) standards. Replace pedestrian push buttons and signal heads with Accessible Pedestrian Signals (APS) and countdown timers, and refresh crosswalk markings to enhance pedestrian safety.	1495G	0K010	201.361	21/22	\$1,300	\$2,406	\$11,120	\$0	\$0	\$1,300	\$1,700	\$706	\$1,713	\$1,614	\$7,793	\$14,826
04	SON	116	11.8/12.2	Near Guerneville, from Brookside Lane to River Road. Upgrade curb ramps and sidewalk, and install Accessible Pedestrian Signals (APS) pushbuttons to make facilities compliant with the Americans with Disabilities Act (ADA) standards.	1491B	4J460	201.361	21/22	\$1,455	\$0	\$4,423	\$0	\$0	\$300	\$930	\$225	\$930	\$68	\$3,425	\$5,878

**FTIP BACK-UP LIST FOR SHOPP - MANDATES PROJECTS (VAR170009)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	880		In Hayward, on Routes 92 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL). Financial Contribution Only (FCO) to the City of Hayward.	2020R	OQ170	201.335	22/23	\$0	\$0	\$0	\$1,841	\$0	\$0	\$0	\$0	\$0	\$0	\$1,841	\$1,841
04	ALA	880		In Alameda and Santa Clara Counties, on Routes 80 and 880 at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2020H	OQ180	201.335	22/23	\$0	\$880	\$1,444	\$6,309	\$0	\$880	\$1,389	\$55	\$1,223	\$245	\$4,841	\$8,633
04	ALA	123	1.9/5.2	In Berkeley and Albany, from Route 13 to Contra Costa County line (PM 1.9/5.177). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	0434K	2G780	201.361	22/23	\$0	\$250	\$461	\$2,388	\$0	\$250	\$306	\$155	\$477	\$339	\$1,572	\$3,099
04	ALA	680		In Fremont, at the southbound offramp to Scott Creek Road; also on Route 238 (PM 0.737/0.832). Upgrade facilities to Americans with Disabilities Act (ADA) standards.	2028G	2Q760	201.361	22/23	\$0	\$620	\$1,227	\$3,504	\$0	\$620	\$972	\$255	\$788	\$255	\$2,461	\$5,351
04	CC	80	0.0/11.0	In and near Richmond, San Pablo, Pinole, and Hercules, from Alameda County line to east of Willow Avenue at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2020E	OQ210	201.335	22/23	\$0	\$1,169	\$1,892	\$10,303	\$0	\$1,169	\$1,810	\$82	\$2,380	\$173	\$7,750	\$13,364
04	SM	1	44.0/48.0	In Pacifica and Daly City, from San Jose Avenue Pedestrian Overcrossing to Route 280 at various locations; also on Route 280, from Route 1 to John Daly Boulevard Overcrossing (PM R25.3/M27.1R). Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2021C	OQ440	201.335	22/23	\$0	\$1,101	\$1,541	\$4,933	\$0	\$1,101	\$1,493	\$48	\$1,505	\$65	\$3,363	\$7,575
04	SOL	80	11.3/38.0	In and near Fairfield, Vacaville, and Dixon, from Red Top Road to Route 113 at various locations; also on Route 680 near Benicia and Fairfield, from Contra Costa County line to Route 80 (PM R0.0R/13.0) at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture.	2026G	OQ190	201.335	22/23	\$0	\$1,009	\$1,555	\$7,436	\$0	\$1,009	\$1,534	\$21	\$2,387	\$69	\$4,980	\$10,000
04	SOL	Var		In Solano County, on various routes at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture. Financial Contribution Only (FCO) to the Vallejo Flood and Wastewater District.	2030D	2Q660	201.335	22/23	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000
04	CC	4	0.0/25.0	In and near Hercules, Martinez, Concord, and Pittsburg, from San Pablo Avenue to Century Boulevard Undercrossing at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture.	2020D	OQ200	201.335	23/24	\$0	\$1,057	\$1,807	\$0	\$7,104	\$1,057	\$1,796	\$11	\$2,290	\$184	\$4,630	\$9,968

**FTIP BACK-UP LIST FOR SHOPP - MANDATES PROJECTS (VAR170009)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	CC	680	0.0/24.0	In and near various cities, from Alameda County line to south of Waterfront Road/Marina Vista Avenue at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL).	2026E	2Q650	201.335	23/24	\$0	\$1,565	\$2,248	\$0	\$17,943	\$1,565	\$2,213	\$35	\$3,978	\$66	\$13,899	\$21,756
04	SM	82	12.9/15.9	In Burlingame, Hillsborough, and Millbrae, from Barroilhet Avenue to Millbrae Avenue. Upgrade curb ramps and sidewalks to Americans with Disabilities Act (ADA) standards.	0730D	1G900	201.378	23/24	\$3,320	\$1,900	\$0	\$0	\$10,964	\$3,320	\$1,200	\$700	\$1,000	\$844	\$9,120	\$16,184
04	SOL	80	1.8/5.7	In and near Vallejo, from west of Route 780 to Route 37 at various locations. Construct permanent Best Management Practices (BMPs) to achieve statewide National Pollutant Discharge Elimination System (NPDES) permit compliance units for trash capture and Total Maximum Daily Load (TMDL). □ (Long Lead Project)	2031H	2Q640	201.335	24/25	\$0	\$1,080	\$0	\$0	\$0	\$1,080	\$0	\$0	\$0	\$0	\$0	\$1,080
<b>2020 SHOPP - Mandates TOTAL</b>									<b>\$13,493</b>	<b>\$22,548</b>	<b>\$47,918</b>	<b>\$41,714</b>	<b>\$36,011</b>	<b>\$17,806</b>	<b>\$19,519</b>	<b>\$2,793</b>	<b>\$23,679</b>	<b>\$5,227</b>	<b>\$92,660</b>	<b>\$161,684</b>
<b>SHOPP - Mandates NEW REQUESTED TOTAL</b>									<b>\$28,981</b>	<b>\$22,548</b>	<b>\$47,918</b>	<b>\$41,714</b>	<b>\$36,011</b>	<b>\$19,845</b>	<b>\$20,786</b>	<b>\$3,138</b>	<b>\$26,264</b>	<b>\$7,057</b>	<b>\$100,082</b>	<b>\$177,172</b>

**GL: Bridge Rehabilitation and Reconstruction – SHOPP  
Program  
(TIP ID – VAR170010)**

**Last updated with the 2021 TIP Update**

**FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	580		Near Livermore, near Greenville Road at Greenville Overhead Bridge No. 33-0121R. Rehabilitate westbound structure.	0480J	0J520	201.110	19/20	\$8,739	\$0	\$0	\$0	\$0	\$600	\$900	\$120	\$1,000	\$140	\$5,979	\$8,739
04	ALA	880	11.3/12.3	In Fremont, from 0.5 mile south to 0.5 mile north of Patterson Slough Bridge No. 33-0250 (PM 11.8). Bridge rehabilitation.	0480A	0J530	201.110	19/20	\$19,515	\$0	\$0	\$0	\$0	\$2,200	\$1,980	\$704	\$2,420	\$427	\$11,784	\$19,515
04	CC	580		In Richmond, at Stege Drain Bridge No. 28-0091. Bridge replacement.	1482Q	2J720	201.110	19/20	\$14,865	\$0	\$0	\$0	\$0	\$700	\$876	\$117	\$2,367	\$5	\$10,800	\$14,865
04	CC	580	5.6/6.2	In Richmond, at Scofield Avenue Undercrossing No. 28-140L/R. Seismic retrofit.	0086R	4G891	201.113	19/20	\$22,678	\$0	\$0	\$0	\$0	\$0	\$1,982	\$47	\$4,437	\$872	\$15,340	\$22,678
04	NAP	121		Near Napa, at Capell Creek Bridge No. 21-0064. Bridge rehabilitation.	1489K	4J210	201.110	19/20	\$4,725	\$0	\$0	\$0	\$0	\$490	\$735	\$100	\$735	\$225	\$2,440	\$4,725
04	SCL	101		In various cities, on Routes 101 and 237 at various locations. Bridge rail upgrade at eight locations.	0481H	0J560	201.112	19/20	\$20,120	\$0	\$0	\$0	\$0	\$1,800	\$2,250	\$30	\$2,700	\$70	\$13,270	\$20,120
04	SCL	Var		In various cities, on various routes at Saratoga Creek Bridge, Carnadero Creek Bridge, San Francisco Creek Bridge, San Tomas Aquino Creek Bridge, and Bodfish Creek Bridge. Bridge preventative maintenance.	1482R	2J780	201.119	19/20	\$5,739	\$0	\$0	\$0	\$0	\$900	\$750	\$44	\$790	\$10	\$3,245	\$5,739
04	SF	80	3.8/5.0	In the City and County of San Francisco, on Route 80, at the Bayshore Viaduct No. 34-0088 from Route 101 to 4th Street. Paint superstructure steel members. □ (G13 Contingency)	1483S	2J802	201.110	19/20	\$12,076	\$0	\$0	\$0	\$0	\$2,500	\$9,200	\$300	\$0	\$76	\$0	\$12,076
04	SF	101	4.1/5.1	In the City and County of San Francisco, at the Central Viaduct No. 34-0077 from south of 17th Street to S. Van Ness Avenue. Paint superstructure steel members. □ (G13 Contingency)	1483T	2J801	201.110	19/20	\$153	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$153	\$0	\$153
04	SOL	84	12.0/12.4	Near Rio Vista, at Miner Slough Bridge No. 23-0035. Replace bridge.	0886	0G660	201.110	19/20	\$38,482	\$0	\$0	\$0	\$0	\$3,000	\$3,500	\$1,098	\$3,500	\$2,884	\$24,500	\$38,482
04	SOL	80		Near Fairfield, at Suisun Creek Bridge No. 23-0007. Scour mitigation.	0487R	4G872	201.111	19/20	\$3,185	\$0	\$0	\$0	\$0	\$1,200	\$600	\$20	\$600	\$5	\$760	\$3,185
04	SOL	80		In Vallejo, at Route 80/29 Separation Bridge No. 23-0087. Replace bridge. □ ACCELERATED BRIDGE	1452F	2K840	201.322	19/20	\$19,618	\$0	\$0	\$0	\$0	\$2,057	\$2,624	\$22	\$2,600	\$15	\$12,300	\$19,618
04	SON	12	25.8/33.3	In and near Sonoma, at Sonoma Creek Bridge No. 20-0027 and Hooker Creek Bridge No. 20-0030. Scour mitigation.	0269M	4H050	201.111	19/20	\$25,289	\$0	\$0	\$0	\$0	\$1,519	\$2,650	\$500	\$3,000	\$4,420	\$13,200	\$25,289
<b>Time Extension Total</b>									<b>\$195,184</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,966</b>	<b>\$28,047</b>	<b>\$3,102</b>	<b>\$24,149</b>	<b>\$9,302</b>	<b>\$113,618</b>	<b>\$195,184</b>
04	NAP	128		Near Rutherford, at Conn Creek Bridge No. 21-0021. Plant establishment mitigation for bridge replacement project EA 1G430.	0587K	1G43A	201.111	20/21	\$50	\$450	\$0	\$0	\$0	\$0	\$30	\$20	\$200	\$30	\$220	\$500
04	NAP	29	38.9/42.9	Near Calistoga, at Garnett Creek Bridge No. 21-0005 (PM 39.08), Garnet Creek Branch Bridge No. 21-0111 (PM 38.96), and No Name Creek Bridge No. 21-0100 (PM 42.83). Bridge preventative maintenance and scour mitigation.	1483E	2J88U	201.119	20/21	\$3,696	\$9,382	\$0	\$0	\$0	\$1,320	\$1,810	\$566	\$1,950	\$2,166	\$5,266	\$13,078
04	SF	101	2.0/2.9	In the City and County of San Francisco, at Alemany Circle Undercrossing (UC) No. 34-0064K, Alemany Circle UC No. 34-0063S and Bayshore Boulevard UC No. 34-0047S; also in San Mateo County in Pacifica, at Paloma Avenue Overcrossing No. 35-0187 (PM R44.21). Upgrade bridge rails.	1450E	2K190	201.112	20/21	\$2,572	\$10,066	\$0	\$0	\$0	\$657	\$1,751	\$164	\$1,805	\$20	\$8,241	\$12,638
04	SOL	80		In and near Dixon and Vacaville, at McCune Creek Bridge No. 23-0084L/R; also on Route 505 at Horse Creek Bridge No. 23-0077L. Bridge preventative maintenance.	0480N	0J600	201.119	20/21	\$1,936	\$6,805	\$0	\$0	\$0	\$990	\$880	\$66	\$1,773	\$715	\$4,317	\$8,741

**FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	880	15.6/26.5	In Hayward, San Leandro, and Oakland, at Tennyson Road Overcrossing (OC) No. 33-0236 (PM 15.65), Washington Avenue OC No. 33-0166 (PM 20.82), and Damon Slough southbound onramp No. 33-0142K (PM 26.53); also on Route 77 in Oakland, at San Leandro OC No. 33-0284 (PM 0.29). Upgrade bridge rails, replace joint seals.	1450C	2K170	201.112	21/22	\$2,550	\$0	\$12,525	\$0	\$0	\$800	\$1,500	\$250	\$2,200	\$25	\$10,300	\$15,075
04	ALA	880		In Oakland, at East Creek Slough Bridge No. 33-0143. Mitigate eroded channel side-slope tidal scour and replace bridge approach slabs.	1483D	2J760	201.119	21/22	\$1,000	\$2,027	\$3,577	\$0	\$0	\$1,000	\$1,867	\$160	\$1,170	\$100	\$2,307	\$6,604
04	CC	24		In Orinda, at St. Stephens Drive Overcrossing No. 28-0111. Seismic retrofit.	1493A	4J840	201.113	21/22	\$2,275	\$0	\$7,368	\$0	\$0	\$925	\$1,175	\$175	\$1,700	\$68	\$5,600	\$9,643
04	MRN	1		Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge.	0756K	0G642	201.113	21/22	\$7,787	\$0	\$23,475	\$0	\$0	\$4,187	\$2,850	\$750	\$2,625	\$6,500	\$14,350	\$31,262
04	MRN	101		In San Rafael, at Irwin Creek Bridge No. 27-0097. Rehabilitate corrugated metal arch culvert bridge and adjoining deteriorated culvert structures.	1493K	0K510	201.119	21/22	\$1,100	\$1,095	\$3,457	\$0	\$0	\$1,100	\$880	\$215	\$610	\$944	\$1,903	\$5,652
04	NAP	128		Near Rutherford, at Hopper Slough Bridge No. 21-0019. Replace bridge.	1451C	4J830	201.110	21/22	\$2,280	\$1,988	\$11,392	\$0	\$0	\$2,074	\$1,988	\$206	\$2,014	\$1,514	\$7,864	\$15,660
04	NAP	128	20.1/20.4	Near Napa, at Capell Creek Bridge No. 21-0078. Environmental mitigation and plant establishment for rehabilitate bridge project EA 4G840.	0830C	4G84A	201.110	21/22	\$0	\$0	\$1,536	\$0	\$0	\$0	\$0	\$10	\$250	\$776	\$500	\$1,536
04	NAP	29	14.1/19.0	In and near the cities of Napa and Yountville, at Craig Creek Bridge No. 21-0048 (PM 14.11), Dry Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0051 (PM 17.81), and California Drive Undercrossing No. 21-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.	1494E	0K630	201.112	21/22	\$2,600	\$1,550	\$8,906	\$0	\$0	\$2,600	\$1,200	\$350	\$1,500	\$295	\$7,111	\$13,056
04	SCL	9		Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	0386F	3G630	201.110	21/22	\$8,200	\$0	\$27,643	\$0	\$0	\$2,800	\$4,200	\$1,200	\$3,100	\$9,111	\$15,432	\$35,843
04	SM	1		Near Pescadero, at Pescadero Creek Bridge No. 35-0028. Upgrade bridge rails and repair approach slabs.	1494G	4J870	201.110	21/22	\$1,200	\$1,008	\$5,894	\$0	\$0	\$1,200	\$1,000	\$8	\$1,200	\$260	\$4,434	\$8,102
04	SM	101	0.1/23.4	In East Palo Alto, Redwood City, Belmont, Burlingame, Millbrae, South San Francisco, and Brisbane, from University Avenue Overcrossing to Sierra Point offramp separation. Upgrade bridge rails at eight	1485K	2J740	201.112	21/22	\$3,042	\$0	\$9,268	\$0	\$0	\$1,326	\$1,586	\$130	\$1,456	\$64	\$7,748	\$12,310
04	SM	280	0.0/21.0	In and near Menlo Park and San Bruno, from Alpine Road to Route 380 at Alpine Road Undercrossing No. 35-0009L/R (PM R0.05), Sand Hill Road Overcrossing (OC) (South) No. 35-0007 (PM R1.56), Sand Hill Road OC (North) No. 35-0008 (PM R1.62), and Route 280/380 Separation No. 35-0217 (PM R20.97). Structure seismic retrofit.	1498G	4J850	201.113	21/22	\$600	\$2,317	\$17,207	\$0	\$0	\$600	\$2,217	\$100	\$2,584	\$262	\$14,361	\$20,124
04	SM	1		In Half Moon Bay, at the Pilarcitos Creek Bridge No. 35-0139L/R; also on Route 84 at San Gregorio Creek Bridge No. 35-0166 (PM 7.55). Retrofit scour critical bridges to preserve the structural integrity of the bridges by reinforcing with Rock Slope Protection	1483M	2J790	201.119	21/22	\$1,250	\$1,300	\$3,579	\$0	\$0	\$1,250	\$1,040	\$260	\$1,300	\$343	\$1,936	\$6,129
04	SM	101		In Redwood City, at Cordilleras Creek Bridge No. 35-0019. Replace bridge to restore structural integrity. □ (G13 Contingency)	1483C	2J730	201.110	21/22	\$4,500	\$5,625	\$4,285	\$0	\$0	\$4,500	\$4,500	\$1,125	\$0	\$4,285	\$0	\$14,410
04	SOL	84		Near Rio Vista, at the Cache Slough Ferry Crossing. Upgrade the existing fender systems, concrete ramps, and swing gate systems, modify the ferry boat deck surface, and install traffic counter and Vehicle Detection Systems (VDS). □ (G13 Contingency)	0480D	4H060	201.119	21/22	\$2,080	\$2,340	\$350	\$0	\$0	\$2,080	\$2,080	\$260	\$0	\$350	\$0	\$4,770

**FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	SON	101	16.5/19.0	In and near Santa Rosa, at Todd Road Overcrossing (OC) No. 20-0172 (PM 16.54) and Baker Avenue OC No. 20-0173 (PM 19.00); also in Marin County near Navato, at Miller Creek Road OC No. 27-0082 (PM 15.57). Upgrade bridge rails.	1451A	2K240	201.112	21/22	\$1,560	\$0	\$5,447	\$0	\$0	\$650	\$780	\$130	\$988	\$116	\$4,343	\$7,007
04	SON	101		Near Petaluma, at San Antonio Creek Bridges No. 20-0019L/R. Abutment scour mitigation and channel sediment cleaning to address flooding.	1487D	3J080	201.119	21/22	\$982	\$440	\$1,625	\$0	\$0	\$982	\$416	\$24	\$468	\$160	\$997	\$3,047
04	NAP	29	28.4/29.3	In St. Helena, at Sulphur Creek Bridge No. 21-0016 and York Creek Bridge No. 21-0017. Upgrade bridge	1462K	2K150	201.112	22/23	\$1,040	\$1,300	\$0	\$5,736	\$0	\$1,040	\$800	\$500	\$800	\$748	\$4,188	\$8,076
04	SCL	82	11.4/26.4	In the cities of Santa Clara and Palo Alto, at De La Cruz Boulevard Overcrossing (OC) No. 37-0214 (PM R11.38), Mayfield Pedestrian Undercrossing (UC) No. 37-0091 (PM 24.15), University Avenue OC No. 37-0092 (PM 25.88), and San Francisquito Creek Bridge No. 37-0018 (PM 26.36). Upgrade bridge rails at three locations and abandon the Mayfield Pedestrian UC.	2021B	0P980	201.112	22/23	\$0	\$638	\$1,563	\$2,996	\$0	\$638	\$1,533	\$30	\$1,031	\$43	\$1,922	\$5,197
04	SCL	880	1.7/1.8	In San Jose, at Park Avenue Overcrossing No. 37-0127 (PM 1.73). Upgrade bridge rails and upgrade facilities to Americans with Disabilities Act (ADA)	2023K	1Q520	201.112	22/23	\$0	\$418	\$973	\$2,331	\$0	\$418	\$916	\$57	\$529	\$263	\$1,539	\$3,722
04	ALA	84	17.0/17.4	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade and seismic retrofit.	0481M	0J550	201.111	23/24	\$5,713	\$0	\$0	\$0	\$21,500	\$1,863	\$3,600	\$250	\$4,000	\$1,500	\$16,000	\$27,213
04	ALA	84	13.0/13.6	In Fremont, at Alameda Creek Bridge No. 33-36. Environmental mitigation and plant establishment work for bridge replacement project EA 16030.	1084B	16031	201.110	23/24	\$0	\$0	\$0	\$0	\$1,358	\$0	\$0	\$25	\$1,000	\$0	\$333	\$1,358
04	ALA	680	6.4/6.6	In Fremont, at Mission San Jose (680/238) Separation No. 33-0294. Bridge approach slabs replacement, bridge deck overlay, and joint seals replacement.	2020C	0P920	201.110	23/24	\$0	\$712	\$1,856	\$0	\$19,241	\$712	\$1,810	\$46	\$4,165	\$139	\$14,937	\$21,809
04	ALA	680		Near Sunol, at Alameda Creek Bridge No. 33-0047. Scour mitigation, bridge deck rehabilitation, and joint seal replacement.	2020B	0P910	201.111	23/24	\$0	\$1,699	\$0	\$1,825	\$9,932	\$1,699	\$1,602	\$223	\$2,166	\$305	\$7,461	\$13,456
04	ALA	13		In Oakland, at Burns Drive Pedestrian Overcrossing No. 33-0244 (PM 7.91). Replace pedestrian overcrossing and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2020L	0P890	201.113	23/24	\$0	\$2,359	\$2,677	\$0	\$21,728	\$2,359	\$2,584	\$93	\$4,252	\$26	\$17,450	\$26,764
04	ALA	580	41.3/44.8	In Oakland, at Fruitvale Avenue Undercrossing No. 33-0324 (PM R41.43), Van Buren Avenue Pedestrian Overcrossing (POC) No. 33-0313 (PM 43.75), Santa Clara Avenue POC No. 33-0312 (PM 43.76), and Broadway Richmond Boulevard Undercrossing No. 33-0285 (PM 44.51). Seismic retrofit and bridge rail replacement of two bridges, and demolish and replace two POCs.	2020M	0P900	201.113	23/24	\$0	\$3,170	\$3,729	\$0	\$31,952	\$3,170	\$3,418	\$311	\$5,301	\$146	\$26,505	\$38,851
04	CC	80	7.6/12.8	In Pinole and Hercules, at Appian Way Overcrossing No. 28-0146R (PM 7.60) and Cummings Skyway Overcrossing No. 28-0149 (PM 12.75). Upgrade bridge rails and widen bridges to comply with Americans with Disabilities Act (ADA) standards.	2022K	0P930	201.112	23/24	\$0	\$1,870	\$2,921	\$0	\$19,821	\$1,870	\$2,904	\$17	\$4,256	\$37	\$15,528	\$24,612
04	MRN	1	0.4/23.0	Near Mill Valley, Stinson Beach, and Olema, at Coyote Creek Bridge No. 27-0018 (PM 0.42), Eskoot Creek Bridge No. 27-0077 (PM 12.37), Olema Creek Bridge No. 27-0020 (PM 22.81) and Olema Creek Bridge No. 27-0021 (PM 22.96). Upgrade bridge rails.	2020N	0P960	201.112	23/24	\$0	\$1,650	\$0	\$2,199	\$10,832	\$1,650	\$1,755	\$444	\$2,065	\$676	\$8,091	\$14,681
04	MRN	101		In Corte Madera, at Tamalpais Drive Overcrossing No. 27-0072 (PM 7.37). Bridge seismic restoration and upgrade facilities to Americans with Disabilities Act (ADA) standards.	1493E	4J860	201.113	23/24	\$0	\$2,115	\$0	\$3,631	\$20,459	\$2,115	\$3,462	\$169	\$2,957	\$692	\$16,810	\$26,205

**FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)**

FOR 2019/2024 PROGRAM YEARS

All amounts in \$1,000

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	MRN	37		Near Novato, at Petaluma River Bridge No. 27-0013. Rehabilitate bridge deck, upgrade railings, replace fender system, and mitigate bridge scour. □ (G13 Contingency)	0332C	2Q500	201.110	23/24	\$0	\$1,810	\$0	\$3,740	\$130	\$1,810	\$3,630	\$110	\$0	\$130	\$0	\$5,680
04	NAP	121	6.4/6.5	In the city of Napa, at Tulocay Creek Bridge No. 21-0003 (PM 6.423). Replace existing bridge with a single span precast concrete box girder bridge.	1493C	4J820	201.110	23/24	\$0	\$3,302	\$0	\$4,298	\$25,372	\$3,302	\$3,248	\$1,050	\$3,510	\$6,282	\$15,580	\$32,972
04	SCL	17	6.2/6.6	In Los Gatos, at Santa Cruz Avenue Undercrossing No. 37-0124L (PM 6.16) and Main Street Overcrossing No. 37-0117 (PM 6.55). Upgrade bridge rails.	2021L	0P970	201.112	23/24	\$0	\$675	\$1,470	\$0	\$6,376	\$675	\$1,453	\$17	\$1,471	\$26	\$4,879	\$8,521
04	SF	101		In the City and County of San Francisco, at Twenty Third Street Overcrossing No. 34-0035 (PM 3.37); also at Third Street Undercrossing No. 34-0030S (PM 0.77). Upgrade bridge rails.	2026H	2Q460	201.112	23/24	\$0	\$772	\$1,380	\$0	\$4,136	\$772	\$1,255	\$125	\$1,353	\$33	\$2,750	\$6,288
04	SF	101	4.1/5.1	in the City and County of San Francisco, at Central Viaduct No. 34-0077; also on Route 80 at Bayshore Viaduct No. 34-0088 (PM L3.79/4.99). Rehabilitate bridges by overlaying bridge deck, replacing joint seals, and upgrading bridge rails. □ (G13 Contingency)	2021K	0Q020	201.110	23/24	\$0	\$1,941	\$3,758	\$0	\$52	\$1,941	\$3,466	\$292	\$0	\$52	\$0	\$5,751
04	SM	82		In the city of San Mateo, at Hillsdale Boulevard Overcrossing No. 35-0198 (PM 9.345). Upgrade bridge rails and signals and upgrade facilities to Americans with Disabilities Act (ADA) standards.	2024C	1Q530	201.112	23/24	\$0	\$657	\$1,372	\$0	\$2,643	\$657	\$1,303	\$69	\$746	\$76	\$1,821	\$4,672
04	SOL	128		Near Winters, at Putah Creek Bridge No. 23-0099 (PM 0.72). Rehabilitate bridges by upgrading bridge rails and overlaying bridge deck.	2024F	1Q570	201.112	23/24	\$0	\$801	\$0	\$2,076	\$6,153	\$801	\$1,936	\$140	\$1,506	\$60	\$4,587	\$9,030
04	SON	101	22.8/32.8	In and near Santa Rosa, at Mendocino Avenue Overcrossing No. 20-0179 (PM 22.81), Fulton Road Overcrossing No. 20-0200 (PM 25.90), Shiloh Road Overcrossing No. 20-0202 (PM 27.62), and Limerick Lane Overcrossing No. 20-0066 (PM 32.79). Upgrade bridge rails.	2029C	1Q700	201.112	23/24	\$0	\$1,528	\$0	\$1,523	\$9,792	\$1,528	\$1,518	\$5	\$1,484	\$252	\$8,056	\$12,843
04	SON	116	19.9/33.4	Near Sebastopol, at Jones Creek Bridge No. 20-0094 (PM 19.90), Blucher Creek Bridge No. 20-0103 (PM 29.83) and Gossage Creek Bridge No. 20-0104 (PM 33.37). Upgrade bridge rails.	2028P	2Q420	201.112	23/24	\$0	\$1,280	\$0	\$1,950	\$6,210	\$1,280	\$1,780	\$170	\$1,740	\$160	\$4,310	\$9,440
04	SON	121	6.5/8.4	Near Schellville, at Yellow Creek Bridge No. 20-0021 (PM 6.52) and Arroyo Seco Bridge No. 20-0023 (PM 8.43). Upgrade bridge rails.	2028Q	2Q440	201.112	23/24	\$0	\$1,750	\$0	\$2,490	\$10,340	\$1,750	\$2,410	\$80	\$2,370	\$190	\$7,780	\$14,580
<b>2020 SHOPP - Bridge Preservation TOTAL</b>									<b>\$58,013</b>	<b>\$76,840</b>	<b>\$169,233</b>	<b>\$34,795</b>	<b>\$228,027</b>	<b>\$63,091</b>	<b>\$80,133</b>	<b>\$10,392</b>	<b>\$75,595</b>	<b>\$39,940</b>	<b>\$297,757</b>	<b>\$566,908</b>
<b>SHOPP - Bridge Preservation NEW REQUESTED TOTAL</b>									<b>\$253,197</b>	<b>\$76,840</b>	<b>\$169,233</b>	<b>\$34,795</b>	<b>\$228,027</b>	<b>\$80,057</b>	<b>\$108,180</b>	<b>\$13,494</b>	<b>\$99,744</b>	<b>\$49,242</b>	<b>\$411,375</b>	<b>\$762,092</b>



**GL: Shoulder Improvements –  
SHOPP Roadside Preservation Program  
(TIP ID- VAR170011)**

**As Updated with 2021 TIP Update**

**FTIP BACK-UP LIST FOR SHOPP - ROADSIDE PRESERVATION PROJECTS (VAR170011)**

FOR 2020/2024 PROGRAM YEARS

*All amounts in \$1,000*

Dist	Co	Rte	PM	Location/Description	PPNO	EA	Prog Code	Con FY	Prior	20/21	21/22	22/23	23/24	PAED	PSE	RW SUP	CONSUP	RW	CON	TOTAL
04	ALA	238	16.3/16.7	In San Leandro, from Hesperian Boulevard to Route 880 (PM 16.3/16.696); also on Route 580, from 0.2 mile east of San Pablo Avenue to San Pablo Avenue (PM 45.5/45.7); and in Solano County, on Route 80 in Vallejo at Redwood Parkway (PM 4.0/4.5). Highway planting and irrigation system rehabilitation.	1453H	2K790	201.210	20/21	\$1,070	\$3,050	\$0	\$0	\$0	\$600	\$420	\$50	\$510	\$10	\$2,530	\$4,120
04	SCL	101	30.7/38.1	In San Jose, from 0.3 mile south of Yerba Buena Road to 10th Street Overcrossing. Highway planting and modernizing roadside irrigation facilities.	2020J	4J930	201.210	20/21	\$938	\$3,140	\$0	\$0	\$0	\$375	\$500	\$63	\$725	\$15	\$2,400	\$4,078
04	NAP	29	15.6/22.8	In and near Yountville, from Oak Knoll Avenue to Oakville Cross Road. Advance mitigation credit purchases for planned SHOPP projects to minimize impacts on biological resources. Financial Contribution Only (FCO) to the Napa County Flood Control District for construction implementation.	1464H	0P730	201.240	22/23	\$0	\$659	\$418	\$3,605	\$0	\$659	\$408	\$10	\$0	\$0	\$3,605	\$4,682
<b>2020 SHOPP - Roadside Preservation NEW REQUESTED TOTAL</b>									<b>\$2,008</b>	<b>\$6,849</b>	<b>\$418</b>	<b>\$3,605</b>	<b>\$0</b>	<b>\$1,634</b>	<b>\$1,328</b>	<b>\$123</b>	<b>\$1,235</b>	<b>\$25</b>	<b>\$8,535</b>	<b>\$12,880</b>

**GL: Highway Bridge Program  
(TIP ID – VAR170012)**

**Last updated with 2021 TIP Update**

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

3/31/2020, 1:07 PM

- Notes:
- 1) This is the FTIP lump sum “backup” list for HBP funded projects. Please see the Local Assistance web site for the most current listings:  
  
[http://www.dot.ca.gov/hq/LocalPrograms/hbrr99/HBP\\_FSTIP.html](http://www.dot.ca.gov/hq/LocalPrograms/hbrr99/HBP_FSTIP.html)
  - 2) The purpose of this list is to show which projects being advanced by local agencies have met the eligibility requirements of the federal Highway Bridge Program and have been prioritized for funding by the Department in cooperation with local agencies for funding.
  - 3) Contractual funding levels are determined at time of federal authorization/obligation for given phase of work. For details see Chapter 3 of the Local Assistance Procedures Manual.
  - 4) For FTIP/FSTIP purposes, Federal Highway Bridge Program (HBP) funding constraint is managed by Caltrans.
  - 5) Prop 1B bond funds for the Local Seismic Safety Retrofit Program (LSSRP) used for matching federal funds are also managed by Caltrans.
  - 6) Financial constraint of LOCAL matching funds (including regional STIP funds) and LOCAL Advance Construction (AC) is the responsibility of the MPOs and their local agencies.
  - 7) Some projects show that they are programmed using State STP funds. These funds are HBP funds transferred to the STP for bridge work that is not ordinarily eligible for HBP funds. See the HB Program Guidelines for details. Do not confuse these STP funds with Regional STP funds.
  - 8) Corrections to this report should be addressed to the District Local Assistance Engineer:  
  
<http://www.dot.ca.gov/hq/LocalPrograms/dlae.htm>

Note id: 24

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Alameda County 4420 BRIDGE NO. 33C0025, CASTLEWOOD DRIVE OVER ARROYO DE LA LAGUNA, 0.1 MI E/O FOOTHILL RD. Replace existing two-lane bridge with a new two-lane bridge. Chien Wu, 9/9/2016 2:44:45 PM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			570,000						570,000
R/W					200,000				200,000
CON								4,608,800	4,608,800
<b>Total</b>			570,000		200,000			4,608,800	5,378,800
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			504,621		177,060			4,080,171	4,761,852
Local Match			65,379		22,940			528,629	616,948
LSSRP Bond									
Local AC									
<b>Total</b>			570,000		200,000			4,608,800	5,378,800
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			504,621						504,621
Local Match			65,379						65,379
LSSRP Bond									
Local AC									
<b>Total</b>			570,000						570,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					177,060				177,060
Local Match					22,940				22,940
LSSRP Bond									
Local AC									
<b>Total</b>					200,000				200,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,080,171	4,080,171
Local Match								528,629	528,629
LSSRP Bond									
Local AC									
<b>Total</b>								4,608,800	4,608,800

Project #: 5933(159)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Alameda County 4301 BRIDGE NO. 33C0448, ARROYO ROAD OVER DRY CREEK, 1 MILE SW OF WETMORE. Replace existing two-lane bridge with a new two-lane bridge. 10/1/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	430,000								430,000
R/W					100,000				100,000
CON								1,272,600	1,272,600
<b>Total</b>	<b>430,000</b>				<b>100,000</b>			<b>1,272,600</b>	<b>1,802,600</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	430,000				100,000			1,272,600	1,802,600
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>430,000</b>				<b>100,000</b>			<b>1,272,600</b>	<b>1,802,600</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	430,000								430,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>430,000</b>								<b>430,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					100,000				100,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>100,000</b>				<b>100,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,272,600	1,272,600
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>1,272,600</b>	<b>1,272,600</b>

Project #: 5933(138)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Albany 4157 BRIDGE NO. 33C0184, BUCHANAN ST OVER UP RR, BNSF RY, & AMTRAK, NEAR I-80. Bridge preventive maintenance project.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				40,000					40,000
R/W								4,000	4,000
CON								291,300	291,300
<b>Total</b>				40,000				295,300	335,300
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				35,412				261,429	296,841
Local Match				4,588				33,871	38,459
LSSRP Bond									
Local AC									
<b>Total</b>				40,000				295,300	335,300
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				35,412					35,412
Local Match				4,588					4,588
LSSRP Bond									
Local AC									
<b>Total</b>				40,000					40,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,541	3,541
Local Match								459	459
LSSRP Bond									
Local AC									
<b>Total</b>								4,000	4,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								257,888	257,888
Local Match								33,412	33,412
LSSRP Bond									
Local AC									
<b>Total</b>								291,300	291,300

Project #: 5178(017)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Oakland 3413 BRIDGE NO. 33C0028, ADELIN ST, OVER UP RR,BNSF,AMTRAK,EMBARC, JUST S OF 3RD ST. Voluntary Seismic retrofit only, no lanes being added.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	632,000								632,000
R/W	80,000								80,000
CON					2,120,000				2,120,000
Total	712,000				2,120,000				2,832,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	630,334				1,876,836				2,507,170
Local Match	81,666				243,164				324,830
LSSRP Bond									
Local AC									
Total	712,000				2,120,000				2,832,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	559,510								559,510
Local Match	72,490								72,490
LSSRP Bond									
Local AC									
Total	632,000								632,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	70,824								70,824
Local Match	9,176								9,176
LSSRP Bond									
Local AC									
Total	80,000								80,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					1,876,836				1,876,836
Local Match					243,164				243,164
LSSRP Bond									
Local AC									
Total					2,120,000				2,120,000

Project #:

5012(103)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Oakland 2130 BRIDGE NO. 33C0215, LEIMERT BLVD, OVER SAUSAL CREEK, 0.1 MI E OF PARK BLVD. LSSRP Seismic Retrofit

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,473,000								1,473,000
R/W			115,000						115,000
CON								7,553,466	7,553,466
<b>Total</b>	<b>1,473,000</b>		<b>115,000</b>					<b>7,553,466</b>	<b>9,141,466</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,304,047		101,810					6,687,083	8,092,940
Local Match	168,953								168,953
LSSRP Bond			13,191					866,383	879,573
Local AC									
<b>Total</b>	<b>1,473,000</b>		<b>115,000</b>					<b>7,553,466</b>	<b>9,141,466</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,304,047								1,304,047
Local Match	168,953								168,953
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,473,000</b>								<b>1,473,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			101,810						101,810
Local Match									
LSSRP Bond			13,191						13,191
Local AC									
<b>Total</b>			<b>115,000</b>						<b>115,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								6,687,083	6,687,083
Local Match									
LSSRP Bond								866,383	866,383
Local AC									
<b>Total</b>								<b>7,553,466</b>	<b>7,553,466</b>

Project #:  

5012(025)
5012(124)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Oakland 4457 BRIDGE NO. 33C0373L, EDGEWATER DRIVE SB OVER ELMHURST CANAL, 0.2 MI N/W ROLAND WAY. Replace existing two-lane bridge with a new two-lane bridge , Chien Wu, 9/29/2016 9:47:53 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			800,000						800,000
R/W					100,000				100,000
CON								4,480,000	4,480,000
Total			800,000		100,000			4,480,000	5,380,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			708,240		88,530			3,966,144	4,762,914
Local Match			91,760		11,470			513,856	617,086
LSSRP Bond									
Local AC									
Total			800,000		100,000			4,480,000	5,380,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			708,240						708,240
Local Match			91,760						91,760
LSSRP Bond									
Local AC									
Total			800,000						800,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					88,530				88,530
Local Match					11,470				11,470
LSSRP Bond									
Local AC									
Total					100,000				100,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,966,144	3,966,144
Local Match								513,856	513,856
LSSRP Bond									
Local AC									
Total								4,480,000	4,480,000

Project #: 5012(161)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Oakland 4458 BRIDGE NO. 33C0373R, EDGEWATER DRIVE NB OVER ELMHURST CANAL, 0.2 MI N/W ROLAND WAY. Replace existing two-lane bridge with a new two-lane bridge, Chien Wu, 9/29/2016 10:36:18 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			800,000						800,000
R/W					100,000				100,000
CON								4,480,000	4,480,000
<b>Total</b>			800,000		100,000			4,480,000	5,380,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			708,240		88,530			3,966,144	4,762,914
Local Match			91,760		11,470			513,856	617,086
LSSRP Bond									
Local AC									
<b>Total</b>			800,000		100,000			4,480,000	5,380,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			708,240						708,240
Local Match			91,760						91,760
LSSRP Bond									
Local AC									
<b>Total</b>			800,000						800,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					88,530				88,530
Local Match					11,470				11,470
LSSRP Bond									
Local AC									
<b>Total</b>					100,000				100,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,966,144	3,966,144
Local Match								513,856	513,856
LSSRP Bond									
Local AC									
<b>Total</b>								4,480,000	4,480,000

Project #: 5012(160)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Oakland 3304 PM00002, Bridge Preventive Maintenance Program (BPMP), various bridges in the City of Oakland. See Caltrans Local Assistance HBP web site for backup list of bridges.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total	Project #:
PE	1,706,000								1,706,000	5012(083)
R/W										5012(108)
CON	2,970,335				1,183,341			1,081,315	5,234,991	5012(109)
Total	4,676,335				1,183,341			1,081,315	6,940,991	5012(111)
										5012(112)
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total	5012(121)
Fed \$	4,139,959				1,047,612			957,288	6,144,859	5012(137)
Local Match	536,376		-0		135,729			124,027	796,132	
LSSRP Bond										
Local AC										
Total	4,676,335				1,183,341			1,081,315	6,940,991	
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total	
Fed \$	1,510,322								1,510,322	
Local Match	195,678								195,678	
LSSRP Bond										
Local AC										
Total	1,706,000								1,706,000	
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total	
Fed \$	2,629,638				1,047,612			957,288	4,634,538	
Local Match	340,697		-0		135,729			124,027	600,453	
LSSRP Bond										
Local AC										
Total	2,970,335				1,183,341			1,081,315	5,234,991	

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Alameda

Responsible Agency HBP-ID Project Description

Pleasanton 4256 BRIDGE NO. PM00119, Bridge Preventive Maintenance Program (BPMP), various bridges in the City of Pleasanton. See Caltrans Local Assistance HBP web site for backup list of bridges

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	151,962								151,962
R/W									
CON			1,291,520						1,291,520
Total	151,962		1,291,520						1,443,482
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	134,532				1,143,383				1,277,915
Local Match	17,430		148,137						165,567
LSSRP Bond									
Local AC			1,143,383		-1,143,383				
Total	151,962		1,291,520						1,443,482
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	134,532								134,532
Local Match	17,430								17,430
LSSRP Bond									
Local AC									
Total	151,962								151,962
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					1,143,383				1,143,383
Local Match	0		148,137						148,137
LSSRP Bond									
Local AC			1,143,383		-1,143,383				
Total			1,291,520						1,291,520

Project #: 5101(029)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID    Project Description

Concord      3392    PM00023, Bridge Preventive Maintenance Program, various locations. See Caltrans Local Assistance HBP web site for backup list of bridges.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	810,225				20,107				830,332
R/W									
CON	3,211,141				924,427				4,135,568
<b>Total</b>	<b>4,021,366</b>				<b>944,534</b>				<b>4,965,900</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	3,560,115				836,196				4,396,311
Local Match	461,251				108,338				569,589
LSSRP Bond									
Local AC									
<b>Total</b>	<b>4,021,366</b>				<b>944,534</b>				<b>4,965,900</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	717,292				17,801				735,093
Local Match	92,933				2,306				95,239
LSSRP Bond									
Local AC									
<b>Total</b>	<b>810,225</b>				<b>20,107</b>				<b>830,332</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$									
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>									
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,842,823				818,395				3,661,218
Local Match	368,318				106,032				474,350
LSSRP Bond									
Local AC									
<b>Total</b>	<b>3,211,141</b>				<b>924,427</b>				<b>4,135,568</b>

<b>Project #:</b>
5135(039)
5135(048)
5135(049)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Contra Costa County      1175      BRIDGE NO. 28C0024, ORWOOD ROAD, OVER INDIAN SLOUGH, 2 MI E BYRON HIGHWAY. Replace 2 lane bridge with new 2 lane bridge. 4/5/2010: Toll Credits programmed for R/W & Con.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,025,000	387,200							1,412,200
R/W	100,000	291,781							391,781
CON	8,372,700	1,558,708			1,030,059				10,961,467
<b>Total</b>	<b>9,497,700</b>	<b>2,237,689</b>			<b>1,030,059</b>				<b>12,765,448</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	9,292,700	2,160,249			1,030,059				12,483,008
Local Match	205,000	77,440							282,440
LSSRP Bond									
Local AC									
<b>Total</b>	<b>9,497,700</b>	<b>2,237,689</b>			<b>1,030,059</b>				<b>12,765,448</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	820,000	309,760							1,129,760
Local Match	205,000	77,440							282,440
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,025,000</b>	<b>387,200</b>							<b>1,412,200</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	100,000	291,781							391,781
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>100,000</b>	<b>291,781</b>							<b>391,781</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	8,372,700	1,558,708			1,030,059				10,961,467
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>8,372,700</b>	<b>1,558,708</b>			<b>1,030,059</b>				<b>10,961,467</b>

Project #:

5928(045)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Contra Costa

Responsible Agency HBP-ID Project Description

Contra Costa County 1677 BRIDGE NO. 28C0121, BYRON HWY, OVER CALIFORNIA AQUEDUCT, 1.4 MI NW ALA C.L.. Replace existing 2 lane bridge with new 2 lane bridge

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	675,000				1,525,000				2,200,000
R/W					200,000				200,000
CON							16,515,000		16,515,000
Total	675,000				1,725,000		16,515,000		18,915,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	597,578				1,527,143		14,620,730		16,745,450
Local Match	77,423		0		197,858		1,894,271		2,169,551
LSSRP Bond									
Local AC									
Total	675,000				1,725,000		16,515,000		18,915,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	597,578				1,350,083				1,947,660
Local Match	77,423				174,918				252,340
LSSRP Bond									
Local AC									
Total	675,000				1,525,000				2,200,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					177,060				177,060
Local Match			0		22,940				22,940
LSSRP Bond									
Local AC									
Total					200,000				200,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							14,620,730		14,620,730
Local Match							1,894,271		1,894,271
LSSRP Bond									
Local AC									
Total							16,515,000		16,515,000

Project #: 5928(104)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Contra Costa County      3727      BRIDGE NO. 28C0141, MARSH CREEK RD OVER MARSH CREEK, 1.8 MI E MORGAN TERITY RD.      Replace existing two lane bridge with two lane bridge,

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,000,000	65,000							1,065,000
R/W	146,000	43,000							189,000
CON	5,699,417	120,869							5,820,286
<b>Total</b>	<b>6,845,417</b>	<b>228,869</b>							<b>7,074,286</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,014,554	5,248,312							6,262,865
Local Match	785,169	26,251							811,421
LSSRP Bond									
Local AC	5,045,694	-5,045,694							
<b>Total</b>	<b>6,845,417</b>	<b>228,869</b>							<b>7,074,286</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	885,300	57,545							942,845
Local Match	114,700	7,456							122,156
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,000,000</b>	<b>65,000</b>							<b>1,065,000</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	129,254	38,068							167,322
Local Match	16,746	4,932							21,678
LSSRP Bond									
Local AC									
<b>Total</b>	<b>146,000</b>	<b>43,000</b>							<b>189,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		5,152,699							5,152,699
Local Match	653,723	13,864							667,587
LSSRP Bond									
Local AC	5,045,694	-5,045,694							
<b>Total</b>	<b>5,699,417</b>	<b>120,869</b>							<b>5,820,286</b>

Project #: 5928(107)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Contra Costa County      3957      BRIDGE NO. 28C0143, MARSH CREEK RD, OVER MARSH CREEK, 7.3 MI E MORGAN TERITY RD combined with BRIDGE NO. 28C0145, MARSH CREEK RD, OVER MARSH CREEK, 3 MI E DEER VALLEY ROAD . Replace two existing 2-lane bridges with two new 2-lane bridges.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,040,500				500,000				1,540,500
R/W			300,000						300,000
CON								10,600,000	10,600,000
<b>Total</b>	<b>1,040,500</b>		<b>300,000</b>		<b>500,000</b>			<b>10,600,000</b>	<b>12,440,500</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	921,155		265,590		442,650			9,384,180	11,013,575
Local Match	119,345		34,410		57,350			1,215,820	1,426,925
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,040,500</b>		<b>300,000</b>		<b>500,000</b>			<b>10,600,000</b>	<b>12,440,500</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	921,155				442,650				1,363,805
Local Match	119,345				57,350				176,695
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,040,500</b>				<b>500,000</b>				<b>1,540,500</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			265,590						265,590
Local Match			34,410						34,410
LSSRP Bond									
Local AC									
<b>Total</b>			<b>300,000</b>						<b>300,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								9,384,180	9,384,180
Local Match								1,215,820	1,215,820
LSSRP Bond									
Local AC									
<b>Total</b>								<b>10,600,000</b>	<b>10,600,000</b>

Project #: 5928(125)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Contra Costa

Responsible Agency HBP-ID Project Description

Contra Costa County 4527 BRIDGE NO. 28C0154, PLEASANT HILL RD OVER TAYLOR BLVD, 0.6 MI E OF GEARY ROAD. Rehabilitate existing bridge. Deck replacement and sliver widening for standard shoulders, no added capacity.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			313,627						313,627
R/W								25,000	25,000
CON								1,756,310	1,756,310
Total			313,627					1,781,310	2,094,937
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					277,654			1,576,994	1,854,648
Local Match			35,973					204,316	240,289
LSSRP Bond									
Local AC			277,654		-277,654				
Total			313,627					1,781,310	2,094,937
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					277,654				277,654
Local Match			35,973						35,973
LSSRP Bond									
Local AC			277,654		-277,654				
Total			313,627						313,627
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								22,133	22,133
Local Match								2,868	2,868
LSSRP Bond									
Local AC									
Total								25,000	25,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,554,861	1,554,861
Local Match								201,449	201,449
LSSRP Bond									
Local AC									
Total								1,756,310	1,756,310

Project #: 5928(154)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Contra Costa County      829      BRIDGE NO. 28C0376, CANAL RD, OVER CONTRA COSTA CANAL, 0.5 MI W OF BAILEY RD. Replace existing two lane bridge with two lane bridge. 4/1/2010: Toll Credits programmed for PE, R/W, & Con.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	444,475								444,475
R/W	112,400				43,100				155,500
CON	1,724,900				97,100				1,822,000
<b>Total</b>	<b>2,281,775</b>				<b>140,200</b>				<b>2,421,975</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,281,775				140,200				2,421,975
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>2,281,775</b>				<b>140,200</b>				<b>2,421,975</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	444,475								444,475
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>444,475</b>								<b>444,475</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	112,400				43,100				155,500
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>112,400</b>				<b>43,100</b>				<b>155,500</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,724,900				97,100				1,822,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,724,900</b>				<b>97,100</b>				<b>1,822,000</b>

Project #: 5928(108)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Contra Costa

Responsible Agency HBP-ID Project Description

Contra Costa County 4299 BRIDGE NO. 28C0442, MARSH DRIVE OVER WALNUT CREEK, 0.2 MI W OF SOLANO WAY. Replace existing two-lane bridge with a new two-lane bridge, Minor seismic contribution.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,180,000		400,000						1,580,000
R/W			240,000						240,000
CON								14,648,850	14,648,850
<b>Total</b>	<b>1,180,000</b>		<b>640,000</b>					<b>14,648,850</b>	<b>16,468,850</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,044,654		566,592					12,968,627	14,579,873
Local Match	135,346		73,408					1,450,823	1,659,577
LSSRP Bond								229,400	229,400
Local AC									
<b>Total</b>	<b>1,180,000</b>		<b>640,000</b>					<b>14,648,850</b>	<b>16,468,850</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,044,654		354,120						1,398,774
Local Match	135,346		45,880						181,226
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,180,000</b>		<b>400,000</b>						<b>1,580,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			212,472						212,472
Local Match			27,528						27,528
LSSRP Bond									
Local AC									
<b>Total</b>			<b>240,000</b>						<b>240,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								12,968,627	12,968,627
Local Match								1,450,823	1,450,823
LSSRP Bond								229,400	229,400
Local AC									
<b>Total</b>								<b>14,648,850</b>	<b>14,648,850</b>

Project #: 5928(128)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Contra Costa

Responsible Agency HBP-ID Project Description

Contra Costa County 4513 BRIDGE NO. PM00159, Bridge Preventive Maintenance Program (BPMP) various bridges in Contra Costa County. See Caltrans Local Assistance HBP website for backup list of projects.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			180,370						180,370
R/W								60,000	60,000
CON								805,778	805,778
Total			180,370					865,778	1,046,148
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			159,682					766,473	926,155
Local Match			20,688					99,305	119,993
LSSRP Bond									
Local AC									
Total			180,370					865,778	1,046,148
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			159,682						159,682
Local Match			20,688						20,688
LSSRP Bond									
Local AC									
Total			180,370						180,370
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								53,118	53,118
Local Match								6,882	6,882
LSSRP Bond									
Local AC									
Total								60,000	60,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								713,355	713,355
Local Match								92,423	92,423
LSSRP Bond									
Local AC									
Total								805,778	805,778

Project #: 5928(155)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Danville      4288      BRIDGE NO. 28C0335, LA GONDA WAY, OVER SAN RAMON CREEK, AT DANVILLE BLVD.      Widen existing two-lane bridge to include standard lane width, shoulder and sidewalk. (No added capacity)

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	600,000				603,807				1,203,807
R/W					221,000				221,000
CON								6,420,400	6,420,400
<b>Total</b>	<b>600,000</b>				<b>824,807</b>			<b>6,420,400</b>	<b>7,845,207</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	531,180				730,202			5,683,980	6,945,362
Local Match	68,820				94,605			736,420	899,845
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>824,807</b>			<b>6,420,400</b>	<b>7,845,207</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	531,180				534,550				1,065,730
Local Match	68,820				69,257				138,077
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>603,807</b>				<b>1,203,807</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					195,651				195,651
Local Match					25,349				25,349
LSSRP Bond									
Local AC									
<b>Total</b>					<b>221,000</b>				<b>221,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,683,980	5,683,980
Local Match								736,420	736,420
LSSRP Bond									
Local AC									
<b>Total</b>								<b>6,420,400</b>	<b>6,420,400</b>

Project #: 5434(024)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Lafayette      4593      BRIDGE NO. PM00174, Bridge Preventive Maintenance Program (BPMP) various bridges in the City of Lafayette. See Caltrans Local Assistance HBP website for backup list of projects.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE					115,000				115,000
R/W									
CON								334,000	334,000
<b>Total</b>					115,000			334,000	449,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					101,810			295,690	397,500
Local Match					13,191			38,310	51,500
LSSRP Bond									
Local AC									
<b>Total</b>					115,000			334,000	449,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					101,810				101,810
Local Match					13,191				13,191
LSSRP Bond									
Local AC									
<b>Total</b>					115,000				115,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								295,690	295,690
Local Match								38,310	38,310
LSSRP Bond									
Local AC									
<b>Total</b>								334,000	334,000

Project #:



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Moraga      4070      BRIDGE NO. 28C0137, CANYON RD OVER W BRANCH SAN LEANDRO CR, 2.4 MI N ALA C.L.. Replace existing 2-lane bridge with new 2-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	965,875	624,125	33,000						1,623,000
R/W	150,000	25,000							175,000
CON		7,938,750	180,000						8,118,750
<b>Total</b>	<b>1,115,875</b>	<b>8,587,875</b>	<b>213,000</b>						<b>9,916,750</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	987,884	7,602,846	188,569						8,779,299
Local Match	127,991	985,029	24,431						1,137,451
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,115,875</b>	<b>8,587,875</b>	<b>213,000</b>						<b>9,916,750</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	855,089	552,538	29,215						1,436,842
Local Match	110,786	71,587	3,785						186,158
LSSRP Bond									
Local AC									
<b>Total</b>	<b>965,875</b>	<b>624,125</b>	<b>33,000</b>						<b>1,623,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	132,795	22,133							154,928
Local Match	17,205	2,868							20,073
LSSRP Bond									
Local AC									
<b>Total</b>	<b>150,000</b>	<b>25,000</b>							<b>175,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		7,028,175	159,354						7,187,529
Local Match		910,575	20,646						931,221
LSSRP Bond									
Local AC									
<b>Total</b>		<b>7,938,750</b>	<b>180,000</b>						<b>8,118,750</b>

Project #: 5415(011)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Contra Costa

Responsible Agency HBP-ID Project Description

Oakley 4472 BRIDGE NO. 28C0270, MAIN STREET OVER CONTRA COSTA CANAL, .01 MI SE/O OAKLEY RD. Rehabilitate existing bridge (no added capacity), Chien Wu, 10/5/2016 10:20:29 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				88,715					88,715
R/W								50,000	50,000
CON								248,402	248,402
Total				88,715				298,402	387,117
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				78,539				264,175	342,715
Local Match				10,176				34,227	44,402
LSSRP Bond									
Local AC									
Total				88,715				298,402	387,117
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				78,539					78,539
Local Match				10,176					10,176
LSSRP Bond									
Local AC									
Total				88,715					88,715
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								44,265	44,265
Local Match								5,735	5,735
LSSRP Bond									
Local AC									
Total								50,000	50,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								219,910	219,910
Local Match								28,492	28,492
LSSRP Bond									
Local AC									
Total								248,402	248,402

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID    Project Description

Orinda      2073    BRIDGE NO. 28C0330, MINER RD, OVER SAN PABLO CREEK, AT CAMINO PABLO. LSSRP Seismic Retrofit

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	195,000	175,900							370,900
R/W					50,000				50,000
CON								957,500	957,500
<b>Total</b>	<b>195,000</b>	<b>175,900</b>			<b>50,000</b>			<b>957,500</b>	<b>1,378,400</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	172,634	155,724			44,265			847,675	1,220,298
Local Match	22,367	20,176							42,542
LSSRP Bond					5,735			109,825	115,560
Local AC									
<b>Total</b>	<b>195,000</b>	<b>175,900</b>			<b>50,000</b>			<b>957,500</b>	<b>1,378,400</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	172,634	155,724							328,358
Local Match	22,367	20,176							42,542
LSSRP Bond									
Local AC									
<b>Total</b>	<b>195,000</b>	<b>175,900</b>							<b>370,900</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					44,265				44,265
Local Match									
LSSRP Bond					5,735				5,735
Local AC									
<b>Total</b>					<b>50,000</b>				<b>50,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								847,675	847,675
Local Match									
LSSRP Bond								109,825	109,825
Local AC									
<b>Total</b>								<b>957,500</b>	<b>957,500</b>

Project #:  

5444(010)
5444(019)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Contra Costa

Responsible Agency HBP-ID Project Description

Orinda 2074 BRIDGE NO. 28C0331, BEAR CREEK RD, OVER SAN PABLO CREEK, 0.2 MI E CAMINO PABLO. LSSRP Seismic Retrofit

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	737,000								737,000
R/W					50,000				50,000
CON								1,003,156	1,003,156
<b>Total</b>	<b>737,000</b>				<b>50,000</b>			<b>1,003,156</b>	<b>1,790,156</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		652,466			44,265			888,094	1,584,825
Local Match	84,534								84,534
LSSRP Bond					5,735			115,062	120,797
Local AC	652,466	-652,466							
<b>Total</b>	<b>737,000</b>				<b>50,000</b>			<b>1,003,156</b>	<b>1,790,156</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		652,466							652,466
Local Match	84,534								84,534
LSSRP Bond									
Local AC	652,466	-652,466							
<b>Total</b>	<b>737,000</b>								<b>737,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					44,265				44,265
Local Match									
LSSRP Bond					5,735				5,735
Local AC									
<b>Total</b>					<b>50,000</b>				<b>50,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								888,094	888,094
Local Match									
LSSRP Bond								115,062	115,062
Local AC									
<b>Total</b>								<b>1,003,156</b>	<b>1,003,156</b>

Project #:  

5444(007)
5444(018)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Pinole      4318      BRIDGE NO. 28C0062, SAN PABLO AVE, OVER BNSF RY AND AMTRAK, JUST W/O HERCULES AVE.      Replace existing four-lane bridge with a new four-lane bridge, Chien Wu, 12/24/2015 9:57:52 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	893,000								893,000
R/W					100,000				100,000
CON								15,773,800	15,773,800
<b>Total</b>	<b>893,000</b>				<b>100,000</b>			<b>15,773,800</b>	<b>16,766,800</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	790,573				88,530			13,964,545	14,843,648
Local Match	102,427				11,470			1,809,255	1,923,152
LSSRP Bond									
Local AC									
<b>Total</b>	<b>893,000</b>				<b>100,000</b>			<b>15,773,800</b>	<b>16,766,800</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	790,573								790,573
Local Match	102,427								102,427
LSSRP Bond									
Local AC									
<b>Total</b>	<b>893,000</b>								<b>893,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					88,530				88,530
Local Match					11,470				11,470
LSSRP Bond									
Local AC									
<b>Total</b>					<b>100,000</b>				<b>100,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								13,964,545	13,964,545
Local Match								1,809,255	1,809,255
LSSRP Bond									
Local AC									
<b>Total</b>								<b>15,773,800</b>	<b>15,773,800</b>

Project #: 5126(015)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Pittsburg      2061      BRIDGE NO. 28C0165, NORTH PARKSIDE DR, OVER WILLOW PASS ROAD, OVER WILLOW PASS RD.. LSSRP Seismic Retrofit and Bridge Preventive Maintenance work.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	229,200								229,200
R/W									
CON	339,503	168,382							507,885
<b>Total</b>	<b>568,703</b>	<b>168,382</b>							<b>737,085</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	503,473	149,069							652,541
Local Match	32,541	5,903							38,444
LSSRP Bond	32,690	13,411							46,100
Local AC									
<b>Total</b>	<b>568,703</b>	<b>168,382</b>							<b>737,085</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	202,911								202,911
Local Match	26,289								26,289
LSSRP Bond									
Local AC									
<b>Total</b>	<b>229,200</b>								<b>229,200</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	300,562	149,069							449,631
Local Match	6,251	5,903							12,154
LSSRP Bond	32,690	13,411							46,100
Local AC									
<b>Total</b>	<b>339,503</b>	<b>168,382</b>							<b>507,885</b>

**Project #:**  

5127(005)
5127(024)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Pleasant Hill      4336      BRIDGE NO. PM00141, Bridge Preventive Maintenance Program (BPMP) various bridges in the City of Pleasant Hill. See Caltrans Local Assistance HBP website for backup list of projects.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	60,000								60,000
R/W									
CON		166,800							166,800
<b>Total</b>	<b>60,000</b>	<b>166,800</b>							<b>226,800</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	53,118		147,668						200,786
Local Match	6,882	19,132							26,014
LSSRP Bond									
Local AC		147,668	-147,668						
<b>Total</b>	<b>60,000</b>	<b>166,800</b>							<b>226,800</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	53,118								53,118
Local Match	6,882								6,882
LSSRP Bond									
Local AC									
<b>Total</b>	<b>60,000</b>								<b>60,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			147,668						147,668
Local Match		19,132							19,132
LSSRP Bond									
Local AC		147,668	-147,668						
<b>Total</b>		<b>166,800</b>							<b>166,800</b>

Project #: 5375(033)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Richmond      4057      BRIDGE NO. PM00093, Bridge Preventive Maintenance Program (BPMP) various bridges in the City of Richmond. See Caltrans Local Assistance HBP website for backup list of projects.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			50,000						50,000
R/W									
CON								2,100,000	2,100,000
<b>Total</b>			50,000					2,100,000	2,150,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			44,265					1,859,130	1,903,395
Local Match			5,735					240,870	246,605
LSSRP Bond									
Local AC									
<b>Total</b>			50,000					2,100,000	2,150,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			44,265						44,265
Local Match			5,735						5,735
LSSRP Bond									
Local AC									
<b>Total</b>			50,000						50,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,859,130	1,859,130
Local Match								240,870	240,870
LSSRP Bond									
Local AC									
<b>Total</b>								2,100,000	2,100,000

Project #: 5137(046)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Contra Costa

Responsible Agency HBP-ID Project Description

San Pablo 4337 BRIDGE NO. 28C0057, SAN PABLO AVE OVER SAN PABLO CREEK, AT ROAD 20. Replace existing 6-lane bridge with a new 6-lane bridge, Chien Wu, 3/3/2016 10:07:10 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			940,000						940,000
R/W								200,000	200,000
CON								8,312,920	8,312,920
Total			940,000					8,512,920	9,452,920
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			832,182					7,536,488	8,368,670
Local Match			107,818					976,432	1,084,250
LSSRP Bond									
Local AC									
Total			940,000					8,512,920	9,452,920
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			832,182						832,182
Local Match			107,818						107,818
LSSRP Bond									
Local AC									
Total			940,000						940,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								177,060	177,060
Local Match								22,940	22,940
LSSRP Bond									
Local AC									
Total								200,000	200,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								7,359,428	7,359,428
Local Match								953,492	953,492
LSSRP Bond									
Local AC									
Total								8,312,920	8,312,920

Project #: 5303(021)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

San Pablo      4353      BRIDGE NO. 28C0326, GIANT HWY OVER SAN PABLO CREEK, AT PARR BLVD. Preventive maintenance to include deck methacrylate and joint replacement work, Chien Wu, 3/22/2016 10:16:46 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	50,000								50,000
R/W									
CON								389,620	389,620
Total	50,000							389,620	439,620
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	44,265							344,931	389,196
Local Match	5,735							44,689	50,424
LSSRP Bond									
Local AC									
Total	50,000							389,620	439,620
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	44,265								44,265
Local Match	5,735								5,735
LSSRP Bond									
Local AC									
Total	50,000								50,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								344,931	344,931
Local Match								44,689	44,689
LSSRP Bond									
Local AC									
Total								389,620	389,620

Project #: 5303(019)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Walnut Creek      4233      BRIDGE NO. 28C0052, BANCROFT RD, OVER WALNUT CREEK, 0.1 MI N DAVID ST. Bridge Rehabilitation. Widen existing two-lane bridge to two-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	485,000				440,000				925,000
R/W					100,000				100,000
CON								1,557,403	1,557,403
<b>Total</b>	<b>485,000</b>				<b>540,000</b>			<b>1,557,403</b>	<b>2,582,403</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	429,371				478,062			1,378,769	2,286,201
Local Match	55,630				61,938			178,634	296,202
LSSRP Bond									
Local AC									
<b>Total</b>	<b>485,000</b>				<b>540,000</b>			<b>1,557,403</b>	<b>2,582,403</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	429,371				389,532				818,903
Local Match	55,630				50,468				106,098
LSSRP Bond									
Local AC									
<b>Total</b>	<b>485,000</b>				<b>440,000</b>				<b>925,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					88,530				88,530
Local Match					11,470				11,470
LSSRP Bond									
Local AC									
<b>Total</b>					<b>100,000</b>				<b>100,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,378,769	1,378,769
Local Match								178,634	178,634
LSSRP Bond									
Local AC									
<b>Total</b>								<b>1,557,403</b>	<b>1,557,403</b>

Project #: 5225(027)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Contra Costa

Responsible Agency      HBP-ID      Project Description

Walnut Creek      4234      BRIDGE NO. 28C0075, SOUTH MAIN ST, OVER LAS TRAMPAS CREEK, 0.1 MI S OLYMPIC BLVD.      Replace existing 5-lane bridge with a new 5-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	615,000				1,200,000				1,815,000
R/W					750,000				750,000
CON								11,222,000	11,222,000
Total	615,000				1,950,000			11,222,000	13,787,000

Project #:

5225(026)

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	544,460				1,726,335			9,934,837	12,205,631
Local Match	70,541				223,665			1,287,163	1,581,369
LSSRP Bond									
Local AC									
Total	615,000				1,950,000			11,222,000	13,787,000

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	544,460				1,062,360				1,606,820
Local Match	70,541				137,640				208,181
LSSRP Bond									
Local AC									
Total	615,000				1,200,000				1,815,000

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					663,975				663,975
Local Match					86,025				86,025
LSSRP Bond									
Local AC									
Total					750,000				750,000

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								9,934,837	9,934,837
Local Match								1,287,163	1,287,163
LSSRP Bond									
Local AC									
Total								11,222,000	11,222,000

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Fairfax 662 BRIDGE NO. 27C0008, MEADOW WAY, OVER SAN ANSELMO CREEK, IN FAIRFAX. Replace FO 1 lane timber bridge with wider 1 lane bridge. 4/5/2010: Toll Credits programmed for Con. 3/8/2019: Toll credits used for R/W.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	932,238	105,562	619,800						1,657,600
R/W			216,100						216,100
CON								4,585,000	4,585,000
Total	932,238	105,562	835,900					4,585,000	6,458,700
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	825,310	93,454	764,809					4,585,000	6,268,573
Local Match	106,928	12,108	71,091						190,127
LSSRP Bond									
Local AC									
Total	932,238	105,562	835,900					4,585,000	6,458,700
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	825,310	93,454	548,709						1,467,473
Local Match	106,928	12,108	71,091						190,127
LSSRP Bond									
Local AC									
Total	932,238	105,562	619,800						1,657,600
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			216,100						216,100
Local Match									
LSSRP Bond									
Local AC									
Total			216,100						216,100
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,585,000	4,585,000
Local Match									
LSSRP Bond									
Local AC									
Total								4,585,000	4,585,000

Project #: 5277(025)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Fairfax 4062 BRIDGE NO. 27C0142, AZALEA AVE OVER FAIRFAX CREEK, IN FAIRFAX. Replace existing 2-lane bridge with new 2-lane bridge.  
3/6/2013: Toll credits used for PE. Toll credits used for CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	854,121				350,000				1,204,121
R/W					200,000				200,000
CON								4,000,000	4,000,000
Total	854,121				550,000			4,000,000	5,404,121
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	854,121				527,060			4,000,000	5,381,181
Local Match					22,940				22,940
LSSRP Bond									
Local AC									
Total	854,121				550,000			4,000,000	5,404,121
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	854,121				350,000				1,204,121
Local Match									
LSSRP Bond									
Local AC									
Total	854,121				350,000				1,204,121
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					177,060				177,060
Local Match					22,940				22,940
LSSRP Bond									
Local AC									
Total					200,000				200,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,000,000	4,000,000
Local Match									
LSSRP Bond									
Local AC									
Total								4,000,000	4,000,000

Project #: 5277(028)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Fairfax 2052 BRIDGE NO. 27C0144, CREEK ROAD, OVER SAN ANSELMO CREEK, IN FAIRFAX. LSSRP Seismic Retrofit 7/8/2013 and Preventive Maintenance: Toll credits used for PE. 12/3/2014: Toll credits used for R/W and CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	795,994				336,156				1,132,150
R/W					13,000				13,000
CON								1,594,600	1,594,600
Total	795,994				349,156			1,594,600	2,739,750
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	795,994				349,156			1,594,600	2,739,750
Local Match									
LSSRP Bond									
Local AC									
Total	795,994				349,156			1,594,600	2,739,750
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	795,994				336,156				1,132,150
Local Match									
LSSRP Bond									
Local AC									
Total	795,994				336,156				1,132,150
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					13,000				13,000
Local Match									
LSSRP Bond									
Local AC									
Total					13,000				13,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,594,600	1,594,600
Local Match									
LSSRP Bond									
Local AC									
Total								1,594,600	1,594,600

Project #:

5277(027)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Fairfax 4019 BRIDGE NO. PM00083, Bridge Preventive Maintenance Program (BPMP) various bridges in the Town of Fairfax. See Caltrans Local Assistance HBP website for backup list of projects.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	425,420				366,108				791,528
R/W					12,500				12,500
CON								625,086	625,086
<b>Total</b>	<b>425,420</b>				<b>378,608</b>			<b>625,086</b>	<b>1,429,114</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	376,624				335,182			553,389	1,265,195
Local Match	48,796				43,426			71,697	163,919
LSSRP Bond									
Local AC									
<b>Total</b>	<b>425,420</b>				<b>378,608</b>			<b>625,086</b>	<b>1,429,114</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	376,624				324,115				700,740
Local Match	48,796				41,993				90,788
LSSRP Bond									
Local AC									
<b>Total</b>	<b>425,420</b>				<b>366,108</b>				<b>791,528</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					11,066				11,066
Local Match					1,434				1,434
LSSRP Bond									
Local AC									
<b>Total</b>					<b>12,500</b>				<b>12,500</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								553,389	553,389
Local Match								71,697	71,697
LSSRP Bond									
Local AC									
<b>Total</b>								<b>625,086</b>	<b>625,086</b>

Project #: 5277(026)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Larkspur 1480 BRIDGE NO. 27C0028, BON AIR RD, OVER CORTE MADERA CREEK, .5 MI SW SR FRANCIS DRK B. Replace 2 lane bridge with new 2 lane bridge with class 1 bikeway.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	4,485,000		200,000						4,685,000
R/W									
CON	36,708,750								36,708,750
<b>Total</b>	<b>41,193,750</b>		<b>200,000</b>						<b>41,393,750</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	12,219,675	6,609,474	8,791,675	8,625,433					36,246,256
Local Match	5,107,494		40,000						5,147,494
LSSRP Bond									
Local AC	23,866,581	-6,609,474	-8,631,675	-8,625,433					
<b>Total</b>	<b>41,193,750</b>		<b>200,000</b>						<b>41,393,750</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	3,588,000		160,000						3,748,000
Local Match	897,000		40,000						937,000
LSSRP Bond									
Local AC									
<b>Total</b>	<b>4,485,000</b>		<b>200,000</b>						<b>4,685,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	8,631,675	6,609,474	8,631,675	8,625,433					32,498,256
Local Match	4,210,494								4,210,494
LSSRP Bond									
Local AC	23,866,581	-6,609,474	-8,631,675	-8,625,433					
<b>Total</b>	<b>36,708,750</b>								<b>36,708,750</b>

Project #:  

5166(015)
5166(025)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Marin County 4558 BRIDGE NO. 27C0016, LUCAS VALLEY ROAD OVER MILLER CREEK, 1.8 MI N OF SR 101. Replace existing 2-lane bridge with 2-lane bridge.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				1,347,500					1,347,500
R/W									
CON								7,546,000	7,546,000
Total				1,347,500				7,546,000	8,893,500
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				1,192,942				6,680,474	7,873,416
Local Match				154,558				865,526	1,020,084
LSSRP Bond									
Local AC									
Total				1,347,500				7,546,000	8,893,500
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				1,192,942					1,192,942
Local Match				154,558					154,558
LSSRP Bond									
Local AC									
Total				1,347,500					1,347,500
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								6,680,474	6,680,474
Local Match								865,526	865,526
LSSRP Bond									
Local AC									
Total								7,546,000	7,546,000

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Marin County 3891 BRIDGE NO. 27C0051, SAN ANTONIO RD OVER SOUTH SAN ANTONIO CREEK, 0.6 MI N OF S.H. 101. Replace existing two lane bridge with two lane bridge. 1/3/2012: Toll Credits programmed for PE, R/W & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	821,000				389,710				1,210,710
R/W				448,500					448,500
CON								6,539,155	6,539,155
Total	821,000			448,500	389,710			6,539,155	8,198,365
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	821,000			448,500	389,710			6,539,155	8,198,365
Local Match									
LSSRP Bond									
Local AC									
Total	821,000			448,500	389,710			6,539,155	8,198,365
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	821,000				389,710				1,210,710
Local Match									
LSSRP Bond									
Local AC									
Total	821,000				389,710				1,210,710
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				448,500					448,500
Local Match									
LSSRP Bond									
Local AC									
Total				448,500					448,500
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								6,539,155	6,539,155
Local Match									
LSSRP Bond									
Local AC									
Total								6,539,155	6,539,155

Project #:

5927(104)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Marin County 3998 BRIDGE NO. 27C0098, NICASIO VAL RD, OVER ARROYO NICASIO, NEAR LUCAS VALLEY RD. Replace existing two-lane bridge with new two-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	556,300				227,450				783,750
R/W					225,000				225,000
CON								4,389,000	4,389,000
Total	556,300				452,450			4,389,000	5,397,750
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	492,492				400,554			3,885,582	4,778,628
Local Match	63,808				51,896			503,418	619,122
LSSRP Bond									
Local AC									
Total	556,300				452,450			4,389,000	5,397,750
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	492,492				201,361				693,854
Local Match	63,808				26,089				89,896
LSSRP Bond									
Local AC									
Total	556,300				227,450				783,750
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					199,193				199,193
Local Match					25,808				25,808
LSSRP Bond									
Local AC									
Total					225,000				225,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,885,582	3,885,582
Local Match								503,418	503,418
LSSRP Bond									
Local AC									
Total								4,389,000	4,389,000

Project #: 5927(097)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Marin County 3996 BRIDGE NO. 27C0104, SIR FRANCIS DRAKE OVER OLEMA CREEK, 0.32 MI W SH 1. Replace existing two-lane bridge with new two-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	610,000								610,000
R/W					250,000				250,000
CON								2,618,000	2,618,000
Total	610,000				250,000			2,618,000	3,478,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	540,033				221,325			2,317,715	3,079,073
Local Match	69,967				28,675			300,285	398,927
LSSRP Bond									
Local AC									
Total	610,000				250,000			2,618,000	3,478,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	540,033								540,033
Local Match	69,967								69,967
LSSRP Bond									
Local AC									
Total	610,000								610,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					221,325				221,325
Local Match					28,675				28,675
LSSRP Bond									
Local AC									
Total					250,000				250,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								2,317,715	2,317,715
Local Match								300,285	300,285
LSSRP Bond									
Local AC									
Total								2,618,000	2,618,000

Project #:

5927(099)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Marin County 3995 BRIDGE NO. 27C0107, MUIR WOODS RD OVER REDWOOD CREEK, 2.0 MI N OF SR 1. Replace existing two-lane bridge with new two-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	496,079	182,921							679,000
R/W					159,485				159,485
CON								1,974,500	1,974,500
<b>Total</b>	<b>496,079</b>	<b>182,921</b>			<b>159,485</b>			<b>1,974,500</b>	<b>2,812,985</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	439,179	161,940			141,192			1,748,025	2,490,336
Local Match	56,900	20,981			18,293			226,475	322,649
LSSRP Bond									
Local AC									
<b>Total</b>	<b>496,079</b>	<b>182,921</b>			<b>159,485</b>			<b>1,974,500</b>	<b>2,812,985</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	439,179	161,940							601,119
Local Match	56,900	20,981							77,881
LSSRP Bond									
Local AC									
<b>Total</b>	<b>496,079</b>	<b>182,921</b>							<b>679,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					141,192				141,192
Local Match					18,293				18,293
LSSRP Bond									
Local AC									
<b>Total</b>					<b>159,485</b>				<b>159,485</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,748,025	1,748,025
Local Match								226,475	226,475
LSSRP Bond									
Local AC									
<b>Total</b>								<b>1,974,500</b>	<b>1,974,500</b>

Project #: 5927(098)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Marin County 4557 BRIDGE NO. 27C0111, MARSHALL PETALUMA RD, OVER SALMON CREEK, 3.0MI W OF HICKSVALLEY RD. Replace existing 2-lane bridge with a 2-lane bridge.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				503,250					503,250
R/W									
CON								2,818,200	2,818,200
Total				503,250				2,818,200	3,321,450
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				445,527				2,494,952	2,940,480
Local Match				57,723				323,248	380,970
LSSRP Bond									
Local AC									
Total				503,250				2,818,200	3,321,450
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				445,527					445,527
Local Match				57,723					57,723
LSSRP Bond									
Local AC									
Total				503,250					503,250
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								2,494,952	2,494,952
Local Match								323,248	323,248
LSSRP Bond									
Local AC									
Total								2,818,200	2,818,200

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Marin County 3892 BRIDGE NO. 27C0135, MOUNT LASSEN DR OVER MILLER CREEK, 0.06 MI N LUCAS VALLEY RD. Bridge Preventive Maintenance Program project to correct soil erosion. 1/4/2012: Toll Credits programmed for PE & CON. 9/28/2015: Toll credits used for R/W.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	350,000								350,000
R/W					81,252				81,252
CON								354,200	354,200
<b>Total</b>	<b>350,000</b>				<b>81,252</b>			<b>354,200</b>	<b>785,452</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	350,000				81,252			354,200	785,452
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>350,000</b>				<b>81,252</b>			<b>354,200</b>	<b>785,452</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	350,000								350,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>350,000</b>								<b>350,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					81,252				81,252
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>81,252</b>				<b>81,252</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								354,200	354,200
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>354,200</b>	<b>354,200</b>

Project #:

5927(100)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Novato 3524 BRIDGE NO. 27C0021, GRANT AVE OVER NOVATO CREEK, IN NOVATO. Bridge rehabilitation no additional lanes added.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	705,424								705,424
R/W									
CON							3,568,320		3,568,320
<b>Total</b>	<b>705,424</b>						<b>3,568,320</b>		<b>4,273,744</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	624,512						3,159,034		3,783,546
Local Match	80,912						409,286		490,198
LSSRP Bond									
Local AC									
<b>Total</b>	<b>705,424</b>						<b>3,568,320</b>		<b>4,273,744</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	624,512								624,512
Local Match	80,912								80,912
LSSRP Bond									
Local AC									
<b>Total</b>	<b>705,424</b>								<b>705,424</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							3,159,034		3,159,034
Local Match							409,286		409,286
LSSRP Bond									
Local AC									
<b>Total</b>							<b>3,568,320</b>		<b>3,568,320</b>

Project #: 5361(023)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

Ross 3997 BRIDGE NO. 27C0074, WINSHIP ROAD OVER CORTE MADERA CREEK, IN THE CITY OF ROSS. Replace existing two-lane bridge with new two-lane bridge. 3/25/2014: Toll credits used for PE, R/W and CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	655,700				100,000				755,700
R/W					60,000				60,000
CON								1,613,640	1,613,640
<b>Total</b>	<b>655,700</b>				<b>160,000</b>			<b>1,613,640</b>	<b>2,429,340</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	655,700				160,000			1,613,640	2,429,340
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>655,700</b>				<b>160,000</b>			<b>1,613,640</b>	<b>2,429,340</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	655,700				100,000				755,700
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>655,700</b>				<b>100,000</b>				<b>755,700</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					60,000				60,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>60,000</b>				<b>60,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,613,640	1,613,640
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>1,613,640</b>	<b>1,613,640</b>

Project #: 5176(008)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

San Anselmo 3906 BRIDGE NO. 27C0080, MADRONE AVE OVER SAN ANSELMO CR, IN SAN ANSELMO. Bridge replacement. Replace existing two lane bridge with two lane bridge widened to accommodate standard lanes, shoulders and sidewalks.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	664,000				583,500				1,247,500
R/W					724,900				724,900
CON								5,756,800	5,756,800
Total	664,000				1,308,400			5,756,800	7,729,200
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	587,839				1,158,327			5,096,495	6,842,661
Local Match	76,161				150,073			660,305	886,539
LSSRP Bond									
Local AC									
Total	664,000				1,308,400			5,756,800	7,729,200
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	587,839				516,573				1,104,412
Local Match	76,161				66,927				143,088
LSSRP Bond									
Local AC									
Total	664,000				583,500				1,247,500
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					641,754				641,754
Local Match					83,146				83,146
LSSRP Bond									
Local AC									
Total					724,900				724,900
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,096,495	5,096,495
Local Match								660,305	660,305
LSSRP Bond									
Local AC									
Total								5,756,800	5,756,800

Project #:

5159(018)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

San Anselmo 4640 BRIDGE NO. 27C0100, BRIDGE AVE OVER SAN ANSELMO CREEK, 80M SW OF SIR FRANCIS DRK. Replace 2-lane bridge with 2-lane bridge.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				833,600					833,600
R/W									
CON								4,760,000	4,760,000
Total				833,600				4,760,000	5,593,600
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				737,986				4,214,028	4,952,014
Local Match				95,614				545,972	641,586
LSSRP Bond									
Local AC									
Total				833,600				4,760,000	5,593,600
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				737,986					737,986
Local Match				95,614					95,614
LSSRP Bond									
Local AC									
Total				833,600					833,600
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,214,028	4,214,028
Local Match								545,972	545,972
LSSRP Bond									
Local AC									
Total								4,760,000	4,760,000

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

San Anselmo 3905 BRIDGE NO. 27C0153, NOKOMIS AVE OVER SAN ANSELMO CREEK, 300 N MADRONE AVE. Bridge Replacement. Replace existing two lane bridge with two lane bridge to accommodate standard lanes, shoulders and sidewalks. 2/15/2012: Toll Credits programmed for PE & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	670,000				545,600				1,215,600
R/W					682,400				682,400
CON								5,553,800	5,553,800
<b>Total</b>	<b>670,000</b>				<b>1,228,000</b>			<b>5,553,800</b>	<b>7,451,800</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	670,000				1,149,729			5,553,800	7,373,529
Local Match					78,271				78,271
LSSRP Bond									
Local AC									
<b>Total</b>	<b>670,000</b>				<b>1,228,000</b>			<b>5,553,800</b>	<b>7,451,800</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	670,000				545,600				1,215,600
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>670,000</b>				<b>545,600</b>				<b>1,215,600</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					604,129				604,129
Local Match					78,271				78,271
LSSRP Bond									
Local AC									
<b>Total</b>					<b>682,400</b>				<b>682,400</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,553,800	5,553,800
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>5,553,800</b>	<b>5,553,800</b>

Project #:

5159(017)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

San Anselmo 4044 BRIDGE NO. PM00090, Bridge Preventive Maintenance Program (BPMP) various bridges in the Town of San Anselmo. See Caltrans Local Assistance HBP website for backup list of projects.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	637,426								637,426
R/W									
CON								1,136,441	1,136,441
Total	637,426							1,136,441	1,773,867
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	564,313							1,006,091	1,570,404
Local Match	73,113	-0						130,350	203,463
LSSRP Bond									
Local AC									
Total	637,426							1,136,441	1,773,867
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	564,313								564,313
Local Match	73,113								73,113
LSSRP Bond									
Local AC									
Total	637,426								637,426
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,006,091	1,006,091
Local Match		-0						130,350	130,350
LSSRP Bond									
Local AC									
Total								1,136,441	1,136,441

Project #: 5159(022)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Marin

Responsible Agency HBP-ID Project Description

San Rafael 4272 BRIDGE NO. 27C0148, SOUTHRN HEIGHTS BL, OVER HILLSIDE, JCT MEYER RD IN SAN RAFAEL. Replace existing one-lane bridge with a new one-lane bridge. 3/4/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	495,000	105,000							600,000
R/W	180,000	45,000	125,000						350,000
CON				4,185,000					4,185,000
<b>Total</b>	<b>675,000</b>	<b>150,000</b>	<b>125,000</b>	<b>4,185,000</b>					<b>5,135,000</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	675,000	150,000	125,000	4,185,000					5,135,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>675,000</b>	<b>150,000</b>	<b>125,000</b>	<b>4,185,000</b>					<b>5,135,000</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	495,000	105,000							600,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>495,000</b>	<b>105,000</b>							<b>600,000</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	180,000	45,000	125,000						350,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>180,000</b>	<b>45,000</b>	<b>125,000</b>						<b>350,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				4,185,000					4,185,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>				<b>4,185,000</b>					<b>4,185,000</b>

Project #: 5043(038)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Napa

Responsible Agency      HBP-ID      Project Description

Calistoga      3986      BRIDGE NO. 21C0115, BERRY ST OVER NAPA RIVER, CALISTOGA. Replace two-lane bridge with new two-lane bridge. 9/26/2012: Toll Credits programmed for PE & CON. 9/27/2012: Toll credits used for R/W.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	544,000		50,614						594,614
R/W	364,000								364,000
CON	4,918,402		245,392						5,163,794
<b>Total</b>	<b>5,826,402</b>		<b>296,006</b>						<b>6,122,408</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	5,826,402		296,006						6,122,408
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>5,826,402</b>		<b>296,006</b>						<b>6,122,408</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	544,000		50,614						594,614
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>544,000</b>		<b>50,614</b>						<b>594,614</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	364,000								364,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>364,000</b>								<b>364,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	4,918,402		245,392						5,163,794
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>4,918,402</b>		<b>245,392</b>						<b>5,163,794</b>

Project #:

5061(007)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Napa

Responsible Agency HBP-ID Project Description

Napa 4210 BRIDGE NO. PM00111, Bridge Preventive Maintenance Program (BPMP) for various bridges in the City of Napa. See Caltrans Local Assistance HBP website for backup list of projects.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	40,375								40,375
R/W									
CON		510,221	13,926						524,147
<b>Total</b>	<b>40,375</b>	<b>510,221</b>	<b>13,926</b>						<b>564,522</b>
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	35,744	451,699	12,329						499,771
Local Match	4,631	58,522	1,597						64,751
LSSRP Bond									
Local AC									
<b>Total</b>	<b>40,375</b>	<b>510,221</b>	<b>13,926</b>						<b>564,522</b>
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	35,744								35,744
Local Match	4,631								4,631
LSSRP Bond									
Local AC									
<b>Total</b>	<b>40,375</b>								<b>40,375</b>
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		451,699	12,329						464,027
Local Match		58,522	1,597						60,120
LSSRP Bond									
Local AC									
<b>Total</b>		<b>510,221</b>	<b>13,926</b>						<b>524,147</b>

Project #: 5042(059)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Napa

Responsible Agency HBP-ID Project Description

Napa County 4239 BRIDGE NO. 21C0042, GREENWOOD AVE, OVER GARNETT CREEK, .2 MI NE/O MYRTLEDALE RD. Replace existing one-lane bridge with new two-lane bridge. Toll credits used for PE. Toll credits used for CON. 9/28/2015: Toll credits used for R/W. This is not a capacity enhancing project, changed to lump sum programming.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,142,282								1,142,282
R/W					200,000				200,000
CON							5,778,920		5,778,920
<b>Total</b>	<b>1,142,282</b>				<b>200,000</b>		<b>5,778,920</b>		<b>7,121,202</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,142,282				200,000		5,778,920		7,121,202
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,142,282</b>				<b>200,000</b>		<b>5,778,920</b>		<b>7,121,202</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,142,282								1,142,282
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,142,282</b>								<b>1,142,282</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					200,000				200,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>200,000</b>				<b>200,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							5,778,920		5,778,920
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>							<b>5,778,920</b>		<b>5,778,920</b>

Project #: 5921(068)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Napa

Responsible Agency HBP-ID Project Description

Napa County 4063 BRIDGE NO. 21C0056, DRY CR RD OVER DRY CREEK, 0.8 MI W MT VEEDER RD. Replace existing 2-lane bridge with new 2-lane bridge plus realignment of roadway. 3/6/2013: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	899,260								899,260
R/W					400,000				400,000
CON								4,762,380	4,762,380
Total	899,260				400,000			4,762,380	6,061,640
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	899,260				400,000			4,762,380	6,061,640
Local Match									
LSSRP Bond									
Local AC									
Total	899,260				400,000			4,762,380	6,061,640
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	899,260								899,260
Local Match									
LSSRP Bond									
Local AC									
Total	899,260								899,260
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					400,000				400,000
Local Match									
LSSRP Bond									
Local AC									
Total					400,000				400,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,762,380	4,762,380
Local Match									
LSSRP Bond									
Local AC									
Total								4,762,380	4,762,380

Project #: 5921(061)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Napa

Responsible Agency HBP-ID Project Description

Napa County 4066 BRIDGE NO. 21C0074, BERRYESSA-KNOXVILLE OVER ETICUERA CREEK, 7.8 MI N/O POPE CYN ROAD. Replace existing 2-lane bridge with new 2-lane bridge. 3/6/2013: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				900,000					900,000
R/W								200,000	200,000
CON								5,000,000	5,000,000
<b>Total</b>				900,000				5,200,000	6,100,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				900,000				5,200,000	6,100,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>				900,000				5,200,000	6,100,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				900,000					900,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>				900,000					900,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								200,000	200,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								200,000	200,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,000,000	5,000,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								5,000,000	5,000,000

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Napa

Responsible Agency HBP-ID Project Description

Napa County 4068 BRIDGE NO. 21C0075, CHILES-POPE VLY RD OVER CHILES CREEK, 2.1 MI N OF S.R. 128. Replace existing 2-lane bridge with new 2-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	842,260								842,260
R/W					150,000				150,000
CON								4,477,000	4,477,000
<b>Total</b>	<b>842,260</b>				<b>150,000</b>			<b>4,477,000</b>	<b>5,469,260</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	745,653				132,795			3,963,488	4,841,936
Local Match	96,607				17,205			513,512	627,324
LSSRP Bond									
Local AC									
<b>Total</b>	<b>842,260</b>				<b>150,000</b>			<b>4,477,000</b>	<b>5,469,260</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	745,653								745,653
Local Match	96,607								96,607
LSSRP Bond									
Local AC									
<b>Total</b>	<b>842,260</b>								<b>842,260</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					132,795				132,795
Local Match					17,205				17,205
LSSRP Bond									
Local AC									
<b>Total</b>					<b>150,000</b>				<b>150,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,963,488	3,963,488
Local Match								513,512	513,512
LSSRP Bond									
Local AC									
<b>Total</b>								<b>4,477,000</b>	<b>4,477,000</b>

Project #:  

5921(060)
5921(074)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Napa

Responsible Agency HBP-ID Project Description

Napa County 4067 BRIDGE NO. 21C0077, CONN VALLEY RD OVER CONN CREEK, 4.1 MI E SILVERADO TRAIL. Replace existing 2-lane bridge with new 2-lane bridge. 3/6/2013: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				900,000					900,000
R/W								200,000	200,000
CON								5,000,000	5,000,000
<b>Total</b>				<b>900,000</b>				<b>5,200,000</b>	<b>6,100,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				900,000				5,200,000	6,100,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>				<b>900,000</b>				<b>5,200,000</b>	<b>6,100,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				900,000					900,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>				<b>900,000</b>					<b>900,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								200,000	200,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>200,000</b>	<b>200,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,000,000	5,000,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>5,000,000</b>	<b>5,000,000</b>

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Napa

Responsible Agency HBP-ID Project Description

Napa County 4064 BRIDGE NO. 21C0088, SODA CYN RD OVER SODA CREEK, 3.1 MI N SILVERADO TRAIL. Replace existing 2-lane bridge with new 2-lane bridge. 3/6/2013: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				900,000					900,000
R/W								200,000	200,000
CON								5,000,000	5,000,000
<b>Total</b>				900,000				5,200,000	6,100,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				900,000				5,200,000	6,100,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>				900,000				5,200,000	6,100,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				900,000					900,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>				900,000					900,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								200,000	200,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								200,000	200,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,000,000	5,000,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								5,000,000	5,000,000

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Francisco

Responsible Agency HBP-ID Project Description

San Francisco 4004 BRIDGE NO. 34C0024, THIRD STREET OVER ISLAIS CREEK, JUST N/O CARGO WAY. Rehabilitate bridge. No added lane capacity. (High Cost Project agreement required)

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	5,400,000	1,000,000			1,600,000				8,000,000
R/W									
CON			84,000,000						84,000,000
Total	5,400,000	1,000,000	84,000,000		1,600,000				92,000,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	4,780,620	885,300			1,416,480			74,365,200	81,447,600
Local Match	619,380	114,700	9,634,800		183,520				10,552,400
LSSRP Bond									
Local AC			74,365,200					-74,365,200	
Total	5,400,000	1,000,000	84,000,000		1,600,000				92,000,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	4,780,620	885,300			1,416,480				7,082,400
Local Match	619,380	114,700			183,520				917,600
LSSRP Bond									
Local AC									
Total	5,400,000	1,000,000			1,600,000				8,000,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								74,365,200	74,365,200
Local Match			9,634,800						9,634,800
LSSRP Bond									
Local AC			74,365,200					-74,365,200	
Total			84,000,000						84,000,000

Project #: 5934(168)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Francisco

Responsible Agency HBP-ID Project Description

San Francisco County 4282 BRIDGE NO. 34C0025, THIRD ST OVER CHINA BASIN, S OF BERRY ST. Rehabilitate existing bridge, Work includes rehabilitating bridge deck and corroded members, painting, counterweight and fender pile repairs. (No added lane capacity). High Cost Project agreement needed for this project for construction to be moved into the FTIP.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	4,823,125								4,823,125
R/W	350,000								350,000
CON	31,040,890								31,040,890
<b>Total</b>	<b>36,214,015</b>								<b>36,214,015</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	16,744,445		15,315,823						32,060,267
Local Match	4,153,748								4,153,748
LSSRP Bond									
Local AC	15,315,823		-15,315,823						
<b>Total</b>	<b>36,214,015</b>								<b>36,214,015</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	4,269,913								4,269,913
Local Match	553,212								553,212
LSSRP Bond									
Local AC									
<b>Total</b>	<b>4,823,125</b>								<b>4,823,125</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	309,855								309,855
Local Match	40,145								40,145
LSSRP Bond									
Local AC									
<b>Total</b>	<b>350,000</b>								<b>350,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	12,164,677		15,315,823						27,480,500
Local Match	3,560,390								3,560,390
LSSRP Bond									
Local AC	15,315,823		-15,315,823						
<b>Total</b>	<b>31,040,890</b>								<b>31,040,890</b>

Project #: 5934(177)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Department of Parks and Recreation 4628 BRIDGE NO. PM00190, Bridge Preventive Maintenance Program (BPMP) various bridges in District 4. See Caltrans Local Assistance HBP website for backup list of projects.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE					232,000				232,000
R/W									
CON								694,908	694,908
Total					232,000			694,908	926,908
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					205,390			615,202	820,592
Local Match					26,610			79,706	106,316
LSSRP Bond									
Local AC									
Total					232,000			694,908	926,908
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					205,390				205,390
Local Match					26,610				26,610
LSSRP Bond									
Local AC									
Total					232,000				232,000
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								615,202	615,202
Local Match								79,706	79,706
LSSRP Bond									
Local AC									
Total								694,908	694,908

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Half Moon Bay 4501 BRIDGE NO. 35C0025, MAIN ST OVER PILARCITOS CREEK, 0.25 MI S/O S.H. 92. Rehabilitate existing historic bridge. No added capacity.  
Chien Wu, 10/12/2016 9:30:31 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,291,000								1,291,000
R/W					5,000				5,000
CON							7,230,579		7,230,579
Total	1,291,000				5,000		7,230,579		8,526,579
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,142,922				4,427		6,401,232		7,548,580
Local Match	148,078				574		829,347		977,999
LSSRP Bond									
Local AC									
Total	1,291,000				5,000		7,230,579		8,526,579
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,142,922								1,142,922
Local Match	148,078								148,078
LSSRP Bond									
Local AC									
Total	1,291,000								1,291,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					4,427				4,427
Local Match					574				574
LSSRP Bond									
Local AC									
Total					5,000				5,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							6,401,232		6,401,232
Local Match							829,347		829,347
LSSRP Bond									
Local AC									
Total							7,230,579		7,230,579

Project #:

5357(010)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Redwood City 3617 BRIDGE NO. 35C0074L, BRIDGE DR PARKWAY OVER MARINE WORLD LAGOON, EAST OF MARINE WORLD PKWY. Preventive Maintenance.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	75,000				20,000				95,000
R/W									
CON				518,000					518,000
Total	75,000			518,000	20,000				613,000
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	66,398			458,585	17,706				542,689
Local Match	8,603			59,415	2,294				70,311
LSSRP Bond									
Local AC									
Total	75,000			518,000	20,000				613,000
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	66,398				17,706				84,104
Local Match	8,603				2,294				10,897
LSSRP Bond									
Local AC									
Total	75,000				20,000				95,000
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				458,585					458,585
Local Match				59,415					59,415
LSSRP Bond									
Local AC									
Total				518,000					518,000

Project #: 5029(024)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Redwood City 3618 BRIDGE NO. 35C0074R, BRIDGE DR PARKWAY OVER MARINE WORLD LAGOON, EAST OF MARINE WORLD PKWY. Preventive Maintenance.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	75,000				20,000				95,000
R/W									
CON				518,000					518,000
<b>Total</b>	<b>75,000</b>			<b>518,000</b>	<b>20,000</b>				<b>613,000</b>
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	66,398			458,585	17,706				542,689
Local Match	8,603			59,415	2,294				70,311
LSSRP Bond									
Local AC									
<b>Total</b>	<b>75,000</b>			<b>518,000</b>	<b>20,000</b>				<b>613,000</b>
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	66,398				17,706				84,104
Local Match	8,603				2,294				10,897
LSSRP Bond									
Local AC									
<b>Total</b>	<b>75,000</b>				<b>20,000</b>				<b>95,000</b>
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				458,585					458,585
Local Match				59,415					59,415
LSSRP Bond									
Local AC									
<b>Total</b>				<b>518,000</b>					<b>518,000</b>

**Project #:**  
5029(025)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Redwood City 4018 BRIDGE NO. PM00082, Bridge Preventive Maintenance Program (BPMP) various bridges in the City of Redwood City. See Caltrans Local Assistance HBP website for backup list of projects.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	26,250								26,250
R/W									
CON								78,750	78,750
<b>Total</b>	<b>26,250</b>							<b>78,750</b>	<b>105,000</b>
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	23,239							69,717	92,957
Local Match	3,011							9,033	12,044
LSSRP Bond									
Local AC									
<b>Total</b>	<b>26,250</b>							<b>78,750</b>	<b>105,000</b>
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	23,239								23,239
Local Match	3,011								3,011
LSSRP Bond									
Local AC									
<b>Total</b>	<b>26,250</b>								<b>26,250</b>
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								69,717	69,717
Local Match								9,033	9,033
LSSRP Bond									
Local AC									
<b>Total</b>								<b>78,750</b>	<b>78,750</b>

Project #: 5029(032)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

San Mateo 3428 BRIDGE NO. 35C0077, BERMUDA DR, OVER FIESTA CHANNEL, SOUTH OF FIESTA DRIVE. Bridge Replacement. Replace existing two-lane bridge with a new two-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,232,539								1,232,539
R/W									
CON								3,670,000	3,670,000
<b>Total</b>	<b>1,232,539</b>							<b>3,670,000</b>	<b>4,902,539</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,091,167							3,249,051	4,340,218
Local Match	141,372							420,949	562,321
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,232,539</b>							<b>3,670,000</b>	<b>4,902,539</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,091,167								1,091,167
Local Match	141,372								141,372
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,232,539</b>								<b>1,232,539</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,249,051	3,249,051
Local Match								420,949	420,949
LSSRP Bond									
Local AC									
<b>Total</b>								<b>3,670,000</b>	<b>3,670,000</b>

Project #:  

5102(033)
5102(049)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

San Mateo County 4469 BRIDGE NO. 35C0041, CLOVERDALE RD OVER BUTANO CREEK, NORTH BUTANO PARK ROAD. Scour countermeasure and treat deck with methacrylate, Chien Wu, 10/4/2016 1:27:52 PM. 5/7/2018: Toll Credits programmed for PE & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE		150,000			75,000				225,000
R/W					50,000				50,000
CON								2,025,000	2,025,000
Total		150,000			125,000			2,025,000	2,300,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		150,000			119,265			2,025,000	2,294,265
Local Match					5,735				5,735
LSSRP Bond									
Local AC									
Total		150,000			125,000			2,025,000	2,300,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		150,000			75,000				225,000
Local Match									
LSSRP Bond									
Local AC									
Total		150,000			75,000				225,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					44,265				44,265
Local Match					5,735				5,735
LSSRP Bond									
Local AC									
Total					50,000				50,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								2,025,000	2,025,000
Local Match									
LSSRP Bond									
Local AC									
Total								2,025,000	2,025,000

Project #: 5935(079)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

San Mateo County 3466 PM00041, Bridge Preventive Maintenance Program, various locations within the County of San Mateo. See Caltrans Local Assistance HBP website for backup list of bridges.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	161,020								161,020
R/W									
CON	712,500							390,920	1,103,420
Total	873,520							390,920	1,264,440
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	773,327							346,081	1,119,409
Local Match	100,193							44,839	145,031
LSSRP Bond									
Local AC									
Total	873,520							390,920	1,264,440
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	142,551								142,551
Local Match	18,469								18,469
LSSRP Bond									
Local AC									
Total	161,020								161,020
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	630,776							346,081	976,858
Local Match	81,724							44,839	126,562
LSSRP Bond									
Local AC									
Total	712,500							390,920	1,103,420

Project #:  

5935(062)
5935(069)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

San Mateo County 3921 BRIDGE NO. PM00067, Bridge Preventive Maintenance Program, various locations in San Mateo County. See Caltrans Local Assistance HBP web site for backup list of bridges.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	119,000								119,000
R/W									
CON								391,000	391,000
Total	119,000							391,000	510,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	105,351							346,152	451,503
Local Match	13,649							44,848	58,497
LSSRP Bond									
Local AC									
Total	119,000							391,000	510,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	105,351								105,351
Local Match	13,649								13,649
LSSRP Bond									
Local AC									
Total	119,000								119,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								346,152	346,152
Local Match								44,848	44,848
LSSRP Bond									
Local AC									
Total								391,000	391,000

Project #: 5935(064)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

South San Francisco 4525 BRIDGE NO. 35C0148L, GRAND AVENUE WB OVER CALTRAIN UPRR INDUSTRIAL, 0.1 MI E OF US 101. Rehabilitate existing bridge. Structural steel painting and deck treatment, (no added capacity).

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE					320,000				320,000
R/W									
CON								4,560,000	4,560,000
Total					320,000			4,560,000	4,880,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					283,296			4,036,968	4,320,264
Local Match					36,704			523,032	559,736
LSSRP Bond									
Local AC									
Total					320,000			4,560,000	4,880,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					283,296				283,296
Local Match					36,704				36,704
LSSRP Bond									
Local AC									
Total					320,000				320,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,036,968	4,036,968
Local Match								523,032	523,032
LSSRP Bond									
Local AC									
Total								4,560,000	4,560,000

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

South San Francisco 4526 BRIDGE NO. 35C0148R, GRAND AVENUE WB OVER CALTRAIN UPRR INDUSTRIAL, 0.1 MI E OF US 101. Rehabilitate existing bridge - Structural steel painting and deck treatment (no added capacity).

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE					320,000				320,000
R/W									
CON								3,960,000	3,960,000
Total					320,000			3,960,000	4,280,000
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					283,296			3,505,788	3,789,084
Local Match					36,704			454,212	490,916
LSSRP Bond									
Local AC									
Total					320,000			3,960,000	4,280,000
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					283,296				283,296
Local Match					36,704				36,704
LSSRP Bond									
Local AC									
Total					320,000				320,000
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,505,788	3,505,788
Local Match								454,212	454,212
LSSRP Bond									
Local AC									
Total								3,960,000	3,960,000

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

South San Francisco 4459 BRIDGE NO. PM00153, Bridge Preventive Maintenance Program (BPMP) various bridges in the City of South San Francisco. See Caltrans Local Assistance HBP website for backup list of projects.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			130,000						130,000
R/W									
CON								389,000	389,000
Total			130,000					389,000	519,000
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			115,089					344,382	459,471
Local Match			14,911					44,618	59,529
LSSRP Bond									
Local AC									
Total			130,000					389,000	519,000
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			115,089						115,089
Local Match			14,911						14,911
LSSRP Bond									
Local AC									
Total			130,000						130,000
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								344,382	344,382
Local Match								44,618	44,618
LSSRP Bond									
Local AC									
Total								389,000	389,000

Project #: 5177(039)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Woodside 3790 BRIDGE NO. 35C0055, PORTOLA RD OVER ALEMBIQUE CR, 0.25 MI E OF SH 84. Replace existing two lane bridge with two lane bridge to accommodate standard lanes and shoulders.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	570,136								570,136
R/W					30,000				30,000
CON								1,105,838	1,105,838
Total	570,136				30,000			1,105,838	1,705,974
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	504,741				26,559			978,998	1,510,299
Local Match	65,395				3,441			126,840	195,675
LSSRP Bond									
Local AC									
Total	570,136				30,000			1,105,838	1,705,974
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	504,741								504,741
Local Match	65,395								65,395
LSSRP Bond									
Local AC									
Total	570,136								570,136
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					26,559				26,559
Local Match					3,441				3,441
LSSRP Bond									
Local AC									
Total					30,000				30,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								978,998	978,998
Local Match								126,840	126,840
LSSRP Bond									
Local AC									
Total								1,105,838	1,105,838

Project #: 5333(012)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Woodside 3793 BRIDGE NO. 35C0122, MOUNTAIN HOME RD OVER BEAR CREEK, 0.3 MI S OF S.H. 84. Rehabilitate bridge, widen to accommodate standard lanes and shoulders. No added lane capacity.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	107,428				200,000				307,428
R/W					25,000				25,000
CON								696,004	696,004
Total	107,428				225,000			696,004	1,028,432
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	95,106				199,193			616,172	910,471
Local Match	12,322				25,808			79,832	117,961
LSSRP Bond									
Local AC									
Total	107,428				225,000			696,004	1,028,432
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	95,106				177,060				272,166
Local Match	12,322				22,940				35,262
LSSRP Bond									
Local AC									
Total	107,428				200,000				307,428
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					22,133				22,133
Local Match					2,868				2,868
LSSRP Bond									
Local AC									
Total					25,000				25,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								616,172	616,172
Local Match								79,832	79,832
LSSRP Bond									
Local AC									
Total								696,004	696,004

Project #: 5333(013)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Woodside 3791 BRIDGE NO. 35C0123, KINGS MOUNTAIN RD OVER WEST UNION CREEK, 0.05 MI E TRIPP RD. Rehabilitate bridge, widen to accommodate standard lanes, shoulders and bike lane. No added lane capacity

Project #:  
5333(014)

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	135,090				200,000				335,090
R/W					25,000				25,000
CON								831,290	831,290
Total	135,090				225,000			831,290	1,191,380

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	119,595				199,193			735,941	1,054,729
Local Match	15,495				25,808			95,349	136,651
LSSRP Bond									
Local AC									
Total	135,090				225,000			831,290	1,191,380

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	119,595				177,060				296,655
Local Match	15,495				22,940				38,435
LSSRP Bond									
Local AC									
Total	135,090				200,000				335,090

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					22,133				22,133
Local Match					2,868				2,868
LSSRP Bond									
Local AC									
Total					25,000				25,000

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								735,941	735,941
Local Match								95,349	95,349
LSSRP Bond									
Local AC									
Total								831,290	831,290



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: San Mateo

Responsible Agency HBP-ID Project Description

Woodside 4291 BRIDGE NO. 35C0190, OLD LA HONDA ROAD OVER DRAINAGE SWALE, 0.1 MI. W. OF PORTOLA RD.  
Bridge rehabilitation. Rehabilitate existing bridge to function as a culvert (no added capacity.)

Project #:  
**5333(017)**

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	305,445								305,445
R/W									
CON			817,700						817,700
Total	305,445		817,700						1,123,145

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	270,410			723,910					994,320
Local Match	35,035		93,790						128,825
LSSRP Bond									
Local AC			723,910	-723,910					
Total	305,445		817,700						1,123,145

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	270,410								270,410
Local Match	35,035								35,035
LSSRP Bond									
Local AC									
Total	305,445								305,445

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$									
Local Match	-0								-0
LSSRP Bond									
Local AC									
Total									-0

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				723,910					723,910
Local Match			93,790						93,790
LSSRP Bond									
Local AC			723,910	-723,910					
Total			817,700						817,700

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Cupertino 4563 BRIDGE NO. 37C0011, STEVENS CR BLVD OVER STEVENS CREEK, 0.2 MI E/O STEVENS CYN RD. Scour Countermeasures.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				230,000					230,000
R/W									
CON								630,000	630,000
<b>Total</b>				230,000				630,000	860,000
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				203,619				557,739	761,358
Local Match				26,381				72,261	98,642
LSSRP Bond									
Local AC									
<b>Total</b>				230,000				630,000	860,000
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				203,619					203,619
Local Match				26,381					26,381
LSSRP Bond									
Local AC									
<b>Total</b>				230,000					230,000
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								557,739	557,739
Local Match								72,261	72,261
LSSRP Bond									
Local AC									
<b>Total</b>								630,000	630,000

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Cupertino 4309 BRIDGE NO. PM00132, Bridge Preventive Maintenance Program (BPMP), various bridges in the City of Cupertino. See Caltrans Local Assistance HBP web site for backup list of bridges.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	161,500								161,500
R/W									
CON					483,650				483,650
Total	161,500				483,650				645,150
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	142,976				428,175				571,151
Local Match	18,524				55,475				73,999
LSSRP Bond									
Local AC									
Total	161,500				483,650				645,150
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	142,976								142,976
Local Match	18,524								18,524
LSSRP Bond									
Local AC									
Total	161,500								161,500
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					428,175				428,175
Local Match					55,475				55,475
LSSRP Bond									
Local AC									
Total					483,650				483,650

Project #: 5318(029)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Gilroy 4200 BRIDGE NO. PM00109, Bridge Preventive Maintenance Program (BPMP) for various bridges in the City of Gilroy. See Caltrans Local Assistance HBP website for backup list of projects.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE									
R/W									
CON		227,909	110,000						337,909
Total		227,909	110,000						337,909
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		201,768	97,383						299,151
Local Match		26,141	12,617						38,758
LSSRP Bond									
Local AC									
Total		227,909	110,000						337,909
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$									
Local Match									
LSSRP Bond									
Local AC									
Total									
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		201,768	97,383						299,151
Local Match		26,141	12,617						38,758
LSSRP Bond									
Local AC									
Total		227,909	110,000						337,909

Project #: 5034(026)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Palo Alto 3722 BRIDGE NO. 37C0223, NEWELL RD OVER SAN FRANCISQUITO CR, NEAR WOODLAND AVE. Replace existing two-lane bridge with a new two-lane bridge conforming to current standards.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,174,809				574,146				1,748,955
R/W					113,000				113,000
CON								10,389,600	10,389,600
<b>Total</b>	<b>1,174,809</b>				<b>687,146</b>			<b>10,389,600</b>	<b>12,251,555</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,040,058				608,330			9,197,913	10,846,302
Local Match	134,751				78,816			1,191,687	1,405,253
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,174,809</b>				<b>687,146</b>			<b>10,389,600</b>	<b>12,251,555</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,040,058				508,291				1,548,350
Local Match	134,751				65,855				200,605
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,174,809</b>				<b>574,146</b>				<b>1,748,955</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					100,039				100,039
Local Match					12,961				12,961
LSSRP Bond									
Local AC									
<b>Total</b>					<b>113,000</b>				<b>113,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								9,197,913	9,197,913
Local Match	0							1,191,687	1,191,687
LSSRP Bond									
Local AC									
<b>Total</b>								<b>10,389,600</b>	<b>10,389,600</b>

Project #:

5100(017)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

San Jose 3330 BRIDGE NO. 37C0033, SANTA CLARA ST, OVER COYOTE CREEK, 0.8 MI W OF SH 101. Replace existing 4 lane bridge with new 4 lane bridge

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	885,000								885,000
R/W									
CON								4,424,000	4,424,000
<b>Total</b>	<b>885,000</b>							<b>4,424,000</b>	<b>5,309,000</b>
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	783,491							3,916,567	4,700,058
Local Match	101,510							507,433	608,942
LSSRP Bond									
Local AC									
<b>Total</b>	<b>885,000</b>							<b>4,424,000</b>	<b>5,309,000</b>
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	783,491								783,491
Local Match	101,510								101,510
LSSRP Bond									
Local AC									
<b>Total</b>	<b>885,000</b>								<b>885,000</b>
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,916,567	3,916,567
Local Match								507,433	507,433
LSSRP Bond									
Local AC									
<b>Total</b>								<b>4,424,000</b>	<b>4,424,000</b>

Project #: 5005(089)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

San Jose 3429 BRIDGE NO. 37C0757, NOBEL AVE, OVER PENITENCIA CREEK, PENITENCIA CREEK RD. Replace existing 2 lane bridge with new 2 lane bridge 4/5/2010: Toll Credits programmed for PE & Con.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE			450,000						450,000
R/W									
CON								1,856,250	1,856,250
Total			450,000					1,856,250	2,306,250
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			450,000					1,856,250	2,306,250
Local Match									
LSSRP Bond									
Local AC									
Total			450,000					1,856,250	2,306,250
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			450,000						450,000
Local Match									
LSSRP Bond									
Local AC									
Total			450,000						450,000
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,856,250	1,856,250
Local Match									
LSSRP Bond									
Local AC									
Total								1,856,250	1,856,250

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 1710 BRIDGE NO. 37C0094, UVAS RD, OVER UVAS CREEK, 0.6 MI S/O CROY RD. Replace 2 lane bridge with new 2 lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,400,000								1,400,000
R/W	300,000								300,000
CON								6,000,000	6,000,000
<b>Total</b>	<b>1,700,000</b>							<b>6,000,000</b>	<b>7,700,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,505,010							5,311,800	6,816,810
Local Match	194,990							688,200	883,190
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,700,000</b>							<b>6,000,000</b>	<b>7,700,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,239,420								1,239,420
Local Match	160,580								160,580
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,400,000</b>								<b>1,400,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	265,590								265,590
Local Match	34,410								34,410
LSSRP Bond									
Local AC									
<b>Total</b>	<b>300,000</b>								<b>300,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,311,800	5,311,800
Local Match								688,200	688,200
LSSRP Bond									
Local AC									
<b>Total</b>								<b>6,000,000</b>	<b>6,000,000</b>

Project #: 5937(123)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 1711 BRIDGE NO. 37C0095, UVAS RD, OVER LITTLE UVAS CREEK, 0.2 MI N/O CROY RD. Replace 2 lane bridge with new 2 lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	2,275,000								2,275,000
R/W	40,000		410,000						450,000
CON								9,054,602	9,054,602
<b>Total</b>	<b>2,315,000</b>		<b>410,000</b>					<b>9,054,602</b>	<b>11,779,602</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,049,470		362,973					8,016,039	10,428,482
Local Match	265,531		47,027					1,038,563	1,351,120
LSSRP Bond									
Local AC									
<b>Total</b>	<b>2,315,000</b>		<b>410,000</b>					<b>9,054,602</b>	<b>11,779,602</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,014,058								2,014,058
Local Match	260,943								260,943
LSSRP Bond									
Local AC									
<b>Total</b>	<b>2,275,000</b>								<b>2,275,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	35,412		362,973						398,385
Local Match	4,588		47,027						51,615
LSSRP Bond									
Local AC									
<b>Total</b>	<b>40,000</b>		<b>410,000</b>						<b>450,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								8,016,039	8,016,039
Local Match								1,038,563	1,038,563
LSSRP Bond									
Local AC									
<b>Total</b>								<b>9,054,602</b>	<b>9,054,602</b>

Project #: 5937(124)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 1709 BRIDGE NO. 37C0096, UVAS RD, OVER LLAGAS CREEK, 1.0 MI N/O OAK GLEN AV. Replace 2 lane bridge with new 2 lane bridge.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,440,000								1,440,000
R/W	300,000								300,000
CON								6,603,328	6,603,328
<b>Total</b>	<b>1,740,000</b>							<b>6,603,328</b>	<b>8,343,328</b>
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,540,422							5,845,926	7,386,348
Local Match	199,578							757,402	956,980
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,740,000</b>							<b>6,603,328</b>	<b>8,343,328</b>
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,274,832								1,274,832
Local Match	165,168								165,168
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,440,000</b>								<b>1,440,000</b>
<b>R/W Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	265,590								265,590
Local Match	34,410								34,410
LSSRP Bond									
Local AC									
<b>Total</b>	<b>300,000</b>								<b>300,000</b>
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,845,926	5,845,926
Local Match								757,402	757,402
LSSRP Bond									
Local AC									
<b>Total</b>								<b>6,603,328</b>	<b>6,603,328</b>

Project #: 5937(106)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 1221 BRIDGE NO. 37C0159, ALAMITOS RD, OVER ALAMITOS CREEK, 0.8 MI S OF ALMADEN. Replace 2 lane bridge with new 2 lane bridge.  
4/5/2010: Toll Credits programmed for R/W & Con.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,053,596								1,053,596
R/W									
CON							9,000,000		9,000,000
Total	1,053,596						9,000,000		10,053,596
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	842,877						9,000,000		9,842,877
Local Match	210,719								210,719
LSSRP Bond									
Local AC									
Total	1,053,596						9,000,000		10,053,596
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	842,877								842,877
Local Match	210,719								210,719
LSSRP Bond									
Local AC									
Total	1,053,596								1,053,596
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$									
Local Match									
LSSRP Bond									
Local AC									
Total									
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							9,000,000		9,000,000
Local Match									
LSSRP Bond									
Local AC									
Total							9,000,000		9,000,000

Project #: 5937(058)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 189 BRIDGE NO. 37C0172, NEW AVE, OVER RED FOX CREEK, 1.6 MI N LEAVESLY ROAD. Bridge Replacement 4/5/2010: Toll Credits programmed for PE & Con. 10/3/2011: Toll credits used for R/W. Replace two-lane with two-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	500,000		600,000						1,100,000
R/W		80,000	420,000						500,000
CON								4,749,196	4,749,196
<b>Total</b>	<b>500,000</b>	<b>80,000</b>	<b>1,020,000</b>					<b>4,749,196</b>	<b>6,349,196</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	500,000		1,100,000					4,749,196	6,349,196
Local Match									
LSSRP Bond									
Local AC		80,000	-80,000						
<b>Total</b>	<b>500,000</b>	<b>80,000</b>	<b>1,020,000</b>					<b>4,749,196</b>	<b>6,349,196</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	500,000		600,000						1,100,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>500,000</b>		<b>600,000</b>						<b>1,100,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			500,000						500,000
Local Match									
LSSRP Bond									
Local AC		80,000	-80,000						
<b>Total</b>		<b>80,000</b>	<b>420,000</b>						<b>500,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,749,196	4,749,196
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>4,749,196</b>	<b>4,749,196</b>

Project #:

5937(182)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 4300 BRIDGE NO. 37C0501, ALAMITOS RD OVER HERBERT CREEK, 0.7 MI W OF HICKS RD. Replace existing one-lane bridge with a new two-lane bridge (non-capacity increasing), 9/28/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	580,000				200,000				780,000
R/W					50,000				50,000
CON						3,500,000			3,500,000
<b>Total</b>	<b>580,000</b>				<b>250,000</b>	<b>3,500,000</b>			<b>4,330,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	580,000				250,000	3,500,000			4,330,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>580,000</b>				<b>250,000</b>	<b>3,500,000</b>			<b>4,330,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	580,000				200,000				780,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>580,000</b>				<b>200,000</b>				<b>780,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					50,000				50,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>50,000</b>				<b>50,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$						3,500,000			3,500,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>						<b>3,500,000</b>			<b>3,500,000</b>

Project #: 5937(210)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 4280 BRIDGE NO. 37C0502, ALAMITOS RD OVER HERBERT CREEK, 0.9 MI SW OF JCT HICKS RD. Replace existing one-lane bridge with a new two-lane bridge.(non capacity increasing) 10/20/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	539,825				200,000				739,825
R/W					50,000				50,000
CON							3,500,000		3,500,000
<b>Total</b>	<b>539,825</b>				<b>250,000</b>		<b>3,500,000</b>		<b>4,289,825</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	539,825				250,000		3,500,000		4,289,825
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>539,825</b>				<b>250,000</b>		<b>3,500,000</b>		<b>4,289,825</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	539,825				200,000				739,825
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>539,825</b>				<b>200,000</b>				<b>739,825</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					50,000				50,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>50,000</b>				<b>50,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							3,500,000		3,500,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>							<b>3,500,000</b>		<b>3,500,000</b>

Project #: 5937(211)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Santa Clara

Responsible Agency      HBP-ID      Project Description

Santa Clara County      4281      BRIDGE NO. 37C0503, ALAMITOS RD OVER HERBERT CREEK, 1.1 MI SW JET OF HICK RD. Replace existing one-lane bridge with a new two-lane bridge, (not capacity increasing) 10/20/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	541,825				200,000				741,825
R/W					50,000				50,000
CON							3,500,000		3,500,000
<b>Total</b>	<b>541,825</b>				<b>250,000</b>		<b>3,500,000</b>		<b>4,291,825</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	541,825				250,000		3,500,000		4,291,825
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>541,825</b>				<b>250,000</b>		<b>3,500,000</b>		<b>4,291,825</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	541,825				200,000				741,825
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>541,825</b>				<b>200,000</b>				<b>741,825</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					50,000				50,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>50,000</b>				<b>50,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							3,500,000		3,500,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>							<b>3,500,000</b>		<b>3,500,000</b>

Project #: 5937(212)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 4277 BRIDGE NO. 37C0506, ALDERCROFT HTS RD OVER HOOKER CREEK, 2.12 MI S LOS GATOS SC RD. Replace existing one-lane bridge with a new two-lane bridge, (not capacity increasing) 10/20/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	600,000				200,000				800,000
R/W					300,000				300,000
CON								3,181,000	3,181,000
<b>Total</b>	<b>600,000</b>				<b>500,000</b>			<b>3,181,000</b>	<b>4,281,000</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	600,000				500,000			3,181,000	4,281,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>500,000</b>			<b>3,181,000</b>	<b>4,281,000</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	600,000				200,000				800,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>200,000</b>				<b>800,000</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					300,000				300,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>300,000</b>				<b>300,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,181,000	3,181,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>3,181,000</b>	<b>3,181,000</b>

Project #: 5937(205)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 4276 BRIDGE NO. 37C0507, ALDERCROFT HTS RD OVER LOS GATOS CREEK, 2.12 MI S LOS GATOS SC RD. Replace existing one-lane bridge to a new two-lane bridge,(not capacity increasing) 10/20/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	600,000				200,000				800,000
R/W					300,000				300,000
CON							3,645,000		3,645,000
<b>Total</b>	<b>600,000</b>				<b>500,000</b>		<b>3,645,000</b>		<b>4,745,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	600,000				500,000		3,645,000		4,745,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>500,000</b>		<b>3,645,000</b>		<b>4,745,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	600,000				200,000				800,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>200,000</b>				<b>800,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					300,000				300,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>300,000</b>				<b>300,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							3,645,000		3,645,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>							<b>3,645,000</b>		<b>3,645,000</b>

Project #: 5937(206)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Santa Clara

Responsible Agency      HBP-ID      Project Description

Santa Clara County      4275      BRIDGE NO. 37C0508, ALDERCROFT HTS RD OVER LOS GATOS CREEK, 2.38 MI S LOS GATOS SC RD. Replace existing one-lane bridge with a new two-lane bridge, (not capacity increasing) 10/20/2015: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	600,000				200,000				800,000
R/W					300,000				300,000
CON						4,000,000			4,000,000
<b>Total</b>	<b>600,000</b>				<b>500,000</b>	<b>4,000,000</b>			<b>5,100,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	600,000				500,000	4,000,000			5,100,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>500,000</b>	<b>4,000,000</b>			<b>5,100,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	600,000				200,000				800,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>				<b>200,000</b>				<b>800,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					300,000				300,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>300,000</b>				<b>300,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$						4,000,000			4,000,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>						<b>4,000,000</b>			<b>4,000,000</b>

Project #:

5937(207)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Santa Clara County 1378 BRIDGE NO. 37C0574, STEVENS CYN RD, OVER STEVENS CREEK, 2.5 MI SW/O MT EDEN RD. Replace 2 lane bridge with new 2 lane bridge. 4/1/2010: Toll Credits programmed for R/W, & Con.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	600,000								600,000
R/W									
CON	2,559,600	213,358							2,772,958
<b>Total</b>	<b>3,159,600</b>	<b>213,358</b>							<b>3,372,958</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	3,090,780	213,358							3,304,138
Local Match	68,820								68,820
LSSRP Bond									
Local AC									
<b>Total</b>	<b>3,159,600</b>	<b>213,358</b>							<b>3,372,958</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	531,180								531,180
Local Match	68,820								68,820
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>								<b>600,000</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$									
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>									

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,559,600	213,358							2,772,958
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>2,559,600</b>	<b>213,358</b>							<b>2,772,958</b>

Project #:  

5937(107)
5937(208)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Santa Clara

Responsible Agency      HBP-ID    Project Description

Santa Clara County      1377    BRIDGE NO. 37C0575, STEVENS CYN RD, OVER STEVENS CREEK, 2.7 MI SW/O MT EDEN RD.    Replace 2 lane bridge with new 2 lane bridge. 4/1/2010: Toll Credits programmed for R/W, & Con.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	600,000								600,000
R/W									
CON	2,971,000	141,347							3,112,347
<b>Total</b>	<b>3,571,000</b>	<b>141,347</b>							<b>3,712,347</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	3,502,180	141,347							3,643,527
Local Match	68,820								68,820
LSSRP Bond									
Local AC									
<b>Total</b>	<b>3,571,000</b>	<b>141,347</b>							<b>3,712,347</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	531,180								531,180
Local Match	68,820								68,820
LSSRP Bond									
Local AC									
<b>Total</b>	<b>600,000</b>								<b>600,000</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$									
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>									

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,971,000	141,347							3,112,347
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>2,971,000</b>	<b>141,347</b>							<b>3,112,347</b>

**Project #:**  

5937(109)
5937(209)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Saratoga 932 BRIDGE NO. 37C0114 & 37C0113, QUITO RD, OVER SAN TOMAS CREEK, NORTH AND SOUTH OF OLD ADOBE RD. Replace 2 lane bridges with new 2 lane bridges.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	839,500								839,500
R/W	400,000								400,000
CON							3,490,001		3,490,001
Total	1,239,500						3,490,001		4,729,501
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,025,720						3,089,698		4,115,418
Local Match	213,780						400,303		614,083
LSSRP Bond									
Local AC									
Total	1,239,500						3,490,001		4,729,501
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	671,600								671,600
Local Match	167,900								167,900
LSSRP Bond									
Local AC									
Total	839,500								839,500
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	354,120								354,120
Local Match	45,880								45,880
LSSRP Bond									
Local AC									
Total	400,000								400,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							3,089,698		3,089,698
Local Match							400,303		400,303
LSSRP Bond									
Local AC									
Total							3,490,001		3,490,001

Project #: 5332(004)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04      County: Santa Clara

Responsible Agency      HBP-ID    Project Description

Saratoga      1793    BRIDGE NO. 37C0294, 4TH ST, OVER SARATOGA CREEK, NEAR BASIN WAY.    Replace deck, railings, widen lanes & shoulders, new sidewalks. No added lane capacity.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	105,000				250,000				355,000
R/W					10,000				10,000
CON								435,000	435,000
<b>Total</b>	<b>105,000</b>				<b>260,000</b>			<b>435,000</b>	<b>800,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	92,957				230,178			385,106	708,240
Local Match	12,044				29,822			49,895	91,760
LSSRP Bond									
Local AC									
<b>Total</b>	<b>105,000</b>				<b>260,000</b>			<b>435,000</b>	<b>800,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	92,957				221,325				314,282
Local Match	12,044				28,675				40,719
LSSRP Bond									
Local AC									
<b>Total</b>	<b>105,000</b>				<b>250,000</b>				<b>355,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					8,853				8,853
Local Match					1,147				1,147
LSSRP Bond									
Local AC									
<b>Total</b>					<b>10,000</b>				<b>10,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								385,106	385,106
Local Match								49,895	49,895
LSSRP Bond									
Local AC									
<b>Total</b>								<b>435,000</b>	<b>435,000</b>

Project #: 5332(020)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Santa Clara

Responsible Agency HBP-ID Project Description

Sunnyvale 3262 BRIDGE NO. 37C0765, FAIROAKS AVE, OVER CALTRAIN, UP RR, HENDY AVE. Bridge rehabilitation. No adding lane capacity.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	2,941,000								2,941,000
R/W	1,985,000	1,339,505							3,324,505
CON		17,365,000		5,706,436					23,071,436
Total	4,926,000	18,704,505		5,706,436					29,336,941
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	4,360,988		16,559,098	5,051,908					25,971,994
Local Match	565,012	2,145,407		654,528					3,364,947
LSSRP Bond									
Local AC		16,559,098	-16,559,098						
Total	4,926,000	18,704,505		5,706,436					29,336,941
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,603,667								2,603,667
Local Match	337,333								337,333
LSSRP Bond									
Local AC									
Total	2,941,000								2,941,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,757,321		1,185,864						2,943,184
Local Match	227,680	153,641							381,321
LSSRP Bond									
Local AC		1,185,864	-1,185,864						
Total	1,985,000	1,339,505							3,324,505
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			15,373,235	5,051,908					20,425,142
Local Match		1,991,766		654,528					2,646,294
LSSRP Bond									
Local AC		15,373,235	-15,373,235						
Total		17,365,000		5,706,436					23,071,436

Project #: 5213(039)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Solano

Responsible Agency HBP-ID Project Description

Solano County 1498 BRIDGE NO. 23C0092, STEVENSON BR RD, OVER PUTAH CREEK, SOL/YOL CO LINE. Bridge rehabilitation. No adding lane capacity.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,300,000				428,000				1,728,000
R/W	500,000								500,000
CON								6,372,000	6,372,000
<b>Total</b>	<b>1,800,000</b>				<b>428,000</b>			<b>6,372,000</b>	<b>8,600,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,482,650				342,400			5,641,132	7,466,182
Local Match	317,350				85,600			730,868	1,133,818
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,800,000</b>				<b>428,000</b>			<b>6,372,000</b>	<b>8,600,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,040,000				342,400				1,382,400
Local Match	260,000				85,600				345,600
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,300,000</b>				<b>428,000</b>				<b>1,728,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	442,650								442,650
Local Match	57,350								57,350
LSSRP Bond									
Local AC									
<b>Total</b>	<b>500,000</b>								<b>500,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,641,132	5,641,132
Local Match								730,868	730,868
LSSRP Bond									
Local AC									
<b>Total</b>								<b>6,372,000</b>	<b>6,372,000</b>

Project #: 5923(059)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Solano

Responsible Agency HBP-ID Project Description

Solano County 4524 BRIDGE NO. 23C0118, MAIN PRAIRIE RD OVER ULATIS CREEK, 0.3 MI E OF RTE 113. Replace existing 2-lane bridge with a new 2-lane bridge. Chien Wu, 3/3/2017 10:09:01 AM.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE				691,750					691,750
R/W								100,000	100,000
CON								3,873,800	3,873,800
<b>Total</b>				691,750				3,973,800	4,665,550
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				612,406				3,518,005	4,130,411
Local Match				79,344				455,795	535,139
LSSRP Bond									
Local AC									
<b>Total</b>				691,750				3,973,800	4,665,550
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				612,406					612,406
Local Match				79,344					79,344
LSSRP Bond									
Local AC									
<b>Total</b>				691,750					691,750
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								88,530	88,530
Local Match								11,470	11,470
LSSRP Bond									
Local AC									
<b>Total</b>								100,000	100,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,429,475	3,429,475
Local Match								444,325	444,325
LSSRP Bond									
Local AC									
<b>Total</b>								3,873,800	3,873,800

Project #:

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Solano

Responsible Agency HBP-ID Project Description

Vacaville 3944 BRIDGE NO. 23C0011, BUCK AVE OVER ALAMO CREEK, 0.1 MI E OF ALAMO AVE. Replace existing two-lane bridge with a new two-lane bridge.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	716,512		13,560	89,928					820,000
R/W		20,000	101,001	15,999					137,000
CON			3,926,000						3,926,000
<b>Total</b>	<b>716,512</b>	<b>20,000</b>	<b>4,040,561</b>	<b>105,927</b>					<b>4,883,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	634,328	17,706	101,421	3,569,465					4,322,920
Local Match	82,184	2,294	463,452	12,150				-0	560,080
LSSRP Bond									
Local AC			3,475,688	-3,475,688					
<b>Total</b>	<b>716,512</b>	<b>20,000</b>	<b>4,040,561</b>	<b>105,927</b>					<b>4,883,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	634,328		12,005	79,613					725,946
Local Match	82,184		1,555	10,315					94,054
LSSRP Bond									
Local AC									
<b>Total</b>	<b>716,512</b>		<b>13,560</b>	<b>89,928</b>					<b>820,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$		17,706	89,416	14,164					121,286
Local Match		2,294	11,585	1,835					15,714
LSSRP Bond									
Local AC									
<b>Total</b>		<b>20,000</b>	<b>101,001</b>	<b>15,999</b>					<b>137,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				3,475,688					3,475,688
Local Match	0		450,312					-0	450,312
LSSRP Bond									
Local AC			3,475,688	-3,475,688					
<b>Total</b>			<b>3,926,000</b>						<b>3,926,000</b>

Project #:

5094(057)

5094(066)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Solano

Responsible Agency HBP-ID Project Description

Vacaville 3943 BRIDGE NO. 23C0236, ALDRIDGE RD OVER PUTAH SOUTH CANAL, 500 W EUBANKS DR .  
 10/22/2015: Replace existing 2-lane bridge with new 2-lane bridge. No added capacity. 5/9/2012: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	671,812								671,812
R/W			30,000						30,000
CON								2,291,498	2,291,498
<b>Total</b>	<b>671,812</b>		<b>30,000</b>					<b>2,291,498</b>	<b>2,993,310</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	671,812		30,000					2,291,498	2,993,310
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>671,812</b>		<b>30,000</b>					<b>2,291,498</b>	<b>2,993,310</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	671,812								671,812
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>671,812</b>								<b>671,812</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			30,000						30,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>			<b>30,000</b>						<b>30,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								2,291,498	2,291,498
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>2,291,498</b>	<b>2,291,498</b>

Project #:  
 5094(058)  
 5094(065)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Solano

Responsible Agency HBP-ID Project Description

Vallejo 2041 BRIDGE NO. 23C0152, SACRAMENTO ST, OVER US NAVY RR, BTWN ILLINOIS FARRAGUT ST. Scope changed to replacement. Replace existing two-lane bridge with a new two-lane bridge. No added lane capacity. Seismic funds used for portion of the project.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	989,000	159,000							1,148,000
R/W	380,000	175,000							555,000
CON			8,087,000						8,087,000
Total	1,369,000	334,000	8,087,000						9,790,000
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,211,976	295,690	7,159,421						8,667,087
Local Match	157,024	38,310	709,075						904,410
LSSRP Bond			218,504						218,504
Local AC									
Total	1,369,000	334,000	8,087,000						9,790,000
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	875,562	140,763							1,016,324
Local Match	113,438	18,237							131,676
LSSRP Bond									
Local AC									
Total	989,000	159,000							1,148,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	336,414	154,928							491,342
Local Match	43,586	20,073							63,659
LSSRP Bond									
Local AC									
Total	380,000	175,000							555,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			7,159,421						7,159,421
Local Match			709,075						709,075
LSSRP Bond			218,504						218,504
Local AC									
Total			8,087,000						8,087,000

Project #:

5030(056)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Solano

Responsible Agency HBP-ID Project Description

Vallejo 4240 BRIDGE NO. 23C0248, G STREET, OVER NAPA RIVER, 1 MILE WEST OF SR 29. Bridge Preventive Maintenance (Painting, applying Methacrylate, piles and boards of fender system repairs, replacing anodes at Piers 26 and 27).

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	494,280				701,220				1,195,500
R/W									
CON								10,011,400	10,011,400
Total	494,280				701,220			10,011,400	11,206,900
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	437,586				620,790			8,863,092	9,921,469
Local Match	56,694				80,430			1,148,308	1,285,431
LSSRP Bond									
Local AC									
Total	494,280				701,220			10,011,400	11,206,900
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	437,586				620,790				1,058,376
Local Match	56,694				80,430				137,124
LSSRP Bond									
Local AC									
Total	494,280				701,220				1,195,500
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								8,863,092	8,863,092
Local Match								1,148,308	1,148,308
LSSRP Bond									
Local AC									
Total								10,011,400	10,011,400

Project #: 5030(060)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Petaluma 3570 BRIDGE NO. 20C0045, WASHINGTON ST OVER PETALUMA RIVER, NEAR DOWNTOWN PETALUMA. Voluntary seismic retrofit project.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	250,000		80,000		546,000				876,000
R/W									
CON								1,680,000	1,680,000
<b>Total</b>	<b>250,000</b>		<b>80,000</b>		<b>546,000</b>			<b>1,680,000</b>	<b>2,556,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	221,325		70,824		483,374			1,487,304	2,262,827
Local Match	28,675		9,176		62,626			192,696	293,173
LSSRP Bond									
Local AC									
<b>Total</b>	<b>250,000</b>		<b>80,000</b>		<b>546,000</b>			<b>1,680,000</b>	<b>2,556,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	221,325		70,824		483,374				775,523
Local Match	28,675		9,176		62,626				100,477
LSSRP Bond									
Local AC									
<b>Total</b>	<b>250,000</b>		<b>80,000</b>		<b>546,000</b>				<b>876,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								1,487,304	1,487,304
Local Match								192,696	192,696
LSSRP Bond									
Local AC									
<b>Total</b>								<b>1,680,000</b>	<b>1,680,000</b>

Project #: 5022(050)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma 3643 BRIDGE NO. 20C0497, CHASE ST OVER NATHANSON CREEK, 0.1 MI E SR 12 SONOMA. Replace existing two lane bridge with two lane bridge widened to accommodate shoulders and sidewalks.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	411,079								411,079
R/W	90,000				30,000				120,000
CON				1,809,266					1,809,266
Total	501,079			1,809,266	30,000				2,340,345
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	443,605			1,601,743	26,559				2,071,907
Local Match	57,474			207,523	3,441				268,438
LSSRP Bond									
Local AC									
Total	501,079			1,809,266	30,000				2,340,345
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	363,928								363,928
Local Match	47,151								47,151
LSSRP Bond									
Local AC									
Total	411,079								411,079
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	79,677				26,559				106,236
Local Match	10,323				3,441				13,764
LSSRP Bond									
Local AC									
Total	90,000				30,000				120,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				1,601,743					1,601,743
Local Match				207,523					207,523
LSSRP Bond									
Local AC									
Total				1,809,266					1,809,266

Project #: 5114(016)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 1993 BRIDGE NO. 20C0005, GEYSERS RD, OVER BIG SULPHUR CREEK, 18.6 MI N OF SH 128. Replace 1 lane bridge with 2 lane bridge.  
(LSSRP Seismic) 10/11/2011: Toll credits used for R/W. Toll credits used for CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,208,387								1,208,387
R/W					100,000				100,000
CON								6,766,964	6,766,964
Total	1,208,387				100,000			6,766,964	8,075,351
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,069,785				100,000			6,766,964	7,936,749
Local Match	138,602								138,602
LSSRP Bond									
Local AC									
Total	1,208,387				100,000			6,766,964	8,075,351
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,069,785								1,069,785
Local Match	138,602								138,602
LSSRP Bond									
Local AC									
Total	1,208,387								1,208,387
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					100,000				100,000
Local Match									
LSSRP Bond									
Local AC									
Total					100,000				100,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								6,766,964	6,766,964
Local Match									
LSSRP Bond									
Local AC									
Total								6,766,964	6,766,964

Project #:

5920(111)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 1160 BRIDGE NO. 20C0017, WATMAUGH ROAD, OVER SONOMA CREEK, 0.3 MI W HWY 12. Replace 2 lane bridge with new 2 lane bridge.  
(minor seismic contribution)

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	900,000				567,000				1,467,000
R/W				250,000					250,000
CON							6,812,000		6,812,000
<b>Total</b>	<b>900,000</b>			<b>250,000</b>	<b>567,000</b>		<b>6,812,000</b>		<b>8,529,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	796,770			221,325	501,965		6,030,664		7,550,724
Local Match	103,230			28,675	65,035		730,808		927,748
LSSRP Bond							50,529		50,529
Local AC									
<b>Total</b>	<b>900,000</b>			<b>250,000</b>	<b>567,000</b>		<b>6,812,000</b>		<b>8,529,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	796,770				501,965				1,298,735
Local Match	103,230				65,035				168,265
LSSRP Bond									
Local AC									
<b>Total</b>	<b>900,000</b>				<b>567,000</b>				<b>1,467,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$				221,325					221,325
Local Match	0			28,675					28,675
LSSRP Bond									
Local AC									
<b>Total</b>				<b>250,000</b>					<b>250,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$							6,030,664		6,030,664
Local Match							730,808		730,808
LSSRP Bond							50,529		50,529
Local AC									
<b>Total</b>							<b>6,812,000</b>		<b>6,812,000</b>

Project #:

5920(092)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 1999 BRIDGE NO. 20C0018, BOHEMIAN HWY, OVER RUSSIAN RIVER, AT MONTE RIO. Replace the two lane bridge with a new two lane bridge as LSSRP Seismic Retrofit strategy.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	2,977,500				1,000,000				3,977,500
R/W						400,000			400,000
CON								16,674,000	16,674,000
<b>Total</b>	<b>2,977,500</b>				<b>1,000,000</b>	<b>400,000</b>		<b>16,674,000</b>	<b>21,051,500</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,635,981				885,300	354,120		14,761,492	18,636,893
Local Match	341,519				114,700				456,219
LSSRP Bond						45,880		1,912,508	1,958,388
Local AC									
<b>Total</b>	<b>2,977,500</b>				<b>1,000,000</b>	<b>400,000</b>		<b>16,674,000</b>	<b>21,051,500</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	2,635,981				885,300				3,521,281
Local Match	341,519				114,700				456,219
LSSRP Bond									
Local AC									
<b>Total</b>	<b>2,977,500</b>				<b>1,000,000</b>				<b>3,977,500</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$						354,120			354,120
Local Match									
LSSRP Bond						45,880			45,880
Local AC									
<b>Total</b>						<b>400,000</b>			<b>400,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								14,761,492	14,761,492
Local Match									
LSSRP Bond								1,912,508	1,912,508
Local AC									
<b>Total</b>								<b>16,674,000</b>	<b>16,674,000</b>

Project #: 5920(135)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 2007 BRIDGE NO. 20C0139, WOHLER RD, OVER MARK WEST CREEK, NEAR RIVER RD. Bridge Replacement, no added lane capacity 4/5/2010:  
Toll Credits programmed for R/W & Con. LSSRP

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	765,000	609,161							1,374,161
R/W	100,000	220,458							320,458
CON		6,659,000							6,659,000
<b>Total</b>	<b>865,000</b>	<b>7,488,619</b>							<b>8,353,619</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	712,000	707,787	6,659,000						8,078,787
Local Match	153,000	121,832							274,832
LSSRP Bond									
Local AC		6,659,000	-6,659,000						
<b>Total</b>	<b>865,000</b>	<b>7,488,619</b>							<b>8,353,619</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	612,000	487,329							1,099,329
Local Match	153,000	121,832							274,832
LSSRP Bond									
Local AC									
<b>Total</b>	<b>765,000</b>	<b>609,161</b>							<b>1,374,161</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	100,000	220,458							320,458
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>100,000</b>	<b>220,458</b>							<b>320,458</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			6,659,000						6,659,000
Local Match									
LSSRP Bond									
Local AC		6,659,000	-6,659,000						
<b>Total</b>		<b>6,659,000</b>							<b>6,659,000</b>

Project #:  
**5920(056)**

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 2011 BRIDGE NO. 20C0155, WOHLER RD, OVER RUSSIAN RIVER, 1.5 MI FROM RIVER RD. LSSRP Seismic Retrofit. 11/13/2012: Toll credits used for PE. 10/18/2017: Toll credits used for R/W.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,650,000								1,650,000
R/W		100,000	150,000						250,000
CON						13,875,880			13,875,880
Total	1,650,000	100,000	150,000			13,875,880			15,775,880
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,650,000		250,000			12,284,317			14,184,317
Local Match									
LSSRP Bond						1,591,563			1,591,563
Local AC		100,000	-100,000						
Total	1,650,000	100,000	150,000			13,875,880			15,775,880
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,650,000								1,650,000
Local Match									
LSSRP Bond									
Local AC									
Total	1,650,000								1,650,000
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			250,000						250,000
Local Match									
LSSRP Bond									
Local AC		100,000	-100,000						
Total		100,000	150,000						250,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$						12,284,317			12,284,317
Local Match									
LSSRP Bond						1,591,563			1,591,563
Local AC									
Total						13,875,880			13,875,880

Project #: 5920(137)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 3626 BRIDGE NO. 20C0227, GEYSERS RD, OVER FRASIER CREEK, 20.4 MI N OF ST HWY 128. Replace deficient 2-lane bridge with new 2-lane bridge meeting current geometrics standards. 9/14/2010: Toll credits for all phases.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	811,250				350,000				1,161,250
R/W					80,000				80,000
CON								4,543,000	4,543,000
Total	811,250				430,000			4,543,000	5,784,250
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	811,250				430,000			4,543,000	5,784,250
Local Match									
LSSRP Bond									
Local AC									
Total	811,250				430,000			4,543,000	5,784,250
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	811,250				350,000				1,161,250
Local Match									
LSSRP Bond									
Local AC									
Total	811,250				350,000				1,161,250
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					80,000				80,000
Local Match									
LSSRP Bond									
Local AC									
Total					80,000				80,000
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,543,000	4,543,000
Local Match									
LSSRP Bond									
Local AC									
Total								4,543,000	4,543,000

Project #:

5920(129)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 2016 BRIDGE NO. 20C0242, CHALK HILL RD, OVER MAACAMA CREEK, 1 MI S OF ST HWY 128. Replace one-lane bridge with two-lane bridge.  
11/10/2010: Toll credits used for PE, R/W, and CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,289,180				1,510,820				2,800,000
R/W						250,000			250,000
CON								12,936,000	12,936,000
<b>Total</b>	<b>1,289,180</b>				<b>1,510,820</b>	<b>250,000</b>		<b>12,936,000</b>	<b>15,986,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,289,180				1,510,820	250,000		12,936,000	15,986,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,289,180</b>				<b>1,510,820</b>	<b>250,000</b>		<b>12,936,000</b>	<b>15,986,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,289,180				1,510,820				2,800,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,289,180</b>				<b>1,510,820</b>				<b>2,800,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$						250,000			250,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>						<b>250,000</b>			<b>250,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								12,936,000	12,936,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>12,936,000</b>	<b>12,936,000</b>

Project #:  
5920(049)  
5920(118)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 2017 BRIDGE NO. 20C0248, LAMBERT BRIDGE RD, OVER DRY CREEK, 0.4 MI W OF DRY CREEK RD. Replace one-lane bridge with two-lane bridge. Formerly LSSRP Seismic Retrofit 11/10/2010: Toll credits used for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	1,068,750								1,068,750
R/W					250,000				250,000
CON								5,985,000	5,985,000
<b>Total</b>	<b>1,068,750</b>				<b>250,000</b>			<b>5,985,000</b>	<b>7,303,750</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,068,750				250,000			5,985,000	7,303,750
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,068,750</b>				<b>250,000</b>			<b>5,985,000</b>	<b>7,303,750</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,068,750								1,068,750
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>1,068,750</b>								<b>1,068,750</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					250,000				250,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>250,000</b>				<b>250,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,985,000	5,985,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>5,985,000</b>	<b>5,985,000</b>

Project #:

5920(050)

5920(138)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 1827 BRIDGE NO. 20C0262, BOYES BLVD, OVER SONOMA CREEK, JUST EAST OF RIVERSIDE DR. Replace 2 lane bridge with 2 lane bridge with LBSRP contribution.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	987,369	719,529							1,706,898
R/W	550,000	255,915							805,915
CON		5,672,353							5,672,353
<b>Total</b>	<b>1,537,369</b>	<b>6,647,797</b>							<b>8,185,166</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	1,276,810	802,185	5,021,734						7,100,729
Local Match	260,559	823,878	-73,809	0					1,010,627
LSSRP Bond			73,809						73,809
Local AC		5,021,734	-5,021,734						
<b>Total</b>	<b>1,537,369</b>	<b>6,647,797</b>							<b>8,185,166</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	789,895	575,623							1,365,518
Local Match	197,474	143,906							341,380
LSSRP Bond									
Local AC									
<b>Total</b>	<b>987,369</b>	<b>719,529</b>							<b>1,706,898</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	486,915	226,562							713,477
Local Match	63,085	29,353							92,438
LSSRP Bond									
Local AC									
<b>Total</b>	<b>550,000</b>	<b>255,915</b>							<b>805,915</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$			5,021,734						5,021,734
Local Match		650,619	-73,809	0					576,809
LSSRP Bond			73,809						73,809
Local AC		5,021,734	-5,021,734						
<b>Total</b>		<b>5,672,353</b>							<b>5,672,353</b>

Project #: 5920(059)



## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 4237 BRIDGE NO. 20C0326, FRANZ VALLEY SCH RD, OVER FRANZ CREEK, JUST N/O FRANZ RD. Replace existing 2-lane bridge with new 2-lane bridge. Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	500,750				250,000				750,750
R/W					100,000				100,000
CON								3,000,000	3,000,000
<b>Total</b>	<b>500,750</b>				<b>350,000</b>			<b>3,000,000</b>	<b>3,850,750</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	500,750				350,000			3,000,000	3,850,750
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>500,750</b>				<b>350,000</b>			<b>3,000,000</b>	<b>3,850,750</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	500,750				250,000				750,750
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>500,750</b>				<b>250,000</b>				<b>750,750</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					100,000				100,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>100,000</b>				<b>100,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,000,000	3,000,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>3,000,000</b>	<b>3,000,000</b>

Project #: 5920(149)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 4197 BRIDGE NO. 20C0406, RIVER ROAD OVER GILL CREEK, 2.0 MI NW OF SR 128. Replace existing two-lane bridge with new two-lane bridge. Chien Wu, 3/14/2014 2:55:46 PM. 3/20/2014: Toll Credits programmed for PE, R/W, & CON.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	868,250				200,000				1,068,250
R/W					120,000				120,000
CON								4,862,220	4,862,220
<b>Total</b>	<b>868,250</b>				<b>320,000</b>			<b>4,862,220</b>	<b>6,050,470</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	868,250				320,000			4,862,220	6,050,470
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>868,250</b>				<b>320,000</b>			<b>4,862,220</b>	<b>6,050,470</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	868,250				200,000				1,068,250
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>868,250</b>				<b>200,000</b>				<b>1,068,250</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					120,000				120,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>120,000</b>				<b>120,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,862,220	4,862,220
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>4,862,220</b>	<b>4,862,220</b>

Project #:

5920(144)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 2020 BRIDGE NO. 20C0407, WEST DRY CREEK RD, OVER PENA CREEK, 0.7 MI NW YOAKIM BR RD. Replace one-lane bridge with two-lane bridge. Formerly LSSRP Seismic Retrofit 4/26/2010: Toll Credits programmed for PE, R/W & Con.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	540,000				300,000				840,000
R/W					250,000				250,000
CON								4,000,000	4,000,000
<b>Total</b>	<b>540,000</b>				<b>550,000</b>			<b>4,000,000</b>	<b>5,090,000</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	540,000				550,000			4,000,000	5,090,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>540,000</b>				<b>550,000</b>			<b>4,000,000</b>	<b>5,090,000</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	540,000				300,000				840,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>540,000</b>				<b>300,000</b>				<b>840,000</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					250,000				250,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>250,000</b>				<b>250,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								4,000,000	4,000,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>4,000,000</b>	<b>4,000,000</b>

Project #: 5920(139)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 3319 BRIDGE NO. 20C0433, KING RIDGE RD, OVER BIG AUSTIN CREEK, 2.3 MI N FORT ROSS RD. Replace one lane bridge to two-lane bridge  
4/1/2010: Toll Credits programmed for PE, R/W, & Con.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	628,000				200,000				828,000
R/W					150,000				150,000
CON								5,000,000	5,000,000
<b>Total</b>	<b>628,000</b>				<b>350,000</b>			<b>5,000,000</b>	<b>5,978,000</b>

Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	628,000				350,000			5,000,000	5,978,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>628,000</b>				<b>350,000</b>			<b>5,000,000</b>	<b>5,978,000</b>

PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	628,000				200,000				828,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>628,000</b>				<b>200,000</b>				<b>828,000</b>

R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					150,000				150,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>150,000</b>				<b>150,000</b>

CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								5,000,000	5,000,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>5,000,000</b>	<b>5,000,000</b>

Project #:  
5920(106)  
5920(146)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 3707 BRIDGE NO. 20C0440, FREESTONE FLAT RD OVER SALMON CREEK, 0.2 MI E BOHEMIAN HWY. Replace existing one-lane bridge with new two-lane bridge. 10/4/2010: Toll credits used for PE.

Phase Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	562,500				478,000				1,040,500
R/W					400,000				400,000
CON								3,150,000	3,150,000
<b>Total</b>	<b>562,500</b>				<b>878,000</b>			<b>3,150,000</b>	<b>4,590,500</b>
Fund Source Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	562,500				878,000			3,150,000	4,590,500
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>562,500</b>				<b>878,000</b>			<b>3,150,000</b>	<b>4,590,500</b>
PE Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	562,500				478,000				1,040,500
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>	<b>562,500</b>				<b>478,000</b>				<b>1,040,500</b>
R/W Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$					400,000				400,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>					<b>400,000</b>				<b>400,000</b>
CON Summary:	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								3,150,000	3,150,000
Local Match									
LSSRP Bond									
Local AC									
<b>Total</b>								<b>3,150,000</b>	<b>3,150,000</b>

Project #: 5920(127)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

Sonoma County 4165 BRIDGE NO. PM00101, Bridge Preventive Maintenance Program (BPMP) for various bridges in the County of Sonoma. See Caltrans Local Assistance HBP website for backup list of projects.

<b>Phase Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
PE	182,642								182,642
R/W									
CON								547,925	547,925
<b>Total</b>	<b>182,642</b>							<b>547,925</b>	<b>730,567</b>
<b>Fund Source Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	161,693							485,078	646,771
Local Match	20,949							62,847	83,796
LSSRP Bond									
Local AC									
<b>Total</b>	<b>182,642</b>							<b>547,925</b>	<b>730,567</b>
<b>PE Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	161,693								161,693
Local Match	20,949								20,949
LSSRP Bond									
Local AC									
<b>Total</b>	<b>182,642</b>								<b>182,642</b>
<b>CON Summary:</b>	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$								485,078	485,078
Local Match								62,847	62,847
LSSRP Bond									
Local AC									
<b>Total</b>								<b>547,925</b>	<b>547,925</b>

**Project #:**  
5920(163)

## 2018/19-2023/24 Highway Bridge Program

See the appropriate FTIP/FSTIP for current funding commitments. This listing provides the backup project information to support the lump sum amounts programmed in the FTIP.

District: 04 County: Sonoma

Responsible Agency HBP-ID Project Description

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**MPO Summary:** Metropolitan Transportation Commission

Number of Projects: 122

**Totals:**

	Prior	18/19	19/20	20/21	21/22	22/23	23/24	Beyond	Total
Fed \$	128,946,790	26,850,372	67,510,043	31,350,886	31,524,002	20,388,437	58,725,276	386,991,436	752,287,241
Local Match	18,046,960	4,498,104	11,723,228	1,450,088	2,529,403		4,264,015	22,990,501	65,502,299
LSSRP Bond	32,690	13,411	305,503		11,470	1,637,443	50,529	3,233,178	5,284,223
Local AC	44,880,564	16,259,867	27,470,836	-12,825,030	-1,421,037			-74,365,200	
Total for all Phases	191,907,003	47,621,754	107,009,610	19,975,944	32,643,838	22,025,880	63,039,820	338,849,915	823,073,764

**Modifications Made to Programming Totals**

**Back-up Listing Total**

Source	Prior	FY17	FY18	FY19	FY20	FY21	FY22	Beyond	Total
Fed \$	\$78,133,378	\$28,566,694	\$44,585,820	\$26,850,372	\$67,510,043	\$31,350,886	\$31,524,002	\$466,105,149	<b>\$774,626,344</b>
Local Match	\$9,897,730	\$2,445,962	\$5,632,522	\$4,498,104	\$11,723,228	\$1,450,088	\$2,529,403	\$27,254,516	<b>\$65,431,553</b>
LSSRP Bond	\$108,965		\$1,182,557	\$13,411	\$305,503		\$11,470	\$4,921,150	<b>\$6,543,056</b>
Local AC	\$15,521,149		\$12,102,308	\$16,259,867	\$27,470,836	-\$12,825,030	-\$1,421,037	-\$74,365,200	<b>-\$17,257,107</b>
<b>Total for all Phases</b>	<b>\$103,661,222</b>	<b>\$31,012,656</b>	<b>\$63,503,207</b>	<b>\$47,621,754</b>	<b>\$107,009,610</b>	<b>\$19,975,944</b>	<b>\$32,643,838</b>	<b>\$423,915,615</b>	<b>\$829,343,846</b>

**Project Listing Adjustments**

Source	Prior	FY17	FY18	FY19	FY20	FY21	FY22	Beyond	Total
Fed \$	-\$78,133,378								<b>-\$78,133,378</b>
Local Match	-\$9,897,730								<b>-\$9,897,730</b>
LSSRP Bond	-\$108,965								<b>-\$108,965</b>
Local AC	-\$15,521,149					\$12,825,030	\$1,421,037	\$74,365,200	<b>\$73,090,118</b>
<b>Total for all Phases</b>	<b>-\$103,661,222</b>					<b>\$12,825,030</b>		<b>\$74,365,200</b>	<b>-\$15,049,955</b>

Note: Negative amounts not programmed in FMS; Funding for prior years is programmed on VAR110045

**Total Funding for VAR170012**

Source	Prior	FY17	FY18	FY19	FY20	FY21	FY22	Beyond	Total
Fed \$		\$28,566,694	\$44,585,820	\$26,850,372	\$67,510,043	\$31,350,886	\$31,524,002	\$466,105,149	<b>\$696,492,966</b>
Local Match		\$2,445,962	\$5,632,522	\$4,498,104	\$11,723,228	\$1,450,088	\$2,529,403	\$27,254,516	<b>\$55,533,823</b>
LSSRP Bond			\$1,182,557	\$13,411	\$305,503		\$11,470	\$4,921,150	<b>\$6,434,091</b>
Local AC			\$12,102,308	\$16,259,867	\$27,470,836				<b>\$55,833,011</b>
<b>Total for all Phases</b>		<b>\$31,012,656</b>	<b>\$63,503,207</b>	<b>\$47,621,754</b>	<b>\$107,009,610</b>	<b>\$32,800,974</b>	<b>\$34,064,875</b>	<b>\$498,280,815</b>	<b>\$814,293,891</b>



**GL: Section 130 – Railroad/Highway Crossing Projects  
(TIP ID – VAR170017)**

**Last updated with 2021 TIP Update**

**Metropolitan Transportation Commission**  
**Caltrans Managed non-SHOPP Program Detail - FY2020-21**

**Grouping Category: Local Section 130/Grade Crossings**

Dist	CT ID (USDOT RR Xing No.)	County	Implementing Agency	Project Description	Location	Cost Estimate
4	015342U	CONTRA COSTA	California Department of Transportation, Division of Local Assistance /City of Richmond	Installation of railroad grade crossing warning devices and roadway improvements at railroad grade crossing near the intersection of Harbour Way and Wright Ave.	In the City of Richmond	\$3,375,000
<b>2 Projects</b>						<b>\$3,375,000</b>

**Metropolitan Transportation Commission**  
**Caltrans Managed non-SHOPP Program Detail - FY2019-20**

**Grouping Category: Local Section 130/Grade Crossings**

Dist	CT ID (USDOT RR Xing No.)	County	Implementing Agency	Project Description	Location	Cost Estimate
4	754904B	San Mateo	California Department of Transportation, Division of Rail and Mass Transportation/City of San Mateo	Eliminate hazards at railroad grade crossing at intersection of 5th Avenue and Caltrain in the City of San Mateo/County of San Mateo	In the County of San Mateo	\$3,749,325
4	754903U	San Mateo	California Department of Transportation, Division of Local Assistance /City of San Mateo	Eliminate hazards at railroad grade crossing at intersection of 4th Ave and Caltrain in the City of San Mateo/County of San Mateo	In the City of San Mateo	\$3,538,350
<b>2 Projects</b>						<b>\$7,287,675</b>

**Metropolitan Transportation Commission**  
**Caltrans Managed non-SHOPP Program Detail - FY2017-18**

**Grouping Category: Local Section 130/Grade Crossings**

Dist	CT ID (USDOT RR Xing No.)	County	Implementing Agency	Project Description	Location	Cost Estimate
4	754998E	Santa Clara	California Department of Transportation, Division of Rail and Mass Transportation/City of Palo Alto	Eliminate hazards at railroad grade crossing at intersection of Churchill Avenue and Caltrain in the City of Palo Alto, County of Santa Clara	In the County of Santa Clara at the intersection of Churchill Avenue and Caltrain tracks.	\$6,516,000
<b>1 Project</b>						<b>\$6,516,000</b>

**Metropolitan Transportation Commission**  
**Caltrans Managed non-SHOPP Program Detail - FY 2016-17**

**Grouping Category: Local Section 130/Grade Crossings**

Dist	CT ID (USDOT RR Xing No.)	County	Implementing Agency	Project Description	Location	Cost Estimate
4	755037B	Santa Clara	California Department of Transportation, Division of Rail and Mass Transportation/County of Santa Clara	Eliminate hazards at railroad grade crossing at intersection of Mary Avenue and Caltrain in the County of Santa Clara	In the County of Santa Clara at the intersection of Mary Avenue and Caltrain tracks.	\$3,823,625
4	750037J	Alameda	California Department of Transportation, Division of Rail and Mass Transportation/City of Fremont	Eliminate hazards at railroad grade crossing at intersection of Dusterberry Way in the City of Fremont in the County of Alameda	In the County of Alameda at Dusterberry Way in Union Pacific tracks.	\$1,363,988
4	749965G	Santa Clara	California Department of Transportation, Division of Rail and Mass Transportation/City of Santa Clara	Eliminate hazards at railroad grade crossing at intersection of Agnew Road and Union Pacific Railroad in the City of Santa Clara	In the City of Santa Clara, in the County of Santa Clara at the intersection of Agnew Road and Union Pacific Railroad tracks.	\$1,380,000
<b>1 Project</b>						<b>\$6,567,613</b>

**GL: FTA 5311 Rural Area Program FY2016-17  
(TIP ID – VAR170018)**

**Last updated with 2021 TIP Update**

**FTIP Back-up List for FTA Section 5311 FY 2017 Rural Area Formula Program TIP ID: VAR170018**

As Updated with TIP Revision 2021-00

No.	County	Subrecipient	Project Description	Program Year	Federal Share	Local Share	Total Project Cost
<b>Section 5311</b>							
1	SOL	City of Dixon	Operating Assistance (Readi-Ride)	2019	\$237,107	\$191,425	\$428,532
2	SOL	Fairfield and Suisun Transit	Operating Assistance (Route 30)	2019	\$100,000	\$80,734	\$180,734
3	MAR	Marin County Transit District	Operating Assistance (West Marin Stagecoach)	2019	\$206,437	\$166,664	\$373,101
4	NAP	Napa Valley Transportation Authority	Operating Assistance (Northern Napa County)	2019	\$208,403	\$168,252	\$376,655
5	SOL	City of Rio Vista	Operating Assistance (Delta Breeze)	2019	\$68,500	\$55,303	\$123,803
6	SM	San Mateo County Transit District	Operating Assistance (Coastside Demand Response; Route 17)	2019	\$154,508	\$124,740	\$279,248
7	SON	Sonoma County Transit	Vehicle Replacements	2019	\$477,666	\$61,887	\$539,553
8	SC	Santa Clara Valley Transportation Authority	Operating Assistance (Route 68)	2019	\$78,952	\$63,741	\$142,693
<b>Total</b>					<b>\$1,531,573</b>	<b>\$912,746</b>	<b>\$2,444,319</b>
<b>Section 5311(f) Intercity Bus Program</b>							
9	NAP	Napa Valley Transportation Authority	Napa VINE Intercity Bus Routes	2019	\$300,000	\$242,201	\$542,201
<b>Section 5311 Subtotal</b>					<b>\$300,000</b>	<b>\$242,201</b>	<b>\$542,201</b>
<b>Total Grouped Listing</b>					<b>\$1,831,573</b>	<b>\$1,154,947</b>	<b>\$2,986,520</b>

**GL: FTA 5311 Rural Area Program FY2017-18  
(TIP ID – VAR170019)**

**Last updated with 2021 TIP Update**



**FTIP Back-up List for FTA Section 5311 FY 2018 Rural Area Formula Program TIP ID: VAR170019**

As Updated with TIP Revision 2021-00

No.	County	Subrecipient	Project Description	Program Year	Federal Share	Local Share	Total Project Cost
<b>Section 5311</b>							
1	CC	CCCTA (County Connection)	Operating Assistance (Rural Contra Costa County)	2019	\$50,412	\$40,700	\$91,112
2	SOL	City of Dixon	Operating Assistance (Readi-Ride)	2019	\$298,122	\$240,685	\$538,807
3	SOL	Fairfield and Suisun Transit	Operating Assistance (Route 30)	2019	\$100,000	\$80,734	\$180,734
5	MAR	Marin County Transit District	Operating Assistance (West Marin Stagecoach)	2019	\$207,226	\$167,301	\$374,527
6	NAP	Napa Valley Transportation Authority	Operating Assistance (Northern Napa County)	2019	\$206,567	\$166,769	\$373,336
7	SM	San Mateo County Transit District	Operating Assistance (Coastside Demand Response; Route 17)	2019	\$152,613	\$123,210	\$275,823
8	SON	Sonoma County Transit	Vehicle Replacements	2019	\$472,790	\$61,255	\$534,045
9	SC	Santa Clara Valley Transportation Authority	Operating Assistance (Route 68)	2019	\$78,824	\$63,638	\$142,462
<b>Section 5311 Subtotal</b>					<b>\$1,566,554</b>	<b>\$944,292</b>	<b>\$2,510,846</b>
<b>Section 5311(f) Intercity Bus Program</b>							
10	NAP	Napa Valley Transportation Authority	Napa VINE Intercity Bus Routes	2019	\$222,000	\$179,229	\$401,229
<b>Section 5311 Subtotal</b>					<b>\$222,000</b>	<b>\$179,229</b>	<b>\$401,229</b>
<b>Total Grouped Listing</b>					<b>\$1,788,554</b>	<b>\$1,123,521</b>	<b>\$2,912,075</b>

**GL: Lifeline Transportation Program  
Cycle 5  
(TIP ID- VAR170025)**

**Last updated with 2021 TIP Update**

### Cycle 5 Lifeline Transportation Program of Projects (FY2016-17 and FY2017-18)

#	Project	Project Sponsor	Project Description	STA	STA	STA	5307	TOTAL Lifeline Funding	Local Funds	Program Year
				(95%) <sup>1</sup>	(5% Conting.) <sup>1</sup>	(Add'l Revenue) <sup>1</sup>				
1	Preservation of Existing Services in Communities of Concern	AC Transit	The project aims to continue and improve transit service to several key Communities of Concern in the southern, central and northern portions of Alameda County. The routes (Route 20, 40, 51A, 51B, 72, 800, and 801) serve low-income communities that have been identified because of spatial gaps in service in the Community Based Transportation Plan (CBTP).	2,051,426	83,748		1,514,825	3,649,999		2019
2	Route 14 Operating Assistance	LAVTA	Wheels Route 14 provides service between the North Livermore Low Income Community and a variety of essential destinations including shopping, employment, healthcare, and direct regional rail connections via the Livermore Transit Center/ACE station and Dublin/Pleasanton BART station.	320,000				320,000		2019
3	Coliseum BART Elevator Renovation Project	BART	Renovation of two elevators at the Coliseum BART Station as part of Phase 1 for the Elevator Renovation Program. The project addresses the growing needs of aging equipment to provide safe, reliable, and operational elevators in an area servicing a community that is roughly 30% low-income.	720,000				720,000		2019
4	Operations Support for Route 2	Union City Transit	The Route 2 is the main east-west route in the area that connects the Union City Intermodal Station with job centers along the Whipple Road corridor, which includes a lot of manufacturing and distribution facilities. The route provides vital lifeline public transportation access for the Decoto neighborhood, an established Community of Concern in Union City.	182,512				182,512		2019
5	Preserve Operations in Central County Communities of Concern	County Connection (CCCTA)	Maintain existing services on routes in low income areas in Central Contra Costa County. The identified routes link low-income riders with employment centers, schools, retail and services.	752,666			14,057	766,723		2019
6	Pittsburg Bay Point Elevator Replacement	BART	Renovation of two elevators at the Pittsburg/Bay Point/Antioch BART Station as part of the Elevator Renovation Program. The project addresses the growing needs of aging equipment to provide safe, reliable, and operational elevators in an area servicing a Community of Concern.	-			954,259	954,259	238,565	2019
7	Preserve Operations in West County Communities of Concern	AC Transit	Maintain existing service on Lines 71, 76, 376, 800. These routes provide basic transportation services to AC Transit riders, 70 percent of whom are low income. All lines serve and/or are predominantly located in Communities of Concern. All lines presently provide service to employment, services, retail, schools, health care and coordination to BART stations. Funding this project would preserve existing headways and service span.	1,090,123				1,090,123		2019
8	Contra Costa College Connection: Increase Frequency on C3 Operations	WestCAT	Increase frequency on Route C3, which operates between Hercules Transit Center and Contra Costa College in San Pablo. The Lifeline funding under this grant would allow WestCAT to decrease headways from 60 minutes to 30 minutes. WestCAT estimates the increased service will increase low income ridership 35-40% or approximately 26,000 new low income passenger trips annually.	250,000				250,000		2019
9	Bus Stop Improvements	Marin Transit	This project will fund bus stop improvements and real time transit information signs in the Canal neighborhood of San Rafael and additional real time transit information signs at high usage stops in the City of Novato.	24,545	1,292		174,163	200,000	18,996	2019
10	Imola Avenue/SR 29 Express Bus Improvement	Napa Valley Transportation Agency (NVTA)	Rehabilitation of the Park and Ride facility; and bicycle and pedestrian facilities on State Route 29 (SR-29) and Imola Avenue; northbound and southbound on/off ramps to serve Vine Transit express buses. Improvements will allow Vine Route 29, which provides service to the Vallejo Ferry Terminal and the El Cerrito del Norte BART station, to operate on the corridor.	295,846	7,567		150,398	453,811		2019
11	Expanding and Continuing Late Night Transit Service to Communities in Need	SFMTA	SFMTA will provide new late night service on the L Owl line along the Embarcadero to Fisherman's Wharf and continue providing Owl service on key segments of the 44 O'Shaughnessy line, 48 Quintara/24th Street Muni lines. This service provides transit access from a Community of Concern to activity centers.	1,732,392	44,315		801,563	2,578,270		2019
12	Wheelchair Accessible Taxi Incentive Program	SFMTA	This program provides financial incentives to increase the supply of accessible wheelchair ramp taxis available through the Paratransit program. The additional ramp taxis will be in general circulation, increasing mobility options citywide for wheelchair users.			75,000		75,000		2019
13	Enhanced Shop-a-Round and Van Gogh Recreational Shuttle Service	SFMTA	SFMTA will provide Shop-Around Shuttle service that seeks to provide group van transportation to and from grocery stores with driver assistance in carrying grocery bags for seniors and individuals with disabilities who do not meet ADA program requirements. It provides service seven days a week with two pick-up times available on			32,462		32,462		2019
14	Daly City Bayshore Shuttle	City of Daly City (via SamTrans)	Provide a circulator shuttle service connecting the Bayshore neighborhood in Daly City with transit and important destinations in the western portion of Daly City. The shuttle is free for passengers and operates for 14 hours, Monday through Friday, providing 11 round trips.	300,000				300,000		2019
15	Operating Support for Expanded Route 17 Service	SamTrans	This project will continue funding the operation of existing Lifeline funded expanded fixed route service for SamTrans Route 17 on the Coastside of San Mateo County. The expanded service provides service to Montara, additional peak commute period service, Sunday service, and later evening hours 7 days a week.	338,312				338,312		2019

**Cycle 5 Lifeline Transportation Program of Projects (FY2016-17 and FY2017-18)**

#	Project	Project Sponsor	Project Description	STA	STA	STA	5307	TOTAL Lifeline Funding	Local Funds	Program Year
				(95%) <sup>1</sup>	(5% Conting.) <sup>1</sup>	(Add'l Revenue) <sup>1</sup>				
16	Operating Support for SamCoast Service	SamTrans	This project will continue funding the operation of SamCoast, a general public demand response system on the Coastside of San Mateo County centered in Pescadero.	203,220		25,420		228,640		2019
17	San Mateo County Transportation Assistance for Low-Income Residents	Human Services Agency (via SamTrans)	The Transportation Assistance Program (TAP) will provide fares for public transportation (such as bus tickets or tokens and possibly bus passes) to low-income families and individuals who are receiving homeless and safety net services from a network of countywide provider agencies. The transportation assistance will assist clients with their transportation needs related to Self-Sufficiency and Family Strengthening activities such as: employment search, employment workshops, job interviews, emergency and health related needs, family counseling, trips to referral agencies, trips to homeless shelters, and housing search.	200,000		36,000		236,000		2019
18	DriveForward Vehicle Loan Program, San Mateo County	Peninsula Family Services (via VTA)	The DriveForward Vehicle Loan Program provides low-interest auto loans to individuals who are unable to access affordably-priced consumer loan financing. The loans, coupled with financial education credit repair assistance, help address transportation barriers so that individuals can pursue efforts at self-sufficiency, including work, education, asset building, and job training.				275,000	275,000	275,000	2019
19	Menlo Park Crosstown Shuttle	City of Menlo Park (via SamTrans)	The Menlo Park Crosstown Shuttle is a proposed expansion to the current "Midday Shuttle" (M1-Menlo Midday and M2-BelleHaven routes), which has been providing the Belle Haven community and other neighborhoods with reliable local transit since 1998. The shuttle primarily serves the low-income community by providing all-day access to essential destinations not otherwise available.	150,000	30,480	13,865		194,345		2019
20	Fixed Route 280	SamTrans	Route 280 provides vital connections which serve Communities of Concern between East Palo Alto, the Stanford Shopping Center, and the Palo Alto Caltrain Station. Route 280 provides residents of East Palo Alto access to public transit options for completing work trips without the use of an automobile.				276,311	276,311	276,311	2019
21	Bus Stop Enhancement Program	Valley Transportation Authority	This program will provide up to 100 new bus shelters, ADA enhancements, upgraded stop amenities such as benches, lighting, trash receptacles, and digital real-time displays at various bus stops located along high ridership corridors and in Community-Based Transportation Plan study areas.	2,405,763	40,815	101,083	1,581,482	4,129,143		2019
22	Mobility Assistance Program (MAP)	Valley Transportation Authority	This program seeks to provide several reduced cost and no-cost transportation options to all qualified low-income individuals and families in Santa Clara County with an emphasis on CalWORKSs Program participants, older adult workers, and disabled and low income individuals. Programs include door-to-door rides, supporting public transit use with a focus on residents of MTC's designated Communities of Concern.	785,345	40,815	101,082		927,242		2019
23	Reduced Fare Local Taxi Program	Fairfield and Suisun Transit	The reduced fare Taxi Program provides a subsidized taxi for seniors or people with disability residing in Fairfield or Suisun City.	141,836				141,836		2019
24	SolTrans Route 1 - Maintain Lifeline Fixed Route Service	SolTrans	The funding request is for SolTrans fixed route 1 which services the communities of concern in Vallejo.	600,000				600,000		2019
25	Solano County Intercity Taxi Scrip Program	Solano Transportation Authority	The Intercity Taxi Card Program provides a subsidized taxi for seniors or people with disability residing in Solano County.	200,000				200,000		2019
26	SolanoExpress Blue Line Expanded Service (Fairfield)	Fairfield and Suisun Transit	The project will help fund expanded service for the new Solano Express Blue line which services several communities of concern between Pleasant Hill Bart and Downtown Sacramento.				236,460	236,460	236,460	2019
27	SolanoExpress Blue Line Expanded Service (Vacaville)	Fairfield and Suisun Transit	The project will help fund expanded service for the new Solano Express Blue line which services several communities of concern between Pleasant Hill Bart and Downtown Sacramento.				102,657	102,657	102,657	2019
28	SolTrans Route 2 - Maintain Lifeline Fixed Route Service (Vallejo)	SolTrans	The funding request is for SolTrans Fixed Route 2 which services the communities of concern in Vallejo.				300,929	300,929	300,929	2019
29	Petaluma Transit Weekend Service	Petaluma Transit	Project will support continued fixed route bus service on Saturday and Sunday for one year, in order to meet the needs of riders who have employment and other weekend travel needs.	132,107	3,361	8,004	51,053	194,525		2019
30	Lifeline Route Operations	Santa Rosa CityBus	Project will support continued operations of Santa Rosa CityBus Lifeline routes serving the Roseland Community of Concern in the City of Santa Rosa.	383,261	9,804	23,167	148,112	564,344		2019
31	CNG Bus Purchase	Sonoma County Transit	Project will assist with the purchase of one compressed natural gas (CNG) transit coach. The new CNG buses would be deployed on routes primarily serving the Healdsburg, Lower Russian River and Sonoma-Springs CBTP areas. The timely replacement of Sonoma County Transit's CNG buses ensures comfortable and reliable public transit service throughout the fixed-route system.				223,995	223,995	55,999	2019

**Cycle 5 Lifeline Transportation Program of Projects (FY2016-17 and FY2017-18)**

#	Project	Project Sponsor	Project Description					TOTAL Lifeline Funding	Local Funds	Program Year
				STA (95%) <sup>1</sup>	STA (5% Conting.) <sup>1</sup>	STA (Add'l Revenue) <sup>1</sup>	5307			
32	Feeder Bus Service in Healdsburg, Lower Russian River and Sonoma-Springs Areas	Sonoma County Transit	Project will continue peak commute feeder bus service on routes providing service within the Healdsburg, Lower Russian River and Sonoma – Springs CBTP areas. SCT routes 52, 53, 54, and 56 provide feeder bus connections to SMART's passenger rail service and enhanced peak commute service between various outlying low-income areas and where the majority of jobs and services are located within the cities of Santa Rosa and Petaluma.	579,621	14,845	35,019		629,485		2019
33	Participatory Budget Pilot Reserve - San Francisco Bayview Hunter's Point Community Based Transportation Plan	TBD	Reserve funds for Participation Budgeting pilot projects that are recommended through SFMTA's Bayview Hunter's Point Community Based Transportation Plan and PB Pilot program.	600,000				600,000		2019
34	Participatory Budget Pilot Reserve - City of Vallejo Community Based Transportation Plan	TBD	Reserve funds for Participation Budgeting pilot projects that are recommended through Solano Transportation Authority's City of Vallejo Community Based Transportation Plan and PB Pilot program.	400,000				400,000		2019
<b>Total Programming</b>				<b>14,838,975</b>	<b>277,042</b>	<b>451,102</b>	<b>6,805,264</b>	<b>22,372,383</b>	<b>1,504,917</b>	

**Notes**

(1) Because the FY 18 actual STA amounts will be confirmed by the State Controller after July 2018, only 95 percent of each county's STA amount will be available to be claimed by project sponsors until further notice. The County Lifeline Program Administrators programmed 95 percent of their county's STA amount, and then developed a contingency plan for the remaining five percent should it be available. Some agencies have contingencies unprogrammed.

(2) Santa Clara County projects are pending Santa Clara Valley Transportation Authority Board and County Board of Supervisors approval.

(3) Funds are being reserved for each PB Pilot program as listed. Specific projects will be amended and add into this Cycle 5 program, once projects have been recommended through the PB Pilot program process.

**GL: FTA 5311 Rural Area Program  
FY2018-19 and FY2019-20  
(TIP ID – VAR170026)**

**Last updated with 2021 TIP Update**

**FTIP Back-up List for FTA Section 5311 FY 2020 Rural Area Formula Program TIP ID: VAR170026**

As Updated with TIP Revision 2021-00

No.	County	Subrecipient	Project Description	Program Year	Federal Share	Local Share	Total Project Cost
<b>Section 5311</b>							
1	MAR	Marin County Transit District	Operating Assistance (West Marin Stagecoach)	2020	\$231,638	\$187,010	\$418,648
2	NAP	Napa Valley Transportation Authority	Operating Assistance (Northern Napa Co.)	2020	\$233,844	\$188,791	\$422,635
3	SM	San Mateo County Transit District	Operating Assistance (Coastside, Rt. 17)	2020	\$173,369	\$139,967	\$313,336
4	SCL	Santa Clara Valley Transportation Authority	Operating Assistance (Rt. 68)	2020	\$88,590	\$71,522	\$160,112
5	SOL	City of Dixon	Solano Express Bus Stop (Transit Capital)	2020	\$50,000	\$6,478	\$56,478
6	SOL	City of Dixon	Operating Assistance (Readi-Ride)	2020	\$255,123	\$205,970	\$461,093
7	SOL	Rio Vista Delta Breeze	Operating Assistance	2020	\$150,000	\$121,101	\$271,101
8	SON	Sonoma County Transit	Transit Vehicle Replacement	2020	\$535,977	\$69,442	\$605,419
<b>Section 5311 Subtotal</b>					<b>\$1,718,541</b>	<b>\$990,281</b>	<b>\$2,708,822</b>
<b>Section 5311(f) Intercity Bus Program</b>							
<b>Section 5311f Subtotal</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Grouped Listing</b>					<b>\$1,718,541</b>	<b>\$990,281</b>	<b>\$2,708,822</b>

**FTIP Back-up List for FTA Section 5311 FY 2019 Rural Area Formula Program TIP ID: VAR170026**

As Updated with TIP Revision 2021-00

No.	County	Subrecipient	Project Description	Program Year	Federal Share	Local Share	Total Project Cost
<b>Section 5311</b>							
1	CC	CCCTA (County Connection)	Operating Assistance (Rural Contra Costa County)	2019	\$52,524	\$42,405	\$94,929
2	MAR	Marin County Transit District	Operating Assistance (West Marin Stagecoach)	2019	\$215,087	\$173,648	\$388,735
3	NAP	Napa Valley Transportation Authority	Operating Assistance (Northern Napa Co.)	2019	\$214,413	\$173,103	\$387,516
4	SM	San Mateo County Transit District	Operating Assistance (Coastside, Rt. 17)	2019	\$158,411	\$127,892	\$286,303
5	SCL	Santa Clara Valley Transportation Authority	Operating Assistance (Rt. 68)	2019	\$81,816	\$66,053	\$147,868
6	SOL	Rio Vista Delta Breeze	Operating Assistance	2019	\$135,000	\$108,991	\$243,991
7	SOL	Rio Vista Delta Breeze	Transit Vehicle Replacement	2019	\$75,000	\$9,717	\$84,717
8	SOL	City of Dixon	Operating Assistance (Readi-Ride)	2019	\$203,235	\$164,079	\$367,314
9	SON	Sonoma County Transit	Transit Vehicle Replacement	2019	\$490,750	\$63,582	\$554,332
<b>Section 5311 Subtotal</b>					<b>\$1,626,236</b>	<b>\$929,469</b>	<b>\$2,555,705</b>
<b>Section 5311(f) Intercity Bus Program</b>							
10	NAP	Napa Valley Transportation Authority	Operating Assistance	2019	\$283,186	\$126,499	\$409,685
<b>Section 5311f Subtotal</b>					<b>\$283,186</b>	<b>\$126,499</b>	<b>\$409,685</b>
<b>Total Grouped Listing</b>					<b>\$1,909,422</b>	<b>\$1,055,968</b>	<b>\$2,965,390</b>



**GL: Pavement Resurfacing and/or Rehabilitation on the State  
Highway System – SHOPP Minor  
(TIP ID- VAR190001)**

**Last updated with 2021 TIP Update**

## FY 2020-21 Minor A Project List

## District 04

District	County	Route	Post Miles	Location/Description	EA	Project ID	Program Code	Construction (Life of Project)	Right of Way (Life of Project)	Support (Life of Project)	Project Total	Performance Value	Performance Measure
04	San Mateo	84	24.6/25.0	In San Mateo County, in Redwood City from 0.3 mile north of Hess Road to 0.1 mile south of Middlefield Road. Pavement rehabilitation.	0P110	0417000398	201.121	850,000	5,000	100,000	955,000	1.5	Lane mile(s)
04	Alameda	980	1.2	In Alameda County, in the city of Oakland at the Caltrans District Office. Architectural and Engineering Contract to develop District 4 Transportation Systems Management and Operations (TSM&O) Master Plan.	2AC70	0420000123	201.315	950,000	-	750,000	1,700,000	0	Field Element(s)
04	Alameda	980	1.2	In Alameda County, in the city of Oakland at the Caltrans District Office Transportation Management Center (TMC). Replace TMC theater consoles, cabinets, and flooring.	2AC80	0420000124	201.315	1,250,000	-	900,000	2,150,000	0	Field element(s)
04	Alameda	980	12	In Alameda, Contra Costa, Marin, Santa Clara, San Francisco, San Mateo and Solano Counties, on various routes at various locations. Repair/restore non-functional electrical elements (no end life replacement).	4AC20	0420000138	201.315	620,000	10,000	455,000	1,085,000	0	Field Element(s)
04	Santa Clara	101	3.28/3.72	In Santa Clara County, from Castro Valley Road to Route 101 southbound Route 25 offramp. Reconstruct the inside shoulder.	0W180	0420000189	201.150	1,000,000	-	300,000	1,300,000	1	Location(s)
04	Solano	80	6.7	In Solano County, in Vallejo at the Hunter Hill Safety Roadside Rest Area; also in Marin County at the Dana H. Bowers Safety Roadside Rest Area (SRRR Rehabilitation). Project will rehabilitate landscaping, damaged/rusty fixtures, replace/repair appurtenances that have been damages due to weather.	0W630	0420000271	201.250	1,200,000	11,900	950,000	2,161,900	1	Location(s)
04	San Francisco	80	4.9	In the City and County of San Francisco, at the 5th Street Undercrossing. Install fence, maintenance gate, drive access and replace K-rail with approve traffic safety device.	0W650	0420000274	201.235	650,000	5,000	800,000	1,455,000	1	Location(s)
04	Marin	131	2.3/3.0	In Marin County, in Tiburon from Avenida Mira Flores to Gilmartin Drive. Wooden walkway.	0W760	0420000290	201.378	1,250,000	5,000	1,000,000	2,255,000	2	Curb ramp(s)
04	Contra Costa	680	R0.0/R7.6	In Contra Costa County, in San Ramon and Danville from 0.1 mile south of Alcosta Boulevard to Diablo Road. Pavement rehabilitation.	0W770	0420000291	201.121	1,000,000	5,000	850,000	1,855,000	7.6	Lane mile(s)
04	Marin	1	17.6	In Marin County, on Route 1 near Horseshoe Hill Road. Replace culvert.	0P720	0417000511	201.130	314,000	-	152,000	466,000	1	Location(s)
04	Solano	113	4.1	In Solano County, on Route 113 near Creed Road. Replace culvert.	3Q720	0419000248	201.130	314,000	-	152,000	466,000	1	Location(s)
04	Sonoma	1	49.8/50.0	In Sonoma County, on Route 1 near Yardarm Drive. Replace culverts.	3AA30	0420000059	201.130	314,000	-	152,000	466,000	2	Location(s)
04	Alameda	880	8.8	In Alameda County, in the city of Fremont on Route 880 near Thornton Avenue. Injection grouting.	2AC30	0420000116	201.130	314,000	-	152,000	466,000	1	Location(s)
04	San Mateo	84	22.1	In San Mateo County, in the Town of Woodside on Route 84 near High Road. Injection grouting.	0W410	0420000231	201.130	314,000	-	152,000	466,000	1	Location(s)
04	Marin	1	40.11	In Marin County, near the town of Marshall on Route 1. Replace culvert.	0W550	0420000261	201.130	314,000	-	152,000	466,000	1	Location(s)
04	Alameda	980	1.2	In Alameda County, in Oakland at the District 4 Office Building. Modernize conference rooms.	0W640	0420000272	201.353	314,000	-	250,000	564,000	1	Location(s)
04	Contra Costa	24	R6.841	In Contra County, in Lafayette at Browns Avenue. Sinkhole repair.	0W610	0420000273	201.151	314,000	5,000	220,000	539,000	1	Culvert(s) (ea)
04	Santa Clara	101	48.6	In Santa Clara County, in the city of Mountain View on Route 101, at the N. Shoreline Boulevard onramp to southbound Route 101. Injection grouting and replace culvert.	0W680	0420000277	201.130	314,000	-	152,000	466,000	1	Location(s)
04	San Mateo	92	R11.3/R11.5	In San Mateo County, in the city of San Mateo on Route 92 between Delaware Street and El Camino Real. Injection grouting.	0W690	0420000278	201.130	314,000	-	152,000	466,000	2	Location(s)
04	Alameda	580	20.961/R27.0	In Alameda County, in and around Pleasanton, from 580/680 Separation to Castro Valley Undercrossing. Pavement rehabilitation.	0W780	0420000292	201.121	314,000	5,000	220,000	539,000	1.0	Lane mile(s)

## FY 2020-21 Minor A Project List

## District 04

District	County	Route	Post Miles	Location/Description	EA	Project ID	Program Code	Construction (Life of Project)	Right of Way (Life of Project)	Support (Life of Project)	Project Total	Performance Value	Performance Measure
04	Alameda	84	R5.394/R5.984	In Alameda County, in Newark from Lake Boulevard to 84/880 Separation (northbound only). Pavement rehabilitation.	0W790	0420000293	201.121	314,000	5,000	200,000	519,000	1.3	Lane mile(s)
04	Alameda	580	R40.1/R40.3	In Alameda County, in the city of Oakland on Route 580 near Maybelle Avenue. Repair sound walls.	0W810	0420000297	201.130	314,000	-	152,000	466,000	3	Location(s)
04	Contra Costa	4	R16.76	In Contra Costa County, on Route 4 near Willow Pass Road (western and eastern abutments). Slope paving at Bridge No.28-0246 L/R.	0W820	0420000298	201.130	314,000	-	152,000	466,000	2	Location(s)
04	Alameda	80	5.8	In Alameda County, in the city of Berkeley on Route 80 near University Avenue and in the city of Oakland on Route 580 near Grand Avenue. Injection grouting.	0W920	0420000309	201.130	314,000	-	152,000	466,000	2	Location(s)
04	San Francisco	280	R4.23	In the City and County of San Francisco, at the Rickard Street Maintenance Station. Injection grouting and repair drainage system.	0W940	0420000311	201.130	314,000	-	152,000	466,000	1	Location(s)
04	Sonoma	101	27.415	In Sonoma County, on Route 101 at northbound offramp to Shiloh Road. Modify traffic signals.	0W960	0420000315	201.010	72,000	10,000	180,000	262,000	1	Collision(s) reduced
04	Sonoma	116	28.48	In Sonoma County, on Route 116 at PM 28.48. Remove fixed objects and extend culvert.	0W970	0420000316	201.015	163,000	10,000	180,000	353,000	2	Collision(s) reduced
04	Sonoma	12	19.59	In Sonoma County, on Route 12. Install two Americans with Disabilities Act (ADA) curb ramps.	0W980	0420000317	201.361	156,000	10,000	180,000	346,000	2	Curb ramp(s)
04	Santa Clara	9	9.55	In Santa Clara County, on Route 9 Intersection of Austin Way. Install Flashing Beacons (FB) and bike loop to activate the FBs.	1W030	0420000318	201.010	147,000	10,000	200,000	357,000	2	Collision(s) reduced
04	San Mateo	1	18.189	In San Mateo County, on Route 1 and Route 84 Junction. Install safety lighting.	1W040	0420000319	201.010	206,000	10,000	190,000	406,000	2	Collision(s) reduced
04	San Mateo	280	11.464	In San Mateo County, on Route 280 at intersection of southbound onramp and Foothill Expressway. Install crosswalk with Rectangular Rapid Flashing Beacon (RRFB), curb ramp and extend sidewalk.	1W050	0420000320	201.361	99,100	10,000	180,000	289,100	4	Curb ramp(s)
04	Marin	131	2.06	In Marin County, on Route 131 at intersection with Stewart Drive. Install pedestrian hybrid beacons.	0W990	0420000321	201.010	290,000	10,000	261,000	561,000	2	Collision(s) reduced
04	Marin	1	1.01	In Marin County, on Route 1 at intersection with Tennessee Avenue. Install Rectangular Rapid Flashing Beacon (RRFB) and widen shoulder.	1W000	0420000322	201.010	270,000	10,000	243,000	523,000	2	Collision(s) reduced
04	Alameda	80	3.564	In Alameda County, on mainline Route 80. Install route shield pavement marking.	1W010	0420000323	201.015	241,000	10,000	217,000	468,000	1	Collision(s) reduced
04	Contra Costa	4	R9.029	In Contra Costa County, on Route 4. Install pedestrian signals and Accessible Pedestrian Signals (APS).	1W020	0420000324	201.361	247,000	15,000	222,000	484,000	4	Curb ramp(s)

\$	15,685,100	\$	161,900	\$	10,872,000	\$	26,719,000
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FY 2019-20 Minor Construction Program Project List

Districts 04

Dist	County	Route	Post Miles	Location/Description	EA	EFIS	Prog Code	Estimated Capital Outlay			Performance Measure	
								Estimated Construction State/Federal	Estimated Right of Way	Support (Life of Project)		Total Project Cost
04	Marin	101	8.9	In Marin County, in Larkspur, at Sir Francis Drake Boulevard. Construct downdrain and erosion control.	0Q730	0418000143	201.151	\$475,000	\$50,000	\$300,000	\$ 825,000	230 Culvert(s)
04	Alameda	80/580/880	3.2/46.6/R35.2	In Oakland, on Routes 80, 580 and 880, install Intermediate Enhanced Reference Location (IERL) signs per every tenth of the mile in MacArthur Maze.	3Q690	0419000244	201.015	\$ 835,000	\$ 15,000	\$ 700,000	\$ 1,550,000	6 Collision(s) reduced
04	Santa Clara	Var	Var	In Santa Clara County, on Routes 87, 101 and 880 at various locations. Replace electrical controls at three pump stations.	3Q830	0419000269	201.352	\$1,000,000	\$5,000	\$750,000	\$ 1,755,000	2 Location(s)
04	Contra Costa	4	R32.7/R34.0	In Contra Costa County, in Orinda on Route 4 from 0.2 mile west of Lone Treey Way undercrossing to Sand Creek Way Bridge. Pavement rehabilitation (westbound direction only).	4Q160	0419000353	201.121	\$1,000,000	\$5,000	\$750,000	\$ 1,755,000	4.0 Lane mile(s)
04	Contra Costa	24	0.4/1.0	In Contra Costa County, on Route 24 in Orinda from Fish Ranch Road to 0.2 mile west of Gateway Boulevard Overcrossing. Pavement rehabilitation.	4Q330	0419000378	201.121	\$900,000	\$5,000	\$750,000	\$ 1,655,000	3.0 Lane mile(s)
								\$ 4,210,000	\$ 80,000	\$ 3,250,000	\$ 7,540,000	

FY 2018-19 Minor Construction Program Project List

District 4

Dist	County	Route	Post Miles	Location/Description	EA	EFIS	Prog Code	Construction		Estimated		Capital Outlay		Total	
								State/Federal	Right of Way	Suppot	Project Cost	Performance Measure			
4	Alameda	185	3.2/3.8	In and near San Leandro, along Route 185. Asphalt pavement resurfacing and upgrade curb ramps.	1K340	0416000298	201.121	\$ 1,000,000	\$ 5,000	\$ 800,000	\$ 1,805,000	1.0 Lane Mile(s)			
4	Alameda/ San Mateo	1, 980	40.6/46.4, 1.2	In Pacifica, at 4 intersections on Route 1. Install adaptive traffic control system and related backend hardware. Software to be housed in the Oakland District Office.	0P710	0417000506	201.315	\$ 960,000	\$ -	\$ 960,000	\$ 1,920,000	4 Field Element(s)			
4	Napa	121, 128	19.6/21.1, 19.1/22.2	In Napa, on Routes 121 and 128. Replace trees after fire.	1Q860	0418000347	201.210	\$ 500,000	\$ 1,000	\$ 1,000,000	\$ 1,501,000	55.0 Acre(s)			
4	Napa/ Sonoma	128	24.2/24.8, 0.0/1.1, 18.7/22.2	In and near Calistoga, Lake Berryessa and Napa, on Route 128, from 0.1 miles east of Bidwell Creek to 0.7 miles Bennett Lane and 0.4 miles west Berryessa Knoxville Road to Capell Valley Road. Replace highway planting after fire.	1Q870	0418000348	201.210	\$ 650,000	\$ 1,000	\$ 1,200,000	\$ 1,851,000	30.0 Acre(s)			
4	San Mateo	84	24.3/25.1	In Redwood City, at Junction Route 82. Asphalt pavement resurfacing and upgrade curb ramps.	0P110	0417000398	201.121	\$ 600,000	\$ 5,000	\$ 450,000	\$ 1,055,000	3.0 Lane Mile(s)			
4	San Mateo	35	28.4/28.8	In Halfmoon Bay, at the Route 1/Route 35 Intersection. Bicycle safety and access improvements (green zone striping).	1Q260	0418000226	201.999	\$ 480,000	\$ 10,000	\$ 250,000	\$ 740,000	0.5 Lane Mile(s)			
4	Solano	29	0.1/1.9	In Vallejo, on Route 29 (Solano Boulevard) from Maritime Academy Drive to Curtola Parkway. Restripe bike lane markings to widen outside lanes, and install shared lane markings.	2Q180	0418000433	201.999	\$ 920,000	\$ 5,000	\$ 1,012,000	\$ 1,937,000	3.6 Lane Mile(s)			
								\$ 5,110,000	\$ 27,000	\$ 5,672,000	\$ 10,809,000				

**GL: FTA Section 5310 – Enhanced Mobility for Seniors and  
Persons with Disabilities Program –  
FY2017-18 and FY2018-19  
(TIP ID – VAR190005)**

**Last updated with 2021 TIP Update**

**FTIP Back-up List for Enhanced Mobility of Seniors & Individuals with Disabilities Program**  
**(FTA 5310 - FY 2018 & FY 2019) TIP ID: VAR190005**  
As Updated with the 2021 TIP Update

No.	County	Subrecipient	Project	Program Year	Total Grant Award		Total Project Cost
					Federal Share	Toll Credit	
1	CON	Eastern Contra Costa	Operating Assistance	2020	\$ 95,391	\$ 95,391	\$190,782
2	CON	Mobility Matters	Mobility Management	2020	\$ 209,861	\$ 52,465	\$262,326
3	CON	Choice in Aging	Operating Assistance	2020	\$ 55,235	\$ 55,235	\$110,470
4	CON	City of Lafayette: Lamorinda Spirit Van	Operating Assistance	2020	\$ 82,500	\$ 82,500	\$165,000
5	CON	Contra Costa Transportation Authority	Mobility Management	2020	\$ 148,408	\$ 37,102	\$185,510
6	CON	Golden Rain Foundation Walnut Creek	Three R Large Buses; One SE Medium Bus	2020	\$ 256,240	\$ 64,060	\$320,300
7	CON	Mobility Matters	Mobility Management	2020	\$ 142,404	\$ 35,601	\$178,005
8	CON	The Respite Inn	One R Minivan	2020	\$ 44,800	\$ 11,200	\$56,000
9	ALA	Alegria Community Living	Five R Minivans	2020	\$ 224,000	\$ 56,000	\$280,000
10	ALA	Bay Area Outreach Program	One R Large Bus	2020	\$ 64,960	\$ 16,240	\$81,200
11	SF	Casa Allegra Community Services	One R Minivan	2020	\$ 44,800	\$ 11,200	\$56,000
12	SF	Center for Elders' Independence	Five R Medium Buses; Two SE Medium Buses; Mobile Radios (7)	2020	\$ 435,120	\$ 108,780	\$543,900
13	ALA	Eden I&R	Mobility Management	2020	\$ 140,499	\$ 35,125	\$175,624
14	ALA	Friends of Children with Special Needs	Two SE Minivans	2020	\$ 89,600	\$ 22,400	\$112,000
15	SF	Institute on Aging	Four R Medium Buses	2020	\$ 245,440	\$ 61,360	\$306,800
16	SF	Kimochi, Inc.	One R Large Bus	2020	\$ 64,960	\$ 16,240	\$81,200
17	SF	Lighthouse for the Blind and Visually Impaired	Mapping Software	2020	\$ 51,038	\$ 12,759	\$63,797
18	SF	Lighthouse for the Blind and Visually Impaired	Mobility Management	2020	\$ 320,000	\$ 80,000	\$400,000
19	MRN	Marin County Transit District	Mobility Management	2020	\$ 130,240	\$ 32,560	\$162,800
20	MRN	Marin Senior Coordinating Council, Inc	Six R Large Buses	2020	\$ 389,760	\$ 97,440	\$487,200
21	CON	Mobility Matters	Operating Assistance	2020	\$ 43,502	\$ 43,502	\$87,004
22	CON	Mobility Matters	Mobility Management	2020	\$ 53,576	\$ 13,394	\$66,970
23	ALA, SF	On Lok Senior Health Services	Six R Small Buses; One R Minivan	2020	\$ 386,560	\$ 96,640	\$483,200

**FTIP Back-up List for Enhanced Mobility of Seniors & Individuals with Disabilities Program**  
**(FTA 5310 - FY 2018 & FY 2019) TIP ID: VAR190005**  
As Updated with the 2021 TIP Update

No.	County	Subrecipient	Project	Program Year	Total Grant Award		Total Project Cost
					Federal Share	Toll Credit	
1	CON	Eastern Contra Costa	Operating Assistance	2020	\$ 95,391	\$ 95,391	\$190,782
24	SM	Peninsula Family Service	Operating Assistance	2020	\$ 136,936	\$ 136,936	\$273,872
25	SM	Peninsula Jewish Community Center	Operating Assistance	2020	\$ 156,000	\$ 156,000	\$312,000
26	SF	Pomeroy Recreation & Rehabilitation Center	One R Small Bus	2020	\$ 56,960	\$ 14,240	\$71,200
27	CC	SAHA	One SE Small Bus	2020	\$ 56,960	\$ 14,240	\$71,200
28	CC	SAHA	Operating Assistance	2020	\$ 52,100	\$ 52,100	\$104,200
29	SF	San Francisco Municipal Transportation Authority	Mobility Management	2020	\$ 336,879	\$ 84,220	\$421,099
30	SF	Self-Help for the Elderly	One R Medium Bus; Two R Large Buses; Computer Hardware	2020	\$ 193,678	\$ 48,420	\$242,098
31	ALA	The Center of Independent Living	Mobility Management	2020	\$ 240,000	\$ 60,000	\$300,000
32	SCL	Friends of Children with Special Needs	Two SE Minivans	2020	\$ 89,600	\$ 22,400	\$112,000
33	SCL	Friends of Children with Special Needs	Operating Assistance	2020	\$ 464,466	\$ 464,466	\$928,932
34	SCL	Metropolitan Transportation Commission	Mobility Management	2020	\$ 166,950	\$ 41,737	\$208,687
35	SCL	On Lok	Six SE Small Buses; 8 R Small Buses	2020	\$ 797,440	\$ 199,360	\$996,800
36	SCL	Outreach and Escort	Mobility Management	2020	\$ 620,465	\$ 155,116	\$775,581
37	SCL	Outreach and Escort	Operating Assistance	2020	\$ 400,000	\$ 400,000	\$800,000
38	SCL	West Valley Community Services	Operating Assistance	2020	\$ 324,727	\$ 324,727	\$649,454
39	SCL	Avenidas	Operating Assistance	2020	\$ 220,738	\$ 220,738	\$441,476
40	SON	Becoming Independent	Two R Small Buses; One R Medium Bus	2020	\$ 175,280	\$ 43,820	\$219,100
41	SON	City of Santa Rosa	One R Large Bus	2020	\$ 64,960	\$ 16,240	\$81,200
42	SON	County of Sonoma, Human Services Department	Operating Assistance	2020	\$ 57,455	\$ 57,455	\$114,910
43	SON	County of Sonoma, Human Services Department	Mobility Management	2020	\$ 97,721	\$ 24,430	\$122,151
44	SOL	Milestones of Development INC	One R Minivan; Hardware; Three R Small Buses; Two SE Minivans	2020	\$ 319,360	\$ 79,840	\$399,200
45	SON	County of Sonoma, Human Services Department	Mobility Management	2020	\$ 113,760	\$ 28,440	\$142,200



**FTIP Back-up List for Enhanced Mobility of Seniors & Individuals with Disabilities Program**  
**(FTA 5310 - FY 2018 & FY 2019) TIP ID: VAR190005**  
As Updated with the 2021 TIP Update

No.	County	Subrecipient	Project	Program Year	Total Grant Award		Total Project Cost
					Federal Share	Toll Credit	
1	CON	Eastern Contra Costa	Operating Assistance	2020	\$ 95,391	\$ 95,391	\$190,782
46	SOL	Pace Solano	Small Bus	2020	\$ 56,960	\$ 14,240	\$71,200
47	SOL	Solano Transportation Authority	Mobility Management	2020	\$ 284,590	\$ 71,147	\$355,737
48	SCL	Outreach and Escort	Mobility Management	2020	\$ 136,246	\$ 34,062	\$170,308
49	SCL	Outreach and Escort	Operating Assistance	2020	\$ 64,846	\$ 64,846	\$129,692
50	SOL	City of Rio Vista	Operating Assistance	2020	\$ 150,000	\$ 150,000	\$300,000
51	SOL	Faith in Action	Operating Assistance	2020	\$ 150,000	\$ 150,000	\$300,000
52	SON	County of Sonoma, Human Services Department	Operating Assistance	2020	\$ 80,000	\$ 80,000	\$160,000
<i>Total Grouped Listing</i>					\$ 9,783,971	\$ 4,346,414	\$14,130,385

**GL: Transit Operating Assistance  
(TIP ID – VAR190006)**

**Last updated with 2021 TIP Update**

**Grouped Listing - Transit Operating Assistance**

VAR190006

County	Sponsor	Description	Program Year 2019		Program Year 2020		Total		
			5307	Local	5307	Local	5307	Local	All Funding
Napa	NVTA	Napa Vine Transit Operating Assistance	\$2,623,951	\$2,623,951	\$2,703,862	\$2,703,862	\$5,327,813	\$5,327,813	\$10,655,626
Solano	Fairfield	City of Fairfield Transit Operating Assistance	\$2,597,033	\$2,597,033	\$2,643,896	\$2,643,896	\$5,240,929	\$5,240,929	\$10,481,858
Solano	Vacaville	Vacaville Transit Operating Assistance	\$890,000	\$900,000	\$890,000	\$900,000	\$1,780,000	\$1,800,000	\$3,580,000
Solano	SolTrans	SolTrans Transit Operating Assistance	\$2,419,610	\$2,419,610	\$2,485,247	\$2,485,247	\$4,904,857	\$4,904,857	\$9,809,714
Sonoma	SantaRosa Bus	Santa Rosa CityBus Transit Operating Assistance	\$1,095,895	\$1,095,895	\$1,535,279	\$1,535,279	\$2,631,174	\$2,631,174	\$5,262,348
<b>Total</b>			<b>\$9,626,489</b>	<b>\$9,636,489</b>	<b>\$10,258,284</b>	<b>\$10,268,284</b>	<b>\$19,884,773</b>	<b>\$19,904,773</b>	<b>\$39,789,546</b>

**GL: Transit Preventive Maintenance  
(TIP ID – VAR190007)**

**Last updated with 2021 TIP Update**

**Grouped Listing - Transit Preventive Maintenance**

VAR190007

County	Sponsor	Description	Program Year 2019		Program Year 2020		Total		
			5307	Local	5307	Local	5307	Local	All Funding
Marin	MCTD	Preventive Maintenance	-	-	\$70,520	\$15,480	\$70,520	\$15,480	\$86,000
Solano	SolTrans	Preventive Maintenance	\$1,000,000	\$250,000	\$1,000,000	\$250,000	\$2,000,000	\$500,000	\$2,500,000
Sonoma	Santa Rosa Citybus	Preventive Maintenance	\$611,309	\$152,828	\$648,760	\$162,190	\$1,260,069	\$315,018	\$1,575,087
Sonoma	Sonoma County Transit	Preventive Maintenance	\$1,280,000	\$320,000	\$1,280,000	\$320,000	\$2,560,000	\$640,000	\$3,200,000
Sonoma	SMART	Preventive Maintenance	-	-	\$2,904,588	\$726,147	\$2,904,588	\$726,147	\$3,630,735
<b>Total</b>			<b>\$2,891,309</b>	<b>\$722,828</b>	<b>\$5,903,868</b>	<b>\$1,473,817</b>	<b>\$8,795,177</b>	<b>\$2,196,645</b>	<b>\$10,991,822</b>

# APPENDIX A – 48

## *2021 TIP Detail*

### **Transit Projects Compliant with Americans with Disabilities Act (ADA) Requirements**



## Transit Projects Compliant with Americans with Disabilities Act (ADA) Requirements

SI No.	County	Sponsor	Key Stations/ Systemwide	TIP ID	Project Name	Project Description
1	Alameda	AC Transit	Systemwide	ALA990076	AC Transit: ADA Paratransit Assistance	AC Transit: Systemwide: ADA Paratransit Operating Subsidy.
2	Alameda	AC Transit	Systemwide	ALA990052	AC Transit: Paratransit Van Replacement	AC Transit: Paratransit fleet: Amortized cost of replacing vans used for paratransit service. Vans are operated and replaced by paratransit contractor. FTA funds programmed annually in lieu of programming for replacing vans at end of their useful life.
3	Alameda	BART	MacArthur BART Station	ALA090068	MacArthur BART Plaza Remodel	Oakland: MacArthur BART Station: Renovate the entry plaza
4	Alameda	LAVTA	Systemwide	ALA990077	LAVTA: ADA Paratransit Operating Subsidy	LAVTA: ADA Paratransit Operating Subsidy
5	Alameda	Union C Transit	Systemwide	ALA170039	Union City: ADA Paratransit Operating Subsidy	Union City Transit: Systemwide: ADA Paratransit Operating Assistance
6	Contra Costa	BART	El Cerrito del Norte BART Station	CC-170024	El Cerrito del Norte BART Station Modernization	BART: El Cerrito del Norte BART Station: Modernize the station including expanding the station to relieve crowding, improve accessibility, reduce fare evasion, and enhance the customer experience.
7	Contra Costa	BART	Walnut Creek BART Station	CC-110082	Walnut Creek BART TOD Access Improvements	Walnut Creek: In the vicinity of the Walnut Creek BART Station: construct public access improvements that are part of the proposed transit-oriented development
8	Contra Costa	CCCTA	Systemwide	CC-99T001	CCCTA: ADA Paratransit Assistance	CCCTA: Systemwide: ADA Paratransit Assistance to transit agency.
9	Contra Costa	CCCTA	Systemwide	CC-170053	CCCTA Replace 3 Gasoline 7-Year Paratransit Vans	CCCTA: Fleetwide: Replace paratransit vehicles that have reached the end of their useful life.



**Transit Projects Compliant with Americans with Disabilities Act (ADA) Requirements (cont'd)**

<b>SI No.</b>	<b>County</b>	<b>Sponsor</b>	<b>Key Stations/ Systemwide</b>	<b>TIP ID</b>	<b>Project Name</b>	<b>Project Description</b>
10	Contra Costa	ECCTA	Systemwide	CC-030035	Tri-Delta: ADA Operating Assistance	Tridelta: Systemwide: Operating assistance to fund ADA Set Aside requirement
11	Contra Costa	Pittsburg	Pittsburg Center Station	CC-130039	Pittsburg Multimodal Transit Station Access Imps.	In Pittsburg: At the Northeast corner of Railroad Ave and California Ave: Construct a Kiss-n-Ride lot, add a right-turn lane on California Ave and improve multi-modal access to eBART station.
12	Contra Costa	WCCTA	Systemwide	CC-990045	WestCat: ADA Paratransit Operating Subsidy	WestCAT: Systemwide: ADA Paratransit Operating Subsidy
13	Marin	GGBHTD	Systemwide	MRN170009	GGBHTD: Replace Paratransit Vehicles	GGBHTD: Fleetwide: Replace paratransit vehicles
14	Marin	GGBHTD	Systemwide	MRN170024	Replace 14 - 22' Gas Body-on-Chassis Vehicles	GGBHTD: 14 paratransit vehicles: Routine replacement of paratransit vehicles that have reached end of useful life
15	Marin	MCTD	Systemwide	MRN110047	MCTD: ADA Paratransit Assistance	MCTD: Systemwide: ADA Paratransit Assistance to transit agency.
16	Marin	MCTD	Systemwide	MRN150003	MCTD: On Board Vehicle Equipment	MCTD: Farebox: Install fareboxes on 62 paratransit vehicles and Dial-A-Ride vehicles. Replace fareboxes on 18 fixed route vehicles
17	Marin	MCTD	Systemwide	MRN170003	MCTD: Replace Paratransit Vehicles	MCTD: 19 Paratransit Vehicles: Replace vehicles
18	Marin	MCTD	Systemwide	MRN170004	MCTD: Replace Paratransit Vehicles with Vans	MCTD: 3 vehicles: Replace two Paratransit Vehicles with Vans and purchase a third vehicle as a non-revenue support vehicle
19	Napa	NVTA	Systemwide	NAP030004	NVTA: ADA Operating Assistance	Napa: Systemwide: ADA operating assistance for paratransit service
20	Napa	NVTA	Systemwide	NAP090005	NVTA: Replace Rolling Stock	NVTA: Fleetwide: Replace rolling stock for fixed-route, paratransit, and community shuttle fleet.



**Transit Projects Compliant with Americans with Disabilities Act (ADA) Requirements (cont'd)**

<b>SI No.</b>	<b>County</b>	<b>Sponsor</b>	<b>Key Stations/ Systemwide</b>	<b>TIP ID</b>	<b>Project Name</b>	<b>Project Description</b>
21	Regional/ Multi-County	BART	Systemwide	BRT99T01B	BART:ADA Paratransit Capital Accessibility Improve	BART: At various stations: Capital Access Improvements Program including, station elevator improvements, installation of hands-free emergency telephones, and tactile stair tread replacement
22	San Francisco	GGBHTD	Systemwide	SF-170022	GGBHTD: Replace 2 Paratransit Vehicles	GGBHTD: 2 Paratransit Vehicles: Purchase replacement vehicles
23	San Francisco	SFMTA	Systemwide	SF-990022	SFMTA: ADA Paratransit Operating Support	Muni: ADA Paratransit Operating Subsidy.; provides funding for increased van/taxi services to people with disabilities who are prevented from using Muni's fixed route services.
24	San Francisco	SFMTA	Systemwide	SF-170006	SFMTA: Station-area Ped and Bike Access Improvemnt	SFMTA: Citywide: Reconfigure station areas to provide pedestrians and bicyclists more space to improve access
25	San Francisco	SFMTA	Systemwide	SF-090035	SFMTA: Paratransit Vehicle Replacements	SFMTA: Paratransit service across San Francisco: preserve service and replace 84 paratransit vehicles
26	San Francisco	SFMTA	Systemwide	SF-170008	SFMTA: Replace 35 Paratransit Cutaway Vans	SFMTA: 35 vehicles: Replace 35 paratransit cutaway vans
27	San Mateo	BART	Daly City BART Station	SM-130029	Daly City BART Station Intermodal Improvements	Daly City: At Daly City BART Station: Improve transit operations; pedestrian & bicycle access; and safety & patron experience
28	San Mateo	SamTrans	Systemwide	SM-990026	SAMTRANS: ADA Paratransit Operating Subsidy	SamTrans: Systemwide: ADA Paratransit Operating Subsidy.
29	San Mateo	SamTrans	Systemwide	SM-150010	SamTrans - Replacement of Cutaway Buses	SamTrans: Readi-Wheels Paratransit service: Purchase replacement cutaway buses
30	San Mateo	SamTrans	Systemwide	SM-150011	SamTrans - Purchase of Replacement Minivans	SamTrans: Purchase ten new replacement minivans used for ADA Paratransit service
31	Santa Clara	VTA	Systemwide	SCL050046	VTA: ADA Operating Set Aside	VTA: Systemwide: ADA operating assistance set aside.

**Transit Projects Compliant with Americans with Disabilities Act (ADA) Requirements (cont'd)**

<b>SI No.</b>	<b>County</b>	<b>Sponsor</b>	<b>Key Stations/ Systemwide</b>	<b>TIP ID</b>	<b>Project Name</b>	<b>Project Description</b>
32	Santa Clara	VTA	Systemwide	SCL190039	VTA: Facilities ADA Upgrades	VTA: Various passenger facilities systemwide: Modify and upgrade ADA non-compliant items to bring them into compliance with current ADA codes
33	Santa Clara	VTA	Systemwide	SCL170002	VTA BART Phase II TOD and Station Access Planning	In Santa Clara County: In the vicinity of planned BART stations: Perform study of TOD and Station Access Planning.
34	Santa Clara	VTA	Systemwide	SCL170005	VTA: Paratransit Vehicle Procurement	VTA: Paratransit Fleet: Procure vehicles and associated equipment for paratransit services.
35	Solano	Fairfield	Fairfield Transportation Center	SOL110007	Fairfield Transportation Center - Phase 3	In Fairfield: Fairfield Transportation Center: Construct second parking structure with approximately 600 automobile parking spaces and access improvements.
36	Solano	SolTrans	Systemwide	SOL110025	SolTrans: ADA Paratransit Operating Subsidy	SolTrans: Systemwide: ADA Paratransit Operating Subsidy
37	Solano	STA	Systemwide	SOL190023	Solano Regional Transit Improvements - TIRCP 2020	STA: Throughout Solano County and Solano Express Bus stops at various stations: Network integration planning and implementation of various transit and access improvements
38	Sonoma	Petaluma	Systemwide	SON150007	Petaluma Transit: ADA Set-Aside	Petaluma Transit: Annual ADA Set-Aside
39	Sonoma	Petaluma	Systemwide	SON170020	Petaluma: Replace 2 Paratransit Cutaways	Petaluma: Petaluma Paratransit: Replace two (2) paratransit vans
40	Sonoma	Petaluma	Systemwide	SON190004	Petaluma: Purchase Replacement Paratransit Van	Petaluma: Systemwide: Replace paratransit vehicles which have reached the end of their useful life.
41	Sonoma	SantaRosa Bus	Systemwide	SON170003	Santa Rosa CityBus-paratransit operations	Santa Rosa CityBus: Provide operating assistance to Santa Rosa Paratransit.

# APPENDIX A – 49

## *2021 TIP Detail*

### **Air Quality Exempt Codes**



## Air Quality Exempt Codes

Exempt Code	Description of Exempt Code
Non-Exempt	Non-Exempt Project
Non-Exempt NRS	NON-EXEMPT - Not Regionally Significant Project
1.01	EXEMPT (40 CFR 93.126) - Railroad/highway crossing
1.02	EXEMPT (40 CFR 93.126) - Projects that correct, improve, or eliminate a hazardous location or feature
1.03	EXEMPT (40 CFR 93.126) - Safer non-Federal-aid system roads
1.04	EXEMPT (40 CFR 93.126) - Shoulder improvements
1.05	EXEMPT (40 CFR 93.126) - Increasing sight distance
1.06	EXEMPT (40 CFR 93.126) - Highway Safety Improvement Program implementation
1.07	EXEMPT (40 CFR 93.126) - Traffic control devices and operating assistance other than signalization projects
1.08	EXEMPT (40 CFR 93.126) - Railroad/highway crossing warning devices
1.09	EXEMPT (40 CFR 93.126) - Guardrails, median barriers, crash cushions
1.1	EXEMPT (40 CFR 93.126) - Pavement resurfacing and/or rehabilitation
1.11	EXEMPT (40 CFR 93.126) - Pavement marking
1.12	EXEMPT (40 CFR 93.126) - Emergency relief (23 U.S.C. 125)
1.13	EXEMPT (40 CFR 93.126) - Fencing
1.14	EXEMPT (40 CFR 93.126) - Skid treatments
1.15	EXEMPT (40 CFR 93.126) - Safety roadside rest areas
1.16	EXEMPT (40 CFR 93.126) - Adding medians
1.17	EXEMPT (40 CFR 93.126) - Truck climbing lanes outside the urbanized area
1.18	EXEMPT (40 CFR 93.126) - Lighting improvements
1.19	EXEMPT (40 CFR 93.126) - Widening narrow pavements or reconstructing bridges (no additional travel lanes)
1.2	EXEMPT (40 CFR 93.126) - Emergency truck pullovers
2.01	EXEMPT (40 CFR 93.126) - Operating assistance to transit agencies
2.02	EXEMPT (40 CFR 93.126) - Purchase of support vehicles
2.03	EXEMPT (40 CFR 93.126) - Rehabilitation of transit vehicles
2.04	EXEMPT (40 CFR 93.126) - Purchase of office, shop, and operating equipment for existing facilities
2.05	EXEMPT (40 CFR 93.126) - Purchase of operating equipment for vehicles (e.g., radios, fareboxes, lifts, etc.)
2.06	EXEMPT (40 CFR 93.126) - Construction or renovation of power, signal, and communications systems
2.07	EXEMPT (40 CFR 93.126) - Construction of small passenger shelters and information kiosks
2.08	EXEMPT (40 CFR 93.126) - Reconstruction or renovation of transit buildings and structures (e.g., rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures)



## Air Quality Exempt Codes (cont.)

Exempt Code	Description of Exempt Code
2.09	EXEMPT (40 CFR 93.126) - Rehabilitation or reconstruction of track structures, track, and trackbed in existing rights-of-way
2.1	EXEMPT (40 CFR 93.126) - Purchase of new buses and rail cars to replace existing vehicles or for minor expansions of the fleet
2.11	EXEMPT (40 CFR 93.126) - Construction of new bus or rail storage/maintenance facilities categorically excluded in 23 CFR part 771
3.01	EXEMPT (40 CFR 93.126) - Continuation of ride-sharing and van-pooling promotion activities at current levels
3.02	EXEMPT (40 CFR 93.126) - Bicycle and pedestrian facilities
4.01	EXEMPT (40 CFR 93.126) - Planning and technical studies
4.02	EXEMPT (40 CFR 93.126) - Grants for training and research programs
4.03	EXEMPT (40 CFR 93.126) - Planning activities conducted pursuant to titles 23 and 49 U.S.C
4.04	EXEMPT (40 CFR 93.126) - Federal-aid systems revisions
4.05	EXEMPT (40 CFR 93.126) - Engineering to assess social, economic, and environmental effects of the proposed action or alternatives to that action
4.06	EXEMPT (40 CFR 93.126) - Noise attenuation
4.07	EXEMPT (40 CFR 93.126) - Emergency or hardship advance land acquisitions (23 CFR 710.503)
4.08	EXEMPT (40 CFR 93.126) - Acquisition of scenic easements
4.09	EXEMPT (40 CFR 93.126) - Plantings, landscaping, etc
4.1	EXEMPT (40 CFR 93.126) - Sign removal
4.11	EXEMPT (40 CFR 93.126) - Directional and informational signs
4.12	EXEMPT (40 CFR 93.126) - Transportation enhancement activities (except rehabilitation and operation of historic transportation buildings, structures, or facilities)
4.13	EXEMPT (40 CFR 93.126) - Repair of damage caused by natural disasters, civil unrest, or terrorist acts, except projects involving substantial functional, locational or capacity changes
5.01	EXEMPT (40 CFR 93.127) - Intersection channelization projects
5.02	EXEMPT (40 CFR 93.127) - Intersection signalization projects at individual intersections
5.03	EXEMPT (40 CFR 93.127) - Interchange reconfiguration projects
5.04	EXEMPT (40 CFR 93.127) - Changes in vertical and horizontal alignment
5.05	EXEMPT (40 CFR 93.127) - Truck size and weight inspection stations
5.06	EXEMPT (40 CFR 93.127) - Bus terminals and transfer points
5.07	EXEMPT (40 CFR 93.128) - Traffic signal synchronization projects



# APPENDIX A – 50

## *2021 TIP Detail*

### TIP Revision Process and Procedures



**DEPARTMENT OF TRANSPORTATION**

DIVISION OF TRANSPORTATION PROGRAMMING

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December 20, 2019

Executive Directors, Metropolitan Planning Organizations and  
Regional Transportation Planning Agencies

Dear Executive Directors:

To streamline the federal programming process, the California Department of Transportation (Caltrans), the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA), revised the Federal Statewide Transportation Improvement Program (FSTIP)/Federal Transportation Improvement Program (FTIP) Amendments and Administrative Modifications Procedures.

These revisions expand the parameters of an administrative modification offering a greater opportunity to reduce the number of Amendments to the FTIPs and the FSTIP. Effective December 18, 2019, the attached procedures shall supersede the previous procedures dated June 3, 2011.

Metropolitan Planning Organizations (MPOs) with delegated authority from Caltrans may continue to approve administrative modifications to the FSTIP in accordance with these revised procedures and the following shall continue to apply.

1. MPOs may consult with staff at the Division of Transportation Programming and request reviews on proposed changes prior to approving their administrative modifications.
2. MPOs must email and send hardcopies of the approved administrative modifications to Caltrans, FHWA, FTA, and other stakeholders.
3. Approved administrative modifications are subject to the Division of Transportation Programming continual reviews to ensure compliance with programming related regulations, guidance and procedures.
4. The Division of Transportation Programming will reject any administrative modification that does not adhere to programming related regulations, guidance and procedures.

Executive Directors, et al  
December 20, 2019  
Page 2

5. Caltrans will withdraw its delegation from any MPO whose administrative modifications are found to be consistently noncompliant with these procedures.

For those MPOs without Caltrans delegation, no action is required, and the existing approval process remains in effect.

My staff and I appreciate and recognize the efforts of staff at FHWA and FTA, in working with us to find ways to streamline and expedite the federal programming process.

If you have any questions, please contact Muhaned Aljabiry at (916) 654-2983 or by e-mail at [muhaned.aljabiry@dot.ca.gov](mailto:muhaned.aljabiry@dot.ca.gov).

Sincerely,



for BRUCE DE TERRA, Chief  
Division of Transportation Programming

Enclosure





U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**California Division**

December 18, 2019

650 Capitol Mall, Suite 4-100  
Sacramento, CA 95814  
(916) 498-5001  
(916) 498-5008 (FAX)

In Reply Refer To:  
HDA-CA

Mr. Bruce de Terra, Division Chief  
Transportation Programming Federal Resources Office, M.S. 82  
California Department of Transportation  
1120 N Street  
Sacramento, CA 95814

**SUBJECT: Revised Federal Statewide Transportation Improvement Program (FSTIP) and  
Federal Transportation Improvement Program (FTIP) Amendment and Administrative  
Modification Procedures**

Dear Mr. de Terra:

In our letter dated June 3, 2011, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) provided the California Department of Transportation (Caltrans) revised procedures on the FSTIP/FTIP Administrative Modification and Amendment process.

Working in coordination with Caltrans, FHWA and FTA have again revised the FSTIP/FTIP Administrative Modification and Amendment Procedures. The enclosed revised procedures provide additional flexibility and will shorten project delivery time by allowing fewer formal amendments which in general takes longer to process. As part of this coordination, Caltrans has also committed to working with FHWA and FTA to implement a FSTIP/FTIP amendment schedule and an electronic approval process by December 2020.

The revised procedures detail the specific types of programming changes that may be made to the FSTIP/FTIPs as administrative modifications for which approval has been delegated to Caltrans, and changes that must be submitted to FHWA and/or FTA for approval as formal amendments. These procedures are intended to offer more flexibility to Caltrans and the Metropolitan Planning Organizations (MPOs) and further clarifies parameters of an administrative modification.

Throughout the FSTIP/FTIP Administrative Modification and Amendment Procedure update process, the FHWA and FTA have been pleased with our partnership with Caltrans. This effort highlights Caltrans' continued dedication to the stewardship of the Federal-aid Program.

If you have any questions regarding the attached procedures, please contact Tashia J. Clemons of the FHWA California Division at (916) 498-5066, or by email at [Tashia.clemons@dot.gov](mailto:Tashia.clemons@dot.gov) or Ted Matley of the FTA's Region 9 Office at (415) 734-9468 or by email at [ted.matley@dot.gov](mailto:ted.matley@dot.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Vincent Mammano", followed by a horizontal line extending to the right.

Vincent Mammano  
Division Administrator  
FHWA California Division

*/s/ Ray Tellis*

Ray Tellis  
Regional Administrator  
FTA Region 9

# **FSTIP/FTIP Administrative Modification and Amendment Procedures**

**December 18, 2019**

The following procedures are applicable for processing amendments and administrative modifications to the Federal Statewide Transportation Improvement Program (FSTIP) and the Federal Transportation Improvement Programs (FTIPs).

Projects programmed in the FSTIP may be delivered in any of the recognized program years of the FSTIP provided Expedited Project Selection Procedures (EPSPs) have been adopted by the Metropolitan Planning Organization (MPO) in accordance with 23 Code of Federal Regulations (CFR) 450 and the required interagency consultation or coordination is completed and documented. Changing the obligation year of a project using EPSP does not require an administrative modification or an amendment if the change does not require an air quality conformity determination.

## **1. Administrative Modification:**

An administrative modification is a minor change to the FSTIP/FTIP that does not require a conformity determination, demonstration of fiscal constraint, public review and comment, or federal approval. The following changes to the FSTIP/FTIP can be processed through an administrative modification:

- i. Revise description of individually listed projects without changing the project scope or without conflicting with the approved environmental document;
- ii. Revise the description of grouped project listings, as defined in 23 CFR Part 450.326 (h), if it is consistent with the Programming Grouped Project Listings in Air Quality Non-Attainment or Maintenance Areas guidance.
- iii. Revise the funding amount listed for a project or a project phase:
  - a. Additional funding to an individually listed project is limited to the lesser of 50 percent of the total project cost or \$20 million.
  - b. No limit on adding funds to a grouped project listing. Funding capacity must be available in the FSTIP/FTIP prior to processing programming changes and it must be stated in the supporting documentation.  
*(Note: Updated FTIP financial plans may be requested by Caltrans to validate fiscal constraint if an MPO has processed only administrative modifications for a period of six months or more.)*
- iv. Program the Preliminary Engineering (PE) phase provided the Right of Way and/or Construction phase(s) are already programmed in the current FSTIP/FTIP and additional funding amounts stay within the limits specified in section iii.

## **FSTIP/FTIP Administrative Modification and Amendment Procedures**

**December 18, 2019**

- v. Change source of funds.
- vi. Change a project lead agency.
- vii. Program federal funds for advance construction conversion provided that programming capacity is available in the FSTIP/FTIP prior to programming the conversion.
- viii. Change the program year of funds within the current FSTIP/FTIP provided the MPO has an adopted EPSP that is developed in accordance with 23 CFR 450.
- ix. Split or combine an individually listed project or projects provided the schedule and scope remain unchanged.
- x. Add or delete a project or projects from a grouped project listing.
- xi. Program emergency repair projects on state and local highways caused by natural disasters or catastrophic failures from external causes that are not covered by the Emergency Relief Program and exempt from air quality conformity requirements.
- xii. Re-program a project for which FHWA funds were transferred to the FTA in a prior FSTIP/FTIP cycle but has not received grant approval from the FTA. Those projects can be programmed in the current FSTIP/FTIP through an administrative modification provided the original scope or cost remain unchanged. Use the type "FTA 5307 (FHWA Transfer Funds)" to program in the FSTIP/FTIP.
- xiii. Program an FTA-funded project from the prior FSTIP/FTIP cycle into the current FSTIP/FTIP provided the original scope or cost of the project remain unchanged. Use the project description field (or "CTIPS MPO Comments" section) to list the year, amount, and the prior year fund type.
- xiv. Make minor changes to an FTA-funded grouped project listing. Minor changes include changing the number of transit vehicles purchased by 20 percent or less and changing the fuel type of transit vehicles. The MPO must conduct an interagency consultation to confirm that the project scope change is deemed minor.

# **FSTIP/FTIP Administrative Modification and Amendment Procedures**

**December 18, 2019**

## **2. Amendment:**

Amendments are all other modifications to the FSTIP/FTIP that are not included under the administrative modification and amendment procedures. All amendments shall be developed in accordance with the provisions of 23 CFR 450.326 for each metropolitan area in the State, and in accordance with the provisions of 23 CFR 450.218 for non-metropolitan areas.

## **3. Procedure:**

### a. Administrative Modification:

#### MPOs with approval delegation from Caltrans

Caltrans may delegate to an MPO's Board the authority to approve administrative modifications. In such case, Caltrans approval is not required. If an MPO Board further delegates the authority to the Executive Director to approve administrative modifications, copies of the delegation must be provided to Caltrans, the FHWA and FTA. The MPO must submit copies of the approved administrative modification to Caltrans, the FHWA and FTA. Once the MPO approves the administrative modification, changes will be deemed part of the FSTIP. The MPO is required to demonstrate in a subsequent amendment the net financial changes resulting from each administrative modification. Caltrans will conduct periodic review of each MPO's administrative modification process to confirm adherence to guidelines and procedures. Caltrans may revoke an MPO's delegation due to noncompliance with these procedures.

#### MPOs without approval delegation from Caltrans

Each MPO's administrative modification will be forwarded to Caltrans Division of Transportation Programming for approval. If an MPO Board delegates authority to the Executive Director to approve administrative modifications, copies of the delegation must be provided to Caltrans, the FHWA and FTA. The MPO must submit copies of the administrative modification to Caltrans, the FHWA and FTA. The MPO must also demonstrate in a subsequent amendment the net financial changes resulting from each administrative modification. Once Caltrans approves the administrative modification, changes will be deemed part of the FSTIP since federal approval is not required. Caltrans will notify the FHWA and FTA of the approved administrative modification. If Caltrans, the FHWA, or the FTA determines that changes in an administrative modification are not allowable under these procedures, the MPO must withdraw the administrative modification and process an amendment.

## **FSTIP/FTIP Administrative Modification and Amendment Procedures**

**December 18, 2019**

b. Amendment:

Amendments to the FSTIP must be developed in accordance with the provisions of 23 CFR 450, approved by the FHWA and/or the FTA in accordance with 23 CFR

450, and the July 15, 2004 MOU between FHWA - California Division and FTA Region 9. Each amendment must be forwarded to Caltrans Division of Transportation Programming for approval on behalf of the Governor. To expedite processing, the MPO must also submit the amendment to the FHWA and FTA at the same time. Once approved by Caltrans, the amendment will be forwarded to the FHWA and FTA for federal approval. The amendment will be deemed part of the FSTIP once it is approved by the FHWA and FTA. The FHWA and FTA will send the federal approval letter and respective conformity to Caltrans and the MPO.

#### **4. Consultation:**

If a question arises regarding the interpretation of these procedures, Caltrans, the MPO, the FHWA and/or FTA may consult to resolve the question. If after consultation the parties still disagree, the final decision rests with the FTA for transit projects and the FHWA for highway projects.

Any exception to these procedures is allowed only through a consultation process with MPOs, Caltrans, the FHWA, and FTA.

# APPENDIX A – 51

## *2021 TIP Detail*

**San Francisco Bay Area Air Quality  
Conformity Protocol**

**MTC Resolution No. 3757**



Date: July 26, 2006  
W.I.: 1412  
Referred by: Planning Committee

ABSTRACT

Resolution No. 3757

This Resolution approves the "San Francisco Bay Area Transportation Air Quality Conformity Protocol," listed as Attachment A (conformity procedures) and Attachment B (interagency consultation procedures), for determining the conformity of the Regional Transportation Plan and Transportation Improvement Program with federal air quality plans and procedures. These two Attachments constitute the "Conformity SIP" for the San Francisco Bay Area (the conformity portion of the State Implementation Plan (SIP)).

This Resolution will be submitted to the California Air Resources Board (ARB) and the U.S. Environmental Protection Agency (EPA) for approval as revisions to the California State Implementation Plan (SIP), which governs transportation conformity and decisions in the San Francisco Bay Area.



Date: July 26, 2006  
W.I.: 1412  
Referred by: Planning Committee

Re: Approval of San Francisco Bay Area Transportation Air Quality Conformity Protocol

METROPOLITAN TRANSPORTATION COMMISSION  
RESOLUTION NO. 3757

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code § 66500 et seq.; and

WHEREAS, the Bay Area Air Quality Management District (BAAQMD), Association of Bay Area Governments (ABAG) and MTC are collectively responsible for developing and implementing various portions of the federal air quality plans in the San Francisco Bay Area; and

WHEREAS, prior to adopting or amending the long-range Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP), MTC must first determine that these plans and programs conform to the federal air quality plan for the San Francisco Bay Area (termed the State Implementation Plan, or SIP) using procedures established by the U.S. Environmental Protection Agency (EPA); and

WHEREAS, the three agencies have prepared a protocol for determining transportation air quality conformity in compliance with Federal regulation entitled: San Francisco Bay Area Transportation Air Quality Conformity Protocol ("the Protocol"), which includes certain conformity procedures relating to transportation plans, programs, and projects and the interagency consultation procedures, attached hereto as Attachment A and Attachment B, respectively, and incorporated herein as though set forth at length; and

WHEREAS, the three agencies have revised the Protocol to reflect the most recent guidance provided by the U.S. EPA; and

WHEREAS, Federal regulations for amending the SIP require a public hearing prior to adoption or changes to the Protocol, and the BAAQMD and ABAG have delegated authority to MTC to hold a public hearing on the Protocol as proposed herein; and

WHEREAS, MTC held a duly noticed public hearing on June 9, 2006; and

WHEREAS, at the conclusion of the public hearing, the Protocol was referred back to the three respective agencies along with the public comments and staff recommendations that each agency adopt the new Protocol; and

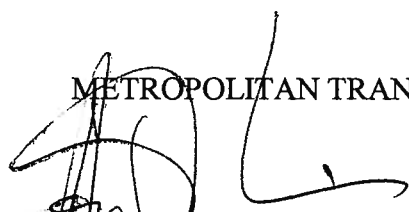
WHEREAS, the Protocol must be submitted to the California Air Resources Board (ARB) for review and subsequent submittal to the U.S. Environmental Protection Agency (EPA) for revision of the California State Implementation Plan (SIP), now therefore be it

RESOLVED, that the Protocol to be included in the Conformity SIP are approved for submission to CARB and to EPA; and, be it further

RESOLVED, that the MTC staff may make minor adjustments, as necessary, to the Protocol in the Conformity SIP in response to ARB and EPA comments; and, be it further

RESOLVED, that this resolution supercedes MTC Resolution No. 3075.

METROPOLITAN TRANSPORTATION COMMISSION



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Jon Rubin, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in Oakland, California, on July 26, 2006.

Date: July 26, 2006  
W.I.: 1412  
Referred by: Planning Committee

Attachment A  
Resolution No. 3757  
Page 1 of 1

**SAN FRANCISCO BAY AREA  
TRANSPORTATION AIR QUALITY CONFORMITY PROTOCOL**

**Conformity Procedures**

Current federal law does not require that EPA's detailed procedures for determining the conformity of plans, programs and projects be included in the Conformity SIP. Therefore, Part 93 of MTC's conformity procedures (MTC Resolution 3075), which includes verbatim EPA's transportation conformity regulation from 40 CFR Part 93, is deleted in entirety, with the exception of sections 93.122(a)(4)(ii) and 93.125(c)(see below).

In accordance with 40 CFR section 93.122(a)(4)(ii), prior to making a conformity determination on the RTP or TIP, MTC will not include emissions reduction credits from any control measures that are not included in the RTP or TIP and that do not require a regulatory action in the regional emissions analysis used in the conformity analysis unless MTC or FHWA/FTA obtains written commitments, as defined in 40 CFR section 93.101, from the appropriate entities to implement those control measures. The written commitments to implement those control measures must be fulfilled by the appropriate entities.

In accordance with 40 CFR section 93.125(c), prior to making a project-level conformity determination for a transportation project, FHWA/FTA must obtain from the project sponsor and/or operator written commitments, as defined in 40 CFR section 93.101, to implement any project-level mitigation or control measures in the construction or operation of the project identified as conditions for NEPA approval. The written commitments to implement those project-level mitigation or control measures must be fulfilled by the appropriate entities. Prior to making a conformity determination on the RTP or TIP, MTC will ensure the project design concept and scope are appropriately identified in the regional emissions analysis used in the conformity analysis.

Date: July 26, 2006  
W.I.: 1412  
Referred by: Planning Committee

Attachment B  
Resolution No. 3757  
Page 1 of 15

## **SAN FRANCISCO BAY AREA TRANSPORTATION AIR QUALITY CONFORMITY PROTOCOL**

### **Interagency Consultation Procedures**

#### **I. General**

These procedures implement the interagency consultation process for the nine-county San Francisco Bay Area, and include procedures to be undertaken by the Metropolitan Transportation Commission (MTC), California Department of Transportation (Caltrans), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), State and local air agencies and U.S. EPA, before making transportation conformity determinations on the Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP). Air quality planning in the Bay Area is the joint responsibility of the Metropolitan Transportation Commission (MTC), Association of Bay Area Governments (ABAG) and the Bay Area Air Quality Management District (BAAQMD).

#### Air Quality Conformity Task Force

To conduct consultation, staff involved in conformity issues for their respective agencies will participate in an Air Quality Conformity Task Force, hereafter referred to as the "Conformity Task Force." The Conformity Task Force is open to all interested agencies, but will include staff of:

- Federal agencies: FHWA, FTA, EPA
- State DOT: Caltrans
- Regional planning agencies: MTC, ABAG
- County transportation agencies: all CMAs,
- State and local air quality agencies: California Air Resources Board and BAAQMD
- Transit operators

MTC will maintain a directory for the current membership of the Conformity Task Force. MTC will chair the Conformity Task Force and will consult with members of the Conformity Task Force to determine items for meeting agendas and will transmit all meeting materials. Agendas and other meeting material will generally be transmitted seven days in advance of meetings, or on occasion, distributed at the meetings. MTC will prepare summary minutes of each meeting. Any member of the Conformity Task Force listed above can request MTC to call a meeting of this group to discuss issues under the purview of the Conformity Task Force as described below,

including whether certain events would trigger the need to make a new conformity determination for the Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP).

Persons of any organizational level in the member agencies may attend meetings of the Conformity Task Force. All meetings of the Conformity Task Force will be open to the public.

Meeting frequency will be at least quarterly, unless there is consensus among the federal and state transportation agencies and air quality agencies to meet less frequently. MTC will also consult with these agencies to determine which items may not require a face-to-face meeting and could be handled via conference call or email.

## **II. Consultation on Regional Transportation Plan (RTP) and RTP Amendments**

### **a. RTP Consultation Structure and Process**

The mechanism for developing the RTP and for reviewing RTP documents is through The Bay Area Partnership or its successor. MTC is responsible for convening meetings of The Bay Area Partnership and its subcommittees.

The Bay Area Partnership, hereafter referred to as the “Partnership”, was established in 1991 by MTC as a strategic alliance to advise and implement the mandates of the Intermodal Surface Transportation Efficiency Act of 1991. The Partnership includes representatives of all federal, state and local transportation agencies involved in developing and implementing transportation policies and programs in the nine-county San Francisco Bay Area as well as other regional agencies, such as the BAAQMD, ABAG, and Bay Conservation and Development Commission (BCDC). The Conformity Task Force member agencies, including EPA and ARB, are represented on the Partnership, and therefore the Conformity Task Force member agencies may participate directly in the Partnership process. MTC maintains a directory of the current membership of the Partnership. Partnership membership changes are frequent and expected. The current membership of the Conformity Task Force will be included in the Partnership directory.

Early in the RTP development process, MTC will develop a schedule for key activities and meetings leading up to the adoption of the RTP. In developing the draft RTP, MTC brings important RTP-related issues to the Partnership for discussion and feedback. MTC is responsible for transmitting all materials used for these discussions to the Partnership prior to the meetings, or on occasion, may distribute materials at the meetings. All materials that are relevant to interagency consultation, such as the RTP schedule, important RTP-related issues, and draft RTP, will also be transmitted to the Conformity Task Force for discussion and feedback. Similar consultation will occur with RTP amendments although amendments to the RTP are few and infrequent.

Public involvement in development of the RTP and RTP Amendments will be provided in accordance with MTC’s adopted public involvement procedures. Key RTP supporting documents are posted on MTC’s Web site for reference.

Policy decisions and actions pertaining to the RTP are the responsibility of MTC and will be made through MTC's Commission and its standing committee structure. The MTC standing committee currently in charge of the RTP is the Planning Committee, but changes to committee names can be expected from time to time. Comments received on important RTP-related issues and materials will be reviewed and considered by MTC staff in preparation of issuing a draft and final RTP for public review. MTC staff will respond to all significant comments, and the comments and response to comments will be made available for discussion with the Planning Committee and the Commission. MTC will transmit RTP-related materials to be discussed at the Planning Committee and Commission meetings to the Conformity Task Force prior to the meeting, or on occasion, may distribute materials at the meetings. Staff and policy board members of Conformity Task Force agencies may participate in these meetings.

**b. Agency Roles and Responsibilities.** Development of the RTP will be a collaborative process with agencies participating through participation the Partnership and/or MTC Commission and its standing committees. The following are the expected participation of key agencies in RTP development and review.

Agency	Roles
MTC	As the MPO for the San Francisco Bay Area, MTC develops, coordinates, circulates and provides for public involvement prior to adopting the RTP. Develops supporting technical documents, environmental documents, public information and other supplemental reports related to RTP. Prepares conformity analysis for RTP and makes conformity findings prior to adoption. Includes funding for TCMs in RTP. MTC Commission will act as the final policy body in the development and adoption of the RTP.
ABAG	Adopts long-range land use and demographic projections for the Bay Area. Provides detailed demographic data to MTC for travel forecasting and regional emissions analysis.
California DOT (Caltrans)	Project initiator for all state highway projects in the MTC region. Works directly with MTC in providing and reviewing detailed technical programming information. Defines the design concept and scope of projects in the RTP to conduct regional emissions analysis. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of regionally significant projects. Conducts project level CO and PM hotspot analyses. Identifies and commits to project level CO and PM mitigation measures, as required. Implements TCMs for which Caltrans is responsible in a timely fashion.
California ARB	Develops, solicits input on and adopts motor vehicle emissions factors; seeks EPA approval for their use in conformity analyses.
BAAQMD	Reviews and comments on all aspects of the conformity determinations for the RTP.
EPA	Administers and provides guidance on the Clean Air Act and Transportation Conformity regulations. Determines adequacy of motor vehicle emissions budget used for making RTP conformity findings. Reviews and comments on conformity determinations for the RTP.

Agency	Roles
Local Municipalities	Local municipalities propose projects for inclusion in the RTP and provide related information on design concept and scope for all regionally significant projects, including facilities where detailed design features have not yet been decided. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of regionally significant projects that would affect a new conformity analysis. Conducts project level CO and PM hotspot analyses. Identifies and commits to project level mitigation measures for CO and PM, as required. Implement TCMs for which local governments have responsibility in a timely fashion.
Local Transportation Agencies (CMAs, Transit Operators)	Project initiators for certain road and transit projects. See above Local Municipalities.
FHWA/FTA	FHWA and FTA consult with EPA on finding that the RTP conforms to the SIP. Provide guidance on transportation planning regulations. Ensure that all transportation planning and transportation conformity requirements contained in 23 CFR Part 450 and 40 CFR Part 93, respectively, are met.

\* While these are the key areas and agencies involved in the development of the RTP, participation in the RTP process by other agencies may occur.

**c. Consultation on RTP and RTP Amendment Conformity Analysis**

Consultation on the assumptions and approach to the conformity analysis of the RTP or RTP Amendment will occur during the preparation of the draft RTP or RTP Amendment. MTC typically starts discussing the assumptions and approach to the conformity analysis with the Conformity Task Force at least two to three months prior to the conformity analysis being conducted. Early in the RTP or RTP Amendment development process, MTC will consult with the Conformity Task Force on, at a minimum, the following topics:

- Travel forecasting and modeling assumptions
- Latest planning assumptions
- Motor vehicle emission factors to be used in conformity analysis
- Appropriate analysis years
- Key regionally significant projects assumed in the transportation network and the year of operation
- Status of TCM implementation
- Financial constraints and other requirements that affect conformity pursuant to Federal Statewide and Metropolitan Planning regulations.
- Reliance on a previous regional emissions analysis
- The need for an Interim RTP (in the event of a conformity lapse)

The preparation of the draft conformity analysis will typically begin after public review of the draft RTP or RTP Amendment since there may be changes to projects and programs resulting from further public input. MTC will transmit the results of the draft conformity analysis to the

Conformity Task Force prior to releasing the draft conformity analysis for public review. The Conformity Task Force will respond promptly to MTC staff with any comments. The draft conformity analysis will be available for public review at least 30 days prior to any final action by MTC on the final conformity analysis and RTP or RTP Amendment. MTC will consult with the Conformity Task Force, as needed, in preparing written responses to significant comments on the draft conformity analysis. The draft conformity analysis will be reviewed by the MTC standing committee responsible for the RTP and will be referred to the Commission for approval. Members of the public can comment on the draft conformity analysis in writing or in person at MTC meetings prior to the close of the 30-day public review period. After the Commission approves the final conformity analysis, MTC will provide the final conformity analysis to FHWA/FTA for joint review as required by 40 CRF 93.104 and 23 CRF 450.322 of the FHWA/FTA Statewide and Metropolitan Planning Rule. Copies of the final conformity analysis will also be transmitted to the Conformity Task Force and made available in the MTC/ABAG Library and MTC's Web site.

### III. Consultation on Transportation Improvement Program (TIP) and TIP Amendments

#### a. TIP Consultation Structure and Process

Similar to the RTP development, the mechanism for developing the TIP or TIP Amendments is through the Partnership or its successor. MTC is responsible for convening meetings of the Partnership and its subcommittees. These meetings are open to the public.

The Partnership includes representatives of all federal, state and local transportation agencies involved in developing and implementing transportation policies and programs in the nine-county San Francisco Bay Area as well as other regional agencies, such as the BAAQMD, ABAG, and BCDC. The Conformity Task Force member agencies, including EPA and ARB, are represented on the Partnership, and therefore the Conformity Task Force member agencies may participate directly in the Partnership process.

Early in the TIP development process, MTC will develop a schedule for key activities and meetings leading up to the adoption of the TIP. In developing the draft TIP, MTC brings important TIP-related issues to the Partnership for discussion and feedback. MTC is responsible for transmitting all materials used for these discussions to the Partnership prior to the meetings, or on occasion, may distribute materials at the meetings. All materials that are relevant to interagency consultation, such as the TIP schedule, important TIP-related issues, and draft TIP, will also be transmitted to the Conformity Task Force for discussion and feedback. Similar consultation will occur for TIP Amendments requiring an air quality conformity determination.

Public involvement in development of the TIP or TIP Amendments will be provided in accordance with MTC's adopted public involvement procedures. Key TIP supporting documents are posted on MTC's Web site for reference.

Policy decisions and actions pertaining to the TIP are the responsibility of MTC and will be made through MTC's Commission and its standing committee structure. The MTC standing committee



currently in charge of the TIP is the Programming and Allocations Committee, but changes to committee names can be expected from time to time. Comments received on important TIP-related issues and materials will be reviewed and considered by MTC staff in preparation of issuing a draft and final TIP for public review. MTC staff will respond to all significant comments, and the comments and response to comments will be made available for discussion with the Programming and Allocations Committee and the Commission. MTC will transmit TIP-related materials to be discussed at the Programming and Allocations Committee and Commission meetings to the Conformity Task Force prior to the meeting, or on occasion, may distribute materials at the meetings. Staff and policy board members of Conformity Task Force agencies may participate in these meetings.

**b. Agency Roles and Responsibilities**

Development of the TIP will be a collaborative process with agencies participating through the Partnership or its successor. The following are the expected participation of key agencies in TIP development and review:

Agency	Roles
MTC	As MPO for the San Francisco Bay Area, MTC develops, coordinates, circulates and provides for public involvement prior to adopting the TIP. Develops supporting technical documents and memorandum. Ensures projects in the TIP are consistent with the RTP. Ensures project sponsors have written commitments to any CO or PM mitigation measures required as conditions to NEPA process, prior to funding approval. Prepares conformity analysis for the TIP and makes conformity findings prior to adoption. Includes funding for TCMs in the TIP to ensure timely implementation. MTC Commission will act as the final policy body in the development of the TIP, prior to submittal to Caltrans, FHWA and FTA.
ABAG	Adopts long-range land use and demographic projections for the Bay Area. Provides detailed demographic data to MTC for travel forecasting and regional emissions analysis.
California DOT (Caltrans)	Project initiator for all state highway projects in the MTC region. As such, works directly with MTC in providing and reviewing detailed technical programming information. Defines the design concept and scope of projects in the TIP to conduct regional emissions analysis and provides costs. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of regionally significant projects. Conducts project level CO and PM hotspot analyses. Identifies and commits to certain CO and PM mitigation measures, as required. Implements TCMs for which Caltrans is responsible in a timely fashion.
California ARB	Develops, solicits input on and adopts motor vehicle emissions factors. Seeks EPA approval for their use in conformity analyses
BAAQMD	Reviews and comments on all aspects of the conformity determinations for the TIP.
EPA	Administers and provides guidance on the Clean Air Act and transportation conformity regulations. Determines adequacy of motor vehicle emissions budget used for making TIP conformity findings. Reviews and comments on conformity determinations for the TIP.

Agency	Roles
Local Municipalities	Local municipalities propose projects for inclusion in the TIP. Responsible for informing MTC of design concept and scope and costs of all regionally significant projects, including non-FHWA/FTA funded projects when the project sponsor is a recipient of federal funds. Provides design concept and scope for facilities where detailed design features have not yet been decided. Promptly notifies MTC of changes in design concept and scope, cost, and implementation year of any regionally significant projects that would affect a new conformity analysis. Ensures regionally significant projects are in a conforming RTP and TIP (or otherwise meet the requirements of EPA conformity regulations, Sec. 93.121) prior to local approval action. Conducts project level CO and PM hotspot analyses. Identifies and commits to project level mitigation measures for CO and PM, as required. Implement TCMs for which local governments have responsibility in a timely fashion.
Local Transportation Agencies (CMAs, Transit Operators)	Project initiators for certain road and transit projects. See above Local Municipalities.
FHWA/FTA	FHWA and FTA consult with EPA on finding that the TIP conforms to the SIP. Provide guidance on transportation planning regulations. Ensure that all transportation planning and transportation conformity requirements contained in 23 CFR Part 450 and 40 CFR Part 93, respectively, are met.

\* While these are the key areas and agencies involved in the development of the TIP, participation in the TIP process by other agencies may occur.

**c. Consultation and Notification Procedures for Conformity Analysis of TIP and TIP Amendments**

Adoption of a new TIP will occur at intervals specified in federal planning requirements, whereas TIP Amendments can be expected to occur much more frequently. Consultation on the assumptions and approach to the conformity analysis of the TIP or TIP Amendment will occur during the preparation of the draft TIP or TIP Amendment. MTC typically starts discussing the assumptions and approach to the conformity analysis with the Conformity Task Force at least two to three months prior to the conformity analysis being conducted. When preparing a new TIP, MTC will consult with the Conformity Task Force on the same topics listed for the RTP (see Section II.c.), as well as the additional topics listed below:

- Identification of exempt projects in the TIP
- Identification of exempt projects which should be treated as non exempt
- Determination of projects which are regionally significant (both FHWA/FTA and non FHWA/FTA funded projects)
- Development of an Interim TIP (in the event of a conformity lapse)

For TIP Amendments, MTC will consult with the Conformity Task Force as identified below:

Consultation Required in Situations Requiring a Conformity Determination, Including But Not Limited To:

- Add a regionally significant project to the TIP when it has already been appropriately accounted for in the regional emissions analysis for the RTP
- Add a non-regionally significant project to the TIP
- Add non-exempt, regionally significant project that has not been accounted for in the regional emissions analysis
- Change in non-exempt, regionally significant project that is not consistent with the design concept and scope or the conformity analysis years

In addition, notification at the beginning of the public comment period is required for major amendments that add/delete exempt project or project phases to/from the TIP and add environmental studies for non-exempt project to the TIP.

Some changes to an adopted TIP do not require consultation or notification of these changes to federal or state agencies.

No Consultation Required:

According to FHWA/FTA/Caltrans *Procedures for Minor Modification to the FSTIP*, minor change amendments are revisions to project descriptions that do not affect the scope or conflict with the environmental documents, funding revisions that are no more than \$2 million but not more than 20% of the total project cost, changes to fund sources, changes to project lead agency, changes that split or combine projects with no scope or funding changes, changes to required information for grouped projects and adding or deleting projects from grouped project listings. Per the *Procedures for Minor Modification to the FSTIP*, these types of changes are considered administrative actions and do not require any public notification or consultation.

The preparation of the draft conformity analysis will typically begin during the public review period and be completed when all changes to the proposed listing of projects and programs in the draft TIP or TIP Amendment have been finalized. MTC will transmit the results of the draft conformity analysis to the Conformity Task Force prior to releasing the draft conformity analysis for public review. The Conformity Task Force will respond promptly to MTC staff with any comments. The draft conformity analysis will be available for public review at least 30 days prior to any final action by MTC on the final conformity analysis and TIP or TIP Amendment. MTC will consult with the Conformity Task Force, as needed, in preparing written responses to significant comments on the draft conformity analysis. The draft conformity analysis will be reviewed by the MTC standing committee responsible for the TIP and will be referred to the Commission for approval. Members of the public can comment on the draft conformity analysis in writing or in person at MTC meetings prior to the close of the 30-day public review period. After the Commission approves the final conformity analysis, MTC will provide the final conformity analysis to FHWA/FTA for joint review as required by 40 CRF 93.104 and 23 CRF 450.322 of the FHWA/FTA Statewide and Metropolitan Planning Rule. Copies of the final

conformity analysis will also be transmitted to the Conformity Task Force and made available in the MTC/ABAG Library and MTC's Web site.

#### **IV. State Implementation Plan (SIP) Consultation Process**

##### **a. SIP Consultation Structure and Process**

The BAAQMD, MTC and ABAG have co-lead responsibilities for preparing the SIP. The SIP will normally be developed through a series of workshops, technical meetings, and public involvement forums independent of the Conformity Task Force; however, all Conformity Task Force agencies will be provided with all information and every opportunity to fully participate in the development of the SIP. The BAAQMD will provide and update schedules for SIP development that will be available to all agencies and the public. Public involvement will be in accordance with the BAAQMD's public involvement procedures. Key documents will be posted on BAAQMD's website. SIP development will normally cover inventory development, determination of emission reductions necessary to achieve and/or maintain federal air quality standards, transportation and other control strategies that may be necessary to achieve these standards, contingency measures, and other such technical documentation as required. The SIP will include a process to develop and evaluate transportation control measures as may be suggested by the co-lead agencies, other agencies, and the public.

MTC will consult with the BAAQMD and ARB in providing the travel activity data used to develop the on-road motor vehicle emissions inventory. If new transportation control strategies are necessary to achieve and/or maintain federal air quality standards, MTC will evaluate and receive public comment on potential new measures through the SIP consultation process administered by the BAAQMD. This SIP process will define the motor vehicle emissions budget (MVEB), and its various components, that will be used for future conformity determinations of the RTP and TIP. Prior to publishing the draft SIP, the Conformity Task Force will have an opportunity to review and comment on the proposed MVEB.

The BAAQMD will circulate the draft SIP for public review, and all comments will be responded to in writing prior to adoption of the SIP by the co-lead agencies. The Boards of the co-lead agencies will formally adopt the submittal. The BAAQMD will then transmit the adopted submittal, along with the public notice, public hearing transcript and a summary of comments and responses, to the ARB.

##### **b. Agency Roles and Responsibilities**

The following provides a summary on the roles and responsibilities of the different agencies with involvement in development and review of SIP submittals dealing with TCMs or emissions budgets.

Agency	Responsibilities
MTC	MTC is a co-lead agency for development of the SIP. Responsibilities may include preparing initial drafts of SIP submittals, revising those drafts, incorporating other agencies' comments, and preparing public hearing transcripts and responding to public comments. MTC is responsible for developing regional travel demand forecasts used in the SIP emissions inventory and analysis of new TCMs. MTC develops, analyzes, and monitors and reports on implementation of federal TCMs. MTC participates in public workshops and hearings on the SIP. MTC will provide final SIP documents to the Conformity Task Force and place copies in MTC's library.
ABAG	ABAG is a co-lead agency for development of the SIP. Responsibilities may include preparing initial drafts of SIP submittals, revising those drafts, incorporating other agency comments, and preparing public hearing transcripts and responding to public comments. ABAG's responsibilities include developing regional economic, land use and population forecasts used in developing SIP inventories. ABAG participates in public workshops and hearings on SIP submittals
California DOT (Caltrans)	Caltrans participates through various meetings, workshops, and hearings that are conducted by the co-lead agencies.
California ARB	ARB participates in the SIP development process in the Bay Area. ARB receives the Bay Area's SIP submittals, and upon approval, transmits them to EPA. Concurs with TCM substitution in the SIP.
BAAQMD	BAAQMD is responsible for air quality monitoring, preparation and maintenance of detailed and comprehensive emissions inventories, and other air quality planning and control responsibilities. BAAQMD is responsible for air quality planning in the region. Its responsibilities may include preparing initial drafts of SIP submittals, revising those drafts, incorporating other agencies' comments, and preparing public hearing transcripts and responding to public comments. BAAQMD organizes and participates in public workshops and hearings on SIP submittals.
EPA	EPA receives the Bay Area's SIP submittals from the California ARB, and has the responsibility to act on them in a timely manner. EPA directly influences the content of the submittals through regulations implementing the federal Clean Air Act. EPA also has the opportunity to influence the submittals through various meetings, workshops, and hearings that are conducted by the co-lead agencies. Provides guidance on the Clean Air Act. Determines adequacy of motor vehicle emissions budget used for making RTP/TIP conformity findings. Concurs with TCM substitution in the SIP.
Local Municipalities	Local municipalities will also participate through various meetings, workshops, and hearings that are conducted by the co-lead agencies.
Local Transportation Agencies (CMAs and Transit Operators)	CMAs and transit operators participate through various meetings, workshops, and hearings that are conducted by the co-lead agencies. CMAs represent the collective transportation interests of cities and counties, and, in certain cases, other local agencies.
FHWA/FTA	Provide guidance on transportation planning regulations. Opportunities to participate in the SIP are as noted above.

**V. Consultation process for model assumptions, design and data collection**

Consultation on model assumptions, design and data collection will take place through two forums <sup>(1)</sup>:

<b>Group</b>	<b>Role/Focus</b>	<b>Approximate Meeting Frequency</b>
Conformity Task Force	Feedback on regional travel demand forecast model development and assumptions. Consultation on regional emission models and assumptions. Feedback on CO and PM hot spot analysis models developed by others	Quarterly, unless consensus to meet less frequently
Model Coordination Working Group of the Partnership	Consultation on regional travel model data collection, analysis, forecasting assumptions, and model development and calibration.	At the call of the Chair.

<sup>(1)</sup> Membership and meeting frequency changes are regular and expected. Committee structure is subject to change as new committees are formed or as additional committees are included in modeling consultation.

The Model Coordination Working Group focuses on regional transportation model development and coordination. The Working Group or its successor, among other duties, provides a process for consulting on the design, schedule and funding of research and data collection efforts and on development and upgrades to the regional travel demand forecast model maintained by MTC. MTC staff coordinates meetings and helps prepare agenda items. Agendas and packets are generally mailed out one week prior to each meeting. Participation is open to all interested agencies, including members of the Conformity Task Force and the public.

Significant modeling issues that affect or pertain to conformity determinations of the RTP and TIP will be brought by MTC to the Conformity Task Force for discussion prior to any conformity analysis that requires the use of the MTC travel demand forecast model. Any member of the Conformity Task Force can independently request information from MTC concerning specific issues associated with the MTC model design or assumptions, and MTC staff will make the information available.

Models for analysis of localized CO and PM10 hot spots have been developed by others, and the Conformity Task Force does not have any direct role in their development or application. The Conformity Task Force may:

1. Periodically review and participate with Caltrans and other agencies as appropriate in the update of these models and procedures.
2. Refer project sponsors to the most up to date guidance on hot spot analyses.

## **VI. Project Level Conformity Determinations for Carbon Monoxide (CO)**

All project-level conformity determinations are the responsibility of FHWA and FTA. Project sponsors should use the most recent Caltrans procedures for CO analysis approved by CARB and the EPA. In accordance with Government Code 66518 and 66520, MTC will determine the following:

1. That FHWA or FTA has approved the project-level CO conformity analysis which is included in the project's environmental document.
2. That the design concept and scope of the project has not changed significantly from that used by MTC in its regional emissions analysis of the RTP or the TIP.

The Conformity Task Force may periodically review and participate with Caltrans and other agencies as appropriate in the update of the Caltrans procedures for CO analysis, and provide technical guidance to project sponsors who use these procedures.

## **VII. Monitoring of Transportation Control Measures (TCMs)**

The periodic conformity analyses for the RTP and TIP will include updates of the implementation of TCMs in the applicable SIP. The Conformity Task Force may request more frequent updates, as needed.

Prior to conducting a new conformity analysis for an RTP or TIP, MTC will document the status of TCMs that have not been completed, by comparing progress to the implementation steps in the SIP. Where TCM emissions reductions are included as part of the MVEB, MTC will also estimate the portion of emission reductions that have been achieved. If there are funding or scheduling issues for a TCM, MTC will describe the steps being undertaken to overcome these obstacles, including means to ensure that funding agencies are giving these TCM maximum priority. MTC may propose substitution of a new TCM for all or a portion of an existing TCM that is experiencing implementation difficulties (see below).

## **VIII. Substitution of TCMs in the SIP**

After consultation with the Conformity Task Force, MTC may recommend and proceed with the substitution of a new TCM in the SIP to overcome implementation difficulties with an existing TCM(s). The substitution will take place in accordance with MTC's adopted TCM substitution procedures, which provide for full public involvement. In the event of possible discrepancies between MTC's TCM Substitution Procedures and those in SAFETEA (Public Law 109-59), the provisions of SAFETEA will govern.

## **IX. Other Conformity Task Force Processes and Procedures**

Interagency consultation procedures for specific conformity issues are described below:

1. Defining regionally significant projects: Regionally significant projects are defined as a transportation project (other than an exempt project) that is on a facility which serves regional transportation needs and would normally be included in the coded network for the regional transportation demand forecast model, including at a minimum all principal arterial highways and all fixed guideway transit facilities that offer an alternative to regional highway travel. MTC's travel model roadway network may also include other types of facilities for reasons of functionality or connectivity that would not normally be considered regionally significant. MTC will periodically review with the Conformity Task Force the types of facilities and projects that are coded in the network but which MTC recommends should not be classified as regionally significant (and which therefore would not trigger a new regional emissions analysis if amended into the TIP). MTC will document the decisions of the Task Force for future reference. The Task Force will also consider projects that would not be found regionally significant according to the modeling definition above, but should be treated as regionally significant for conformity purposes.
2. Determination of significant change in project design concept and scope: Project sponsors should provide timely notice to MTC of any change in the design concept or scope of any regionally significant project in the RTP and TIP. MTC will consider a significant change in design concept and scope to be one that would alter the coding of the project in the transportation network associated with the regional travel model. When a project(s) have a change in design concept and scope from that assumed in the most recent conformed TIP and RTP, MTC will not normally consider revisions to the RTP or TIP if such a revision requires a new regional emissions analysis for the entire Plan and TIP. MTC will evaluate projects that may be considered to have a change in design concept and scope and will consult with the Conformity Task Force prior to advising the project sponsor as to how MTC intends to proceed with any request to amend the RTP and/or TIP.
3. Determining if exempt projects should be treated as non-exempt: MTC will identify all projects in the TIP that meet the definition of an exempt project, as defined in the Conformity regulations. MTC will provide a list of exempt projects to the Conformity Task Force for review prior to releasing the draft TIP for public comment. If any member of the Conformity Task Force believes an exempt project has potentially adverse emission impacts or interferes with TCM implementation, they can bring their concern to the Conformity Task Force for review and resolution. If it is determined by the Conformity Task Force that the project should be considered non exempt, MTC will notify the project sponsor of this determination and make appropriate changes to the conformity analysis, as required.
4. Treatment of non-FHWA/FTA regionally significant projects: Any recipient of federal funding is required to disclose to MTC the design concept and scope of regionally significant



projects that do not use FHWA or FTA funds. MTC will request that Caltrans and local agencies identify all such projects prior to conducting a new conformity analysis for the RTP or TIP. As part of the conformity analysis, MTC will also include a written response to any significant comment received about whether any project or projects of this type are adequately accounted for in the regional emissions analysis.

5. Projects that can advance during a conformity lapse. In the event of a conformity lapse, MTC will convene the Conformity Task Force to identify projects in the RTP and TIP that may move forward. MTC will also consult the Conformity Task Force on the process for preparing an Interim RTP and TIP.
6. Addressing activities and emissions that cross MPO boundaries: When a project that is not exempt is proposed in another MPO's Plan or TIP crosses MTC's boundaries, MTC will review the project with the Conformity Task Force to determine appropriate methods for addressing the emissions impact of the project in MTC's conformity analysis, consistent with EPA's conformity regulations.

MTC's planning area includes a portion of Solano County, which is in the Sacramento air basin. The Sacramento Area Council of Governments (SACOG) is the MPO for this planning area. MTC and SACOG, in consultation with Caltrans, the State Air Resources Board, and the Governor's Office, have developed and signed a Memorandum of Understanding for undertaking conformity analysis in eastern Solano County.

## **X. Conflict Resolution**

Conflicts between State agencies, ABAG, MTC or BAAQMD that arise during consultation will be resolved as follows:

1. A statement of the nature of the conflict will be prepared and agreed to by the Conformity Task Force.
3. Staff of the affected agencies will meet in a good faith effort to resolve the conflict in a manner acceptable to all parties.
4. If the staff is unsuccessful, the Executive Directors or their designee of any state agency and all other parties to the conflict shall meet to resolve differences in a manner acceptable to all parties.
5. The parties to the conflict will determine when the 14-day clock (see below) starts.
6. Following these steps, the State Air Resources Board has 14 days to appeal to the Governor after Caltrans or MTC has notified the State Air Resources Board that either party plans to proceed with their conformity decision or policy that is the source of the conflict. If the State air agency appeals to the Governor, the final conformity

determination must have the concurrence of the Governor. If the State Air Resources Board does not appeal to the Governor within 14 days, the MTC or State Department of Transportation may proceed with the final conformity determination. The Governor may delegate his or her role in this process, but not to the head or staff of the State or local air agency, State department of transportation, State transportation commission or board, or an MPO.

#### **XI. Public Consultation Procedures**

MTC will follow its adopted public involvement procedures when making conformity determinations on transportation plans, and programs. These procedures establish a proactive public involvement process which provides opportunity for public review and comment by, at a minimum, providing reasonable public access to technical and policy information considered by MTC at the beginning of the public comment period and prior to taking formal action on a conformity determination for the RTP and TIP, consistent with these requirements and those of 23 CFR 450.316(b). Meetings of the Conformity Task Force and Partnership are open to the public. Any charges imposed for public inspection and copying should be consistent with the fee schedule contained in 49 CFR 7.95. These agencies shall also provide opportunity for public involvement in conformity determinations for projects where otherwise required by law.

# **APPENDIX A – 52**

## ***2021 TIP Detail***

**Congestion Management Process Update  
MTC Resolution No. 3000**



Date: June 25, 1997  
W.I.: 30.5.10  
Referred By: WPC  
Revised: 06/11/99-W 05/11/01-POC  
06/13/03-POC 06/10/05-POC  
05/11/07-PC 05/08/09-PC  
06/10/11-PC 07/12/13-PC  
10/09/15-PC 06/14/19-PC

ABSTRACT

Resolution No. 3000, Revised

This resolution revises MTC's Guidance for Consistency of Congestion Management Programs with the Regional Transportation Plan (RTP).

This resolution supersedes Resolution No. 2537

Attachments A and B of this resolution were revised on June 11, 1999, to reflect federal and state legislative changes established through the passage of the Transportation Equity Act of the 21<sup>st</sup> Century and SB 45, respectively. In addition, the Modeling Checklist has been updated.

Attachments A and B of this resolution were revised on May 11, 2001, to reflect state legislative changes and to reference updated demographic and forecast data.

Attachments A and B of this resolution were revised on June 13, 2003, to reflect state legislative changes, 2001 RTP goals and policies, and to reference updated demographic and forecast data.

Attachments A and B of this resolution were revised on June 10, 2005, to reflect the updated RTP goals, as per Transportation 2030, and to reference updated demographic and forecast data.

Attachments A and B of this resolution were revised on May 11, 2007, to reflect federal legislative changes established through the passage of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA), and to reference new State Transportation Control Measures and updated demographic and forecast data.

Attachments A and B of this resolution were revised on May 8, 2009, to reflect MTC's new RTP (Transportation 2035 Plan), an updated Travel Demand Modeling Checklist, and revised Resolution 3434 and TOD policy.

## ABSTRACT

MTC Resolution No. 3000, Revised

Page 2

Attachments A and B of this resolution were revised on June 10, 2011, to reflect the new regional coordinated land use and transportation planning process as directed through SB 375, an updated Travel Demand Modeling Checklist, the newly released Highway Capacity Manual 2010, the Bay Area 2010 Ozone Strategy, and updates to the table noting achievement of the Transit Oriented Development requirements by Resolution No. 3434 transit extension project.

Attachments A and B of this resolution were revised on July 12, 2013, to reflect the new RTP (Plan Bay Area) and the statutory requirements in MAP-21 for RTP and air quality conformity requirements.

Attachments A and B of this resolution were revised on October 9, 2015, to reflect the final Plan Bay Area document, revisions to the Modeling Consistency Requirements and Transportation Control Measures, and to include minor updates to descriptive language.

Attachments A and B of this resolution were revised on June 14, 2019, to reflect updated federal and state regulatory settings and the Bay Area's new RTP/SCS (Plan Bay Area 2040), clarifications to the manner in which MTC will make a finding of consistency with PBA 2040, revisions to the Travel Demand Modeling Checklist, the newly released Highway Capacity Manual 2016, and to include minor updates to descriptive language.

Date: June 25, 1997  
W.I.: 30.5.10  
Referred By: WPC

Re: Congestion Management Program Policy.

METROPOLITAN TRANSPORTATION COMMISSION  
RESOLUTION NO. 3000

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code Sections 66500 et seq; and

WHEREAS, Government Code § 65080 requires each transportation planning agency to prepare a regional transportation plan and a regional transportation improvement program directed at the achievement of a coordinated and balanced regional transportation system; and

WHEREAS, Government Code § 65089 requires a designated local agency in each urbanized county to develop, adopt, and periodically update a congestion management program for the county and its included cities unless a majority of local governments in a county and the county board of supervisors elect to be exempt; and requires that this congestion management program be developed in consultation, among others, with the regional transportation planning agency; and

WHEREAS, Government Code § 65089.2 requires that, for each congestion management program prepared, the regional transportation planning agency must make a finding that each congestion management program is consistent with the regional transportation plan, and upon making that finding shall incorporate the congestion management program into the regional transportation improvement program; and

WHEREAS, Government Code § 65082 requires that adopted congestion management programs be incorporated into the regional transportation improvement program approved by MTC; and

WHEREAS, MTC has adopted a Congestion Management Program Policy (MTC Resolution 2537, Revised) to provide guidance for all the counties and cities within the region in preparing their congestion management programs; and,

WHEREAS, MTC's Congestion Management Program Policy needs to be updated from time to time to provide further guidance, now, therefore, be it

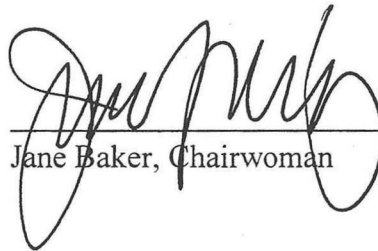
RESOLVED, that MTC adopts the Congestion Management Program Policy, as set forth in Attachments A and B to this resolution, which are incorporated herein by reference; and, be it further

RESOLVED, that the MTC Work Program Committee is delegated the responsibility for approving amendments to Attachments A and B; and, be it further

RESOLVED, that this resolution shall be transmitted to the nine Bay Area Congestion Management Agencies for use in preparing their congestion management programs; and, be it further

RESOLVED, that MTC Resolution No. 2537, Revised is hereby superceded.

METROPOLITAN TRANSPORTATION COMMISSION



Jane Baker, Chairwoman

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in Oakland, California, on June 25, 1997.

Date: June 25, 1997  
W.I.: 30.5.10  
Referred By: WPC  
Revised: 06/11/99-W 05/11/01-POC  
06/13/03-POC 06/10/05-POC  
05/11/07-PC 05/08/09-PC  
06/10/11-PC 07/12/13-PC  
10/09/15-PC 06/14/19-PC

Attachment A  
Resolution No. 3000  
Page 1 of 13

**GUIDANCE FOR CONSISTENCY OF  
CONGESTION MANAGEMENT PROGRAMS  
WITH THE REGIONAL TRANSPORTATION PLAN**

Metropolitan Transportation Commission

June 2019



**GUIDANCE FOR CONSISTENCY OF  
CONGESTION MANAGEMENT PROGRAMS  
WITH THE REGIONAL TRANSPORTATION PLAN**

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## Abbreviations

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AB.....	Assembly Bill
ABAG.....	Association of Bay Area Governments
BAAQMD.....	Bay Area Air Quality Management District
BCDC.....	Bay Conservation and Development Commission
CFR.....	Code of Federal Regulations
CIP.....	Capital Improvement Program
CMA.....	Congestion Management Agency
CMP.....	Congestion Management Program
CTC.....	California Transportation Commission
FAST.....	Fixing America's Surface Transportation Act
GHG.....	Greenhouse Gas (CO <sub>2</sub> )
HCM.....	Highway Capacity Manual
ITIP.....	Interregional Transportation Improvement Program
LOS.....	Level of Service
MPO.....	Metropolitan Planning Organization
MTC.....	Metropolitan Transportation Commission
MTP.....	Metropolitan Transportation Plan
PCA.....	Priority Conservation Area
PDA.....	Priority Development Area
RMWG.....	Regional Model Working Group
RTIP.....	Regional Transportation Improvement Program
RTP/SCS.....	Regional Transportation Plan/Sustainable Communities Strategy
RTPA.....	Regional Transportation Planning Agency
SB.....	Senate Bill
TCM.....	Transportation Control Measures
TOD.....	Transit Oriented Development
TPA.....	Transit Priority Area
UGB.....	Urban Growth Boundary

## **I. INTRODUCTION**

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### **A. Purpose of This Guidance**

The Congestion Management Program (CMP) statutes establish specific requirements for the content and development process for CMPs; the relationship between CMPs and the regional transportation planning process; Congestion Management Agency (CMA) monitoring and other responsibilities; and, the responsibilities of MTC as the Bay Area's Regional Transportation Planning Agency (RTPA) and Metropolitan Planning Organization (MPO). CMPs are not required to be prepared in counties where a majority of local governments representing a majority of the county's population and the Board of Supervisors adopt resolutions requesting to be exempt from this requirement (AB 2419 (Bowler) Chapter 293, Statutes of 1996). The following Guidance is for those counties that prepare a CMP following state statutes. For counties that opt out of preparing a CMP, MTC will work directly with the appropriate county transportation agencies to establish project priorities for funding.

CMP statutes specify responsibilities for MTC as the Bay Area's RTPA/MPO. These responsibilities include: reviewing the consistency between each CMP and the Regional Transportation Plan (RTP) – which encompasses the Bay Area's Sustainable Communities Strategy (SCS) demonstrating how the region could achieve state greenhouse gas (GHG) emission reduction targets; evaluating the consistency and compatibility of the CMPs in the Bay Area; and, including CMP projects into the Regional Transportation Improvement Program (RTIP).

The purpose of this Guidance is to focus on MTC's role in determining consistency between the CMPs and the region's RTP/SCS (herein also referred to as "Plan Bay Area 2040").

### **B. Legislative Requirement for Congestion Management Programs**

CMPs were established as part of a bi-partisan legislative package in 1989 and approved by the voters in 1990. This legislation also increased transportation revenues and changed state transportation planning and programming processes. The specific CMP provisions were originally chartered by the Katz-Kopp-Baker-Campbell Transportation Blueprint for the Twenty-First Century by AB 471 (Katz); (Chapter 106, Statutes 1989). They were revised by AB 1791 (Katz) (Chapter 16, Statutes of 1990), AB 3093 (Katz) (Chapter 2.6, Statutes of 1992), AB 1963 (Katz) (Chapter 1146, Statutes of 1994), AB 2419 (Bowler) (Chapter 293, Statutes of 1996), AB 1706 (Chapter 597, Statutes of 2001), and SB 1636 (Figueroa) (Chapter 505, Section 4, Statutes of 2002), which defines and incorporates "infill opportunity zones." The provisions regarding establishing new "infill opportunity zones" have now expired, but established infill opportunities zones are still subject to the statutes.

CMP statutes establish requirements for local jurisdictions to receive certain gas tax subvention funds. Additionally, CMPs play a role in the development of specific project proposals for the RTIP.

### C. The Role of CMPs in the Regional Transportation Planning Process

CMPs can play a role in the countywide and regional transportation planning processes (although these functions can be achieved without an official CMP as well):

- CMPs can be used to identify near-term projects to implement the long-range vision established in a countywide transportation plan.
- Through CMPs, the transportation investment priorities of the multiple jurisdictions in each county can be addressed in a countywide context.
- CMPs can be used to establish a link between local land use decision making and the transportation planning process.
- CMPs can be used as a building block for the federally required Congestion Management Process<sup>1</sup>.

## 11. MTC's ROLE & RESPONSIBILITIES

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### A. MTC's Responsibilities Regarding CMPs

MTC's direct responsibilities under CMP statutes are concentrated in the following provisions:

*“The regional agency shall evaluate the consistency between the program (i.e., the CMP) and the regional transportation plans required pursuant to Section 65080. In the case of a multicounty regional transportation planning agency, that agency shall evaluate the consistency and compatibility of the programs within the region. (Section 65089.2 (a))*

*The regional agency, upon finding that the program is consistent, shall incorporate the program into the regional transportation improvement program as provided for in Section 65082. If the regional agency finds the program is inconsistent, it may exclude any project in the congestion management program from inclusion in the regional transportation improvement program. (Section 65089.2(b))*

*It is the intent of the Legislature that the regional agency, when its boundaries include areas in more than one county, should resolve inconsistencies and mediate disputes which arise between agencies related to congestion management programs adopted for those areas.” Section 65089.2.(d)(1))*

### B. The RTP Regulatory Setting

#### Federal Requirements

The primary federal requirements regarding RTPs are addressed in the metropolitan transportation planning rules in Title 23 of the Code of Federal Regulations (CFR) Part 450 and 500 and Title 49 CFR Part 613. These federal regulations have been updated to reflect the metropolitan transportation planning regulations called out in 2015's federal transportation bill, Fixing America's Surface Transportation Act (FAST). Under FAST, the U.S. Department of

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<sup>1</sup>See the following link for more information on the federal Congestion Management Process, [https://ops.fhwa.dot.gov/plan4ops/focus\\_areas/cmp.htm](https://ops.fhwa.dot.gov/plan4ops/focus_areas/cmp.htm)

Transportation requires that MPOs, such as MTC, prepare long-range Metropolitan Transportation Plans (MTPs) and update them every four years if they are in designated “nonattainment” or “maintenance” areas for federal air quality standards.

### State Requirements

California Government Code Section 65080 sets forth the state’s requirements for RTPs. Section 65080 requires MPOs located in air quality nonattainment regions update their RTPs at least every four years.

The regional agencies, the Association of Bay Area Governments (ABAG), the Bay Area Air Quality Management District (BAAQMD), and the Bay Conservation and Development Commission (BCDC), assist MTC in addressing the requirements flowing from California’s Sustainable Communities and Climate Protection Act (Sustainable Communities Act, SB 375, Chapter 728, Statutes of 2008), which requires each of the state’s 18 metropolitan areas, including the Bay Area, to reduce GHG emissions from cars and light-duty trucks. The mechanism for achieving these reductions is the preparation of an SCS.

### State RTP Guidelines

The California Transportation Commission (CTC)’s RTP Guidelines, last updated in 2017, tie together federal and state regulations and CTC policy direction to guide the development of RTPs. CTC programming policy prohibits the allocation of funds to projects that are not consistent with an adopted RTP.

Section 65080 of the Government Code, as amended by SB 375, states that the RTP shall contain four distinct elements:

- A Policy Element that reflects the mobility goals, policies and objectives of the region;
- A Sustainable Communities Strategy (SCS), as established through SB 375;
- An Action Element that identifies programs and actions to implement the RTP; and
- A Financial Element that summarizes the cost of implementing the projects in the RTP in a financially constrained environment.

### **C. Consistency Findings with the RTP/SCS**

MTC’s findings for the consistency between CMPs and the RTP/SCS focus on four areas:

- Consistency with the RTP/SCS goals, growth pattern, and supporting transportation investment strategy;
- Consistency with the MTC travel demand modeling database and methodologies; and,
- Consistency with federal and state air quality plans.

#### **1) The RTP/SCS (“Plan Bay Area 2040”)**

Plan Bay Area 2040, adopted in 2017, along with its predecessor – Plan Bay Area – grew out of SB 375 and serves as the Bay Area’s MTP and RTP/SCS. Plan Bay Area 2040 integrates the region’s SCS into the RTP. Plan Bay Area 2040 was prepared by MTC in partnership with

ABAG, BAAQMD, and BCDC and in collaboration with Caltrans, the nine county-level CMAs or substitute agencies, over two dozen Bay Area transit operators, and numerous transportation stakeholders and the public. Plan Bay Area 2040 achieves and exceeds the Bay Area’s regional GHG reduction targets set forth by CARB and was prepared in compliance with the CTC’s RTP Guidelines.

Goals and Targets

Plan Bay Area 2040 incorporates a set of seven goals and thirteen performance targets – one of those being CARB’s GHG emissions reduction target – as quantifiable measures against which progress may be evaluated in addressing the major challenges facing the region, as shown in Table 1. CMAs should consider these goals and targets when preparing their CMPs.

To determine whether a CMP is consistent with Plan Bay Area 2040, MTC *will* first qualitatively evaluate whether the CMP is supportive or in conflict with the Plan Bay Area 2040’s goals and targets shown in Table 1, below. MTC *will not* evaluate whether each CMP achieves Plan Bay Area 2040’s adopted targets.

Table1. Plan Bay Area 2040 Performance Targets

Goal	#	Target
Climate Protection	1	Reduce per-capita GHG (CO <sub>2</sub> ) emissions from cars and light duty trucks by 15% <i>Statutory - Source: California Air Resources Board, as required by SB 375</i>
Adequate Housing	2	House 100% of the region’s projected growth by income level without displacing current low-income residents and with no increase in in-commuters over the Plan baseline year
Healthy & Safe Communities	3	Reduce adverse health impacts associated with air quality, road safety, and physical inactivity by 10%
Open Space & Agricultural Preservation	4	Direct all non-agricultural development within the urban footprint (existing urban development and urban growth boundaries (UGBs))
Equitable Access	5	Decrease the share of lower-income residents’ household income consumed by transportation and housing by 10%
	6	Increase the share of affordable housing in PDAs, transit priority areas (TPAs), or high-opportunity areas by 15%
	7	Do not increase the share of low- and moderate-income renter households in PDAs, TPAs, or high-opportunity areas that are at risk of displacement

Economic Vitality	<b>8</b>	Increase by 20% the share of jobs accessible within 30 minutes by auto or within 45 minutes by transit in congested conditions
	<b>9</b>	Increase by 38% the number of jobs in predominantly middle-wage industries
	<b>10</b>	Reduce per-capita delay on the Regional Freight Network by 20%
Transportation System Effectiveness	<b>11</b>	Increase non-auto mode share by 10%
	<b>12</b>	Reduce vehicle operating and maintenance costs due to pavement conditions by 100%
	<b>13</b>	Reduce per-rider transit delay due to aged infrastructure by 100%

Unless noted, the Performance Target increases or reductions are for 2040 compared to a year 2005 baseline.

Growth Pattern

In addition to reducing GHG emissions, SB 375 requires that the SCS promote compact, mixed-use commercial and residential development, and identify how the region could house its current and projected population. To meet the goals of SB 375, and the GHG reduction targets, Plan Bay Area 2040 largely reflects the foundation and regional growth pattern established in the original Plan Bay Area. Plan Bay Area 2040’s core strategy is “focused growth” in existing communities along the existing transportation network. This strategy builds upon existing community characteristics and leverages existing infrastructure. Key to implementing the focused growth strategy are Priority Development Areas (PDAs) and Priority Conservation Areas (PCAs) identified, recommended, and approved by local governments.

- **Priority Development Areas (PDAs) -**  
 These existing neighborhoods are nominated locally, served by public transit, and include areas that are or will be walkable and bikeable and close to public transit, jobs, schools, shopping, parks, recreation and other amenities.
- **Priority Conservation Areas (PCAs) -**  
 These regionally significant open spaces which have a broad consensus for long-term protection but which face nearer-term development pressures.

In addition, MTC has adopted a Transportation and Land Use Platform that calls for supportive land use plans and policies to support transit extensions in Res. 3434. Further, MTC has adopted a Transit Oriented Development (TOD) Policy, as part of Res. 3434, that establishes specific housing thresholds for these extensions, requires station area plans and establishes corridor working groups. These regional policies and specific projects within the county should be recognized in the CMP (attached as Attachment B, Appendix C).

As a second check to determine whether a CMP is consistent with Plan Bay Area 2040, MTC will qualitatively evaluate whether the CMP is supportive versus in conflict with the Plan Bay Area 2040’s growth strategy.

## Investment Strategy

Plan Bay Area 2040's focused growth strategy is supported by a robust, multi-modal transportation investment strategy that enables the Bay Area to exceed its regional GHG reduction targets. The Plan develops a blueprint for short-term and long-term transportation investments to support the plan's focused growth strategy. Investment priorities reflect a primary commitment to "Fix It First," a key emphasis area in the original Plan Bay Area as well.

Approximately 90 percent of Plan Bay Area 2040's investments focus on operating, maintaining and modernizing the existing transportation system. Plan Bay Area 2040 also directs almost two-thirds of future funding to investments in public transit, mostly to ensure that transit operators can sustain existing service levels through 2040.

- **Operate + Maintain:** This strategy includes projects that replace transit assets, pave local streets and state highways, and operate the transit system.
- **Modernize:** This strategy includes projects that improve the existing system without significantly increasing the geographical extent of the infrastructure. Electrifying Caltrain and portions of the express lane network are two major investments in this category.
- **Expand:** This strategy includes projects that extend fixed-guideway rail service or add lanes to roadways. Extending Caltrain to downtown San Francisco and BART into Silicon Valley, as well as implementing express lanes on U.S.101 in San Mateo and Santa Clara counties, are major investments in this category.

### *Regional Transit Expansion Program*

The Regional Transit Expansion Program –adopted by the Commission as Resolution 3434– calls for a nearly \$18 billion investment in new rail and bus projects that will improve mobility and enhance connectivity for residents throughout the Bay Area. Further, Plan Bay Area 2040 identifies modernization and expansion projects to increase transit capacity in core locations of the Bay Area, including the transbay corridor, peninsula corridor, within San Francisco, and within Santa Clara County. This includes projects such as extending BART to San Jose and Santa Clara, extending Caltrain to downtown San Francisco, extending VTA's light rail on the Capitol Expressway and Vasona lines, and extending SMART to Larkspur and Windsor.

### *RTP Financial Requirements and Projections*

Under the federal transportation authorization (FAST), the actions, programs and projects in the RTP must be fiscally constrained, meaning their costs cannot exceed the forecast of public and private revenues that are reasonably expected to be available. While CMPs are not required by legislation to be fiscally constrained, recognition of financial constraints, including the costs for maintaining, rehabilitating, and operating the existing multi-modal system and the status of specific major projects, will strengthen the consistency and linkage between the regional planning process and the CMP. The CMA may submit project proposals for consideration by MTC in developing future fiscally constrained RTPs.



As a final check to determine whether a CMP is consistent with Plan Bay Area 2040, MTC will verify whether the CMP's CIP is consistent with the Plan Bay Area 2040's adopted investment strategy. The scope, schedule, and cost estimates of regionally-significant projects must be consistent with Plan Bay Area 2040's adopted project list, and non-regionally significant projects must align with a programmatic category in Plan Bay Area 2040's adopted project list.

## 2) Consistency with the MTC Travel Demand Modeling Databases and Methodologies

MTC's statutory requirements regarding consistent databases are as follows:

*The agency, (i.e., the CMA) in consultation with the regional agency, cities, and the county, shall develop a uniform data base on traffic impacts for use in a countywide transportation computer model . . . The computer models shall be consistent with the modeling methodology adopted by the regional planning agency. The data bases used in the models shall be consistent with the data bases used by the regional planning agency. Where the regional agency has jurisdiction over two or more counties, the data bases used by the agency shall be consistent with the data bases used by the regional agency.* (Section 65089 (c))

MTC desires the development and implementation of consistent travel demand models, with shared input databases, to provide a common foundation for transportation policy and investment analysis.

The Bay Area Partnership's Regional Model Working Group (RMWG) serves as a forum for sharing data and expertise and providing peer review for issues involving the models developed by or for the CMAs, MTC, and other parties. The MTC Checklist for Modeling will be used to guide the consistency assessment of CMA models with the MTC model.

The Checklist is included in Attachment B, and addresses:

- Demographic/econometric forecasts;
- Pricing assumptions;
- Network assumptions;
- Travel demand methodologies; and,
- Traffic assignment methodologies.

### Level of Service Methodology

CMP statutory requirements regarding level of service are as follows

*"Level of service (LOS) shall be measured by Circular 212, by the most recent version of the Highway Capacity Manual, or by a uniform methodology adopted by the agency that is consistent with the Highway Capacity Manual."* (Section 65089 (b))

The most recently adopted highway capacity manual is Highway Capacity Manual, Sixth Edition: A Guide for Multimodal Mobility Analysis, or HCM 2016, or HCM6, was released in 2016. This edition incorporates the latest research on highway capacity, quality of service, *Active Traffic and Demand Management*, and travel time reliability.

Over the last several years, the State of California Office of Planning and Research (OPR) has been in the process of developing an alternative to the LOS approach as it relates to the California Environmental Quality Act (CEQA) in response to SB 743 (Steinberg, 2013). OPR's proposed alternative is an assessment of vehicle miles traveled (VMT). In December 2018, the California Natural Resources Agency certified and adopted the CEQA Guidelines update package, including the Guidelines section implementing SB 743 (§ 15064.3).

### **3) Consistency with pertinent Air Quality Plans**

Transportation Control Measures (TCMs) are identified in the federal and state air quality plans to achieve and maintain the respective standards for ozone and carbon monoxide. The statutes require that the Capital Improvement Program (CIP) of the CMP conform to transportation related vehicle emission air quality mitigation measures. CMPs should promote the region's adopted TCMs for federal and state air quality plans. In addition, CMPs are encouraged to consider the benefits of GHG reductions in developing the CIP, although GHG emission reductions are not currently required in federal and state air quality plans.

A reference to the lists of federal and state TCMs is provided in Attachment B. The lists may be updated from time to time to reflect changes in the federal and state air quality plans.

In particular, TCMs that require local implementation should be identified in the CMP, specifically in the CIP.

CMPs are also required to contain provisions pertaining to parking cash-out.

*The city or county in which a commercial development will implement a parking cash-out program that is included in a congestion management program pursuant to subdivision (b), or in a deficiency plan pursuant to Section 65089.4, shall grant to that development an appropriate reduction in the parking requirements otherwise in effect for new commercial development. (2) At the request of an existing commercial development that has implemented a parking cashout program, the city of county shall grant an appropriate reduction in the parking requirements otherwise applicable based on the demonstrated reduced need for parking, and the space no longer needed for parking purposes may be used for other appropriate purposes. (Section 65089 (d))*

As of January 1, 2010, cities, counties and air districts were given the option to enforce the State Parking Cash-Out statutes (Section 43845 of the Health and Safety Code), as per SB 728 (Lowenthal). This provided local jurisdictions with another tool to craft their own approaches to support multi-modal transportation systems, address congestion and greenhouse gases.

### **D. Consistency and Compatibility of the Programs within the Region**

The CMP statutes require that, in the case of a multi-county regional transportation agency, that agency shall evaluate the consistency and compatibility of the CMPs within the region. Further, it is the Legislature's stated intention that the regional agency (i.e., MTC in the San Francisco Bay Area) resolve inconsistencies and mediate disputes between or among CMPs within a region.

To the extent useful and necessary, MTC will identify differences in methodologies and approaches between the CMPs on such issues as performance measures and land use impacts.

The CMP statutes also require that the CMA designate a system of highways and roadways which shall be subject to the CMP requirements. Consistency requires the regional continuity of the CMP designated system for facilities that cross county borders.

To determine whether a CMP is consistent with the system definition of adjoining counties, MTC will review the draft CMPs to determine whether adjacent counties have the same designations of cross border facilities.

#### **E. Incorporation of the CMP Projects into the RTIP**

State transportation statutes require that the MTC, in partnership with the state and local agencies, develop the RTIP on a biennial cycle. The RTIP is the regional program for state and federal funding, adopted by MTC and provided to CTC for the development of the State Transportation Improvement Program (STIP). In 1997, SB 45 (Statutes 1997, Chapter 622) significantly revised State transportation funding policies, delegating project selection and delivery responsibilities for a major portion of funding to regions and counties. Subsequent changes to state law (AB 2928 – Statutes 2000, Chapter 91) made the RTIP a five-year proposal of specific projects, developed for specific fund sources and programs. The RTIP is required to be consistent with the most recently adopted RTP (Plan Bay Area 2040).

The CMP statutes establish a direct linkage between CMPs that have been found to be consistent with the RTP, and the RTIP. MTC will review the projects in the CIP of the CMP for consistency with the RTP. MTC's consistency findings for projects in the CMPs will be limited to those projects that are included in the RTP, and do not extend to other projects that may be included in the CMP. Some projects may be found consistent with a program or programmatic category in the RTP. MTC, upon finding that the CMP is consistent with the RTP, shall incorporate the CMP's program of projects into the RTIP, subject to specific programming and funding requirements. If MTC finds the CMP inconsistent, it may exclude any project in the program from inclusion in the RTIP. Since the RTIP must be consistent with the RTP, projects that are not consistent with the RTP will not be included in the RTIP. MTC may include certain projects or programs in the RTIP which are not in a CIP, but which are in the RTP. In addition, SB 45 requires projects included in the Interregional Transportation Improvement Program (ITIP) to be consistent with the RTP.

MTC will establish funding bid targets for specific funds, based upon the fund estimate as adopted by the CTC. Project proposals can only be included in the RTIP within these funding bid targets. MTC will also provide information on other relevant RTIP processes and requirements, including coordination between city, county, and transit districts for project applications, schedule, evaluations and recommendations of project submittals, as appropriate for the RTIP.

As per CTC's Guidelines, MTC will evaluate the projects in the RTIP based on specific performance indicators and measures as established in the RTP and provide this evaluation to the CTC along with the RTIP. CMAs are encouraged to consider the performance measures in Plan

Bay Area when developing specific project proposals for the RTIP; more details will be provided in the RTIP Policies and Procedures document, adopted by MTC for the development of the RTIP.

## **II. CMP PREPARATION & SUBMITTAL TO MTC**

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### **A. CMP Preparation**

If prepared, the CMP shall be developed by the CMA in consultation with, and with the cooperation of, MTC, transportation providers, local governments, Caltrans, and the BAAQMD, and adopted at a noticed public hearing of the CMA. As established in SB 45, the RTIP is scheduled to be adopted by December 15 of each odd numbered year. If circumstances arise that change this schedule, MTC will work with the CMAs and substitute agencies in determining an appropriate schedule and mechanism to provide input to the RTIP.

### **B. Regional Coordination**

In addition to program development and coordination at the county level, and consistency with the RTP, the compatibility of the CMPs with other Bay Area CMPs would be enhanced through identification of cross county issues in an appropriate forum, such as Partnership and other appropriate policy and technical committees. Discussions would be most beneficial if done prior to final CMA actions on the CMP

### **C. Submittal to MTC**

To provide adequate review time, draft CMPs should be submitted to MTC in accordance to a schedule MTC will develop to allow sufficient time for incorporation into the RTIP for submittal to the California Transportation Commission. Final CMPs must be adopted prior to final MTC consistency findings.

### **D. MTC Consistency Findings for CMPs**

MTC will evaluate consistency of the CMP every two years with the RTP that is in effect when the CMP is submitted; for the 2019 CMP the RTP in effect will be Plan Bay Area 2040. MTC will evaluate the consistency of draft CMPs when received, based upon the areas specified in this guidance, and will provide staff comments of any significant concerns. MTC can only make final consistency findings on CMPs that have been officially adopted.

Date: June 25, 1997  
W.I.: 30.5.10  
Referred By: WPC  
Revised: 06/11/99-W 05/11/01-POC  
06/13/03-POC 06/10/05-POC  
05/11/07-PC 05/08/09-PC  
06/10/11-PC 07/12/13-PC  
10/09/15-PC 06/14/19-PC

Attachment B  
Resolution No. 3000  
Page 1 of 16

**Attachment B to MTC Resolution No. 3000 consists of:**

- Appendix A Federal and State Transportation Control Measures
- Appendix B Checklist for Modeling Consistency for CMPs
- Appendix C MTC's Regional Transit Expansion Program of Projects  
(MTC Resolution No. 3434, revised 09/24/08)
- Appendix D MTC's Resolution No. 3434 Transit Oriented Development  
(TOD) Policy, revised 10/24/07

## **Appendix A: Federal and State Transportation Control Measures (TCMs)**

### **Federal TCMs:**

For a list and description of current Federal TCMs, see the “Federal Ozone Attainment Plan for the 1-Hour National Ozone Standard” adopted Oct. 24, 2001, and “2004 Revision to the California State Implementation Plan for Carbon Monoxide, Updated Maintenance Plan for Ten Federal Planning Areas,” approved January 30, 2006.

The current Federal TCMs have been fully implemented. Refer to the "Final Transportation Air Quality Conformity Analysis for the Plan and the Proposed Final 2015 Transportation Improvement Program" at

[http://files.mtc.ca.gov/pdf/final\\_pba\\_and\\_2015\\_tip\\_air\\_quality\\_conformity\\_analysis.pdf](http://files.mtc.ca.gov/pdf/final_pba_and_2015_tip_air_quality_conformity_analysis.pdf) (page 19) for the specific implementation steps in the advancement of these Federal TCMs.

### **State TCMs:**

For a list and description of current State TCMs, see “Bay Area 2010 Ozone Strategy,” or subsequent revisions as adopted by the Bay Area Air Quality Management.

### **CMAQ Evaluation and Assessment Report:**

MTC participated in a federal evaluation and assessment of the direct and indirect impacts of a representative sample of Congestion Mitigation and Air Quality (CMAQ) – funded projects on air quality and congestion levels. The study estimated the impact of these projects on emissions of transportation related pollutants, including carbon monoxide (CO), ozone precursors – oxides of nitrogen (NO<sub>x</sub>), volatile organic compounds (VOCs), particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>), and carbon dioxide (CO<sub>2</sub>) for information purposes, as well as on traffic congestion and mobility. There is also additional analysis of the selected set of CMAQ-funded projects to estimate of the cost effectiveness at reducing emissions of each pollutant. This report may be of interest to CMAs; it is available on line at:

<http://www.fhwa.dot.gov/environment/cmaqpgs/safetealu1808/index.htm>

or from the MTC/ABAG Library.

## Appendix B: MTC Checklist for Modeling Consistency for CMPs

### Overall approach

MTC's goal is to establish regionally consistent model "sets" for application by MTC and the CMAs. In the winter of 2010/2011, MTC implemented *Travel Model One* – an "activity-based" model – to replace the previous trip-based modeling tool – *BAYCAST-90* – that had been in place for the past two decades. *Travel Model One* has seen incremental updates since its implementation. Additionally, MTC has been developing the next generation of its activity-based model, called *Travel Model Two*, although it is not yet ready for application. Because the CMAs use a variety of modeling tools, these guidelines must accommodate a framework in which trip-based and activity-based models can be aligned. The approach therefore consists of a checklist to adjudge consistency across model components.

### Checklist

This checklist guides the CMAs through their model development and consistency review process by providing an inventory of specific products to be developed and submitted to MTC, and by describing standard practices and assumptions.

Because of the complexity of the topic, the checklist may need additional detailed information to explain differences in methodologies or data. Significant differences will be resolved between MTC and the CMAs, taking advantage of the Regional Model Working Group (RMWG). Standard formats for model comparisons will be developed by MTC for use in future guidelines.

### Incremental updates

The CMA forecasts must be updated every two years to be consistent with MTC's forecasts. Alternative approaches to fully re-running the entire model are available, including incremental approaches through the application of factors to demographic inputs and/or trip tables. Similarly, the horizon year must be the same as the TIP horizon year. However, interpolation and extrapolation approaches are acceptable, with appropriate attention to network changes. These alternatives to re-running the entire model should be discussed with MTC before the CMP is adopted by the CMA.

### Defining the MTC model sets

The MTC model sets referred to below are defined as those in use on December 31st of the year preceding the CMP update.

### Key Assumptions

Please report the following information.

#### A. General approach:

Discuss the general approach to travel demand modeling by the CMA and the CMA model's relationship to *BAYCAST-90*, *Travel Model One* or *Travel Model Two*.

**Product:** 1) Description of the above.

#### B. Demographic/economic/land use forecasts:

Both base and forecast year demographic/economic/land use ("land use") inputs must be consistent – though not identical – to *Plan Bay Area 2040's* traffic analysis zone (TAZ)

level land use data provided by MTC/ABAG. Specifically, if CMAs wish to reallocate land use within their own county (or counties), they must consult with the affected city (or cities) as well as with MTC/ABAG. Further, the resulting deviation in the subject county (or counties) should be within the ranges specified by MTC/ABAG for the following variables: population, households, jobs, and employed residents. Outside the subject county (or counties), the land use variables in the travel analysis zones used by the county must match either MTC/ABAG's estimates exactly when aggregated/disaggregated to census tracts or the county-in-question's estimates per the revision process noted above (e.g. Santa Clara county could use the revised estimates San Mateo developed through consultation with local cities and MTC/ABAG). Forecast year demand estimates should use the *Plan Bay Area 2040* land use data. CMAs may also analyze additional, alternative land use scenarios that will not be subject to consistency review.

**Products:** 2) A statement establishing that the differences between key ABAG land use variables (i.e., population, households, jobs, and employed residents), and those of the CMA do not differ by more than one percent at the county level for the subject county. A statement establishing that no differences exist at the TAZ-level outside the county between the MTC/ABAG forecast or the MTC/ABAG/CMA revised forecast.

3) A table comparing the MTC/ABAG land use estimates with the CMA land use estimates by county for population, households, jobs, and employed residents for both the base year and the horizon year.

4) If land use estimates within the CMA's county are modified from MTC/ABAG's projections, agendas, discussion summaries, and action items from each meeting held with cities, MTC, and/or ABAG at which the redistribution was discussed, as well as before/after census-tract-level data summaries and maps.

**C. Pricing assumptions:**

Use MTC's automobile operating costs, transit fares, and bridge tolls or provide an explanation for the reason such values are not used.

**Product:** 5) Table comparing the assumed automobile operating cost, key transit fares, and bridge tolls to MTC's values for the horizon year.

**D. Network assumptions:**

Use MTC's regional highway and transit network assumptions for the other Bay Area counties. CMAs should include more detailed network definition relevant to their own county in addition to the regional highway and transit networks. For the CMP horizon year, to be compared with the TIP interim year, regionally significant network changes in the base case scenario shall be limited to the current Transportation Improvement Program (TIP) for projects subject to inclusion in the TIP.

**Product:** 6) Statement establishing satisfaction of the above.



E. Automobile ownership:

Use *Travel Model One* automobile ownership models or forecasts or submit alternative models to MTC for review and comment.

**Product:** 7) County-level table comparing estimates of households by automobile ownership level (zero, one, two or more automobiles) to MTC's estimates for the horizon year.

F. Tour/trip generation:

Use *Travel Model One* tour generation models or forecasts or submit alternative models to MTC for review and comment.

**Product:** 8) Region-level tables comparing estimates of trip and/or tour frequency by purpose to MTC's estimates for the horizon year.

G. Activity/trip location:

Use *Travel Model One* activity location models or forecasts or submit alternative models to MTC for review and comment.

**Products:** 9) Region-level tables comparing estimates of average trip distance by tour/trip purpose to MTC's estimates for the horizon year.

10) County-to-county comparison of journey-to-work or home-based work flow estimates to MTC's estimates for the horizon year.

H. Travel mode choice:

Use *Travel Model One* models or forecasts or submit alternative models to MTC for review and comment.

**Product:** 11) Region-level tables comparing travel mode share estimates by tour/trip purpose to MTC's estimates for the horizon year.

I. Traffic assignment:

Use *Travel Model One* models or submit alternative models to MTC for review and comment.

**Products:** 12) Region-level, time-period-specific comparison of vehicle miles traveled and vehicle hours traveled estimates by facility type to MTC's estimates for the horizon year.

13) Region-level, time-period-specific comparison of estimated average speed on freeways and all other facilities, separately, to MTC's estimates for the horizon year.

Alternatively, CMAs may elect to utilize MTC zone-to-zone vehicle trip tables, adding network and zonal details within the county as appropriate, and then re-run the assignment. In this case, only Products 12 and 13 are applicable.

## Appendix C: MTC's Regional Transit Expansion Program of Projects

*Note that Resolution No. 3434, Revised, is reproduced below with the TOD Policy attached as Appendix D to Resolution No. 3000; other associated appendices are not attached here – the other appendices are available upon request from the MTC library.*

Date: December 19, 2001  
W.I.: 12110  
Referred by: POC  
Revised: 01/30/02-C 07/27/05-C  
04/26/06-C 10/24/07-C  
09/24/08-C

### ABSTRACT

Resolution No. 3434, Revised

This resolution sets forth MTC's Regional Transit Expansion Program of Projects.

This resolution was amended on January 30, 2002 to include the San Francisco Geary Corridor Major Investment Study to Attachment B, as requested by the Planning and Operations Committee on December 14, 2001.

This resolution was amended on July 27, 2005 to include a Transit-Oriented Development (TOD) Policy to condition transit expansion projects funded under Resolution 3434 on supportive land use policies, as detailed in Attachment D-2.

This resolution was amended on April 26, 2006 to reflect changes in project cost, funding, and scope since the 2001 adoption.

This resolution was amended on October 24, 2007 to reflect changes in the Transit-Oriented Development (TOD) Policy in Attachment D-2.

This resolution was amended on September 24, 2008 to reflect changes associated with the 2008 Strategic Plan effort (Attachments B, C and D).

Further discussion of these actions are contained in the MTC Executive Director's Memorandum dated December 14, 2001, July 8, 2005, April 14, 2006, October 12, 2007 and September 10, 2008.

Date: December 19, 2001  
W.I.: 12110  
Referred by: POC

RE: Regional Transit Expansion Program of Projects

METROPOLITAN TRANSPORTATION COMMISSION  
RESOLUTION NO. 3434, Revised

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code Section 66500 et seq.; and

WHEREAS, MTC adopted Resolution No. 1876 in 1988 which set forth a new rail transit starts and extension program for the region; and

WHEREAS, significant progress has been made in implementing Resolution No. 1876, with new light rail service in operation in San Francisco and Silicon Valley, new BART service extended to Bay Point and Dublin/Pleasanton in the East Bay, and the BART extension to San Francisco International Airport scheduled to open in 2002; and

WHEREAS, MTC's long range planning process, including the Regional Transportation Plan and its *Transportation Blueprint for the 21<sup>st</sup> Century*, provides a framework for comprehensively evaluating the next generation of major regional transit expansion projects to meet the challenge of congestion in major corridors throughout the nine-county Bay Area; and

WHEREAS, the Commission adopted Resolution No. 3357 as the basis for assisting in the evaluations of rail and express/rapid bus projects to serve as the companion follow-up program to Resolution No. 1876; and

WHEREAS, local, regional, state and federal discretionary funds will continue to be required to finance an integrated program of new rail transit starts and extensions including those funds which are reasonably expected to be available under current conditions, and new funds which need to be secured in the future through advocacy with state and federal legislatures and the electorate; and

WHEREAS, the Regional Transit Expansion program of projects will enhance the Bay Area's transit network with an additional 140 miles of rail, 600 miles of new express bus routes,

and a 58% increase in service levels in several existing corridors, primarily funded with regional and local sources of funds; and

WHEREAS, MTC recognizes that coordinated regional priorities for transit investment will best position the Bay Area to compete for limited discretionary funding sources now and in the future; now, therefore, be it

RESOLVED, that MTC adopts a Regional Transit Expansion Program of Projects, consistent with the Policy and Criteria established in Resolution No. 3357, as outlined in Attachment A, attached hereto and incorporated herein as though set forth at length; and be it further

RESOLVED, that this program of projects, as set forth in Attachment B is accompanied by a comprehensive funding strategy of local, regional, state and federal funding sources as outlined in Attachment C, attached hereto and incorporated herein as though set forth at length; and, be it further

RESOLVED, that the regional discretionary funding commitments included in this financial strategy are subject to the terms and conditions outlined in Attachment D, attached hereto and incorporated herein as though set forth at length; and, be it further

METROPOLITAN TRANSPORTATION COMMISSION

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Sharon J. Brown, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in Oakland, California, on December 19, 2001.

## Appendix D: MTC's Regional Transit Expansion Program of Projects - TOD Policy

*Res. No. 3434, TOD Policy (Attachment D-2), revised October 24, 2007, is shown below;  
other associated Res. 3434 appendices are available upon request from the MTC library.*

Date: July 27, 2005  
W.I.: 12110  
Referred by: POC  
Revised: 10/24/07-C

Attachment D-2  
Resolution No. 3434  
Page 1 of 7

### MTC RESOLUTION 3434 TOD POLICY FOR REGIONAL TRANSIT EXPANSION PROJECTS

#### 1. Purpose

The San Francisco Bay Area—widely recognized for its beauty and innovation—is projected to grow by almost two million people and one and a half million jobs by 2030. This presents a daunting challenge to the sustainability and the quality of life in the region. Where and how we accommodate this future growth, in particular where people live and work, will help determine how effectively the transportation system can handle this growth.

The more people who live, work and study in close proximity to public transit stations and corridors, the more likely they are to use the transit systems, and more transit riders means fewer vehicles competing for valuable road space. The policy also provides support for a growing market demand for more vibrant, walkable and transit convenient lifestyles by stimulating the construction of at least 42,000 new housing units along the region's major new transit corridors and will help to contribute to a forecasted 59% increase in transit ridership by the year 2030.

This TOD policy addresses multiple goals: improving the cost-effectiveness of regional investments in new transit expansions, easing the Bay Area's chronic housing shortage, creating vibrant new communities, and helping preserve regional open space. The policy ensures that transportation agencies, local jurisdictions, members of the public and the private sector work together to create development patterns that are more supportive of transit.

There are three key elements of the regional TOD policy:

- (a) Corridor-level thresholds to quantify appropriate minimum levels of development around transit stations along new corridors;

- (b) Local station area plans that address future land use changes, station access needs, circulation improvements, pedestrian-friendly design, and other key features in a transit-oriented development; and
- (c) Corridor working groups that bring together CMAs, city and county planning staff, transit agencies, and other key stakeholders to define expectations, timelines, roles and responsibilities for key stages of the transit project development process.

## 2. TOD Policy Application

The TOD policy only applies to physical transit extensions funded in Resolution 3434 (see Table 1). The policy applies to any physical transit extension project with regional discretionary funds, regardless of level of funding. Resolution 3434 investments that only entail level of service improvements or other enhancements without physically extending the system are not subject to the TOD policy requirements. Single station extensions to international airports are not subject to the TOD policy due to the infeasibility of housing development.

**TABLE 1:  
 RESOLUTION 3434 TRANSIT EXTENSION PROJECTS SUBJECT TO CORRIDOR THRESHOLDS**

Project	Sponsor	Type	Threshold met with current development?	Meets TOD Policy (with current + new development as planned)?
BART East Contra Costa Rail Extension (eBART)				
(a) Phase 1 Pittsburg to Antioch			No	Yes
(b) Future phases	BART/ CCTA	Commuter Rail	No	No
BART – Downtown Fremont to San Jose/ Santa Clara				
(a) Fremont to Berryessa	(a) BART	BART Extension	No	Not yet determined; planning is underway
(b) Berryessa to San Jose/ Santa Clara	(b) VTA		No	Not yet determined
AC Transit Berkeley/Oakland/San Leandro Bus Rapid Transit: Phase 1	AC Transit	Bus Rapid Transit	Yes	Yes
Caltrain Downtown Extension/Rebuilt Transbay Terminal	TJPA	Commuter Rail	Yes	Yes
MUNI Third Street LRT Project Phase 2 – New Central Subway	MUNI	Light Rail	Yes	Yes
Sonoma-Marin Rail				
(a) Phase 1 downtown San Rafael to downtown Santa Rosa				Not yet determined; planning is underway
(b) Futures phases tbd	SMART	Commuter Rail	No	Not yet being planned
Dumbarton Rail	SMTA, ACCMA, VTA, ACTIA, Capitol Corridor	Commuter Rail	No	Not yet determined; planning is underway
Expanded Ferry Service to Berkeley, Alameda/Oakland/Harbor Bay, Hercules, Richmond, and South San Francisco; and other improvements*	WTA	Ferry	No	Line specific

*\* Ferry terminals where development is feasible shall meet a housing threshold of 2500 units. MTC staff will make the determination of development feasibility on a case by case basis.*

### 3. Definitions and Conditions of Funding

For purposes of this policy “regional discretionary funding” consists of the following sources identified in the Resolution 3434 funding plan:

- FTA Section 5309- New Starts
- FTA Section 5309- Bus and Bus Facilities Discretionary
- FTA Section 5309- Rail Modernization
- Regional Measure 1- Rail (bridge tolls)
- Regional Measure 2 (bridge tolls)
- Interregional Transportation Improvement Program
- Interregional Transportation Improvement Program-Intercity rail
- Federal Ferryboat Discretionary
- AB 1171 (bridge tolls)
- CARB-Carl Moyer/AB434 (Bay Area Air Quality Management District) <sup>2</sup>

These regional funds may be programmed and allocated for environmental and design related work, in preparation for addressing the requirements of the TOD policy. Regional funds may be programmed and allocated for right-of-way acquisition in advance of meeting all requirements in the policy, if land preservation for TOD or project delivery purposes is essential. No regional funds will be programmed and allocated for construction until the requirements of this policy have been satisfied. See Table 2 for a more detailed overview of the planning process.

### 4. Corridor-Level Thresholds

Each transit extension project funded in Resolution 3434 must plan for a minimum number of housing units along the corridor. These corridor-level thresholds vary by mode of transit, with more capital-intensive modes requiring higher numbers of housing units (see Table 3). The corridor thresholds have been developed based on potential for increased transit ridership, exemplary existing station sites in the Bay Area, local general plan data, predicted market demand for TOD-oriented housing in each county, and an independent analysis of feasible development potential in each transit corridor.

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<sup>2</sup> The Carl Moyer funds and AB 434 funds are controlled directly by the California Air Resources Board and Bay Area Air Management District. Res. 3434 identifies these funds for the Caltrain electrification project, which is not subject to the TOD policy.



<b>TABLE 2: REGIONAL TOD POLICY IMPLEMENTATION PROCESS FOR TRANSIT EXTENSION PROJECTS</b>		
Transit Agency Action	City Action	MTC/CMA/ABAG Action
<p><i>All parties in corridors that do not currently meet thresholds (see Table 1) establish Corridor Working Group to address corridor threshold. Conduct initial corridor performance evaluation, initiate station area planning.</i></p> <p style="text-align: center;">↓</p>		
Environmental Review/ Preliminary Engineering/ Right-of-Way	Conduct Station Area Plans	Coordination of corridor working group, funding of station area plans
<p><i>Step 1 Threshold Check: the combination of new Station Area Plans and existing development patterns exceeds corridor</i></p>		
Final Design	Adopt Station Area Plans. Revise general plan policies and zoning, environmental reviews	Regional and county agencies assist local jurisdictions in implementing station area plans
<p><i>Step 2 Threshold Check: (a) local policies adopted for station areas; (b) implementation mechanisms in place per adopted Station Area Plan by the time Final Design is completed.</i></p> <p style="text-align: center;">↓</p>		
Construction	Implementation (financing, MOUs) Solicit development	TLC planning and capital funding, HIP funding

<b>TABLE 3: CORRIDOR THRESHOLDS HOUSING UNITS – AVERAGE PER STATION AREA</b>					
Project Type	BART	Light Rail	Bus Rapid Transit	Commuter Rail	Ferry
Housing Threshold	3,850	3,300	2,750	2,200	2,500
<p><i>Each corridor is evaluated for the Housing Threshold. For example, a four station commuter rail extension (including the existing end-of-the—line station) would be required to meet a corridor-level threshold of 8,800 housing units.</i></p> <p><i>Threshold figures above are an average per station area for all modes except ferries based on both existing land uses and planned development within a half mile of all stations. New below market rate housing is provided a 50% bonus towards meeting housing unit threshold.</i></p> <p><i>* Ferry terminals where development is feasible shall meet a housing threshold of 2500 units.</i></p> <p><i>MTC staff will make the determination of development feasibility on a case by case basis.</i></p>					

- Meeting the corridor level thresholds requires that within a half mile of all stations, a combination of existing land uses and planned land uses meets or exceeds the overall corridor threshold for housing (listed in Table 3);
- Physical transit extension projects that do not currently meet the corridor thresholds with development that is already built will receive the highest priority for the award of MTC's Station Area Planning Grants.
- To be counted toward the threshold, planned land uses must be adopted through general plans, and the appropriate implementation processes must be put in place, such as zoning codes. General plan language alone without supportive implementation policies, such as zoning, is not sufficient for the purposes of this policy. Ideally, planned land uses will be formally adopted through a specific plan (or equivalent), zoning codes and general plan amendments along with an accompanying programmatic Environmental Impact Report (EIR) as part of the overall station area planning process. Minimum densities will be used in the calculations to assess achievement of the thresholds.
- An existing end station is included as part of the transit corridor for the purposes of calculating the corridor thresholds; optional stations will not be included in calculating the corridor thresholds.
- New below-market housing units will receive a 50 percent bonus toward meeting the corridor threshold (i.e. one planned below-market housing unit counts for 1.5 housing units for the purposes of meeting the corridor threshold. Below market for the purposes of the Resolution 3434 TOD policy is affordable to 60% of area median income for rental units and 100% of area median income for owner-occupied units);
- The local jurisdictions in each corridor will determine job and housing placement, type, density, and design.
- The Corridor Working Groups are encouraged to plan for a level of housing that will significantly exceed the housing unit thresholds stated here during the planning process. This will ensure that the Housing Unit Threshold is exceeded corridor-wide and that the ridership potential from TOD is maximized.

## 5. Station Area Plans

Each proposed physical transit extension project seeking funding through Resolution 3434 must demonstrate that the thresholds for the corridor are met through existing development and adopted station area plans that commit local jurisdictions to a level of housing that meets the threshold. This requirement may be met by existing station area plans accompanied by appropriate zoning and implementation mechanisms. If new station area plans are needed to meet the corridor threshold, MTC will assist in funding the plans. The Station Area Plans shall be conducted by local governments in coordination with transit agencies, Association of Bay Area Governments (ABAG), MTC and the Congestion Management Agencies (CMAs).

Station Area Plans are opportunities to define vibrant mixed use, accessible transit villages and quality transit-oriented development – places where people will want to live, work, shop and spend time. These plans should incorporate mixed-use developments, including new housing, neighborhood serving retail, employment, schools, day care centers, parks and other amenities to serve the local community.

At a minimum, Station Area Plans will define both the land use plan for the area as well as the policies—zoning, design standards, parking policies, etc.—for implementation. The plans shall at a minimum include the following elements:

- Current and proposed land use by type of use and density within the ½ mile radius, with a clear identification of the number of existing and planned housing units and jobs;
- Station access and circulation plans for motorized, non-motorized and transit access. The station area plan should clearly identify any barriers for pedestrian, bicycle and wheelchair access to the station from surrounding neighborhoods (e.g., freeways, railroad tracks, arterials with inadequate pedestrian crossings), and should propose strategies that will remove these barriers and maximize the number of residents and employees that can access the station by these means. The station area and transit village public spaces shall be made accessible to persons with disabilities.
- Estimates of transit riders walking from the half mile station area to the transit station to use transit;
- Transit village design policies and standards, including mixed use developments and pedestrian-scaled block size, to promote the livability and walkability of the station area;
- TOD-oriented parking demand and parking requirements for station area land uses, including consideration of pricing and provisions for shared parking;
- Implementation plan for the station area plan, including local policies required for development per the plan, market demand for the proposed development, potential phasing of development and demand analysis for proposed development.

The Station Area Plans shall be conducted according to the guidelines established in MTC's Station Area Planning Manual.

## 6. Corridor Working Groups

The goal of the Corridor Working Groups is to create a more coordinated approach to planning for transit-oriented development along Resolution 3434 transit corridors. Each of the transit extensions subject to the corridor threshold process, as identified in Table 1, will need a Corridor Working Group, unless the current level of development already meets the corridor threshold. Many of the corridors already have a transit project working group that may be adjusted to take on this role. The Corridor Working Group shall be coordinated by the relevant CMAs, and will include the sponsoring transit agency, the local jurisdictions in the corridor, and representatives from ABAG, MTC, and other parties as appropriate.

The Corridor Working Group will assess whether the planned level of development satisfies the corridor threshold as defined for the mode, and assist in addressing any deficit in meeting the threshold by working to identify opportunities and strategies at the local level. This will include the key task of distributing the required housing units to each of the affected station sites within the defined corridor. The Corridor Working Group will continue with corridor evaluation, station area planning, and any necessary refinements to station locations until the corridor threshold is met and supporting Station Area Plans are adopted by the local jurisdictions.

MTC will confirm that each corridor meets the housing threshold prior to the release of regional discretionary funds for construction of the transit project.

7. Review of the TOD Policy

MTC staff will conduct a review of the TOD policy and its application to each of the affected Resolution 3434 corridors, and present findings to the Commission, within 12 months of the adoption of the TOD policy.

# APPENDIX A – 53

## *2021 TIP Detail*

### System Maintenance



Appendix A-53 Plan Bay Area 2040 24-Year Local Street and Roads System Preservation Needs and Revenue  
(Inflated 1,000s)

Jurisdiction	Pavement Need	Non-Pavement Need	Total System Preservation Needs	Committed Revenue	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of Alameda	\$ 268,612	\$ 99,629	\$ 368,241	\$ 268,829	\$ 38,748	\$ 60,664
Alameda	\$ 101,957	\$ 202,087	\$ 304,044	\$ 185,600	\$ 46,166	\$ 72,278
Albany	\$ 24,710	\$ 48,954	\$ 73,664	\$ 37,600	\$ 14,057	\$ 22,007
Berkeley	\$ 186,163	\$ 313,212	\$ 499,375	\$ 459,000	\$ 15,737	\$ 24,638
Dublin	\$ 38,386	\$ 147,255	\$ 185,642	\$ 62,000	\$ 48,192	\$ 75,450
Emeryville	\$ 10,597	\$ 27,872	\$ 38,469	\$ 23,919	\$ 5,671	\$ 8,879
Fremont	\$ 395,023	\$ 597,394	\$ 992,417	\$ 259,700	\$ 285,591	\$ 447,126
Hayward	\$ 230,319	\$ 403,154	\$ 633,473	\$ 172,300	\$ 179,751	\$ 281,421
Livermore	\$ 194,262	\$ 226,748	\$ 421,010	\$ 99,700	\$ 125,237	\$ 196,073
Newark	\$ 73,014	\$ 116,562	\$ 189,576	\$ 50,100	\$ 54,363	\$ 85,112
Oakland	\$ 752,023	\$ 1,082,722	\$ 1,834,746	\$ 618,300	\$ 474,134	\$ 742,311
Piedmont	\$ 20,156	\$ 29,304	\$ 49,460	\$ 19,600	\$ 11,638	\$ 18,221
Pleasanton	\$ 128,246	\$ 197,373	\$ 325,619	\$ 160,400	\$ 64,397	\$ 100,821
San Leandro	\$ 185,526	\$ 233,211	\$ 418,737	\$ 152,700	\$ 103,693	\$ 162,344
Union City	\$ 65,115	\$ 191,819	\$ 256,934	\$ 55,500	\$ 78,513	\$ 122,921
<b>COUNTY TOTAL</b>	<b>\$ 2,674,108</b>	<b>\$ 3,917,297</b>	<b>\$ 6,591,404</b>	<b>\$ 2,625,249</b>	<b>\$ 1,545,890</b>	<b>\$ 2,420,266</b>

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of Contra Costa	\$ 329,191	\$ 139,645	\$ 468,836	\$ 294,700	\$ 70,990	\$ 174,136
Antioch	\$ 209,193	\$ 285,572	\$ 494,765	\$ 207,900	\$ 116,946	\$ 286,865
Brentwood	\$ 61,120	\$ 148,967	\$ 210,087	\$ 74,800	\$ 55,152	\$ 135,287
Clayton	\$ 17,275	\$ 29,765	\$ 47,041	\$ 11,400	\$ 14,530	\$ 35,641
Concord	\$ 260,793	\$ 332,432	\$ 593,225	\$ 161,600	\$ 175,960	\$ 431,625
Danville	\$ 82,234	\$ 115,209	\$ 197,443	\$ 90,700	\$ 43,516	\$ 106,743
El Cerrito	\$ 15,463	\$ 64,045	\$ 79,509	\$ 37,800	\$ 17,003	\$ 41,709
Hercules	\$ 29,044	\$ 65,329	\$ 94,373	\$ 14,400	\$ 32,603	\$ 79,973
Lafayette	\$ 34,405	\$ 66,329	\$ 100,734	\$ 44,500	\$ 22,925	\$ 56,234
Martinez	\$ 112,465	\$ 98,578	\$ 211,043	\$ 67,300	\$ 58,599	\$ 143,743
Moraga	\$ 42,455	\$ 43,419	\$ 85,874	\$ 27,800	\$ 23,675	\$ 58,074
Oakley	\$ 69,820	\$ 102,283	\$ 172,103	\$ 25,600	\$ 59,725	\$ 146,503
Orinda	\$ 63,383	\$ 49,078	\$ 112,461	\$ 24,500	\$ 35,859	\$ 87,961
Pinole	\$ 38,923	\$ 49,959	\$ 88,882	\$ 22,800	\$ 26,939	\$ 66,082
Pittsburg	\$ 105,537	\$ 178,329	\$ 283,865	\$ 116,100	\$ 68,393	\$ 167,765
Pleasant Hill	\$ 71,785	\$ 90,082	\$ 161,867	\$ 125,400	\$ 14,866	\$ 36,467
Richmond	\$ 207,826	\$ 283,062	\$ 490,887	\$ 200,500	\$ 118,382	\$ 290,387
San Pablo	\$ 20,285	\$ 78,395	\$ 98,681	\$ 28,300	\$ 28,692	\$ 70,381
San Ramon	\$ 97,575	\$ 207,158	\$ 304,733	\$ 246,800	\$ 23,618	\$ 57,933
Walnut Creek	\$ 166,659	\$ 176,325	\$ 342,983	\$ 38,400	\$ 124,169	\$ 304,583
<b>COUNTY TOTAL</b>	<b>\$ 2,035,429</b>	<b>\$ 2,603,962</b>	<b>\$ 4,639,391</b>	<b>\$ 1,861,300</b>	<b>\$ 1,132,540</b>	<b>\$ 2,778,091</b>

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of Marin	\$ 353,332	\$ 88,751	\$ 442,083	\$ 140,500	\$ 74,730.97	\$ 301,583
Belvedere	\$ 2,592	\$ 5,593	\$ 8,185	\$ 3,600	\$ 1,136.09	\$ 4,585
Corte Madera	\$ 19,700	\$ 25,027	\$ 44,727	\$ 7,200	\$ 9,299.12	\$ 37,527
Fairfax	\$ 14,834	\$ 20,130	\$ 34,965	\$ 8,800	\$ 6,483.46	\$ 26,165
Larkspur	\$ 41,340	\$ 32,558	\$ 73,898	\$ 12,800	\$ 15,139.89	\$ 61,098
Mill Valley	\$ 42,047	\$ 38,074	\$ 80,122	\$ 51,000	\$ 7,216.22	\$ 29,122
Novato	\$ 113,100	\$ 141,272	\$ 254,373	\$ 91,300	\$ 40,408.73	\$ 163,073
Ross	\$ 4,415	\$ 6,574	\$ 10,989	\$ 3,600	\$ 1,830.97	\$ 7,389

Appendix A-53 Plan Bay Area 2040 24-Year Local Street and Roads System Preservation Needs and Revenue  
(Inflated 1,000s)

San Anselmo	\$ 25,901	\$ 33,410	\$ 59,310	\$ 14,800	\$ 11,029.44	\$ 44,510
San Rafael	\$ 107,726	\$ 156,142	\$ 263,868	\$ 83,300	\$ 44,743.90	\$ 180,568
Sausalito	\$ 14,446	\$ 19,249	\$ 33,696	\$ 5,900	\$ 6,887.63	\$ 27,796
Tiburon	\$ 14,086	\$ 24,260	\$ 38,346	\$ 31,400	\$ 1,721.17	\$ 6,946
<b>COUNTY TOTAL</b>	<b>\$ 753,521</b>	<b>\$ 591,040</b>	<b>\$ 1,344,561</b>	<b>\$ 454,200</b>	<b>\$ 220,628</b>	<b>\$ 890,361</b>

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of Napa	\$ 350,440	\$ 94,474	\$ 444,913	\$ 149,300	\$ 98,801.78	\$ 295,613
American Canyon	\$ 48,247	\$ 53,131	\$ 101,378	\$ 44,500	\$ 19,010.12	\$ 56,878
Calistoga	\$ 15,693	\$ 13,873	\$ 29,566	\$ 11,800	\$ 5,937.81	\$ 17,766
Napa	\$ 197,953	\$ 208,239	\$ 406,193	\$ 292,200	\$ 38,099.38	\$ 113,993
St Helena	\$ 24,090	\$ 15,993	\$ 40,083	\$ 21,000	\$ 6,378.08	\$ 19,083
Yountville	\$ 4,927	\$ 7,956	\$ 12,882	\$ 12,882	\$ -	\$ -
<b>COUNTY TOTAL</b>	<b>\$ 641,350</b>	<b>\$ 393,665</b>	<b>\$ 1,035,015</b>	<b>\$ 531,682</b>	<b>\$ 168,227</b>	<b>\$ 503,333</b>

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
City and County of San Francisco	\$ 1,781,212	\$ 2,229,774	\$ 4,010,987	\$ 2,095,900	\$ 966,272	\$ 1,915,087

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of San Mateo	\$ 141,837	\$ 66,760	\$ 208,597	\$ 204,300	\$ 1,467.99	\$ 4,297
Atherton	\$ 20,138	\$ 18,287	\$ 38,425	\$ 25,600	\$ 4,381.45	\$ 12,825
Belmont	\$ 58,368	\$ 70,532	\$ 128,900	\$ 95,500	\$ 11,410.90	\$ 33,400
Brisbane	\$ 13,937	\$ 11,974	\$ 25,911	\$ 6,700	\$ 6,563.15	\$ 19,211
Burlingame	\$ 45,192	\$ 78,817	\$ 124,009	\$ 38,000	\$ 29,384.01	\$ 86,009
Colma	\$ 5,076	\$ 3,903	\$ 8,979	\$ 4,700	\$ 1,461.87	\$ 4,279
Daly City	\$ 75,250	\$ 279,011	\$ 354,261	\$ 78,100	\$ 94,347.52	\$ 276,161
East Palo Alto	\$ 47,273	\$ 76,832	\$ 124,104	\$ 26,400	\$ 33,379.68	\$ 97,704
Foster City	\$ 22,288	\$ 85,409	\$ 107,698	\$ 45,000	\$ 21,420.04	\$ 62,698
Half Moon Bay	\$ 19,577	\$ 31,777	\$ 51,354	\$ 19,700	\$ 10,814.38	\$ 31,654
Hillsborough	\$ 35,245	\$ 30,113	\$ 65,359	\$ 23,900	\$ 14,163.86	\$ 41,459
Menlo Park	\$ 49,971	\$ 87,738	\$ 137,709	\$ 120,300	\$ 5,947.51	\$ 17,409
Millbrae	\$ 54,006	\$ 60,380	\$ 114,386	\$ 20,300	\$ 32,143.36	\$ 94,086
Pacifica	\$ 95,891	\$ 101,655	\$ 197,547	\$ 36,200	\$ 55,122.35	\$ 161,347
Portola Valley	\$ 12,345	\$ 11,937	\$ 24,283	\$ 17,900	\$ 2,180.53	\$ 6,383
Redwood City	\$ 90,227	\$ 215,799	\$ 306,027	\$ 95,500	\$ 71,924.21	\$ 210,527
San Bruno	\$ 79,699	\$ 117,102	\$ 196,801	\$ 33,500	\$ 55,790.08	\$ 163,301
San Carlos	\$ 75,130	\$ 77,654	\$ 152,784	\$ 26,600	\$ 43,109.37	\$ 126,184
San Mateo	\$ 96,352	\$ 267,459	\$ 363,811	\$ 138,000	\$ 77,145.98	\$ 225,811
South San Francisco	\$ 96,826	\$ 174,545	\$ 271,371	\$ 54,600	\$ 74,057.50	\$ 216,771
Woodside	\$ 23,901	\$ 14,606	\$ 38,507	\$ 7,400	\$ 10,627.26	\$ 31,107
<b>COUNTY TOTAL</b>	<b>\$ 1,158,529</b>	<b>\$ 1,882,292</b>	<b>\$ 3,040,821</b>	<b>\$ 1,118,200</b>	<b>\$ 656,843</b>	<b>\$ 1,922,621</b>

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of Santa Clara	\$ 637,060	\$ 134,109	\$ 771,169	\$ 449,600	\$ 115,680.13	\$ 321,569
Campbell	\$ 71,706	\$ 110,373	\$ 182,080	\$ 63,000	\$ 42,837.32	\$ 119,080
Cupertino	\$ 118,075	\$ 157,571	\$ 275,646	\$ 77,700	\$ 71,208.44	\$ 197,946

Appendix A-53 Plan Bay Area 2040 24-Year Local Street and Roads System Preservation Needs and Revenue  
(Inflated 1,000s)

Gilroy	\$ 114,778	\$ 139,756	\$ 254,534	\$ 68,400	\$ 66,959.27	\$ 186,134
Los Altos	\$ 43,573	\$ 79,202	\$ 122,775	\$ 76,200	\$ 16,754.67	\$ 46,575
Los Altos Hills	\$ 22,665	\$ 21,994	\$ 44,659	\$ 42,200	\$ 884.61	\$ 2,459
Los Gatos	\$ 78,831	\$ 80,439	\$ 159,269	\$ 41,000	\$ 42,545.90	\$ 118,269
Milpitas	\$ 121,081	\$ 191,455	\$ 312,536	\$ 63,800	\$ 89,479.57	\$ 248,736
Monte Sereno	\$ 9,386	\$ 9,100	\$ 18,486	\$ 4,800	\$ 4,923.52	\$ 13,686
Morgan Hill	\$ 102,286	\$ 110,167	\$ 212,453	\$ 52,500	\$ 57,541.07	\$ 159,953
Mountain View	\$ 115,996	\$ 205,452	\$ 321,448	\$ 126,800	\$ 70,022.18	\$ 194,648
Palo Alto	\$ 154,482	\$ 176,494	\$ 330,976	\$ 151,900	\$ 64,420.26	\$ 179,076
San Jose	\$ 1,928,393	\$ 2,680,361	\$ 4,608,755	\$ 1,150,800	\$ 1,243,954.26	\$ 3,457,955
Santa Clara	\$ 198,469	\$ 318,995	\$ 517,464	\$ 308,100	\$ 75,316.01	\$ 209,364
Saratoga	\$ 100,739	\$ 81,214	\$ 181,953	\$ 22,500	\$ 57,361.03	\$ 159,453
Sunnyvale	\$ 191,300	\$ 390,336	\$ 581,637	\$ 368,300	\$ 76,745.09	\$ 213,337
<b>COUNTY TOTAL</b>	<b>\$ 4,008,820</b>	<b>\$ 4,887,019</b>	<b>\$ 8,895,839</b>	<b>\$ 3,067,600</b>	<b>\$ 2,096,633</b>	<b>\$ 5,828,239</b>

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of Solano	\$ 175,371	\$ 123,859	\$ 299,230	\$ 123,300	\$ 34,613.17	\$ 175,930
Benicia	\$ 105,090	\$ 73,013	\$ 178,103	\$ 15,500	\$ 31,991.25	\$ 162,603
Dixon	\$ 51,025	\$ 50,518	\$ 101,543	\$ 8,900	\$ 18,226.86	\$ 92,643
Fairfield	\$ 267,119	\$ 295,046	\$ 562,165	\$ 101,600	\$ 90,613.37	\$ 460,565
Rio Vista	\$ 21,686	\$ 21,604	\$ 43,290	\$ 3,200	\$ 7,887.54	\$ 40,090
Suisun City	\$ 87,772	\$ 76,175	\$ 163,947	\$ 22,000	\$ 27,927.25	\$ 141,947
Vacaville	\$ 245,096	\$ 249,720	\$ 494,816	\$ 97,600	\$ 78,149.86	\$ 397,216
Vallejo	\$ 450,766	\$ 315,593	\$ 766,359	\$ 56,200	\$ 139,719.60	\$ 710,159
<b>COUNTY TOTAL</b>	<b>\$ 1,403,925</b>	<b>\$ 1,205,529</b>	<b>\$ 2,609,454</b>	<b>\$ 428,300</b>	<b>\$ 429,129</b>	<b>\$ 2,181,154</b>

Jurisdiction	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
County of Sonoma	\$ 1,576,542	\$ 292,638	\$ 1,869,179	\$ 412,900	\$ 258,742.39	\$ 1,456,279
Cloverdale	\$ 33,716	\$ 22,962	\$ 56,679	\$ 10,500	\$ 8,204.71	\$ 46,179
Cotati	\$ 33,055	\$ 19,371	\$ 52,426	\$ 6,700	\$ 8,124.29	\$ 45,726
Healdsburg	\$ 59,275	\$ 30,818	\$ 90,092	\$ 34,100	\$ 9,948.38	\$ 55,992
Petaluma	\$ 308,394	\$ 157,001	\$ 465,396	\$ 31,500	\$ 77,091.82	\$ 433,896
Rohnert Park	\$ 120,397	\$ 108,316	\$ 228,713	\$ 35,700	\$ 34,293.36	\$ 193,013
Santa Rosa	\$ 604,756	\$ 456,372	\$ 1,061,128	\$ 305,000	\$ 134,343.99	\$ 756,128
Sebastapol	\$ 26,137	\$ 19,795	\$ 45,932	\$ 7,400	\$ 6,846.20	\$ 38,532
Sonoma	\$ 32,343	\$ 28,829	\$ 61,172	\$ 9,300	\$ 9,216.33	\$ 51,872
Windsor	\$ 66,152	\$ 72,080	\$ 138,232	\$ 42,400	\$ 17,026.82	\$ 95,832
<b>COUNTY TOTAL</b>	<b>\$ 2,860,768</b>	<b>\$ 1,208,182</b>	<b>\$ 4,068,950</b>	<b>\$ 895,500</b>	<b>\$ 563,838</b>	<b>\$ 3,173,450</b>



Appendix A-53 Plan Bay Area 2040 24-Year Local Street and Roads System Preservation Needs and Revenue  
(Inflated 1,000s)

County	SGR Pavement Need	SGR Non-Pavement Need	Total Preservation Needs	Revenue Available for System Preservation	Plan Bay Area 2040 Investment Strategy	Remaining Needs for System Preservation
Alameda	\$ 2,674,108	\$ 3,917,297	\$ 6,591,404	\$ 2,625,249	\$ 1,545,890	\$ 2,420,266
Contra Costa	\$ 2,035,429	\$ 2,603,962	\$ 4,639,391	\$ 1,861,300	\$ 1,132,540	\$ 2,778,091
Marin	\$ 753,521	\$ 591,040	\$ 1,344,561	\$ 454,200	\$ 220,628	\$ 890,361
Napa	\$ 641,350	\$ 393,665	\$ 1,035,015	\$ 531,682	\$ 168,227	\$ 503,333
San Francisco	\$ 1,781,212	\$ 2,229,774	\$ 4,010,987	\$ 2,095,900	\$ 966,272	\$ 1,915,087
San Mateo	\$ 1,158,529	\$ 1,882,292	\$ 3,040,821	\$ 1,118,200	\$ 656,843	\$ 1,922,621
Santa Clara	\$ 4,008,820	\$ 4,887,019	\$ 8,895,839	\$ 3,067,600	\$ 2,096,633	\$ 5,828,239
Solano	\$ 1,403,925	\$ 1,205,529	\$ 2,609,454	\$ 428,300	\$ 429,129	\$ 2,181,154
Sonoma	\$ 2,860,768	\$ 1,208,182	\$ 4,068,950	\$ 895,500	\$ 563,838	\$ 3,173,450
<b>REGION</b>	<b>\$ 17,317,662</b>	<b>\$ 18,918,760</b>	<b>\$ 36,236,422</b>	<b>\$ 13,077,931</b>	<b>\$ 7,780,000</b>	<b>\$ 21,612,602</b>

# APPENDIX A – 54

## *2021 TIP Detail*

### **Caltrans 2021 FTIP Development Checklist and Development Guidance**



# 2021 Federal Transportation Improvement Program (FTIP) Checklist for Caltrans FTIP Coordinator

## I. **Timeline:**

Ensure each Metropolitan Planning Organization (MPO) submits the following items to Caltrans:

- ✓ The *Draft* 2021 FTIP at the start of the FTIP public review period but not later than **February 1, 2021**.
- ✓ Three copies of the *Final* 2021 FTIP, along with any amendments and administrative modifications to the 2021 FTIP by **March 1, 2021**.
- ✓ Web-link to the Final 2021 FTIP and amendments by **March 1, 2021**.

## II. **FTIP Package Submittal:**

Verify the FTIP package includes the following:

- Project Listings (Vol. 1, S4-1)
  - Projects that are Transportation Control Measures (TCMs) are identified
- Detailed listings for highway and transit grouped projects (back-up listings) (Vol. 3, A-47)
- Signed board resolution that addresses the following:
  - Consistency with the metropolitan transportation planning regulations per Title 23 Code of Federal Regulations Part 450
  - Consistency with the Regional Transportation Plan (RTP)\_\_\_\_(e.g. RTP 2030)
  - Financial constraint – the enclosed financial summary affirms availability of funding
  - Meets air quality conformity
  - Does not interfere with the timely implementation of the TCMs contained in the State Implementation Plan
  - Compliance with the performance-based planning requirements
  - Completion of the public participation process in accordance with the MPO’s Public Participation Plan (PPP)
- Project listings included in the Final 2021 FTIP are available in the California Transportation Improvement Program System
- Financial Summary (Vol. 3, A-57)
  - Includes financial information covering the first four years of the FTIP
  - Excel file submitted electronically using template dated June 2, 2020
- Description of the anticipated effort of FTIP towards achieving the performance targets identified in the RTP (Vol. 2, A-4)
- Air quality conformity analysis and determination (Vol. 2, A-5)
- PPP/Interagency Consultation (Vol. 2, A-6)
- Expedited Project Selection Procedures (EPSP) documentation (Vol. 1, S1-27-28)
- Web link to the CMAQ project selection process (Vol. 2, A-15 and Vol. 3, A-40)
- Three copies of the Final 2021 FTIP mailed to:

**California Department of Transportation  
Office of Federal Transportation Management Program, MS 82  
P.O. Box 942874  
Sacramento, CA 94274-0001  
Attention: Muhaned Aljabiry**

# 2021 Federal Transportation Improvement Program (FTIP) Development Guidance

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This guidance is not intended to supersede federal regulations. FTIPs must comply with all applicable metropolitan transportation planning regulations per Title 23 Code of Federal Regulations Part 450.

## I. Timeline

Submit two copies of the draft 2021 FTIP to Caltrans at the start of the public review period, but not later than February 1, 2021. Except for the signed board resolution, all items listed in the 2021 FTIP Checklist must be included.

Submit the final 2021 FTIP and any amendments and administrative modifications to Caltrans by March 1, 2021. Only FTIPs received by the deadline will be included in the final 2021 FSTIP submittal to FHWA and FTA. Once approved by FHWA and FTA, the 2021 FSTIP will supersede the 2019 FSTIP and no projects can be obligated from an FTIP that has not been included in the 2021 FSTIP.

## II. Amendments and/or Administrative Modifications

Any amendment and/or administrative modification to the board-adopted 2021 FTIP received by March 1, 2021, will be included as part of the final 2021 FSTIP submittal to FHWA and FTA. During this time, MPOs with delegated authority from Caltrans cannot approve administrative modifications to their board approved 2021 FTIPs until the 2021 FSTIP is approved by FHWA and FTA.

Amendments and/or administrative modifications not received by March 1, 2021, will be processed by Caltrans, FHWA and FTA after the 2021 FSTIP is approved.

## III. Maintenance and Operations Costs

Include in the FTIP's financial plan an analysis of revenues dedicated for maintaining and operating the federal-aid system, including the basis for calculation. Address any anticipated shortfall in available revenues and describe plans to deal with the gap.

## IV. Performance-Based Planning and Programming Requirements for RTP and FTIP

Federal regulations require States and MPOs take a performance-based approach to planning and programming, and requires States, MPOs and transit operators to establish targets in key national performance areas. Title 23 CFR 450.306 requires MPOs to establish performance targets in their metropolitan transportation planning process. The FTIP shall include MPO adopted performance targets and describe efforts toward achieving the targets.

## v. Satisfying Public Participation Requirement for the Development of the Program of Projects (POP) for FTA 5307 Program through FTIP Development

The FTIP's public involvement process can be used to satisfy the public participation requirement for the development of the Program of Projects (POP) for the FTA 5307 Program. In such case, the transit recipient shall coordinate with the MPO, and ensure the public knows that it is using the public participation plan associated with the FTIP to satisfy the public involvement requirements for the POP. The MPO must ensure that the FTIP explicitly states that public involvement activities and time established for public review and comment for the FTIP satisfy the POP requirements of the FTA 5307 Program.

## vi. Financial Constraint/Financial Summaries

- a) Program CMAQ and STBGP funded projects to the annual apportionment level for your region.
- b) Program projects from various Caltrans managed state consistent with the project listings from Caltrans.
- c) Include FTIP Financial Summary Table in the draft FTIP when released for public review. Notate any borrowing/loaning of apportionments in the financial summary table per agreements executed by Caltrans Local Assistance.
- d) Provide the financial summary using Caltrans adoption template dated June 2, 2020 when submitting final FTIP to Caltrans.

## vii. Programming of Individually listed Projects

- a) Verify planning studies (non-transportation capital) are included in the Overall Work Program. Planning studies do not need to be listed in the FTIP.
- b) Program funding for each phase of a project in the year of obligation (E-76).
- c) For projects with no funding programmed within the four-year FTIP cycle that are included in the FSTIP for environmental approval purpose, include Regional Transportation Plan (RTP) Project Number, project completion date, the total project cost and add the following language to the project description:  

"Project included in the FTIP for environmental approval."
- d) Provide the following information for each project:
  - 1) Sufficient description (i.e., type of work, termini, and length) to identify the project. (See the section below for more information.)
  - 2) Total project cost based on the latest estimates which may extend beyond the four years of the FTIP. Cost estimates must use an inflation rate to reflect the "year of expenditure dollars" based on reasonable financial principals and assumptions,

and be included in the financial plan. Projects in air quality nonattainment and maintenance areas can be included in the first two years of the FTIP and FSTIP only if funds are "available" or "committed."

- 3) The amount of federal funds proposed to be obligated during each program year for the project or phase (for the first year, this includes the proposed category of federal funds and source(s) of non-federal funds. For the second, third, and fourth years, this includes the likely category or possible categories of federal funds and source(s) of non-federal funds).
- 4) Required non-federal matching funds.
- 5) Implementing agency.
- 6) Corresponding RTP number or RTP page number. MPOs that use California Transportation Improvement Program System (CTIPS) to develop their FTIPs may use the "Project Title, Location & Description" field or the "MPO Comments" field to include the RTP information.

## Highway Projects (State Highways/Local Roads) Description Format

Description Formula: [(Location :) + (Limits) + (;) + (Improvement)]	
Location:	<p>The nearest city or significant town illustrated on state highway maps. If the project is located more than five miles away from the city or town, then prefix the city name with “East, West, North, or South of.”</p> <ul style="list-style-type: none"> <li>• <i>In Bakersfield:</i></li> <li>• <i>South of Bakersfield</i></li> </ul>
Limits:	<p>Project limits can be stated as from one road to another. Other boundary landmarks, such as rivers, creeks, state parks, freeway overcrossings, can be used in-lieu of streets or roads.</p> <ul style="list-style-type: none"> <li>• <i>Between 1<sup>st</sup> Street and Pine Boulevard;</i></li> <li>• <i>North of Avenal Creed to South of Route 33;</i></li> <li>• <i>At Rock Creek Bridge;</i></li> </ul>
Improvement:	<p>Describes the work to be done. Include significant components of the improvement (in particular those that relate to air quality conformity).</p> <ul style="list-style-type: none"> <li>• <i>Widen roadway from existing 2 lanes to 4 lanes.</i></li> <li>• <i>Convert 4-lane expressway to 6-lane freeway with 2 HOV lanes.</i></li> <li>• <i>Construct left turn lane.</i></li> </ul>
<p>Example: In Bakersfield: Between 1<sup>st</sup> Street and Pine Boulevard; widen roadway from existing 2 lanes to 4 lanes.</p>	

# Transit Project Description Format

Description Formula: [(Location :) + (Limits) + (;) + (Improvement)]	
Location:	<p>For work at spot locations for large (statewide) transit agencies:</p> <p>The nearest city or significant town illustrated on state highway maps. If the project is located more than five miles away from the city or town, then prefix the city name with “East, West, North, or South of.”</p> <ul style="list-style-type: none"> <li>• <i>In Bakersfield:</i></li> <li>• <i>North of Bakersfield:</i></li> </ul> <p>Otherwise: Skip this step.</p>
Limits:	For work at spot locations (all agencies):



	<p>Name of the station, description of facility, name the rail corridor for the project etc.</p> <ul style="list-style-type: none"> <li>• <i>Lafayette BART Station;</i></li> <li>• <i>The Daly City Yard, adjacent to the Coloma Station;</i></li> <li>• <i>San Joaquin Corridor;</i></li> </ul> <p>Otherwise: Skip this step.</p>
Improvement:	<p>Describes the work to be done. Include significant components of the improvement (in particular those that relate to air quality conformity.</p> <ul style="list-style-type: none"> <li>• <i>Construct a station.</i></li> <li>• <i>Track and signal improvements.</i></li> </ul> <p>Projects that apply to entire transit agency jurisdiction – describe activity</p> <ul style="list-style-type: none"> <li>• <i>Purchase of 59 buses -- 12 MCI's and 47 Standard 40 ft buses (note if expansion or replacement).</i></li> <li>• <i>Para-transit van leasing.</i></li> <li>• <i>Operating assistance for Sacramento Regional Transit.</i></li> </ul>
Example:	<p>North of Bakersfield: San Joaquin Corridor – Track and signal improvements.</p> <p>Operating assistance for Sacramento Regional Transit.</p>

### viii. Programming of Grouped Projects

- a) Use the attached guidelines titled “Programming of Grouped Project Listings in Air Quality Non-Attainment or Maintenance Areas” for programming grouped projects in air quality non-attainment or maintenance areas.
- b) Refer to 23CFR771.117 (c) and (d) for MPO areas (SBCAG, AMBAG, and Shasta) and Rural non-MPO counties that are classified as air quality attainment, for information on projects that can be classified as “Categorical Exclusion (CE).” For these areas, projects that are not considered regionally significant and qualify as CE may be grouped together.
- c) MPOs are responsible for determining if projects are eligible for inclusion in the grouped project listing.
- d) FTA-funded projects can be grouped, provided the detailed project list is made available to the FTA and the public. The detailed project list must be included in the FTIP and in the FTIP amendment when circulated for public review.

## ix. Use of Toll Credits

Federal-aid highway projects typically require sponsors to provide non-federal funds as match to federal funds. However, at the MPO’s discretion, a project may be funded without the required non-federal match using Toll Credit (TC) provisions. The non-federal share match requirement can be satisfied by applying an equal amount of TCs allowing a project to be funded with 100% federal funding for federally participating project costs. TCs do not generate additional federal funding and are limited to the non-federal match required for the federal apportionments available in any given year.

The current Caltrans federal funding policy excludes the STIP (IIP), SHOPP, and Highway Maintenance Program projects from the use of TCs. However, MPOs may use CMAQ and STBGP funds to supplement project funding using TCs for the programs listed below.

TCs may be used for the following programs:

PROGRAMS	CRITERIA	ELIGIBLE FUNDS FOR USING TCs
STIP	TCs can be used only for the RIP projects	Eligible federal funds (e.g. CMAQ, STBGP)
HBP – Off System Projects	TCs are to be used for the “Off federal-aid system” projects	HBP
HBP – On System projects	TCs can be used for the “On federal aid system” projects using other eligible federal funds.	Eligible federal funds (e.g. HIP, STBGP)
HSIP	TCs can be used for projects from the local HSIP using other eligible federal funds, except for certain countermeasures eligible to use HSIP funds.	Eligible federal funds (e.g. CMAQ, STBGP)
*CMAQ and RSTP	Projects may be programmed with TCs at MPO’s discretion	CMAQ, STBGP

<p>FTA – Funded Projects</p>	<p>Projects funded from the formula programs are eligible to receive TCs. Below are the eligible programs</p> <ul style="list-style-type: none"> <li>• 5307 including CMAQ and RSTP FTA transfer projects</li> <li>• 5309</li> <li>• 5310</li> <li>• 5311 including CMAQ and RSTP FTA transfer projects</li> <li>• 5337</li> <li>• 5339</li> </ul>	<p>Various</p>
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\* Notate in the FTIP the “Use of TCs” in the project description for CMAQ and RSTP-funded projects.

TCs shall not be used if the non-federal matching requirement has already been met with other non-federal funds

## x. 2020 State Transportation Improvement Program (STIP)

The 2021 FTIPs should be consistent with the 2020 STIP adopted by the California Transportation Commission on March 25, 2020. The total project cost and all funding, including non-STIP funding, should be shown in the FTIP. (If a phase is programmed outside of the 2021 FSTIP period, then the total project cost can be shown in the MPO comment section or in the project description field in CTIPS).

2020 STIP projects are now available in CTIPS. When a STIP project is transferred from the STIP into the FTIP in CTIPS through the "CTIPS Transfer Mechanism," right of way support and construction support costs are added to the corresponding capital costs.

Ensure STIP project funding is programmed using the appropriate "STIP Advance Construction - RIP/IIP" fund type.

State bond funds (e.g. Road Repair and Accountability Act Funding, Proposition 1B), if any, should be programmed consistent with the STIP funding details in CTIPS.

The screenshot displays the 'Fund Table Manager' web application in Google Chrome. The browser address bar shows the URL: <https://ctips-prod.dot.ca.gov/ctips/EditTypeFundForm.do>. The page has a red header for 'Edit Fund Type' and a blue header for 'Browse All Funds'. The main content area is titled 'Fund Type Details' and contains the following fields and controls:

- Fund ID:** STIP-AC
- Fund Name:** STIP Advance Construction
- Detailed Fund Description ('Huh?' Button):** Fund type to be used for programming STIP funding.
- Blended Fund Type:** Includes a 'Match %' field (0.00) and a 'Match Fund' dropdown menu.
- Type:** Radio buttons for Federal (selected), State, and Local.
- Archived Fund Type:**
- State Highway Account:**
- Program Category(s) Containing this Fund Type:** A list box containing IIP, RIP, IIP Prior, RIP Prior, GF IIP, GF IIP Prior, GF RIP, and GF RIP Prior. A 'Select Category to Add' dropdown and 'Add/Delete' buttons are also present.
- MPO Filter - This Fund Type Applies to ...:** A grid of checkboxes for various MPOs, all of which are checked: AMBAG, BCAG, COFCG, KCOG, MCAG, MTC, SACOG, SBCAG, SCAG, SANDAG, Shasta, SJCOG, SLOCOG, STANCOG, TCAG, Kings, TRPA, Madera, and Rural Non-MPO. A 'Check All ?' button is at the bottom right.

At the bottom of the form, there are buttons for 'Delete Fund Type', 'Add Fund Type', 'Top', 'Prior', 'Next', 'Bottom', and 'Exit'.

## **xi. 2020 State Highway Operation and Protection Program (SHOPP)**

CTC adopted the 2020 SHOPP on May 13, 2020.

### **Timeline:**

June 9, 2020 – The 2020 SHOPP will be available in CTIPS.

After June 9, 2020 – Caltrans Federal Programming Office will provide the SHOPP Grouped Project Reports.

For non-attainment areas, projects that are not exempt from air quality conformity determination must be listed individually in the FTIP. For attainment areas, projects that are not classified as Categorical Exclusion (CE) must be listed individually in the FTIP.

Program all projects with “SHOPP Advance Construction (AC)” fund type.

Program Preliminary Engineering (PE) and Right of Way (RW) phases for the Contingency projects (G-13) and once Construction Capital and Construction Support phases are programmed in the 2020 SHOPP, District FTIP Coordinators will notify MPOs to program these phases in the 2021 FTIP.

Verify in the FTIP financial summary table that the total revenue is equal to the total programmed.

MPOs are responsible for determining if a project can be classified as non-exempt or CE. Contact the District FTIP Coordinator if more information, such as a detailed project scope, is needed to make such determination.

Fund Table Manager - Google Chrome  
 Secure | https://ctips-prod.dot.ca.gov/ctips/EditTypeFundForm.do

Edit Fund Type
Browse All Funds

---

**Fund Type Details**

Fund ID SHOPPAC	Fund Name SHOPP Advance Construction (AC)	Detailed Fund Description ('Huh?' Button) SHOPP funding shall be programmed with 100% "SHOPP Advance Construction (AC)" fund type.
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**Blended Fund Type**

?	Match % 0.00	Match Fund
---	-----------------	------------

**Type**

Federal  
 State  
 Local

Archived Fund Type     State Highway Account

---

**Program Category(s) Containing this Fund Type**

SHOPP - Bridge Preservation  
 SHOPP - Collision Reduction  
 SHOPP - Emergency Response  
 SHOPP - Mandates  
 SHOPP - Mobility  
 SHOPP - Roadside Preservation  
 SHOPP - Roadway Preservation  
 CT Minor Pgm.  
 SHOPP - Base

Select Category to Add

Add    Delete

**MPO Filter - This Fund Type Applies to ...**

<input checked="" type="checkbox"/> AMBAG	<input checked="" type="checkbox"/> BCAG	<input checked="" type="checkbox"/> COFCG	<input checked="" type="checkbox"/> KCOG	<input checked="" type="checkbox"/> MCAG
<input checked="" type="checkbox"/> MTC	<input checked="" type="checkbox"/> SACOG	<input checked="" type="checkbox"/> SBCAG	<input checked="" type="checkbox"/> SCAG	<input checked="" type="checkbox"/> SANDAG
<input checked="" type="checkbox"/> Shasta	<input checked="" type="checkbox"/> SJCOG	<input checked="" type="checkbox"/> SLOCOG	<input checked="" type="checkbox"/> STANCOG	<input checked="" type="checkbox"/> TCAG
<input checked="" type="checkbox"/> Kings	<input checked="" type="checkbox"/> TRPA	<input checked="" type="checkbox"/> Madera	<input checked="" type="checkbox"/> Rural Non-MPO	

Check All    ?

---

Delete Fund Type

Add Fund Type

Top

Prior

Next

Bottom

Exit

## xii. Various Caltrans Managed State and Federal Programs

Programming information for various federal-aid programs: Caltrans Federal Programming Office provides MPOs with information on various Caltrans managed state and federal programs (Highway Bridge Program, Highway Safety Improvement Program, Highway Maintenance Program etc.) as listings become available. Ensure projects are programmed using the latest listings. Contact Caltrans Federal Programming Office for further assistance.

### **Attachments:**

Programming Grouped project listings in air quality nonattainment or maintenance areas

# APPENDIX A – 55

## *2021 TIP Detail*

### Single Line Project Listing Reports:

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**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Alameda	AC Transit	Transit	Expansion	AC Transit: East Bay Bus Rapid Transit	Alameda County: Along Broadway/ International/E 14th corridor from Oakland to San Leandro: Implement BRT including 34 stations, transit signal priority, level-boarding, shelters, off-board ticketing,	ALA150004		\$205,569,113
Alameda	AC Transit	Transit	Expansion	AC Transit: SFOBB Forward	AC Transit: 14 replacement and 5 new buses: Rehab buses and purchase 5 new double-decker buses to expand transbay service. Includes 1 year of operating funding; at the Oakland Maintenance Facility:	ALA150052		\$12,425,167
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Facilities Upgrade	AC Transit: Systemwide: Agency's facilities & equipment upgrades.	ALA010034		\$55,663,370
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Purchase (10) Double-Deck Diesel Buses	AC Transit: (10) Double-Deck Diesel Buses: Purchase buses to replace buses in existing fleet	ALA150038		\$10,248,896
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Purchase (10) 40' Buses-Fuel Cell ZEB	AC Transit: 10 vehicles: Replace 10 40ft urban diesel buses with Zero-emission fuel cell buses	ALA150039		\$12,797,000
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: PM - Exchange for 40ft Fuel Cell ZEB	AC Transit: Preventive maintenance program, including maintenance of buses and facilities. Project is in exchange for local funds to replace 10 (of 102 in sub-fleet) 40ft urban diesel buses with Zero-	ALA150045		\$5,936,700
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Purchase 36 Coach Buses (MCIs)	AC Transit: 36 Coach Buses (MCIs): Purchase buses	ALA170027		\$29,356,351
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Purchase (35) 40ft Diesel Buses	AC Transit: 35 40-ft Diesel Buses: Purchase replacement buses to keep AC Transit's fleet in a state of good repair	ALA170028		\$18,795,000
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Preventive Maintenance (Swap)	AC Transit: Systemwide: Preventive Maintenance (federal funding is provided for this project in exchange for AC Transit's commitment to replace diesel buses)	ALA170029		\$22,650,000
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Preventive Maintenance (Deferred Comp)	AC Transit: Systemwide: Preventive Maintenance (funding is incentive for delaying bus purchases)	ALA170030		\$975,800
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: 5 Battery Electric Bus purchase	AC Transit: 5 buses: Purchase 5 New Flyer battery electric buses with 5 depot charging stations and installation. Includes consulting PM support from CTE.	ALA170041		\$6,377,448
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: AC Transit: Replace 50 40-ft Diesels	AC Transit: 50 40-ft Diesel Buses: Purchase replacement vehicles	ALA170081		\$28,887,533
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Purchase 40 Zero-Emission Buses	AC Transit: 40 Zero-Emission Buses: Purchase buses to meet State mandate of ZEBs in AC Transit's fleet	ALA170082		\$42,381,448
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	AC Transit: Paratransit Van Replacement	AC Transit: Paratransit fleet: Amortized cost of replacing vans used for paratransit service. Vans are operated and replaced by paratransit contractor. FTA funds programmed annually in lieu of	ALA990052		\$27,177,968
Alameda	AC Transit	Transit	Operations	AC Transit: COVID-19 Emergency Transit Operations	AC Transit: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	ALA190023	\$33,793,809	\$114,160,204
Alameda	AC Transit	Transit	Operations	AC Transit: ADA Paratransit Assistance	AC Transit: Systemwide: ADA Paratransit Operating Subsidy.	ALA990076		\$133,820,056
Alameda	AC Transit	Transit	System Management	AC Transit: South County Corridors	AC Transit: South Alameda County Major Corridors: Travel time improvements including Adaptive Traffic Control Systems, corridor-wide Transit Signal Priority, signal coordination and relocation of key bus	ALA150020		\$5,858,584

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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Alameda	AC Transit	Transit	System Management	San Pablo and Telegraph Ave Rapid Bus Upgrades	AC Transit: Various locations on the San Pablo and Telegraph Ave Corridors: Implement rapid bus improvements including TSP upgrades, signal coordination, the relocation of key bus stops; On Telegraph	ALA170059		\$10,000,000
Alameda	ACE	Transit	Expansion	ACE Platform Extensions	ACE System: At Fremont, Pleasanton, Livermore, Vasco, Tracy, and Manteca stations: Extend existing ACE platforms to accommodate longer train sets	ALA170042	\$8,456,000	\$11,400,000
Alameda	ACE	Transit	Maintenance/ Rehabilitation	ACE Track Improvements.	ACE: From Stockton to San Jose: Corridor improvements for signaling, grade crossing, track and other cost associated	ALA010056		\$18,161,681
Alameda	ACE	Transit	Maintenance/ Rehabilitation	ACE Preventative Maintenance	ACE Rail: Systemwide: Preventative maintenance activities for ACE service and associated equipment, functions, and facilities.	ALA110099		\$4,224,251
Alameda	ACE	Transit	Maintenance/ Rehabilitation	ACE: Railcar Midlife Overhaul	ACE: System-wide: Perform midlife overhaul of existing ACE railcars to extend useful life.	ALA170079	\$7,367,932	\$15,067,932
Alameda	ACE	Transit	Operations	ACE Fixed Guideway (Capital Lease)	ACE: Along ACE Corridor: Capital Lease payments required to operate along Union Pacific corridor	ALA170048	\$2,212,500	\$8,134,800
Alameda	ACTC	Local Road	Maintenance/ Rehabilitation	7th Street Grade Separation East	Oakland: 7th St and rail tracks between I880 and Maritime St in the Port of Oakland: Reconstruct the existing 7th St underpass on an adjacent alignment, rail tracks, and other rail infrastructure. No through	ALA170085		\$252,000,000
Alameda	ACTC	Local Road	Maintenance/ Rehabilitation	7th Street Grade Separation West	Oakland: Within the Port: Implement road and rail improvements, realign and grade separate 7th St and Maritime intersection, reconstruct and widen multi-use path; Between Joint Intermodal Terminal and	ALA170086		\$165,000,000
Alameda	ACTC	Local Road	System Management	Alameda County Safe Routes to School	Alameda County: Countywide: SR2S Program including education & outreach in various K-12 schools, ridesharing, & project development.	ALA110033		\$24,568,665
Alameda	ACTC	Local Road	System Management	Freight Intelligent Transportation System (FITS)	Oakland: In the Port of Oakland and surrounding areas: Implement ITS improvements, signal systems, and other technologies to cost-effectively manage truck arrivals and improve incident response	ALA170087		\$30,621,364
Alameda	ACTC	Public Lands/ Trails	Expansion	East Bay Greenway	Alameda County: Generally along the BART alignment from Lake Merritt BART station to South Hayward BART station: Install a trail facility consisting of Class I & Class IV bikeway facilities. Includes 2 road	ALA150008		\$203,501,000
Alameda	ACTC	State Highway	Expansion	SR 84 Expressway Widening	In Livermore: Widen Route 84 from Jack London Blvd. to Pigeon Pass.	ALA050014		\$120,319,000
Alameda	ACTC	State Highway	Expansion	I-880 North Safety Improvements	Oakland: I-880 between 23rd Ave to 29th Ave: Reconfigure Interchange, including new ramps.	ALA050019		\$108,630,000
Alameda	ACTC	State Highway	Expansion	I-80 Gilman Interchange Improvements	Berkeley: On Gilman Ave at I-80: Reconfigure interchange providing dual roundabout at the entrance & exits from I-80 as well as the Eastshore Hwy & West Frontage Rd and bike/ped overcrossing. Project	ALA050079	\$49,739,000	\$61,723,880
Alameda	ACTC	State Highway	Expansion	I-680 NB HOV/HOT Lane	Route I-680: from South of Auto Mall Parkway to State Route 84 in Alameda County: Construct NB HOV/HOT Lane.	ALA130034		\$198,198,000
Alameda	ACTC	State Highway	Expansion	Rte 84 Widening, south of Ruby Hill Dr to I-680	Alameda County: On State Route 84 from south of Ruby Hill Drive to I-680: Upgrade from 2-lane conventional highway to 4-lane expressway, make operational improvements to SR84/I-680 I/C and	ALA150001	\$200,594,000	\$244,100,000
Alameda	ACTC	State Highway	Expansion	I-880/Whipple Rd Industrial Pkwy SW I/C Imps	In Union City/Hayward: at I-880/Whipple Rd Interchange: Implement full interchange improvements including northbound off-ramp, surface street improvements and realignment, and bike/ped	ALA170005	\$45,175,000	\$80,000,000

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Alameda	ACTC	State Highway	Expansion	I-580/680 Interchange HOV/HOT Widening	Alameda County: On I-580 between Hacienda Dr. and San Ramon/Foothill Road and on I-680 between Stoneridge Dr. and Amado: Widen to add one HOV/HOT lane for WB 580 to SB 680 and NB 680 to EB	ALA170008		\$300,000,000
Alameda	ACTC	State Highway	Expansion	I-680 Express Lane Gap Closure: SR-84 to Alcosta	Alameda County: SB I-680 from SR-84 to Alcosta Blvd: express lane improvements (Phase 1); NB I-680 from SR-84 to Alcosta Blvd: Widen for express lanes (Phase 2). Project also references the	ALA170009	\$2,000,000	\$480,000,000
Alameda	ACTC	State Highway	Expansion	I-880 NB HOV/HOT: North of Hacienda to Hegenberger	Alameda County: I-880 in the northbound direction from north of Hacienda Ave to Hegenberger Road: Widen to provide one HOV/express lane	ALA170010	\$3,500,000	\$221,000,000
Alameda	ACTC	State Highway	Expansion	East-West Connector in Fremont & Union City	In Fremont & Union City: From I-880 to Route 238 (Mission Blvd): Construct new 4-lane roadway and widen existing roadways. Project is phased.	ALA978004		\$236,000,000
Alameda	ACTC	State Highway	System Management	Oakland/Alameda Access Project	Oakland and Alameda: Between Oak Street and Union Street: Reconfigure interchange and intersections to improve connections between I-880, the Posey and Webster tubes and the downtown Oakland	ALA070009	\$1,000,000	\$83,000,000
Alameda	ACTC	State Highway	System Management	I-80/Ashby Avenue Interchange Improvements	Alameda County: I-80/Ashby IC: Reconstruct the interchange including constructing new bridge, two roundabouts and bike/ped improvements	ALA170002	\$2,000,000	\$53,560,000
Alameda	Alameda	Local Road	Expansion	Cross Alameda Trail (includes SRTS component)	City of Alameda: Between Webster St and Sherman St: Construct a new trail with an on-street portion.	ALA150007		\$2,521,000
Alameda	Alameda	Local Road	Maintenance/Rehabilitation	Alameda City-Wide Pavement Rehabilitation	Alameda: Various streets: Resurface and rehabilitate pavement	ALA170074	\$999,000	\$1,059,000
Alameda	Alameda	Local Road	System Management	Clement Avenue Complete Streets	Alameda: On Clement Avenue between Broadway and Grand St: Complete street improvements including Class II bike lanes, curb extensions, flashing beacons, bus shelters, sidewalk/curb ramp	ALA170073	\$5,029,000	\$5,670,000
Alameda	Alameda	State Highway	System Management	Central Avenue Safety Improvements	Alameda: On Central Ave from Main St to Sherman St: construct multimodal street improvements including reduction from 4 to 3 lanes, center turn lane, bike lanes, 2-way separated bikeway, roundabouts	ALA170049	\$11,477,000	\$12,214,000
Alameda	Alameda County	Local Road	Maintenance/Rehabilitation	Estuary Bridges Seismic Retrofit and Repairs	Oakland: 3 Oakland Estuary bridges: Seismic retrofit and repairs	ALA090022	\$262,000	\$4,900,000
Alameda	Alameda County	Local Road	Maintenance/Rehabilitation	Fruitvale Ave Roadway Bridge Lifeline	Alameda County: Fruitvale Roadway Bridge: Retrofit bridge to a lifeline facility	ALA090023	\$1,000,000	\$12,000,000
Alameda	Alameda County	Local Road	Maintenance/Rehabilitation	Alameda Co-Variou Streets and Roads Preservation	Unincorporated Alameda County: Various roadways: Rehabilitate pavement	ALA130018	\$2,453,000	\$6,779,000
Alameda	Alameda County	Local Road	System Management	Active Oakland: A Comprehensive SR2S Program	Oakland: In Oakland Unified School District's most disadvantages schools: Promote walking and cycling	ALA170047		\$977,000
Alameda	Alameda County	Local Road	System Management	Alameda County - Vasco Road Safety Improvements	Alameda County: Vasco Rd between Dalton and MM.3.05: Rehabilitate pavement and install centerline and edgeline rumble strips and striping markings	ALA190006		\$1,302,964
Alameda	Alameda County	Local Road	System Management	Active and Safe Oakland	Oakland: At various schools citywide: Promote walking and biking through education, encouragement, and enforcement activities	ALA190015		\$999,000
Alameda	Alameda County	Local Road	System Management	Alameda County Complete Street Improvements	Alameda County: Various locations: Bicycle and ped safety improvements	ALA190019	\$14,950,000	\$23,050,000

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Alameda	Alameda County	Local Road	System Management	E14th St/Mission Blvd Corridor Improvements	Alameda County: Along E14th St/Mission Blvd between I-238 and Hayward City limits: Construct streetscape improvements for continuity along corridor	ALA190022	\$9,425,000	\$27,279,940
Alameda	Alameda County	Public Lands/ Trails	Expansion	Niles Canyon Trail, Phase I	Alameda County: In the vicinity of SR-84 between Niles District and Palomares Road (Phase I): Construct multi-Use trail	ALA190021	\$100,000	\$28,901,000
Alameda	Albany	Local Road	System Management	San Pablo Ave & Buchanan St Pedestrian Imps.	Albany: Various Locations on Buchanan St and San Pablo Ave: Streetscape improvements including medians, bulb outs, signal modifications, striping of high visibility crosswalks. Project is phased.	ALA170088	\$340,000	\$5,275,086
Alameda	Albany	Public Lands/ Trails	System Management	Ohlone Greenway Trail Safety Improvements	Albany: Various locations along the Ohlone Greenway: Install safety improvements including new protected left turn phase which would eliminate potential conflicts between trail users and vehicles turning	ALA190016		\$665,000
Alameda	BAIFA	Tollway	System Management	ALA-880 Express Lanes	In Alameda/Santa Clara Counties: On I-880 from Hegenberger to Dixon Landing (Southbound) and Dixon Landing to Lewelling (Northbound): Convert HOV lanes to express lanes. Project also references	ALA170006		\$132,500,000
Alameda	BART	Transit	Expansion	Hayward Shop and Yard Expansion	BART: Hayward Shop and Yard: Expansion facility to accommodate additional rail vehicles for storage, maintenance and repair.	ALA110003		\$160,499,000
Alameda	BART	Transit	Expansion	BART Metro Priority Track Elements	BART: In Lafayette, Dublin and Millbrae: Provide three critical track extensions in order to provide the BART system with additional operational flexibility and additional capacity, all within existing right-of-	ALA130032		\$8,500,057
Alameda	BART	Transit	Maintenance/ Rehabilitation	BART: Fare Collection Equipment	BART: Systemwide: Acquire and install fare collection equipment.	ALA090065		\$62,102,214
Alameda	BART	Transit	Maintenance/ Rehabilitation	MacArthur BART Plaza Remodel	Oakland: MacArthur BART Station: Renovate the entry plaza	ALA090068		\$6,972,527
Alameda	BART	Transit	Maintenance/ Rehabilitation	BART-Elevator Renovation program	BART: Various locations system-wide: Renovate or rehabilitate elevators	ALA190014	\$8,750,000	\$17,500,000
Alameda	BART	Transit	Operations	BART: COVID-19 Emergency Transit Operations	BART: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	ALA190025	\$125,416,405	\$377,053,455
Alameda	BART	Transit	System Management	Bay Fair Connection	BART: At and near Bay Fair Station: Modify station and approaches to add one or more additional tracks and one or more passenger platforms for improved train service and operational flexibility	ALA170044	\$94,400,000	\$150,000,000
Alameda	BART	Transit	System Management	19th Street BART Station Modernization-GO Uptown	In Oakland: At the 19th Street BART Station and adjacent public realm: Implement station and streetscape improvements	ALA170055		\$29,438,837
Alameda	Berkeley	Local Road	Expansion	Berkeley - Sacramento St Complete Streets Imps	Berkeley: On Sacramento Street at 4 intersections (Virginia, Delaware, University, & Addison): Construct bike/ped crossing improvements; On Acton between Virginia & Delaware and on Delaware between	ALA170094		\$1,814,000
Alameda	Berkeley	Local Road	System Management	Shattuck Complete Streets and Decouplet	Berkeley: Shattuck Ave, Shattuck Square and Berkeley Square from Allston Way to University Ave intersection: Reconfigure travel lanes and parking, repair pavement and make other improvements	ALA130026		\$6,598,481
Alameda	Berkeley	Local Road	System Management	Hearst Avenue Complete Streets	In Berkeley: Hearst St from Shattuck Ave to Gayley/La Loma: Implement access and safety improvements to Downtown Berkeley PDA for all modes, includes a road diet from Shattuck Ave to Euclid Ave	ALA130028		\$3,524,000

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Alameda	Berkeley	Local Road	System Management	goBerkeley Residential Shared Parking Pilot	In Berkeley: In residential areas adjacent to Southside/Telegraph and Elmwood goBerkeley program areas: Implement parking pricing pilot; In pilot areas: Implement TDM strategies and outreach focused on	ALA150049		\$1,420,000
Alameda	Berkeley	Local Road	System Management	John Muir Safe Routes to School	Berkeley: Along Claremont south of Ashby near John Muir School: Install speed feedback signs; At the intersection of Claremont and Claremont Crescent: Implement crossing improvements	ALA170054		\$374,080
Alameda	Berkeley	Local Road	System Management	Southside Complete Streets & Transit Improvement	Berkeley: Various locations south of UC Berkeley: Construct two-way cycle tracks, signal modifications, transit improvements and TSP, loading zone modifications, pedestrian safety improvements, and	ALA170067	\$8,285,329	\$9,414,890
Alameda	Berkeley	Public Lands/ Trails	Expansion	Bay Trail Shoreline Access Staging Area	Berkeley: Berkeley Marina: Construct segment 3 of Bay Trail Extension, construct new public restroom, and renovate existing public parking area and windsurf staging area.	ALA130035		\$2,139,635
Alameda	Berkeley	Public Lands/ Trails	Expansion	9th St Bicycle Blvd Extension Pathway Ph II	In Berkeley: Between the 9th Street Bicycle Boulevard (south of Heinz Avenue) and Murray Street: Install a shared-use path	ALA150048		\$895,000
Alameda	Caltrans	State Highway	System Management	GL: Alameda County - TOS-Mobility	Alameda County: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and 40 CFR Part 93.127 Table 3 categories	ALA170060	\$270,000	\$117,847,000
Alameda	Dublin	Local Road	Expansion	Dougherty Road widening	Dublin: Dougherty Road from Sierra Lane to North City Limit: Widen from 4 lanes to 6 lanes	ALA130005		\$18,990,000
Alameda	Dublin	Local Road	Expansion	Dublin Boulevard widening	In Dublin: Dublin Blvd between Sierra Court and Dublin Court: Widen from 4 lanes to 6 lanes and install Class II bike lanes	ALA130006		\$4,330,000
Alameda	Dublin	Local Road	Expansion	Dublin Blvd. - North Canyons Pkwy Extension	Alameda County, Dublin and Livermore: Dublin Blvd-North Canyons Parkway from Fallon Rd to Croak Rd: Construct six lane extension; Dublin Blvd-North Canyons Parkway from Croak Rd to Doolan Rd:	ALA150003	\$100,000	\$88,252,940
Alameda	Dublin	Local Road	Maintenance/ Rehabilitation	Dublin Blvd Rehabilitation	Dublin: Segments of Dublin Boulevard from Scarlet Drive to Hacienda Drive: Rehabilitate pavement	ALA170062	\$945,000	\$1,000,000
Alameda	Dublin	State Highway	Expansion	I-580 Interchange Imps at Hacienda/Fallon Rd, Ph 2	Dublin: I580/Fallon Rd IC: Ph 2 - Reconstruct overcrossing to widen to 4 lanes in each direction, reconstruct and widen ramps, add bike/ped imp; I580 Hacienda Dr IC: Reconstruct overcrossing to add NB	ALA170045	\$700,000	\$58,000,000
Alameda	EB Reg Park Dis	Public Lands/ Trails	Expansion	Doolittle Drive Bay Trail	Oakland: Along Doolittle Dr. from the MLK Regional Shoreline Center near Langley Street 2,300 feet to the north end of the existing SF Bay Trail at the fishing dock, north of Swan Way: Construct SF Bay	ALA170077	\$9,800,000	\$11,100,000
Alameda	Emeryville	Local Road	Maintenance/ Rehabilitation	Frontage Rd, 65th St and Powell St Pavement Maint	Emeryville: Various Locations on Frontage Road, 65th St, Powell St: Pavement maintenance	ALA170072	\$255,000	\$270,000
Alameda	Emeryville	Local Road	System Management	Emeryville Quiet Zone Safety Engineering Measures	Emeryville: At three at-grade crossings just east of Shellmound Street: Install four-quadrant gates at the at-grade crossings, amongst other safety engineering improvements.	ALA170093		\$6,000,000
Alameda	Fremont	Local Road	System Management	Kato Rd Complete Sts - Warren Ave to Milmont Dr	Fremont: Kato Road from Warren Avenue to Milmont Drive: Widen to provide left turn pockets, median island improvements, bike lanes on both sides of the roadway, and modify traffic signal at Kato	ALA130001		\$12,690,000
Alameda	Fremont	Local Road	System Management	Centerville Complete Streets of Relinquished SR84	Fremont: Thornton Ave (Blacow Rd to Fremont Blvd), Fremont Blvd (Alder Ave to Mattos Dr) and Peralta Blvd (Fremont Blvd to Sequoia Rd): Implement complete streets improvements; On Peralta Blvd	ALA170076	\$7,354,000	\$8,693,000

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Alameda	Fremont	State Highway	Expansion	State Route 262 (Mission Blvd) Improvements	In Fremont: Mission Blvd/I-680 IC: widen Mission Blvd to 3 lanes each direction through IC, rebuild the NB and SB I-680 on and off ramps	ALA170001	\$1,000,000	\$112,000,000
Alameda	Hayward	Local Road	Maintenance/Rehabilitation	Winton Ave Complete Street	Hayward: On Winton Ave from Hesperian Blvd to Santa Clara St: Rehabilitate pavement, upgrade curb ramps and streetlights; On Winton Ave just east of Santa Clara St: Landscape median	ALA170066	\$1,878,660	\$1,979,860
Alameda	Hayward	Local Road	System Management	Hayward - Main Street Complete Street	Hayward: Main St from Mc Keever to D St: Reduce roadway from 4 to 2 lanes, construct bike lanes, widen sidewalks and add complete street elements	ALA170065	\$1,875,000	\$2,225,000
Alameda	Hayward	State Highway	Expansion	Rt 92/Clawiter/Whitesell Interchange Improvements	Hayward: Rt 92/Clawiter Rd: Upgrade existing Clawiter interchange. Add ramps and overcrossing for Whitesell St. extension. Signalize ramp intersections.	ALA090016		\$55,000,000
Alameda	Hayward	State Highway	Expansion	I-880 Auxiliary lanes at Industrial Parkway	Hayward: I-880 NB between Industrial Pkwy and Alameda Creek; I-808 SB between Industrial Pkwy and Whipple Rd: Construct auxiliary lanes	ALA090020		\$9,800,000
Alameda	Hayward	State Highway	Expansion	I-880/Industrial Parkway West Interchange	In Hayward: At I-880/Industrial Parkway West: Reconstruct interchange, add on/off-ramp lanes, widen ramp lanes, provide HOV bypass lanes and routine accommodation for bicyclists and pedestrians.	ALA110002	\$29,325,000	\$57,000,000
Alameda	Hayward	State Highway	Expansion	I-880/West Winton Avenue Interchange	Hayward: At I-880/West Winton Avenue I/C: Reconstruct I/C including reconfiguration of eastbound to southbound on ramp and new connection to Southland Mall Drive	ALA170004	\$2,000,000	\$41,000,000
Alameda	Hayward	State Highway	Expansion	I-880/A Street Interchange Reconstruction	Hayward: I-880/A St. I/C: Reconstruct interchange to widen A St from 5 to 6 lanes, add bike lanes, and provide additional lane capacity for potential future freeway widening, modify signals and	ALA170046	\$500,000	\$54,000,000
Alameda	LAVTA	Transit	Maintenance/Rehabilitation	LAVTA: Preventive Maintenance	LAVTA: Systemwide: Preventive Maintenance Program for Agency Fleet.	ALA030030		\$13,334,308
Alameda	LAVTA	Transit	Maintenance/Rehabilitation	LAVTA: Replacement (11) 40' Hybrid Buses	LAVTA: 11 40' hybrid buses: Purchase buses to replace diesel buses that have exceeded their useful life	ALA150031		\$8,693,025
Alameda	LAVTA	Transit	Maintenance/Rehabilitation	LAVTA: Replacement (9) 30' Hybrid Buses	LAVTA: 9 vehicles: Purchase nine (9) 30' hybrid buses to replace diesel buses that have exceeded their useful life	ALA150032		\$6,697,350
Alameda	LAVTA	Transit	Maintenance/Rehabilitation	Livermore Transit Center Rehab and Improvement	LAVTA: Downtown Livermore Transit Center: Rehabilitate and improve the center by replacing or rehabilitating assets past their useful life including failed pavement, area security lighting, passenger	ALA170091		\$623,000
Alameda	LAVTA	Transit	Maintenance/Rehabilitation	Hybrid Bus Battery Pack Replacement	LAVTA: Fleetwide: Replace hybrid battery packs on Diesel/Electric hybrid buses	ALA190005		\$1,000,001
Alameda	LAVTA	Transit	Operations	LAVTA: COVID-19 Emergency Transit Operations	LAVTA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	ALA190026	\$3,317,752	\$6,819,121
Alameda	LAVTA	Transit	Operations	LAVTA: ADA Paratransit Operating Subsidy	LAVTA: ADA Paratransit Operating Subsidy	ALA990077		\$8,525,977
Alameda	LAVTA	Transit	System Management	LAVTA: Farebox Replacement	LAVTA: New Buses: Install farebox devices compliant with Clipper technology	ALA150035		\$497,803
Alameda	Livermore	Local Road	Maintenance/Rehabilitation	Livermore Pavement Rehabilitation - MTS Routes	Livermore: Various Locations: Repair and/or rehabilitate pavement	ALA170068		\$1,952,000

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Alameda	MTC	Local Road	Expansion	Bay Bridge Park	Oakland: At the Oakland Touchdown of the new East Span of the Bay Bridge: Bay Bridge Park (Project previously titled "SFOBB Gateway Park")	ALA110104	\$11,000,000	\$16,500,000
Alameda	MTC	Local Road	Expansion	Improved Bike/Ped Access to East Span of SFOBB	In Oakland: In the vicinity of the East Span of the San Francisco-Oakland Bay Bridge: Construct improved bicycle and pedestrian access. Project is phased.	ALA130030	\$2,000,000	\$36,500,000
Alameda	MTC	Local Road	System Management	Regional Planning Activities and PPM - Alameda	Alameda: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	ALA170007	\$1,628,000	\$13,223,159
Alameda	MTC	Local Road	System Management	Bay Bridge Forward-Commuter Parking Access Imps.	Albany and Oakland: Adjacent to Park and Ride lots at I-80/Buchanan Ave, I-880/High St, I-880/Fruitvale: Bicycle/pedestrian/bus stop improvements to facilitate safer access to and from lots; toll credits	ALA170012	\$820,000	\$820,000
Alameda	MTC	Local Road	System Management	I-880 Integrated Corridor Management North Segment	Alameda County: I-880 corridor from I-880/I-980 IC to I-880/Davis St. IC: Install intelligent transportation system infrastructure to facilitate the active management of traffic that naturally diverts onto	ALA170040		\$20,478,000
Alameda	MTC	Local Road	System Management	I-880 Integrated Corridor Management - Central	Alameda County: I-880 Corridor from Davis St in San Leandro to Whipple Rd in Union City: Identify how existing and planned incident management strategies and operations can be better coordinated and	ALA170057	\$1,498,000	\$8,840,000
Alameda	MTC	State Highway	System Management	Bay Bridge Forward - West Grand HOV/Bus Only Lane	In Oakland: Grand Avenue on-ramp: Convert shoulder to Bus/HOV only lane	ALA170011		\$5,977,000
Alameda	MTC	State Highway	System Management	Freeway Performance Program: Alameda I-580	Alameda County: On I-580 westbound approach to the San Francisco-Oakland Bay Bridge toll plaza from the SR 24/I-980 interchange to I-80: Conduct planning and environmental work to convert one	ALA190018		\$625,000
Alameda	MTC	Transit	System Management	Bay Bridge Forward: West Grand TSP	In Oakland: Various locations on the West Grand Ave Corridor between Maritime and Northgate; Implement transit signal priority for AC Transit vehicles.	ALA170058		\$1,000,000
Alameda	Newark	Local Road	Maintenance/Rehabilitation	Thornton Avenue Pavement Rehabilitation	Newark: On Thornton Ave between Spruce and Hickory St: Rehabilitate pavement	ALA170061		\$876,000
Alameda	Oakland	Local Road	Expansion	Lake Merritt to Bay Trail Bike/Ped Bridge	Oakland: Over Embarcadero and UPRR tracks under I880 between the Estuary and Lake Merritt along the Channel: Construct ADA accessible bicycle pedestrian bridge to link Bay Trail to Lake Merritt.	ALA130003	\$1,100,000	\$19,212,000
Alameda	Oakland	Local Road	Expansion	Oakland - 14th Street Safe Routes in the City	In Oakland: On 14th St between Brush St and Oak St: Reduce travel lanes from 4 to 2, add paved Class IV protected bicycle lanes; transit boarding islands; improve ped facilities including refuges, crossings,	ALA170043		\$14,032,000
Alameda	Oakland	Local Road	Expansion	Fruitvale Alive Bike/Ped Gap Closure	In Oakland: On Fruitvale Ave between Alameda Ave and E. 12th: Install class 4 cycle tracks and landscaped buffers, widen sidewalks, improve ped crossings, add ped scale lighting, reconfigure conflicting	ALA170051	\$8,529,000	\$10,095,000
Alameda	Oakland	Local Road	Expansion	Lakeside Family Streets	Oakland: On Harrison St from 20th to 27th, and along Grand Ave from Harrison to Bay Place: Install cycle track, parking protected bikeways and protected intersection; On Harrison from Grand to 27th:	ALA170063	\$4,962,000	\$5,415,000
Alameda	Oakland	Local Road	Expansion	42nd Ave. & High St. I-880 Access Improv.	Oakland: In the vicinity of the I-880/42nd & High interchange: Widening and re-alignment of local streets Including modified traffic signals and intersection improvements.	ALA991081		\$17,790,000

**TIP Project Listings by County**  
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Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Alameda	Oakland	Local Road	Maintenance/Rehabilitation	International Boulevard Improvement Project	Oakland: International Boulevard (1st Ave to Durant) and East 12th Street (1st Ave to 14th Ave): Install pedestrian scale lighting along the corridor, repair sidewalk damage, and install curb ramps.	ALA150010		\$6,254,000
Alameda	Oakland	Local Road	Maintenance/Rehabilitation	Oakland Various Streets Improvements	In Oakland: Citywide: Implement paving Improvements including pavement resurfacing, bicycle transportation, curb, gutter, drainage, sidewalks, pedestrian safety, and ADA compliant curb ramps	ALA170064	\$5,529,200	\$6,165,200
Alameda	Oakland	Local Road	System Management	Lake Merritt Improvement Project	In Oakland: Adjacent to Lake Merritt: Reconfigure roadways and construct paths, walls, structures, lighting, parking and landscaping; no added capacity	ALA110072		\$827,900
Alameda	Oakland	Local Road	System Management	Lakeside Complete Streets and Road Diet	Oakland: Along Harrison Street and Lakeside Drive between 19th Street and Grand Avenue: implement road diet and install bike and pedestrian facilities	ALA130024		\$15,705,000
Alameda	Oakland	Local Road	System Management	Laurel Access to Mills, Maxwell Park and Seminary	Oakland: MacArthur Boulevard from High St to Simmons St: Implement bicycle and pedestrian improvements	ALA150012		\$7,056,925
Alameda	Oakland	Local Road	System Management	Oakland: Telegraph Ave Bike/Ped Imps and Road Diet	HSIP7-04-014: In Oakland: Telegraph Ave from 29th to 45th St: Install crosswalk enhancements, painted bulb-outs, and painted median refuges; from 29th to 41st St: Implement road diet with buffered	ALA150042		\$1,493,900
Alameda	Oakland	Local Road	System Management	Oakland: Shattuck and Claremont Bike/Ped Imps	HSIP7-04-016 Oakland: On Claremont from Telegraph to Clifton: Implement road diet with bike lanes; Shattuck at 49th, 51st, 59th St, Alactraz: Construct crosswalk enhancements, RRFBs, bulb-out,	ALA150043		\$1,560,100
Alameda	Oakland	Local Road	System Management	19th St BART to Lake Merritt Urban Greenway	In Oakland: Between Broadway and Harrison Street: Improvements include sidewalk widening and bulbouts, ped crossing improvements, bikelanes, new traffic signals and signal mods, street/ped lighting,	ALA150044		\$4,683,000
Alameda	Oakland	Local Road	System Management	Oakland: Telegraph Avenue Complete Streets	Oakland: on Telegraph Avenue between 20th St and 41st St: Implement complete street project inc. road diet, buffered bike lanes, ped crossing improvements, bulbouts, bus boarding islands, traffic signal	ALA150047	\$4,037,000	\$4,914,000
Alameda	Oakland	Local Road	System Management	Oakland Parking and Mobility Management	Oakland: Montclair and select areas of Downtown: Implement demand-responsive parking management and transportation demand management initiatives	ALA150050		\$1,584,050
Alameda	Oakland	Local Road	System Management	Oakland Fruitvale Ave Bike/Ped Imprvmnts H8-04-014	Oakland: Fruitvale Ave from E 10th St to E 23th St: H8-04-014 Install crosswalk enhancements, RRFBs, signal upgrades and modifications, signing, striping, markings. Implement road diet, parking lane	ALA170052		\$1,466,507
Alameda	Oakland	Local Road	System Management	Oakland 35th Ave Bike/Ped Improvements H8-04-015	Oakland: 35th Ave from San Leandro St to Sutter St: H8-04-015 Install crossing enhancements, HAWKs, RRFBs, signal upgrades/modifications, signing, striping, markings; 35th Ave from Int Blvd to E 12th	ALA170053		\$2,903,800
Alameda	Oakland	Local Road	System Management	Oakland - Crossing to Safety	Oakland: At Park Blvd/Excelsior Ave-Grosvenor Place and Park Blvd/13th Ave-East 38th St: Provide sidewalks and shorter pedestrian crossings; At the Park Blvd intersection near Edna Brewer Middle School:	ALA170078		\$2,117,000
Alameda	Oakland	Port/Freight Rail	Expansion	Oakland Army Base Infrastructure Improvements	In Oakland: At former Oakland Army Base: Implementing Army Base Infrastructure Master Plan including TCIF funded OHIT improvements implemented by City of Oakland. For the related Port project, see	ALA110046		\$300,580,000



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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Alameda	Piedmont	Local Road	Maintenance/ Rehabilitation	Piedmont - Oakland Avenue Improvements	Piedmont: Oakland Ave between Grand Ave and western city limits: Pavement rehabilitation and installation of bicycle and pedestrian safety improvements	ALA170084	\$449,000	\$509,000
Alameda	Pleasanton	Local Road	Maintenance/ Rehabilitation	Pavement Rehabilitation Hacienda Business Park	Pleasanton: Various locations near the Hacienda Business Park: Pavement rehabilitation and bike/ped improvements	ALA170070		\$2,777,270
Alameda	Pleasanton	Local Road	System Management	I-680/Sunol Interchange Improvements	Pleasanton: At the I-680/Sunol Blvd Interchange: Widen the SB ramp to add two lanes (1 general purpose, 1 HOV bypass) and add intersection and bike/ped improvements. Project also references RTP ID	ALA190020	\$2,500,000	\$30,250,000
Alameda	San Leandro	Local Road	Expansion	SR 185- E. 14th St/ Hesperian Blvd/150th Ave	San Leandro: 150th/E. 14th/Hesperian: Construct NB left turn Ln from Hesperian to E.14th, EB left turn Ln from E.14th to 150th Av & SB Ln from Hesperian to 150th and other traffic circulation	ALA050002	\$3,481,522	\$7,232,270
Alameda	San Leandro	Local Road	Maintenance/ Rehabilitation	San Leandro Washington Avenue Rehabilitation	San Leandro: Washington Ave from W. Juana Ave to Castro St: Reconstruct roadway	ALA170075	\$1,102,000	\$1,185,000
Alameda	SJRC	Transit	Operations	ACE: COVID-19 Emergency Transit Operations	ACE: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies, and	ALA190024		\$2,680,453
Alameda	Union C Transit	Transit	Maintenance/ Rehabilitation	Union City Paratransit Van Procurement	Union City Transit: Six (6) 2009 compressed natural gas (CNG) vans: Replace as they have reached the end of their useful life.	ALA170014		\$1,032,000
Alameda	Union C Transit	Transit	Maintenance/ Rehabilitation	Union City Transit Electric Bus Procurement	Union City Transit: Fleet: Replace existing buses with zero-emission battery-electric buses.	ALA190029	\$7,194,282	\$9,994,282
Alameda	Union C Transit	Transit	Operations	Union City: ADA Paratransit Operating Subsidy	Union City Transit: Systemwide: ADA Paratransit Operating Assistance	ALA170039		\$674,664
Alameda	Union C Transit	Transit	Operations	Union City Transit: COVID-19 Emergency Transit Ops	Union City Transit: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE	ALA190027	\$1,023,851	\$1,946,411
Alameda	Union C Transit	Transit	System Management	Union City Transit Travel Time Improvements	Union City: South Alameda County Major Corridors: Travel time improvements including Adaptive Traffic Control Systems, corridor-wide Transit Signal Priority, signal coordination and relocation of key bus	ALA170013		\$181,393
Alameda	Union City	Local Road	Maintenance/ Rehabilitation	Union City-Dyer Street Pavement Rehabilitation	Union City: On Dyer St from Alvarado Blvd to Deborah Dr: Rehabilitate pavement	ALA170071	\$985,000	\$1,040,000
<b>Alameda County</b>							<b>\$755,884,242</b>	<b>\$6,063,148,046</b>

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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Contra Costa	Antioch	Local Road	Expansion	Laurel Road Extension	Antioch: On Laurel Road between Kirk Lane and SR4 Bypass: Construct new 4 lane divided extension with bike lanes, sidewalks, and bus stops.	CC-070008		\$10,950,000
Contra Costa	Antioch	Local Road	Expansion	Slatten Ranch Road Extension Phase I	Antioch: Slatten Ranch Road between Hillcrest Avenue to Wicklow Road: Phase I - Construct new 4 lane road.	CC-070009		\$3,950,000
Contra Costa	Antioch	Local Road	Maintenance/Rehabilitation	Antioch Pavement Rehabilitation	In Antioch: On various roadways: Pavement Rehabilitation (Grind/overlay, plug pavement base failures, and/or cape seal) replace concrete curb ramps, curbs and sidewalks, replace traffic signal loops, place	CC-170036		\$3,200,000
Contra Costa	Antioch	Local Road	System Management	Antioch - L Street Pathway to Transit	Antioch: On L Street from Hwy 4 to Antioch Marina: Widen street in various locations and restripe to provide continuous bike lanes and sidewalks, upgrade existing traffic signals, install new bus shelters	CC-170035	\$2,896,000	\$3,246,000
Contra Costa	BAIFA	Tollway	System Management	CC-680 Northern Segment Express Lane - Southbound	Contra Costa County: On I-680 Southbound from Benicia-Martinez Toll Plaza to El Cerro: Convert HOV to express lanes and add/modify express lane elements. Project also references RTP ID 17-10-0054	CC-170002		\$53,598,000
Contra Costa	BART	Transit	Expansion	BART to Antioch - East Contra Costa Rail Extension	Pittsburg/Antioch: East Contra Costa County: Extend Rail Service from the Pittsburg/Bay Point Station into eastern Contra Costa County	CC-050025		\$459,911,000
Contra Costa	BART	Transit	Expansion	eBART Railroad Avenue Station	Pittsburg: on eBART corridor at Railroad Ave: Design and construction of station	CC-130002		\$13,400,000
Contra Costa	BART	Transit	Maintenance/Rehabilitation	Concord Yard Wheel Truing Facility	BART: Concord Yard: Construct a wheel truing facility which will house a dual-guage wheel truing machine to service both BART and eBART vehicle wheels.	CC-150019		\$14,000,000
Contra Costa	BART	Transit	Maintenance/Rehabilitation	Concord BART Station Modernization	Concord: In and around the Concord BART Station: Make capacity, access, placemaking, and state-of-good repair, improvements based on BART's 2016 Station Modernization Plan.	CC-170060	\$9,500,000	\$13,000,000
Contra Costa	BART	Transit	System Management	Walnut Creek BART TOD Access Improvements	Walnut Creek: In the vicinity of the Walnut Creek BART Station: construct public access improvements that are part of the proposed transit-oriented development	CC-110082		\$11,050,000
Contra Costa	BART	Transit	System Management	El Cerrito del Norte BART Station Modernization	BART: El Cerrito del Norte BART Station: Modernize the station including expanding the station to relieve crowding, improve accessibility, reduce fare evasion, and enhance the customer	CC-170024		\$30,168,407
Contra Costa	Brentwood	Local Road	Expansion	Brentwood Boulevard Widening - North (Phase I)	Brentwood: Brentwood Boulevard from Havenwood Avenue to Homecoming Way: Phase I-Widen from 2 to 4 lanes including a new parallel bridge over Marsh Creek, traffic signal modifications, and	CC-070011		\$6,700,000
Contra Costa	Brentwood	Local Road	Expansion	Lone Tree Way Undercrossing	Brentwood: On Lone Tree Way at the UPRR track: Construct 4-lane grade separation undercrossing.	CC-070013		\$16,000,000
Contra Costa	Brentwood	Local Road	Expansion	Brentwood Boulevard Widening - North (Phase II)	Brentwood: Brentwood Blvd. between Homecoming Way and Lone Tree Way: Widen existing roadway from 2 to 4 lanes	CC-170015		\$9,500,000
Contra Costa	Brentwood	Local Road	Maintenance/Rehabilitation	Brentwood Various Streets and Roads Preservation	In Brentwood: Various locations: Pavement preservation	CC-170034	\$770,000	\$844,000
Contra Costa	CC County	Local Road	Expansion	Kirker Pass Road NB Truck Climbing Lanes	Unincorporated Contra Costa County: On Kirker Pass Road from Clearbrook Drive to approximately 1,000 feet beyond the crest of Kirker Pass Road; Construct northbound truck climbing lane and paved	CC-070075		\$18,317,000
Contra Costa	CC County	Local Road	Expansion	Byron Highway - Vasco Road Connection	Contra Costa County: between Byron Highway and Vasco Road: Construct an east-west connection road	CC-070081		\$40,000,000

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Contra Costa	CC County	Local Road	Expansion	Bailey Road Bike and Pedestrian Improvements	Bay Point: Bailey Rd from Willow Pass Rd to SR 4: Improve bicycle and pedestrian accessibility. Improvements will expand sidewalks and construct uniform bike lanes to create a corridor conducive to all	CC-130003		\$4,774,000
Contra Costa	CC County	Local Road	Expansion	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Bay Point: Near the intersection of Port Chicago Hwy and Willow Pass Rd: Install bike lane, sidewalk, curb and gutter, bike/ped access improvements, and intersection channelization	CC-130027		\$1,722,700
Contra Costa	CC County	Local Road	Expansion	CC County - Rio Vista Elementary Ped Connection	Contra Costa County: On Pacifica Avenue between Mariners Cove Drive and Wharf Drive: Install sidewalks, bike lanes, flashing beacons, speed feedback sign, retaining wall and drainage improvements and	CC-150010		\$905,000
Contra Costa	CC County	Local Road	Expansion	Camino Tassajara Realignment, S of Windemere Pkwy	Contra Costa County: Camino Tassajara between Windemere Parkway and the City of Dublin: Realign curves and widen road to four lanes	CC-170016		\$17,000,000
Contra Costa	CC County	Local Road	Expansion	Fred Jackson Way First Mile/Last Mile Connection	In Richmond: On Fred Jackson Way from Grove Avenue to Wildcat Creek Trail: Construct ADA accessible sidewalks with street trees; and from Wildcat Creek to Brookside Dr: Construct pedestrian path and	CC-170020	\$2,937,000	\$4,693,000
Contra Costa	CC County	Local Road	Expansion	Pacheco Blvd Sidewalk Gap Closure Phase 3	In Martinez: Adjacent to Las Juntas Elementary School and across Vine Hill Creek on Pacheco Boulevard: Close a gap in sidewalk infrastructure and extend a 6' x 8' concrete culvert	CC-170021		\$1,359,000
Contra Costa	CC County	Local Road	Maintenance/Rehabilitation	Kirker Pass Road Open Grade Overlay	Contra Costa County: On Kirker Pass Rd from the Concord City Limits to approximately 140 feet east of the driveway to 6141 Kirker Pass Rd: Pavement rehabilitation	CC-170028		\$2,395,000
Contra Costa	CC County	Local Road	System Management	Vasco Road Safety Improvements	Contra Costa County: Vasco Road from Walnut Blvd to the Alameda/Contra Costa County line: widen road and place concrete median barrier for 2.5 miles. Phase 1 completed a 1 mile widening segment.	CC-050030	\$100,000	\$33,093,977
Contra Costa	CC County	Local Road	System Management	Bailey Road-State Route 4 Interchange	In Bay Point: At the Bailey Road-State Route 4 interchange; modify ramps and Bailey Road to improve bicycle and pedestrian circulation. Project is phased.	CC-130001		\$5,195,000
Contra Costa	CC County	Local Road	System Management	West County Walk and Bike Leaders	Contra Costa County: At 7 high schools in West Contra Costa: Provide comprehensive bicycle and pedestrian education, encouragement, and engagement activities to foster a walk-and-bike-to-school	CC-170029		\$634,000
Contra Costa	CC County	Local Road	System Management	Treat Boulevard Corridor Improvements	Contra Costa County: Along Treat Blvd between N Main St and Jones Rd: Implement bicycle infrastructure and pedestrian enhancements	CC-190012	\$2,142,000	\$2,142,000
Contra Costa	CCCTA	Transit	Maintenance/Rehabilitation	CCCTA: Replace 18 30' Buses	CCCTA: 18 vehicles: Replace 18 30' Heavy Duty Diesel buses that have reached the end of their useful life, four (4) of the diesel buses will be replaced with four (4) electric buses.	CC-150006		\$11,916,189
Contra Costa	CCCTA	Transit	Maintenance/Rehabilitation	CCCTA: Replace 13 35' Buses	CCCTA: 13 vehicles: Replace 13 35' Heavy Duty Diesel Buses that have reached the end of their useful life.	CC-150007		\$6,382,675
Contra Costa	CCCTA	Transit	Maintenance/Rehabilitation	CCCTA Replace 42 Ford Cutaways - 22"	CCCTA: 42 Ford Cutaways - 22': Replace vehicles	CC-170051		\$5,381,250
Contra Costa	CCCTA	Transit	Maintenance/Rehabilitation	CCCTA Replace 3 Gasoline 7-Year Paratransit Vans	CCCTA: Fleetwide: Replace paratransit vehicles that have reached the end of their useful life.	CC-170053		\$159,000
Contra Costa	CCCTA	Transit	Operations	CCCTA: COVID-19 Emergency Transit Operations	CCCTA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	CC-190013	\$4,745,001	\$11,812,681

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Contra Costa	CCCTA	Transit	Operations	CCCTA: ADA Paratransit Assistance	CCCTA: Systemwide: ADA Paratransit Assistance to transit agency.	CC-99T001		\$23,696,482
Contra Costa	CCCTA	Transit	System Management	CCCTA: Access Improvements Implementation	CCCTA: Various bus stops system-wide: Implement bicycle and pedestrian access improvements identified in County Connection's Access Improvement Study.	CC-130045		\$778,650
Contra Costa	CCCTA	Transit	System Management	REMIX Software Implementation Project	County Connection: Systemwide: Integrate REMIX mapping software into County Connection's planning process.	CC-150012		\$40,281
Contra Costa	CCTA	Local Road	Expansion	Mokelumne Trail Bike/Ped Overcrossing	Brentwood: Near the Mokelumne Trail at State Route 4 in Brentwood: Construct a pedestrian and bicycle overcrossing.	CC-070067		\$11,472,000
Contra Costa	CCTA	Local Road	System Management	CCTA - Carshare 4 All	Contra Costa County: Various locations: Expand carshare access at transit locations and conduct outreach	CC-150009		\$708,327
Contra Costa	CCTA	Local Road	System Management	CCTA Automated Driving System	Contra Costa County: Various Locations: Implement 3 demonstration projects that will provide mobility choices to transportation-challenged and underserved communities, while guiding and advancing	CC-190017	\$14,046,000	\$14,046,000
Contra Costa	CCTA	State Highway	Expansion	I-680/SR 4 I/C Reconstruction - Ph 1 & 2a	Contra Costa Co: I680/SR4 I/C: Ph1 construct a 2-lane flyover direct connector fr NB680 to WB SR4 & remove NB680 to WB SR4 loop, construct aux lanes, a slip ramp. Ph 2A will extend the SB680 CD ramp.	CC-010023		\$236,000,000
Contra Costa	CCTA	State Highway	Expansion	Reconstruct I-80/San Pablo Dam Rd Interchange	San Pablo: I-80/San Pablo Dam Rd I/C: Reconstruct I/C-relocating WB El Portal on-ramp to the full I/C northwards, providing access to McBryde through a new road from SPDR I/C, and replacing Riverside	CC-070035	\$9,200,000	\$118,928,000
Contra Costa	CCTA	State Highway	Expansion	SR 239 - New State Highway Study	Contra Costa County: SR 239 between SR4 in Brentwood and I-205 in Tracy: Conduct environmental and design studies to create a new alignment for SR239 and develop corridor improvements from	CC-110066		\$25,941,010
Contra Costa	CCTA	State Highway	System Management	SR 4 Integrated Corridor Management	Contra Costa County: Along SR 4 between I-80 in Hercules to the SR 4/SR 160 Interchange in the City of Antioch: Implement Integrated Corridor Management along corridor.	CC-150013		\$15,000,000
Contra Costa	CCTA	State Highway	System Management	I-680 NB Express Lane Completion	Contra Costa County: NB I680 from Livorna Rd to SR242: Extend HOV lane; NB I680 from Livorna to Benicia-Martinez Bridge: Convert HOV to EL; NB I680 from N Main St to Treat Blvd and from Livorna Rd to	CC-170017	\$4,000,000	\$390,000,000
Contra Costa	CCTA	State Highway	System Management	SR-4 Operational Improvements - Initial Phases	Contra Costa County: On SR-4 between I-680 and Bailey Road: Implement operational improvements including adding general purpose and auxiliary lanes at various locations	CC-170018	\$11,993,000	\$144,000,000
Contra Costa	CCTA	State Highway	System Management	I-680 Advanced Technologies	Contra Costa County: I-680 from the Solano County line to the Alameda County line: Deploy a suite of technology-based solutions to maximize the efficiency of I-680.	CC-170062	\$3,200,000	\$52,700,000
Contra Costa	CCTA	State Highway	System Management	Bay Area MOD	CCTA: In the I680 Corridor and surrounding communities: Develop an integrated and scalable platform & application (app) aimed at reducing traffic congestion	CC-190018	\$17,828,213	\$17,828,213
Contra Costa	CCTA	Transit	Operations	I-680 Part Time Transit Lane	In Contra Costa County: On I-680 between Ygnacio Valley Rd and Alcosta Blvd: Increase bus service efficiency by implementing bus operations on shoulder (BOS)	CC-170061	\$900,000	\$10,100,000
Contra Costa	Clayton	Local Road	Maintenance/ Rehabilitation	Clayton Neighborhood Street Rehab	In Clayton: On various neighborhood streets: Pavement maintenance and rehabilitation including replacing pavement markings	CC-170047	\$368,000	\$393,000

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Contra Costa	Concord	Local Road	Expansion	Concord BART Station Bike/Ped Access Improvements	Concord: Near the Downtown Concord BART Station: Implement bike/ped access improvements including road diets, buffered bike lanes (0.7 mi), Class 2 bike lanes (0.6 mi), and Class 3 bike routes (0.1	CC-130006		\$1,825,000
Contra Costa	Concord	Local Road	Maintenance/Rehabilitation	Concord Willow Pass Road Repaving SR2T	Concord: On Willow Pass Rd from Galindo St to Landana Drive: Implement complete streets improvements	CC-170037	\$6,125,000	\$7,670,000
Contra Costa	Concord	Local Road	System Management	Commerce Ave Complete Streets	Concord: Along Commerce Ave: Upgrade street to Complete Streets standards including installing a Class III bike route, reconstruct asphalt pavement , ADA compliant sidewalk improvements, improved	CC-170022		\$2,615,000
Contra Costa	Concord	Local Road	System Management	Downtown Corridors Bike/Pedestrian Improvements	Concord: Various locations: Implement bicycle and pedestrian safety improvements to multiple corridors connecting Downtown Concord to regional transit, senior housing, and low income communities.	CC-170050		\$4,351,000
Contra Costa	Concord	Public Lands/ Trails	Expansion	Monument Boulevard Class I Path	In Concord: Monument Blvd from Systron Dr to Cowell Rd and Cowell Rd from Monument Blvd to Mesa St: Install a Class I path and related improvements at signalized intersections	CC-170039	\$4,347,000	\$5,329,000
Contra Costa	Concord	State Highway	Expansion	SR 242 / Clayton Road Interchange Improvements	Concord: At the SR242/Clayton Rd Interchange: Construct NB on-ramp and SB off-ramp	CC-070024		\$66,000,000
Contra Costa	Danville	Local Road	Expansion	Vista Grande Street Pedestrian Improvements/SR2S	Danville: Vista Grande Street between Camino Tassajara and Diablo Road/Vista Grande Elementary School: Construct separated asphalt concrete pathway and safety enhancements to provide direct ped/bike	CC-130038		\$207,275
Contra Costa	Danville	Local Road	Expansion	San Ramon Valley Blvd Slurry Seal and Striping	Danville: On San Ramon Blvd between Jewel Terrace and Podva Rd: Slurry seal and restriping	CC-170001		\$953,046
Contra Costa	Danville	Local Road	Maintenance/Rehabilitation	Camino Ramon Improvements	Danville: On Camino Ramon between Kelley Lane and Fostoria Way: Rehabilitate roadway	CC-170058	\$1,934,016	\$2,083,371
Contra Costa	EB Reg Park Dis	Public Lands/ Trails	Expansion	SF Bay Trail Point Molate	EBRPD: Along the shoreline connecting the bike/pedestrian trail over the Richmond-San Rafael bridge to the Point Molate Beach Park in the City of Richmond: Construct SF Bay Trail segment	CC-190019	\$1,000,000	\$4,020,500
Contra Costa	ECCTA	Transit	Expansion	ECCTA: Oakley Park and Ride	Oakley: Near the intersection of Highway 4 and East Cypress Road: Construct a Park and Ride Lot	CC-190010		\$6,400,000
Contra Costa	ECCTA	Transit	Maintenance/Rehabilitation	ECCTA: Transit Bus Replacements	Tri-Delta Transit: Fleetwide: Replacement Revenue Vehicles and associated farebox equipment	CC-070092		\$42,210,286
Contra Costa	ECCTA	Transit	Operations	Tri-Delta: ADA Operating Assistance	Tridelta: Systemwide: Operating assistance to fund ADA Set Aside requirement	CC-030035		\$12,104,559
Contra Costa	ECCTA	Transit	Operations	ECCTA: COVID-19 Emergency Transit Operations	ECCTA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	CC-190014	\$4,133,274	\$8,024,638
Contra Costa	ECCTA	Transit	System Management	ECCTA: Non-ADA Paratransit to FR Incentive Program	ECCTA: Systemwide: Use outreach, travel training and fare incentives to move non-ADA paratransit users to on demand, alternative transportation services.	CC-150020		\$1,021,621
Contra Costa	El Cerrito	Local Road	Maintenance/Rehabilitation	Carlson Blvd and Central Ave Pavement Rehab	In El Cerrito: On Central Ave from Santa Clara Ave to San Pablo Ave and Carlson Blvd from Central Ave to the northern city limits: Rehabilitate roadway including existing Class II bike lanes and	CC-170030		\$970,000

**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Contra Costa	El Cerrito	Local Road	System Management	El Cerrito del Norte Area TOD Complete Street Imps	El Cerrito: El Cerrito del Norte BART Station Area: Complete Streets improvements to access, circulation and safety for bicyclists, pedestrians, local and regional bus, rapid bus, and automobile connections	CC-070046	\$8,416,680	\$9,176,680
Contra Costa	Hercules	Local Road	Maintenance/Rehabilitation	Hercules -Sycamore/Willow Pavement Rehabilitation	In Hercules: Sycamore Ave from Civic Dr to Willow/Palm Ave and Willow Ave from Mariners Pointe to the SR4 overcrossing: Pavement rehabilitation	CC-170043	\$640,000	\$640,000
Contra Costa	Hercules	Transit	Expansion	Hercules Intercity Rail Station	Hercules: At future train station: Install multi-use trails, utility relocation, track improvements, construct rail station, and parking facility.	CC-030002		\$96,386,000
Contra Costa	Lafayette	Local Road	Maintenance/Rehabilitation	Pleasant Hill Rd Pavement Rehab & Maintenance	In Lafayette: On Pleasant Hill Rd between Mt Diablo Blvd and Taylor Blvd: Rehabilitate roadway, including adjacent ramp, curb, gutter, and sidewalk repairs.	CC-170033		\$656,000
Contra Costa	Martinez	Local Road	Maintenance/Rehabilitation	Martinez Various Streets and Roads Preservation	Martinez: Various Streets and Roads: Rehab and reconstruction of roadways, modify curb ramps to meet current ADA standards, including constructing bulb-outs where there is insufficient room and	CC-130025		\$1,285,000
Contra Costa	Martinez	Local Road	Maintenance/Rehabilitation	Martinez Downtown Streets Rehabilitation	Martinez: Various streets in the Downtown Core Area (in or adjacent to the Downtown PDA): Pavement Rehabilitation	CC-170059	\$1,012,000	\$1,112,000
Contra Costa	Moraga	Local Road	Maintenance/Rehabilitation	Moraga Way and Canyon/Camino Pablo Improvements	Moraga: Moraga Way from Moraga Rd to Ivy Dr: Resurface, close sidewalk gap, and improve bike facilities; Canyon Rd & Camino Pablo intersection: Install crosswalk improvements; Canyon Rd from	CC-170046		\$2,719,000
Contra Costa	MTC	Local Road	System Management	Regional Planning Activities and PPM - CC County	Contra Costa: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	CC-170004	\$1,135,000	\$7,832,553
Contra Costa	MTC	State Highway	System Management	Richmond-San Rafael Bridge Bicycle Access	Contra Costa & Marin County: Richmond-San Rafael: Combine several innovative strategies to induce ridership on the Richmond-San Rafael Bridge.	CC-190011		\$500,000
Contra Costa	Oakley	Local Road	Maintenance/Rehabilitation	Oakley Street Repair and Resurfacing	Oakley: Vintage Parkway: Rehabilitate including new curb ramps and striping	CC-170041		\$1,591,000
Contra Costa	Oakley	Transit	System Management	Civic Center Railroad Platform Park & Ride Complex	Oakley: Main Street between 2nd Street and O'Hara Avenue: Build 2 parking lots for multi-modal park, ride, and transit activities. Lots will serve train riders for a future train platform which includes	CC-170019		\$8,000,000
Contra Costa	Orinda	Local Road	Maintenance/Rehabilitation	Orinda Way Pavement Rehabilitation	Orinda: Orinda Way between cul de sac near Santa Maria Way and Camino Pablo through the Orinda Village downtown district: Perform pavement rehabilitation/maintenance including required upgrades for	CC-170032	\$720,000	\$750,000
Contra Costa	Pinole	Local Road	Maintenance/Rehabilitation	Pinole - San Pablo Avenue Rehabilitation	In Pinole: On San Pablo Avenue from City Limits to Pinole Shores Dr: Rehabilitate roadway and make accessibility upgrades as warranted	CC-170048	\$586,000	\$663,000
Contra Costa	Pittsburg	Local Road	Expansion	Pittsburg BART Pedestrian and Bicycle Connectivity	In Pittsburg: On California Ave, Bliss Ave, and Railroad Ave in the vicinity of the Pittsburg Center eBART station: Construct Class I and IV bikeways and associated improvements	CC-170040	\$3,827,000	\$4,520,000
Contra Costa	Pittsburg	Local Road	Maintenance/Rehabilitation	City of Pittsburg Pavement Improvements	In Pittsburg: On West Leland Rd from Woodhill Rd to Railroad Ave and on Loveridge Rd from Buchanan Rd to Pittsburg-Antioch Highway: Rehabilitate roadway	CC-170042	\$2,410,000	\$2,725,000
Contra Costa	Pittsburg	Local Road	System Management	Pittsburg Active Transp. and Safe Routes Plan	Pittsburg: Citywide: Identify and prioritize citywide bicycle and pedestrian improvements that would increase safety, accessibility, and connectivity between housing, schools, transit, parks, community	CC-170049		\$312,000

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Contra Costa	Pittsburg	Transit	Expansion	Pittsburg Multimodal Transit Station Access Imps.	In Pittsburg: At the Northeast corner of Railroad Ave and California Ave: Construct a Kiss-n-Ride lot, add a right-turn lane on California Ave and improve multi-modal access to eBART station.	CC-130039		\$3,937,000
Contra Costa	Pleasant Hill	Local Road	System Management	Pleasant Hill Road Improvements	In Pleasant Hill: Along Pleasant Hill Rd between Taylor Blvd and Gregory Ln: Pavement rehabilitation, install new bike lanes, repair sidewalk, modify signals, and landscape medians	CC-170044		\$4,520,000
Contra Costa	Richmond	Local Road	Expansion	37th Street Bicycle & Pedestrian Improvements	Richmond: On 37th St from Cerritto Ave to Center Ave: Install bike lanes and pedestrian countdown heads and upgrade traffic signals; On 37th from Barrett to Center: Implement road diet with one lane	CC-130047		\$368,600
Contra Costa	Richmond	Local Road	Maintenance/Rehabilitation	Richmond: Roadway Preservation and ADA Improvement	Richmond: Various locations: Pavement rehabilitation, and drainage, ADA, bicycle facility, pedestrian safety, and vehicular efficiency improvements	CC-170057	\$3,840,000	\$4,140,000
Contra Costa	Richmond	Local Road	System Management	I-80/Central Avenue - Local Portion	Richmond: I-80/Central Ave Interchange: Connect Pierce St to San Mateo and relocate signal at Pierce/Central to San Mateo/Central intersection.	CC-050076	\$12,093,000	\$14,593,000
Contra Costa	Richmond	Local Road	System Management	The Yellow Brick Road in Richmond's Iron Triangle	Richmond: Various locations outlined in the the Yellow Brick Road Plan: Implement bike/ped improvements	CC-150016		\$6,452,000
Contra Costa	Richmond	Local Road	System Management	Lincoln Elementary SRTS Pedestrian Enhancements	Richmond: Along Chanslor, 5th St and 6th St near Lincoln School and at Chanslor Ave and 4th St: Pedestrian enhancements to improve the safety for school children by adding median refuges, curb	CC-170056	\$562,000	\$610,000
Contra Costa	San Pablo	Local Road	Maintenance/Rehabilitation	San Pablo - Giant Road Pavement Rehabilitation	San Pablo: Giant Rd between Brookside Dr to Trenton Blvd: Rehabilitate roadway	CC-170031	\$699,000	\$699,000
Contra Costa	San Pablo	Local Road	System Management	Rumrill Blvd Complete Streets Improvements	San Pablo: Along Rumrill Boulevard between San Pablo Avenue to the North and Costa Avenue to the South: Complete Streets Improvements and road diet.	CC-150017	\$15,088,949	\$16,248,949
Contra Costa	San Ramon	Local Road	Expansion	Crow Canyon Road (Alcosta to Indian Rice) Widening	San Ramon: Crow Canyon Rd from Alcosta Blvd to Indian Rice Rd: Widen to three lanes in each direction	CC-190001		\$20,075,000
Contra Costa	San Ramon	Local Road	Maintenance/Rehabilitation	Alcosta Boulevard Pavement Rehab	San Ramon: On Alcosta Blvd (southbound and northbound) from Veracruz Drive to Olympia Fields Drive: Rehabilitate roadway including striping.	CC-170045	\$4,675,000	\$5,075,000
Contra Costa	San Ramon	Local Road	System Management	San Ramon Valley Street Smarts	San Ramon Valley: At elementary, middle and high schools: Bicycle, Pedestrian and traffic safety education	CC-170026		\$493,000
Contra Costa	San Ramon	Public Lands/ Trails	Expansion	Iron Horse Trail Bike and Pedestrian Overcrossing	San Ramon: At the intersections of Bollinger Canyon Road and the Iron Horse Trail: Construct bicycle/pedestrian overcrossing	CC-170014	\$17,484,000	\$21,746,000
Contra Costa	SJRC	Transit	Expansion	Oakley Station Platform	Oakley: North of Main Street between 2nd St and O'Hara Ave: Construct a new train station platform for the Amtrak San Joaquins inter-city rail service.	CC-190002	\$7,997,119	\$8,623,356
Contra Costa	Walnut Creek	Local Road	Maintenance/Rehabilitation	Walnut Creek-N. Main St Rehab - I680 to California	Walnut Creek: North Main Street between the Interstate 680 Overpass and California Boulevard: Rehabilitate Roadway	CC-170025		\$970,000
Contra Costa	Walnut Creek	Local Road	Maintenance/Rehabilitation	Ygancio Valley Road Rehabilitation	Walnut Creek: Ygnacio Valley Rd from Civic Dr to San Carlos Dr: Rehab pavement, striping, adjust covers, ADA upgrades and install video detection at select intersections.	CC-170038	\$2,953,000	\$3,053,000
Contra Costa	Walnut Creek	Local Road	System Management	Walnut Creek-Parking Guidance System Pilot	Walnut Creek: Downtown core area: Implement Parking Guidance System connected to all public parking in downtown core area.	CC-150018		\$933,000

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Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WCCTA: Preventive Maintenance Program	WestCat: Systemwide: Operating assistance to aid agency with preventive maintenance activities of its fleet.	CC-030025		\$2,508,911	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT: Replace (2) 2002 40ft Revenue Vehicles	WestCAT: 2 vehicles: Replace (2) 2002 40 ft Revenue Vehicles with similar vehicles	CC-170006		\$1,076,000	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT: Purchase 2 Fast Fare Electronic Fareboxes	WestCAT: 2 vehicles: Purchase and Install (2) FastFare Electronic Fareboxes	CC-170007		\$35,623	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT Replace (6) 2008 35ft Revenue Vehicles	WCCTA: (6) 2008 Revenue Vehicles: Purchase replacement vehicles	CC-170008		\$3,348,000	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT: Purchase (6) Electronic Fareboxes	WestCAT: For (6) replacement 2008 35 ft revenue veicles: Purchase (6) Electronic Fare boxes	CC-170009		\$106,868	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT Replace 5 35ft and 4 40ft Vehicles	WestCAT: (5) 2007 35ft and (4) 2002 40 ft Revenue vehicles: Purchase replacement vehicles	CC-170010		\$4,729,001	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT: Purchase (9) Electronic Fareboxe	WestCAT: 9 vehicles: Purchase of (9) Electronic Fareboxes	CC-170011		\$160,302	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT - Replace (2) DAR MiniVans	WestCAT: 2 vehicles: Replace MiniVans (2007) with Cut Away DAR vehicles	CC-170012		\$312,000	
Contra Costa	WCCTA	Transit	Maintenance/Rehabilitation	WestCAT: Purchase of (2) Radio Systems	WestCat: Radio systems: Purchase of (2) Radio systems for (2) Cut Away Van's	CC-170013		\$2,000	
Contra Costa	WCCTA	Transit	Operations	WCCTA: COVID-19 Emergency Transit Operations	WCCTA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	CC-190015	\$1,799,634	\$4,017,838	
Contra Costa	WCCTA	Transit	Operations	WestCat: ADA Paratransit Operating Subsidy	WestCAT: Systemwide: ADA Paratransit Operating Subsidy	CC-990045		\$4,472,171	
Contra Costa	WCCTA	Transit	System Management	WestCAT: Purchase (1) Fast Fare Electronic Farebox	WestCAT: 1 vehicle: Purchase and Install (1) FastFare Electronic Farebox for (1) 40 ft Revenue Vehicle	CC-150015		\$17,811	
Contra Costa	WCCTA	Transit	System Management	WestCAT - AVL System with APC Element.	Western Contra Costa Transit Authority (WestCAT): Systemwide: Purchase and install a new AVL system including automatic passenger counting (APC)	CC-150021		\$762,144	
<b>Contra Costa County</b>								<b>\$188,102,886</b>	<b>\$2,317,770,945</b>



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Marin	Corte Madera	Local Road	Expansion	Corte Madera-Paradise Drive Multiuse Path	Corte Madera: Along Paradise Dr. between San Clemente Dr. and Seawolf Passage: Extend multiuse pathway	MRN170019	\$673,000	\$1,045,000
Marin	Corte Madera	Local Road	System Management	Central Marin Regional Pathway Gap Closure	Corte Madera: On the west side of US 101 along Nellen Ave and Wornum Dr: separated pedestrian and bicycle facilities including protected bikeway, sidewalk and a pedestrian refuge island with walkway,	MRN170023		\$469,100
Marin	Fairfax	Local Road	System Management	Parkade Circulation and Safety Improvements	Fairfax: Between Sir Francis Drake Boulevard, Pacheco Avenue, Claus Drive and Broadway: Improve bicycle, pedestrian, transit, and vehicular circulation and safety around and through the Parkade in	MRN130009		\$400,000
Marin	GGBHTD	Tollway	Maintenance/Rehabilitation	Golden Gate Bridge Seismic Retrofit, Phase 3B	SF/Marin County: Golden Gate Bridge; Seismic retrofit of the Golden Gate Bridge - construction of suspension span, south pier and fender.	MRN050018	\$60,560,990	\$137,147,513
Marin	GGBHTD	Tollway	Maintenance/Rehabilitation	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	San Francisco /Marin Counties: Golden Gate Bridge; Seismic retrofit of the Golden Gate Bridge - construction on north and south approach viaducts, and Ft. Point Arch.	MRN970016	\$1,937,433	\$373,157,170
Marin	GGBHTD	Tollway	System Management	Golden Gate Bridge-Suicide Deterrent SafetyBarrier	Golden Gate Bridge: Build suicide deterrent system. Including design & Environmental analysis, plus analysis of alternatives & wind tunnel tests to ensure the feasibility of designs and build deterrent	MRN050019	\$30,818,268	\$256,934,969
Marin	GGBHTD	Transit	Expansion	Larkspur Ferry Terminal Parking Garage	In Larkspur: At the Larkspur Ferry Terminal (LFT): Planning studies for a new three story parking structure	MRN130001	\$1,000,000	\$1,000,000
Marin	GGBHTD	Transit	Expansion	Golden Gate Ferry: New Vessel	GGBHTD: 1 vehicle: Purchase a new, 500-passenger, high-speed ferry vessel to continue to provide expanded commute service from Larkspur and Tiburon to San Francisco.	MRN190001		\$30,000,000
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	GGBHTD: Fixed Guideway Connectors	Golden Gate Ferry: Systemwide: Replace/rehab fixed guideway connectors such as floats, floating barges, ramps, and gangways	MRN030010		\$66,495,992
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	GGBHTD: Facilities Rehabilitation	GGBHTD: Systemwide: Rehabilitate agency's maintenance and operating facilities and replace heavy duty operating and maintenance equipment.	MRN050025		\$39,163,986
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	MS Sonoma Ferry Boat Refurbishment	GGBHTD: MS Sonoma: Refurbish 38-year old ferry vessel and lease replacement vessel to continue service while the vessel is in dry dock.	MRN150005		\$21,362,378
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	GGBHTD Ferry Major Components Rehab	GGBHTD: Systemwide: Ferry Rehab, replace major ferry components such as navigation systems, dry-dock, hull, interior, life saving equipment, propulsion and other ferry components.	MRN150014		\$21,175,546
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	GGBHTD Ferry Propulsion Systems Replacement	GGBHTD: Systemwide: Ferry propulsion systems- replacement of power distribution systems, propellers, engines, generators, gear boxes, etc. for Golden Gate Ferry vessels.	MRN150015		\$12,419,433
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	GGBHTD: Replace 67 Diesel Buses with Hybrid Buses	GGBHTD: Systemwide: Routine replacement of 67 standard diesel-powered revenue vehicles that have reached end of useful life with diesel-electric hybrid buses	MRN170008		\$65,573,025
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	GGBHTD: Replace Paratransit Vehicles	GGBHTD: Fleetwide: Replace paratransit vehicles	MRN170009		\$679,515
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	Replace 14 - 22' Gas Body-on-Chassis Vehicles	GGBHTD: 14 paratransit vehicles: Routine replacement of paratransit vehicles that have reached end of useful life	MRN170024		\$1,274,000
Marin	GGBHTD	Transit	Maintenance/Rehabilitation	GGBHTD: Ferry Channel & Berth Dredging	Golden Gate Ferry: From San Francisco to Marin County: Dredge ferry channel and berth.	MRN990017		\$26,144,027

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Marin	GGBHTD	Transit	Operations	GGBHTD: COVID-19 Emergency Transit Operations	GGBHTD: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	MRN190014	\$21,417,456	\$51,580,462
Marin	GGBHTD	Transit	System Management	GGBHTD - Transit Systems Enhancements	GGBHTD: Systemwide: systems, technology and communication enhancements to transit fleet and facilities.	MRN130015		\$2,924,214
Marin	GGBHTD	Transit	System Management	San Rafael Transit Center Relocation	In San Rafael: San Rafael Transit Center: Relocate the existing San Rafael Transit Center (SRTC) to accommodate the extension of SMART service to Larkspur	MRN170013		\$46,412,000
Marin	Larkspur	Public Lands/ Trails	Expansion	Old Redwood Highway Multi-Use Path	Larkspur: Along Old Redwood Highway from the Greenbrae Pedestrian Overcrossing up to the southern terminus of the pathway in state right-of way: Construct a multi-use pathway	MRN190011	\$1,270,000	\$1,400,000
Marin	Marin County	Local Road	Maintenance/ Rehabilitation	Mountain View Rd Bridge Replacement - 27C0154	Marin County: On Mountain View Rd. over San Geronimo Creek (Bridge No. 27C0154) near the intersection with Sir Francis Drake Blvd: Replace existing one-lane bridge with a new two-lane bridge. Toll	MRN110035	\$2,233,000	\$2,809,552
Marin	Marin County	Local Road	Maintenance/ Rehabilitation	Hicks Valley/MarshallPetaluma/Wilson Hill Rd Rehab	Marin County: Hicks Valley Rd from Point Reyes-Petaluma Rd to Marshall-Petaluma Rd, Wilson Hill Rd from Marshall-Petaluma Rd to Chileno Valley Rd, Marshall-Petaluma Rd from Hicks Valley Rd (milepost	MRN170027	\$3,545,000	\$3,845,000
Marin	Marin County	Local Road	System Management	Marin City Pedestrian Crossing Improvements	Marin County: In the Marin City area of unincorporated Marin County: Improve pedestrian accessibility and safety	MRN190015	\$340,000	\$340,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD Preventive Maintenance	Marin Transit: Systemwide: Bus Transit Preventative maintenance	MRN110040		\$411,843
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD: On Board Vehicle Equipment	MCTD: Farebox: Install fareboxes on 62 paratransit vehicles and Dial-A-Ride vehicles. Replace fareboxes on 18 fixed route vehicles	MRN150003		\$377,075
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD - Relocate Transit Maintenance Facility	In North Eastern Marin County: Relocate contractor maintenance facilities in a centralized location, including bus parking and three maintenance bays.	MRN150010		\$7,522,249
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD- Replace Shuttle Vehicles	MCTD: 12 shuttle buses: Purchase buses to replace ones that are beyond their useful life	MRN150011		\$1,562,150
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD - Replace 13 -40ft Buses	MCTD: 13 40ft vehicles: Replace vehicles that are beyond their useful life	MRN150012		\$9,634,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD - Emergency Radio System	MCTD: Fleetwide: Replace radio system on fixed route shuttles and rural service to meet emergency radio requirements.	MRN150013		\$348,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD: Replace Paratransit Vehicles	MCTD: 19 Paratransit Vehicles: Replace vehicles	MRN170003		\$1,739,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD: Replace Paratransit Vehicles with Vans	MCTD: 3 vehicles: Replace two Paratransit Vehicles with Vans and purchase a third vehicle as a non-revenue support vehicle	MRN170004		\$143,530
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD: Replace Rural Cutaway Vehicles	MCTD: Four (4) Rural Cutaway Vehicles: Purchase replacement vehicles	MRN170005		\$616,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD: Replace Articulated Vehicles	MCTD: System-wide: Replace Articulated Vehicles	MRN170006		\$12,768,002
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MCTD-Replace diesel vehicles	MCTD: 2- 2008 35ft diesel vehicles: Replace vehicles	MRN170007		\$850,000

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Marin	MCTD	Transit	Operations	Marin Transit Low Income Youth Pass Program	Marin Transit: Systemwide: Provide low-income youth free bus passes. Other local funds are made available for this project by applying STP/CMAQ funding available through the TPI program to	MRN110041		\$564,724
Marin	MCTD	Transit	Operations	MCTD: ADA Paratransit Assistance	MCTD: Systemwide: ADA Paratransit Assistance to transit agency.	MRN110047		\$7,387,791
Marin	MCTD	Transit	Operations	Marin Transit: COVID-19 Emergency Transit Ops	Marin Transit: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	MRN190013	\$4,737,498	\$10,176,307
Marin	MTC	Local Road	System Management	Regional Planning Activities and PPM - Marin	Marin: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	MRN170001	\$305,000	\$5,108,181
Marin	MTC	Tollway	Expansion	Richmond-San Rafael Bridge Access Improvements	In Contra Costa and Marin Counties: On I-580/Richmond-San Rafael Bridge: Convert existing shoulders to an automobile travel lane (EB) and a bike/ped path, construct bike/ped path in Contra Costa	MRN150009		\$89,284,000
Marin	Natl Park Svc	Public Lands/ Trails	Expansion	Fort Baker's Vista Point Trail	Golden Gate National Recreation Area: Between the Dana Bowers Vista Point Parking Area and both Fort Baker and Sausalito: Construct the Vista Point Trail, a new multi-use segment of the Bay Trail.	MRN170028	\$1,500,000	\$1,600,000
Marin	Novato	Local Road	Expansion	Novato Boulevard Widening, Diablo to Grant	Novato: Novato Blvd between Diablo and Grant Ave.: Improvements to roadway including including widening existing two/three lanes to four lanes and adding turn lanes, bike lanes, curbs, and sidewalks.	MRN070006		\$10,063,085
Marin	Novato	Local Road	Maintenance/ Rehabilitation	Vineyard Road Improvements	Novato: Vineyard Road from Wilson Avenue to Sutro Avenue: Perform pavement rehabilitation, install bicycle lanes, and property owner-funded frontage improvements	MRN150016		\$1,270,757
Marin	Novato	Local Road	Maintenance/ Rehabilitation	Novato-Measure A Group 10 Pavement Rehabilitation	In the City of Novato: Nave Dr from Alameda Del Prado to Bel Marin Keys Blvd and Bel Marin Keys Blvd from Nave Dr to Galli Dr: Pavement Rehabilitation	MRN170022		\$2,254,000
Marin	Novato	Local Road	Maintenance/ Rehabilitation	Novato Annual Pavement Rehabilitation	Novato: Various streets and roads: Rehabilitate pavement, upgrade pedestrian facilities to meet current accessibility requirements, include striping for Class 2 and Class 3 bicycle facilities. Project is phased.	MRN190002		\$1,767,000
Marin	Novato	Public Lands/ Trails	Expansion	Hill Recreation Area Improvements	Novato: At the Hill Recreation Area: Add a network of bicycle and pedestrian walkways and multi-purpose pathways to preserve and enhance an existing park to increase recreational opportunities	MRN170026		\$898,000
Marin	San Anselmo	Local Road	Expansion	San Anselmo - Center Blvd Bridge Replace (27C0079)	San Anselmo: Center Blvd Bridge over San Anselmo Creek, at Sycamore Ave: Replace existing 2 lane bridge with 3 lane bridge	MRN110032	\$5,333,800	\$6,203,000
Marin	San Anselmo	Local Road	Maintenance/ Rehabilitation	Sir Francis Drake Blvd Pavement Rehabilitation	In the Town of San Anselmo: On Sir Francis Drake Boulevard between Center Boulevard/Red Hill Avenue (The Hub) and Bolinas Avenue: Rehabilitate existing roadway pavements and install intersection	MRN170021	\$1,151,100	\$1,281,100
Marin	San Anselmo	Local Road	System Management	San Anselmo Bike Spine	San Anselmo: In the vicinity of St. Anselm School, Wade Thomas ES, Sir Francis Drake HS, and Brookside ES: Install shared lane markings, roadway striping, school bike route signs, crossing enhancements	MRN170020	\$257,500	\$303,900
Marin	San Anselmo	Public Lands/ Trails	Expansion	Sunny Hill Ridge and Red Hill Trails	In San Anselmo: Near Sunny Hill and Red Hill: Construct three miles of hiking trails	MRN130013		\$160,000
Marin	San Rafael	Local Road	Expansion	Grand Avenue Bicycle Pedestrian Improvements	San Rafael: Grand Ave accross the San Rafael Canal: Construct bridge and sidewalk improvements for bicyclists and pedestrians	MRN150008		\$2,913,003
Marin	San Rafael	Local Road	Expansion	Francisco Blvd West Multi-Use Pathway	San Rafael: On Francisco Blvd West between Second St. and Anderson Dr.: Construct a multi-use path.	MRN170016		\$6,231,675

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Marin	San Rafael	Local Road	System Management	San Rafael Transit Center Pedestrian Access Imps.	San Rafael: In the vicinity of the Bettini Transit Center and the future SMART station: Upgrade existing traffic signal equipment to be compliant with rail and improve pedestrian facilities	MRN130005		\$2,675,000
Marin	San Rafael	Local Road	System Management	Francisco Boulevard East Sidewalk Widening	In San Rafael: Francisco Blvd East and Grand Ave from Vivian St to Grand Avenue Bridge: Widen existing sidewalk and provide streetscape elements	MRN170012	\$2,100,000	\$7,512,000
Marin	Sausalito	Local Road	System Management	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	Sausalito: Highway 101 Off Ramp/Bridgeway/Gate 6 Intersection: Implement bicycle improvements	MRN110010		\$854,000
Marin	TAM	Local Road	Expansion	North-South Greenway Gap Closure	Marin County: Northern Segment: US101 off-ramp over Corte Madera Creek and along Old Redwood Highway to US101 overcrossing: widen to add bike/ped path. Southern Segment: From Northern	MRN170011		\$19,050,000
Marin	TAM	State Highway	Expansion	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	Marin and Sonoma Counties: From SR 37 in Novato to Old Redwood Highway in Petaluma; Convert expressway to freeway and widen to 6 lanes for HOV lanes.	MRN050034		\$353,219,000
Marin	Various	State Highway	System Management	GL: Marin County - TOS-Mobility	Marin County: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and 40 CFR Part 93.127 Table 3 categories	MRN170018		\$13,140,000
<b>Marin County</b>							<b>\$139,180,045</b>	<b>\$1,743,641,254</b>

**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Napa	American Canyon	Local Road	Expansion	Eucalyptus Drive Realignment Complete Streets	American Canyon: Eucalyptus Dr. from Theresa Rd to Hwy 29: Extend roadway and reconfigure intersection of Eucalyptus Dr and Hwy 29 and Eucalyptus Drive and Theresa Road. Create complete street	NAP110029	\$826,400	\$6,189,000
Napa	American Canyon	Local Road	Expansion	Devlin Road and Vine Trail Extension	American Canyon: Devlin Road from the southern terminus 2,500 feet south to Green Island Road: Construct roadway extension and Class I multipurpose path	NAP130006	\$4,151,000	\$7,568,000
Napa	American Canyon	Local Road	Expansion	Green Island Road Class I	American Canyon: Green Island Road in the Green Island Industrial District (GRID): Construct new Class 1 multi-use trail.	NAP170006	\$1,000,000	\$1,079,000
Napa	Calistoga	State Highway	System Management	SR 128 and Petrified Forest Intersection Imp	In Calistoga: On SR 128 and Petrified Forest Road, convert 4-way stop controlled intersection to a traffic signal.	NAP150001		\$701,000
Napa	MTC	Local Road	System Management	Regional Planning Activities and PPM - Napa	Napa: Countywide: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	NAP170001	\$206,000	\$4,848,181
Napa	MTC	Local Road	System Management	Napa Valley Forward: Traffic Calming & Multimodal	Napa: SR-29, Silverado Trail, Vine & local connections: PE & design for multimodal corridor and traffic calming improvements.	NAP190007	\$1,000,000	\$3,000,000
Napa	MTC	Transit	System Management	Napa Valley Forward	Napa County: SR 29 and Silverado Trail Corridor: Assist Napa Valley employees to try alternative options for their commutes to work.	NAP190004		\$1,100,000
Napa	Napa	Local Road	System Management	California Boulevard Roundabouts	City of Napa: At First Street/ California Blvd. and Second Street/ California Blvd: Construct roundabouts Caltrans: Construct roundabout at Northbound off-ramp of SR 29 and First Street	NAP110028		\$19,353,000
Napa	Napa	Public Lands/ Trails	Expansion	State Route 29 Bicycle & Pedestrian Undercrossing	Napa: On the North side of Napa Creek under Highway 29: Construct a Class 1 bicycle and pedestrian path	NAP130004	\$1,071,000	\$1,329,000
Napa	Napa	Public Lands/ Trails	Expansion	Vine Trail Gap Closure - Soscol Avenue Corridor	Napa: Between Third St and Vallejo St in Downtown Napa: Construct a Class I multi-use trail to close a gap in the Napa Valley Vine Trail	NAP170007		\$1,487,000
Napa	Napa	State Highway	System Management	Silverado Trail Five-Way Intersection Improvements	City of Napa: At the intersection of Silverado Trail, Third St, Coombsville Rd, and East Ave: Construct roundabout. Project will be constructed in phases.	NAP170009	\$5,810,000	\$11,991,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	Hardin Rd Bridge Replacement - 21C0058	Napa County: On Harding Rd at Maxwell Creek, 1.6M SE of Pope Cyn Rd: Replace existing one lane bridge with new 2-lane bridge to meet standards. Toll credits are used in lieu of match for all phases.	NAP110026	\$6,100,000	\$6,100,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	Loma Vista Dr Bridge Replacement - 21C0080	Napa County: Loma Vista Dr over Soda Creek, 1.4 miles north of Silverado Trail: replace existing one lane bridge with new two lane bridge to meet standards. Toll credits are used in lieu of match for all	NAP110027	\$6,100,000	\$6,100,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	Napa County: 2014 Earthquake Pavement Repair	In Napa County: On various federal-aid system roads: Repair pavement damage caused by 2014 earthquake.	NAP170002		\$1,228,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	Silverado Trail Phase L Rehab	Napa County: On Silverado Trail from Oak Knoll Ave to Hardman Ave: Rehabilitate existing asphalt concrete pavement, retain existing Class II bicycle lanes, replace existing rumble dots (audible pavement	NAP170008	\$2,485,000	\$2,699,000
Napa	NVTA	Local Road	Expansion	Napa Valley Vine Trail Design and Construction	Napa County: Various locations: Design and construction of individual segments of Vine Trail.	NAP110014		\$9,269,064
Napa	NVTA	Local Road	Expansion	Napa Valley Vine Trail Calistoga-St. Helena Seg.	In Napa County: From Calistoga to St. Helena: Construct multi-use trail	NAP150003	\$10,465,640	\$12,261,640
Napa	NVTA	Local Road	System Management	Napa County Safe Routes to Schools	Napa County: County-wide: Safe Routes to Schools Program, Non-Infrastructure	NAP170004		\$811,000

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Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Napa	NVTA	State Highway	Expansion	SR 12/29/221 Soscol Junction Interchange Imps.	In Napa County: At SR-221/SR-29 Soscol Ferry Road: Construct improvements	NAP090003	\$27,433,000	\$64,000,000
Napa	NVTA	Transit	Expansion	Park & Ride Lots in Napa County	Napa County: American Canyon, and Calistoga/St. Helena/Yountville: Construct Park and Ride Lots. Various existing Park and Ride Lots: Construct improvements	NAP050009		\$5,737,131
Napa	NVTA	Transit	Expansion	NVTA- Vine Transit Bus Maintenance Facility	Napa County: At an 8 acre site in south Napa County: Construct a new transit maintenance facility for Vine Transit operations	NAP170003	\$4,000,000	\$22,000,000
Napa	NVTA	Transit	Maintenance/ Rehabilitation	NVTA: Replace Rolling Stock	NVTA: Fleetwide: Replace rolling stock for fixed-route, paratransit, and community shuttle fleet.	NAP090005		\$17,820,340
Napa	NVTA	Transit	Maintenance/ Rehabilitation	NVTA Equipment Replacement and Upgrades	NVTA: Napa Vine service area: Replacement and upgrades to transit equipment	NAP090008		\$3,510,577
Napa	NVTA	Transit	Maintenance/ Rehabilitation	Imola Park & Ride and Express Bus Stop Improvement	Napa County: At park and ride at SR 29 and Imola Ave: Make improvements including in-line passenger loading and alighting at the Imola Ave on/off ramps, improved pedestrian facilities, and safety	NAP190006	\$1,793,231	\$2,754,136
Napa	NVTA	Transit	Operations	NVTA: ADA Operating Assistance	Napa: Systemwide: ADA operating assistance for paratransit service	NAP030004		\$983,587
Napa	NVTA	Transit	Operations	NVTA: COVID-19 Emergency Transit Operations	NVTA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	NAP190005	\$1,675,538	\$4,377,272
Napa	NVTA	Transit	Operations	Napa Vine Operating Assistance	Napa Vine: Systemwide: Operating assistance to support transit routes and services.	NAP970010		\$48,348,798
Napa	Saint Helena	State Highway	Maintenance/ Rehabilitation	Main Street St. Helena Pedestrian Improvements	Saint Helena: Along Main Street (SR29) from Mitchell Dr to Pine St: Replace and upgrade pedestrian facilities and install traffic calming devices	NAP170005	\$1,206,000	\$1,393,000
Napa	Yountville	Public Lands/ Trails	Expansion	Hopper Creek Pedestrian Bridge and Path Project	Yountville: Along Hopper Creek from Oak Circle Open Space to Mission St: Construct multi-use pathway and a pedestrian bridge across Hopper Creek	NAP130008		\$600,000
<b>Napa County</b>							<b>\$75,322,809</b>	<b>\$268,638,726</b>

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San Francisco	BART	Transit	Expansion	BART/MUNI Direct Connection Platform	BART/MUNI: Powell Street Station: Provide a direct connection between BART & MUNI.	SF-050014		\$3,000,000
San Francisco	BART	Transit	System Management	Embarcadero Stn: New North-Side Platform Elevator	San Francisco: Embarcadero BART: Procure and install a new elevator on the east end of the station, expand paid area to include the new elevator, dedicate existing elevator to Muni use 100%, project is	SF-170016		\$15,000,000
San Francisco	GGBHTD	Transit	System Management	GGBHTD: Replace 2 Paratransit Vehicles	GGBHTD: 2 Paratransit Vehicles: Purchase replacement vehicles	SF-170022		\$197,500
San Francisco	MTC	Local Road	System Management	Regional Planning Activities and PPM - SF County	San Francisco: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SF-170002	\$824,000	\$8,551,854
San Francisco	MTC	State Highway	System Management	Bay Bridge Forward-Sterling/Bryant St Managed Lane	Sterling/Bryant St. and Regionwide: Pilot Vehicle Occupancy Detection (VOD) technology and increased CHP enforcement at Sterling and other pilot sites, support planned HOV lanes to bridge; convert HOV	SF-170003		\$7,633,000
San Francisco	Port of SF	Local Road	Expansion	Pier 70 19th Street & Illinois Street Sidewalk	San Francisco: 19th St to 20th St (via Georgia St): Extend roadway and install bike/ped improvements.	SF-130021		\$2,825,000
San Francisco	Port of SF	Local Road	System Management	Cargo Way and Amador Street Improvements	In San Francisco: On Cargo Way from Jennings to 3rd Street and Amador Street from Illinois Street to 2,300 ft. east: design and construct a complete street project.	SF-170012	\$500,000	\$15,300,000
San Francisco	Port of SF	Transit	Expansion	Mission Bay Ferry Terminal	San Francisco: At the eastern terminus of 16th St: Construct new ferry landing to service San Francisco Mission Bay and Central Waterfront as a part of the Bay area ferry transit system. Project includes RTP-	SF-170001		\$56,000,000
San Francisco	SF County TA	Local Road	System Management	Treasure Island Congestion Pricing Program	San Francisco: Treasure Island: Implement Congestion Pricing Program. project is phased	SF-110049		\$12,754,835
San Francisco	SF County TA	Local Road	System Management	SF Downtown Congestion Pricing	San Francisco: In the downtown area: Implement a demonstration value pricing (tolls and incentives) program	SF-130017	\$1,880,000	\$126,000,000
San Francisco	SF County TA	Local Road	System Management	Quint-Jerrold Connector Road	San Francisco: From Oakdale Ave to Jerrold Ave: Provide an alternate access route between Oakdale and Jerrold Avenues and across the Caltrain tracks, to be coordinated with Caltrain's Quint Street Bridge	SF-150008	\$5,908,900	\$19,940,448
San Francisco	SF County TA	State Highway	Maintenance/ Rehabilitation	Yerba Buena Island (YBI) Ramp Improvements	San Francisco: Existing on and off ramps at the Yerba Buena Island (YBI) interchange at US I-80: Reconst ramps; On the west side of the Island: Rehabilitate existing deficient bridges.	SF-070027	\$128,157,243	\$370,858,645
San Francisco	SF County TA	State Highway	Maintenance/ Rehabilitation	US 101 Doyle Drive Availability Payments	San Francisco: US 101 (Doyle Drive) from Lombard Street/Richardson Avenue to Route 1 Interchange: Availability payments for roadway replacement/rehabilitation project SF-991030	SF-190011	\$84,800,000	\$1,115,070,000
San Francisco	SF County TA	State Highway	System Management	HOV/HOT Lanes on U.S.101 and I-280 in SF	San Francisco: On US 101 from SF/SM County line to I-280 interchange and on I-280 from US 101 interchange to 6th Street offramp: Convert an existing mixed traffic lane and/or shoulder/excess ROW in	SF-130008		\$42,900,000
San Francisco	SF County TA	Transit	Expansion	Oakdale Caltrain Station	San Francisco: Oakdale near Palou: Planning, preliminary engineering, and environmental work for a new Caltrain station and transit service adjustments to serve station.	SF-090011		\$800,000
San Francisco	SF County TA	Transit	Expansion	Construct Treasure Island Bus Terminal Facility	San Francisco: Treasure Island: Construct Treasure Island Bus Terminal Facility	SF-130010		\$2,790,000
San Francisco	SF County TA	Transit	System Management	Treasure Island Pricing Mobility Improvements	San Francisco: On Treasure Island: Pricing Program Mobility Improvements including Transit Capital and maintenance improvements. The project is phased	SF-130005		\$19,168,990

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San Francisco	SF DPW	Local Road	Expansion	Harney Way Roadway Widening	San Francisco: Harney Way from US 101 to Jamestown: Improvements including right-of-way engineering, land acquisition for future widening of roadway, design, landscaping and sidewalk improvements,	SF-090004		\$27,500,000
San Francisco	SF DPW	Local Road	Expansion	Hunters Pt Shipyard and Candlestick Pt Local Roads	In San Francisco: Hunters Point Shipyard and Candlestick Point: Implement new local streets to support multi-modal mixed use development. The project is phased.	SF-110006		\$421,100,000
San Francisco	SF DPW	Local Road	Expansion	HOPE SF Street Network - Sunnysdale and Potrero	San Francisco: Sunnysdale and Potrero neighborhoods: Construct new and realigned street networks throughout the two remaining HOPE SF sites, including traffic calming pedestrian and bike network, and	SF-170013		\$34,000,000
San Francisco	SF DPW	Local Road	Maintenance/ Rehabilitation	Great Highway Restoration	San Francisco: Great Highway From Sloat to Skyline Hwy: Ph 1. Restore and stabilize roadway, stop bluff slides, and protect infrastructure. Phase 2. Implement road diet by closing remaining SB	SF-110005	\$204,513	\$4,348,108
San Francisco	SF DPW	Local Road	System Management	SF- Better Market Street Transportation Elements	In San Francisco: Market St from Steuart St to Octavia Blvd: improve roadway, including resurfacing, sidewalk and transit boarding improvements, transit connections, traffic signals, transportation	SF-130001	\$5,937,000	\$415,000,000
San Francisco	SF DPW	Local Road	System Management	SF- Second Street Complete Streets and Road Diet	In San Francisco: On Second Street between Market and King; Design and construct a complete streets project including the removal of a vehicular travel lane from Market to Townsend	SF-130011		\$20,495,291
San Francisco	SF DPW	Local Road	System Management	John Yehall Chin Safe Routes to School	In San Francisco: 5 intersections near 350 Broadway Street: Construct curb extensions. □	SF-150001		\$5,261,433
San Francisco	SF DPW	Local Road	System Management	Alemanly Interchange Improvements, Phase 2	San Francisco: On Alemanly Blvd at the intersection of San Bruno Ave to Peralta Ave: Construct a multi-use path, new traffic signals, and crosswalks.	SF-190010	\$2,227,000	\$2,427,000
San Francisco	SFMTA	Local Road	Expansion	SF - Powell Street Safety Improvement	San Francisco: Powell Street from Ellis to Post: Improve pedestrian safety and reduce sidewalk crowding to encourage more people to walk, especially to jobs.	SF-170014	\$14,682,540	\$17,722,540
San Francisco	SFMTA	Local Road	System Management	6th Street Pedestrian Safety Improvements	San Francisco: On 6th St between Market St and Harrison St: Implement pedestrian safety improvements in the corridor including removing one lane of vehicle travel. Project is phased	SF-190005	\$10,000,000	\$23,761,000
San Francisco	SFMTA	Transit	Expansion	SF Muni Third St LRT Phase 2 - New Central Subway	San Francisco: North-south alignment under 4th St. to Market, then under Geary to Stockton & under Stockton to Clay St; Extend the Light Rail line project includes procurement of four LRVs.	SF-010037		\$1,578,000,000
San Francisco	SFMTA	Transit	Expansion	Historic Streetcar Extension to Fort Mason	San Francisco: From Fisherman's Wharf through National Park Service lands in Aquatic Park to Fort Mason: Extend the E-line or the current F-line service.	SF-070003		\$68,886,966
San Francisco	SFMTA	Transit	Expansion	Geary Bus Rapid Transit	San Francisco: Along the Geary corridor between 34th Avenue and Market Street: Design and implement transit performance and safety improvements	SF-070004	\$9,488,648	\$300,000,000
San Francisco	SFMTA	Transit	Expansion	Van Ness Avenue Bus Rapid Transit	San Francisco: On Van Ness Avenue from Mission to Lombard: Design and implement a BRT project. Project is phased. Project also references RTP IDs 240745 and 240471	SF-070005		\$208,285,132
San Francisco	SFMTA	Transit	Expansion	Light Rail Vehicle Procurement	SFMTA: Fleet-wide: Procure 219 light rail vehicles with an option for an additional 45 vehicles to replace existing fleet and expand service	SF-090012	\$33,679,409	\$1,126,960,331



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San Francisco	SFMTA	Transit	Expansion	Transit Center in Hunters Point	Muni:Transit Center in Hunters Point; Construct 10 bays, Low-level platform, Operator restroom, bus shelters,Electrical ductbank for MUNI power,etc	SF-090016		\$22,000,000
San Francisco	SFMTA	Transit	Expansion	Geneva Harney BRT Infrastructure: Central Segment	SFMTA: From Executive Park/Harney Way under US 101 to SF/Daly City line on Geneva Avenue: Construct bus rapid transit facilities	SF-090020		\$40,054,000
San Francisco	SFMTA	Transit	Expansion	Geneva Harney BRT Infrastructure - Eastern Segment	SFMTA: Bayview and Hunters Point: from Executive Park/Harney Way to Hunters Point Transit Center via Candlestick/Hunters Pt. Shipyard development: Construct extension of Geneva Harney BRT	SF-090023	\$21,205,000	\$98,115,000
San Francisco	SFMTA	Transit	Expansion	SFMTA Zero Emission Bus Procurement	SFMTA: Fleet: Procure and deploy battery-electric buses into revenue service.	SF-190013	\$18,402,189	\$23,225,000
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: Wayside Fare Collection Equipment	SFMTA: Systemwide: Replacement of life-expired fare collection equipment.	SF-030013		\$43,878,241
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA:Train Control & Trolley Signal Rehab/Replace	SFMTA: Systemwide: Rehabilitate or replace elements of the ATCS Wayside/Central Train Control & Rail/Bus Signal Systems.	SF-050024	\$41,099,417	\$209,676,481
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: Paratransit Vehicle Replacements	SFMTA: Paratransit service across San Francisco: preserve service and replace 84 paratransit vehicles	SF-090035		\$14,653,314
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA - Replacement of 40' Motor Coaches	SFMTA: 40' Neoplan Buses: Replace 40' Neoplan Buses originally in service in 2002 with (85) 40'hybrid buses.	SF-150005		\$159,289,355
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA Replacement of 60' Motor Coaches	SFMTA: 60' Neoplan Buses: Replace 98 60' Neoplan Buses diesel buses originally in service in 2002 with 98 60' hybrid buses.	SF-150006		\$191,197,671
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: Replacement of 40' Trolley Coaches	SFMTA: Systemwide: Purchase 40' replacement trolley coaches for the existing aging coaches.	SF-170004		\$249,813,191
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: Replace 35 Paratransit Cutaway Vans	SFMTA: 35 vehicles: Replace 35 paratransit cutaway vans	SF-170008		\$4,012,037
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: 60' Motor Coach Mid-Life Overhaul	SFMTA: Existing 60' New Flyer motor coaches: Mid-life overhaul	SF-170018	\$5,579,079	\$32,370,726
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: Replacement of 30' Motor Coaches	SFMTA: Fleetwide: Replace the Orion 30' renewable diesel electric hybrid vehicles that were procured in year 2007.	SF-170020	\$15,795,648	\$42,813,716
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: Rehab Historic Streetcars	SFMTA: Fleet of historic streetcars: Rehabilitate vehicles	SF-170021	\$4,589,222	\$28,648,723
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	Woods Bus Facility Modernization	San Francisco: Woods Bus Facility: Modernize and upgrade a 43-year old facility that houses and maintains vehicles.	SF-190001		\$5,500,000
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	L-Taraval - SGR Project Elements	SFMTA: Along L Taraval Line from near West Portal to La Playa: Replace track and related way infrastructure	SF-190002	\$26,000,000	\$31,087,500
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	Muni Metro East Facility - Boiler Replacement	SFMTA: At the Muni Metro East Facility: Replace the boiler and air-conditioning units	SF-190003		\$6,440,944
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA-Facilities Condition Assessment Repairs	SFMTA: Facilities Systemwide: Implement Facilities Deferred Maintenance Program repairs to address backlogged State of Good Repair investments	SF-190004	\$4,346,868	\$23,597,031
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SF Muni Rail Replacement Program	SFMTA: Systemwide: Phased design and replacement of trackway, rail replacement, grinding, ultrasonic testing, track fastener, special trackwork, and related systems serving light rail and cable car lines.	SF-95037B	\$21,935,328	\$290,456,438
San Francisco	SFMTA	Transit	Maintenance/Rehabilitation	SFMTA: Cable Car Vehicle Renovation Program	SFMTA: Cable car fleet: Overhaul and reconstruct the cable car fleet to maintain system reliability and productivity. Project is phased.	SF-970073	\$320,000	\$30,260,341

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San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SFMTA: Overhead Line Recon. & Traction Power Prog	SFMTA: Systemwide: Improve Trolley Poles, Overhead Contact System, Rail Traction Power that provides power to Muni, based on evaluation of the Muni Track and Traction Power Condition Assessment,	SF-970170	\$9,421,102	\$218,426,083
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	Cable Car Traction Power & Guideway Rehab	SFMTA: Cable Car System: Traction power and guideway rehab-repair various guideway, track curves, frogs, sheaves, replace Barn 12KV, switchgear, DC Motor, mechanical and infrastructure to improve the	SF-99T002	\$8,777,828	\$100,640,727
San Francisco	SFMTA	Transit	Operations	SFMTA: COVID-19 Emergency Transit Operations	SFMTA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	SF-190007	\$176,592,087	\$373,782,759
San Francisco	SFMTA	Transit	Operations	SFMTA: ADA Paratransit Operating Support	Muni: ADA Paratransit Operating Subsidy.; provides funding for increased van/taxi services to people with disabilities who are prevented from using Muni's fixed route services.	SF-990022		\$238,337,662
San Francisco	SFMTA	Transit	System Management	SFMTA: Station-area Ped and Bike Access Improvemnt	SFMTA: Citywide: Reconfigure station areas to provide pedestrians and bicyclists more space to improve access	SF-170006		\$1,562,500
San Francisco	SFMTA	Transit	System Management	SFMTA - Core Capacity Program	SFMTA: Along the J and M-Line Corridors: Implement high priority route improvements from the Muni Forward Program	SF-190012	\$14,184,000	\$57,690,000
San Francisco	TBJPA	Transit	Expansion	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	San Francisco: From Fourth/Townsend to new Transit Center: Extend Caltrain commuter rail service	SF-050002	\$103,287,516	\$4,250,000,000
San Francisco	TBJPA	Transit	Operations	TJPA: COVID-19 Emergency Transit Operations	TJPA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	SF-190009	\$583,287	\$583,287
San Francisco	TIMMA	Transit	Expansion	Treasure Island Ferry Terminal Landside Imprvmnts	San Francisco: On Treasure Island at the new Treasure Island Intermodal Terminal: Construct land-side improvements	SF-190006	\$4,220,455	\$4,331,010
San Francisco	WETA	Transit	Expansion	WETA: Electric Vessels and Related Infrastructure	WETA: Fleetwide: Support the purchase/construction of all-electric vessels and related charging infrastructure.	SF-190008		\$9,060,000
San Francisco	WETA	Transit	Maintenance/ Rehabilitation	WETA: Replace Ferry Vessels	WETA: All existing ferry vessels for WETA: Replace vessels when they reach the end of their useful life of 25 years	SF-110053	\$1,396,683	\$92,989,088
<b>San Francisco County</b>							<b>\$776,024,962</b>	<b>\$12,967,030,898</b>

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San Mateo	Atherton	Local Road	Maintenance/ Rehabilitation	Atherton Street Preservation	Atherton: Various streets and roads: Pavement preservation	SM-190008	\$351,000	\$386,000
San Mateo	BART	Transit	Maintenance/ Rehabilitation	BART: Preventive Maintenance	BART: Systemwide: Preventive Maintenance	SM-050005		\$46,655,430
San Mateo	BART	Transit	System Management	Daly City BART Station Intermodal Improvements	Daly City: At Daly City BART Station: Improve transit operations; pedestrian & bicycle access; and safety & patron experience	SM-130029		\$1,100,000
San Mateo	Belmont	Local Road	Maintenance/ Rehabilitation	Belmont Pavement Preservation	Belmont: Various streets and roads: Pavement preservation	SM-170043	\$547,000	\$600,000
San Mateo	Belmont	Local Road	System Management	Ralston Avenue Corridor Bike-Ped Imps	Belmont: Ralston Ave from South Rd to Alameda de las Pulgas: Bicycle, pedestrian and pavement improvements. The pavement work is not federally participating.	SM-170042	\$1,600,000	\$1,800,000
San Mateo	Brisbane	Public Lands/ Trails	Maintenance/ Rehabilitation	Crocker Trail Commuter Connectivity Upgrades	Brisbane: On Crocker Trail bounded by Bayshore Blvd, S Hill Dr, W Hill Dr and Mission Blue Dr: Resurface trail	SM-170041	\$1,150,000	\$1,150,000
San Mateo	Brisbane	State Highway	System Management	US 101/Candlestick I/C Reconfiguration	In San Mateo County: U.S. 101/Candlestick Point Interchange: Planning and environmental studies for interchange reconfiguration to allow for safer and better flow of traffic	SM-090004	\$1,500,000	\$25,000,000
San Mateo	Burlingame	Local Road	Maintenance/ Rehabilitation	Burlingame: Broadway PDA Lighting Improvements	Burlingame: Along the Broadway corridor within the business district: Replace aging pedestrian street lighting with new, safer, brighter lighting	SM-170020		\$900,000
San Mateo	Burlingame	Local Road	Maintenance/ Rehabilitation	Burlingame Street Resurfacing	Burlingame: Various streets and roads: Roadway resurfacing	SM-170021		\$1,371,000
San Mateo	Burlingame	Local Road	System Management	Hoover School Area Sidewalk Impvts (Summit Dr.)	Burlingame: Summit Dr from Hillside Circle to Easton Dr and immediately adjacent to the new Hoover Elementary School: Construct sidewalk and bicycle improvements	SM-170015	\$865,000	\$898,000
San Mateo	Caltrain	Transit	Expansion	Peninsula Corridor Electrification Expansion	Caltrain: Electric Multiple Unit (EMU) fleet: Expand fleet through procurement of an additional 40 vehicles.	SM-190002	\$41,340,000	\$203,638,000
San Mateo	Caltrain	Transit	Maintenance/ Rehabilitation	Caltrain: Systemwide Track Rehab & Related Struct.	Caltrain: Systemwide: Rehabilitate and replace existing track, track structures and related civil infrastructure	SM-03006B		\$194,055,258
San Mateo	Caltrain	Transit	Maintenance/ Rehabilitation	South San Francisco Caltrain Station Improvements	South San Francisco: SSF Caltrain Station: Demolish and reconstruct the existing station with a new ADA compliant station that meets current Caltrain standards	SM-170005		\$55,000,000
San Mateo	Caltrain	Transit	Maintenance/ Rehabilitation	Caltrain TVM Rehab and Clipper Functionality	Caltrain: Systemwide: 45 existing TVM machines: Refurbish and incorporate Clipper functionality.	SM-170010		\$2,842,006
San Mateo	Caltrain	Transit	Operations	Caltrain: COVID-19 Emergency Transit Operations	Caltrain: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	SM-190011	\$15,344,609	\$64,637,334
San Mateo	Caltrain	Transit	System Management	Caltrain Electrification	Caltrain: From San Francisco to Gilroy: Electrification of the caltrain corridor from San Francisco to Tamien, including catenary poles, wires, power supply, track and signals, and Electric Multiple Units	SF-010028	\$217,554,259	\$1,980,252,531
San Mateo	CCAG	Local Road	System Management	SM Countywide ITS Improvements - SSF Segment	San Mateo County: County-wide: ITS improvements at various locations in San Mateo County.	SM-070002	\$7,560,000	\$8,020,000
San Mateo	CCAG	Local Road	System Management	ITS Improvements in San Mateo County Northern Citi	San Mateo County: Along the US 101 corridor from Smart Corridors Ph 1 limits to the SF County line, and on I-280 from I-380 to the San Francisco County Line: Implement ITS Improvements in San Mateo	SM-170046	\$10,334,000	\$10,957,000

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San Mateo	CCAG	State Highway	Expansion	US101 Managed Lanes: Santa Clara Co-S of Grand Ave	San Mateo County: On US101 from 2 mi. S. of the Santa Clara County Line to 0.3 mi. S. of Grand Ave I/C: Install Express Lanes. Use existing aux lanes where possible and add aux lanes where needed for	SM-150017	\$17,500,000	\$514,829,699
San Mateo	CCAG	State Highway	Expansion	US-101 Managed Lanes North of I-380	San Mateo County: On US-101 from I-380 to logical termini near SF/SM County line: Install managed lane in each direction. SMCTA is co-sponsoring the project.	SM-190009	\$14,177,000	\$142,177,000
San Mateo	CCAG	State Highway	System Management	Improve US 101 operations near Rte 92	City of San Mateo: On US 101 near Route 92: Operational improvements. SMCTA is the co-sponsor for this project.	SM-090014	\$3,217,000	\$27,269,000
San Mateo	Colma	Local Road	System Management	Colma - Mission Road Bike/Ped Improvements	Colma: Mission Rd between El Camino Real and Lawndale Blvd: Implement safety related improvements for pedestrians, bicyclists and vehicles	SM-170022		\$2,650,000
San Mateo	Daly City	Local Road	Expansion	Daly City Central Corridor Bike/Ped Safety Imprmnt	In Daly City: On Junipero Serra Blvd and Eastmoor Ave/San Pedro Rd/E Market St/Guad Cyn Pkwy: Install bike and ped improvements; In Daly City/Uninc San Mateo County: On west side of Mission St/El	SM-150012		\$2,669,000
San Mateo	Daly City	Local Road	Maintenance/Rehabilitation	Daly City Street Resurfacing and Slurry Seal	Daly City: Various streets and roads: Pavement preservation	SM-170023		\$1,480,000
San Mateo	East Palo Alto	Local Road	Maintenance/Rehabilitation	East Palo Alto Citywide Street Resurfacing	East Palo Alto: Various streets and roads: Rehabilitate roadway	SM-170024		\$894,000
San Mateo	East Palo Alto	Local Road	System Management	US 101 University Ave Interchange Improvements	E. Palo Alto: On University Ave across US 101 btw Woodland Ave and Donahoe St: Construct Bike Lane, modify NB and SB off-ramps and intersections with overcrossing with no new lanes for off-ramps. HPP	SM-070006		\$7,007,000
San Mateo	Half Moon Bay	Local Road	System Management	Half Moon Bay - Poplar Complete Streets	Half Moon Bay: On Poplar St from Main St to Railroad Ave: Implement complete street improvements	SM-170013	\$1,202,000	\$1,358,000
San Mateo	Half Moon Bay	State Highway	Expansion	Route 1 improvements in Half Moon Bay	Half Moon Bay: On SR-1: Improve safety, including adding protected turn lanes, adding through lanes, and new ped/bike path; SR-1 from N. Main to Kehoe: Extend four lane configuration; Frontage Rd and	SM-090015	\$6,400,000	\$10,150,000
San Mateo	Hillsborough	Local Road	Maintenance/Rehabilitation	Hillsborough Street Resurfacing	Hillsborough: Various roadways: Resurfacing and preventative maintenance	SM-170026	\$993,000	\$1,075,000
San Mateo	Menlo Park	Local Road	Maintenance/Rehabilitation	Menlo Park-Santa Cruz Avenue & Middle Avenue Rehab	Menlo Park: Santa Cruz Ave between Olive St and Orange Ave and Middle Ave between Olive St and San Mateo Dr: Pavement Rehabilitation and installation of rectangular rapid flashing beacon	SM-170027		\$2,164,100
San Mateo	Millbrae	Local Road	Expansion	Widen Millbrae Avenue	Millbrae: Millbrae Avenue between Rollins Road and US101 Southbound On Ramp: Widen roadway and resurface the intersection of Millbrae Avenue and Rollins Road.	SM-210001	\$550,000	\$11,550,000
San Mateo	Millbrae	Local Road	Maintenance/Rehabilitation	Millbrae Street Rehabilitation	Millbrae: Various streets and roads: Pavement rehabilitation	SM-170028		\$859,000
San Mateo	MTC	Local Road	System Management	Regional Planning Activities and PPM - San Mateo	San Mateo: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SM-170002	\$833,000	\$8,001,181
San Mateo	MTC	State Highway	System Management	FPP: US 101 Adaptive Ramp Metering	San Mateo & Santa Clara Counties: US 101 from SR 85 in San Jose to San Mateo/San Francisco County Line: Upgrade existing freeway ramp meters to adaptive ramp meters to smooth traffic flow onto	SM-190004		\$3,300,000
San Mateo	Pacifica	Local Road	Expansion	Manor Drive Overcrossing and Milagra On Ramp	In Pacifica: Hwy 1 and Manor Drive I/C: Widen the existing overcrossing; Hwy 1 and Milagra: Construct a new on-ramp; Both intersections: install signals	SM-170004		\$20,275,000

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San Mateo	Pacifica	Local Road	Expansion	Pacifica - Palmetto Sidewalk Extension	Pacifica: Along the coastal west side of Palmetto Ave from Westline Dr. to 1,400 feet south: Construct new concrete sidewalk.	SM-170029		\$413,000
San Mateo	Portola Valley	Local Road	Maintenance/Rehabilitation	Portola Valley Street Preservation	Portola Valley: Various streets and roads: Pavement preservation	SM-170044	\$201,000	\$228,000
San Mateo	Redwood City	Local Road	Expansion	Blomquist Street Extension	Redwood City: On Blomquist Street from Maple Street to Bair Island Road: Extend roadway across Redwood Creek.	SM-090007	\$1,600,000	\$22,400,000
San Mateo	Redwood City	Local Road	Expansion	US 101/Woodside Road Class 1 Bikeway	Redwood City: East of Union Pacific Railroad between the intersections of Chestnut St/Veterans Blvd and Blomquist St/Seaport Blvd: Construct approximately 1,800 linear feet of new Class 1 path	SM-170045	\$1,071,000	\$1,232,000
San Mateo	Redwood City	Local Road	Maintenance/Rehabilitation	Redwood City Pavement Preservation	Redwood City: Twin Dolphin Parkway from Marine Parkway to Redwood Shores Parkway: Pavement preservation	SM-170032		\$1,562,000
San Mateo	Redwood City	State Highway	Expansion	US 101 / Woodside Interchange Improvement	Redwood City: US101/Woodside Rd Interchange: Reconstruct and reconfigure interchange including direct-connect flyover ramp to Veterans Blvd; Seaport Blvd and SR84 from US101/SR84 separation to	SM-050027	\$28,000,000	\$171,000,000
San Mateo	Redwood City	Transit	Expansion	Redwood City Ferry Service	SF Bay Area: Between Redwood City and San Francisco: Environmental clearance and design of ferry transit service	SM-110002	\$560,000	\$3,032,000
San Mateo	SamTrans	Transit	Expansion	SamTrans Express Bus Service	San Mateo, San Francisco and Santa Clara Counties: On the US-101 Corridor: Implement a network of four express bus routes	SM-190003		\$36,502,574
San Mateo	SamTrans	Transit	Maintenance/Rehabilitation	SAMTRANS: Preventive Maintenance	SamTrans: Fleetwide: Preventative maintenance program	SM-030023		\$56,010,856
San Mateo	SamTrans	Transit	Maintenance/Rehabilitation	SAMTRANS Facility/Equipment Rehab/Replacement	SAMTRANS: Systemwide: Operating/maintenance facility/equip rehab/replacement, including the provision of facility improvements for admin, maintenance, and operations at the Central Administrative	SM-070049		\$1,752,780
San Mateo	SamTrans	Transit	Maintenance/Rehabilitation	SamTrans - Replacement of Cutaway Buses	SamTrans: Readi-Wheels Paratransit service: Purchase replacement cutaway buses	SM-150010		\$2,816,925
San Mateo	SamTrans	Transit	Maintenance/Rehabilitation	SamTrans - Purchase of Replacement Minivans	SamTrans: Purchase ten new replacement minivans used for ADA Paratransit service	SM-150011		\$1,284,900
San Mateo	SamTrans	Transit	Operations	SamTrans: COVID-19 Emergency Transit Operations	SamTrans: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	SM-190010	\$17,361,063	\$45,880,100
San Mateo	SamTrans	Transit	Operations	SAMTRANS: ADA Paratransit Operating Subsidy	SamTrans: Systemwide: ADA Paratransit Operating Subsidy.	SM-990026		\$19,741,152
San Mateo	SamTrans	Transit	System Management	El Camino Real Traffic Signal Priority Project	San Mateo County: On El Camino Real (State Route 82) from the Palo Alto Caltrain Station to the Daly City BART Station: Install Traffic Signal Priority system	SM-170008		\$3,907,151
San Mateo	San Bruno	Local Road	Maintenance/Rehabilitation	Huntington/San Antonio Street Rehabilitation	San Bruno: Huntington Ave between San Mateo Ave and San Felipe Ave, and San Antonio Ave between San Felipe Ave and Santa Inez Ave: pavement rehabilitation and preventive maintenance	SM-170033	\$400,000	\$1,930,000
San Mateo	San Bruno	Local Road	System Management	Huntington Transit Corridor Bike/Ped Improvements	San Bruno: On Huntington Ave from San Bruno Ave to the entrance of the Centennial Way Trail: Implement pavement preservation and bike/ped facilities including converting the rightmost lane on	SM-170017	\$1,002,000	\$1,157,000
San Mateo	San Carlos	Local Road	Expansion	Brittan Ave. Widening	San Carlos: At the intersection of Brittan and Industrial Road: Widen to accommodate three new left turn pockets	SM-190001		\$4,950,000

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San Mateo	San Carlos	Local Road	Maintenance/Rehabilitation	Cedar and Brittan Ave Pavement Rehab	San Carlos: On Cedar Street, between San Carlos Avenue and the City of Belmont, and Brittan Avenue, between Elm Street and El Camino Real: Rehabilitate pavement and install ADA compliant facilities	SM-170035		\$650,000
San Mateo	San Carlos	Local Road	System Management	Ped Enhancements Arroyo/Cedar & Hemlock/Orange	San Carlos: At the intersections of Arroyo Ave and Cedar St and Hemlock St and Orange Ave and the Postman Walkway: Implement safety improvements	SM-170034		\$730,000
San Mateo	San Carlos	State Highway	System Management	US101/Holly St I/C Mod and Bike/Ped Overcrossing	San Carlos: At Holly St/ US-101 Interchange: Widen east bound to north bound ramp to two lanes and eliminate north bound to west bound loop and construct a grade-separated multipurpose path that	SM-090008	\$27,320,000	\$40,120,000
San Mateo	San Mateo	Local Road	Maintenance/Rehabilitation	San Mateo Street Rehabilitation	San Mateo: Various streets and roads: Resurface and/or rehabilitate the roadway, implement bicycle elements and upgrade ADA ramps	SM-170040	\$1,593,000	\$1,800,000
San Mateo	San Mateo	Local Road	System Management	North San Mateo Drive Sustainable Streets	San Mateo: on San Mateo Dr from Peninsula Ave to Baldwin Ave: Install Class II bike lanes, curb extensions, enhanced striping & signage, upgraded traffic signals with ped countdown, ped scale lighting,	SM-170038		\$3,963,600
San Mateo	San Mateo	Local Road	System Management	Laurie Meadows Ped/Bike Safety Improvements	San Mateo: Various locations in the Laurie Meadows neighborhood: Implement bike/ped safety improvements; On Laurie Meadows Dr from near Pacific Blvd to Woodbridge Circle: Implement road diet	SM-170039	\$987,000	\$1,115,000
San Mateo	San Mateo	Public Lands/ Trails	Expansion	East Hillsdale Boulevard Ped/Bike Overcrossing	City of San Mateo: Over US 101 at the US 101/Hillsdale Boulevard Interchange: Construct pedestrian and bicycle overcrossing	SM-170006		\$30,850,000
San Mateo	San Mateo	State Highway	Expansion	US 101/Peninsula Avenue Interchange Improvements	San Mateo: US-101 at Peninsula Ave and East Poplar Ave: Convert a partial interchange to a full interchange by adding new southbound on- and off-ramps and closing the southbound on- and off-ramps	SM-170011		\$117,700,000
San Mateo	San Mateo	State Highway	System Management	SR92/El Camino Real (SR82) Ramp Modifications	San Mateo: At the SR92/El Camino Real (SR82) interchange: Modify existing on/off rampsto improve the ingress and egress of the interchange.	SM-110047	\$217,000	\$27,759,425
San Mateo	San Mateo Co	Local Road	Maintenance/Rehabilitation	San Mateo Countywide Pavement Maintenance	San Mateo County: Various streets and roads county-wide: Pavement maintenance	SM-170014	\$1,091,000	\$1,212,000
San Mateo	San Mateo Co	Public Lands/ Trails	Expansion	Midcoast Multi-Modal Trail	San Mateo County: On Highway 1 from Mirada Road in Miramar to Coronado Street in El Granada: Construct 4,537 feet of multi-use trail.	SM-130032		\$4,514,000
San Mateo	San Mateo Co	State Highway	System Management	Hwy 1 Congestion & Safety Improvements	San Mateo County: Highway 1 between Pacifica in the north and Half Moon Bay in the south: Install raised medians, left turn lanes, acceleration lanes, and pedestrian crossings.	SM-170001	\$850,000	\$7,200,000
San Mateo	SF City/County	Public Lands/ Trails	Expansion	Southern Skyline Blvd. Ridge Trail Extension	San Mateo County: On the east side of SR-35 "Upper Skyline Blvd" between the intersection of Hwy 92 and Hwy 35 southward approximately 6 miles to the SFPUC Peninsula Watershed: Construct Southern	SM-130031	\$3,000,000	\$14,700,000
San Mateo	SMCTA	State Highway	Expansion	US 101 Aux lanes from Sierra Point to SF Co. Line	San Mateo County: On US 101 from Sierra Point to SF County Line; Construct auxiliary lanes or managed lanes. Project also references RTP ID 240060 for managed lanes	SM-090009		\$74,800,000
San Mateo	SSF	Local Road	Maintenance/Rehabilitation	SSF Pavement Rehabilitation	South San Francisco: Various locations: Pavement Rehabilitation	SM-170036		\$1,161,000
San Mateo	SSF	Local Road	System Management	SSF Linden/Spruce Ave Traffic Calming Improvements	South San Francisco: On Linden Avenue from California Ave to Miller Avenue and on Spruce Ave from Maple Ave to Lux Ave: install pedestrian/bicycling safety improvements including a class 3 bikeway.	SM-150015		\$1,038,000

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San Mateo	SSF	State Highway	Expansion	US 101/Produce Avenue New Interchange	South San Francisco: On US Highway 101 from Utah Avenue on the east side to the vicinity of Produce Avenue on the west side: Construct a local interchange	SM-110003	\$6,300,000	\$136,490,000
San Mateo	SSF	State Highway	System Management	SSF Grand Boulevard Complete Streets (Phase III)	South San Francisco: El Camino Real from Arroyo Dr to Kaiser Way: Implement Grand Boulevard Complete Streets improvements	SM-170016	\$1,125,000	\$1,275,000
San Mateo	Woodside	Local Road	Maintenance/Rehabilitation	Road Rehabilitation - Town of Woodside	Woodside: Various Streets and Roads: Pavement Resurfacing	SM-170037		\$575,000
<b>San Mateo County</b>							<b>\$435,695,931</b>	<b>\$4,200,424,002</b>

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Santa Clara	Caltrans	State Highway	Maintenance/ Rehabilitation	SCL-SM I-280 Pavement Preserv. and HOV Extension	Santa Clara and San Mateo Counties: On I-280 from Foothill Blvd (Santa Clara County PM 11.5) to 0.5 mile north of Sand Hill (San Mateo County PM 2.1): Pavement rehab; On SB I-280 from near Magdalena	SCL190034		\$59,470,000
Santa Clara	Campbell	Local Road	System Management	Harriet Avenue Sidewalk Improvements	Campbell: On Harriet Avenue between Westmont Avenue and Van Dusen Lane: Install sidewalk, curb, gutter, ADA compliant curb ramps, and bicycle shared lane markings (sharrows)	SCL190042	\$1,355,000	\$1,355,000
Santa Clara	Campbell	State Highway	System Management	SR 17 Southbound/Hamilton Ave. Off-Ramp Widening	Campbell: Southbound Route 17 at Hamilton Ave: Widen off-ramp to improve operations	SCL210003	\$507,000	\$1,507,000
Santa Clara	Cupertino	Local Road	System Management	McClellan Road Separated Bikeways (Phase 3)	Cupertino: McClellan Rd from De Anza Blvd to Byrne Ave and Pacifica Drive from De Anza Blvd to Torre Ave: Implement separated bike lane improvements and traffic signal modifications	SCL190036	\$2,200,000	\$2,500,000
Santa Clara	Los Altos	Local Road	Maintenance/ Rehabilitation	Los Altos: Fremont Ave Pavement Preservation	Los Altos: Fremont Ave between Grant Rd and Stevens Creek (City Limit): Rehabilitate roadway	SCL170038	\$1,546,042	\$1,716,042
Santa Clara	Los Gatos	Local Road	System Management	Shannon Road Complete Streets	Los Gatos: On the north side of Shannon Road between Los Gatos Blvd and Cherry Blossom Lane: Construct a Class I multi-use path.	SCL190033	\$1,190,000	\$1,290,000
Santa Clara	Los Gatos	Public Lands/ Trails	Expansion	Los Gatos Creek Trail to Hwy 9 Trailhead Connector	In Los Gatos: The Los Gatos Creek Trail to the north and south sides of Highway 9 between the Highway 17 interchange and University Ave: Construct bike and pedestrian connector	SCL170028		\$4,387,440
Santa Clara	Milpitas	Local Road	Maintenance/ Rehabilitation	Street Resurfacing 2020 & 2021	Milpitas: Various streets and roads: Street rehabilitation, upgrade ADA facilities, striping and signage, including bicycle facilities, and concrete work.	SCL170039	\$2,978,358	\$5,484,522
Santa Clara	Morgan Hill	Local Road	Maintenance/ Rehabilitation	Dunne Avenue Pavement Rehabilitation	Morgan Hill: E Dunne Ave between lower Thomas Grade and Flaming Oaks Dr and between upper Thomas Grade and Holiday Dr, and Holiday Drive from E Dunne Ave to 2,500 linear feet east toward	SCL170063	\$1,252,000	\$1,252,000
Santa Clara	Mountain View	Regional	System Management	US 101/Shoreline Boulevard IC Improvements	Mountain View: US 101/Shorline Blvd Interchange: RealignE the northbound Shoreline Boulevard off-ramp from US 101 to connect to L' Avenida rather than directly to Shoreline Boulevard.	SCL210004		\$20,000,000
Santa Clara	Mountain View	Transit	System Management	Rengstorff Grade Separation	Mountain View: At the intersection of Rengstorff Ave and the Caltrain right-of-way: Grade separate Caltrain at Rengstorff Avenue	SCL190032	\$131,500,000	\$150,350,000
Santa Clara	MTC	Local Road	System Management	Regional Planning Activities and PPM - Santa Clara	Santa Clara: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SCL170001	\$1,936,000	\$16,712,470
Santa Clara	Palo Alto	Local Road	Expansion	Waverley, E. Meadow & Fabian Enhanced Bikeways	Palo Alto: Waverley Multi-Use Path: Widen and upgrade path; E Meadow Dr from Alma to Fabian: Protected bike facility; Fabian Way from East Meadow Dr to E Charleston: Reconfigures roadway with a travel	SCL170053	\$1,399,000	\$1,399,000
Santa Clara	Palo Alto	Local Road	System Management	Palo Alto-El Camino Real Ped Safety & Streetscape	In Palo Alto: On El Camino Real between Stanford Ave and Grant Ave: Install complete streets improvements focused on pedestrian safety, enhanced bus operations, and new urban design amenities.	SCL170051	\$5,364,000	\$5,364,000
Santa Clara	San Jose	Local Road	Expansion	Bay Trail Reach 9 & 9B	San Jose: From the existing San Francisco Bay Trail/HWY 237 Bikeway Trail to the Bay Trail designated parking spaces (adjacent to the publicly accessible Marriott property): Construct 1.1 miles of	SCL050082		\$8,538,000
Santa Clara	San Jose	Local Road	Expansion	San Jose - Autumn Street Extension	In San Jose: Autumn St between Julian Street and San Carlos Street: Widen, partially realign, and extend Autumn Street to adequately accommodate projected traffic demand.	SCL110006		\$17,300,000



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Santa Clara	San Jose	Local Road	Expansion	San Jose: Los Gatos Creek Reach 5 Underpass	In San Jose: Los Gatos Creek Trail between Auzerais Ave and Montgomery/Bird Ave: Construct Los Gatos Creek Trail (Reach 5b/c).	SCL110029		\$5,050,000
Santa Clara	San Jose	Local Road	Expansion	San Jose - Better Bikeways	San Jose: Various locations in downtown: Implement a network of bikeways	SCL130004		\$1,674,000
Santa Clara	San Jose	Local Road	Expansion	East San Jose Bikeways	East San Jose: Various locations: make improvements to the bikeway network including the installation of new bikeways, traffic calming features, bike-friendly signal detection and pavement markings. Toll	SCL130016		\$2,532,000
Santa Clara	San Jose	Local Road	Expansion	US 101/Old Oakland Road Interchange improvements	Oakland Rd - Commercial St to US 101: Widen to 8 lanes; Commercial St - Oakland Rd to Berryessa Rd: Add turn lanes; Commercial St - Berryessa Rd to Mabury Rd: Extend roadway: US 101 ramps: Widen	SCL190001	\$3,000,000	\$25,000,000
Santa Clara	San Jose	Local Road	Expansion	Better Bikeway San Jose - San Fernando Street	San Jose: On San Fernando St from Almaden Blvd to 11th St: Construct bicycle and pedestrian safety improvements	SCL190029	\$11,261,000	\$11,919,000
Santa Clara	San Jose	Local Road	Maintenance/Rehabilitation	San Jose Pavement Maintenance	San Jose: Various streets and roads: Pavement maintenance and rehabilitation and build pedestrian facilities	SCL170044	\$14,159,062	\$20,446,155
Santa Clara	San Jose	Local Road	System Management	Tully Road Safety Improvements	In San Jose: Tully Road between Monterey Road and Capital Expressway: Implement safety elements	SCL170029	\$8,550,360	\$10,950,000
Santa Clara	San Jose	Local Road	System Management	McKee Road Safety Improvements	San Jose: On McKee Road between Route 101 and Toyon Ave and On Gridley St at the intersection with Mckee Rd: Implement safety improvements	SCL170030	\$8,573,933	\$10,980,000
Santa Clara	San Jose	Local Road	System Management	Mt Pleasant Ped & Bike Traffic Safety Improvements	San Jose: Various locations in the Mount Pleasant Area: Implement traffic safety improvements to serve student populations of seven schools	SCL170031	\$991,793	\$1,260,000
Santa Clara	San Jose	Local Road	System Management	W San Carlos Urban Village Streets Improvements	San Jose: West San Carlos St between I-880 and McEvoy St: Implement safety improvements	SCL170061	\$10,100,000	\$10,100,000
Santa Clara	San Jose	Local Road	System Management	Eastside Alum Rock (East of 680) Urban Village	San Jose: On Alum Rock Avenue and east of I-680: Develop multi-modal transportation implementation plan	SCL170062		\$446,000
Santa Clara	San Jose	Local Road	System Management	Willow-Keyes Complete Streets Improvements	San Jose: At various locations on the Willow-Keyes corridor: Construct bicycle and pedestrian safety improvements including road diets to construct Class IV protected bike lanes	SCL190028	\$19,973,284	\$19,973,284
Santa Clara	San Jose	Public Lands/ Trails	Expansion	Coyote Creek Trail (Hwy 237-Story Rd)	San Jose: From Highway 237 to Story Road: Master plan entire system, design and construction of the trail.	SCL050083	\$4,046,000	\$41,582,631
Santa Clara	San Jose	State Highway	Expansion	US 101/Blossom Hill Interchange Improvements	San Jose: At US101/Blossom Hill I/C: Reconstruct I/C including the widening of Blossom Hill Rd, signal upgrades and other modifications to eliminate congestion caused by merge and weave problems and	SCL030006		\$24,414,000
Santa Clara	Santa Clara	Public Lands/ Trails	Expansion	Saratoga Creek Trail Phase 1	Santa Clara: Saratoga Creek Trail between Homeridge Park and Central Park: Build a class I bicycle and pedestrian trail	SCL170045	\$4,756,000	\$5,326,000
Santa Clara	Santa Clara	Public Lands/ Trails	Expansion	San Tomas Aquino Creek Trail Underpass	In Santa Clara: San Tomas Aquino Creek Trail between Tasman Dr and 1/4 mile south of Tasman Dr: Construct bike/ped underpass.	SCL170052	\$3,720,000	\$3,720,000
Santa Clara	Santa Clara	Public Lands/ Trails	Expansion	Hetch-Hetchy Trail Phase 1	Santa Clara: On the Hetch-Hetchy right-of-way from Stars and Stripes Dr to San Tomas Aquino Creek and along the east bank of San Tomas Aquino Creek from Hetch-Hetchy right-of-way to Agnew Rd:	SCL170055	\$1,250,000	\$1,250,000
Santa Clara	Santa Clara	Public Lands/ Trails	System Management	Santa Clara School Access Improvements	Santa Clara: Various locations around Santa Clara Schools: Implement bicycle and pedestrian access improvements	SCL170056	\$1,450,000	\$1,650,000

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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Santa Clara	Santa Clara Co	Local Road	Expansion	Montague Expwy Widening - Trade Zone-Great Mall	Santa Clara County: Montague Expressway between Trade Zone and Great Mall Blvd: Widen roadway to 8 lanes	SCL090017	\$9,000,000	\$19,000,000
Santa Clara	Saratoga	Local Road	Maintenance/Rehabilitation	Saratoga Village Crosswalks and Sidewalk Rehab	In Saratoga: Along Big Basin Way between 6th street and Hwy 9: Install curb bulbouts and crosswalk and rehabilitate sidewalk.	SCL170054	\$382,000	\$422,000
Santa Clara	Sunnyvale	Local Road	Expansion	Bernardo Avenue Bicycle Underpass	Sunnyvale: Between North and South Bernardo Avenue under the Caltrain tracks: Construct bicycle underpass	SCL170020	\$1,665,069	\$10,365,069
Santa Clara	Sunnyvale	Local Road	Expansion	Java Dr Road Diet and Bike Lanes	Sunnyvale: On Java Dr from Mathilda to Crossman: Construct approximately 5,000 linear feet of Class II, IIB or IV bike lanes each side via a road diet	SCL170022	\$540,212	\$831,889
Santa Clara	Sunnyvale	Local Road	Expansion	Peery Park "Sense of Place" Improvements	Sunnyvale: Various locations in the Peery Park Specific Area: Implement bike, pedestrian, and transit improvements	SCL170023	\$2,737,000	\$4,194,000
Santa Clara	Sunnyvale	Local Road	Expansion	East Sunnyvale Area "Sense of Place"	Sunnyvale: Various locations in the East Sunnyvale Sense of Place Plan Area: Implement bike, pedestrian and transit access improvements	SCL170024	\$2,203,900	\$3,856,900
Santa Clara	Sunnyvale	Local Road	Expansion	Fair Oaks Avenue Bikeway - Phase 2	Sunnyvale: Fair Oaks Ave from SR237 to Reed Ave: Reconfigure to install Bikeway/routes enhancements and close bikeway gaps	SCL170025	\$566,000	\$990,000
Santa Clara	Sunnyvale	Local Road	Expansion	Lawrence Station Area Sidewalks & Bike Facilities	Sunnyvale: In the general area of the Lawrence Station Area Plan: Install bike and pedestrian improvements	SCL170026	\$362,000	\$633,000
Santa Clara	Sunnyvale	Local Road	Maintenance/Rehabilitation	Sunnyvale Traffic Signal Upgrades/Replacements	Sunnyvale: Various intersections: Upgrade traffic signals and intersections to have pedestrian-friendly designs and improved bicycle detection for the traffic signals.	SCL170027	\$2,366,000	\$2,899,000
Santa Clara	Sunnyvale	Local Road	System Management	Sunnyvale SNAIL Neighborhood Improvements	Sunnyvale: Various locations: Implement bike/ped improvements, close slip lanes, add bulbouts, install detection systems, ADA compliant ped signals, enhance existing bike lanes to include green bike	SCL170017	\$5,956,000	\$6,046,000
Santa Clara	Sunnyvale	Local Road	System Management	Homestead Rd at Homestead High School Improvements	Sunnyvale: Various locations on Homestead Rd near Homestead HS: Install safety improvements and upgrade signals; On Homestead Rd from McKenzie Dr to Mary Ave (south side) and from Mary Ave to	SCL170043	\$1,000,000	\$1,265,000
Santa Clara	Sunnyvale	Local Road	System Management	Sunnyvale Ped and Bike Infrastructure Improvements	Sunnyvale: At various locations city-wide: Add improvements to Bike/Ped infrastructure including enhancing and/or installing signs, striping, ADA compliant curb ramps and crossing safety treatments	SCL170057	\$919,000	\$1,163,000
Santa Clara	Sunnyvale	Local Road	System Management	Sunnyvale Safe Routes to School Improvements	Sunnyvale: In the vicinity of Bishop Elementary School: Install bike lanes, high visibility crosswalks, raised crosswalks, and curb extensions; Provide bicycle and pedestrian education and encouragement	SCL170059	\$1,888,000	\$2,362,000
Santa Clara	VTA	Local Road	System Management	Local PDA Planning - Santa Clara	Santa Clara County: Various Agencies: Planning assistance pass through to local jurisdictions to support transportation investments and improve their performance in Priority Development Areas (PDAs).	SCL110125		\$4,955,845
Santa Clara	VTA	Local Road	System Management	SR 237/US 101/Mathilda Interchange Modifications	In Sunnyvale: US 101/Mathilda and SR 237/Mathilda interchanges: Modify interchanges to relieve congestion, improve traffic operations for all modes and enhance landscaping conditions.	SCL130001	\$2,200,000	\$47,000,000
Santa Clara	VTA	Local Road	System Management	IDEA Cat 2: Valley Transportation Authority	Palo Alto: At the Vetrans Administration Hospital: Implement an automated micro-transit feeder pilot project	SCL170065		\$1,095,000
Santa Clara	VTA	Local Road	System Management	US 101/Zanker Road-Skyport Drive-N. Fourth St. Imp	San Jose: US101 at Zanker Rd/Skyport Dr./N. 4th St: Construct a new overcrossing over US 101 connecting Zanker Rd to Skyport Dr-N. Fourth St to create a new north-south corridor parallel to N. First St	SCL190007	\$153,900,000	\$161,000,000

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Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Santa Clara	VTA	State Highway	Expansion	SR 152 New Alignment	Santa Clara/ San Benito counties: SR152 between US101 and SR156: Complete PA&ED for new alignment the highway.	SCL090016		\$30,000,000
Santa Clara	VTA	State Highway	Expansion	SR 85 Express Lanes	Santa Clara County: On SR 85 carpool lane from US 101 in San Jose to US 101 in Mountain View including the US 101/SR 85 HOV direct connectors and approaches: Install ETS and implement roadway	SCL090030	\$2,300,000	\$187,500,000
Santa Clara	VTA	State Highway	Expansion	Santa Clara County - US 101 Express Lanes	In Santa Clara County: From Cochrane Rd. in Morgan Hill to San Mateo County line in Palo Alto: Implement roadway pricing on US 101 carpool lane	SCL110002	\$7,961,000	\$466,045,000
Santa Clara	VTA	State Highway	Expansion	I-280/Foothill Expressway Off Ramp Improvement	Santa Clara County: NB I-280/Foothill Expressway interchange: Widen off ramp to add one additional lane	SCL190002		\$5,500,000
Santa Clara	VTA	State Highway	Expansion	Calaveras Boulevard Widening	Milpitas: Calaveras Blvd. overpass at UPRR tracks from Abel St to Town Center Blvd: Widen from 4 to 6 lanes and modify signing, striping and signals	SCL190009	\$79,000,000	\$85,000,000
Santa Clara	VTA	State Highway	Expansion	US 101/SR 152/10th Ramp and Intersection Imp.	Gilroy: US-101/SR-152/10th St Interchange: Add a second lane on the off-ramp	SCL210002	\$4,500,000	\$10,800,000
Santa Clara	VTA	State Highway	System Management	I-880 Stevens Creek Landscaping	San Jose: at the I-880/Stevens Creek interchange: Provide landscaping.	SCL130044		\$3,805,418
Santa Clara	VTA	State Highway	System Management	I-680 Soundwalls - Capitol Expwy to Mueller Ave	San Jose: On I-680 between Capitol Expressway and Mueller Avenue: Construct soundwalls	SCL150001	\$3,275,000	\$5,631,700
Santa Clara	VTA	State Highway	System Management	I-280/Winchester Blvd Interchange Improvement	San Jose: I-280/Winchester Interchange: Construct improvements at the Winchester Blvd. interchange and I-280/I-880/SR 17 freeway connectors including the addition of ramps and a fly-over and the	SCL150014	\$84,000,000	\$89,000,000
Santa Clara	VTA	State Highway	System Management	I-280 Soundwalls - SR-87 to Los Gatos Creek Bridge	San Jose: On I-280 between SR 87 and Los Gatos Creek Bridge: Construct soundwalls	SCL170064	\$6,167,000	\$7,000,000
Santa Clara	VTA	State Highway	System Management	Hwy. Transp Operations System/FPI Phase 1 & 2	Santa Clara County: At various locations: Implement Transportation Operations System/Freeway Performance Initiative projects	SCL190003	\$4,250,000	\$20,000,000
Santa Clara	VTA	State Highway	System Management	I-280 HOV - San Mateo County line to Magdalena Ave	Santa Clara County: On I-280 NB from the existing HOV lane near Magdalena Ave to the San Mateo County Line and SB from approximately 3200 ft north of the existing HOV lane near Magdalena Ave to the	SCL190004	\$16,500,000	\$54,000,000
Santa Clara	VTA	State Highway	System Management	SR 237 WB Auxiliary Lane fr McCarthy to North 1st	Santa Clara County: SR 237 between McCarthy Boulevard and North First Street: Add westbound auxiliary lane	SCL190005	\$48,500,000	\$52,000,000
Santa Clara	VTA	State Highway	System Management	Double Lane Southbound US 101 off-ramp to SB SR 87	Santa Clara: Southbound US 101 to Southbound Route 87: Widen the existing connector ramp to add one additional traffic lane and construct and install Traffic Monitoring Station (TMC)	SCL190006		\$3,000,000
Santa Clara	VTA	State Highway	System Management	US 101/De L Cruz Blvd - Trimble Road I/C Imp	Santa Clara: At the US101/De La Cruz Blvd/Trimble Rd IC: Modify interchange into a partial cloverleaf.	SCL190008	\$28,000,000	\$53,000,000
Santa Clara	VTA	State Highway	System Management	US 101/Buena Vista Avenue Interchange Improvement	Gilroy: At Buena Vista Ave. overcrossing at US 101: Construct a complete interchange by widening the overcrossing structure and adding new northbound and southbound on and off ramps.	SCL190010	\$11,000,000	\$34,000,000
Santa Clara	VTA	State Highway	System Management	I-280/Wolfe Road Interchange Improvement	Cupertino: I-280/Wolfe Road Interchange: Modify to relieve congestion and improve local circulation.	SCL190011	\$90,680,000	\$95,680,000

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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Santa Clara	VTA	State Highway	System Management	US 101/San Antonio Rd/Charleston/Rengstorff IC Imp	Mountain View and Palo Alto: US 101 interchanges at San Antonio and Charleston Road/Rengstorff Avenue: Construct interchange improvements include adding new auxiliary lane.	SCL190012	\$34,000,000	\$40,000,000
Santa Clara	VTA	State Highway	System Management	US 101/SR 25 Interchange - Phase 1	Santa Clara County: US 101 and SR 25 Interchange: Phase 1 Reconfigure a portion of the overall interchange re-construction, focusing on improving the movement from southbound US 101 to	SCL190013	\$39,000,000	\$101,200,000
Santa Clara	VTA	State Highway	System Management	SR 17 Congestion Relief in Los Gatos	Los Gatos: On both directions of SR 17 from Lark Ave to south of SR 9 IC: Construct aux lanes including modifications to on-ramps and off-ramps to improve operations and relieve congestion; Along SR-	SCL190014	\$10,200,000	\$51,000,000
Santa Clara	VTA	State Highway	System Management	I-280/Saratoga Avenue Interchange Improvement	San Jose: I-280/ Saratoga Ave Interchange: Modify interchange to relieve congestion and improve local circulation	SCL190015	\$12,700,000	\$60,000,000
Santa Clara	VTA	State Highway	System Management	I-280 NB Braided Ramps btw Foothill Expwy & SR 85	Santa Clara County: On northbound I-280 between Foothill Expressway and Route 85: Improve braided ramps	SCL190016	\$45,900,000	\$54,000,000
Santa Clara	VTA	State Highway	System Management	I-680/ Alum Rock/ McKee Road Interchange Imp	San Jose: At the I-680/ Alum Rock and I-680/ McKee Road interchanges: Reconfigure interchanges, improve access for all modes of transportation, improve traffic operations and relieve congestion; In	SCL190017	\$44,650,000	\$47,000,000
Santa Clara	VTA	State Highway	System Management	Santa Clara Countywide Noise Abatement Program	Santa Clara County: Countywide: Implement noise reduction projects, project is phased	SCL190031	\$15,000,000	\$36,000,000
Santa Clara	VTA	State Highway	System Management	SR 87/Charcot Ave On-Ramp HOV Bypass	San Jose: At the SR-87/Charcot Ave on-ramp: Add HOV bypass lane to the current overcrossing by restriping and adding a lane within the existing pavement on the overcrossing and modify the SB SR 87	SCL210001	\$2,700,000	\$3,000,000
Santa Clara	VTA	Transit	Expansion	BART - Berryessa to San Jose Extension	In San Jose: From Berryessa Station to San Jose and Santa Clara: Extend BART line	BRT030001	\$3,183,669,000	\$4,779,935,000
Santa Clara	VTA	Transit	Expansion	Eastridge to BART Regional Connector	San Jose: At the Eastridge Transit Center: Ph I (completed) 2 Improve and expand transit center; Capitol Expwy Light Rail from Alum Rock Transit Center to Eastridge Transit Center: Ph II - Extend light rail,	SCL050009		\$510,279,000
Santa Clara	VTA	Transit	Expansion	LRT Extension to Vasona Junction and Double Track	Campbell and San Jose: From the existing Winchester Station to a new Vasona Junction Station, near Route 85: Extend the light-rail line and double-track single-track sections of the Vasona line	SCL090040		\$256,000,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Standard & Small Bus Replacement	VTA: Fleetwide: Standard and Small Bus Replacement	SCL050001		\$297,481,126
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Rail Replacement Program	VTA: Throughout the Light Rail system: Replace rails (no rail expansion).	SCL050002		\$61,760,728
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: TP OCS Rehab & Replacement	VTA: Systemwide: Rehabilitate and replace overhead catenary system (OCS) and associated components	SCL090044		\$32,809,940
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Light Rail Bridge and Structure - SG Repair	VTA: Various Locations: Light rail bridge and structure defect investigation and repair. Stabilization measures to address Hamilton structure settlement.	SCL110099		\$4,850,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Light Rail Track Crossovers and Switches	VTA: In the light rail system: Add light rail crossovers and switches to priority areas where crossovers are not currently available to enhance operational flexibility.	SCL110104		\$35,193,847
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA Train to Wayside Communication System Upgrade	VTA: Communications: Upgrade the existing DOS based train-to-wayside communications (TWC) system to a Windows based system while keeping the original system's operational functionality.	SCL150005		\$1,605,750

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Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Paratransit Vehicle Procurement	VTA: Paratransit Fleet: Procure vehicles and associated equipment for paratransit services.	SCL170005		\$10,216,645
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Replace Fault Monitoring System on LRVs	VTA: On Light Rail Vehicle Fleet: Upgrade Fault Monitoring System (FMS) Network that is no longer supported by the original equipment manufacturer (OEM)	SCL170006		\$2,819,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Pedestrian Swing Gates Replacement	VTA: At various pedestrian crossing locations along the light rail system: Replace spring-hinge pedestrian swing gates	SCL170007		\$4,280,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Vasona Pedestrian Back Gates	VTA: At several Vasona Light Rail Corridor crossings: Install pedestrian gates. Scope includes installation of automatic pedestrian gates, swing gates and railings, minor civil improvements and related signal	SCL170008		\$2,900,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Chaboya Yard Well Removal	VTA: At the Chaboya Bus Operating Division: Obtain case closure and demolish the ground water remediation system and wells	SCL170009		\$395,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Guadalupe Train Wash Replacement	VTA: Guadalupe Light Rail Division: Replace train wash.	SCL170010		\$2,810,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Upgrade Rail Grade Crossing Control Equipment	VTA: Various Locations: Replace existing rail grade crossing equipment; such as controllers, relays, and surge panels; that have become obsolete.	SCL170011		\$5,460,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Non-Revenue Vehicle Procurement	VTA: Systemwide: Acquire non-revenue vehicles to replace existing units that have reached the end of their useful life	SCL170047		\$400,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: SCADA Middleware Replacement	VTA: Systemwide: Replace existing obsolete middleware software with updated software to ensure compatibility with other upgraded SCADA software and SCADA components	SCL170049		\$1,438,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: SCADA Control Center System Replacement	VTA: Systemwide: Provide upgrades to the Supervisory Control and Data Acquisition (SCADA) System hardware and software; At the Control and Data Center: Facility expansion	SCL170050		\$3,769,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Bus CCTV Replacement	VTA: Fleetwide: Replace CCTV system on buses	SCL190023		\$3,300,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Transit Center Park and Ride Rehab	VTA: Various transit centers and park & ride facilities systemwide: Rehabilitate and repair facilities	SCL190024		\$2,000,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Gigabit Ethernet Network	VTA: Systemwide: Replace Ethernet switch equipment	SCL190025		\$1,200,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: HVAC Replacement	VTA: At various facilities system-wide: Replace heating, ventilation and cooling equipment	SCL190026		\$1,810,332
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: SCADA Hardware, Software, Network Upgrade	VTA: Systemwide: Update three related Supervisory Control and Data Acquisition (SCADA) subsystems. 1) Hardware 2) Software 3) Network	SCL190027		\$5,559,120
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Bus & LR Vehicle Mobile Router Replacement	VTA: Systemwide: Replace mobile routers	SCL190037		\$1,500,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Fuel Dispenser & UDC Replacement	VTA: Systemwide: Replace and upgrade diesel dispensers and one gasoline dispenser, and replace the Underground Dispenser Containment (UDCs) at these dispensers	SCL190040		\$2,400,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Replace UPSs and PDU in OCC/EOC	VTA: At the Guadalupe division: Replace UPSs in the OCC equipment room and building 'A' mezzanine	SCL190041		\$471,702
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	Replace/Upgrade Fire Alarm at Guadalupe & Chaboya	VTA: At Guadalupe and Chaboya divisions: Replace/Upgrade Fire Alarm	SCL190043		\$1,500,000

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Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Network & Gigabit Fiber Upgrade	VTA: Systemwide: Upgrade network and gigabit fiber	SCL190044		\$1,500,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Cameras for VTA ACCESS Paratransit Vehicles	VTA: Access Paratransit vehicle fleet: Install and deploy real-time security cameras	SCL190045		\$2,256,063
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Rehab of LR System Elevators and Escalators	VTA: At various locations along the light rail system: Repair and rehabilitate elevators and escalators	SCL190046	\$9,300,000	\$9,300,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Downtown San Jose Speed Improvements	VTA: In and around the Downtown San Jose Transit Mall: Implement safety enhancements to deter pedestrian, bicycle, scooter, and vehicle intrusion into the light rail trackway.	SCL190047	\$6,150,000	\$6,150,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Light Rail Station Rehabilitation	VTA: At various light rail stations: Provide rehabilitation and repair of maintenance issues outlined in the condition assessment	SCL190048	\$970,000	\$970,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Public Address System Upgrade	VTA: At various light rail stations: Replace existing equipment on older public address system and upgrade PA maintenance telephones	SCL190049	\$2,770,440	\$2,770,440
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: LR Platform CCTV System Replacement	VTA: Systemwide: Replace obsolete CCTV where video is of very low quality with updated equipment to ensure that useful video continues to be available at the older and often more incident active	SCL190050	\$557,000	\$557,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Pedestrian Backgates - Non-Vasona	VTA: Various locations along light rail corridors: Install pedestrian gates at crossings	SCL190051	\$8,200,000	\$8,200,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Guadalupe Roll Up Doors	VTA: At Guadalupe Division: Replace obsolete roll-up doors with a newer model with updated safety features.	SCL190052	\$2,500,000	\$2,500,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Guadalupe Steam Rack Improv & Liner Replace	VTA: At Guadalupe Division: Replace existing steam rack (light rail) track with a new liner system and overhead roof structure.	SCL190053	\$3,000,000	\$3,000,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Guadalupe Entrance Security Improvement	VTA: At Guadalupe Division: Implement security improvements at division entrance	SCL190054	\$1,250,000	\$1,250,000
Santa Clara	VTA	Transit	Maintenance/Rehabilitation	VTA: Preventive Maintenance	VTA: Preventive Maintenance of agency's fleet.	SCL990046		\$596,267,531
Santa Clara	VTA	Transit	Operations	VTA: ADA Operating Set Aside	VTA: Systemwide: ADA operating assistance set aside.	SCL050046		\$67,836,371
Santa Clara	VTA	Transit	Operations	VTA: COVID-19 Emergency Transit Operations	VTA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	SCL190038	\$68,552,110	\$141,575,706
Santa Clara	VTA	Transit	System Management	VTA: Back-up Power for Elevated Stations	VTA: Various elevated stations: Replace the generators and automatic power bypass switch for elevated stations on the Guadalupe Light Rail line.	SCL150006		\$400,000
Santa Clara	VTA	Transit	System Management	VTA Track Intrusion Abatement	VTA: Various locations along trackway: Installation of fencing, barriers, signage, flashing signs, and pavement markings.	SCL150008		\$11,000,000
Santa Clara	VTA	Transit	System Management	VTA BART Phase II TOD and Station Access Planning	In Santa Clara County: In the vicinity of planned BART stations: Perform study of TOD and Station Access Planning.	SCL170002		\$1,900,000
Santa Clara	VTA	Transit	System Management	VTA: Systemwide Security Improvements	VTA: Systemwide: Implement safety improvements	SCL170046		\$506,948
Santa Clara	VTA	Transit	System Management	VTA: Light Rail Roadway Protection System	VTA: On the VTA Light Rail System: Explore and implement Roadway Worker Protection System technologies to meet regulatory requirements	SCL170048		\$1,939,000
Santa Clara	VTA	Transit	System Management	VTA - Not on Transit Program	VTA: Systemwide: Conduct training for employees and create awareness among passengers and the public to recognize and report human trafficking activities on transit. Other Federal funds are Human	SCL190035		\$500,000

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<b>County</b>	<b>Sponsor</b>	<b>System</b>	<b>Purpose</b>	<b>Project Name</b>	<b>Project Description</b>	<b>TIP ID</b>	<b>Current 4-Year TIP Funding</b>	<b>Total Funding (All Years)</b>
Santa Clara	VTA	Transit	System Management	VTA: Facilities ADA Upgrades	VTA: Various passenger facilities systemwide: Modify and upgrade ADA non-compliant items to bring them into compliance with current ADA codes	SCL190039		\$3,200,000
<b>Santa Clara County</b>							<b>\$4,305,945,563</b>	<b>\$9,256,862,614</b>

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Solano	Benicia	Local Road	Maintenance/ Rehabilitation	Benicia - Park Road Improvements	Benicia: Park Road between I-780 and Bayshore Road: Resurface roadway and construct Class II/IV bicycle lane facilities and storm drain improvements	SOL170011	\$5,358,000	\$5,858,000
Solano	Dixon	Local Road	Expansion	Parkway Blvd/UPRR Grade Separation	In Dixon: Parkway Blvd from Valley Glen Dr. to Pitt School Rd: Construct new 4 lane roadway and overcrossing of UPRR & Porter Rd; Pitt School Rd from south of Hillview Drive to Porter Rd: widen	SOL050009		\$15,839,000
Solano	Dixon	Transit	Operations	Dixon: COVID-19 Emergency Transit Operations	Dixon: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	SOL190018	\$84,971	\$390,273
Solano	Fairfield	Local Road	Expansion	East Tabor Tolenas SR2S Sidewalk Gap Closure	In Fairfield: On East Tabor Avenue (north side); Construct sidewalk across the railroad tracks including slight roadway widening. On Tolenas Avenue (east side); widen the existing sidewalk.	SOL170006	\$1,612,000	\$1,860,000
Solano	Fairfield	Local Road	System Management	Grange Middle School Safe Routes to School	In Fairfield: On East Tabor Avenue, at the intersections of Falcon Drive and blossom Avenue: enhance bicycle and pedestrian safety mobility.	SOL170010	\$260,000	\$286,000
Solano	Fairfield	Transit	Expansion	Fairfield/Vacaville Intermodal Rail Station	In Fairfield: Capitol Corridor: Construct train station with passenger platforms, pedestrian undercrossing, highway overcrossing, park and ride lot, bike and other station facilities. Project is phased.	SOL030002		\$80,591,461
Solano	Fairfield	Transit	Expansion	Fairfield Transportation Center - Phase 3	In Fairfield: Fairfield Transportation Center: Construct second parking structure with approximately 600 automobile parking spaces and access improvements.	SOL110007		\$8,323,000
Solano	Fairfield	Transit	Maintenance/ Rehabilitation	Fairfield-Suisun Intercity/Local Bus Replacement	Fairfield: Systemwide: Replace local/intercity buses that have exceeded their expected useful life.	SOL110041		\$7,492,217
Solano	Fairfield	Transit	Operations	City of Fairfield Operating Assistance	Fairfield: Systemwide: Transit operating assistance	SOL010006		\$69,657,216
Solano	Fairfield	Transit	Operations	Fairfield: COVID-19 Emergency Transit Operations	Fairfield: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	SOL190020	\$1,935,831	\$3,938,816
Solano	F-S Transit	Transit	Maintenance/ Rehabilitation	Fairfield - Electric Bus Fleet and Infrastructure	Fairfield: Systemwide: Procure all-electric, zero-emission buses and supporting charging infrastructure	SOL190003	\$213,897	\$11,252,155
Solano	MTC	Local Road	System Management	Regional Planning Activities and PPM - Solano	Solano County: County-wide: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SOL170001	\$506,000	\$9,060,181
Solano	MTC	State Highway	Expansion	Solano I-80 Managed Lanes	Solano County: I-80 from Red Top Rd to I-505: Convert existing HOV to Managed Lane; I-80 from Air Base Parkway to I-505: Construct new Managed Lanes. Project also references RTP IDs 17-10-0059	SOL110001	\$34,000,000	\$262,100,000
Solano	Rio Vista	Transit	Operations	Rio Vista: COVID-19 Emergency Transit Operations	Rio Vista: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	SOL190019	\$38,512	\$157,840
Solano	Solano County	Local Road	Expansion	Suisun Vallley Bicycle and Pedestrian Imps	Solano County: At Mankas Corner: Construct staging area with bicycle and pedestrian improvements; At Various Locations in Solano County: Add a Class II bike lane to enhance bike access to areas	SOL130007		\$7,577,400
Solano	Solano County	Local Road	Maintenance/ Rehabilitation	Solano County Roadway Preservation	Solano County: On Midway Road from Interstate 80 to approximately 200 feet west of Porter Road: Place asphalt overlay.	SOL170015	\$572,000	\$617,000
Solano	Solano County	Local Road	System Management	Solano County Farm to Market Phase 3	Solano County: Various locations in Suisun Valley: Construct bike lanes	SOL170016	\$3,297,000	\$3,447,000



**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Solano	Solano County	State Highway	Expansion	Redwood-Fairgrounds Dr Interchange Imps	Solano County: I-80 Redwood St. I/C and SR-37/Fairgrounds Dr. I/C: Implement I/C and safety improvements; Fairgrounds Dr. from Redwood St. to SR-37: Remove left turn lane and widen to add one lane	SOL090015	\$5,000,000	\$96,476,235
Solano	SolTrans	Transit	Maintenance/Rehabilitation	SolTrans: Preventive Maintenance	SolTrans: Systemwide: Preventive maintenance of vehicles and equipment necessary for the maintenance of federally funded assets.	SOL070032		\$5,068,331
Solano	SolTrans	Transit	Maintenance/Rehabilitation	SolTrans: Bus Replacement (Alternative Fuel)	SolTrans: Eight 45' MCI commuter coaches: Replace vehicles as they reach their useful life.	SOL090034		\$14,284,365
Solano	SolTrans	Transit	Maintenance/Rehabilitation	SolTrans Electric Bus Charging Infrastructure	SolTrans: Systemwide: Implement core infrastructure improvements to support the charging of a 100% Zero Emissions Bus fleet.	SOL190017	\$624,000	\$5,355,000
Solano	SolTrans	Transit	Operations	SolTrans: ADA Paratransit Operating Subsidy	SolTrans: Systemwide: ADA Paratransit Operating Subsidy	SOL110025		\$4,577,594
Solano	SolTrans	Transit	Operations	SolTrans: Operating Assistance	Solano County Transit: System-wide: Operating Assistance	SOL110040		\$28,319,058
Solano	SolTrans	Transit	Operations	SolTrans: COVID-19 Emergency Transit Operations	SolTrans: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	SOL190021	\$2,941,048	\$5,531,848
Solano	SolTrans	Transit	System Management	SolTrans: Data Management Technology Enhancements	SolTrans: Systemwide: Procure data management systems and software	SOL170002		\$400,000
Solano	SolTrans	Transit	System Management	Soltrans: Facilities and Amenities Improvements	Soltrans: Systemwide: Facility and passenger amenities improvements	SOL170003		\$300,000
Solano	STA	Local Road	Expansion	Jepson: Walters Rd Ext - Peabody Rd Widening	Solano County: Jepson Parkway segment: Walters Road Extension, Peabody Widening.	SOL110004		\$13,431,000
Solano	STA	Local Road	Expansion	Jepson: Leisure Town Road from Vanden to Commerce	Jepson Parkway segment: Leisure Town Road from Vanden Road to Commerce. Project is phased	SOL110005		\$28,202,114
Solano	STA	Local Road	Expansion	Jepson: Leisure Town Road Phase 1B and 1C	Vacaville: (Phase 1B) Leisure Town Rd from Elmira Rd to Sequoia and (Phase 1C) from Sequoia Dr to Horse Creek: Widen to 4 lanes with multiuse sidewalk and safety improvements	SOL110006	\$15,574,000	\$21,852,842
Solano	STA	Local Road	System Management	Solano Safe Routes to School Program	In Solano County: Countywide: Implement Countywide Solano Safe Routes to School Program, including Planning, Education, and Encouragement events and materials.	SOL110019		\$3,850,589
Solano	STA	Local Road	System Management	STA SR2S Infrastructure & Non-infrastructure	Solano County: At 7 schools: Implement pedestrian infrastructure improvements; At 26 schools throughout the Cities of Benicia, Rio Vista & Vallejo: Providing education outreach	SOL150004		\$3,467,000
Solano	STA	Regional	System Management	SolanoExpress Corp Yard Elec	Solano County: At FAST and SolTrans Corp yards: Construct and upgrade electric infrastructure.	SOL190001		\$2,200,000
Solano	STA	State Highway	Expansion	I-80/I-680/SR 12 Interchange Improvements	Fairfield: I-80/I-680/Route 12 IC: Ph-1 Improve IC, including connecting I-80 to SR 12 W, I-680 NB to SR 12W (Jameson Canyon), I-80 to I-680 (+ Express Lane Direct connectors), build local IC and build	SOL070020		\$661,017,000
Solano	STA	State Highway	Expansion	I-80/I-680/SR 12 Interchange Phase 2A	Solano County: I-80/I-680/SR-12 Interchange: Complete the construction of the I-80 connection to SR 12W that was started with the Construction Package 1.	SOL190024	\$77,000,000	\$92,700,000
Solano	STA	State Highway	System Management	SR12/Church Rd Intersection Improvements	Rio Vista: At SR12/Church Rd. Intersection: Add Standard Shoulders, EB Left Turn Lane, WB Acceleration Lane (720 ft) and Deceleration Lane (300 ft), Remove Trees in Clear Recovery Zone	SOL150003	\$3,690,000	\$4,800,000

**TIP Project Listings by County**  
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Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Solano	STA	Transit	System Management	Solano Mobility Call Center	Solano County: County-wide: Operate call center featuring in-person assistance for customers related to transit, commuting, and mobility services, including ADA, Clipper, and ride matching, among others	SOL170009	\$339,000	\$1,736,000
Solano	STA	Transit	System Management	SolanoExpress Capitol Improvements	Solano County: At the Fairfield Transit Center: Construct slip-ramp; At Fairgrounds Dr off-ramp: add express stop; At Vallejo Transit Center: Expand center onto York St.	SOL170017		\$7,500,000
Solano	STA	Transit	System Management	SolanoExpress Bus Electrification	Solano County: Countywide: Purchase electric over-the-road coaches for long-haul SolanoExpress routes.	SOL190002	\$12,128,000	\$12,128,000
Solano	STA	Transit	System Management	Solano Regional Transit Improvements - TIRCP 2020	STA: Throughout Solano County and Solano Express Bus stops at various stations: Network integration planning and implementation of various transit and access improvements	SOL190023	\$11,150,000	\$17,150,000
Solano	Suisun City	Local Road	Maintenance/Rehabilitation	New Railroad Avenue Pavement Rehabilitation	Suisun City: Railroad Ave from Sunset Ave to Birchwood Ct: Rehabilitate roadway on eastbound lanes; Railroad Ave from Sunset Ave to Marina Blvd: Restripe existing Class 2 bicycle lanes on both	SOL170014	\$491,000	\$555,000
Solano	Suisun City	Public Lands/Trails	Expansion	McCoy Creek Trail - Phase 2	Suisun City: Along the west bank of the McCoy Creek canal and the north bank of the Laurel Creek canal from Pintail Dr to Blossom Avenue: Construct a Class I concrete pedestrian/bicycle trail with a bridge	SOL170007	\$3,487,000	\$4,287,000
Solano	Vacaville	Local Road	System Management	Vaca Valley/I505 Multimodal Improvements	Vacaville: On Vaca Valley Parkway at E Monte Vista Ave and I-505 ramps: Install roundabouts and construct bicycle/pedestrian facilities over I-505 connecting to existing facilities and ADA improvements	SOL170013	\$8,907,000	\$13,957,000
Solano	Vacaville	Transit	Operations	Vacaville Transit: Operating Assistance	Vacaville Transit: System-wide: Operating Assistance	SOL010007		\$23,028,833
Solano	Vacaville	Transit	Operations	Vacaville: COVID-19 Emergency Transit Operations	Vacaville: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	SOL190022	\$1,301,228	\$1,789,887
Solano	Vacaville	Transit	System Management	Transit Marketing and Public Outreach	Vacaville: Citywide: Marketing and public outreach of City Coach transit benefits	SOL130017		\$215,388
Solano	Vallejo	Local Road	System Management	Vallejo Downtown Streetscape	Vallejo: Various streets in the downtown area: Pedestrian enhancements including traffic calming, restriping, parking, signs, brick pavers, street furniture and art. Project is phased	SOL110035		\$4,489,000
Solano	Vallejo	Local Road	System Management	Vallejo - Sacramento St Road Diet and Rehab	Vallejo: Sacramento St from Tennessee St to Capitol St: Implement road diet, rehabilitation, and bike/ped improvements	SOL190004	\$681,000	\$770,000
Solano	Vallejo	Public Lands/Trails	Expansion	Vallejo Bay Trail / Vine Trail Gap Closure	In Vallejo: Between the existing Bay Trail to the south and the Bay Trail and Napa Vine Trail in American Canyon: Build multi-use path to close the gap between the existing trail segments	SOL170008	\$4,362,000	\$5,328,000
Solano	Vallejo	State Highway	System Management	Sonoma Boulevard Improvements HSIP5-04-031	Vallejo: Sonoma Blvd. between York St. and Kentucky St: Implement road diet-reduce travel lanes from 4 to 2, add a two-way left turn lane or median, and add bike lanes.	SOL110037		\$412,402
<b>Solano County</b>							<b>\$195,553,487</b>	<b>\$1,573,627,045</b>

**TIP Project Listings by County**  
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Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Sonoma	Cloverdale	Local Road	Expansion	Cloverdale - Safe Routes to School Phase 2	Cloverdale: Various Locations: Construct sidewalks and add Class II bike lanes	SON130016		\$267,044
Sonoma	Cotati	Local Road	Maintenance/Rehabilitation	E. Cotati Avenue Street Rehabilitation Project	Cotati: E. Cotati Avenue from the railroad tracks east to the City limits: Repave street, landscape the median, update traffic signs, and repair and restore sidewalks to ADA compliance	SON170015		\$763,000
Sonoma	Healdsburg	Local Road	System Management	Healdsburg Avenue Complete Streets Improvements	Healdsburg: On Healdsburg Ave from Powell Ave to Passalaqua Rd: Implement complete streets improvements for all modes of travel including reducing travel lanes from 5 to 3	SON170024	\$1,000,000	\$1,250,000
Sonoma	MTC	Local Road	System Management	Regional Planning Activities and PPM - Sonoma	Sonoma County: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	SON170002	\$628,000	\$7,276,181
Sonoma	Petaluma	Local Road	System Management	Petaluma Blvd South Road Diet at E Street	Petaluma Blvd from E St to Crystal Ln: Rehab pavement, reconfigure lanes for smoother traffic flow, add class 2 bike lanes and signal modifications: Petaluma Blvd from E St to Mountain View Ave: Reduce	SON170011	\$2,972,000	\$3,295,100
Sonoma	Petaluma	Transit	Maintenance/Rehabilitation	Petaluma: Transit Yard & Facilities Improvements	Petaluma: Transit Yard and Facility: Improvements to enhance security and maintain a state of good repair, including pavement repair and upgrades, video surveillance system, office security, yard lighting,	SON170005		\$226,785
Sonoma	Petaluma	Transit	Maintenance/Rehabilitation	Petaluma AVL Equipment	Petaluma: Systemwide: Purchase and maintain AVL system equipment for fixed route vehicle.	SON170017		\$224,000
Sonoma	Petaluma	Transit	Maintenance/Rehabilitation	Petaluma Purchase 1 Remanufactured Fixed Route Bus	Petaluma: 1 bus: Purchase replacement remanufactured 40' Fixed Route Bus	SON170018		\$226,667
Sonoma	Petaluma	Transit	Maintenance/Rehabilitation	Petaluma: Replace 2 Paratransit Cutaways	Petaluma: Petaluma Paratransit: Replace two (2) paratransit vans	SON170020		\$180,000
Sonoma	Petaluma	Transit	Maintenance/Rehabilitation	Petaluma: Purchase Replacement Paratransit Van	Petaluma: Systemwide: Replace paratransit vehicles which have reached the end of their useful life.	SON190004		\$184,000
Sonoma	Petaluma	Transit	Maintenance/Rehabilitation	Petaluma Transit: Security Systems Upgrade	Petaluma: Systemwide: Upgrade audio-visual on-board surveillance system in order to replace an aging system	SON190005		\$50,000
Sonoma	Petaluma	Transit	Operations	Petaluma Transit: ADA Set-Aside	Petaluma Transit: Annual ADA Set-Aside	SON150007		\$657,180
Sonoma	Petaluma	Transit	Operations	Petaluma: COVID-19 Emergency Transit Operations	Petaluma: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and	SON190008	\$562,604	\$1,060,946
Sonoma	Rohnert Park	Local Road	Maintenance/Rehabilitation	Rohnert Park Various Streets Rehabilitation	Rohnert Park: On State Farm Drive from Rohnert Park Expressway to approximately 200 feet north of Professional Center Drive: Rehabilitate roadway	SON170016		\$1,826,000
Sonoma	Santa Rosa	Local Road	Expansion	Highway 101 Bicycle and Pedestrian Overcrossing	Santa Rosa: Over Highway 101 in the vicinity of the Santa Rosa Junior College and the Coddington Mall: Construct a Class I shared-use ADA accessible bicycle and pedestrian bridge	SON170012	\$2,013,000	\$28,113,000
Sonoma	Santa Rosa	Local Road	Maintenance/Rehabilitation	Santa Rosa Pavement Rehab of Various Streets	In Santa Rosa: Various locations: Pavement rehabilitation; Various locations: Restripe roadways to add Class II bike lanes	SON170023	\$1,869,423	\$2,049,423
Sonoma	Santa Rosa	Local Road	System Management	Jennings Ave Bike & Ped RR Crossing Corridor	In Santa Rosa: At Jennings Ave and SMART railroad tracks: Construct a bicycle and pedestrian crossing and develop a Safe Routes to School service program focusing on education and awareness for the	SON150003		\$1,761,000
Sonoma	Santa Rosa	Local Road	System Management	SantaRosa Downtown Comm Infrastructure Enhancement	Santa Rosa: In downtown and Railroad Square: Upgrade the existing traffic signal interconnect infrastructure from copper wire to a fiber optic backbone.	SON190011	\$452,000	\$452,000

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Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Sonoma	Santa Rosa	State Highway	System Management	US 101 Hearn Ave Interchange	Santa Rosa: US 101/Hearn Avenue over-crossing/interchange: Replace the US 101/Hearn Avenue over-crossing/interchange with a new over crossing/interchange including bike lanes, sidewalks, and re-	SON150006		\$34,650,000
Sonoma	SantaRosa Bus	Transit	Maintenance/Rehabilitation	Santa Rosa CityBus: Preventative Maintenance	Santa Rosa CityBus: Preventative Maintenance program for agency fleet	SON090024		\$11,573,051
Sonoma	SantaRosa Bus	Transit	Maintenance/Rehabilitation	SantaRosa Bus: Bus Replacement Purchase	Santa Rosa: Bus: Fixed Route Vehicle: Replace four aging fixed route diesel buses for operation purposes.	SON150008		\$3,622,676
Sonoma	SantaRosa Bus	Transit	Maintenance/Rehabilitation	Santa Rosa CityBus: Electric Bus Replacement	Santa Rosa CityBus: Four local transit buses: Replace with Four electric buses and purchase related charging equipment	SON170026		\$3,513,708
Sonoma	SantaRosa Bus	Transit	Operations	Santa Rosa CityBus: Operating Assistance	Santa Rosa CityBus: System-wide: Operating Assistance to Transit Agency	SON090023		\$29,527,522
Sonoma	SantaRosa Bus	Transit	Operations	Santa Rosa CityBus-paratransit operations	Santa Rosa CityBus: Provide operating assistance to Santa Rosa Paratransit.	SON170003		\$1,948,252
Sonoma	SantaRosa Bus	Transit	Operations	SR CityBus: COVID-19 Emergency Transit Operations	Santa Rosa CityBus: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE	SON190009	\$1,581,689	\$4,075,668
Sonoma	Sebastopol	Local Road	Maintenance/Rehabilitation	Bodega Avenue Bike Lanes and Pavement Rehab	Sebastopol: Bodega Ave from Pleasant Hill Ave to High St: Rehabilitate pavement, fill in sidewalk gaps, widen pavement, add bike lanes, and implement pedestrian safety improvements	SON170021	\$2,440,729	\$2,656,729
Sonoma	SMART	Transit	Operations	SMART: COVID-19 Emergency Transit Operations	SMART: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	SON190010	\$4,577,061	\$14,952,532
Sonoma	Son Co Reg Park	Local Road	Expansion	Central Sonoma Valley Trail	In the unincorporated area of Sonoma County: Near City of Sonoma from Larson Park to Flowery Elementary School and along Verano Avenue from Sonoma Creek to Main Street: construct 0.42 miles of a	SON110050		\$625,000
Sonoma	Son Co Reg Park	Public Lands/ Trails	Maintenance/Rehabilitation	Joe Rodota Trail Bridge Replacement	Sonoma County: On the Joe Rodota Trail near the City of Sebastopol: Remove and replace two deteriorating bicycle and pedestrian bridges	SON170025	\$598,000	\$870,000
Sonoma	Son Co TA	Local Road	System Management	Santa Rosa Car Share	Santa Rosa: Various locations: Establish nine car share vehicles at four pods.	SON150010		\$390,130
Sonoma	Son Co TA	Local Road	System Management	Sonoma County - County-Wide SRTS Program	Sonoma County: Countywide: Safe Routes to Schools Education Program in schools, while encouraging schools to lead their own ongoing programs, with a goal of increasing active or shared modes of	SON170009		\$2,310,000
Sonoma	Son Co TA	State Highway	Expansion	US 101 Marin/Sonoma Narrows (Sonoma)	Marin and Sonoma Counties (Sonoma County Portion): From SR37 in Novato to Old Redwood Highway in Petaluma: convert expressway to freeway; Between Lakeville Highway and East Washigton Street:	SON070004		\$373,527,000
Sonoma	Son Co TA	State Highway	System Management	Highway 116/121 Intersection Improvement Project	Sonoma County: Southwest of the City of Sonoma at the intersection of State Routes 116, and 121, and Bonneau Road: Improve intersection	SON150009		\$21,580,000
Sonoma	Son Co Transit	Transit	Maintenance/Rehabilitation	Sonoma Co Transit: Preventive Maintenance Program	Sonoma County Transit: Preventive maintenance program for agency fleet.	SON030005		\$19,569,402
Sonoma	Son Co Transit	Transit	Maintenance/Rehabilitation	Sonoma County Transit: Replacement CNG Buses	Sonoma County Transit: two vehicles: Replace two 40-foot compressed natural gas (CNG)-fueled buses.	SON150012		\$912,200
Sonoma	Son Co Transit	Transit	Maintenance/Rehabilitation	Sonoma County Transit: Replace 2006 CNG Buses	Sonoma County Transit: 5 vehicles: Replace five 40-foot CNG-fueled buses.	SON150013		\$2,520,836

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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Sonoma	Son Co Transit	Transit	Maintenance/Rehabilitation	Sonoma County Transit: Replace 2009 CNG Buses	Sonoma County Transit: Three 40-foot CNG-Fueled Buses: Replace with similar buses	SON170006		\$2,212,343
Sonoma	Son Co Transit	Transit	Operations	Sonoma Co Transit: COVID-19 Emergency Transit Ops	Sonoma County Transit: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of	SON190007	\$2,758,113	\$5,772,595
Sonoma	Sonoma City	Local Road	Expansion	Fryer Creek Pedestrian and Bicycle Bridge	Sonoma: At Newcomb Street over Fryer Creek: Construct a new bicycle and pedestrian bridge and path as well as circulation and accessibility improvements to Newcomb Street and Fryer Creek Drive.	SON170022	\$566,000	\$724,992
Sonoma	Sonoma County	Local Road	Expansion	Replace Hauser Bridge over Gualala River 20C0240	In Sonoma: Bridge No.20C0240,Hauser Road Bridge over over South Fork Gualala River, 5 Mi east of Seaview Road. Replace existing one-lane bridge with a new two-lane bridge	SON110025		\$6,179,688
Sonoma	Sonoma County	Local Road	Expansion	Crocker Bridge Bike and Pedestrian Passage	Sonoma County: On existing north piers of Crocker Bridge: Construct a Class 1 bicycle and ped facility	SON170014	\$2,741,000	\$3,491,000
Sonoma	Sonoma County	Local Road	Maintenance/Rehabilitation	Sonoma County Various Streets & Roads Preservation	Sonoma County: Various locations: Rehabilitate pavement	SON130010		\$3,815,000
Sonoma	Sonoma County	Local Road	Maintenance/Rehabilitation	Bodega Highway Pavement Rehabilitation	Bodega Hwy: Beginning at the intersection of Sexton Lane and ending at the Sebastopol City Limits: The Project length is approximately 2 miles. The scope of work will includes pavement rehabilitation,	SON130015		\$1,190,000
Sonoma	Sonoma County	Local Road	Maintenance/Rehabilitation	Sonoma County - River Road Pavement Rehab	Sonoma County: River Rd from Trenton-Healdsburg Rd to just west of the SMART right-of-way (PM 19.77 to 24.60): Rehabilitation of pavement and striping for bike lanes	SON170010		\$3,687,000
Sonoma	Sonoma County	Local Road	Maintenance/Rehabilitation	Rehabilitaiton of Various Roads in Sonoma County	Sonoma County: Various streets and roads: Preserve and rehabilitate pavement and improve pedestrian and bike access	SON170013		\$2,929,000
Sonoma	Sonoma County	Local Road	System Management	Sonoma SRTS High School Pilot	In Sonoma County: Countywide: Safe routes to school high school pilot program to shift mode away from single family vehicular trips to bicycle/pedestrian/carpooling/bussing.	SON150011		\$872,000
Sonoma	Windsor	Local Road	System Management	Conde Ln/Johnson St Pedestrian Improvements	In Town of Windsor: At the intersection of Conde Lane and Johnson Street: Realign intersection to eliminate stop signs on Conde Lane. Johnson Street becomes right in and right out only. Add RRFB	SON130012		\$605,000
Sonoma	Windsor	Local Road	System Management	Bell Rd/Market St/Windsor River Rd Ped Improvement	In Windsor: At the intersection of Bell Road-Market Street and Windsor River Road: Install a traffic signal and install pedestrian and bicycle signal equipment.	SON130013		\$715,500
Sonoma	Windsor	Local Road	System Management	Windsor River Road/Windsor Road Intersection Imps	Windsor: At the Windsor River Road/Windsor Road/SMART intersection: Construct rail crossing safety improvements, multi-use path, pedestrian and vehicle traffic improvements.	SON170001	\$5,000,000	\$5,800,000
<b>Sonoma County</b>							<b>\$29,759,619</b>	<b>\$616,681,150</b>

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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Regional/ Multi-County	ACE	Transit	System Management	ACE Positive Train Control	ACE: System-wide: Install an advanced train control system that allows for automated collision prevention, improved manual collision prevention, and improved headways.	REG110044		\$34,325,358
Regional/ Multi-County	BAAQMD	Regional	System Management	Spare the Air	San Francisco Bay Area: Region-wide: Spare the Air Campaign - Inform/educate the public about ozone problems, notify when Spare the Air days are called and encourage use of transit, ridesharing, etc	REG170019		\$5,000,000
Regional/ Multi-County	BAAQMD	Regional	System Management	Electric Vehicle Programs and Outreach	San Francisco Bay Area: Inform/educate the public about electric vehicles, infrastructure and purchasing programs.	REG170020		\$5,000,000
Regional/ Multi-County	BAAQMD	Regional	System Management	Electric Vehicle Infrastructure/Vehicle Buyback	SF Bay Area: Regionwide: Install EV charging stations along transportation corridors, at workplaces, MUDs and park and ride lots. Scrap operable 1994 and older vehicles and provide funding for EV	REG170021		\$10,000,000
Regional/ Multi-County	BAIFA	Tollway	System Management	Regional Express Lane Network	SF Bay Area: Regionwide: Program-level project costs to support the Regional Express Lane Network deployment including program (planning, coordination, & management), centralized toll system,	REG130004		\$78,011,000
Regional/ Multi-County	BAIFA	Tollway	System Management	ALA/CC-80 and Bay Bridge Approach Express Lanes	In Alameda/Contra Costa counties: On I-80 from the Carquinez Bridge to Powell and the Bay Bridge Approaches: Convert HOV lanes to express lanes. Project also references RTP ID 17-10-0045.	VAR170003		\$98,300,000
Regional/ Multi-County	BART	Transit	Expansion	BART Transbay Core Capacity Improvements	BART: Systemwide: Implement communication-based train control (CBTC) system, expand rail car fleet by 306 vehicles, add traction power substations (5); At Hayward Maintenance Complex; Expand	REG170017	\$174,110,000	\$3,510,700,000
Regional/ Multi-County	BART	Transit	Maintenance/ Rehabilitation	BART Train Control Renovation	BART: Systemwide: Replace obsolete elements and subsystems of the train control system.	BRT030004		\$263,968,188
Regional/ Multi-County	BART	Transit	Maintenance/ Rehabilitation	BART: Traction Power System Renovation	BART: Systemwide: Replace obsolete elements and subsystems of the traction power system to maintain and improve reliability and safety	BRT030005		\$227,628,454
Regional/ Multi-County	BART	Transit	Maintenance/ Rehabilitation	BART: Rail, Way and Structures Program	BART: Systemwide: Replace worn out mainline rail and make other timely reinvestments in way.	BRT97100B		\$297,027,833
Regional/ Multi-County	BART	Transit	Maintenance/ Rehabilitation	BART Car Exchange (Preventive Maintenance)	BART: Systemwide: Preventive maintenance program, including maintenance of rail cars and other system components in exchange for local funds to the BART car replacement reserve.	REG050020		\$674,384,612
Regional/ Multi-County	BART	Transit	Maintenance/ Rehabilitation	BART: Railcar Procurement Program	BART: Procure 790 Railcars (includes the replacement of 669 Railcars)	REG090037	\$4,000,000	\$2,728,299,247
Regional/ Multi-County	BART	Transit	System Management	BART:ADA Paratransit Capital Accessibility Improve	BART: At various stations: Capital Access Improvements Program including, station elevator improvements, installation of hands-free emergency telephones, and tactile stair tread replacement	BRT99T01B		\$53,870,546
Regional/ Multi-County	BART	Transit	System Management	Transit-Oriented Development Pilot Planning Progra	Oakland and San Francisco: Around BART Stations: Develop a comprehensive TOD strategy that fills the remaining gaps in transportation management and development implementation in the Transbay	REG150005		\$1,420,000
Regional/ Multi-County	BART	Transit	System Management	BART Integrated Carpool to Transit Access Program	BART: Systemwide: Program to better integrate carpool access to public transit by matching carpools through an app. The app facilitates carpool matching, payment, and parking space reservation at the	REG170008		\$521,000
Regional/ Multi-County	BART	Transit	System Management	BART Train Seat Modification	BART: On up to 360 existing BART cars: Remove 7 seats to provide immediate relief for passengers in the peak period commute hours	REG170009		\$1,698,000

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County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Regional/ Multi-County	BART	Transit	System Management	BART: TOD Implementation	Alameda, Contra Costa, San Francisco Counties: On BART property in BART station areas: Planning assistance to support transit oriented development	VAR190002	\$3,610,000	\$5,192,000
Regional/ Multi-County	Caltrain	Transit	Maintenance/ Rehabilitation	Caltrain: Revenue Vehicle Rehab Program	Caltrain: Systemwide: Provide overhauls and repairs/replacements to key components of the Caltrain rolling stock to maintain it in a state of good repair.	REG090051		\$14,846,186
Regional/ Multi-County	Caltrain	Transit	Maintenance/ Rehabilitation	Caltrain: Signal/Communication Rehab. & Upgrades	Caltrain: Systemwide: Rehabilitate existing signal system and upgrade/replace communication equipment.	SM-050041		\$46,878,323
Regional/ Multi-County	Caltrain	Transit	System Management	Caltrain Positive Train Control System	Caltrain: Systemwide: Implement PTC, an advanced train control system that allows for automated collision prevention, and improved manual collision prevention.	REG110030		\$258,100,000
Regional/ Multi-County	Caltrans	Local Road	Maintenance/ Rehabilitation	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	GL: Local Bridge Rehab/Recon. - Local Highway Bridge Program(HBP) or Highway Bridge Replacement and Rehabilitation (HBRR). Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories.	VAR170012	\$565,146,664	\$814,293,891
Regional/ Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	GL: Pavement Resurfacing/Rehab SHS - Highway Maint	GL: Pavement Resurf/Rehab State Highway System - Highway Maintenance. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Pavement resurfacing and/or	VAR170004		\$53,394,000
Regional/ Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Regionwide: Various Locations: Projects consistent with 40CFR93.126 Exempt Tables 2 categories - Pavement resurfacing and/or rehabilitation, Emergency relief (23 U.S.C. 125), Widening narrow	VAR170006	\$761,670,000	\$1,420,945,000
Regional/ Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	GL: Emergency Repair - SHOPP Emergency Response	Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories	VAR170008	\$153,598,000	\$788,184,000
Regional/ Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	GL: Bridge Rehab and Reconstruction - SHOPP	Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Widening narrow pavements or reconstructing bridges (no additional travel lanes).	VAR170010	\$508,895,000	\$1,215,402,000
Regional/ Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	GL: Shoulder Imprv - SHOPP Roadside Preservation	Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 categories - Fencing,Safety roadside rest areas	VAR170011	\$10,872,000	\$18,480,000
Regional/ Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	GL: Pvmt Resurf/Rehab State Hwy Sys - SHOPP Minor	GL: Pavement Resurf/Rehab State Hwy System - SHOPP Minor. Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories	VAR190001	\$26,719,000	\$45,068,000
Regional/ Multi-County	Caltrans	State Highway	System Management	GL: Highway Safety Improvement Program	GL: Safety Imprv - Highway Safety Improvement Program: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories.	VAR170002	\$32,042,130	\$72,836,533
Regional/ Multi-County	Caltrans	State Highway	System Management	GL: Safety Improvements - SHOPP Mobility Program	SF Bay Area: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories	VAR170005	\$355,773,000	\$501,470,000
Regional/ Multi-County	Caltrans	State Highway	System Management	GL: Safety Imprv. - SHOPP Collision Reduction	Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories	VAR170007	\$318,806,000	\$898,611,000
Regional/ Multi-County	Caltrans	State Highway	System Management	GL: Safety Improvements - SHOPP Mandates	Regionwide: Various Locations: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories	VAR170009	\$148,191,000	\$232,991,000
Regional/ Multi-County	Caltrans	State Highway	System Management	GL: Railroad-Highway Crossing	GL: Railroad/Highway Crossings. Projects are consistent with 40 CFR 93.126 Exempt Tables 2 categories - Railroad/highway crossing	VAR170017	\$3,375,000	\$23,746,288

**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Regional/ Multi-County	MTC	Local Road	Maintenance/ Rehabilitation	Regional Streets and Roads Program	SF Bay Area: Regionwide: Regional Streets and Roads Program including providing assistance to Bay Area agencies to implement & maintain computerized pavement management system (PMS),	REG090039	\$350,000	\$27,977,421
Regional/ Multi-County	MTC	Local Road	System Management	Bay Area Housing Initiatives	SF Bay Area: Regionwide: Establish land acquisition and land banking financing fund and Bay Area Preservation Pilot to maximize the production and preservation of affordable housing near transit stations;	REG130005		\$30,000,000
Regional/ Multi-County	MTC	Local Road	System Management	Regional Planning Activities and PPM - MTC	Regional: Regional Planning Activities and Planning, Programming and Monitoring (PPM)	REG170001	\$3,052,000	\$16,638,000
Regional/ Multi-County	MTC	Local Road	System Management	Reg. Prog. for Arterial System Synchronization	SF Bay Area: Regionwide: Develop plans to guide arterial system integration and operations investments, and provide project management and traffic engineering/tech assistance (including	REG170010		\$5,650,000
Regional/ Multi-County	MTC	Local Road	System Management	Shared Use Mobility	SF Bay Area: Regionwide: Implement innovative projects & initiatives that promote shared forms of technology-based transportation options, may include pilot microtransit programs of no more than five	REG170012		\$2,500,000
Regional/ Multi-County	MTC	Local Road	System Management	Innovative Deployments to Enhance Arterials Ct 1&2	SF Bay Area: Region-wide: Deploy advanced technologies along arterial to enhance mobility and safety across all modes, including Connected/Automated vehicles, demonstration/pilot queue jump lanes	REG170015		\$13,734,100
Regional/ Multi-County	MTC	Local Road	System Management	Bike Share Capital Program	Fremont, Richmond, and Marin and Sonoma Counties, along the SMART Corridor: Various Locations: Implement bike / bicycle sharing	VAR170024	\$700,000	\$3,284,000
Regional/ Multi-County	MTC	Regional	System Management	511 Traveler Information	SF Bay Area: Regionwide: Provides multimodal, accurate, reliable, and accessible traveler information on multiple dissemination platforms, serves as the go-to source during major disruptions and	REG090042		\$106,120,000
Regional/ Multi-County	MTC	Regional	System Management	Bay Bridge Forward - Commuter Parking Initiative	Albany and Oakland: At I-80/Buchanan Ave, I-880/High St, I-880/Fruitvale: Establish commuter parking in East Bay including parking management technologies, to encourage carpool and express bus	REG170004		\$12,000,000
Regional/ Multi-County	MTC	Regional	System Management	Spare the Air Youth	Regional: Education and Outreach: Program designed to reduce greenhouse gas emissions and vehicle miles traveled through education and encouragement programs for youth and families.	REG170006		\$2,463,000
Regional/ Multi-County	MTC	Regional	System Management	511 Next Gen	SF Bay Area: Regionwide: Provide free multi-modal traveler information via multiple platforms. Given the public's increasing reliance on private sector services, 511 will focus on being a data provider to	REG170013	\$5,372,000	\$33,598,000
Regional/ Multi-County	MTC	Regional	System Management	Active Operations Management	SF Bay Area: Regionwide: Planning and design assessments of various multi-modal operational projects and policies.	REG170014	\$9,687,000	\$23,937,000
Regional/ Multi-County	MTC	Regional	System Management	Regional Planning - PDA Implementation	SF Bay Area: Regionwide: Planning Assistance to support transportation investments and improve their performance in priority development areas.	REG170016	\$10,279,000	\$19,936,744
Regional/ Multi-County	MTC	Regional	System Management	Bay Bridge Forward-Commuter Parking Initiative O&M	Albany and Oakland: I-80/Buchanan Ave, I-880/High St, and I-880/Fruitvale: operations and maintenance of commuter parking	REG170024		\$2,500,000
Regional/ Multi-County	MTC	Regional	System Management	Community Based Transportation Planning	SF Bay Area: Regionwide: Develop and/or update locally-led plans to address the mobility needs of low-income household's in the region's 35 Communities of Concern (CBTP)	REG170025		\$1,504,536
Regional/ Multi-County	MTC	Regional	System Management	Targeted Transportation Alternatives	SF Bay Area: Region-wide: Implement a digitally-based personalized travel assistance program that provides targeted audiences with travel information to shift from solo driving to sustainable forms of	REG170027		\$325,000



**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Regional/ Multi-County	MTC	Regional	System Management	Regional Car Sharing	SF Bay Area: Region-wide: Implement strategies to grow carsharing in the Bay Area including developing policies and regulations, increasing the number of carshare vehicles, developing incentives and	REG170028		\$1,200,411
Regional/ Multi-County	MTC	Regional	System Management	FPP: I-80 in Alameda, Contra Costa and SF	I-80: Alameda, Contra Costa and SF Counties between the Carquinez Bridge and Fremont St: Conduct studies to identify a range of innovative near- to mid-term operational improvement and demand	VAR190003		\$3,000,000
Regional/ Multi-County	MTC	State Highway	System Management	Freeway Performance Initiative (FPI)	SF Bay Area: Regionwide: Design, implement and maintain ramp metering, Traffic Operation Systems (TOS), and other Freeway Performance Initiative (FPI) projects on major congested freeways throughout	REG090003		\$307,005,638
Regional/ Multi-County	MTC	State Highway	System Management	Connected Bay Area	SF Bay Area: Regionwide: Implement a collective approach to freeway operations and management, including communications network building, and traffic management systems and software; Along the I-	REG170002	\$12,440,000	\$19,090,000
Regional/ Multi-County	MTC	State Highway	System Management	511 Carpool and Vanpool Programs	SF Bay Area: Regionwide: Operate Carpool and Vanpool Programs. Toll credits applied in lieu of match; non-federal funds are non-participating	REG170003		\$17,590,222
Regional/ Multi-County	MTC	State Highway	System Management	Bay Bridge Forward - Flexible On-Demand Transit	SF Bay Area: Region-Wide: Provide on-demand transit services between East Bay and San Francisco, including related supportive transportation demand management strategies.	REG170005		\$1,000,000
Regional/ Multi-County	MTC	State Highway	System Management	Incident Management Program	SF Bay Area: Regionwide: Manage congestion by implementing strategies to enhance mobility and safety, and reduce the impacts of traffic incidents, including advanced transportation management	REG170007		\$4,677,000
Regional/ Multi-County	MTC	State Highway	System Management	Connected & Automated Vehicles	SF Bay Area: Regionwide: Deploy demonstration CV/AV technologies to prepare the region for future connected and automated vehicles and support strategies, including technical assistance. Toll credits	REG170018		\$2,500,000
Regional/ Multi-County	MTC	State Highway	System Management	Bay Bridge Forward - Casual Carpool	San Francisco and the East Bay: Along I-80 corridor: Establish and improve casual carpool pick-up locations at key locations in San Francisco and along I-80 and in East Bay.	VAR170013		\$1,000,000
Regional/ Multi-County	MTC	State Highway	System Management	Bay Bridge Forward - Integrated Bridge Corridor	Alameda County: Deploy ITS that integrate with SFOBB toll bridge metering lights system and Smart I-80 to improve traffic flow and information dissemination for users of the I-80, I-580, and I-880 bridge	VAR170014		\$3,000,000
Regional/ Multi-County	MTC	State Highway	System Management	Freeway Performance Program: I-880 Corridor	Alameda & Santa Clara Counties: I-880 from I-280 to I-80: Deliver operational strategies including adaptive ramp metering, advanced tech, arterial/transit priority signal upgrades & higher vehicle	VAR170021		\$3,000,000
Regional/ Multi-County	MTC	State Highway	System Management	Freeway Performance Program: SR-84	Alameda & San Mateo Counties: SR-84 from I-880 to US-101: Deliver operational strategies including adaptive ramp metering, advanced technologies, arterial/transit priority signal upgrades, & higher	VAR170023	\$4,000,000	\$4,375,000
Regional/ Multi-County	MTC	State Highway	System Management	Freeway Performance Program: SR 37	Marin, Napa, Solano, Sonoma Counties: SR-37 corridor: Develop a comprehensive and multi-benefits improvement plan for the corridor that integrates transportation, ecology and sea level rise adaptation	VAR190004		\$1,000,000
Regional/ Multi-County	MTC	Tollway	Maintenance/ Rehabilitation	Toll Bridge Maintenance	Region-wide: Seven state-owned toll bridges: routine maintenance of bridge facilities	REG130001	\$84,000,000	\$177,000,000
Regional/ Multi-County	MTC	Tollway	Maintenance/ Rehabilitation	Toll Bridge Rehabilitation Program	Bay Area: On 7 state-owned toll bridges: Rehabilitation program	REG130002	\$159,000,000	\$1,112,091,906

**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Regional/ Multi-County	MTC	Transit	Maintenance/ Rehabilitation	TCP Financing Repayment Obligations	SF Bay Area: Regionwide: Repayment of principal balance and interest costs associated with securitization of future FTA formula fund apportionments. Also references RTP IDs 17-10-0006 and 17-10-	REG170023		\$1,538,209,625
Regional/ Multi-County	MTC	Transit	Maintenance/ Rehabilitation	GL: Transit Preventive Maintenance	GL - SF Bay Area: Region-wide: Transit Preventive Maintenance	VAR190007		\$10,991,822
Regional/ Multi-County	MTC	Transit	Operations	GL: 5307 JARC Set-aside FY13-FY14 Large UA	GL: 5307 JARC Set-aside FY13 Large UA. Various 5307 (former JARC) projects in large urbanized areas. Project is consistent with 40 CFR Part 93.126, 127, 128, Exempt Tables 2 & 3.	REG110039		\$6,389,078
Regional/ Multi-County	MTC	Transit	Operations	GL: Lifeline Cycle 4 5307 JARC	GL: 5307 JARC Set-aside FY13 Small UA and FY14-FY16 Large and Small UA. Various 5307 (former JARC) projects in large and small urbanized areas. Project is consistent with 40 CFR Part 93.126 Exempt	REG150004		\$17,347,062
Regional/ Multi-County	MTC	Transit	Operations	GL: FTA 5311 Rural Area FY16	GL: FTA Section 5311 Rural Area Program, Non-ITS portion. Projects include capital and operating assistance. Projects consistent with 40 CFR Part 93.126 Exempt Table 2	VAR150001		\$3,048,098
Regional/ Multi-County	MTC	Transit	Operations	GL: FTA 5311 Rural Area FY17	GL: FTA Section 5311 Rural Area Program, Non-ITS portion. Projects include capital and operating assistance. Projects consistent with 40 CFR Part 93.126 Exempt Table 2	VAR170018		\$2,986,520
Regional/ Multi-County	MTC	Transit	Operations	GL: FTA 5311 Rural Area FY18	SF Bay Area: Regionwide: GL FTA Section 5311 Rural Area Program, Non-ITS portion. Projects include capital and operating assistance. Projects consistent with 40 CFR Part 93.126 Exempt Table 2	VAR170019		\$2,912,075
Regional/ Multi-County	MTC	Transit	Operations	GL: Lifeline Transportation Program Cycle 5	SF Bay Area: Region-wide: 5307 Lifeline set-aside from FY17 and FY18 Large and Small UA. Various 5307 Lifeline projects in large and small urbanized areas. Project is consistent with 40 CFR Part 93.126	VAR170025		\$23,877,300
Regional/ Multi-County	MTC	Transit	Operations	GL: FTA 5311 Rural Area FY19 and FY20	GL: FTA Section 5311 Rural Area Program, Non-ITS portion. Projects include capital and operating assistance. Projects consistent with 40 CFR Part 93.126 Exempt Table 2	VAR170026		\$5,674,212
Regional/ Multi-County	MTC	Transit	Operations	GL: Transit Operating Assistance	GL - SF Bay Area: Region-wide: Transit Operating Assistance	VAR190006		\$39,789,546
Regional/ Multi-County	MTC	Transit	System Management	Bay Area Commuter Benefits Program	San Francisco Bay Area: Region wide: Implement the Bay Area Commuter Benefits Program. Toll credits applied in lieu of match	MTC050001	\$406,000	\$6,785,000
Regional/ Multi-County	MTC	Transit	System Management	Clipper Fare Collection System	San Francisco Bay Area: Regionwide: Design, build, operate and maintain the Clipper fare collection system. Note: Translink became Clipper on 6/16/10.	REG090045		\$128,233,455
Regional/ Multi-County	MTC	Transit	System Management	Clipper® 2.0 Fare Payment System	SF Bay Area: Regionwide: Implement a wholesale replacement of the Clipper backend system and all customer facing fare devices, modernization of retail and customer service, and expansion of ways to	REG170022		\$248,520,000
Regional/ Multi-County	MTC	Transit	System Management	MTC: COVID-19 Emergency Transit Operations	MTC: Regionwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	REG190001	\$1,905,786	\$12,884,193
Regional/ Multi-County	MTC	Transit	System Management	GL: FTA Section 5310 Program FY18 and FY19	SF Bay Area: Region-Wide: Enhanced Mobility for Seniors and Persons with Disabilities Program Lump Sum Listing. Project include Vehicle replacements, minor expansion & office equip. Consist with 40 CFR	VAR190005		\$14,130,385

**TIP Project Listings by County**  
**2021 TIP: FY20/21 through FY23/24**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	Project Name	Project Description	TIP ID	Current 4-Year TIP Funding	Total Funding (All Years)
Regional/ Multi-County	SMART	Transit	Expansion	Sonoma Marin Area Rail Corridor	Between Sonoma and Marin Counties: On NWP rail line: Implement passenger rail service and non-motorized pathway. Project also references RTP ID 17-03-0015	SON090002	\$10,757,000	\$640,981,625
Regional/ Multi-County	WETA	Transit	Expansion	Ferry Service - Berkeley	WETA: Berkeley: Provide ferry service from Berkeley to San Francisco.	MTC050027	\$6,319,664	\$8,934,664
Regional/ Multi-County	WETA	Transit	Maintenance/ Rehabilitation	WETA: Ferry Channel & Berth Dredging	WETA: Various service areas: Dredge ferry channel, ferry basin and berth	REG090054		\$6,395,000
Regional/ Multi-County	WETA	Transit	Maintenance/ Rehabilitation	WETA: Ferry Propulsion System Replacement	WETA: Fleetwide: A mid-life overhaul is scheduled when a ferry reaches approximately 12.5 years of service life. Equipment service hours and specific vessel needs may affect the timing of the projects.	REG090055		\$30,817,000
Regional/ Multi-County	WETA	Transit	Maintenance/ Rehabilitation	WETA: Ferry Major Component Rehab/Replacement	WETA: Fleetwide: Rehabilitate and/or replacement major ferry components including shafts, propellers, navigation systems, onboard monitoring and alarm systems, interior components, boarding	REG090057		\$29,084,462
Regional/ Multi-County	WETA	Transit	Maintenance/ Rehabilitation	WETA: Fixed Guideway Connectors	WETA: Various locations: This project will replace/rehab fixed guideway connectors such as floats, floating barges, ramps and gangways throughout the system.	REG090067		\$14,625,552
Regional/ Multi-County	WETA	Transit	Maintenance/ Rehabilitation	WETA: Facilities Rehabilitation	WETA: Various Locations: Rehabilitate ferry facilities in order to maintain existing transit services.	REG110020		\$330,514
Regional/ Multi-County	WETA	Transit	Operations	WETA: COVID-19 Emergency Transit Operations	WETA: Systemwide: Capital, planning and operating assistance related to the coronavirus public health emergency including costs to shutdown, maintain and restart service, purchase of PPE and supplies,	VAR190008	\$6,227,645	\$18,756,858
<b>Regional/ Multi-County</b>							<b>\$3,381,303,889</b>	<b>\$19,171,994,483</b>

**TIP Project Listings - Funding by Phase**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Alameda	AC Transit	Transit	AC Transit: East Bay Bus Rapid Transit	Expansion	ALA150004	\$67,353,099	\$1,500,000	\$136,716,014		\$205,569,113
Alameda	AC Transit	Transit	AC Transit: SFOBB Forward	Expansion	ALA150052			\$12,425,167		\$12,425,167
Alameda	AC Transit	Transit	AC Transit: Facilities Upgrade	Maintenance/ Rehabilitation	ALA010034			\$55,663,370		\$55,663,370
Alameda	AC Transit	Transit	AC Transit: Purchase (10) Double-Deck Diesel Buses	Maintenance/ Rehabilitation	ALA150038			\$10,248,896		\$10,248,896
Alameda	AC Transit	Transit	AC Transit: Purchase (10) 40' Buses-Fuel Cell ZEB	Maintenance/ Rehabilitation	ALA150039			\$12,797,000		\$12,797,000
Alameda	AC Transit	Transit	AC Transit: PM - Exchange for 40ft Fuel Cell ZEB	Maintenance/ Rehabilitation	ALA150045			\$5,936,700		\$5,936,700
Alameda	AC Transit	Transit	AC Transit: Purchase 36 Coach Buses (MCIs)	Maintenance/ Rehabilitation	ALA170027			\$29,356,351		\$29,356,351
Alameda	AC Transit	Transit	AC Transit: Purchase (35) 40ft Diesel Buses	Maintenance/ Rehabilitation	ALA170028			\$18,795,000		\$18,795,000
Alameda	AC Transit	Transit	AC Transit: Preventive Maintenance (Swap)	Maintenance/ Rehabilitation	ALA170029			\$22,650,000		\$22,650,000
Alameda	AC Transit	Transit	AC Transit: Preventive Maintenance (Deferred Comp)	Maintenance/ Rehabilitation	ALA170030			\$975,800		\$975,800
Alameda	AC Transit	Transit	AC Transit: 5 Battery Electric Bus purchase	Maintenance/ Rehabilitation	ALA170041			\$6,377,448		\$6,377,448
Alameda	AC Transit	Transit	AC Transit:AC Transit: Replace 50 40-ft Diesels	Maintenance/ Rehabilitation	ALA170081			\$28,887,533		\$28,887,533
Alameda	AC Transit	Transit	AC Transit: Purchase 40 Zero-Emission Buses	Maintenance/ Rehabilitation	ALA170082			\$42,381,448		\$42,381,448
Alameda	AC Transit	Transit	AC Transit: Paratransit Van Replacement	Maintenance/ Rehabilitation	ALA990052			\$27,177,968		\$27,177,968
Alameda	AC Transit	Transit	AC Transit: COVID-19 Emergency Transit Operations	Operations	ALA190023			\$114,160,204		\$114,160,204
Alameda	AC Transit	Transit	AC Transit: ADA Paratransit Assistance	Operations	ALA990076			\$133,820,056		\$133,820,056
Alameda	AC Transit	Transit	AC Transit: South County Corridors	System Management	ALA150020	\$564,781		\$5,293,803		\$5,858,584
Alameda	AC Transit	Transit	San Pablo and Telegraph Ave Rapid Bus Upgrades	System Management	ALA170059	\$983,000		\$9,017,000		\$10,000,000
Alameda	ACE	Transit	ACE Platform Extensions	Expansion	ALA170042	\$2,944,000		\$8,456,000		\$11,400,000
Alameda	ACE	Transit	ACE Track Improvements.	Maintenance/ Rehabilitation	ALA010056			\$18,161,681		\$18,161,681
Alameda	ACE	Transit	ACE Preventative Maintenance	Maintenance/ Rehabilitation	ALA110099			\$4,224,251		\$4,224,251
Alameda	ACE	Transit	ACE: Railcar Midlife Overhaul	Maintenance/ Rehabilitation	ALA170079			\$15,067,932		\$15,067,932
Alameda	ACE	Transit	ACE Fixed Guideway (Capital Lease)	Operations	ALA170048			\$8,134,800		\$8,134,800
Alameda	ACTC	Local Road	7th Street Grade Separation East	Maintenance/ Rehabilitation	ALA170085	\$27,000,000		\$225,000,000		\$252,000,000
Alameda	ACTC	Local Road	7th Street Grade Separation West	Maintenance/ Rehabilitation	ALA170086	\$19,000,000		\$146,000,000		\$165,000,000
Alameda	ACTC	Local Road	Alameda County Safe Routes to School	System Management	ALA110033			\$24,568,665		\$24,568,665
Alameda	ACTC	Local Road	Freight Intelligent Transportation System (FITS)	System Management	ALA170087	\$6,600,000		\$24,021,364		\$30,621,364
Alameda	ACTC	Public Lands/ Trails	East Bay Greenway	Expansion	ALA150008	\$28,501,000	\$14,000,000	\$161,000,000		\$203,501,000
Alameda	ACTC	State Highway	SR 84 Expressway Widening	Expansion	ALA050014	\$12,000,000	\$24,821,000	\$83,498,000		\$120,319,000
Alameda	ACTC	State Highway	I-880 North Safety Improvements	Expansion	ALA050019	\$11,697,000	\$20,499,000	\$76,434,000		\$108,630,000
Alameda	ACTC	State Highway	I-80 Gilman Interchange Improvements	Expansion	ALA050079	\$11,784,880	\$2,645,000	\$47,294,000		\$61,723,880
Alameda	ACTC	State Highway	I-680 NB HOV/HOT Lane	Expansion	ALA130034	\$23,770,000	\$6,720,000	\$167,708,000		\$198,198,000
Alameda	ACTC	State Highway	Rte 84 Widening, south of Ruby Hill Dr to I-680	Expansion	ALA150001	\$23,006,000	\$20,500,000	\$200,594,000		\$244,100,000
Alameda	ACTC	State Highway	I-880/Whipple Rd Industrial Pkwy SW I/C Imps	Expansion	ALA170005	\$11,500,000	\$3,325,000	\$65,175,000		\$80,000,000
Alameda	ACTC	State Highway	I-580/680 Interchange HOV/HOT Widening	Expansion	ALA170008	\$33,000,000	\$15,000,000	\$252,000,000		\$300,000,000
Alameda	ACTC	State Highway	I-680 Express Lane Gap Closure: SR-84 to Alcosta	Expansion	ALA170009	\$30,500,000	\$12,000,000	\$437,500,000		\$480,000,000
Alameda	ACTC	State Highway	I-880 NB HOV/HOT: North of Hacienda to Hegenberger	Expansion	ALA170010	\$25,000,000	\$15,000,000	\$181,000,000		\$221,000,000
Alameda	ACTC	State Highway	East-West Connector in Fremont & Union City	Expansion	ALA978004	\$21,087,596	\$35,454,918	\$179,457,486		\$236,000,000
Alameda	ACTC	State Highway	Oakland/Alameda Access Project	System Management	ALA070009	\$13,500,000	\$1,000,000	\$68,500,000		\$83,000,000
Alameda	ACTC	State Highway	I-80/Ashby Avenue Interchange Improvements	System Management	ALA170002	\$6,000,000	\$1,500,000	\$46,060,000		\$53,560,000
Alameda	Alameda	Local Road	Cross Alameda Trail (includes SRTS component)	Expansion	ALA150007	\$256,000		\$2,265,000		\$2,521,000
Alameda	Alameda	Local Road	Alameda City-Wide Pavement Rehabilitation	Maintenance/ Rehabilitation	ALA170074	\$60,000		\$999,000		\$1,059,000
Alameda	Alameda	Local Road	Clement Avenue Complete Streets	System Management	ALA170073	\$641,000		\$5,029,000		\$5,670,000
Alameda	Alameda	State Highway	Central Avenue Safety Improvements	System Management	ALA170049	\$1,037,000		\$11,177,000		\$12,214,000
Alameda	Alameda County	Local Road	Estuary Bridges Seismic Retrofit and Repairs	Maintenance/ Rehabilitation	ALA090022	\$400,000	\$300,000	\$4,200,000		\$4,900,000
Alameda	Alameda County	Local Road	Fruitvale Ave Roadway Bridge Lifeline	Maintenance/ Rehabilitation	ALA090023	\$1,500,000	\$500,000	\$10,000,000		\$12,000,000
Alameda	Alameda County	Local Road	Alameda Co-Variou Streets and Roads Preservation	Maintenance/ Rehabilitation	ALA130018	\$328,915		\$6,450,085		\$6,779,000
Alameda	Alameda County	Local Road	Active Oakland: A Comprehensive SR2S Program	System Management	ALA170047			\$977,000		\$977,000
Alameda	Alameda County	Local Road	Alameda County - Vasco Road Safety Improvements	System Management	ALA190006	\$50,000		\$1,252,964		\$1,302,964
Alameda	Alameda County	Local Road	Active and Safe Oakland	System Management	ALA190015			\$999,000		\$999,000
Alameda	Alameda County	Local Road	Alameda County Complete Street Improvements	System Management	ALA190019	\$1,500,000	\$150,000	\$21,400,000		\$23,050,000
Alameda	Alameda County	Local Road	E14th St/Mission Blvd Corridor Improvements	System Management	ALA190022	\$2,179,940	\$100,000	\$25,000,000		\$27,279,940
Alameda	Alameda County	Public Lands/ Trails	Niles Canyon Trail, Phase I	Expansion	ALA190021	\$2,321,000	\$100,000	\$26,480,000		\$28,901,000
Alameda	Albany	Local Road	San Pablo Ave & Buchanan St Pedestrian Imps.	System Management	ALA170088	\$400,000		\$4,875,086		\$5,275,086
Alameda	Albany	Public Lands/ Trails	Ohlone Greenway Trail Safety Improvements	System Management	ALA190016	\$45,000		\$620,000		\$665,000
Alameda	BAIFA	Tollway	ALA-880 Express Lanes	System Management	ALA170006	\$19,800,000	\$300,000	\$112,400,000		\$132,500,000
Alameda	BART	Transit	Hayward Shop and Yard Expansion	Expansion	ALA110003	\$5,000,000	\$7,000,000	\$148,499,000		\$160,499,000
Alameda	BART	Transit	BART Metro Priority Track Elements	Expansion	ALA130032	\$3,752,000		\$4,748,057		\$8,500,057
Alameda	BART	Transit	BART: Fare Collection Equipment	Maintenance/ Rehabilitation	ALA090065			\$62,102,214		\$62,102,214
Alameda	BART	Transit	MacArthur BART Plaza Remodel	Maintenance/ Rehabilitation	ALA090068	\$636,000		\$6,336,527		\$6,972,527
Alameda	BART	Transit	BART-Elevator Renovation program	Maintenance/ Rehabilitation	ALA190014			\$17,500,000		\$17,500,000
Alameda	BART	Transit	BART: COVID-19 Emergency Transit Operations	Operations	ALA190025			\$377,053,455		\$377,053,455
Alameda	BART	Transit	Bay Fair Connection	System Management	ALA170044	\$39,868,000	\$13,073,000	\$97,059,000		\$150,000,000
Alameda	BART	Transit	19th Street BART Station Modernization-GO Uptown	System Management	ALA170055			\$29,438,837		\$29,438,837
Alameda	Berkeley	Local Road	Berkeley - Sacramento St Complete Streets Imps	Expansion	ALA170094	\$218,000		\$1,596,000		\$1,814,000
Alameda	Berkeley	Local Road	Shattuck Complete Streets and De-couplet	System Management	ALA130026	\$970,000		\$5,628,481		\$6,598,481
Alameda	Berkeley	Local Road	Hearst Avenue Complete Streets	System Management	ALA130028	\$545,000		\$2,979,000		\$3,524,000
Alameda	Berkeley	Local Road	goBerkeley Residential Shared Parking Pilot	System Management	ALA150049			\$1,420,000		\$1,420,000

**TIP Project Listings - Funding by Phase  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Alameda	Berkeley	Local Road	John Muir Safe Routes to School	System Management	ALA170054	\$38,080		\$336,000		\$374,080
Alameda	Berkeley	Local Road	Southside Complete Streets & Transit Improvement	System Management	ALA170067	\$1,129,561		\$8,285,329		\$9,414,890
Alameda	Berkeley	Public Lands/ Trails	Bay Trail Shoreline Access Staging Area	Expansion	ALA130035	\$280,635		\$1,859,000		\$2,139,635
Alameda	Berkeley	Public Lands/ Trails	9th St Bicycle Blvd Extension Pathway Ph II	Expansion	ALA150048	\$152,677		\$742,323		\$895,000
Alameda	Caltrans	State Highway	GL: Alameda County - TOS-Mobility	System Management	ALA170060			\$117,847,000		\$117,847,000
Alameda	Dublin	Local Road	Dougherty Road widening	Expansion	ALA130005	\$2,150,000	\$1,240,000	\$15,600,000		\$18,990,000
Alameda	Dublin	Local Road	Dublin Boulevard widening	Expansion	ALA130006	\$681,000	\$381,000	\$3,268,000		\$4,330,000
Alameda	Dublin	Local Road	Dublin Blvd. - North Canyons Pkwy Extension	Expansion	ALA150003	\$9,002,940	\$17,917,000	\$61,333,000		\$88,252,940
Alameda	Dublin	Local Road	Dublin Blvd Rehabilitation	Maintenance/ Rehabilitation	ALA170062	\$55,000		\$945,000		\$1,000,000
Alameda	Dublin	State Highway	I-580 Interchange Imps at Hacienda/Fallon Rd, Ph 2	Expansion	ALA170045	\$12,500,000	\$5,500,000	\$40,000,000		\$58,000,000
Alameda	EB Reg Park Dis	Public Lands/ Trails	Doolittle Drive Bay Trail	Expansion	ALA170077	\$1,300,000		\$9,800,000		\$11,100,000
Alameda	Emeryville	Local Road	Frontage Rd, 65th St and Powell St Pavement Maint	Maintenance/ Rehabilitation	ALA170072	\$15,000		\$255,000		\$270,000
Alameda	Emeryville	Local Road	Emeryville Quiet Zone Safety Engineering Measures	System Management	ALA170093			\$6,000,000		\$6,000,000
Alameda	Fremont	Local Road	Kato Rd Complete Sts - Warren Ave to Milmont Dr	System Management	ALA130001	\$400,000		\$12,290,000		\$12,690,000
Alameda	Fremont	Local Road	Centerville Complete Streets of Relinquished SR84	System Management	ALA170076	\$1,339,000		\$7,354,000		\$8,693,000
Alameda	Fremont	State Highway	State Route 262 (Mission Blvd) Improvements	Expansion	ALA170001	\$16,500,000	\$5,000,000	\$90,500,000		\$112,000,000
Alameda	Hayward	Local Road	Winton Ave Complete Street	Maintenance/ Rehabilitation	ALA170066	\$101,200		\$1,878,660		\$1,979,860
Alameda	Hayward	Local Road	Hayward - Main Street Complete Street	System Management	ALA170065	\$350,000		\$1,875,000		\$2,225,000
Alameda	Hayward	State Highway	Rt 92/Clawiter/Whitesell Interchange Improvements	Expansion	ALA090016	\$4,200,000	\$6,600,000	\$44,200,000		\$55,000,000
Alameda	Hayward	State Highway	I-880 Auxiliary lanes at Industrial Parkway	Expansion	ALA090020	\$1,510,000	\$250,000	\$8,040,000		\$9,800,000
Alameda	Hayward	State Highway	I-880/Industrial Parkway West Interchange	Expansion	ALA110002	\$7,000,000	\$7,675,000	\$42,325,000		\$57,000,000
Alameda	Hayward	State Highway	I-880/West Winton Avenue Interchange	Expansion	ALA170004	\$7,000,000	\$2,000,000	\$32,000,000		\$41,000,000
Alameda	Hayward	State Highway	I-880/A Street Interchange Reconstruction	Expansion	ALA170046	\$8,261,000	\$2,000,000	\$43,739,000		\$54,000,000
Alameda	LAVTA	Transit	LAVTA: Preventive Maintenance	Maintenance/ Rehabilitation	ALA030030			\$13,334,308		\$13,334,308
Alameda	LAVTA	Transit	LAVTA: Replacement (11) 40' Hybrid Buses	Maintenance/ Rehabilitation	ALA150031			\$8,693,025		\$8,693,025
Alameda	LAVTA	Transit	LAVTA: Replacement (9) 30' Hybrid Buses	Maintenance/ Rehabilitation	ALA150032			\$6,697,350		\$6,697,350
Alameda	LAVTA	Transit	Livermore Transit Center Rehab and Improvement	Maintenance/ Rehabilitation	ALA170091			\$623,000		\$623,000
Alameda	LAVTA	Transit	Hybrid Bus Battery Pack Replacement	Maintenance/ Rehabilitation	ALA190005			\$1,000,001		\$1,000,001
Alameda	LAVTA	Transit	LAVTA: COVID-19 Emergency Transit Operations	Operations	ALA190026			\$6,819,121		\$6,819,121
Alameda	LAVTA	Transit	LAVTA: ADA Paratransit Operating Subsidy	Operations	ALA990077			\$8,525,977		\$8,525,977
Alameda	LAVTA	Transit	LAVTA: Farebox Replacement	System Management	ALA150035			\$497,803		\$497,803
Alameda	Livermore	Local Road	Livermore Pavement Rehabilitation - MTS Routes	Maintenance/ Rehabilitation	ALA170068	\$165,000		\$1,787,000		\$1,952,000
Alameda	MTC	Local Road	Bay Bridge Park	Expansion	ALA110104	\$5,500,000		\$11,000,000		\$16,500,000
Alameda	MTC	Local Road	Improved Bike/Ped Access to East Span of SFOBB	Expansion	ALA130030	\$4,500,000		\$32,000,000		\$36,500,000
Alameda	MTC	Local Road	Regional Planning Activities and PPM - Alameda	System Management	ALA170007	\$11,201,159			\$2,022,000	\$13,223,159
Alameda	MTC	Local Road	Bay Bridge Forward-Commuter Parking Access Imps.	System Management	ALA170012			\$820,000		\$820,000
Alameda	MTC	Local Road	I-880 Integrated Corridor Management North Segment	System Management	ALA170040			\$20,478,000		\$20,478,000
Alameda	MTC	Local Road	I-880 Integrated Corridor Management - Central	System Management	ALA170057	\$1,142,000		\$7,698,000		\$8,840,000
Alameda	MTC	State Highway	Bay Bridge Forward - West Grand HOV/Bus Only Lane	System Management	ALA170011	\$1,358,000		\$4,619,000		\$5,977,000
Alameda	MTC	State Highway	Freeway Performance Program: Alameda I-580	System Management	ALA190018	\$625,000				\$625,000
Alameda	MTC	Transit	Bay Bridge Forward: West Grand TSP	System Management	ALA170058			\$1,000,000		\$1,000,000
Alameda	Newark	Local Road	Thornton Avenue Pavement Rehabilitation	Maintenance/ Rehabilitation	ALA170061	\$80,000		\$796,000		\$876,000
Alameda	Oakland	Local Road	Lake Merritt to Bay Trail Bike/Ped Bridge	Expansion	ALA130003	\$3,718,000	\$325,000	\$15,169,000		\$19,212,000
Alameda	Oakland	Local Road	Oakland - 14th Street Safe Routes in the City	Expansion	ALA170043	\$2,321,000		\$11,711,000		\$14,032,000
Alameda	Oakland	Local Road	Fruitvale Alive Bike/Ped Gap Closure	Expansion	ALA170051	\$1,516,000	\$50,000	\$8,529,000		\$10,095,000
Alameda	Oakland	Local Road	Lakeside Family Streets	Expansion	ALA170063	\$453,000		\$4,962,000		\$5,415,000
Alameda	Oakland	Local Road	42nd Ave. & High St. I-880 Access Improv.	Expansion	ALA991081	\$1,800,000	\$5,990,000	\$10,000,000		\$17,790,000
Alameda	Oakland	Local Road	International Boulevard Improvement Project	Maintenance/ Rehabilitation	ALA150010	\$279,000		\$5,975,000		\$6,254,000
Alameda	Oakland	Local Road	Oakland Various Streets Improvements	Maintenance/ Rehabilitation	ALA170064	\$636,000		\$5,529,200		\$6,165,200
Alameda	Oakland	Local Road	Lake Merritt Improvement Project	System Management	ALA110072			\$827,900		\$827,900
Alameda	Oakland	Local Road	Lakeside Complete Streets and Road Diet	System Management	ALA130024	\$965,000		\$14,740,000		\$15,705,000
Alameda	Oakland	Local Road	Laurel Access to Mills, Maxwell Park and Seminary	System Management	ALA150012	\$530,000	\$50,000	\$6,476,925		\$7,056,925
Alameda	Oakland	Local Road	Oakland: Telegraph Ave Bike/Ped Imps and Road Diet	System Management	ALA150042	\$221,400		\$1,272,500		\$1,493,900
Alameda	Oakland	Local Road	Oakland: Shattuck and Claremont Bike/Ped Imps	System Management	ALA150043	\$201,000		\$1,359,100		\$1,560,100
Alameda	Oakland	Local Road	19th St BART to Lake Merritt Urban Greenway	System Management	ALA150044	\$700,000		\$3,983,000		\$4,683,000
Alameda	Oakland	Local Road	Oakland: Telegraph Avenue Complete Streets	System Management	ALA150047	\$877,000		\$4,037,000		\$4,914,000
Alameda	Oakland	Local Road	Oakland Parking and Mobility Management	System Management	ALA150050			\$1,584,050		\$1,584,050
Alameda	Oakland	Local Road	Oakland Fruitvale Ave Bike/Ped Imprvmnts H8-04-014	System Management	ALA170052	\$341,000		\$1,125,507		\$1,466,507
Alameda	Oakland	Local Road	Oakland 35th Ave Bike/Ped Improvements H8-04-015	System Management	ALA170053	\$674,000		\$2,229,800		\$2,903,800
Alameda	Oakland	Local Road	Oakland - Crossing to Safety	System Management	ALA170078	\$481,000		\$1,636,000		\$2,117,000
Alameda	Oakland	Port/Freight Rail	Oakland Army Base Infrastructure Improvements	Expansion	ALA110046	\$26,239,000		\$274,341,000		\$300,580,000
Alameda	Piedmont	Local Road	Piedmont - Oakland Avenue Improvements	Maintenance/ Rehabilitation	ALA170084	\$60,000		\$449,000		\$509,000
Alameda	Pleasanton	Local Road	Pavement Rehabilitation Hacienda Business Park	Maintenance/ Rehabilitation	ALA170070	\$70,000		\$2,707,270		\$2,777,270
Alameda	Pleasanton	Local Road	I-680/Sunol Interchange Improvements	System Management	ALA190020	\$4,150,000	\$1,100,000	\$25,000,000		\$30,250,000
Alameda	San Leandro	Local Road	SR 185- E. 14th St/ Hesperian Blvd/150th Ave	Expansion	ALA050002	\$1,638,491	\$1,220,958	\$4,372,821		\$7,232,270
Alameda	San Leandro	Local Road	San Leandro Washington Avenue Rehabilitation	Maintenance/ Rehabilitation	ALA170075	\$83,000		\$1,102,000		\$1,185,000
Alameda	SJRC	Transit	ACE: COVID-19 Emergency Transit Operations	Operations	ALA190024			\$2,680,453		\$2,680,453
Alameda	Union C Transit	Transit	Union City Paratransit Van Procurement	Maintenance/ Rehabilitation	ALA170014			\$1,032,000		\$1,032,000

**TIP Project Listings - Funding by Phase**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other Total Project Cost	
Alameda	Union C Transit	Transit	Union City Transit Electric Bus Procurement	Maintenance/ Rehabilitation	ALA190029			\$9,994,282	\$9,994,282	
Alameda	Union C Transit	Transit	Union City: ADA Paratransit Operating Subsidy	Operations	ALA170039			\$674,664	\$674,664	
Alameda	Union C Transit	Transit	Union City Transit: COVID-19 Emergency Transit Ops	Operations	ALA190027			\$1,946,411	\$1,946,411	
Alameda	Union C Transit	Transit	Union City Transit Travel Time Improvements	System Management	ALA170013			\$181,393	\$181,393	
Alameda	Union City	Local Road	Union City-Dyer Street Pavement Rehabilitation	Maintenance/ Rehabilitation	ALA170071	\$55,000		\$985,000	\$1,040,000	
<b>Alameda County</b>						<b>\$603,845,354</b>	<b>\$252,786,876</b>	<b>\$5,204,493,816</b>	<b>\$2,022,000</b>	<b>\$6,063,148,046</b>
Contra Costa	Antioch	Local Road	Laurel Road Extension	Expansion	CC-070008	\$900,000	\$50,000	\$10,000,000	\$10,950,000	
Contra Costa	Antioch	Local Road	Slatten Ranch Road Extension Phase I	Expansion	CC-070009	\$350,000		\$3,600,000	\$3,950,000	
Contra Costa	Antioch	Local Road	Antioch Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170036	\$45,000	\$5,000	\$3,150,000	\$3,200,000	
Contra Costa	Antioch	Local Road	Antioch - L Street Pathway to Transit	System Management	CC-170035	\$250,000	\$100,000	\$2,896,000	\$3,246,000	
Contra Costa	BAIFA	Tollway	CC-680 Northern Segment Express Lane - Southbound	System Management	CC-170002	\$8,735,300	\$86,900	\$44,775,800	\$53,598,000	
Contra Costa	BART	Transit	BART to Antioch - East Contra Costa Rail Extension	Expansion	CC-050025	\$58,600,000	\$106,390,000	\$294,921,000	\$459,911,000	
Contra Costa	BART	Transit	eBART Railroad Avenue Station	Expansion	CC-130002	\$1,500,000		\$11,900,000	\$13,400,000	
Contra Costa	BART	Transit	Concord Yard Wheel Truing Facility	Maintenance/ Rehabilitation	CC-150019	\$928,360		\$13,071,640	\$14,000,000	
Contra Costa	BART	Transit	Concord BART Station Modernization	Maintenance/ Rehabilitation	CC-170060	\$3,500,000		\$9,500,000	\$13,000,000	
Contra Costa	BART	Transit	Walnut Creek BART TOD Access Improvements	System Management	CC-110082	\$1,900,000		\$9,150,000	\$11,050,000	
Contra Costa	BART	Transit	EI Cerrito del Norte BART Station Modernization	System Management	CC-170024			\$30,168,407	\$30,168,407	
Contra Costa	Brentwood	Local Road	Brentwood Boulevard Widening - North (Phase I)	Expansion	CC-070011	\$635,000	\$170,000	\$5,895,000	\$6,700,000	
Contra Costa	Brentwood	Local Road	Lone Tree Way Undercrossing	Expansion	CC-070013	\$2,010,000	\$1,500,000	\$12,490,000	\$16,000,000	
Contra Costa	Brentwood	Local Road	Brentwood Boulevard Widening - North (Phase II)	Expansion	CC-170015	\$820,000	\$890,000	\$7,790,000	\$9,500,000	
Contra Costa	Brentwood	Local Road	Brentwood Various Streets and Roads Preservation	Maintenance/ Rehabilitation	CC-170034	\$74,000		\$770,000	\$844,000	
Contra Costa	CC County	Local Road	Kirker Pass Road NB Truck Climbing Lanes	Expansion	CC-070075	\$3,066,000	\$135,000	\$15,116,000	\$18,317,000	
Contra Costa	CC County	Local Road	Byron Highway - Vasco Road Connection	Expansion	CC-070081	\$500,000	\$450,000	\$39,050,000	\$40,000,000	
Contra Costa	CC County	Local Road	Bailey Road Bike and Pedestrian Improvements	Expansion	CC-130003	\$1,123,000	\$115,000	\$3,536,000	\$4,774,000	
Contra Costa	CC County	Local Road	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Expansion	CC-130027	\$591,500		\$1,131,200	\$1,722,700	
Contra Costa	CC County	Local Road	CC County - Rio Vista Elementary Ped Connection	Expansion	CC-150010	\$180,000	\$125,000	\$600,000	\$905,000	
Contra Costa	CC County	Local Road	Camino Tassajara Realignment, S of Windemere Pkwy	Expansion	CC-170016	\$4,000,000	\$1,000,000	\$12,000,000	\$17,000,000	
Contra Costa	CC County	Local Road	Fred Jackson Way First Mile/Last Mile Connection	Expansion	CC-170020	\$948,000	\$644,000	\$3,101,000	\$4,693,000	
Contra Costa	CC County	Local Road	Pacheco Blvd Sidewalk Gap Closure Phase 3	Expansion	CC-170021	\$623,000	\$80,000	\$656,000	\$1,359,000	
Contra Costa	CC County	Local Road	Kirker Pass Road Open Grade Overlay	Maintenance/ Rehabilitation	CC-170028	\$175,000		\$2,220,000	\$2,395,000	
Contra Costa	CC County	Local Road	Vasco Road Safety Improvements	System Management	CC-050030	\$4,400,000	\$200,000	\$28,493,977	\$33,093,977	
Contra Costa	CC County	Local Road	Bailey Road-State Route 4 Interchange	System Management	CC-130001	\$1,625,000	\$10,000	\$3,560,000	\$5,195,000	
Contra Costa	CC County	Local Road	West County Walk and Bike Leaders	System Management	CC-170029			\$634,000	\$634,000	
Contra Costa	CC County	Local Road	Treat Boulevard Corridor Improvements	System Management	CC-190012	\$384,000		\$1,758,000	\$2,142,000	
Contra Costa	CCCTA	Transit	CCCTA: Replace 18 30' Buses	Maintenance/ Rehabilitation	CC-150006			\$11,916,189	\$11,916,189	
Contra Costa	CCCTA	Transit	CCCTA: Replace 13 35' Buses	Maintenance/ Rehabilitation	CC-150007			\$6,382,675	\$6,382,675	
Contra Costa	CCCTA	Transit	CCCTA Replace 42 Ford Cutaways - 22"	Maintenance/ Rehabilitation	CC-170051			\$5,381,250	\$5,381,250	
Contra Costa	CCCTA	Transit	CCCTA Replace 3 Gasoline 7-Year Paratransit Vans	Maintenance/ Rehabilitation	CC-170053			\$159,000	\$159,000	
Contra Costa	CCCTA	Transit	CCCTA: COVID-19 Emergency Transit Operations	Operations	CC-190013			\$11,812,681	\$11,812,681	
Contra Costa	CCCTA	Transit	CCCTA: ADA Paratransit Assistance	Operations	CC-99T001			\$23,696,482	\$23,696,482	
Contra Costa	CCCTA	Transit	CCCTA: Access Improvements Implementation	System Management	CC-130045			\$778,650	\$778,650	
Contra Costa	CCCTA	Transit	REMIX Software Implementation Project	System Management	CC-150012			\$40,281	\$40,281	
Contra Costa	CCTA	Local Road	Mokelumne Trail Bike/Ped Overcrossing	Expansion	CC-070067	\$872,000	\$1,200,000	\$9,400,000	\$11,472,000	
Contra Costa	CCTA	Local Road	CCTA - Carshare 4 All	System Management	CC-150009	\$60,577		\$647,750	\$708,327	
Contra Costa	CCTA	Local Road	CCTA Automated Driving System	System Management	CC-190017	\$3,069,000		\$10,977,000	\$14,046,000	
Contra Costa	CCTA	State Highway	I-680/SR 4 I/C Reconstruction - Ph 1 & 2a	Expansion	CC-010023	\$26,000,000	\$14,800,000	\$195,200,000	\$236,000,000	
Contra Costa	CCTA	State Highway	Reconstruct I-80/San Pablo Dam Rd Interchange	Expansion	CC-070035	\$11,211,000	\$21,672,000	\$86,045,000	\$118,928,000	
Contra Costa	CCTA	State Highway	SR 239 - New State Highway Study	Expansion	CC-110066	\$25,941,010			\$25,941,010	
Contra Costa	CCTA	State Highway	SR 4 Integrated Corridor Management	System Management	CC-150013	\$600,000		\$14,400,000	\$15,000,000	
Contra Costa	CCTA	State Highway	I-680 NB Express Lane Completion	System Management	CC-170017	\$48,500,000	\$5,500,000	\$336,000,000	\$390,000,000	
Contra Costa	CCTA	State Highway	SR-4 Operational Improvements - Initial Phases	System Management	CC-170018	\$13,843,000	\$250,000	\$129,907,000	\$144,000,000	
Contra Costa	CCTA	State Highway	I-680 Advanced Technologies	System Management	CC-170062	\$10,200,000		\$42,500,000	\$52,700,000	
Contra Costa	CCTA	State Highway	Bay Area MOD	System Management	CC-190018			\$17,828,213	\$17,828,213	
Contra Costa	CCTA	Transit	I-680 Part Time Transit Lane	Operations	CC-170061	\$2,000,000		\$8,100,000	\$10,100,000	
Contra Costa	Clayton	Local Road	Clayton Neighborhood Street Rehab	Maintenance/ Rehabilitation	CC-170047	\$25,000		\$368,000	\$393,000	
Contra Costa	Concord	Local Road	Concord BART Station Bike/Ped Access Improvements	Expansion	CC-130006	\$213,000	\$20,000	\$1,592,000	\$1,825,000	
Contra Costa	Concord	Local Road	Concord Willow Pass Road Repaving SR2T	Maintenance/ Rehabilitation	CC-170037	\$1,434,000	\$111,000	\$6,125,000	\$7,670,000	
Contra Costa	Concord	Local Road	Commerce Ave Complete Streets	System Management	CC-170022	\$170,000	\$250,000	\$2,195,000	\$2,615,000	
Contra Costa	Concord	Local Road	Downtown Corridors Bike/Pedestrian Improvements	System Management	CC-170050	\$629,000	\$100,000	\$3,622,000	\$4,351,000	
Contra Costa	Concord	Public Lands/ Trails	Monument Boulevard Class I Path	Expansion	CC-170039	\$982,000	\$32,000	\$4,315,000	\$5,329,000	
Contra Costa	Concord	State Highway	SR 242 / Clayton Road Interchange Improvements	Expansion	CC-070024	\$8,100,000	\$16,200,000	\$41,700,000	\$66,000,000	
Contra Costa	Danville	Local Road	Vista Grande Street Pedestrian Improvements/SR2S	Expansion	CC-130038	\$29,275		\$178,000	\$207,275	
Contra Costa	Danville	Local Road	San Ramon Valley Blvd Slurry Seal and Striping	Expansion	CC-170001	\$97,000	\$30,000	\$826,046	\$953,046	
Contra Costa	Danville	Local Road	Camino Ramon Improvements	Maintenance/ Rehabilitation	CC-170058	\$149,355		\$1,934,016	\$2,083,371	
Contra Costa	EB Reg Park Dis	Public Lands/ Trails	SF Bay Trail Point Molate	Expansion	CC-190019	\$920,500		\$3,100,000	\$4,020,500	
Contra Costa	ECCTA	Transit	ECCTA: Oakley Park and Ride	Expansion	CC-190010			\$6,400,000	\$6,400,000	
Contra Costa	ECCTA	Transit	ECCTA: Transit Bus Replacements	Maintenance/ Rehabilitation	CC-070092			\$42,210,286	\$42,210,286	
Contra Costa	ECCTA	Transit	Tri-Delta: ADA Operating Assistance	Operations	CC-030035			\$12,104,559	\$12,104,559	

**TIP Project Listings - Funding by Phase  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Contra Costa	ECCTA	Transit	ECCTA: COVID-19 Emergency Transit Operations	Operations	CC-190014			\$8,024,638		\$8,024,638
Contra Costa	ECCTA	Transit	ECCTA: Non-ADA Paratransit to FR Incentive Program	System Management	CC-150020			\$1,021,621		\$1,021,621
Contra Costa	EI Cerrito	Local Road	Carlson Blvd and Central Ave Pavement Rehab	Maintenance/ Rehabilitation	CC-170030	\$110,000		\$860,000		\$970,000
Contra Costa	EI Cerrito	Local Road	EI Cerrito del Norte Area TOD Complete Street Imps	System Management	CC-070046	\$2,456,000	\$5,000	\$6,715,680		\$9,176,680
Contra Costa	Hercules	Local Road	Hercules -Sycamore/Willow Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170043			\$640,000		\$640,000
Contra Costa	Hercules	Transit	Hercules Intercity Rail Station	Expansion	CC-030002	\$3,500,000	\$2,162,000	\$90,724,000		\$96,386,000
Contra Costa	Lafayette	Local Road	Pleasant Hill Rd Pavement Rehab & Maintenance	Maintenance/ Rehabilitation	CC-170033	\$77,000		\$579,000		\$656,000
Contra Costa	Martinez	Local Road	Martinez Various Streets and Roads Preservation	Maintenance/ Rehabilitation	CC-130025	\$100,000		\$1,185,000		\$1,285,000
Contra Costa	Martinez	Local Road	Martinez Downtown Streets Rehabilitation	Maintenance/ Rehabilitation	CC-170059	\$100,000		\$1,012,000		\$1,112,000
Contra Costa	Moraga	Local Road	Moraga Way and Canyon/Camino Pablo Improvements	Maintenance/ Rehabilitation	CC-170046	\$253,000		\$2,466,000		\$2,719,000
Contra Costa	MTC	Local Road	Regional Planning Activities and PPM - CC County	System Management	CC-170004	\$6,422,553			\$1,410,000	\$7,832,553
Contra Costa	MTC	State Highway	Richmond-San Rafael Bridge Bicycle Access	System Management	CC-190011			\$500,000		\$500,000
Contra Costa	Oakley	Local Road	Oakley Street Repair and Resurfacing	Maintenance/ Rehabilitation	CC-170041	\$126,000		\$1,465,000		\$1,591,000
Contra Costa	Oakley	Transit	Civic Center Railroad Platform Park & Ride Complex	System Management	CC-170019			\$8,000,000		\$8,000,000
Contra Costa	Orinda	Local Road	Orinda Way Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170032	\$30,000		\$720,000		\$750,000
Contra Costa	Pinole	Local Road	Pinole - San Pablo Avenue Rehabilitation	Maintenance/ Rehabilitation	CC-170048	\$77,000		\$586,000		\$663,000
Contra Costa	Pittsburg	Local Road	Pittsburg BART Pedestrian and Bicycle Connectivity	Expansion	CC-170040	\$668,000	\$25,000	\$3,827,000		\$4,520,000
Contra Costa	Pittsburg	Local Road	City of Pittsburg Pavement Improvements	Maintenance/ Rehabilitation	CC-170042	\$315,000		\$2,410,000		\$2,725,000
Contra Costa	Pittsburg	Local Road	Pittsburg Active Transp. and Safe Routes Plan	System Management	CC-170049			\$312,000		\$312,000
Contra Costa	Pittsburg	Transit	Pittsburg Multimodal Transit Station Access Imps.	Expansion	CC-130039	\$350,000		\$3,587,000		\$3,937,000
Contra Costa	Pleasant Hill	Local Road	Pleasant Hill Road Improvements	System Management	CC-170044	\$433,000		\$4,087,000		\$4,520,000
Contra Costa	Richmond	Local Road	37th Street Bicycle & Pedestrian Improvements	Expansion	CC-130047	\$39,000	\$5,000	\$324,600		\$368,600
Contra Costa	Richmond	Local Road	Richmond: Roadway Preservation and ADA Improvement	Maintenance/ Rehabilitation	CC-170057	\$300,000		\$3,840,000		\$4,140,000
Contra Costa	Richmond	Local Road	I-80/Central Avenue - Local Portion	System Management	CC-050076	\$2,500,000	\$6,500,000	\$5,593,000		\$14,593,000
Contra Costa	Richmond	Local Road	The Yellow Brick Road in Richmond's Iron Triangle	System Management	CC-150016	\$967,000		\$5,485,000		\$6,452,000
Contra Costa	Richmond	Local Road	Lincoln Elementary SRTS Pedestrian Enhancements	System Management	CC-170056	\$48,000		\$562,000		\$610,000
Contra Costa	San Pablo	Local Road	San Pablo - Giant Road Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170031			\$699,000		\$699,000
Contra Costa	San Pablo	Local Road	Rumrill Blvd Complete Streets Improvements	System Management	CC-150017	\$1,160,000		\$15,088,949		\$16,248,949
Contra Costa	San Ramon	Local Road	Crow Canyon Road (Alcosta to Indian Rice) Widening	Expansion	CC-190001	\$473,000		\$19,602,000		\$20,075,000
Contra Costa	San Ramon	Local Road	Alcosta Boulevard Pavement Rehab	Maintenance/ Rehabilitation	CC-170045	\$400,000		\$4,675,000		\$5,075,000
Contra Costa	San Ramon	Local Road	San Ramon Valley Street Smarts	System Management	CC-170026			\$493,000		\$493,000
Contra Costa	San Ramon	Public Lands/ Trails	Iron Horse Trail Bike and Pedestrian Overcrossing	Expansion	CC-170014	\$4,262,000	\$900,000	\$16,584,000		\$21,746,000
Contra Costa	SJRC	Transit	Oakley Station Platform	Expansion	CC-190002	\$626,237		\$7,997,119		\$8,623,356
Contra Costa	Walnut Creek	Local Road	Walnut Creek-N. Main St Rehab - I680 to California	Maintenance/ Rehabilitation	CC-170025	\$85,000		\$885,000		\$970,000
Contra Costa	Walnut Creek	Local Road	Ygancio Valley Road Rehabilitation	Maintenance/ Rehabilitation	CC-170038	\$100,000		\$2,953,000		\$3,053,000
Contra Costa	Walnut Creek	Local Road	Walnut Creek-Parking Guidance System Pilot	System Management	CC-150018	\$300,000		\$633,000		\$933,000
Contra Costa	WCCTA	Transit	WCCTA: Preventive Maintenance Program	Maintenance/ Rehabilitation	CC-030025			\$2,508,911		\$2,508,911
Contra Costa	WCCTA	Transit	WestCAT: Replace (2) 2002 40ft Revenue Vehicles	Maintenance/ Rehabilitation	CC-170006			\$1,076,000		\$1,076,000
Contra Costa	WCCTA	Transit	WestCAT: Purchase 2 Fast Fare Electronic Fareboxes	Maintenance/ Rehabilitation	CC-170007			\$35,623		\$35,623
Contra Costa	WCCTA	Transit	WestCAT Replace (6) 2008 35ft Revenue Vehicles	Maintenance/ Rehabilitation	CC-170008			\$3,348,000		\$3,348,000
Contra Costa	WCCTA	Transit	WestCAT: Purchase (6) Electronic Fareboxes	Maintenance/ Rehabilitation	CC-170009			\$106,868		\$106,868
Contra Costa	WCCTA	Transit	WestCAT Replace 5 35ft and 4 40ft Vehicles	Maintenance/ Rehabilitation	CC-170010			\$4,729,001		\$4,729,001
Contra Costa	WCCTA	Transit	WestCAT: Purchase (9) Electronic Fareboxe	Maintenance/ Rehabilitation	CC-170011			\$160,302		\$160,302
Contra Costa	WCCTA	Transit	WestCAT - Replace (2) DAR MiniVans	Maintenance/ Rehabilitation	CC-170012			\$312,000		\$312,000
Contra Costa	WCCTA	Transit	WestCAT: Purchase of (2) Radio Systems	Maintenance/ Rehabilitation	CC-170013			\$2,000		\$2,000
Contra Costa	WCCTA	Transit	WCCTA: COVID-19 Emergency Transit Operations	Operations	CC-190015			\$4,017,838		\$4,017,838
Contra Costa	WCCTA	Transit	WestCat: ADA Paratransit Operating Subsidy	Operations	CC-990045			\$4,472,171		\$4,472,171
Contra Costa	WCCTA	Transit	WestCAT: Purchase (1) Fast Fare Electronic Farebox	System Management	CC-150015			\$17,811		\$17,811
Contra Costa	WCCTA	Transit	WestCAT - AVL System with APC Element.	System Management	CC-150021			\$762,144		\$762,144
<b>Contra Costa County</b>						<b>\$279,186,667</b>	<b>\$181,712,900</b>	<b>\$1,855,461,378</b>	<b>\$1,410,000</b>	<b>\$2,317,770,945</b>
Marin	Corte Madera	Local Road	Corte Madera-Paradise Drive Multiuse Path	Expansion	MRN170019	\$372,000		\$673,000		\$1,045,000
Marin	Corte Madera	Local Road	Central Marin Regional Pathway Gap Closure	System Management	MRN170023	\$469,100				\$469,100
Marin	Fairfax	Local Road	Parkade Circulation and Safety Improvements	System Management	MRN130009	\$90,000		\$310,000		\$400,000
Marin	GGBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Phase 3B	Maintenance/ Rehabilitation	MRN050018	\$33,887,342		\$103,260,171		\$137,147,513
Marin	GGBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	Maintenance/ Rehabilitation	MRN970016	\$5,785,513		\$367,371,657		\$373,157,170
Marin	GGBHTD	Tollway	Golden Gate Bridge-Seicide Deterrent SafetyBarrier	System Management	MRN050019	\$7,536,101		\$249,398,868		\$256,934,969
Marin	GGBHTD	Transit	Larkspur Ferry Terminal Parking Garage	Expansion	MRN130001	\$1,000,000				\$1,000,000
Marin	GGBHTD	Transit	Golden Gate Ferry: New Vessel	Expansion	MRN190001			\$30,000,000		\$30,000,000
Marin	GGBHTD	Transit	GGBHTD: Fixed Guideway Connectors	Maintenance/ Rehabilitation	MRN030010			\$66,495,992		\$66,495,992
Marin	GGBHTD	Transit	GGBHTD: Facilities Rehabilitation	Maintenance/ Rehabilitation	MRN050025			\$39,163,986		\$39,163,986
Marin	GGBHTD	Transit	MS Sonoma Ferry Boat Refurbishment	Maintenance/ Rehabilitation	MRN150005			\$21,362,378		\$21,362,378
Marin	GGBHTD	Transit	GGBHTD Ferry Major Components Rehab	Maintenance/ Rehabilitation	MRN150014			\$21,175,546		\$21,175,546
Marin	GGBHTD	Transit	GGBHTD Ferry Propulsion Systems Replacement	Maintenance/ Rehabilitation	MRN150015			\$12,419,433		\$12,419,433
Marin	GGBHTD	Transit	GGBHTD: Replace 67 Diesel Buses with Hybrid Buses	Maintenance/ Rehabilitation	MRN170008			\$65,573,025		\$65,573,025
Marin	GGBHTD	Transit	GGBHTD: Replace Paratransit Vehicles	Maintenance/ Rehabilitation	MRN170009			\$679,515		\$679,515
Marin	GGBHTD	Transit	Replace 14 - 22' Gas Body-on-Chassis Vehicles	Maintenance/ Rehabilitation	MRN170024			\$1,274,000		\$1,274,000
Marin	GGBHTD	Transit	GGBHTD: Ferry Channel & Berth Dredging	Maintenance/ Rehabilitation	MRN990017			\$26,144,027		\$26,144,027
Marin	GGBHTD	Transit	GGBHTD: COVID-19 Emergency Transit Operations	Operations	MRN190014			\$51,580,462		\$51,580,462

**TIP Project Listings - Funding by Phase  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Marin	GGBHTD	Transit	GGBHTD - Transit Systems Enhancements	System Management	MRN130015			\$2,924,214		\$2,924,214
Marin	GGBHTD	Transit	San Rafael Transit Center Relocation	System Management	MRN170013	\$1,412,000	\$10,000,000	\$35,000,000		\$46,412,000
Marin	Larkspur	Public Lands/ Trails	Old Redwood Highway Multi-Use Path	Expansion	MRN190011	\$130,000		\$1,270,000		\$1,400,000
Marin	Marin County	Local Road	Mountain View Rd Bridge Replacement - 27C0154	Maintenance/ Rehabilitation	MRN110035	\$503,600	\$72,952	\$2,233,000		\$2,809,552
Marin	Marin County	Local Road	Hicks Valley/MarshallPetaluma/Wilson Hill Rd Rehab	Maintenance/ Rehabilitation	MRN170027	\$300,000		\$3,545,000		\$3,845,000
Marin	Marin County	Local Road	Marin City Pedestrian Crossing Improvements	System Management	MRN190015	\$34,000		\$306,000		\$340,000
Marin	MCTD	Transit	MCTD Preventive Maintenance	Maintenance/ Rehabilitation	MRN110040			\$411,843		\$411,843
Marin	MCTD	Transit	MCTD: On Board Vehicle Equipment	Maintenance/ Rehabilitation	MRN150003			\$377,075		\$377,075
Marin	MCTD	Transit	MCTD - Relocate Transit Maintenance Facility	Maintenance/ Rehabilitation	MRN150010	\$152,811	\$5,500,000	\$1,869,438		\$7,522,249
Marin	MCTD	Transit	MCTD- Replace Shuttle Vehicles	Maintenance/ Rehabilitation	MRN150011			\$1,562,150		\$1,562,150
Marin	MCTD	Transit	MCTD - Replace 13 -40ft Buses	Maintenance/ Rehabilitation	MRN150012			\$9,634,000		\$9,634,000
Marin	MCTD	Transit	MCTD - Emergency Radio System	Maintenance/ Rehabilitation	MRN150013			\$348,000		\$348,000
Marin	MCTD	Transit	MCTD: Replace Paratransit Vehicles	Maintenance/ Rehabilitation	MRN170003			\$1,739,000		\$1,739,000
Marin	MCTD	Transit	MCTD: Replace Paratransit Vehicles with Vans	Maintenance/ Rehabilitation	MRN170004			\$143,530		\$143,530
Marin	MCTD	Transit	MCTD: Replace Rural Cutaway Vehicles	Maintenance/ Rehabilitation	MRN170005			\$616,000		\$616,000
Marin	MCTD	Transit	MCTD: Replace Articulated Vehicles	Maintenance/ Rehabilitation	MRN170006			\$12,768,002		\$12,768,002
Marin	MCTD	Transit	MCTD-Replace diesel vehicles	Maintenance/ Rehabilitation	MRN170007			\$850,000		\$850,000
Marin	MCTD	Transit	Marin Transit Low Income Youth Pass Program	Operations	MRN110041			\$564,724		\$564,724
Marin	MCTD	Transit	MCTD: ADA Paratransit Assistance	Operations	MRN110047			\$7,387,791		\$7,387,791
Marin	MCTD	Transit	Marin Transit: COVID-19 Emergency Transit Ops	Operations	MRN190013			\$10,176,307		\$10,176,307
Marin	MTC	Local Road	Regional Planning Activities and PPM - Marin	System Management	MRN170001	\$4,729,181			\$379,000	\$5,108,181
Marin	MTC	Tollway	Richmond-San Rafael Bridge Access Improvements	Expansion	MRN150009	\$8,740,000	\$1,344,000	\$79,200,000		\$89,284,000
Marin	Natl Park Svc	Public Lands/ Trails	Fort Baker's Vista Point Trail	Expansion	MRN170028	\$100,000		\$1,500,000		\$1,600,000
Marin	Novato	Local Road	Novato Boulevard Widening, Diablo to Grant	Expansion	MRN070006	\$1,063,085		\$9,000,000		\$10,063,085
Marin	Novato	Local Road	Vineyard Road Improvements	Maintenance/ Rehabilitation	MRN150016	\$83,975		\$1,186,782		\$1,270,757
Marin	Novato	Local Road	Novato-Measure A Group 10 Pavement Rehabilitation	Maintenance/ Rehabilitation	MRN170022	\$200,000		\$2,054,000		\$2,254,000
Marin	Novato	Local Road	Novato Annual Pavement Rehabilitation	Maintenance/ Rehabilitation	MRN190002	\$150,000		\$1,617,000		\$1,767,000
Marin	Novato	Public Lands/ Trails	Hill Recreation Area Improvements	Expansion	MRN170026			\$898,000		\$898,000
Marin	San Anselmo	Local Road	San Anselmo - Center Blvd Bridge Replace (27C0079)	Expansion	MRN110032	\$869,200	\$1,250,000	\$4,083,800		\$6,203,000
Marin	San Anselmo	Local Road	Sir Francis Drake Blvd Pavement Rehabilitation	Maintenance/ Rehabilitation	MRN170021	\$130,000		\$1,151,100		\$1,281,100
Marin	San Anselmo	Local Road	San Anselmo Bike Spine	System Management	MRN170020	\$46,400		\$257,500		\$303,900
Marin	San Anselmo	Public Lands/ Trails	Sunny Hill Ridge and Red Hill Trails	Expansion	MRN130013	\$80,000		\$80,000		\$160,000
Marin	San Rafael	Local Road	Grand Avenue Bicycle Pedestrian Improvements	Expansion	MRN150008	\$377,628	\$223,650	\$2,311,725		\$2,913,003
Marin	San Rafael	Local Road	Francisco Blvd West Multi-Use Pathway	Expansion	MRN170016	\$400,000		\$5,831,675		\$6,231,675
Marin	San Rafael	Local Road	San Rafael Transit Center Pedestrian Access Imps.	System Management	MRN130005	\$475,000		\$2,200,000		\$2,675,000
Marin	San Rafael	Local Road	Francisco Boulevard East Sidewalk Widening	System Management	MRN170012	\$550,000	\$837,000	\$6,125,000		\$7,512,000
Marin	Sausalito	Local Road	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	System Management	MRN110010	\$163,000		\$691,000		\$854,000
Marin	TAM	Local Road	North-South Greenway Gap Closure	Expansion	MRN170011	\$5,800,000	\$1,450,000	\$11,800,000		\$19,050,000
Marin	TAM	State Highway	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	Expansion	MRN050034	\$46,032,000	\$41,284,000	\$265,903,000		\$353,219,000
Marin	Various	State Highway	GL: Marin County - TOS-Mobility	System Management	MRN170018			\$13,140,000		\$13,140,000
<b>Marin County</b>						<b>\$121,661,936</b>	<b>\$61,961,602</b>	<b>\$1,559,638,716</b>	<b>\$379,000</b>	<b>\$1,743,641,254</b>
Napa	American Canyon	Local Road	Eucalyptus Drive Realignment Complete Streets	Expansion	NAP110029	\$1,767,600	\$776,000	\$3,645,400		\$6,189,000
Napa	American Canyon	Local Road	Devlin Road and Vine Trail Extension	Expansion	NAP130006	\$297,000	\$800,000	\$6,471,000		\$7,568,000
Napa	American Canyon	Local Road	Green Island Road Class I	Expansion	NAP170006	\$43,000	\$36,000	\$1,000,000		\$1,079,000
Napa	Calistoga	State Highway	SR 128 and Petrified Forest Intersection Imp	System Management	NAP150001	\$158,000	\$57,000	\$486,000		\$701,000
Napa	MTC	Local Road	Regional Planning Activities and PPM - Napa	System Management	NAP170001	\$4,592,181			\$256,000	\$4,848,181
Napa	MTC	Local Road	Napa Valley Forward: Traffic Calming & Multimodal	System Management	NAP190007	\$1,000,000		\$2,000,000		\$3,000,000
Napa	MTC	Transit	Napa Valley Forward	System Management	NAP190004			\$1,100,000		\$1,100,000
Napa	Napa	Local Road	California Boulevard Roundabouts	System Management	NAP110028	\$1,836,000	\$3,944,000	\$13,573,000		\$19,353,000
Napa	Napa	Public Lands/ Trails	State Route 29 Bicycle & Pedestrian Undercrossing	Expansion	NAP130004	\$258,000		\$1,071,000		\$1,329,000
Napa	Napa	Public Lands/ Trails	Vine Trail Gap Closure - Soscol Avenue Corridor	Expansion	NAP170007	\$55,000	\$10,000	\$1,422,000		\$1,487,000
Napa	Napa	State Highway	Silverado Trail Five-Way Intersection Improvements	System Management	NAP170009	\$4,178,000	\$2,300,000	\$5,513,000		\$11,991,000
Napa	Napa County	Local Road	Hardin Rd Bridge Replacement - 21C0058	Maintenance/ Rehabilitation	NAP110026	\$900,000	\$200,000	\$5,000,000		\$6,100,000
Napa	Napa County	Local Road	Loma Vista Dr Bridge Replacement - 21C0080	Maintenance/ Rehabilitation	NAP110027	\$900,000	\$200,000	\$5,000,000		\$6,100,000
Napa	Napa County	Local Road	Napa County: 2014 Earthquake Pavement Repair	Maintenance/ Rehabilitation	NAP170002	\$91,000		\$1,137,000		\$1,228,000
Napa	Napa County	Local Road	Silverado Trail Phase L Rehab	Maintenance/ Rehabilitation	NAP170008	\$214,000		\$2,485,000		\$2,699,000
Napa	NVTA	Local Road	Napa Valley Vine Trail Design and Construction	Expansion	NAP110014	\$1,239,000	\$7,735	\$8,022,329		\$9,269,064
Napa	NVTA	Local Road	Napa Valley Vine Trail Calistoga-St. Helena Seg.	Expansion	NAP150003	\$432,000	\$60,000	\$11,769,640		\$12,261,640
Napa	NVTA	Local Road	Napa County Safe Routes to Schools	System Management	NAP170004			\$811,000		\$811,000
Napa	NVTA	State Highway	SR 12/29/221 Soscol Junction Interchange Imps.	Expansion	NAP090003	\$11,145,000	\$300,000	\$52,555,000		\$64,000,000
Napa	NVTA	Transit	Park & Ride Lots in Napa County	Expansion	NAP050009	\$365,000	\$2,200,000	\$3,172,131		\$5,737,131
Napa	NVTA	Transit	NVTA- Vine Transit Bus Maintenance Facility	Expansion	NAP170003			\$22,000,000		\$22,000,000
Napa	NVTA	Transit	NVTA: Replace Rolling Stock	Maintenance/ Rehabilitation	NAP090005			\$17,820,340		\$17,820,340
Napa	NVTA	Transit	NVTA Equipment Replacement and Upgrades	Maintenance/ Rehabilitation	NAP090008			\$3,510,577		\$3,510,577
Napa	NVTA	Transit	Imola Park & Ride and Express Bus Stop Improvement	Maintenance/ Rehabilitation	NAP190006			\$2,754,136		\$2,754,136
Napa	NVTA	Transit	NVTA: ADA Operating Assistance	Operations	NAP030004			\$983,587		\$983,587
Napa	NVTA	Transit	NVTA: COVID-19 Emergency Transit Operations	Operations	NAP190005			\$4,377,272		\$4,377,272
Napa	NVTA	Transit	Napa Vine Operating Assistance	Operations	NAP970010			\$48,348,798		\$48,348,798



TIP Project Listings - Funding by Phase  
2021 TIP: Funding for All Years

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Napa	Saint Helena	State Highway	Main Street St. Helena Pedestrian Improvements	Maintenance/ Rehabilitation	NAP170005	\$187,000		\$1,206,000		\$1,393,000
Napa	Yountville	Public Lands/ Trails	Hopper Creek Pedestrian Bridge and Path Project	Expansion	NAP130008	\$100,000		\$500,000		\$600,000
<b>Napa County</b>						<b>\$29,757,781</b>	<b>\$10,890,735</b>	<b>\$227,734,210</b>	<b>\$256,000</b>	<b>\$268,638,726</b>
San Francisco	BART	Transit	BART/MUNI Direct Connection Platform	Expansion	SF-050014			\$3,000,000		\$3,000,000
San Francisco	BART	Transit	Embarcadero Stn: New North-Side Platform Elevator	System Management	SF-170016	\$2,000,000		\$13,000,000		\$15,000,000
San Francisco	GGBHTD	Transit	GGBHTD: Replace 2 Paratransit Vehicles	System Management	SF-170022			\$197,500		\$197,500
San Francisco	MTC	Local Road	Regional Planning Activities and PPM - SF County	System Management	SF-170002	\$7,528,854			\$1,023,000	\$8,551,854
San Francisco	MTC	State Highway	Bay Bridge Forward-Sterling/Bryant St Managed Lane	System Management	SF-170003	\$3,647,000		\$3,986,000		\$7,633,000
San Francisco	Port of SF	Local Road	Pier 70 19th Street & Illinois Street Sidewalk	Expansion	SF-130021	\$225,000		\$2,600,000		\$2,825,000
San Francisco	Port of SF	Local Road	Cargo Way and Amador Street Improvements	System Management	SF-170012	\$500,000		\$14,800,000		\$15,300,000
San Francisco	Port of SF	Transit	Mission Bay Ferry Terminal	Expansion	SF-170001	\$7,000,000		\$49,000,000		\$56,000,000
San Francisco	SF County TA	Local Road	Treasure Island Congestion Pricing Program	System Management	SF-110049	\$10,614,835		\$2,140,000		\$12,754,835
San Francisco	SF County TA	Local Road	SF Downtown Congestion Pricing	System Management	SF-130017	\$2,550,000		\$123,450,000		\$126,000,000
San Francisco	SF County TA	Local Road	Quint-Jerrold Connector Road	System Management	SF-150008	\$1,266,448	\$1,914,000	\$16,760,000		\$19,940,448
San Francisco	SF County TA	State Highway	Yerba Buena Island (YBI) Ramp Improvements	Maintenance/ Rehabilitation	SF-070027	\$28,700,059	\$6,103,406	\$336,055,180		\$370,858,645
San Francisco	SF County TA	State Highway	US 101 Doyle Drive Availability Payments	Maintenance/ Rehabilitation	SF-190011			\$1,115,070,000		\$1,115,070,000
San Francisco	SF County TA	State Highway	HOV/HOT Lanes on U.S.101 and I-280 in SF	System Management	SF-130008	\$1,200,000	\$500,000	\$41,200,000		\$42,900,000
San Francisco	SF County TA	Transit	Oakdale Caltrain Station	Expansion	SF-090011	\$800,000				\$800,000
San Francisco	SF County TA	Transit	Construct Treasure Island Bus Terminal Facility	Expansion	SF-130010	\$200,000	\$590,000	\$2,000,000		\$2,790,000
San Francisco	SF County TA	Transit	Treasure Island Pricing Mobility Improvements	System Management	SF-130005	\$889,445		\$18,279,545		\$19,168,990
San Francisco	SF DPW	Local Road	Harney Way Roadway Widening	Expansion	SF-090004	\$1,000,000	\$680,000	\$25,820,000		\$27,500,000
San Francisco	SF DPW	Local Road	Hunters Pt Shipyard and Candlestick Pt Local Roads	Expansion	SF-110006	\$37,000,000	\$30,000,000	\$354,100,000		\$421,100,000
San Francisco	SF DPW	Local Road	HOPE SF Street Network - Sunnydale and Potrero	Expansion	SF-170013	\$6,000,000		\$28,000,000		\$34,000,000
San Francisco	SF DPW	Local Road	Great Highway Restoration	Maintenance/ Rehabilitation	SF-110005	\$898,000		\$3,450,108		\$4,348,108
San Francisco	SF DPW	Local Road	SF- Better Market Street Transportation Elements	System Management	SF-130001	\$23,364,000	\$500,000	\$391,136,000		\$415,000,000
San Francisco	SF DPW	Local Road	SF- Second Street Complete Streets and Road Diet	System Management	SF-130011	\$1,976,397		\$18,518,894		\$20,495,291
San Francisco	SF DPW	Local Road	John Yehall Chin Safe Routes to School	System Management	SF-150001	\$398,433		\$4,863,000		\$5,261,433
San Francisco	SF DPW	Local Road	Alemanly Interchange Improvements, Phase 2	System Management	SF-190010	\$200,000		\$2,227,000		\$2,427,000
San Francisco	SFMTA	Local Road	SF - Powell Street Safety Improvement	Expansion	SF-170014	\$2,940,000	\$100,000	\$14,682,540		\$17,722,540
San Francisco	SFMTA	Local Road	6th Street Pedestrian Safety Improvements	System Management	SF-190005	\$4,435,000	\$100,000	\$19,226,000		\$23,761,000
San Francisco	SFMTA	Transit	SF Muni Third St LRT Phase 2 - New Central Subway	Expansion	SF-010037	\$158,834,748	\$34,777,414	\$1,384,387,838		\$1,578,000,000
San Francisco	SFMTA	Transit	Historic Streetcar Extension to Fort Mason	Expansion	SF-070003	\$24,889,404		\$43,997,562		\$68,886,966
San Francisco	SFMTA	Transit	Geary Bus Rapid Transit	Expansion	SF-070004	\$35,261,078		\$264,738,922		\$300,000,000
San Francisco	SFMTA	Transit	Van Ness Avenue Bus Rapid Transit	Expansion	SF-070005	\$26,267,190		\$182,017,942		\$208,285,132
San Francisco	SFMTA	Transit	Light Rail Vehicle Procurement	Expansion	SF-090012			\$1,126,960,331		\$1,126,960,331
San Francisco	SFMTA	Transit	Transit Center in Hunters Point	Expansion	SF-090016	\$3,400,000	\$2,900,000	\$15,700,000		\$22,000,000
San Francisco	SFMTA	Transit	Geneva Harney BRT Infrastructure: Central Segment	Expansion	SF-090020	\$7,154,000		\$32,900,000		\$40,054,000
San Francisco	SFMTA	Transit	Geneva Harney BRT Infrastructure - Eastern Segment	Expansion	SF-090023	\$21,205,000		\$76,910,000		\$98,115,000
San Francisco	SFMTA	Transit	SFMTA Zero Emission Bus Procurement	Expansion	SF-190013	\$2,822,811		\$20,402,189		\$23,225,000
San Francisco	SFMTA	Transit	SFMTA: Wayside Fare Collection Equipment	Maintenance/ Rehabilitation	SF-030013			\$43,878,241		\$43,878,241
San Francisco	SFMTA	Transit	SFMTA:Train Control & Trolley Signal Rehab/Replace	Maintenance/ Rehabilitation	SF-050024	\$23,835,000		\$185,841,481		\$209,676,481
San Francisco	SFMTA	Transit	SFMTA: Paratransit Vehicle Replacements	Maintenance/ Rehabilitation	SF-090035			\$14,653,314		\$14,653,314
San Francisco	SFMTA	Transit	SFMTA - Replacement of 40' Motor Coaches	Maintenance/ Rehabilitation	SF-150005			\$159,289,355		\$159,289,355
San Francisco	SFMTA	Transit	SFMTA Replacement of 60' Motor Coaches	Maintenance/ Rehabilitation	SF-150006			\$191,197,671		\$191,197,671
San Francisco	SFMTA	Transit	SFMTA: Replacement of 40' Trolley Coaches	Maintenance/ Rehabilitation	SF-170004			\$249,813,191		\$249,813,191
San Francisco	SFMTA	Transit	SFMTA: Replace 35 Paratransit Cutaway Vans	Maintenance/ Rehabilitation	SF-170008			\$4,012,037		\$4,012,037
San Francisco	SFMTA	Transit	SFMTA: 60' Motor Coach Mid-Life Overhaul	Maintenance/ Rehabilitation	SF-170018			\$32,370,726		\$32,370,726
San Francisco	SFMTA	Transit	SFMTA: Replacement of 30' Motor Coaches	Maintenance/ Rehabilitation	SF-170020	\$504,931		\$42,308,785		\$42,813,716
San Francisco	SFMTA	Transit	SFMTA: Rehab Historic Streetcars	Maintenance/ Rehabilitation	SF-170021			\$28,648,723		\$28,648,723
San Francisco	SFMTA	Transit	Woods Bus Facility Modernization	Maintenance/ Rehabilitation	SF-190001	\$500,000		\$5,000,000		\$5,500,000
San Francisco	SFMTA	Transit	L-Taraval - SGR Project Elements	Maintenance/ Rehabilitation	SF-190002			\$31,087,500		\$31,087,500
San Francisco	SFMTA	Transit	Muni Metro East Facility - Boiler Replacement	Maintenance/ Rehabilitation	SF-190003			\$6,440,944		\$6,440,944
San Francisco	SFMTA	Transit	SFMTA-Facilities Condition Assessment Repairs	Maintenance/ Rehabilitation	SF-190004			\$23,597,031		\$23,597,031
San Francisco	SFMTA	Transit	SF Muni Rail Replacement Program	Maintenance/ Rehabilitation	SF-95037B	\$1,500,000		\$288,956,438		\$290,456,438
San Francisco	SFMTA	Transit	SFMTA: Cable Car Vehicle Renovation Program	Maintenance/ Rehabilitation	SF-970073			\$30,260,341		\$30,260,341
San Francisco	SFMTA	Transit	SFMTA: Overhead Line Recon. & Traction Power Prog	Maintenance/ Rehabilitation	SF-970170	\$1,250,000		\$217,176,083		\$218,426,083
San Francisco	SFMTA	Transit	Cable Car Traction Power & Guideway Rehab	Maintenance/ Rehabilitation	SF-99T002	\$1,000,000		\$99,640,727		\$100,640,727
San Francisco	SFMTA	Transit	SFMTA: COVID-19 Emergency Transit Operations	Operations	SF-190007			\$373,782,759		\$373,782,759
San Francisco	SFMTA	Transit	SFMTA: ADA Paratransit Operating Support	Operations	SF-990022			\$238,337,662		\$238,337,662
San Francisco	SFMTA	Transit	SFMTA: Station-area Ped and Bike Access Improvemnt	System Management	SF-170006			\$1,562,500		\$1,562,500
San Francisco	SFMTA	Transit	SFMTA - Core Capacity Program	System Management	SF-190012	\$15,079,000		\$42,611,000		\$57,690,000
San Francisco	TBJPA	Transit	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	Expansion	SF-050002	\$173,100,000	\$266,000,000	\$3,810,900,000		\$4,250,000,000
San Francisco	TBJPA	Transit	TJPA: COVID-19 Emergency Transit Operations	Operations	SF-190009			\$583,287		\$583,287
San Francisco	TIMMA	Transit	Treasure Island Ferry Terminal Landside Imprvmnts	Expansion	SF-190006	\$110,555		\$4,220,455		\$4,331,010
San Francisco	WETA	Transit	WETA: Electric Vessels and Related Infrastructure	Expansion	SF-190008			\$9,060,000		\$9,060,000
San Francisco	WETA	Transit	WETA: Replace Ferry Vessels	Maintenance/ Rehabilitation	SF-110053			\$92,989,088		\$92,989,088
<b>San Francisco County</b>						<b>\$642,047,188</b>	<b>\$344,164,820</b>	<b>\$11,979,795,890</b>	<b>\$1,023,000</b>	<b>\$12,967,030,898</b>
San Mateo	Atherton	Local Road	Atherton Street Preservation	Maintenance/ Rehabilitation	SM-190008	\$35,000		\$351,000		\$386,000

**TIP Project Listings - Funding by Phase  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
San Mateo	BART	Transit	BART: Preventive Maintenance	Maintenance/ Rehabilitation	SM-050005			\$46,655,430		\$46,655,430
San Mateo	BART	Transit	Daly City BART Station Intermodal Improvements	System Management	SM-130029	\$550,000		\$550,000		\$1,100,000
San Mateo	Belmont	Local Road	Belmont Pavement Preservation	Maintenance/ Rehabilitation	SM-170043	\$53,000		\$547,000		\$600,000
San Mateo	Belmont	Local Road	Ralston Avenue Corridor Bike-Ped Imps	System Management	SM-170042	\$200,000		\$1,600,000		\$1,800,000
San Mateo	Brisbane	Public Lands/ Trails	Crocker Trail Commuter Connectivity Upgrades	Maintenance/ Rehabilitation	SM-170041	\$150,000		\$1,000,000		\$1,150,000
San Mateo	Brisbane	State Highway	US 101/Candlestick I/C Reconfiguration	System Management	SM-090004	\$25,000,000				\$25,000,000
San Mateo	Burlingame	Local Road	Burlingame: Broadway PDA Lighting Improvements	Maintenance/ Rehabilitation	SM-170020	\$180,000		\$720,000		\$900,000
San Mateo	Burlingame	Local Road	Burlingame Street Resurfacing	Maintenance/ Rehabilitation	SM-170021	\$200,000		\$1,171,000		\$1,371,000
San Mateo	Burlingame	Local Road	Hoover School Area Sidewalk Impvts (Summit Dr.)	System Management	SM-170015	\$33,000		\$865,000		\$898,000
San Mateo	Caltrain	Transit	Peninsula Corridor Electrification Expansion	Expansion	SM-190002			\$203,638,000		\$203,638,000
San Mateo	Caltrain	Transit	Caltrain: Systemwide Track Rehab & Related Struct.	Maintenance/ Rehabilitation	SM-03006B			\$194,055,258		\$194,055,258
San Mateo	Caltrain	Transit	South San Francisco Caltrain Station Improvements	Maintenance/ Rehabilitation	SM-170005			\$55,000,000		\$55,000,000
San Mateo	Caltrain	Transit	Caltrain TVM Rehab and Clipper Functionality	Maintenance/ Rehabilitation	SM-170010	\$219,263		\$2,622,743		\$2,842,006
San Mateo	Caltrain	Transit	Caltrain: COVID-19 Emergency Transit Operations	Operations	SM-190011			\$64,637,334		\$64,637,334
San Mateo	Caltrain	Transit	Caltrain Electrification	System Management	SF-010028	\$45,220,258		\$1,935,032,273		\$1,980,252,531
San Mateo	CCAG	Local Road	SM Countywide ITS Improvements - SSF Segment	System Management	SM-070002	\$460,000		\$7,560,000		\$8,020,000
San Mateo	CCAG	Local Road	ITS Improvements in San Mateo County Northern Citi	System Management	SM-170046	\$904,000	\$21,000	\$10,032,000		\$10,957,000
San Mateo	CCAG	State Highway	US101 Managed Lanes: Santa Clara Co-S of Grand Ave	Expansion	SM-150017	\$60,524,699	\$5,500,000	\$448,805,000		\$514,829,699
San Mateo	CCAG	State Highway	US-101 Managed Lanes North of I-380	Expansion	SM-190009	\$22,177,000		\$120,000,000		\$142,177,000
San Mateo	CCAG	State Highway	Improve US 101 operations near Rte 92	System Management	SM-090014	\$9,058,000		\$18,211,000		\$27,269,000
San Mateo	Colma	Local Road	Colma - Mission Road Bike/Ped Improvements	System Management	SM-170022	\$350,000		\$2,300,000		\$2,650,000
San Mateo	Daly City	Local Road	Daly City Central Corridor Bike/Ped Safety Imprmnt	Expansion	SM-150012	\$300,000		\$2,369,000		\$2,669,000
San Mateo	Daly City	Local Road	Daly City Street Resurfacing and Slurry Seal	Maintenance/ Rehabilitation	SM-170023	\$170,000		\$1,310,000		\$1,480,000
San Mateo	East Palo Alto	Local Road	East Palo Alto Citywide Street Resurfacing	Maintenance/ Rehabilitation	SM-170024	\$52,000		\$842,000		\$894,000
San Mateo	East Palo Alto	Local Road	US 101 University Ave Interchange Improvements	System Management	SM-070006	\$1,075,000	\$62,500	\$5,869,500		\$7,007,000
San Mateo	Half Moon Bay	Local Road	Half Moon Bay - Poplar Complete Streets	System Management	SM-170013	\$156,000		\$1,202,000		\$1,358,000
San Mateo	Half Moon Bay	State Highway	Route 1 improvements in Half Moon Bay	Expansion	SM-090015	\$600,000	\$50,000	\$9,500,000		\$10,150,000
San Mateo	Hillsborough	Local Road	Hillsborough Street Resurfacing	Maintenance/ Rehabilitation	SM-170026	\$82,000		\$993,000		\$1,075,000
San Mateo	Menlo Park	Local Road	Menlo Park-Santa Cruz Avenue & Middle Avenue Rehab	Maintenance/ Rehabilitation	SM-170027	\$59,200		\$2,104,900		\$2,164,100
San Mateo	Millbrae	Local Road	Widen Millbrae Avenue	Expansion	SM-210001	\$550,000		\$11,000,000		\$11,550,000
San Mateo	Millbrae	Local Road	Millbrae Street Rehabilitation	Maintenance/ Rehabilitation	SM-170028	\$85,000		\$774,000		\$859,000
San Mateo	MTC	Local Road	Regional Planning Activities and PPM - San Mateo	System Management	SM-170002	\$6,967,181			\$1,034,000	\$8,001,181
San Mateo	MTC	State Highway	FPP: US 101 Adaptive Ramp Metering	System Management	SM-190004	\$300,000		\$3,000,000		\$3,300,000
San Mateo	Pacifica	Local Road	Manor Drive Overcrossing and Milagra On Ramp	Expansion	SM-170004	\$1,715,000		\$18,560,000		\$20,275,000
San Mateo	Pacifica	Local Road	Pacifica - Palmetto Sidewalk Extension	Expansion	SM-170029	\$40,000		\$373,000		\$413,000
San Mateo	Portola Valley	Local Road	Portola Valley Street Preservation	Maintenance/ Rehabilitation	SM-170044	\$27,000		\$201,000		\$228,000
San Mateo	Redwood City	Local Road	Blomquist Street Extension	Expansion	SM-090007	\$4,400,000		\$18,000,000		\$22,400,000
San Mateo	Redwood City	Local Road	US 101/Woodside Road Class 1 Bikeway	Expansion	SM-170045	\$161,000		\$1,071,000		\$1,232,000
San Mateo	Redwood City	Local Road	Redwood City Pavement Preservation	Maintenance/ Rehabilitation	SM-170032	\$136,000		\$1,426,000		\$1,562,000
San Mateo	Redwood City	State Highway	US 101 / Woodside Interchange Improvement	Expansion	SM-050027	\$14,450,000	\$58,000,000	\$98,550,000		\$171,000,000
San Mateo	Redwood City	Transit	Redwood City Ferry Service	Expansion	SM-110002	\$3,032,000				\$3,032,000
San Mateo	SamTrans	Transit	SamTrans Express Bus Service	Expansion	SM-190003			\$36,502,574		\$36,502,574
San Mateo	SamTrans	Transit	SAMTRANS: Preventive Maintenance	Maintenance/ Rehabilitation	SM-030023			\$56,010,856		\$56,010,856
San Mateo	SamTrans	Transit	SAMTRANS Facility/Equipment Rehab/Replacement	Maintenance/ Rehabilitation	SM-070049			\$1,752,780		\$1,752,780
San Mateo	SamTrans	Transit	SamTrans - Replacement of Cutaway Buses	Maintenance/ Rehabilitation	SM-150010			\$2,816,925		\$2,816,925
San Mateo	SamTrans	Transit	SamTrans - Purchase of Replacement Minivans	Maintenance/ Rehabilitation	SM-150011			\$1,284,900		\$1,284,900
San Mateo	SamTrans	Transit	SamTrans: COVID-19 Emergency Transit Operations	Operations	SM-190010			\$45,880,100		\$45,880,100
San Mateo	SamTrans	Transit	SAMTRANS: ADA Paratransit Operating Subsidy	Operations	SM-990026			\$19,741,152		\$19,741,152
San Mateo	SamTrans	Transit	El Camino Real Traffic Signal Priority Project	System Management	SM-170008			\$3,907,151		\$3,907,151
San Mateo	San Bruno	Local Road	Huntington/San Antonio Street Rehabilitation	Maintenance/ Rehabilitation	SM-170033	\$70,000		\$1,860,000		\$1,930,000
San Mateo	San Bruno	Local Road	Huntington Transit Corridor Bike/Ped Improvements	System Management	SM-170017	\$155,000		\$1,002,000		\$1,157,000
San Mateo	San Carlos	Local Road	Brittan Ave. Widening	Expansion	SM-190001	\$450,000		\$4,500,000		\$4,950,000
San Mateo	San Carlos	Local Road	Cedar and Brittan Ave Pavement Rehab	Maintenance/ Rehabilitation	SM-170035	\$75,000		\$575,000		\$650,000
San Mateo	San Carlos	Local Road	Ped Enhancements Arroyo/Cedar & Hemlock/Orange	System Management	SM-170034	\$65,000		\$665,000		\$730,000
San Mateo	San Carlos	State Highway	US101/Holly St I/C Mod and Bike/Ped Overcrossing	System Management	SM-090008	\$4,500,000		\$35,620,000		\$40,120,000
San Mateo	San Mateo	Local Road	San Mateo Street Rehabilitation	Maintenance/ Rehabilitation	SM-170040	\$207,000		\$1,593,000		\$1,800,000
San Mateo	San Mateo	Local Road	North San Mateo Drive Sustainable Streets	System Management	SM-170038	\$403,600		\$3,560,000		\$3,963,600
San Mateo	San Mateo	Local Road	Laurie Meadows Ped/Bike Safety Improvements	System Management	SM-170039	\$128,000		\$987,000		\$1,115,000
San Mateo	San Mateo	Public Lands/ Trails	East Hillsdale Boulevard Ped/Bike Overcrossing	Expansion	SM-170006	\$3,150,000	\$8,200,000	\$19,500,000		\$30,850,000
San Mateo	San Mateo	State Highway	US 101/Peninsula Avenue Interchange Improvements	Expansion	SM-170011	\$4,900,000	\$72,300,000	\$40,500,000		\$117,700,000
San Mateo	San Mateo	State Highway	SR92/El Camino Real (SR82) Ramp Modifications	System Management	SM-110047	\$4,729,425		\$23,030,000		\$27,759,425
San Mateo	San Mateo Co	Local Road	San Mateo Countywide Pavement Maintenance	Maintenance/ Rehabilitation	SM-170014	\$121,000		\$1,091,000		\$1,212,000
San Mateo	San Mateo Co	Public Lands/ Trails	Midcoast Multi-Modal Trail	Expansion	SM-130032	\$814,000		\$3,700,000		\$4,514,000
San Mateo	San Mateo Co	State Highway	Hwy 1 Congestion & Safety Improvements	System Management	SM-170001	\$1,450,000		\$5,750,000		\$7,200,000
San Mateo	SF City/County	Public Lands/ Trails	Southern Skyline Blvd. Ridge Trail Extension	Expansion	SM-130031	\$2,800,000		\$11,900,000		\$14,700,000
San Mateo	SMCTA	State Highway	US 101 Aux lanes from Sierra Point to SF Co. Line	Expansion	SM-090009	\$9,800,000		\$65,000,000		\$74,800,000
San Mateo	SSF	Local Road	SSF Pavement Rehabilitation	Maintenance/ Rehabilitation	SM-170036	\$134,000		\$1,027,000		\$1,161,000
San Mateo	SSF	Local Road	SSF Linden/Spruce Ave Traffic Calming Improvements	System Management	SM-150015	\$200,000		\$838,000		\$1,038,000

**TIP Project Listings - Funding by Phase**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
San Mateo	SSF	State Highway	US 101/Produce Avenue New Interchange	Expansion	SM-110003	\$10,990,000		\$125,500,000		\$136,490,000
San Mateo	SSF	State Highway	SSF Grand Boulevard Complete Streets (Phase III)	System Management	SM-170016	\$150,000		\$1,125,000		\$1,275,000
San Mateo	Woodside	Local Road	Road Rehabilitation - Town of Woodside	Maintenance/ Rehabilitation	SM-170037	\$32,000		\$543,000		\$575,000
<b>San Mateo County</b>						<b>\$244,995,626</b>	<b>\$144,133,500</b>	<b>\$3,810,260,876</b>	<b>\$1,034,000</b>	<b>\$4,200,424,002</b>
Santa Clara	Caltrans	State Highway	SCL-SM I-280 Pavement Preserv. and HOV Extension	Maintenance/ Rehabilitation	SCL190034	\$5,137,000	\$98,000	\$54,235,000		\$59,470,000
Santa Clara	Campbell	Local Road	Harriet Avenue Sidewalk Improvements	System Management	SCL190042	\$205,000		\$1,150,000		\$1,355,000
Santa Clara	Campbell	State Highway	SR 17 Southbound/Hamilton Ave. Off-Ramp Widening	System Management	SCL210003	\$507,000		\$1,000,000		\$1,507,000
Santa Clara	Cupertino	Local Road	McClellan Road Separated Bikeways (Phase 3)	System Management	SCL190036	\$300,000		\$2,200,000		\$2,500,000
Santa Clara	Los Altos	Local Road	Los Altos: Fremont Ave Pavement Preservation	Maintenance/ Rehabilitation	SCL170038	\$170,000		\$1,546,042		\$1,716,042
Santa Clara	Los Gatos	Local Road	Shannon Road Complete Streets	System Management	SCL190033	\$100,000		\$1,190,000		\$1,290,000
Santa Clara	Los Gatos	Public Lands/ Trails	Los Gatos Creek Trail to Hwy 9 Trailhead Connector	Expansion	SCL170028	\$387,440		\$4,000,000		\$4,387,440
Santa Clara	Milpitas	Local Road	Street Resurfacing 2020 & 2021	Maintenance/ Rehabilitation	SCL170039	\$385,920		\$5,098,602		\$5,484,522
Santa Clara	Morgan Hill	Local Road	Dunne Avenue Pavement Rehabilitation	Maintenance/ Rehabilitation	SCL170063	\$95,000		\$1,157,000		\$1,252,000
Santa Clara	Mountain View	Regional	US 101/Shoreline Boulevard IC Improvements	System Management	SCL210004	\$8,420,000		\$11,580,000		\$20,000,000
Santa Clara	Mountain View	Transit	Rengstorff Grade Separation	System Management	SCL190032	\$28,350,000	\$30,000,000	\$92,000,000		\$150,350,000
Santa Clara	MTC	Local Road	Regional Planning Activities and PPM - Santa Clara	System Management	SCL170001	\$14,307,470			\$2,405,000	\$16,712,470
Santa Clara	Palo Alto	Local Road	Waverley, E. Meadow & Fabian Enhanced Bikeways	Expansion	SCL170053	\$480,000		\$919,000		\$1,399,000
Santa Clara	Palo Alto	Local Road	Palo Alto-El Camino Real Ped Safety & Streetscape	System Management	SCL170051	\$709,000		\$4,655,000		\$5,364,000
Santa Clara	San Jose	Local Road	Bay Trail Reach 9 & 9B	Expansion	SCL050082	\$815,000	\$63,000	\$7,660,000		\$8,538,000
Santa Clara	San Jose	Local Road	San Jose - Autumn Street Extension	Expansion	SCL110006	\$5,300,000		\$12,000,000		\$17,300,000
Santa Clara	San Jose	Local Road	San Jose: Los Gatos Creek Reach 5 Underpass	Expansion	SCL110029	\$2,450,000	\$100,000	\$2,500,000		\$5,050,000
Santa Clara	San Jose	Local Road	San Jose - Better Bikeways	Expansion	SCL130004	\$375,000		\$1,299,000		\$1,674,000
Santa Clara	San Jose	Local Road	East San Jose Bikeways	Expansion	SCL130016	\$457,000	\$75,000	\$2,000,000		\$2,532,000
Santa Clara	San Jose	Local Road	US 101/Old Oakland Road Interchange improvements	Expansion	SCL190001	\$6,000,000		\$19,000,000		\$25,000,000
Santa Clara	San Jose	Local Road	Better Bikeway San Jose - San Fernando Street	Expansion	SCL190029	\$2,647,000		\$9,272,000		\$11,919,000
Santa Clara	San Jose	Local Road	San Jose Pavement Maintenance	Maintenance/ Rehabilitation	SCL170044	\$1,648,820		\$18,797,335		\$20,446,155
Santa Clara	San Jose	Local Road	Tully Road Safety Improvements	System Management	SCL170029	\$2,399,640		\$8,550,360		\$10,950,000
Santa Clara	San Jose	Local Road	McKee Road Safety Improvements	System Management	SCL170030	\$2,406,067		\$8,573,933		\$10,980,000
Santa Clara	San Jose	Local Road	Mt Pleasant Ped & Bike Traffic Safety Improvements	System Management	SCL170031	\$268,207		\$991,793		\$1,260,000
Santa Clara	San Jose	Local Road	W San Carlos Urban Village Streets Improvements	System Management	SCL170061	\$3,333,000		\$6,767,000		\$10,100,000
Santa Clara	San Jose	Local Road	Eastside Alum Rock (East of 680) Urban Village	System Management	SCL170062	\$446,000				\$446,000
Santa Clara	San Jose	Local Road	Willow-Keys Complete Streets Improvements	System Management	SCL190028	\$4,535,092	\$400,000	\$15,038,192		\$19,973,284
Santa Clara	San Jose	Public Lands/ Trails	Coyote Creek Trail (Hwy 237-Story Rd)	Expansion	SCL050083	\$3,877,630		\$37,705,001		\$41,582,631
Santa Clara	San Jose	State Highway	US 101/Blossom Hill Interchange Improvements	Expansion	SCL030006	\$5,000,000	\$500,000	\$18,914,000		\$24,414,000
Santa Clara	Santa Clara	Public Lands/ Trails	Saratoga Creek Trail Phase 1	Expansion	SCL170045	\$570,000		\$4,756,000		\$5,326,000
Santa Clara	Santa Clara	Public Lands/ Trails	San Tomas Aquino Creek Trail Underpass	Expansion	SCL170052	\$620,000		\$3,100,000		\$3,720,000
Santa Clara	Santa Clara	Public Lands/ Trails	Hetch-Hetchy Trail Phase 1	Expansion	SCL170055	\$250,000		\$1,000,000		\$1,250,000
Santa Clara	Santa Clara	Public Lands/ Trails	Santa Clara School Access Improvements	System Management	SCL170056	\$200,000		\$1,450,000		\$1,650,000
Santa Clara	Santa Clara Co	Local Road	Montague Expwy Widening - Trade Zone-Great Mall	Expansion	SCL090017	\$1,000,000	\$1,000,000	\$17,000,000		\$19,000,000
Santa Clara	Saratoga	Local Road	Saratoga Village Crosswalks and Sidewalk Rehab	Maintenance/ Rehabilitation	SCL170054	\$40,000		\$382,000		\$422,000
Santa Clara	Sunnyvale	Local Road	Bernardo Avenue Bicycle Underpass	Expansion	SCL170020	\$1,665,069		\$8,700,000		\$10,365,069
Santa Clara	Sunnyvale	Local Road	Java Dr Road Diet and Bike Lanes	Expansion	SCL170022	\$469,889		\$362,000		\$831,889
Santa Clara	Sunnyvale	Local Road	Peery Park "Sense of Place" Improvements	Expansion	SCL170023	\$1,457,000		\$2,737,000		\$4,194,000
Santa Clara	Sunnyvale	Local Road	East Sunnyvale Area "Sense of Place"	Expansion	SCL170024	\$1,653,000		\$2,203,900		\$3,856,900
Santa Clara	Sunnyvale	Local Road	Fair Oaks Avenue Bikeway - Phase 2	Expansion	SCL170025	\$424,000		\$566,000		\$990,000
Santa Clara	Sunnyvale	Local Road	Lawerence Station Area Sidewalks & Bike Facilities	Expansion	SCL170026	\$271,000		\$362,000		\$633,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale Traffic Signal Upgrades/Replacements	Maintenance/ Rehabilitation	SCL170027	\$533,000		\$2,366,000		\$2,899,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale SNAIL Neighborhood Improvements	System Management	SCL170017	\$1,065,000		\$4,981,000		\$6,046,000
Santa Clara	Sunnyvale	Local Road	Homestead Rd at Homestead High School Improvements	System Management	SCL170043	\$265,000		\$1,000,000		\$1,265,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale Ped and Bike Infrastructure Improvements	System Management	SCL170057	\$244,000		\$919,000		\$1,163,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale Safe Routes to School Improvements	System Management	SCL170059	\$468,000		\$1,894,000		\$2,362,000
Santa Clara	VTA	Local Road	Local PDA Planning - Santa Clara	System Management	SCL110125	\$4,955,845				\$4,955,845
Santa Clara	VTA	Local Road	SR 237/US 101/Mathilda Interchange Modifications	System Management	SCL130001	\$8,000,000	\$800,000	\$38,200,000		\$47,000,000
Santa Clara	VTA	Local Road	IDEA Cat 2: Valley Transportation Authority	System Management	SCL170065	\$100,000		\$995,000		\$1,095,000
Santa Clara	VTA	Local Road	US 101/Zanker Road-Skyport Drive-N. Fourth St. Imp	System Management	SCL190007	\$19,300,000	\$70,000,000	\$71,700,000		\$161,000,000
Santa Clara	VTA	State Highway	SR 152 New Alignment	Expansion	SCL090016	\$30,000,000				\$30,000,000
Santa Clara	VTA	State Highway	SR 85 Express Lanes	Expansion	SCL090030	\$37,900,000	\$1,600,000	\$148,000,000		\$187,500,000
Santa Clara	VTA	State Highway	Santa Clara County - US 101 Express Lanes	Expansion	SCL110002	\$75,877,000	\$6,468,000	\$383,700,000		\$466,045,000
Santa Clara	VTA	State Highway	I-280/Foothill Expressway Off Ramp Improvement	Expansion	SCL190002	\$1,200,000		\$4,300,000		\$5,500,000
Santa Clara	VTA	State Highway	Calaveras Boulevard Widening	Expansion	SCL190009	\$12,000,000	\$10,000,000	\$63,000,000		\$85,000,000
Santa Clara	VTA	State Highway	US 101/SR 152/10th Ramp and Intersection Imp.	Expansion	SCL210002	\$4,500,000		\$6,300,000		\$10,800,000
Santa Clara	VTA	State Highway	I-880 Stevens Creek Landscaping	System Management	SCL130044	\$871,139		\$2,934,279		\$3,805,418
Santa Clara	VTA	State Highway	I-680 Soundwalls - Capitol Expwy to Mueller Ave	System Management	SCL150001	\$1,726,700	\$630,000	\$3,275,000		\$5,631,700
Santa Clara	VTA	State Highway	I-280/Winchester Blvd Interchange Improvement	System Management	SCL150014	\$11,000,000	\$10,000,000	\$68,000,000		\$89,000,000
Santa Clara	VTA	State Highway	I-280 Soundwalls - SR-87 to Los Gatos Creek Bridge	System Management	SCL170064	\$1,762,000	\$456,000	\$4,782,000		\$7,000,000
Santa Clara	VTA	State Highway	Hwy. Transp Operations System/FPI Phase 1 & 2	System Management	SCL190003	\$6,000,000	\$1,000,000	\$13,000,000		\$20,000,000
Santa Clara	VTA	State Highway	I-280 HOV - San Mateo County line to Magdalena Ave	System Management	SCL190004	\$14,000,000	\$4,000,000	\$36,000,000		\$54,000,000
Santa Clara	VTA	State Highway	SR 237 WB Auxiliary Lane fr McCarthy to North 1st	System Management	SCL190005	\$7,800,000	\$16,000,000	\$28,200,000		\$52,000,000

**TIP Project Listings - Funding by Phase**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Santa Clara	VTA	State Highway	Double Lane Southbound US 101 off-ramp to SB SR 87	System Management	SCL190006	\$500,000		\$2,500,000		\$3,000,000
Santa Clara	VTA	State Highway	US 101/De L Cruz Blvd - Trimble Road I/C Imp	System Management	SCL190008	\$8,000,000	\$7,000,000	\$38,000,000		\$53,000,000
Santa Clara	VTA	State Highway	US 101/Buena Vista Avenue Interchange Improvement	System Management	SCL190010	\$10,000,000	\$2,000,000	\$22,000,000		\$34,000,000
Santa Clara	VTA	State Highway	I-280/Wolfe Road Interchange Improvement	System Management	SCL190011	\$12,000,000	\$6,530,000	\$77,150,000		\$95,680,000
Santa Clara	VTA	State Highway	US 101/San Antonio Rd/Charleston/Rengstorff IC Imp	System Management	SCL190012	\$11,000,000	\$3,000,000	\$26,000,000		\$40,000,000
Santa Clara	VTA	State Highway	US 101/SR 25 Interchange - Phase 1	System Management	SCL190013	\$7,200,000	\$15,000,000	\$79,000,000		\$101,200,000
Santa Clara	VTA	State Highway	SR 17 Congestion Relief in Los Gatos	System Management	SCL190014	\$11,000,000	\$500,000	\$39,500,000		\$51,000,000
Santa Clara	VTA	State Highway	I-280/Saratoga Avenue Interchange Improvement	System Management	SCL190015	\$11,000,000	\$3,200,000	\$45,800,000		\$60,000,000
Santa Clara	VTA	State Highway	I-280 NB Braided Ramps btw Foothill Expwy & SR 85	System Management	SCL190016	\$16,200,000	\$2,700,000	\$35,100,000		\$54,000,000
Santa Clara	VTA	State Highway	I-680/ Alum Rock/ McKee Road Interchange Imp	System Management	SCL190017	\$14,100,000	\$2,350,000	\$30,550,000		\$47,000,000
Santa Clara	VTA	State Highway	Santa Clara Countywide Noise Abatement Program	System Management	SCL190031	\$22,000,000	\$2,000,000	\$12,000,000		\$36,000,000
Santa Clara	VTA	State Highway	SR 87/Charcot Ave On-Ramp HOV Bypass	System Management	SCL210001	\$300,000		\$2,700,000		\$3,000,000
Santa Clara	VTA	Transit	BART - Berryessa to San Jose Extension	Expansion	BRT030001	\$220,914,000	\$360,153,000	\$4,198,868,000		\$4,779,935,000
Santa Clara	VTA	Transit	Eastridge to BART Regional Connector	Expansion	SCL050009	\$77,917,000	\$64,123,000	\$368,239,000		\$510,279,000
Santa Clara	VTA	Transit	LRT Extension to Vasona Junction and Double Track	Expansion	SCL090040	\$17,250,000	\$25,750,000	\$213,000,000		\$256,000,000
Santa Clara	VTA	Transit	VTA: Standard & Small Bus Replacement	Maintenance/ Rehabilitation	SCL050001			\$297,481,126		\$297,481,126
Santa Clara	VTA	Transit	VTA: Rail Replacement Program	Maintenance/ Rehabilitation	SCL050002			\$61,760,728		\$61,760,728
Santa Clara	VTA	Transit	VTA: TP OCS Rehab & Replacement	Maintenance/ Rehabilitation	SCL090044			\$32,809,940		\$32,809,940
Santa Clara	VTA	Transit	VTA: Light Rail Bridge and Structure - SG Repair	Maintenance/ Rehabilitation	SCL110099			\$4,850,000		\$4,850,000
Santa Clara	VTA	Transit	VTA: Light Rail Track Crossovers and Switches	Maintenance/ Rehabilitation	SCL110104			\$35,193,847		\$35,193,847
Santa Clara	VTA	Transit	VTA Train to Wayside Communication System Upgrade	Maintenance/ Rehabilitation	SCL150005			\$1,605,750		\$1,605,750
Santa Clara	VTA	Transit	VTA: Paratransit Vehicle Procurement	Maintenance/ Rehabilitation	SCL170005			\$10,216,645		\$10,216,645
Santa Clara	VTA	Transit	VTA: Replace Fault Monitoring System on LRVs	Maintenance/ Rehabilitation	SCL170006			\$2,819,000		\$2,819,000
Santa Clara	VTA	Transit	VTA: Pedestrian Swing Gates Replacement	Maintenance/ Rehabilitation	SCL170007			\$4,280,000		\$4,280,000
Santa Clara	VTA	Transit	VTA: Vasona Pedestrian Back Gates	Maintenance/ Rehabilitation	SCL170008			\$2,900,000		\$2,900,000
Santa Clara	VTA	Transit	VTA: Chaboya Yard Well Removal	Maintenance/ Rehabilitation	SCL170009			\$395,000		\$395,000
Santa Clara	VTA	Transit	VTA: Guadalupe Train Wash Replacement	Maintenance/ Rehabilitation	SCL170010			\$2,810,000		\$2,810,000
Santa Clara	VTA	Transit	VTA: Upgrade Rail Grade Crossing Control Equipment	Maintenance/ Rehabilitation	SCL170011			\$5,460,000		\$5,460,000
Santa Clara	VTA	Transit	VTA: Non-Revenue Vehicle Procurement	Maintenance/ Rehabilitation	SCL170047			\$400,000		\$400,000
Santa Clara	VTA	Transit	VTA: SCADA Middleware Replacement	Maintenance/ Rehabilitation	SCL170049			\$1,438,000		\$1,438,000
Santa Clara	VTA	Transit	VTA: SCADA Control Center System Replacement	Maintenance/ Rehabilitation	SCL170050			\$3,769,000		\$3,769,000
Santa Clara	VTA	Transit	VTA: Bus CCTV Replacement	Maintenance/ Rehabilitation	SCL190023			\$3,300,000		\$3,300,000
Santa Clara	VTA	Transit	VTA: Transit Center Park and Ride Rehab	Maintenance/ Rehabilitation	SCL190024			\$2,000,000		\$2,000,000
Santa Clara	VTA	Transit	VTA: Gigabit Ethernet Network	Maintenance/ Rehabilitation	SCL190025			\$1,200,000		\$1,200,000
Santa Clara	VTA	Transit	VTA: HVAC Replacement	Maintenance/ Rehabilitation	SCL190026			\$1,810,332		\$1,810,332
Santa Clara	VTA	Transit	VTA: SCADA Hardware, Software, Network Upgrade	Maintenance/ Rehabilitation	SCL190027			\$5,559,120		\$5,559,120
Santa Clara	VTA	Transit	VTA: Bus & LR Vehicle Mobile Router Replacement	Maintenance/ Rehabilitation	SCL190037			\$1,500,000		\$1,500,000
Santa Clara	VTA	Transit	VTA: Fuel Dispenser & UDC Replacement	Maintenance/ Rehabilitation	SCL190040			\$2,400,000		\$2,400,000
Santa Clara	VTA	Transit	VTA: Replace UPSs and PDU in OCC/EOC	Maintenance/ Rehabilitation	SCL190041			\$471,702		\$471,702
Santa Clara	VTA	Transit	Replace/Upgrade Fire Alarm at Guadalupe & Chaboya	Maintenance/ Rehabilitation	SCL190043			\$1,500,000		\$1,500,000
Santa Clara	VTA	Transit	VTA: Network & Gigabit Fiber Upgrade	Maintenance/ Rehabilitation	SCL190044			\$1,500,000		\$1,500,000
Santa Clara	VTA	Transit	VTA: Cameras for VTA ACCESS Paratransit Vehicles	Maintenance/ Rehabilitation	SCL190045			\$2,256,063		\$2,256,063
Santa Clara	VTA	Transit	VTA: Rehab of LR System Elevators and Escalators	Maintenance/ Rehabilitation	SCL190046			\$9,300,000		\$9,300,000
Santa Clara	VTA	Transit	VTA: Downtown San Jose Speed Improvements	Maintenance/ Rehabilitation	SCL190047			\$6,150,000		\$6,150,000
Santa Clara	VTA	Transit	VTA: Light Rail Station Rehabilitation	Maintenance/ Rehabilitation	SCL190048			\$970,000		\$970,000
Santa Clara	VTA	Transit	VTA: Public Address System Upgrade	Maintenance/ Rehabilitation	SCL190049			\$2,770,440		\$2,770,440
Santa Clara	VTA	Transit	VTA: LR Platform CCTV System Replacement	Maintenance/ Rehabilitation	SCL190050			\$557,000		\$557,000
Santa Clara	VTA	Transit	VTA: Pedestrian Backgates - Non-Vasona	Maintenance/ Rehabilitation	SCL190051			\$8,200,000		\$8,200,000
Santa Clara	VTA	Transit	VTA: Guadalupe Roll Up Doors	Maintenance/ Rehabilitation	SCL190052			\$2,500,000		\$2,500,000
Santa Clara	VTA	Transit	VTA: Guadalupe Steam Rack Improv & Liner Replace	Maintenance/ Rehabilitation	SCL190053			\$3,000,000		\$3,000,000
Santa Clara	VTA	Transit	VTA: Guadalupe Entrance Security Improvement	Maintenance/ Rehabilitation	SCL190054			\$1,250,000		\$1,250,000
Santa Clara	VTA	Transit	VTA: Preventive Maintenance	Maintenance/ Rehabilitation	SCL990046			\$596,267,531		\$596,267,531
Santa Clara	VTA	Transit	VTA: ADA Operating Set Aside	Operations	SCL050046			\$67,836,371		\$67,836,371
Santa Clara	VTA	Transit	VTA: COVID-19 Emergency Transit Operations	Operations	SCL190038			\$141,575,706		\$141,575,706
Santa Clara	VTA	Transit	VTA: Back-up Power for Elevated Stations	System Management	SCL150006			\$400,000		\$400,000
Santa Clara	VTA	Transit	VTA Track Intrusion Abatement	System Management	SCL150008			\$11,000,000		\$11,000,000
Santa Clara	VTA	Transit	VTA BART Phase II TOD and Station Access Planning	System Management	SCL170002	\$1,900,000				\$1,900,000
Santa Clara	VTA	Transit	VTA: Systemwide Security Improvements	System Management	SCL170046			\$506,948		\$506,948
Santa Clara	VTA	Transit	VTA: Light Rail Roadway Protection System	System Management	SCL170048			\$1,939,000		\$1,939,000
Santa Clara	VTA	Transit	VTA - Not on Transit Program	System Management	SCL190035				\$500,000	\$500,000
Santa Clara	VTA	Transit	VTA: Facilities ADA Upgrades	System Management	SCL190039			\$3,200,000		\$3,200,000
<b>Santa Clara County</b>						<b>\$790,980,928</b>	<b>\$647,496,000</b>	<b>\$7,815,480,686</b>	<b>\$2,905,000</b>	<b>\$9,256,862,614</b>
Solano	Benicia	Local Road	Benicia - Park Road Improvements	Maintenance/ Rehabilitation	SOL170011	\$500,000		\$5,358,000		\$5,858,000
Solano	Dixon	Local Road	Parkway Blvd/UPRR Grade Separation	Expansion	SOL050009	\$1,550,000	\$2,289,000	\$12,000,000		\$15,839,000
Solano	Dixon	Transit	Dixon: COVID-19 Emergency Transit Operations	Operations	SOL190018			\$390,273		\$390,273
Solano	Fairfield	Local Road	East Tabor Tolenas SR2S Sidewalk Gap Closure	Expansion	SOL170006	\$282,000	\$138,000	\$1,440,000		\$1,860,000
Solano	Fairfield	Local Road	Grange Middle School Safe Routes to School	System Management	SOL170010	\$26,000		\$260,000		\$286,000
Solano	Fairfield	Transit	Fairfield/Vacaville Intermodal Rail Station	Expansion	SOL030002	\$6,168,164	\$1,890,000	\$72,533,297		\$80,591,461

**TIP Project Listings - Funding by Phase  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Solano	Fairfield	Transit	Fairfield Transportation Center - Phase 3	Expansion	SOL110007	\$615,000		\$7,708,000		\$8,323,000
Solano	Fairfield	Transit	Fairfield-Suisun Intercity/Local Bus Replacement	Maintenance/ Rehabilitation	SOL110041			\$7,492,217		\$7,492,217
Solano	Fairfield	Transit	City of Fairfield Operating Assistance	Operations	SOL010006			\$69,657,216		\$69,657,216
Solano	Fairfield	Transit	Fairfield: COVID-19 Emergency Transit Operations	Operations	SOL190020			\$3,938,816		\$3,938,816
Solano	F-S Transit	Transit	Fairfield - Electric Bus Fleet and Infrastructure	Maintenance/ Rehabilitation	SOL190003			\$11,252,155		\$11,252,155
Solano	MTC	Local Road	Regional Planning Activities and PPM - Solano	System Management	SOL170001	\$8,431,181			\$629,000	\$9,060,181
Solano	MTC	State Highway	Solano I-80 Managed Lanes	Expansion	SOL110001	\$25,500,000	\$1,810,000	\$234,790,000		\$262,100,000
Solano	Rio Vista	Transit	Rio Vista: COVID-19 Emergency Transit Operations	Operations	SOL190019			\$157,840		\$157,840
Solano	Solano County	Local Road	Suisun Valley Bicycle and Pedestrian Imps	Expansion	SOL130007	\$530,200		\$7,047,200		\$7,577,400
Solano	Solano County	Local Road	Solano County Roadway Preservation	Maintenance/ Rehabilitation	SOL170015	\$45,000		\$572,000		\$617,000
Solano	Solano County	Local Road	Solano County Farm to Market Phase 3	System Management	SOL170016	\$150,000		\$3,297,000		\$3,447,000
Solano	Solano County	State Highway	Redwood-Fairgrounds Dr Interchange Imps	Expansion	SOL090015	\$6,797,333	\$26,000,000	\$63,678,902		\$96,476,235
Solano	SolTrans	Transit	SolTrans: Preventive Maintenance	Maintenance/ Rehabilitation	SOL070032			\$5,068,331		\$5,068,331
Solano	SolTrans	Transit	SolTrans: Bus Replacement (Alternative Fuel)	Maintenance/ Rehabilitation	SOL090034			\$14,284,365		\$14,284,365
Solano	SolTrans	Transit	SolTrans Electric Bus Charging Infrastructure	Maintenance/ Rehabilitation	SOL190017	\$1,000,000		\$4,355,000		\$5,355,000
Solano	SolTrans	Transit	SolTrans: ADA Paratransit Operating Subsidy	Operations	SOL110025			\$4,577,594		\$4,577,594
Solano	SolTrans	Transit	SolTrans: Operating Assistance	Operations	SOL110040			\$28,319,058		\$28,319,058
Solano	SolTrans	Transit	SolTrans: COVID-19 Emergency Transit Operations	Operations	SOL190021			\$5,531,848		\$5,531,848
Solano	SolTrans	Transit	SolTrans: Data Management Technology Enhancements	System Management	SOL170002			\$400,000		\$400,000
Solano	SolTrans	Transit	Soltrans: Facilities and Amenities Improvements	System Management	SOL170003			\$300,000		\$300,000
Solano	STA	Local Road	Jepson: Walters Rd Ext - Peabody Rd Widening	Expansion	SOL110004	\$1,454,000	\$1,304,000	\$10,673,000		\$13,431,000
Solano	STA	Local Road	Jepson: Leisure Town Road from Vanden to Commerce	Expansion	SOL110005	\$1,926,000	\$1,016,000	\$25,260,114		\$28,202,114
Solano	STA	Local Road	Jepson: Leisure Town Road Phase 1B and 1C	Expansion	SOL110006	\$4,495,250	\$893,000	\$16,464,592		\$21,852,842
Solano	STA	Local Road	Solano Safe Routes to School Program	System Management	SOL110019			\$3,850,589		\$3,850,589
Solano	STA	Local Road	STA SR2S Infrastructure & Non-infrastructure	System Management	SOL150004	\$422,000	\$18,000	\$3,027,000		\$3,467,000
Solano	STA	Regional	SolanoExpress Corp Yard Elec	System Management	SOL190001	\$200,000		\$2,000,000		\$2,200,000
Solano	STA	State Highway	I-80/I-680/SR 12 Interchange Improvements	Expansion	SOL070020	\$54,488,393	\$44,932,599	\$561,596,008		\$661,017,000
Solano	STA	State Highway	I-80/I-680/SR 12 Interchange Phase 2A	Expansion	SOL190024	\$11,700,000	\$4,000,000	\$77,000,000		\$92,700,000
Solano	STA	State Highway	SR12/Church Rd Intersection Improvements	System Management	SOL150003	\$1,110,000	\$70,000	\$3,620,000		\$4,800,000
Solano	STA	Transit	Solano Mobility Call Center	System Management	SOL170009			\$1,736,000		\$1,736,000
Solano	STA	Transit	SolanoExpress Capitol Improvements	System Management	SOL170017	\$500,000		\$7,000,000		\$7,500,000
Solano	STA	Transit	SolanoExpress Bus Electrification	System Management	SOL190002			\$12,128,000		\$12,128,000
Solano	STA	Transit	Solano Regional Transit Improvements - TIRCP 2020	System Management	SOL190023	\$1,853,000		\$15,297,000		\$17,150,000
Solano	Suisun City	Local Road	New Railroad Avenue Pavement Rehabilitation	Maintenance/ Rehabilitation	SOL170014	\$64,000		\$491,000		\$555,000
Solano	Suisun City	Public Lands/ Trails	McCoy Creek Trail - Phase 2	Expansion	SOL170007	\$800,000		\$3,487,000		\$4,287,000
Solano	Vacaville	Local Road	Vaca Valley/I505 Multimodal Improvements	System Management	SOL170013	\$3,000,000	\$50,000	\$10,907,000		\$13,957,000
Solano	Vacaville	Transit	Vacaville Transit: Operating Assistance	Operations	SOL010007			\$23,028,833		\$23,028,833
Solano	Vacaville	Transit	Vacaville: COVID-19 Emergency Transit Operations	Operations	SOL190022			\$1,789,887		\$1,789,887
Solano	Vacaville	Transit	Transit Marketing and Public Outreach	System Management	SOL130017			\$215,388		\$215,388
Solano	Vallejo	Local Road	Vallejo Downtown Streetscape	System Management	SOL110035	\$233,000		\$4,256,000		\$4,489,000
Solano	Vallejo	Local Road	Vallejo - Sacramento St Road Diet and Rehab	System Management	SOL190004	\$89,000		\$681,000		\$770,000
Solano	Vallejo	Public Lands/ Trails	Vallejo Bay Trail / Vine Trail Gap Closure	Expansion	SOL170008	\$966,000		\$4,362,000		\$5,328,000
Solano	Vallejo	State Highway	Sonoma Boulevard Improvements HSIP5-04-031	System Management	SOL110037	\$58,353		\$354,049		\$412,402
<b>Solano County</b>						<b>\$134,953,874</b>	<b>\$84,410,599</b>	<b>\$1,353,633,572</b>	<b>\$629,000</b>	<b>\$1,573,627,045</b>
Sonoma	Cloverdale	Local Road	Cloverdale - Safe Routes to School Phase 2	Expansion	SON130016	\$66,454	\$100,590	\$100,000		\$267,044
Sonoma	Cotati	Local Road	E. Cotati Avenue Street Rehabilitation Project	Maintenance/ Rehabilitation	SON170015	\$88,000		\$675,000		\$763,000
Sonoma	Healdsburg	Local Road	Healdsburg Avenue Complete Streets Improvements	System Management	SON170024	\$250,000		\$1,000,000		\$1,250,000
Sonoma	MTC	Local Road	Regional Planning Activities and PPM - Sonoma	System Management	SON170002	\$6,495,181			\$781,000	\$7,276,181
Sonoma	Petaluma	Local Road	Petaluma Blvd South Road Diet at E Street	System Management	SON170011	\$323,100		\$2,972,000		\$3,295,100
Sonoma	Petaluma	Transit	Petaluma: Transit Yard & Facilities Improvements	Maintenance/ Rehabilitation	SON170005			\$226,785		\$226,785
Sonoma	Petaluma	Transit	Petaluma AVL Equipment	Maintenance/ Rehabilitation	SON170017			\$224,000		\$224,000
Sonoma	Petaluma	Transit	Petaluma Purchase 1 Remanufactured Fixed Route Bus	Maintenance/ Rehabilitation	SON170018			\$226,667		\$226,667
Sonoma	Petaluma	Transit	Petaluma: Replace 2 Paratransit Cutaways	Maintenance/ Rehabilitation	SON170020			\$180,000		\$180,000
Sonoma	Petaluma	Transit	Petaluma: Purchase Replacement Paratransit Van	Maintenance/ Rehabilitation	SON190004			\$184,000		\$184,000
Sonoma	Petaluma	Transit	Petaluma Transit: Security Systems Upgrade	Maintenance/ Rehabilitation	SON190005			\$50,000		\$50,000
Sonoma	Petaluma	Transit	Petaluma Transit: ADA Set-Aside	Operations	SON150007			\$657,180		\$657,180
Sonoma	Petaluma	Transit	Petaluma: COVID-19 Emergency Transit Operations	Operations	SON190008			\$1,060,946		\$1,060,946
Sonoma	Rohnert Park	Local Road	Rohnert Park Various Streets Rehabilitation	Maintenance/ Rehabilitation	SON170016	\$476,000		\$1,350,000		\$1,826,000
Sonoma	Santa Rosa	Local Road	Highway 101 Bicycle and Pedestrian Overcrossing	Expansion	SON170012	\$2,013,000	\$2,350,000	\$23,750,000		\$28,113,000
Sonoma	Santa Rosa	Local Road	Santa Rosa Pavement Rehab of Various Streets	Maintenance/ Rehabilitation	SON170023	\$180,000		\$1,869,423		\$2,049,423
Sonoma	Santa Rosa	Local Road	Jennings Ave Bike & Ped RR Crossing Corridor	System Management	SON150003	\$183,000		\$1,578,000		\$1,761,000
Sonoma	Santa Rosa	Local Road	SantaRosa Downtown Comm Infrastructure Enhancement	System Management	SON190011	\$52,000		\$400,000		\$452,000
Sonoma	Santa Rosa	State Highway	US 101 Hearn Ave Interchange	System Management	SON150006	\$4,100,000	\$1,600,000	\$28,950,000		\$34,650,000
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus: Preventative Maintenance	Maintenance/ Rehabilitation	SON090024			\$11,573,051		\$11,573,051
Sonoma	SantaRosa Bus	Transit	SantaRosa Bus: Bus Replacement Purchase	Maintenance/ Rehabilitation	SON150008			\$3,622,676		\$3,622,676
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus: Electric Bus Replacement	Maintenance/ Rehabilitation	SON170026			\$3,513,708		\$3,513,708
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus: Operating Assistance	Operations	SON090023			\$29,527,522		\$29,527,522
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus-paratransit operations	Operations	SON170003			\$1,948,252		\$1,948,252

**TIP Project Listings - Funding by Phase**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Sonoma	SantaRosa Bus	Transit	SR CityBus: COVID-19 Emergency Transit Operations	Operations	SON190009			\$4,075,668		\$4,075,668
Sonoma	Sebastopol	Local Road	Bodega Avenue Bike Lanes and Pavement Rehab	Maintenance/ Rehabilitation	SON170021	\$216,000		\$2,440,729		\$2,656,729
Sonoma	SMART	Transit	SMART: COVID-19 Emergency Transit Operations	Operations	SON190010			\$14,952,532		\$14,952,532
Sonoma	Son Co Reg Park	Local Road	Central Sonoma Valley Trail	Expansion	SON110050	\$200,000		\$425,000		\$625,000
Sonoma	Son Co Reg Park	Public Lands/ Trails	Joe Rodota Trail Bridge Replacement	Maintenance/ Rehabilitation	SON170025	\$272,000		\$598,000		\$870,000
Sonoma	Son Co TA	Local Road	Santa Rosa Car Share	System Management	SON150010	\$220,000		\$170,130		\$390,130
Sonoma	Son Co TA	Local Road	Sonoma County - County-Wide SRTS Program	System Management	SON170009	\$260,000		\$2,050,000		\$2,310,000
Sonoma	Son Co TA	State Highway	US 101 Marin/Sonoma Narrows (Sonoma)	Expansion	SON070004	\$27,663,493	\$20,524,000	\$325,339,507		\$373,527,000
Sonoma	Son Co TA	State Highway	Highway 116/121 Intersection Improvement Project	System Management	SON150009	\$4,100,000	\$5,240,000	\$12,240,000		\$21,580,000
Sonoma	Son Co Transit	Transit	Sonoma Co Transit: Preventive Maintenance Program	Maintenance/ Rehabilitation	SON030005			\$19,569,402		\$19,569,402
Sonoma	Son Co Transit	Transit	Sonoma County Transit: Replacement CNG Buses	Maintenance/ Rehabilitation	SON150012			\$912,200		\$912,200
Sonoma	Son Co Transit	Transit	Sonoma County Transit: Replace 2006 CNG Buses	Maintenance/ Rehabilitation	SON150013			\$2,520,836		\$2,520,836
Sonoma	Son Co Transit	Transit	Sonoma County Transit: Replace 2009 CNG Buses	Maintenance/ Rehabilitation	SON170006			\$2,212,343		\$2,212,343
Sonoma	Son Co Transit	Transit	Sonoma Co Transit: COVID-19 Emergency Transit Ops	Operations	SON190007			\$5,772,595		\$5,772,595
Sonoma	Sonoma City	Local Road	Fryer Creek Pedestrian and Bicycle Bridge	Expansion	SON170022	\$117,504	\$41,488	\$566,000		\$724,992
Sonoma	Sonoma County	Local Road	Replace Hauser Bridge over Gualala River 20C0240	Expansion	SON110025	\$1,096,840	\$50,000	\$5,032,848		\$6,179,688
Sonoma	Sonoma County	Local Road	Crocker Bridge Bike and Pedestrian Passage	Expansion	SON170014	\$750,000		\$2,741,000		\$3,491,000
Sonoma	Sonoma County	Local Road	Sonoma County Various Streets & Roads Preservation	Maintenance/ Rehabilitation	SON130010	\$438,000		\$3,377,000		\$3,815,000
Sonoma	Sonoma County	Local Road	Bodega Highway Pavement Rehabilitation	Maintenance/ Rehabilitation	SON130015	\$60,000		\$1,130,000		\$1,190,000
Sonoma	Sonoma County	Local Road	Sonoma County - River Road Pavement Rehab	Maintenance/ Rehabilitation	SON170010	\$13,000		\$3,674,000		\$3,687,000
Sonoma	Sonoma County	Local Road	Rehabilitaiton of Various Roads in Sonoma County	Maintenance/ Rehabilitation	SON170013	\$30,000		\$2,899,000		\$2,929,000
Sonoma	Sonoma County	Local Road	Sonoma SRTS High School Pilot	System Management	SON150011			\$872,000		\$872,000
Sonoma	Windsor	Local Road	Conde Ln/Johnson St Pedestrian Improvements	System Management	SON130012	\$83,000		\$522,000		\$605,000
Sonoma	Windsor	Local Road	Bell Rd/Market St/Windsor River Rd Ped Improvement	System Management	SON130013	\$83,000		\$632,500		\$715,500
Sonoma	Windsor	Local Road	Windsor River Road/Windsor Road Intersection Imps	System Management	SON170001	\$800,000		\$5,000,000		\$5,800,000
<b>Sonoma County</b>						<b>\$50,629,572</b>	<b>\$29,906,078</b>	<b>\$535,364,500</b>	<b>\$781,000</b>	<b>\$616,681,150</b>
Regional/ Multi-County	ACE	Transit	ACE Positive Train Control	System Management	REG110044	\$2,000,000		\$32,325,358		\$34,325,358
Regional/ Multi-County	BAAQMD	Regional	Spare the Air	System Management	REG170019			\$5,000,000		\$5,000,000
Regional/ Multi-County	BAAQMD	Regional	Electric Vehicle Programs and Outreach	System Management	REG170020			\$5,000,000		\$5,000,000
Regional/ Multi-County	BAAQMD	Regional	Electric Vehicle Infrastructure/Vehicle Buyback	System Management	REG170021			\$10,000,000		\$10,000,000
Regional/ Multi-County	BAIFA	Tollway	Regional Express Lane Network	System Management	REG130004	\$28,437,000		\$49,574,000		\$78,011,000
Regional/ Multi-County	BAIFA	Tollway	ALA/CC-80 and Bay Bridge Approach Express Lanes	System Management	VAR170003	\$19,600,000	\$3,000,000	\$75,700,000		\$98,300,000
Regional/ Multi-County	BART	Transit	BART Transbay Core Capacity Improvements	Expansion	REG170017	\$300,000,000		\$3,210,700,000		\$3,510,700,000
Regional/ Multi-County	BART	Transit	BART Train Control Renovation	Maintenance/ Rehabilitation	BRT030004	\$400,000		\$263,568,188		\$263,968,188
Regional/ Multi-County	BART	Transit	BART: Traction Power System Renovation	Maintenance/ Rehabilitation	BRT030005	\$1,722,000		\$225,906,454		\$227,628,454
Regional/ Multi-County	BART	Transit	BART: Rail, Way and Structures Program	Maintenance/ Rehabilitation	BRT97100B			\$297,027,833		\$297,027,833
Regional/ Multi-County	BART	Transit	BART Car Exchange (Preventive Maintenance)	Maintenance/ Rehabilitation	REG050020			\$674,384,612		\$674,384,612
Regional/ Multi-County	BART	Transit	BART: Railcar Procurement Program	Maintenance/ Rehabilitation	REG090037			\$2,728,299,247		\$2,728,299,247
Regional/ Multi-County	BART	Transit	BART:ADA Paratransit Capital Accessibility Improve	System Management	BRT99T01B			\$53,870,546		\$53,870,546
Regional/ Multi-County	BART	Transit	Transit-Oriented Development Pilot Planning Progra	System Management	REG150005	\$1,420,000				\$1,420,000
Regional/ Multi-County	BART	Transit	BART Integrated Carpool to Transit Access Program	System Management	REG170008	\$521,000				\$521,000
Regional/ Multi-County	BART	Transit	BART Train Seat Modification	System Management	REG170009			\$1,698,000		\$1,698,000
Regional/ Multi-County	BART	Transit	BART: TOD Implementation	System Management	VAR190002				\$5,192,000	\$5,192,000
Regional/ Multi-County	Caltrain	Transit	Caltrain: Revenue Vehicle Rehab Program	Maintenance/ Rehabilitation	REG090051			\$14,846,186		\$14,846,186
Regional/ Multi-County	Caltrain	Transit	Caltrain: Signal/Communication Rehab. & Upgrades	Maintenance/ Rehabilitation	SM-050041			\$46,878,323		\$46,878,323
Regional/ Multi-County	Caltrain	Transit	Caltrain Positive Train Control System	System Management	REG110030	\$52,850,000		\$205,250,000		\$258,100,000
Regional/ Multi-County	Caltrans	Local Road	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	Maintenance/ Rehabilitation	VAR170012			\$814,293,891		\$814,293,891
Regional/ Multi-County	Caltrans	State Highway	GL: Pavement Resurfacing/Rehab SHS - Highway Maint	Maintenance/ Rehabilitation	VAR170004			\$53,394,000		\$53,394,000
Regional/ Multi-County	Caltrans	State Highway	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Maintenance/ Rehabilitation	VAR170006			\$1,420,945,000		\$1,420,945,000
Regional/ Multi-County	Caltrans	State Highway	GL: Emergency Repair - SHOPP Emergency Response	Maintenance/ Rehabilitation	VAR170008			\$788,184,000		\$788,184,000
Regional/ Multi-County	Caltrans	State Highway	GL: Bridge Rehab and Reconstruction - SHOPP	Maintenance/ Rehabilitation	VAR170010			\$1,215,402,000		\$1,215,402,000
Regional/ Multi-County	Caltrans	State Highway	GL: Shoulder Imprv - SHOPP Roadside Preservation	Maintenance/ Rehabilitation	VAR170011			\$18,480,000		\$18,480,000
Regional/ Multi-County	Caltrans	State Highway	GL: Pvmt Resurf/Rehab State Hwy Sys - SHOPP Minor	Maintenance/ Rehabilitation	VAR190001			\$45,068,000		\$45,068,000
Regional/ Multi-County	Caltrans	State Highway	GL: Highway Safety Improvement Program	System Management	VAR170002			\$72,836,533		\$72,836,533
Regional/ Multi-County	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mobility Program	System Management	VAR170005			\$501,470,000		\$501,470,000
Regional/ Multi-County	Caltrans	State Highway	GL: Safety Imprv. - SHOPP Collision Reduction	System Management	VAR170007			\$898,611,000		\$898,611,000
Regional/ Multi-County	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mandates	System Management	VAR170009			\$232,991,000		\$232,991,000
Regional/ Multi-County	Caltrans	State Highway	GL: Railroad-Highway Crossing	System Management	VAR170017			\$23,746,288		\$23,746,288
Regional/ Multi-County	MTC	Local Road	Regional Streets and Roads Program	Maintenance/ Rehabilitation	REG090039			\$27,977,421		\$27,977,421
Regional/ Multi-County	MTC	Local Road	Bay Area Housing Initiatives	System Management	REG130005			\$30,000,000		\$30,000,000
Regional/ Multi-County	MTC	Local Road	Regional Planning Activities and PPM - MTC	System Management	REG170001	\$12,754,000			\$3,884,000	\$16,638,000
Regional/ Multi-County	MTC	Local Road	Reg. Prog. for Arterial System Synchronization	System Management	REG170010			\$5,650,000		\$5,650,000
Regional/ Multi-County	MTC	Local Road	Shared Use Mobility	System Management	REG170012			\$2,500,000		\$2,500,000
Regional/ Multi-County	MTC	Local Road	Innovative Deployments to Enhance Arterials Ct 1&2	System Management	REG170015	\$12,604,500		\$1,129,600		\$13,734,100
Regional/ Multi-County	MTC	Local Road	Bike Share Capital Program	System Management	VAR170024			\$3,284,000		\$3,284,000
Regional/ Multi-County	MTC	Regional	511 Traveler Information	System Management	REG090042			\$106,120,000		\$106,120,000
Regional/ Multi-County	MTC	Regional	Bay Bridge Forward - Commuter Parking Initiative	System Management	REG170004	\$1,732,000		\$10,268,000		\$12,000,000
Regional/ Multi-County	MTC	Regional	Spare the Air Youth	System Management	REG170006			\$2,463,000		\$2,463,000

**TIP Project Listings - Funding by Phase  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	Preliminary Engineering	Right-Of-Way	Construction	Other	Total Project Cost
Regional/ Multi-County	MTC	Regional	511 Next Gen	System Management	REG170013			\$33,598,000		\$33,598,000
Regional/ Multi-County	MTC	Regional	Active Operations Management	System Management	REG170014			\$23,937,000		\$23,937,000
Regional/ Multi-County	MTC	Regional	Regional Planning - PDA Implementation	System Management	REG170016			\$19,936,744		\$19,936,744
Regional/ Multi-County	MTC	Regional	Bay Bridge Forward-Commuter Parking Initiative O&M	System Management	REG170024			\$2,500,000		\$2,500,000
Regional/ Multi-County	MTC	Regional	Community Based Transportation Planning	System Management	REG170025			\$1,504,536		\$1,504,536
Regional/ Multi-County	MTC	Regional	Targeted Transportation Alternatives	System Management	REG170027			\$325,000		\$325,000
Regional/ Multi-County	MTC	Regional	Regional Car Sharing	System Management	REG170028			\$1,200,411		\$1,200,411
Regional/ Multi-County	MTC	Regional	FPP: I-80 in Alameda, Contra Costa and SF	System Management	VAR190003				\$3,000,000	\$3,000,000
Regional/ Multi-County	MTC	State Highway	Freeway Performance Initiative (FPI)	System Management	REG090003	\$71,978,646	\$1,638,000	\$233,388,992		\$307,005,638
Regional/ Multi-County	MTC	State Highway	Connected Bay Area	System Management	REG170002	\$5,500,000		\$13,590,000		\$19,090,000
Regional/ Multi-County	MTC	State Highway	511 Carpool and Vanpool Programs	System Management	REG170003			\$17,590,222		\$17,590,222
Regional/ Multi-County	MTC	State Highway	Bay Bridge Forward - Flexible On-Demand Transit	System Management	REG170005	\$1,000,000				\$1,000,000
Regional/ Multi-County	MTC	State Highway	Incident Management Program	System Management	REG170007			\$4,677,000		\$4,677,000
Regional/ Multi-County	MTC	State Highway	Connected & Automated Vehicles	System Management	REG170018			\$2,500,000		\$2,500,000
Regional/ Multi-County	MTC	State Highway	Bay Bridge Forward - Casual Carpool	System Management	VAR170013	\$350,000		\$650,000		\$1,000,000
Regional/ Multi-County	MTC	State Highway	Bay Bridge Forward - Integrated Bridge Corridor	System Management	VAR170014	\$550,000		\$2,450,000		\$3,000,000
Regional/ Multi-County	MTC	State Highway	Freeway Performance Program: I-880 Corridor	System Management	VAR170021			\$3,000,000		\$3,000,000
Regional/ Multi-County	MTC	State Highway	Freeway Performance Program: SR-84	System Management	VAR170023	\$375,000		\$4,000,000		\$4,375,000
Regional/ Multi-County	MTC	State Highway	Freeway Performance Program: SR 37	System Management	VAR190004				\$1,000,000	\$1,000,000
Regional/ Multi-County	MTC	Tollway	Toll Bridge Maintenance	Maintenance/ Rehabilitation	REG130001			\$177,000,000		\$177,000,000
Regional/ Multi-County	MTC	Tollway	Toll Bridge Rehabilitation Program	Maintenance/ Rehabilitation	REG130002			\$1,112,091,906		\$1,112,091,906
Regional/ Multi-County	MTC	Transit	TCP Financing Repayment Obligations	Maintenance/ Rehabilitation	REG170023			\$1,538,209,625		\$1,538,209,625
Regional/ Multi-County	MTC	Transit	GL: Transit Preventive Maintenance	Maintenance/ Rehabilitation	VAR190007			\$10,991,822		\$10,991,822
Regional/ Multi-County	MTC	Transit	GL: 5307 JARC Set-aside FY13-FY14 Large UA	Operations	REG110039			\$6,389,078		\$6,389,078
Regional/ Multi-County	MTC	Transit	GL: Lifeline Cycle 4 5307 JARC	Operations	REG150004			\$17,347,062		\$17,347,062
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY16	Operations	VAR150001			\$3,048,098		\$3,048,098
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY17	Operations	VAR170018			\$2,986,520		\$2,986,520
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY18	Operations	VAR170019			\$2,912,075		\$2,912,075
Regional/ Multi-County	MTC	Transit	GL: Lifeline Transportation Program Cycle 5	Operations	VAR170025			\$23,877,300		\$23,877,300
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY19 and FY20	Operations	VAR170026			\$5,674,212		\$5,674,212
Regional/ Multi-County	MTC	Transit	GL: Transit Operating Assistance	Operations	VAR190006			\$39,789,546		\$39,789,546
Regional/ Multi-County	MTC	Transit	Bay Area Commuter Benefits Program	System Management	MTC050001	\$50,000		\$6,735,000		\$6,785,000
Regional/ Multi-County	MTC	Transit	Clipper Fare Collection System	System Management	REG090045	\$11,289,633		\$116,943,822		\$128,233,455
Regional/ Multi-County	MTC	Transit	Clipper@ 2.0 Fare Payment System	System Management	REG170022			\$248,520,000		\$248,520,000
Regional/ Multi-County	MTC	Transit	MTC: COVID-19 Emergency Transit Operations	System Management	REG190001			\$12,884,193		\$12,884,193
Regional/ Multi-County	MTC	Transit	GL: FTA Section 5310 Program FY18 and FY19	System Management	VAR190005			\$14,130,385		\$14,130,385
Regional/ Multi-County	SMART	Transit	Sonoma Marin Area Rail Corridor	Expansion	SON090002	\$71,621,028	\$18,567,000	\$550,793,597		\$640,981,625
Regional/ Multi-County	WETA	Transit	Ferry Service - Berkeley	Expansion	MTC050027	\$2,615,000		\$6,319,664		\$8,934,664
Regional/ Multi-County	WETA	Transit	WETA: Ferry Channel & Berth Dredging	Maintenance/ Rehabilitation	REG090054			\$6,395,000		\$6,395,000
Regional/ Multi-County	WETA	Transit	WETA: Ferry Propulsion System Replacement	Maintenance/ Rehabilitation	REG090055			\$30,817,000		\$30,817,000
Regional/ Multi-County	WETA	Transit	WETA: Ferry Major Component Rehab/Replacement	Maintenance/ Rehabilitation	REG090057			\$29,084,462		\$29,084,462
Regional/ Multi-County	WETA	Transit	WETA: Fixed Guideway Connectors	Maintenance/ Rehabilitation	REG090067			\$14,625,552		\$14,625,552
Regional/ Multi-County	WETA	Transit	WETA: Facilities Rehabilitation	Maintenance/ Rehabilitation	REG110020			\$330,514		\$330,514
Regional/ Multi-County	WETA	Transit	WETA: COVID-19 Emergency Transit Operations	Operations	VAR190008			\$18,756,858		\$18,756,858
<b>Regional/ Multi-County</b>						<b>\$599,369,807</b>	<b>\$23,205,000</b>	<b>\$18,536,343,676</b>	<b>\$13,076,000</b>	<b>\$19,171,994,483</b>
<b>Bay Area Total</b>						<b>\$3,497,428,733</b>	<b>\$1,780,668,110</b>	<b>\$52,878,207,320</b>	<b>\$23,515,000</b>	<b>\$58,179,819,163</b>

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Alameda	AC Transit	Transit	AC Transit: ADA Paratransit Assistance	Operations	ALA990076	\$26,764,014			\$107,056,042	\$133,820,056
Alameda	AC Transit	Transit	AC Transit: 5 Battery Electric Bus purchase	Maintenance/ Rehabilitation	ALA170041	\$4,135,837		\$690,000	\$1,551,611	\$6,377,448
Alameda	AC Transit	Transit	AC Transit: COVID-19 Emergency Transit Operations	Operations	ALA190023				\$114,160,204	\$114,160,204
Alameda	AC Transit	Transit	AC Transit: East Bay Bus Rapid Transit	Expansion	ALA150004	\$35,021,317	\$58,581,496	\$21,369,367	\$90,596,933	\$205,569,113
Alameda	AC Transit	Transit	AC Transit: Facilities Upgrade	Maintenance/ Rehabilitation	ALA010034	\$11,479,813	\$1,481,757	\$8,050,540	\$34,651,260	\$55,663,370
Alameda	AC Transit	Transit	AC Transit: Paratransit Van Replacement	Maintenance/ Rehabilitation	ALA990052	\$5,175,972	\$494,915		\$21,507,081	\$27,177,968
Alameda	AC Transit	Transit	AC Transit: PM - Exchange for 40ft Fuel Cell ZEB	Maintenance/ Rehabilitation	ALA150045		\$4,957,547		\$979,153	\$5,936,700
Alameda	AC Transit	Transit	AC Transit: Preventive Maintenance (Deferred Comp)	Maintenance/ Rehabilitation	ALA170030	\$195,160			\$780,640	\$975,800
Alameda	AC Transit	Transit	AC Transit: Preventive Maintenance (Swap)	Maintenance/ Rehabilitation	ALA170029	\$6,522,000	\$1,674,286		\$14,453,714	\$22,650,000
Alameda	AC Transit	Transit	AC Transit: Purchase (10) 40' Buses-Fuel Cell ZEB	Maintenance/ Rehabilitation	ALA150039	\$12,797,000				\$12,797,000
Alameda	AC Transit	Transit	AC Transit: Purchase (10) Double-Deck Diesel Buses	Maintenance/ Rehabilitation	ALA150038	\$3,619,196	\$1,493,237		\$5,136,463	\$10,248,896
Alameda	AC Transit	Transit	AC Transit: Purchase (35) 40ft Diesel Buses	Maintenance/ Rehabilitation	ALA170028	\$4,322,850			\$14,472,150	\$18,795,000
Alameda	AC Transit	Transit	AC Transit: Purchase 36 Coach Buses (MCIs)	Maintenance/ Rehabilitation	ALA170027	\$6,746,190	\$12,103,054		\$10,507,107	\$29,356,351
Alameda	AC Transit	Transit	AC Transit: Purchase 40 Zero-Emission Buses	Maintenance/ Rehabilitation	ALA170082	\$20,000,000	\$16,560,759		\$5,820,689	\$42,381,448
Alameda	AC Transit	Transit	AC Transit: SFOBB Forward	Expansion	ALA150052	\$1,425,167			\$11,000,000	\$12,425,167
Alameda	AC Transit	Transit	AC Transit: South County Corridors	System Management	ALA150020	\$647,804		\$210,780	\$5,000,000	\$5,858,584
Alameda	AC Transit	Transit	AC Transit: AC Transit: Replace 50 40-ft Diesels	Maintenance/ Rehabilitation	ALA170081	\$8,642,638	\$3,021,915		\$17,222,980	\$28,887,533
Alameda	AC Transit	Transit	San Pablo and Telegraph Ave Rapid Bus Upgrades	System Management	ALA170059	\$5,000,000		\$1,118,681	\$3,881,319	\$10,000,000
Alameda	ACE	Transit	ACE Fixed Guideway (Capital Lease)	Operations	ALA170048	\$1,894,800			\$6,240,000	\$8,134,800
Alameda	ACE	Transit	ACE Platform Extensions	Expansion	ALA170042			\$11,400,000		\$11,400,000
Alameda	ACE	Transit	ACE Preventative Maintenance	Maintenance/ Rehabilitation	ALA110099	\$1,535,458			\$2,688,793	\$4,224,251
Alameda	ACE	Transit	ACE Track Improvements.	Maintenance/ Rehabilitation	ALA010056	\$6,137,861		\$5,000,000	\$7,023,820	\$18,161,681
Alameda	ACE	Transit	ACE: Railcar Midlife Overhaul	Maintenance/ Rehabilitation	ALA170079			\$3,013,587	\$12,054,345	\$15,067,932
Alameda	ACTC	Local Road	7th Street Grade Separation East	Maintenance/ Rehabilitation	ALA170085	\$69,020,000		\$182,980,000		\$252,000,000
Alameda	ACTC	Local Road	7th Street Grade Separation West	Maintenance/ Rehabilitation	ALA170086	\$165,000,000				\$165,000,000
Alameda	ACTC	Local Road	Alameda County Safe Routes to School	System Management	ALA110033	\$4,073,600		\$3,761,000	\$16,734,065	\$24,568,665
Alameda	ACTC	Local Road	Freight Intelligent Transportation System (FITS)	System Management	ALA170087	\$6,600,000		\$12,456,000	\$11,565,364	\$30,621,364
Alameda	ACTC	Public Lands/ Trails	East Bay Greenway	Expansion	ALA150008	\$200,845,000		\$2,656,000		\$203,501,000
Alameda	ACTC	State Highway	East-West Connector in Fremont & Union City	Expansion	ALA978004	\$236,000,000				\$236,000,000
Alameda	ACTC	State Highway	I-580/680 Interchange HOV/HOT Widening	Expansion	ALA170008	\$300,000,000				\$300,000,000
Alameda	ACTC	State Highway	I-680 Express Lane Gap Closure: SR-84 to Alcosta	Expansion	ALA170009	\$480,000,000				\$480,000,000
Alameda	ACTC	State Highway	I-680 NB HOV/HOT Lane	Expansion	ALA130034	\$177,324,000		\$20,874,000		\$198,198,000
Alameda	ACTC	State Highway	I-80 Gilman Interchange Improvements	Expansion	ALA050079	\$15,263,000		\$4,152,000	\$42,308,880	\$61,723,880
Alameda	ACTC	State Highway	I-80/Ashby Avenue Interchange Improvements	System Management	ALA170002	\$53,560,000				\$53,560,000
Alameda	ACTC	State Highway	I-880 NB HOV/HOT: North of Hacienda to Hegenberger	Expansion	ALA170010	\$221,000,000				\$221,000,000
Alameda	ACTC	State Highway	I-880 North Safety Improvements	Expansion	ALA050019	\$17,010,000	\$10,000,000	\$79,833,000	\$1,787,000	\$108,630,000
Alameda	ACTC	State Highway	I-880/Whipple Rd Industrial Pkwy SW I/C Imps	Expansion	ALA170005	\$80,000,000				\$80,000,000
Alameda	ACTC	State Highway	Oakland/Alameda Access Project	System Management	ALA070009	\$83,000,000				\$83,000,000
Alameda	ACTC	State Highway	Rte 84 Widening, south of Ruby Hill Dr to I-680	Expansion	ALA150001	\$224,384,000		\$8,602,000	\$11,114,000	\$244,100,000
Alameda	ACTC	State Highway	SR 84 Expressway Widening	Expansion	ALA050014	\$53,289,000		\$20,000,000	\$47,030,000	\$120,319,000
Alameda	Alameda	Local Road	Alameda City-Wide Pavement Rehabilitation	Maintenance/ Rehabilitation	ALA170074	\$232,000			\$827,000	\$1,059,000
Alameda	Alameda	Local Road	Clement Avenue Complete Streets	System Management	ALA170073	\$652,000			\$5,018,000	\$5,670,000
Alameda	Alameda	Local Road	Cross Alameda Trail (includes SRTS component)	Expansion	ALA150007	\$290,000		\$2,231,000		\$2,521,000
Alameda	Alameda	State Highway	Central Avenue Safety Improvements	System Management	ALA170049	\$1,401,000		\$7,326,000	\$3,487,000	\$12,214,000
Alameda	Alameda County	Local Road	Active and Safe Oakland	System Management	ALA190015			\$999,000		\$999,000
Alameda	Alameda County	Local Road	Active Oakland: A Comprehensive SR2S Program	System Management	ALA170047			\$977,000		\$977,000
Alameda	Alameda County	Local Road	Alameda County - Vasco Road Safety Improvements	System Management	ALA190006	\$376,000			\$926,964	\$1,302,964
Alameda	Alameda County	Local Road	Alameda County Complete Street Improvements	System Management	ALA190019	\$13,350,000		\$400,000	\$9,300,000	\$23,050,000
Alameda	Alameda County	Local Road	Alameda Co-Variou Streets and Roads Preservation	Maintenance/ Rehabilitation	ALA130018	\$929,000			\$5,850,000	\$6,779,000
Alameda	Alameda County	Local Road	E14th St/Mission Blvd Corridor Improvements	System Management	ALA190022	\$26,740,000			\$539,940	\$27,279,940
Alameda	Alameda County	Local Road	Estuary Bridges Seismic Retrofit and Repairs	Maintenance/ Rehabilitation	ALA090022	\$4,900,000				\$4,900,000
Alameda	Alameda County	Local Road	Fruitvale Ave Roadway Bridge Lifeline	Maintenance/ Rehabilitation	ALA090023	\$12,000,000				\$12,000,000
Alameda	Alameda County	Public Lands/ Trails	Niles Canyon Trail, Phase I	Expansion	ALA190021	\$28,901,000				\$28,901,000
Alameda	Albany	Local Road	San Pablo Ave & Buchanan St Pedestrian Imps.	System Management	ALA170088	\$4,600,086		\$335,000	\$340,000	\$5,275,086
Alameda	Albany	Public Lands/ Trails	Ohlone Greenway Trail Safety Improvements	System Management	ALA190016	\$255,000		\$410,000		\$665,000
Alameda	BAIFA	Tollway	ALA-880 Express Lanes	System Management	ALA170006		\$132,500,000			\$132,500,000
Alameda	BART	Transit	19th Street BART Station Modernization-GO Uptown	System Management	ALA170055	\$3,301,149		\$16,090,000	\$10,047,688	\$29,438,837
Alameda	BART	Transit	BART Metro Priority Track Elements	Expansion	ALA130032	\$5,041,000			\$3,459,057	\$8,500,057
Alameda	BART	Transit	BART: COVID-19 Emergency Transit Operations	Operations	ALA190025				\$377,053,455	\$377,053,455
Alameda	BART	Transit	BART: Fare Collection Equipment	Maintenance/ Rehabilitation	ALA090065	\$12,879,958			\$49,222,256	\$62,102,214
Alameda	BART	Transit	BART-Elevator Renovation program	Maintenance/ Rehabilitation	ALA190014	\$3,500,000			\$14,000,000	\$17,500,000
Alameda	BART	Transit	Bay Fair Connection	System Management	ALA170044	\$150,000,000				\$150,000,000
Alameda	BART	Transit	Hayward Shop and Yard Expansion	Expansion	ALA110003	\$81,860,000		\$78,639,000		\$160,499,000
Alameda	BART	Transit	MacArthur BART Plaza Remodel	Maintenance/ Rehabilitation	ALA090068	\$2,816,127		\$1,607,400	\$2,549,000	\$6,972,527
Alameda	Berkeley	Local Road	Berkeley - Sacramento St Complete Streets Imps	Expansion	ALA170094	\$272,000		\$1,542,000		\$1,814,000
Alameda	Berkeley	Local Road	goBerkeley Residential Shared Parking Pilot	System Management	ALA150049	\$470,000			\$950,000	\$1,420,000



**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Alameda	Berkeley	Local Road	Hearst Avenue Complete Streets	System Management	ALA130028	\$1,268,000			\$2,256,000	\$3,524,000
Alameda	Berkeley	Local Road	John Muir Safe Routes to School	System Management	ALA170054	\$104,080		\$270,000		\$374,080
Alameda	Berkeley	Local Road	Shattuck Complete Streets and De-couplet	System Management	ALA130026	\$3,821,481			\$2,777,000	\$6,598,481
Alameda	Berkeley	Local Road	Southside Complete Streets & Transit Improvement	System Management	ALA170067	\$1,079,890			\$8,335,000	\$9,414,890
Alameda	Berkeley	Public Lands/ Trails	9th St Bicycle Blvd Extension Pathway Ph II	Expansion	ALA150048	\$45,000		\$850,000		\$895,000
Alameda	Berkeley	Public Lands/ Trails	Bay Trail Shoreline Access Staging Area	Expansion	ALA130035	\$979,635		\$660,000	\$500,000	\$2,139,635
Alameda	Caltrans	State Highway	GL: Alameda County - TOS-Mobility	System Management	ALA170060			\$97,847,000	\$20,000,000	\$117,847,000
Alameda	Dublin	Local Road	Dougherty Road widening	Expansion	ALA130005	\$18,990,000				\$18,990,000
Alameda	Dublin	Local Road	Dublin Blvd Rehabilitation	Maintenance/ Rehabilitation	ALA170062	\$339,000			\$661,000	\$1,000,000
Alameda	Dublin	Local Road	Dublin Blvd. - North Canyons Pkwy Extension	Expansion	ALA150003	\$87,713,000			\$539,940	\$88,252,940
Alameda	Dublin	Local Road	Dublin Boulevard widening	Expansion	ALA130006	\$4,330,000				\$4,330,000
Alameda	Dublin	State Highway	I-580 Interchange Imps at Hacienda/Fallon Rd, Ph 2	Expansion	ALA170045	\$58,000,000				\$58,000,000
Alameda	EB Reg Park Dis	Public Lands/ Trails	Doolittle Drive Bay Trail	Expansion	ALA170077	\$7,100,000		\$4,000,000		\$11,100,000
Alameda	Emeryville	Local Road	Emeryville Quiet Zone Safety Engineering Measures	System Management	ALA170093	\$1,800,000		\$4,200,000		\$6,000,000
Alameda	Emeryville	Local Road	Frontage Rd, 65th St and Powell St Pavement Maint	Maintenance/ Rehabilitation	ALA170072	\$45,000			\$225,000	\$270,000
Alameda	Fremont	Local Road	Centerville Complete Streets of Relinquished SR84	System Management	ALA170076	\$998,000			\$7,695,000	\$8,693,000
Alameda	Fremont	Local Road	Kato Rd Complete Sts - Warren Ave to Milmont Dr	System Management	ALA130001	\$12,690,000				\$12,690,000
Alameda	Fremont	State Highway	State Route 262 (Mission Blvd) Improvements	Expansion	ALA170001	\$112,000,000				\$112,000,000
Alameda	Hayward	Local Road	Hayward - Main Street Complete Street	System Management	ALA170065	\$550,000			\$1,675,000	\$2,225,000
Alameda	Hayward	Local Road	Winton Ave Complete Street	Maintenance/ Rehabilitation	ALA170066	\$229,860			\$1,750,000	\$1,979,860
Alameda	Hayward	State Highway	I-880 Auxiliary lanes at Industrial Parkway	Expansion	ALA090020	\$9,800,000				\$9,800,000
Alameda	Hayward	State Highway	I-880/A Street Interchange Reconstruction	Expansion	ALA170046	\$54,000,000				\$54,000,000
Alameda	Hayward	State Highway	I-880/Industrial Parkway West Interchange	Expansion	ALA110002	\$57,000,000				\$57,000,000
Alameda	Hayward	State Highway	I-880/West Winton Avenue Interchange	Expansion	ALA170004	\$41,000,000				\$41,000,000
Alameda	Hayward	State Highway	Rt 92/Clawiter/Whitesell Interchange Improvements	Expansion	ALA090016	\$55,000,000				\$55,000,000
Alameda	LAVTA	Transit	Hybrid Bus Battery Pack Replacement	Maintenance/ Rehabilitation	ALA190005	\$200,001			\$800,000	\$1,000,001
Alameda	LAVTA	Transit	LAVTA: ADA Paratransit Operating Subsidy	Operations	ALA990077	\$1,928,846			\$6,597,131	\$8,525,977
Alameda	LAVTA	Transit	LAVTA: COVID-19 Emergency Transit Operations	Operations	ALA190026				\$6,819,121	\$6,819,121
Alameda	LAVTA	Transit	LAVTA: Farebox Replacement	System Management	ALA150035	\$99,561			\$398,242	\$497,803
Alameda	LAVTA	Transit	LAVTA: Preventive Maintenance	Maintenance/ Rehabilitation	ALA030030	\$4,928,731			\$8,405,577	\$13,334,308
Alameda	LAVTA	Transit	LAVTA: Replacement (11) 40' Hybrid Buses	Maintenance/ Rehabilitation	ALA150031	\$1,738,605			\$6,954,420	\$8,693,025
Alameda	LAVTA	Transit	LAVTA: Replacement (9) 30' Hybrid Buses	Maintenance/ Rehabilitation	ALA150032	\$1,339,470			\$5,357,880	\$6,697,350
Alameda	LAVTA	Transit	Livermore Transit Center Rehab and Improvement	Maintenance/ Rehabilitation	ALA170091	\$32,325		\$155,864	\$434,811	\$623,000
Alameda	Livermore	Local Road	Livermore Pavement Rehabilitation - MTS Routes	Maintenance/ Rehabilitation	ALA170068	\$570,000			\$1,382,000	\$1,952,000
Alameda	MTC	Local Road	Bay Bridge Forward-Commuter Parking Access Imps.	System Management	ALA170012	\$820,000				\$820,000
Alameda	MTC	Local Road	Bay Bridge Park	Expansion	ALA110104	\$6,000,000	\$10,500,000			\$16,500,000
Alameda	MTC	Local Road	I-880 Integrated Corridor Management - Central	System Management	ALA170057	\$6,200,000			\$2,640,000	\$8,840,000
Alameda	MTC	Local Road	I-880 Integrated Corridor Management North Segment	System Management	ALA170040				\$20,478,000	\$20,478,000
Alameda	MTC	Local Road	Improved Bike/Ped Access to East Span of SFOBB	Expansion	ALA130030	\$30,000,000	\$6,500,000			\$36,500,000
Alameda	MTC	Local Road	Regional Planning Activities and PPM - Alameda	System Management	ALA170007	\$711,159			\$12,512,000	\$13,223,159
Alameda	MTC	State Highway	Bay Bridge Forward - West Grand HOV/Bus Only Lane	System Management	ALA170011	\$98,000	\$5,879,000			\$5,977,000
Alameda	MTC	State Highway	Freeway Performance Program: Alameda I-580	System Management	ALA190018				\$625,000	\$625,000
Alameda	MTC	Transit	Bay Bridge Forward: West Grand TSP	System Management	ALA170058				\$1,000,000	\$1,000,000
Alameda	Newark	Local Road	Thornton Avenue Pavement Rehabilitation	Maintenance/ Rehabilitation	ALA170061	\$284,000			\$592,000	\$876,000
Alameda	Oakland	Local Road	19th St BART to Lake Merritt Urban Greenway	System Management	ALA150044	\$100,000		\$4,583,000		\$4,683,000
Alameda	Oakland	Local Road	42nd Ave. & High St. I-880 Access Improv.	Expansion	ALA991081	\$10,800,000		\$6,990,000		\$17,790,000
Alameda	Oakland	Local Road	Fruitvale Alive Bike/Ped Gap Closure	Expansion	ALA170051	\$2,691,000		\$7,404,000		\$10,095,000
Alameda	Oakland	Local Road	International Boulevard Improvement Project	Maintenance/ Rehabilitation	ALA150010	\$3,773,000		\$2,481,000		\$6,254,000
Alameda	Oakland	Local Road	Lake Merritt Improvement Project	System Management	ALA110072				\$827,900	\$827,900
Alameda	Oakland	Local Road	Lake Merritt to Bay Trail Bike/Ped Bridge	Expansion	ALA130003	\$15,002,000		\$4,210,000		\$19,212,000
Alameda	Oakland	Local Road	Lakeside Complete Streets and Road Diet	System Management	ALA130024	\$6,505,000			\$9,200,000	\$15,705,000
Alameda	Oakland	Local Road	Lakeside Family Streets	Expansion	ALA170063	\$623,000			\$4,792,000	\$5,415,000
Alameda	Oakland	Local Road	Laurel Access to Mills, Maxwell Park and Seminary	System Management	ALA150012	\$3,308,925		\$3,748,000		\$7,056,925
Alameda	Oakland	Local Road	Oakland - 14th Street Safe Routes in the City	Expansion	ALA170043	\$3,454,000		\$10,578,000		\$14,032,000
Alameda	Oakland	Local Road	Oakland - Crossing to Safety	System Management	ALA170078	\$222,000		\$1,895,000		\$2,117,000
Alameda	Oakland	Local Road	Oakland 35th Ave Bike/Ped Improvements H8-04-015	System Management	ALA170053	\$715,440			\$2,188,360	\$2,903,800
Alameda	Oakland	Local Road	Oakland Fruitvale Ave Bike/Ped Imprvmnts H8-04-014	System Management	ALA170052	\$361,317			\$1,105,190	\$1,466,507
Alameda	Oakland	Local Road	Oakland Parking and Mobility Management	System Management	ALA150050	\$284,050			\$1,300,000	\$1,584,050
Alameda	Oakland	Local Road	Oakland Various Streets Improvements	Maintenance/ Rehabilitation	ALA170064	\$1,270,200			\$4,895,000	\$6,165,200
Alameda	Oakland	Local Road	Oakland: Shattuck and Claremont Bike/Ped Imps	System Management	ALA150043	\$156,010			\$1,404,090	\$1,560,100
Alameda	Oakland	Local Road	Oakland: Telegraph Ave Bike/Ped Imps and Road Diet	System Management	ALA150042	\$149,390			\$1,344,510	\$1,493,900
Alameda	Oakland	Local Road	Oakland: Telegraph Avenue Complete Streets	System Management	ALA150047	\$360,000		\$4,554,000		\$4,914,000
Alameda	Oakland	Port/Freight Rail	Oakland Army Base Infrastructure Improvements	Expansion	ALA110046	\$122,239,000		\$176,341,000	\$2,000,000	\$300,580,000
Alameda	Piedmont	Local Road	Piedmont - Oakland Avenue Improvements	Maintenance/ Rehabilitation	ALA170084	\$341,000			\$168,000	\$509,000
Alameda	Pleasanton	Local Road	I-680/Sunol Interchange Improvements	System Management	ALA190020	\$30,250,000				\$30,250,000

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Alameda	Pleasanton	Local Road	Pavement Rehabilitation Hacienda Business Park	Maintenance/ Rehabilitation	ALA170070	\$1,682,270			\$1,095,000	\$2,777,270
Alameda	San Leandro	Local Road	San Leandro Washington Avenue Rehabilitation	Maintenance/ Rehabilitation	ALA170075	\$137,000			\$1,048,000	\$1,185,000
Alameda	San Leandro	Local Road	SR 185- E. 14th St/ Hesperian Blvd/150th Ave	Expansion	ALA050002	\$7,232,270				\$7,232,270
Alameda	SJRC	Transit	ACE: COVID-19 Emergency Transit Operations	Operations	ALA190024				\$2,680,453	\$2,680,453
Alameda	Union C Transit	Transit	Union City Paratransit Van Procurement	Maintenance/ Rehabilitation	ALA170014	\$185,760			\$846,240	\$1,032,000
Alameda	Union C Transit	Transit	Union City Transit Electric Bus Procurement	Maintenance/ Rehabilitation	ALA190029	\$4,189,660	\$343,242	\$469,380	\$4,992,000	\$9,994,282
Alameda	Union C Transit	Transit	Union City Transit Travel Time Improvements	System Management	ALA170013	\$20,806			\$160,587	\$181,393
Alameda	Union C Transit	Transit	Union City Transit: COVID-19 Emergency Transit Ops	Operations	ALA190027				\$1,946,411	\$1,946,411
Alameda	Union C Transit	Transit	Union City: ADA Paratransit Operating Subsidy	Operations	ALA170039	\$134,934			\$539,730	\$674,664
Alameda	Union City	Local Road	Union City-Dyer Street Pavement Rehabilitation	Maintenance/ Rehabilitation	ALA170071	\$168,000			\$872,000	\$1,040,000
<b>Alameda County</b>						<b>\$3,703,387,673</b>	<b>\$266,091,208</b>	<b>\$827,959,599</b>	<b>\$1,265,709,566</b>	<b>\$6,063,148,046</b>
Contra Costa	Antioch	Local Road	Antioch - L Street Pathway to Transit	System Management	CC-170035	\$125,000		\$1,652,000	\$1,469,000	\$3,246,000
Contra Costa	Antioch	Local Road	Antioch Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170036	\$726,000			\$2,474,000	\$3,200,000
Contra Costa	Antioch	Local Road	Laurel Road Extension	Expansion	CC-070008	\$10,950,000				\$10,950,000
Contra Costa	Antioch	Local Road	Slatten Ranch Road Extension Phase I	Expansion	CC-070009	\$3,950,000				\$3,950,000
Contra Costa	BAIFA	Tollway	CC-680 Northern Segment Express Lane - Southbound	System Management	CC-170002	\$1,876,200	\$51,721,800			\$53,598,000
Contra Costa	BART	Transit	BART to Antioch - East Contra Costa Rail Extension	Expansion	CC-050025	\$155,000,000	\$148,000,000	\$156,911,000		\$459,911,000
Contra Costa	BART	Transit	Concord BART Station Modernization	Maintenance/ Rehabilitation	CC-170060				\$13,000,000	\$13,000,000
Contra Costa	BART	Transit	Concord Yard Wheel Truing Facility	Maintenance/ Rehabilitation	CC-150019	\$6,834,550			\$7,165,450	\$14,000,000
Contra Costa	BART	Transit	eBART Railroad Avenue Station	Expansion	CC-130002	\$12,900,000	\$500,000			\$13,400,000
Contra Costa	BART	Transit	El Cerrito del Norte BART Station Modernization	System Management	CC-170024	\$8,619,000		\$21,549,407		\$30,168,407
Contra Costa	BART	Transit	Walnut Creek BART TOD Access Improvements	System Management	CC-110082	\$5,750,000			\$5,300,000	\$11,050,000
Contra Costa	Brentwood	Local Road	Brentwood Boulevard Widening - North (Phase I)	Expansion	CC-070011	\$6,700,000				\$6,700,000
Contra Costa	Brentwood	Local Road	Brentwood Boulevard Widening - North (Phase II)	Expansion	CC-170015	\$9,500,000				\$9,500,000
Contra Costa	Brentwood	Local Road	Brentwood Various Streets and Roads Preservation	Maintenance/ Rehabilitation	CC-170034	\$216,000			\$628,000	\$844,000
Contra Costa	Brentwood	Local Road	Lone Tree Way Undercrossing	Expansion	CC-070013	\$16,000,000				\$16,000,000
Contra Costa	CC County	Local Road	Bailey Road Bike and Pedestrian Improvements	Expansion	CC-130003	\$4,774,000				\$4,774,000
Contra Costa	CC County	Local Road	Bailey Road-State Route 4 Interchange	System Management	CC-130001	\$1,035,000		\$4,160,000		\$5,195,000
Contra Costa	CC County	Local Road	Byron Highway - Vasco Road Connection	Expansion	CC-070081	\$40,000,000				\$40,000,000
Contra Costa	CC County	Local Road	Camino Tassajara Realignment, S of Windemere Pkwy	Expansion	CC-170016	\$17,000,000				\$17,000,000
Contra Costa	CC County	Local Road	CC County - Rio Vista Elementary Ped Connection	Expansion	CC-150010	\$305,000		\$600,000		\$905,000
Contra Costa	CC County	Local Road	Fred Jackson Way First Mile/Last Mile Connection	Expansion	CC-170020	\$1,161,000		\$3,532,000		\$4,693,000
Contra Costa	CC County	Local Road	Kirker Pass Road NB Truck Climbing Lanes	Expansion	CC-070075	\$15,667,000			\$2,650,000	\$18,317,000
Contra Costa	CC County	Local Road	Kirker Pass Road Open Grade Overlay	Maintenance/ Rehabilitation	CC-170028	\$1,052,000			\$1,343,000	\$2,395,000
Contra Costa	CC County	Local Road	Pacheco Blvd Sidewalk Gap Closure Phase 3	Expansion	CC-170021	\$740,000		\$619,000		\$1,359,000
Contra Costa	CC County	Local Road	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	Expansion	CC-130027	\$481,000		\$800,000	\$441,700	\$1,722,700
Contra Costa	CC County	Local Road	Treat Boulevard Corridor Improvements	System Management	CC-190012	\$542,000			\$1,600,000	\$2,142,000
Contra Costa	CC County	Local Road	Vasco Road Safety Improvements	System Management	CC-050030	\$21,754,000			\$11,339,977	\$33,093,977
Contra Costa	CC County	Local Road	West County Walk and Bike Leaders	System Management	CC-170029	\$73,000			\$561,000	\$634,000
Contra Costa	CCCTA	Transit	CCCTA Replace 3 Gasoline 7-Year Paratransit Vans	Maintenance/ Rehabilitation	CC-170053	\$28,620			\$130,380	\$159,000
Contra Costa	CCCTA	Transit	CCCTA Replace 42 Ford Cutaways - 22"	Maintenance/ Rehabilitation	CC-170051	\$1,076,250			\$4,305,000	\$5,381,250
Contra Costa	CCCTA	Transit	CCCTA: Access Improvements Implementation	System Management	CC-130045	\$93,454			\$685,196	\$778,650
Contra Costa	CCCTA	Transit	CCCTA: ADA Paratransit Assistance	Operations	CC-99T001	\$6,943,546			\$16,752,936	\$23,696,482
Contra Costa	CCCTA	Transit	CCCTA: COVID-19 Emergency Transit Operations	Operations	CC-190013				\$11,812,681	\$11,812,681
Contra Costa	CCCTA	Transit	CCCTA: Replace 13 35' Buses	Maintenance/ Rehabilitation	CC-150007	\$1,276,535			\$5,106,140	\$6,382,675
Contra Costa	CCCTA	Transit	CCCTA: Replace 18 30' Buses	Maintenance/ Rehabilitation	CC-150006	\$2,383,238			\$9,532,951	\$11,916,189
Contra Costa	CCCTA	Transit	REMIX Software Implementation Project	System Management	CC-150012	\$4,830			\$35,451	\$40,281
Contra Costa	CCTA	Local Road	CCTA - Carshare 4 All	System Management	CC-150009	\$134,874			\$573,453	\$708,327
Contra Costa	CCTA	Local Road	CCTA Automated Driving System	System Management	CC-190017			\$6,546,000	\$7,500,000	\$14,046,000
Contra Costa	CCTA	Local Road	Mokelumne Trail Bike/Ped Overcrossing	Expansion	CC-070067	\$11,472,000				\$11,472,000
Contra Costa	CCTA	State Highway	Bay Area MOD	System Management	CC-190018	\$9,828,213			\$8,000,000	\$17,828,213
Contra Costa	CCTA	State Highway	I-680 Advanced Technologies	System Management	CC-170062	\$52,700,000				\$52,700,000
Contra Costa	CCTA	State Highway	I-680 NB Express Lane Completion	System Management	CC-170017	\$373,714,000		\$2,286,000	\$14,000,000	\$390,000,000
Contra Costa	CCTA	State Highway	I-680/SR 4 I/C Reconstruction - Ph 1 & 2a	Expansion	CC-010023	\$236,000,000				\$236,000,000
Contra Costa	CCTA	State Highway	Reconstruct I-80/San Pablo Dam Rd Interchange	Expansion	CC-070035	\$83,628,000	\$8,000,000	\$2,000,000	\$25,300,000	\$118,928,000
Contra Costa	CCTA	State Highway	SR 239 - New State Highway Study	Expansion	CC-110066	\$13,635,000			\$12,306,010	\$25,941,010
Contra Costa	CCTA	State Highway	SR 4 Integrated Corridor Management	System Management	CC-150013	\$14,800,000			\$200,000	\$15,000,000
Contra Costa	CCTA	State Highway	SR-4 Operational Improvements - Initial Phases	System Management	CC-170018	\$132,400,000			\$11,600,000	\$144,000,000
Contra Costa	CCTA	Transit	I-680 Part Time Transit Lane	Operations	CC-170061	\$10,100,000				\$10,100,000
Contra Costa	Clayton	Local Road	Clayton Neighborhood Street Rehab	Maintenance/ Rehabilitation	CC-170047	\$85,000			\$308,000	\$393,000
Contra Costa	Concord	Local Road	Commerce Ave Complete Streets	System Management	CC-170022	\$1,175,000			\$1,440,000	\$2,615,000
Contra Costa	Concord	Local Road	Concord BART Station Bike/Ped Access Improvements	Expansion	CC-130006	\$630,000			\$1,195,000	\$1,825,000
Contra Costa	Concord	Local Road	Concord Willow Pass Road Repaving SR2T	Maintenance/ Rehabilitation	CC-170037	\$2,260,000			\$5,410,000	\$7,670,000
Contra Costa	Concord	Local Road	Downtown Corridors Bike/Pedestrian Improvements	System Management	CC-170050	\$3,728,000		\$623,000		\$4,351,000
Contra Costa	Concord	Public Lands/ Trails	Monument Boulevard Class I Path	Expansion	CC-170039	\$961,000			\$4,368,000	\$5,329,000

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Contra Costa	Concord	State Highway	SR 242 / Clayton Road Interchange Improvements	Expansion	CC-070024	\$66,000,000				\$66,000,000
Contra Costa	Danville	Local Road	Camino Ramon Improvements	Maintenance/ Rehabilitation	CC-170058	\$614,486			\$1,468,885	\$2,083,371
Contra Costa	Danville	Local Road	San Ramon Valley Blvd Slurry Seal and Striping	Expansion	CC-170001	\$953,046				\$953,046
Contra Costa	Danville	Local Road	Vista Grande Street Pedestrian Improvements/SR2S	Expansion	CC-130038	\$50,275			\$157,000	\$207,275
Contra Costa	EB Reg Park Dis	Public Lands/ Trails	SF Bay Trail Point Molate	Expansion	CC-190019	\$4,020,500				\$4,020,500
Contra Costa	ECCTA	Transit	ECCTA: COVID-19 Emergency Transit Operations	Operations	CC-190014				\$8,024,638	\$8,024,638
Contra Costa	ECCTA	Transit	ECCTA: Non-ADA Paratransit to FR Incentive Program	System Management	CC-150020	\$204,324			\$817,297	\$1,021,621
Contra Costa	ECCTA	Transit	ECCTA: Oakley Park and Ride	Expansion	CC-190010	\$1,280,000			\$5,120,000	\$6,400,000
Contra Costa	ECCTA	Transit	ECCTA: Transit Bus Replacements	Maintenance/ Rehabilitation	CC-070092	\$8,194,047		\$2,156,153	\$31,860,086	\$42,210,286
Contra Costa	ECCTA	Transit	Tri-Delta: ADA Operating Assistance	Operations	CC-030035	\$3,753,513			\$8,351,046	\$12,104,559
Contra Costa	El Cerrito	Local Road	Carlson Blvd and Central Ave Pavement Rehab	Maintenance/ Rehabilitation	CC-170030	\$306,000		\$120,000	\$544,000	\$970,000
Contra Costa	El Cerrito	Local Road	El Cerrito del Norte Area TOD Complete Street Imps	System Management	CC-070046	\$4,260,000		\$76,680	\$4,840,000	\$9,176,680
Contra Costa	Hercules	Local Road	Hercules -Sycamore/Willow Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170043	\$148,000			\$492,000	\$640,000
Contra Costa	Hercules	Transit	Hercules Intercity Rail Station	Expansion	CC-030002	\$82,582,000		\$11,000,000	\$2,804,000	\$96,386,000
Contra Costa	Lafayette	Local Road	Pleasant Hill Rd Pavement Rehab & Maintenance	Maintenance/ Rehabilitation	CC-170033	\$77,000			\$579,000	\$656,000
Contra Costa	Martinez	Local Road	Martinez Downtown Streets Rehabilitation	Maintenance/ Rehabilitation	CC-170059	\$266,000			\$846,000	\$1,112,000
Contra Costa	Martinez	Local Road	Martinez Various Streets and Roads Preservation	Maintenance/ Rehabilitation	CC-130025	\$262,000			\$1,023,000	\$1,285,000
Contra Costa	Moraga	Local Road	Moraga Way and Canyon/Camino Pablo Improvements	Maintenance/ Rehabilitation	CC-170046	\$1,425,000			\$1,294,000	\$2,719,000
Contra Costa	MTC	Local Road	Regional Planning Activities and PPM - CC County	System Management	CC-170004	\$562,553			\$7,270,000	\$7,832,553
Contra Costa	MTC	State Highway	Richmond-San Rafael Bridge Bicycle Access	System Management	CC-190011	\$500,000				\$500,000
Contra Costa	Oakley	Local Road	Oakley Street Repair and Resurfacing	Maintenance/ Rehabilitation	CC-170041	\$622,000			\$969,000	\$1,591,000
Contra Costa	Oakley	Transit	Civic Center Railroad Platform Park & Ride Complex	System Management	CC-170019	\$8,000,000				\$8,000,000
Contra Costa	Orinda	Local Road	Orinda Way Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170032	\$130,000			\$620,000	\$750,000
Contra Costa	Pinole	Local Road	Pinole - San Pablo Avenue Rehabilitation	Maintenance/ Rehabilitation	CC-170048	\$77,000			\$586,000	\$663,000
Contra Costa	Pittsburg	Local Road	City of Pittsburg Pavement Improvements	Maintenance/ Rehabilitation	CC-170042	\$315,000			\$2,410,000	\$2,725,000
Contra Costa	Pittsburg	Local Road	Pittsburg Active Transp. and Safe Routes Plan	System Management	CC-170049			\$312,000		\$312,000
Contra Costa	Pittsburg	Local Road	Pittsburg BART Pedestrian and Bicycle Connectivity	Expansion	CC-170040	\$650,000			\$3,870,000	\$4,520,000
Contra Costa	Pittsburg	Transit	Pittsburg Multimodal Transit Station Access Imps.	Expansion	CC-130039	\$2,637,000			\$1,300,000	\$3,937,000
Contra Costa	Pleasant Hill	Local Road	Pleasant Hill Road Improvements	System Management	CC-170044	\$2,681,000		\$852,000	\$987,000	\$4,520,000
Contra Costa	Richmond	Local Road	37th Street Bicycle & Pedestrian Improvements	Expansion	CC-130047	\$82,000			\$286,600	\$368,600
Contra Costa	Richmond	Local Road	I-80/Central Avenue - Local Portion	System Management	CC-050076	\$4,000,000			\$10,593,000	\$14,593,000
Contra Costa	Richmond	Local Road	Lincoln Elementary SRTS Pedestrian Enhancements	System Management	CC-170056	\$113,000			\$497,000	\$610,000
Contra Costa	Richmond	Local Road	Richmond: Roadway Preservation and ADA Improvement	Maintenance/ Rehabilitation	CC-170057	\$300,000		\$1,635,000	\$2,205,000	\$4,140,000
Contra Costa	Richmond	Local Road	The Yellow Brick Road in Richmond's Iron Triangle	System Management	CC-150016	\$243,000		\$6,209,000		\$6,452,000
Contra Costa	San Pablo	Local Road	Rumrill Blvd Complete Streets Improvements	System Management	CC-150017	\$2,900,409		\$12,509,540	\$839,000	\$16,248,949
Contra Costa	San Pablo	Local Road	San Pablo - Giant Road Pavement Rehabilitation	Maintenance/ Rehabilitation	CC-170031	\$81,000			\$618,000	\$699,000
Contra Costa	San Ramon	Local Road	Alcosta Boulevard Pavement Rehab	Maintenance/ Rehabilitation	CC-170045	\$3,900,000			\$1,175,000	\$5,075,000
Contra Costa	San Ramon	Local Road	Crow Canyon Road (Alcosta to Indian Rice) Widening	Expansion	CC-190001	\$20,075,000				\$20,075,000
Contra Costa	San Ramon	Local Road	San Ramon Valley Street Smarts	System Management	CC-170026	\$102,000			\$391,000	\$493,000
Contra Costa	San Ramon	Public Lands/ Trails	Iron Horse Trail Bike and Pedestrian Overcrossing	Expansion	CC-170014	\$16,906,000			\$4,840,000	\$21,746,000
Contra Costa	SJRC	Transit	Oakley Station Platform	Expansion	CC-190002			\$8,623,356		\$8,623,356
Contra Costa	Walnut Creek	Local Road	Walnut Creek-N. Main St Rehab - I680 to California	Maintenance/ Rehabilitation	CC-170025	\$187,000			\$783,000	\$970,000
Contra Costa	Walnut Creek	Local Road	Walnut Creek-Parking Guidance System Pilot	System Management	CC-150018	\$933,000				\$933,000
Contra Costa	Walnut Creek	Local Road	Ygancio Valley Road Rehabilitation	Maintenance/ Rehabilitation	CC-170038	\$445,000			\$2,608,000	\$3,053,000
Contra Costa	WCCTA	Transit	WCCTA: COVID-19 Emergency Transit Operations	Operations	CC-190015				\$4,017,838	\$4,017,838
Contra Costa	WCCTA	Transit	WCCTA: Preventive Maintenance Program	Maintenance/ Rehabilitation	CC-030025	\$641,110			\$1,867,801	\$2,508,911
Contra Costa	WCCTA	Transit	WestCAT - AVL System with APC Element.	System Management	CC-150021	\$123,526			\$638,618	\$762,144
Contra Costa	WCCTA	Transit	WestCAT - Replace (2) DAR MiniVans	Maintenance/ Rehabilitation	CC-170012	\$56,160			\$255,840	\$312,000
Contra Costa	WCCTA	Transit	WestCAT Replace (6) 2008 35ft Revenue Vehicles	Maintenance/ Rehabilitation	CC-170008	\$602,640			\$2,745,360	\$3,348,000
Contra Costa	WCCTA	Transit	WestCAT Replace 5 35ft and 4 40ft Vehicles	Maintenance/ Rehabilitation	CC-170010	\$851,220			\$3,877,781	\$4,729,001
Contra Costa	WCCTA	Transit	WestCat: ADA Paratransit Operating Subsidy	Operations	CC-990045	\$1,811,473			\$2,660,698	\$4,472,171
Contra Costa	WCCTA	Transit	WestCAT: Purchase (1) Fast Fare Electronic Farebox	System Management	CC-150015	\$3,562			\$14,249	\$17,811
Contra Costa	WCCTA	Transit	WestCAT: Purchase (6) Electronic Fareboxes	Maintenance/ Rehabilitation	CC-170009	\$21,374			\$85,494	\$106,868
Contra Costa	WCCTA	Transit	WestCAT: Purchase (9) Electronic Fareboxes	Maintenance/ Rehabilitation	CC-170011	\$32,061			\$128,241	\$160,302
Contra Costa	WCCTA	Transit	WestCAT: Purchase 2 Fast Fare Electronic Fareboxes	Maintenance/ Rehabilitation	CC-170007	\$7,125			\$28,498	\$35,623
Contra Costa	WCCTA	Transit	WestCAT: Purchase of (2) Radio Systems	Maintenance/ Rehabilitation	CC-170013	\$400			\$1,600	\$2,000
Contra Costa	WCCTA	Transit	WestCAT: Replace (2) 2002 40ft Revenue Vehicles	Maintenance/ Rehabilitation	CC-170006	\$193,680			\$882,320	\$1,076,000
<b>Contra Costa County</b>						<b>\$1,547,970,794</b>	<b>\$208,221,800</b>	<b>\$244,772,136</b>	<b>\$316,806,215</b>	<b>\$2,317,770,945</b>
Marin	Corte Madera	Local Road	Central Marin Regional Pathway Gap Closure	System Management	MRN170023	\$54,100		\$415,000		\$469,100
Marin	Corte Madera	Local Road	Corte Madera-Paradise Drive Multiuse Path	Expansion	MRN170019	\$450,000			\$595,000	\$1,045,000
Marin	Fairfax	Local Road	Parkade Circulation and Safety Improvements	System Management	MRN130009	\$100,000			\$300,000	\$400,000
Marin	GGBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	Maintenance/ Rehabilitation	MRN970016	\$72,183,942		\$109,584,189	\$191,389,039	\$373,157,170
Marin	GGBHTD	Tollway	Golden Gate Bridge Seismic Retrofit, Phase 3B	Maintenance/ Rehabilitation	MRN050018	\$51,060,990			\$86,086,523	\$137,147,513
Marin	GGBHTD	Tollway	Golden Gate Bridge-Suicide Deterrent SafetyBarrier	System Management	MRN050019	\$112,934,969		\$7,000,000	\$137,000,000	\$256,934,969
Marin	GGBHTD	Transit	GGBHTD - Transit Systems Enhancements	System Management	MRN130015	\$587,017			\$2,337,197	\$2,924,214

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

<b>County</b>	<b>Sponsor</b>	<b>System</b>	<b>Project Name</b>	<b>Purpose</b>	<b>TIP ID</b>	<b>LOCAL</b>	<b>REGIONAL</b>	<b>STATE</b>	<b>FEDERAL</b>	<b>Total Project Cost</b>
Marin	GGBHTD	Transit	GGBHTD Ferry Major Components Rehab	Maintenance/ Rehabilitation	MRN150014	\$4,235,109			\$16,940,437	\$21,175,546
Marin	GGBHTD	Transit	GGBHTD Ferry Propulsion Systems Replacement	Maintenance/ Rehabilitation	MRN150015	\$2,483,887			\$9,935,546	\$12,419,433
Marin	GGBHTD	Transit	GGBHTD: COVID-19 Emergency Transit Operations	Operations	MRN190014				\$51,580,462	\$51,580,462
Marin	GGBHTD	Transit	GGBHTD: Facilities Rehabilitation	Maintenance/ Rehabilitation	MRN050025	\$8,124,835			\$31,039,151	\$39,163,986
Marin	GGBHTD	Transit	GGBHTD: Ferry Channel & Berth Dredging	Maintenance/ Rehabilitation	MRN990017	\$5,371,000			\$20,773,027	\$26,144,027
Marin	GGBHTD	Transit	GGBHTD: Fixed Guideway Connectors	Maintenance/ Rehabilitation	MRN030010	\$13,205,000			\$53,290,992	\$66,495,992
Marin	GGBHTD	Transit	GGBHTD: Replace 67 Diesel Buses with Hybrid Buses	Maintenance/ Rehabilitation	MRN170008	\$11,932,725			\$53,640,300	\$65,573,025
Marin	GGBHTD	Transit	GGBHTD: Replace Paratransit Vehicles	Maintenance/ Rehabilitation	MRN170009	\$122,313			\$557,202	\$679,515
Marin	GGBHTD	Transit	Golden Gate Ferry: New Vessel	Expansion	MRN190001	\$23,281,733		\$818,267	\$5,900,000	\$30,000,000
Marin	GGBHTD	Transit	Larkspur Ferry Terminal Parking Garage	Expansion	MRN130001	\$1,000,000				\$1,000,000
Marin	GGBHTD	Transit	MS Sonoma Ferry Boat Refurbishment	Maintenance/ Rehabilitation	MRN150005	\$671,461		\$3,828,539	\$16,862,378	\$21,362,378
Marin	GGBHTD	Transit	Replace 14 - 22' Gas Body-on-Chassis Vehicles	Maintenance/ Rehabilitation	MRN170024	\$229,320			\$1,044,680	\$1,274,000
Marin	GGBHTD	Transit	San Rafael Transit Center Relocation	System Management	MRN170013	\$45,162,000			\$1,250,000	\$46,412,000
Marin	Larkspur	Public Lands/ Trails	Old Redwood Highway Multi-Use Path	Expansion	MRN190011	\$280,000			\$1,120,000	\$1,400,000
Marin	Marin County	Local Road	Hicks Valley/MarshallPetaluma/Wilson Hill Rd Rehab	Maintenance/ Rehabilitation	MRN170027	\$2,664,000			\$1,181,000	\$3,845,000
Marin	Marin County	Local Road	Marin City Pedestrian Crossing Improvements	System Management	MRN190015	\$40,000			\$300,000	\$340,000
Marin	Marin County	Local Road	Mountain View Rd Bridge Replacement - 27C0154	Maintenance/ Rehabilitation	MRN110035				\$2,809,552	\$2,809,552
Marin	MCTD	Transit	Marin Transit Low Income Youth Pass Program	Operations	MRN110041	\$564,724				\$564,724
Marin	MCTD	Transit	Marin Transit: COVID-19 Emergency Transit Ops	Operations	MRN190013				\$10,176,307	\$10,176,307
Marin	MCTD	Transit	MCTD - Emergency Radio System	Maintenance/ Rehabilitation	MRN150013	\$62,640			\$285,360	\$348,000
Marin	MCTD	Transit	MCTD - Relocate Transit Maintenance Facility	Maintenance/ Rehabilitation	MRN150010	\$3,000,000			\$4,522,249	\$7,522,249
Marin	MCTD	Transit	MCTD - Replace 13 -40ft Buses	Maintenance/ Rehabilitation	MRN150012	\$1,734,120			\$7,899,880	\$9,634,000
Marin	MCTD	Transit	MCTD Preventive Maintenance	Maintenance/ Rehabilitation	MRN110040	\$72,746			\$339,097	\$411,843
Marin	MCTD	Transit	MCTD- Replace Shuttle Vehicles	Maintenance/ Rehabilitation	MRN150011	\$307,550			\$1,254,600	\$1,562,150
Marin	MCTD	Transit	MCTD: ADA Paratransit Assistance	Operations	MRN110047	\$1,477,559			\$5,910,232	\$7,387,791
Marin	MCTD	Transit	MCTD: On Board Vehicle Equipment	Maintenance/ Rehabilitation	MRN150003	\$71,215			\$305,860	\$377,075
Marin	MCTD	Transit	MCTD: Replace Articulated Vehicles	Maintenance/ Rehabilitation	MRN170006	\$1,624,173		\$1,271,029	\$9,872,800	\$12,768,002
Marin	MCTD	Transit	MCTD: Replace Paratransit Vehicles	Maintenance/ Rehabilitation	MRN170003	\$313,020			\$1,425,980	\$1,739,000
Marin	MCTD	Transit	MCTD: Replace Paratransit Vehicles with Vans	Maintenance/ Rehabilitation	MRN170004	\$58,250			\$85,280	\$143,530
Marin	MCTD	Transit	MCTD: Replace Rural Cutaway Vehicles	Maintenance/ Rehabilitation	MRN170005	\$110,880			\$505,120	\$616,000
Marin	MCTD	Transit	MCTD-Replace diesel vehicles	Maintenance/ Rehabilitation	MRN170007	\$153,000			\$697,000	\$850,000
Marin	MTC	Local Road	Regional Planning Activities and PPM - Marin	System Management	MRN170001	\$495,181			\$4,613,000	\$5,108,181
Marin	MTC	Tollway	Richmond-San Rafael Bridge Access Improvements	Expansion	MRN150009		\$89,284,000			\$89,284,000
Marin	Natl Park Svc	Public Lands/ Trails	Fort Baker's Vista Point Trail	Expansion	MRN170028	\$1,100,000			\$500,000	\$1,600,000
Marin	Novato	Local Road	Novato Annual Pavement Rehabilitation	Maintenance/ Rehabilitation	MRN190002	\$650,000			\$1,117,000	\$1,767,000
Marin	Novato	Local Road	Novato Boulevard Widening, Diablo to Grant	Expansion	MRN070006	\$10,063,085				\$10,063,085
Marin	Novato	Local Road	Novato-Measure A Group 10 Pavement Rehabilitation	Maintenance/ Rehabilitation	MRN170022	\$700,000			\$1,554,000	\$2,254,000
Marin	Novato	Local Road	Vineyard Road Improvements	Maintenance/ Rehabilitation	MRN150016	\$255,757			\$1,015,000	\$1,270,757
Marin	Novato	Public Lands/ Trails	Hill Recreation Area Improvements	Expansion	MRN170026	\$898,000				\$898,000
Marin	San Anselmo	Local Road	San Anselmo - Center Blvd Bridge Replace (27C0079)	Expansion	MRN110032	\$711,484			\$5,491,516	\$6,203,000
Marin	San Anselmo	Local Road	San Anselmo Bike Spine	System Management	MRN170020	\$34,900			\$269,000	\$303,900
Marin	San Anselmo	Local Road	Sir Francis Drake Blvd Pavement Rehabilitation	Maintenance/ Rehabilitation	MRN170021	\$147,100			\$1,134,000	\$1,281,100
Marin	San Anselmo	Public Lands/ Trails	Sunny Hill Ridge and Red Hill Trails	Expansion	MRN130013	\$120,000			\$40,000	\$160,000
Marin	San Rafael	Local Road	Francisco Blvd West Multi-Use Pathway	Expansion	MRN170016	\$2,531,275	\$3,198,400	\$502,000		\$6,231,675
Marin	San Rafael	Local Road	Francisco Boulevard East Sidewalk Widening	System Management	MRN170012	\$1,387,000		\$4,025,000	\$2,100,000	\$7,512,000
Marin	San Rafael	Local Road	Grand Avenue Bicycle Pedestrian Improvements	Expansion	MRN150008	\$1,150,003			\$1,763,000	\$2,913,003
Marin	San Rafael	Local Road	San Rafael Transit Center Pedestrian Access Imps.	System Management	MRN130005	\$775,000			\$1,900,000	\$2,675,000
Marin	Sausalito	Local Road	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	System Management	MRN110010	\$516,000			\$338,000	\$854,000
Marin	TAM	Local Road	North-South Greenway Gap Closure	Expansion	MRN170011		\$19,050,000			\$19,050,000
Marin	TAM	State Highway	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	Expansion	MRN050034	\$117,782,000		\$206,296,000	\$29,141,000	\$353,219,000
Marin	Various	State Highway	GL: Marin County - TOS-Mobility	System Management	MRN170018	\$82,351		\$12,960,000	\$97,649	\$13,140,000
<b>Marin County</b>						<b>\$505,123,414</b>	<b>\$111,532,400</b>	<b>\$346,700,024</b>	<b>\$780,285,416</b>	<b>\$1,743,641,254</b>
Napa	American Canyon	Local Road	Devlin Road and Vine Trail Extension	Expansion	NAP130006	\$3,120,000			\$4,448,000	\$7,568,000
Napa	American Canyon	Local Road	Eucalyptus Drive Realignment Complete Streets	Expansion	NAP110029	\$6,189,000				\$6,189,000
Napa	American Canyon	Local Road	Green Island Road Class I	Expansion	NAP170006	\$79,000			\$1,000,000	\$1,079,000
Napa	Calistoga	State Highway	SR 128 and Petrified Forest Intersection Imp	System Management	NAP150001	\$71,000			\$630,000	\$701,000
Napa	MTC	Local Road	Napa Valley Forward: Traffic Calming & Multimodal	System Management	NAP190007	\$2,000,000			\$1,000,000	\$3,000,000
Napa	MTC	Local Road	Regional Planning Activities and PPM - Napa	System Management	NAP170001	\$495,181			\$4,353,000	\$4,848,181
Napa	MTC	Transit	Napa Valley Forward	System Management	NAP190004	\$1,100,000				\$1,100,000
Napa	Napa	Local Road	California Boulevard Roundabouts	System Management	NAP110028	\$8,159,000		\$7,230,000	\$3,964,000	\$19,353,000
Napa	Napa	Public Lands/ Trails	State Route 29 Bicycle & Pedestrian Undercrossing	Expansion	NAP130004	\$612,000	\$161,000	\$556,000		\$1,329,000
Napa	Napa	Public Lands/ Trails	Vine Trail Gap Closure - Soscol Avenue Corridor	Expansion	NAP170007	\$837,000			\$650,000	\$1,487,000
Napa	Napa	State Highway	Silverado Trail Five-Way Intersection Improvements	System Management	NAP170009	\$6,008,000		\$4,830,000	\$1,153,000	\$11,991,000
Napa	Napa County	Local Road	Hardin Rd Bridge Replacement - 21C0058	Maintenance/ Rehabilitation	NAP110026				\$6,100,000	\$6,100,000
Napa	Napa County	Local Road	Loma Vista Dr Bridge Replacement - 21C0080	Maintenance/ Rehabilitation	NAP110027				\$6,100,000	\$6,100,000

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Napa	Napa County	Local Road	Napa County: 2014 Earthquake Pavement Repair	Maintenance/ Rehabilitation	NAP170002				\$1,228,000	\$1,228,000
Napa	Napa County	Local Road	Silverado Trail Phase L Rehab	Maintenance/ Rehabilitation	NAP170008	\$2,010,000			\$689,000	\$2,699,000
Napa	NVTA	Local Road	Napa County Safe Routes to Schools	System Management	NAP170004	\$147,000		\$437,000	\$227,000	\$811,000
Napa	NVTA	Local Road	Napa Valley Vine Trail Calistoga-St. Helena Seg.	Expansion	NAP150003	\$5,248,640		\$6,106,000	\$907,000	\$12,261,640
Napa	NVTA	Local Road	Napa Valley Vine Trail Design and Construction	Expansion	NAP110014	\$2,958,064		\$3,600,000	\$2,711,000	\$9,269,064
Napa	NVTA	State Highway	SR 12/29/221 Soscol Junction Interchange Imps.	Expansion	NAP090003	\$29,136,000		\$6,100,000	\$28,764,000	\$64,000,000
Napa	NVTA	Transit	Imola Park & Ride and Express Bus Stop Improvement	Maintenance/ Rehabilitation	NAP190006	\$960,905	\$441,129	\$1,052,102	\$300,000	\$2,754,136
Napa	NVTA	Transit	Napa Vine Operating Assistance	Operations	NAP970010	\$24,923,498			\$23,425,300	\$48,348,798
Napa	NVTA	Transit	NVTA Equipment Replacement and Upgrades	Maintenance/ Rehabilitation	NAP090008	\$1,802,382			\$1,708,195	\$3,510,577
Napa	NVTA	Transit	NVTA- Vine Transit Bus Maintenance Facility	Expansion	NAP170003	\$20,000,000			\$2,000,000	\$22,000,000
Napa	NVTA	Transit	NVTA: ADA Operating Assistance	Operations	NAP030004	\$370,380			\$613,207	\$983,587
Napa	NVTA	Transit	NVTA: COVID-19 Emergency Transit Operations	Operations	NAP190005				\$4,377,272	\$4,377,272
Napa	NVTA	Transit	NVTA: Replace Rolling Stock	Maintenance/ Rehabilitation	NAP090005	\$10,431,090	\$1,985,000		\$5,404,250	\$17,820,340
Napa	NVTA	Transit	Park & Ride Lots in Napa County	Expansion	NAP050009	\$2,880,000	\$2,350,000		\$507,131	\$5,737,131
Napa	Saint Helena	State Highway	Main Street St. Helena Pedestrian Improvements	Maintenance/ Rehabilitation	NAP170005	\$187,000			\$1,206,000	\$1,393,000
Napa	Yountville	Public Lands/ Trails	Hopper Creek Pedestrian Bridge and Path Project	Expansion	NAP130008	\$100,000			\$500,000	\$600,000
<b>Napa County</b>						<b>\$129,825,140</b>	<b>\$4,937,129</b>	<b>\$29,911,102</b>	<b>\$103,965,355</b>	<b>\$268,638,726</b>
San Francisco	BART	Transit	BART/MUNI Direct Connection Platform	Expansion	SF-050014		\$3,000,000			\$3,000,000
San Francisco	BART	Transit	Embarcadero Stn: New North-Side Platform Elevator	System Management	SF-170016	\$13,000,000			\$2,000,000	\$15,000,000
San Francisco	GGBHTD	Transit	GGBHTD: Replace 2 Paratransit Vehicles	System Management	SF-170022	\$46,620			\$150,880	\$197,500
San Francisco	MTC	Local Road	Regional Planning Activities and PPM - SF County	System Management	SF-170002	\$517,854			\$8,034,000	\$8,551,854
San Francisco	MTC	State Highway	Bay Bridge Forward-Sterling/Bryant St Managed Lane	System Management	SF-170003		\$7,633,000			\$7,633,000
San Francisco	Port of SF	Local Road	Cargo Way and Amador Street Improvements	System Management	SF-170012	\$15,300,000				\$15,300,000
San Francisco	Port of SF	Local Road	Pier 70 19th Street & Illinois Street Sidewalk	Expansion	SF-130021	\$1,825,000			\$1,000,000	\$2,825,000
San Francisco	Port of SF	Transit	Mission Bay Ferry Terminal	Expansion	SF-170001	\$56,000,000				\$56,000,000
San Francisco	SF County TA	Local Road	Quint-Jerrold Connector Road	System Management	SF-150008	\$19,940,448				\$19,940,448
San Francisco	SF County TA	Local Road	SF Downtown Congestion Pricing	System Management	SF-130017	\$125,600,000	\$400,000			\$126,000,000
San Francisco	SF County TA	Local Road	Treasure Island Congestion Pricing Program	System Management	SF-110049	\$12,274,835			\$480,000	\$12,754,835
San Francisco	SF County TA	State Highway	HOV/HOT Lanes on U.S.101 and I-280 in SF	System Management	SF-130008	\$42,900,000				\$42,900,000
San Francisco	SF County TA	State Highway	US 101 Doyle Drive Availability Payments	Maintenance/ Rehabilitation	SF-190011			\$1,115,070,000		\$1,115,070,000
San Francisco	SF County TA	State Highway	Yerba Buena Island (YBI) Ramp Improvements	Maintenance/ Rehabilitation	SF-070027	\$170,226,401		\$18,483,402	\$182,148,842	\$370,858,645
San Francisco	SF County TA	Transit	Construct Treasure Island Bus Terminal Facility	Expansion	SF-130010	\$2,790,000				\$2,790,000
San Francisco	SF County TA	Transit	Oakdale Caltrain Station	Expansion	SF-090011	\$800,000				\$800,000
San Francisco	SF County TA	Transit	Treasure Island Pricing Mobility Improvements	System Management	SF-130005	\$19,168,990				\$19,168,990
San Francisco	SF DPW	Local Road	Alemanly Interchange Improvements, Phase 2	System Management	SF-190010	\$456,000		\$1,971,000		\$2,427,000
San Francisco	SF DPW	Local Road	Great Highway Restoration	Maintenance/ Rehabilitation	SF-110005	\$491,495			\$3,856,613	\$4,348,108
San Francisco	SF DPW	Local Road	Harney Way Roadway Widening	Expansion	SF-090004	\$26,962,200			\$537,800	\$27,500,000
San Francisco	SF DPW	Local Road	HOPE SF Street Network - Sunnysdale and Potrero	Expansion	SF-170013	\$34,000,000				\$34,000,000
San Francisco	SF DPW	Local Road	Hunters Pt Shipyard and Candlestick Pt Local Roads	Expansion	SF-110006	\$421,100,000				\$421,100,000
San Francisco	SF DPW	Local Road	John Yehall Chin Safe Routes to School	System Management	SF-150001	\$4,903,433		\$358,000		\$5,261,433
San Francisco	SF DPW	Local Road	SF- Better Market Street Transportation Elements	System Management	SF-130001	\$396,634,000			\$18,366,000	\$415,000,000
San Francisco	SF DPW	Local Road	SF- Second Street Complete Streets and Road Diet	System Management	SF-130011	\$9,378,904			\$11,116,387	\$20,495,291
San Francisco	SFMTA	Local Road	6th Street Pedestrian Safety Improvements	System Management	SF-190005	\$17,761,000		\$6,000,000		\$23,761,000
San Francisco	SFMTA	Local Road	SF - Powell Street Safety Improvement	Expansion	SF-170014	\$12,822,540		\$4,900,000		\$17,722,540
San Francisco	SFMTA	Transit	Cable Car Traction Power & Guideway Rehab	Maintenance/ Rehabilitation	SF-99T002	\$39,768,771	\$1,745,000		\$59,126,956	\$100,640,727
San Francisco	SFMTA	Transit	Geary Bus Rapid Transit	Expansion	SF-070004	\$283,451,759			\$16,548,241	\$300,000,000
San Francisco	SFMTA	Transit	Geneva Harney BRT Infrastructure - Eastern Segment	Expansion	SF-090023	\$98,115,000				\$98,115,000
San Francisco	SFMTA	Transit	Geneva Harney BRT Infrastructure: Central Segment	Expansion	SF-090020	\$40,054,000				\$40,054,000
San Francisco	SFMTA	Transit	Historic Streetcar Extension to Fort Mason	Expansion	SF-070003	\$68,886,966				\$68,886,966
San Francisco	SFMTA	Transit	Light Rail Vehicle Procurement	Expansion	SF-090012	\$931,254,778	\$59,118,014	\$113,140,000	\$23,447,539	\$1,126,960,331
San Francisco	SFMTA	Transit	L-Taraval - SGR Project Elements	Maintenance/ Rehabilitation	SF-190002	\$27,017,500			\$4,070,000	\$31,087,500
San Francisco	SFMTA	Transit	Muni Metro East Facility - Boiler Replacement	Maintenance/ Rehabilitation	SF-190003	\$2,340,944			\$4,100,000	\$6,440,944
San Francisco	SFMTA	Transit	SF Muni Rail Replacement Program	Maintenance/ Rehabilitation	SF-95037B	\$95,330,993	\$10,169,737	\$4,000,000	\$180,955,708	\$290,456,438
San Francisco	SFMTA	Transit	SF Muni Third St LRT Phase 2 - New Central Subway	Expansion	SF-010037	\$195,848,193		\$383,100,000	\$999,051,807	\$1,578,000,000
San Francisco	SFMTA	Transit	SFMTA - Core Capacity Program	System Management	SF-190012	\$17,690,000		\$40,000,000		\$57,690,000
San Francisco	SFMTA	Transit	SFMTA - Replacement of 40' Motor Coaches	Maintenance/ Rehabilitation	SF-150005	\$16,775,901	\$37,159,300		\$105,354,154	\$159,289,355
San Francisco	SFMTA	Transit	SFMTA Replacement of 60' Motor Coaches	Maintenance/ Rehabilitation	SF-150006	\$44,601,547	\$62,804,634		\$83,791,490	\$191,197,671
San Francisco	SFMTA	Transit	SFMTA Zero Emission Bus Procurement	Expansion	SF-190013	\$17,325,000		\$4,900,000	\$1,000,000	\$23,225,000
San Francisco	SFMTA	Transit	SFMTA: 60' Motor Coach Mid-Life Overhaul	Maintenance/ Rehabilitation	SF-170018	\$12,977,795			\$19,392,931	\$32,370,726
San Francisco	SFMTA	Transit	SFMTA: ADA Paratransit Operating Support	Operations	SF-990022	\$156,427,120			\$81,910,542	\$238,337,662
San Francisco	SFMTA	Transit	SFMTA: Cable Car Vehicle Renovation Program	Maintenance/ Rehabilitation	SF-970073	\$5,129,100	\$4,254,731	\$125,250	\$20,751,260	\$30,260,341
San Francisco	SFMTA	Transit	SFMTA: COVID-19 Emergency Transit Operations	Operations	SF-190007				\$373,782,759	\$373,782,759
San Francisco	SFMTA	Transit	SFMTA: Overhead Line Recon. & Traction Power Prog	Maintenance/ Rehabilitation	SF-970170	\$49,651,970	\$8,209,000	\$6,183,000	\$154,382,113	\$218,426,083
San Francisco	SFMTA	Transit	SFMTA: Paratransit Vehicle Replacements	Maintenance/ Rehabilitation	SF-090035	\$6,133,264	\$255,840		\$8,264,210	\$14,653,314
San Francisco	SFMTA	Transit	SFMTA: Rehab Historic Streetcars	Maintenance/ Rehabilitation	SF-170021	\$13,648,723			\$15,000,000	\$28,648,723

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
San Francisco	SFMTA	Transit	SFMTA: Replace 35 Paratransit Cutaway Vans	Maintenance/ Rehabilitation	SF-170008		\$4,012,037			\$4,012,037
San Francisco	SFMTA	Transit	SFMTA: Replacement of 30' Motor Coaches	Maintenance/ Rehabilitation	SF-170020	\$24,357,866	\$18,455,850			\$42,813,716
San Francisco	SFMTA	Transit	SFMTA: Replacement of 40' Trolley Coaches	Maintenance/ Rehabilitation	SF-170004	\$52,830,306	\$7,429,442		\$189,553,443	\$249,813,191
San Francisco	SFMTA	Transit	SFMTA: Station-area Ped and Bike Access Improvemnt	System Management	SF-170006	\$62,500	\$250,000		\$1,250,000	\$1,562,500
San Francisco	SFMTA	Transit	SFMTA: Wayside Fare Collection Equipment	Maintenance/ Rehabilitation	SF-030013	\$8,263,366	\$762,000	\$1,000,000	\$33,852,875	\$43,878,241
San Francisco	SFMTA	Transit	SFMTA:Train Control & Trolley Signal Rehab/Replace	Maintenance/ Rehabilitation	SF-050024	\$119,515,144	\$12,007,337	\$6,000,000	\$72,154,000	\$209,676,481
San Francisco	SFMTA	Transit	SFMTA-Facilities Condition Assessment Repairs	Maintenance/ Rehabilitation	SF-190004	\$13,055,052		\$4,641,979	\$5,900,000	\$23,597,031
San Francisco	SFMTA	Transit	Transit Center in Hunters Point	Expansion	SF-090016	\$22,000,000				\$22,000,000
San Francisco	SFMTA	Transit	Van Ness Avenue Bus Rapid Transit	Expansion	SF-070005	\$123,945,133			\$84,339,999	\$208,285,132
San Francisco	SFMTA	Transit	Woods Bus Facility Modernization	Maintenance/ Rehabilitation	SF-190001	\$500,000		\$1,382,585	\$3,617,415	\$5,500,000
San Francisco	TBJPA	Transit	TJPA: COVID-19 Emergency Transit Operations	Operations	SF-190009				\$583,287	\$583,287
San Francisco	TBJPA	Transit	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	Expansion	SF-050002	\$4,241,776,608	\$6,983,392		\$1,240,000	\$4,250,000,000
San Francisco	TIMMA	Transit	Treasure Island Ferry Terminal Landside Imprvmnts	Expansion	SF-190006	\$1,331,010			\$3,000,000	\$4,331,010
San Francisco	WETA	Transit	WETA: Electric Vessels and Related Infrastructure	Expansion	SF-190008			\$9,060,000		\$9,060,000
San Francisco	WETA	Transit	WETA: Replace Ferry Vessels	Maintenance/ Rehabilitation	SF-110053	\$10,382,067	\$1,504,000	\$6,858,952	\$74,244,069	\$92,989,088
<b>San Francisco County</b>						<b>\$8,145,348,096</b>	<b>\$246,153,314</b>	<b>\$1,727,174,168</b>	<b>\$2,848,355,320</b>	<b>\$12,967,030,898</b>
San Mateo	Atherton	Local Road	Atherton Street Preservation	Maintenance/ Rehabilitation	SM-190008	\$135,000			\$251,000	\$386,000
San Mateo	BART	Transit	BART: Preventive Maintenance	Maintenance/ Rehabilitation	SM-050005	\$8,160,331			\$38,495,099	\$46,655,430
San Mateo	BART	Transit	Daly City BART Station Intermodal Improvements	System Management	SM-130029	\$550,000		\$350,000	\$200,000	\$1,100,000
San Mateo	Belmont	Local Road	Belmont Pavement Preservation	Maintenance/ Rehabilitation	SM-170043	\$133,000			\$467,000	\$600,000
San Mateo	Belmont	Local Road	Ralston Avenue Corridor Bike-Ped Imps	System Management	SM-170042	\$800,000			\$1,000,000	\$1,800,000
San Mateo	Brisbane	Public Lands/ Trails	Crocker Trail Commuter Connectivity Upgrades	Maintenance/ Rehabilitation	SM-170041	\$265,000			\$885,000	\$1,150,000
San Mateo	Brisbane	State Highway	US 101/Candlestick I/C Reconfiguration	System Management	SM-090004	\$25,000,000				\$25,000,000
San Mateo	Burlingame	Local Road	Burlingame Street Resurfacing	Maintenance/ Rehabilitation	SM-170021	\$800,000			\$571,000	\$1,371,000
San Mateo	Burlingame	Local Road	Burlingame: Broadway PDA Lighting Improvements	Maintenance/ Rehabilitation	SM-170020	\$180,000			\$720,000	\$900,000
San Mateo	Burlingame	Local Road	Hoover School Area Sidewalk Impvts (Summit Dr.)	System Management	SM-170015	\$198,000			\$700,000	\$898,000
San Mateo	Caltrain	Transit	Caltrain Electrification	System Management	SF-010028	\$221,785,331	\$39,430,000	\$770,000,000	\$949,037,200	\$1,980,252,531
San Mateo	Caltrain	Transit	Caltrain TVM Rehab and Clipper Functionality	Maintenance/ Rehabilitation	SM-170010	\$1,761,888			\$1,080,118	\$2,842,006
San Mateo	Caltrain	Transit	Caltrain: COVID-19 Emergency Transit Operations	Operations	SM-190011				\$64,637,334	\$64,637,334
San Mateo	Caltrain	Transit	Caltrain: Systemwide Track Rehab & Related Struct.	Maintenance/ Rehabilitation	SM-03006B	\$38,557,914	\$2,166,536		\$153,330,808	\$194,055,258
San Mateo	Caltrain	Transit	Peninsula Corridor Electrification Expansion	Expansion	SM-190002	\$39,116,000		\$164,522,000		\$203,638,000
San Mateo	Caltrain	Transit	South San Francisco Caltrain Station Improvements	Maintenance/ Rehabilitation	SM-170005	\$16,172,400			\$38,827,600	\$55,000,000
San Mateo	CCAG	Local Road	ITS Improvements in San Mateo County Northern Citi	System Management	SM-170046	\$2,457,000			\$8,500,000	\$10,957,000
San Mateo	CCAG	Local Road	SM Countywide ITS Improvements - SSF Segment	System Management	SM-070002	\$1,022,000		\$2,700,000	\$4,298,000	\$8,020,000
San Mateo	CCAG	State Highway	Improve US 101 operations near Rte 92	System Management	SM-090014	\$21,641,000			\$5,628,000	\$27,269,000
San Mateo	CCAG	State Highway	US-101 Managed Lanes North of I-380	Expansion	SM-190009	\$135,000,000			\$7,177,000	\$142,177,000
San Mateo	CCAG	State Highway	US101 Managed Lanes: Santa Clara Co-S of Grand Ave	Expansion	SM-150017	\$136,755,000	\$95,000,000	\$222,027,000	\$61,047,699	\$514,829,699
San Mateo	Colma	Local Road	Colma - Mission Road Bike/Ped Improvements	System Management	SM-170022	\$1,938,000		\$87,000	\$625,000	\$2,650,000
San Mateo	Daly City	Local Road	Daly City Central Corridor Bike/Ped Safety Imprmnt	Expansion	SM-150012	\$650,000		\$2,019,000		\$2,669,000
San Mateo	Daly City	Local Road	Daly City Street Resurfacing and Slurry Seal	Maintenance/ Rehabilitation	SM-170023	\$170,000			\$1,310,000	\$1,480,000
San Mateo	East Palo Alto	Local Road	East Palo Alto Citywide Street Resurfacing	Maintenance/ Rehabilitation	SM-170024	\$478,000			\$416,000	\$894,000
San Mateo	East Palo Alto	Local Road	US 101 University Ave Interchange Improvements	System Management	SM-070006	\$5,120,000			\$1,887,000	\$7,007,000
San Mateo	Half Moon Bay	Local Road	Half Moon Bay - Poplar Complete Streets	System Management	SM-170013	\$156,000			\$1,202,000	\$1,358,000
San Mateo	Half Moon Bay	State Highway	Route 1 improvements in Half Moon Bay	Expansion	SM-090015	\$10,150,000				\$10,150,000
San Mateo	Hillsborough	Local Road	Hillsborough Street Resurfacing	Maintenance/ Rehabilitation	SM-170026	\$465,000		\$202,000	\$408,000	\$1,075,000
San Mateo	Menlo Park	Local Road	Menlo Park-Santa Cruz Avenue & Middle Avenue Rehab	Maintenance/ Rehabilitation	SM-170027	\$1,517,100			\$647,000	\$2,164,100
San Mateo	Millbrae	Local Road	Millbrae Street Rehabilitation	Maintenance/ Rehabilitation	SM-170028	\$472,000			\$387,000	\$859,000
San Mateo	Millbrae	Local Road	Widen Millbrae Avenue	Expansion	SM-210001	\$11,550,000				\$11,550,000
San Mateo	MTC	Local Road	Regional Planning Activities and PPM - San Mateo	System Management	SM-170002	\$495,181			\$7,506,000	\$8,001,181
San Mateo	MTC	State Highway	FPP: US 101 Adaptive Ramp Metering	System Management	SM-190004	\$300,000			\$3,000,000	\$3,300,000
San Mateo	Pacifica	Local Road	Manor Drive Overcrossing and Milagra On Ramp	Expansion	SM-170004	\$20,275,000				\$20,275,000
San Mateo	Pacifica	Local Road	Pacifica - Palmetto Sidewalk Extension	Expansion	SM-170029	\$40,000		\$43,000	\$330,000	\$413,000
San Mateo	Portola Valley	Local Road	Portola Valley Street Preservation	Maintenance/ Rehabilitation	SM-170044	\$27,000			\$201,000	\$228,000
San Mateo	Redwood City	Local Road	Blomquist Street Extension	Expansion	SM-090007	\$22,400,000				\$22,400,000
San Mateo	Redwood City	Local Road	Redwood City Pavement Preservation	Maintenance/ Rehabilitation	SM-170032	\$296,000			\$1,266,000	\$1,562,000
San Mateo	Redwood City	Local Road	US 101/Woodside Road Class 1 Bikeway	Expansion	SM-170045	\$284,000			\$948,000	\$1,232,000
San Mateo	Redwood City	State Highway	US 101 / Woodside Interchange Improvement	Expansion	SM-050027	\$163,000,000			\$8,000,000	\$171,000,000
San Mateo	Redwood City	Transit	Redwood City Ferry Service	Expansion	SM-110002	\$3,032,000				\$3,032,000
San Mateo	SamTrans	Transit	El Camino Real Traffic Signal Priority Project	System Management	SM-170008	\$448,151			\$3,459,000	\$3,907,151
San Mateo	SamTrans	Transit	SamTrans - Purchase of Replacement Minivans	Maintenance/ Rehabilitation	SM-150011	\$246,780			\$1,038,120	\$1,284,900
San Mateo	SamTrans	Transit	SamTrans - Replacement of Cutaway Buses	Maintenance/ Rehabilitation	SM-150010	\$541,425			\$2,275,500	\$2,816,925
San Mateo	SamTrans	Transit	SamTrans Express Bus Service	Expansion	SM-190003	\$20,370,007		\$16,132,567		\$36,502,574
San Mateo	SamTrans	Transit	SAMTRANS Facility/Equipment Rehab/Replacement	Maintenance/ Rehabilitation	SM-070049	\$164,280		\$186,500	\$1,402,000	\$1,752,780
San Mateo	SamTrans	Transit	SAMTRANS: ADA Paratransit Operating Subsidy	Operations	SM-990026	\$3,949,338			\$15,791,814	\$19,741,152
San Mateo	SamTrans	Transit	SamTrans: COVID-19 Emergency Transit Operations	Operations	SM-190010				\$45,880,100	\$45,880,100

**TIP Project Listings - Funding by Funding Authority**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
San Mateo	SamTrans	Transit	SAMTRANS: Preventive Maintenance	Maintenance/ Rehabilitation	SM-030023	\$8,222,399	\$79,069		\$47,709,388	\$56,010,856
San Mateo	San Bruno	Local Road	Huntington Transit Corridor Bike/Ped Improvements	System Management	SM-170017	\$243,000			\$914,000	\$1,157,000
San Mateo	San Bruno	Local Road	Huntington/San Antonio Street Rehabilitation	Maintenance/ Rehabilitation	SM-170033	\$1,257,000			\$673,000	\$1,930,000
San Mateo	San Carlos	Local Road	Brittan Ave. Widening	Expansion	SM-190001	\$4,950,000				\$4,950,000
San Mateo	San Carlos	Local Road	Cedar and Brittan Ave Pavement Rehab	Maintenance/ Rehabilitation	SM-170035	\$75,000			\$575,000	\$650,000
San Mateo	San Carlos	Local Road	Ped Enhancements Arroyo/Cedar & Hemlock/Orange	System Management	SM-170034	\$230,000			\$500,000	\$730,000
San Mateo	San Carlos	State Highway	US101/Holly St I/C Mod and Bike/Ped Overcrossing	System Management	SM-090008	\$39,120,000			\$1,000,000	\$40,120,000
San Mateo	San Mateo	Local Road	Laurie Meadows Ped/Bike Safety Improvements	System Management	SM-170039	\$128,000			\$987,000	\$1,115,000
San Mateo	San Mateo	Local Road	North San Mateo Drive Sustainable Streets	System Management	SM-170038	\$3,963,600				\$3,963,600
San Mateo	San Mateo	Local Road	San Mateo Street Rehabilitation	Maintenance/ Rehabilitation	SM-170040	\$207,000			\$1,593,000	\$1,800,000
San Mateo	San Mateo	Public Lands/ Trails	East Hillsdale Boulevard Ped/Bike Overcrossing	Expansion	SM-170006	\$30,850,000				\$30,850,000
San Mateo	San Mateo	State Highway	SR92/EI Camino Real (SR82) Ramp Modifications	System Management	SM-110047	\$20,156,000			\$7,603,425	\$27,759,425
San Mateo	San Mateo	State Highway	US 101/Peninsula Avenue Interchange Improvements	Expansion	SM-170011	\$117,700,000				\$117,700,000
San Mateo	San Mateo Co	Local Road	San Mateo Countywide Pavement Maintenance	Maintenance/ Rehabilitation	SM-170014	\$140,000			\$1,072,000	\$1,212,000
San Mateo	San Mateo Co	Public Lands/ Trails	Midcoast Multi-Modal Trail	Expansion	SM-130032	\$4,514,000				\$4,514,000
San Mateo	San Mateo Co	State Highway	Hwy 1 Congestion & Safety Improvements	System Management	SM-170001	\$7,200,000				\$7,200,000
San Mateo	SF City/County	Public Lands/ Trails	Southern Skyline Blvd. Ridge Trail Extension	Expansion	SM-130031	\$13,700,000			\$1,000,000	\$14,700,000
San Mateo	SMCTA	State Highway	US 101 Aux lanes from Sierra Point to SF Co. Line	Expansion	SM-090009	\$74,800,000				\$74,800,000
San Mateo	SSF	Local Road	SSF Linden/Spruce Ave Traffic Calming Improvements	System Management	SM-150015	\$170,000		\$868,000		\$1,038,000
San Mateo	SSF	Local Road	SSF Pavement Rehabilitation	Maintenance/ Rehabilitation	SM-170036	\$134,000			\$1,027,000	\$1,161,000
San Mateo	SSF	State Highway	SSF Grand Boulevard Complete Streets (Phase III)	System Management	SM-170016	\$275,000			\$1,000,000	\$1,275,000
San Mateo	SSF	State Highway	US 101/Produce Avenue New Interchange	Expansion	SM-110003	\$131,490,000			\$5,000,000	\$136,490,000
San Mateo	Woodside	Local Road	Road Rehabilitation - Town of Woodside	Maintenance/ Rehabilitation	SM-170037	\$333,000			\$242,000	\$575,000
<b>San Mateo County</b>						<b>\$1,378,883,125</b>	<b>\$136,675,605</b>	<b>\$1,179,137,067</b>	<b>\$1,505,728,205</b>	<b>\$4,200,424,002</b>
Santa Clara	Caltrans	State Highway	SCL-SM I-280 Pavement Preserv. and HOV Extension	Maintenance/ Rehabilitation	SCL190034			\$59,470,000		\$59,470,000
Santa Clara	Campbell	Local Road	Harriet Avenue Sidewalk Improvements	System Management	SCL190042	\$949,100			\$405,900	\$1,355,000
Santa Clara	Campbell	State Highway	SR 17 Southbound/Hamilton Ave. Off-Ramp Widening	System Management	SCL210003	\$1,507,000				\$1,507,000
Santa Clara	Cupertino	Local Road	McClellan Road Separated Bikeways (Phase 3)	System Management	SCL190036	\$1,500,000			\$1,000,000	\$2,500,000
Santa Clara	Los Altos	Local Road	Los Altos: Fremont Ave Pavement Preservation	Maintenance/ Rehabilitation	SCL170038	\$1,380,042			\$336,000	\$1,716,042
Santa Clara	Los Gatos	Local Road	Shannon Road Complete Streets	System Management	SCL190033	\$349,900			\$940,100	\$1,290,000
Santa Clara	Los Gatos	Public Lands/ Trails	Los Gatos Creek Trail to Hwy 9 Trailhead Connector	Expansion	SCL170028	\$4,044,440			\$343,000	\$4,387,440
Santa Clara	Milpitas	Local Road	Street Resurfacing 2020 & 2021	Maintenance/ Rehabilitation	SCL170039	\$3,875,522			\$1,609,000	\$5,484,522
Santa Clara	Morgan Hill	Local Road	Dunne Avenue Pavement Rehabilitation	Maintenance/ Rehabilitation	SCL170063	\$395,000			\$857,000	\$1,252,000
Santa Clara	Mountain View	Regional	US 101/Shoreline Boulevard IC Improvements	System Management	SCL210004	\$20,000,000				\$20,000,000
Santa Clara	Mountain View	Transit	Rengstorff Grade Separation	System Management	SCL190032	\$150,350,000				\$150,350,000
Santa Clara	MTC	Local Road	Regional Planning Activities and PPM - Santa Clara	System Management	SCL170001	\$787,470			\$15,925,000	\$16,712,470
Santa Clara	Palo Alto	Local Road	Palo Alto-EI Camino Real Ped Safety & Streetscape	System Management	SCL170051	\$709,000			\$4,655,000	\$5,364,000
Santa Clara	Palo Alto	Local Road	Waverley, E. Meadow & Fabian Enhanced Bikeways	Expansion	SCL170053	\$480,000			\$919,000	\$1,399,000
Santa Clara	San Jose	Local Road	Bay Trail Reach 9 & 9B	Expansion	SCL050082	\$7,863,000			\$675,000	\$8,538,000
Santa Clara	San Jose	Local Road	Better Bikeway San Jose - San Fernando Street	Expansion	SCL190029	\$1,927,000		\$9,992,000		\$11,919,000
Santa Clara	San Jose	Local Road	East San Jose Bikeways	Expansion	SCL130016	\$532,000			\$2,000,000	\$2,532,000
Santa Clara	San Jose	Local Road	Eastside Alum Rock (East of 680) Urban Village	System Management	SCL170062	\$46,000			\$400,000	\$446,000
Santa Clara	San Jose	Local Road	McKee Road Safety Improvements	System Management	SCL170030	\$2,357,000			\$8,623,000	\$10,980,000
Santa Clara	San Jose	Local Road	Mt Pleasant Ped & Bike Traffic Safety Improvements	System Management	SCL170031	\$260,000			\$1,000,000	\$1,260,000
Santa Clara	San Jose	Local Road	San Jose - Autumn Street Extension	Expansion	SCL110006	\$16,326,000			\$974,000	\$17,300,000
Santa Clara	San Jose	Local Road	San Jose - Better Bikeways	Expansion	SCL130004	\$524,000			\$1,150,000	\$1,674,000
Santa Clara	San Jose	Local Road	San Jose Pavement Maintenance	Maintenance/ Rehabilitation	SCL170044	\$3,804,017			\$16,642,138	\$20,446,155
Santa Clara	San Jose	Local Road	San Jose: Los Gatos Creek Reach 5 Underpass	Expansion	SCL110029	\$3,850,000			\$1,200,000	\$5,050,000
Santa Clara	San Jose	Local Road	Tully Road Safety Improvements	System Management	SCL170029	\$2,351,000			\$8,599,000	\$10,950,000
Santa Clara	San Jose	Local Road	US 101/Old Oakland Road Interchange improvements	Expansion	SCL190001	\$25,000,000				\$25,000,000
Santa Clara	San Jose	Local Road	W San Carlos Urban Village Streets Improvements	System Management	SCL170061	\$2,168,000			\$7,932,000	\$10,100,000
Santa Clara	San Jose	Local Road	Willow-Keyes Complete Streets Improvements	System Management	SCL190028	\$7,047,284		\$12,926,000		\$19,973,284
Santa Clara	San Jose	Public Lands/ Trails	Coyote Creek Trail (Hwy 237-Story Rd)	Expansion	SCL050083	\$31,939,931		\$5,256,000	\$4,386,700	\$41,582,631
Santa Clara	San Jose	State Highway	US 101/Blossom Hill Interchange Improvements	Expansion	SCL030006	\$24,414,000				\$24,414,000
Santa Clara	Santa Clara	Public Lands/ Trails	Hetch-Hetchy Trail Phase 1	Expansion	SCL170055	\$460,000			\$790,000	\$1,250,000
Santa Clara	Santa Clara	Public Lands/ Trails	San Tomas Aquino Creek Trail Underpass	Expansion	SCL170052	\$1,271,000			\$2,449,000	\$3,720,000
Santa Clara	Santa Clara	Public Lands/ Trails	Santa Clara School Access Improvements	System Management	SCL170056	\$504,000			\$1,146,000	\$1,650,000
Santa Clara	Santa Clara	Public Lands/ Trails	Saratoga Creek Trail Phase 1	Expansion	SCL170045	\$1,591,000			\$3,735,000	\$5,326,000
Santa Clara	Santa Clara Co	Local Road	Montague Expwy Widening - Trade Zone-Great Mall	Expansion	SCL090017	\$19,000,000				\$19,000,000
Santa Clara	Saratoga	Local Road	Saratoga Village Crosswalks and Sidewalk Rehab	Maintenance/ Rehabilitation	SCL170054	\$84,000			\$338,000	\$422,000
Santa Clara	Sunnyvale	Local Road	Bernardo Avenue Bicycle Underpass	Expansion	SCL170020	\$9,865,069			\$500,000	\$10,365,069
Santa Clara	Sunnyvale	Local Road	East Sunnyvale Area "Sense of Place"	Expansion	SCL170024	\$809,900			\$3,047,000	\$3,856,900
Santa Clara	Sunnyvale	Local Road	Fair Oaks Avenue Bikeway - Phase 2	Expansion	SCL170025	\$208,000			\$782,000	\$990,000
Santa Clara	Sunnyvale	Local Road	Homestead Rd at Homestead High School Improvements	System Management	SCL170043	\$265,000			\$1,000,000	\$1,265,000
Santa Clara	Sunnyvale	Local Road	Java Dr Road Diet and Bike Lanes	Expansion	SCL170022	\$331,889			\$500,000	\$831,889

**TIP Project Listings - Funding by Funding Authority**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Santa Clara	Sunnyvale	Local Road	Lawrence Station Area Sidewalks & Bike Facilities	Expansion	SCL170026	\$133,000			\$500,000	\$633,000
Santa Clara	Sunnyvale	Local Road	Peery Park "Sense of Place" Improvements	Expansion	SCL170023	\$714,000			\$3,480,000	\$4,194,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale Ped and Bike Infrastructure Improvements	System Management	SCL170057	\$244,000			\$919,000	\$1,163,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale Safe Routes to School Improvements	System Management	SCL170059	\$473,000		\$1,889,000		\$2,362,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale SNAIL Neighborhood Improvements	System Management	SCL170017	\$1,212,000		\$4,834,000		\$6,046,000
Santa Clara	Sunnyvale	Local Road	Sunnyvale Traffic Signal Upgrades/Replacements	Maintenance/ Rehabilitation	SCL170027	\$333,000			\$2,566,000	\$2,899,000
Santa Clara	VTA	Local Road	IDEA Cat 2: Valley Transportation Authority	System Management	SCL170065	\$250,000			\$845,000	\$1,095,000
Santa Clara	VTA	Local Road	Local PDA Planning - Santa Clara	System Management	SCL110125	\$568,437			\$4,387,408	\$4,955,845
Santa Clara	VTA	Local Road	SR 237/US 101/Mathilda Interchange Modifications	System Management	SCL130001	\$30,000,000		\$17,000,000		\$47,000,000
Santa Clara	VTA	Local Road	US 101/Zanker Road-Skyport Drive-N. Fourth St. Imp	System Management	SCL190007	\$161,000,000				\$161,000,000
Santa Clara	VTA	State Highway	US 101/Buena Vista Avenue Interchange Improvement	System Management	SCL190010	\$34,000,000				\$34,000,000
Santa Clara	VTA	State Highway	Calaveras Boulevard Widening	Expansion	SCL190009	\$85,000,000				\$85,000,000
Santa Clara	VTA	State Highway	Double Lane Southbound US 101 off-ramp to SB SR 87	System Management	SCL190006	\$3,000,000				\$3,000,000
Santa Clara	VTA	State Highway	Hwy. Transp Operations System/FPI Phase 1 & 2	System Management	SCL190003	\$20,000,000				\$20,000,000
Santa Clara	VTA	State Highway	I-280 HOV - San Mateo County line to Magdalena Ave	System Management	SCL190004	\$54,000,000				\$54,000,000
Santa Clara	VTA	State Highway	I-280 NB Braided Ramps btw Foothill Expwy & SR 85	System Management	SCL190016	\$54,000,000				\$54,000,000
Santa Clara	VTA	State Highway	I-280 Soundwalls - SR-87 to Los Gatos Creek Bridge	System Management	SCL170064				\$7,000,000	\$7,000,000
Santa Clara	VTA	State Highway	I-280/Foothill Expressway Off Ramp Improvement	Expansion	SCL190002	\$5,500,000				\$5,500,000
Santa Clara	VTA	State Highway	I-280/Saratoga Avenue Interchange Improvement	System Management	SCL190015	\$60,000,000				\$60,000,000
Santa Clara	VTA	State Highway	I-280/Winchester Blvd Interchange Improvement	System Management	SCL150014	\$88,500,000			\$500,000	\$89,000,000
Santa Clara	VTA	State Highway	I-280/Wolfe Road Interchange Improvement	System Management	SCL190011	\$95,680,000				\$95,680,000
Santa Clara	VTA	State Highway	I-680 Soundwalls - Capitol Expwy to Mueller Ave	System Management	SCL150001	\$1,175,700			\$4,456,000	\$5,631,700
Santa Clara	VTA	State Highway	I-680/ Alum Rock/ McKee Road Interchange Imp	System Management	SCL190017	\$47,000,000				\$47,000,000
Santa Clara	VTA	State Highway	I-880 Stevens Creek Landscaping	System Management	SCL130044	\$1,754,412			\$2,051,006	\$3,805,418
Santa Clara	VTA	State Highway	Santa Clara County - US 101 Express Lanes	Expansion	SCL110002	\$386,560,725		\$33,200,000	\$46,284,275	\$466,045,000
Santa Clara	VTA	State Highway	Santa Clara Countywide Noise Abatement Program	System Management	SCL190031	\$36,000,000				\$36,000,000
Santa Clara	VTA	State Highway	SR 152 New Alignment	Expansion	SCL090016	\$25,000,000		\$5,000,000		\$30,000,000
Santa Clara	VTA	State Highway	SR 17 Congestion Relief in Los Gatos	System Management	SCL190014	\$51,000,000				\$51,000,000
Santa Clara	VTA	State Highway	SR 237 WB Auxiliary Lane fr McCarthy to North 1st	System Management	SCL190005	\$52,000,000				\$52,000,000
Santa Clara	VTA	State Highway	SR 85 Express Lanes	Expansion	SCL090030	\$171,200,000			\$16,300,000	\$187,500,000
Santa Clara	VTA	State Highway	SR 87/Charcot Ave On-Ramp HOV Bypass	System Management	SCL210001	\$3,000,000				\$3,000,000
Santa Clara	VTA	State Highway	US 101/De L Cruz Blvd - Trimble Road I/C Imp	System Management	SCL190008	\$53,000,000				\$53,000,000
Santa Clara	VTA	State Highway	US 101/San Antonio Rd/Charleston/Rengstorff IC Imp	System Management	SCL190012	\$40,000,000				\$40,000,000
Santa Clara	VTA	State Highway	US 101/SR 152/10th Ramp and Intersection Imp.	Expansion	SCL210002	\$10,800,000				\$10,800,000
Santa Clara	VTA	State Highway	US 101/SR 25 Interchange - Phase 1	System Management	SCL190013	\$97,000,000		\$4,200,000		\$101,200,000
Santa Clara	VTA	Transit	BART - Berryessa to San Jose Extension	Expansion	BRT030001	\$3,839,658,000		\$910,575,000	\$29,702,000	\$4,779,935,000
Santa Clara	VTA	Transit	Eastridge to BART Regional Connector	Expansion	SCL050009	\$443,297,000		\$48,442,000	\$18,540,000	\$510,279,000
Santa Clara	VTA	Transit	LRT Extension to Vasona Junction and Double Track	Expansion	SCL090040	\$256,000,000				\$256,000,000
Santa Clara	VTA	Transit	Replace/Upgrade Fire Alarm at Guadalupe & Chaboya	Maintenance/ Rehabilitation	SCL190043	\$300,000			\$1,200,000	\$1,500,000
Santa Clara	VTA	Transit	VTA - Not on Transit Program	System Management	SCL190035	\$150,000			\$350,000	\$500,000
Santa Clara	VTA	Transit	VTA BART Phase II TOD and Station Access Planning	System Management	SCL170002	\$380,000			\$1,520,000	\$1,900,000
Santa Clara	VTA	Transit	VTA Track Intrusion Abatement	System Management	SCL150008	\$2,200,000			\$8,800,000	\$11,000,000
Santa Clara	VTA	Transit	VTA Train to Wayside Communication System Upgrade	Maintenance/ Rehabilitation	SCL150005	\$321,150			\$1,284,600	\$1,605,750
Santa Clara	VTA	Transit	VTA: ADA Operating Set Aside	Operations	SCL050046	\$13,679,670			\$54,156,701	\$67,836,371
Santa Clara	VTA	Transit	VTA: Back-up Power for Elevated Stations	System Management	SCL150006	\$80,000			\$320,000	\$400,000
Santa Clara	VTA	Transit	VTA: Bus & LR Vehicle Mobile Router Replacement	Maintenance/ Rehabilitation	SCL190037	\$300,000			\$1,200,000	\$1,500,000
Santa Clara	VTA	Transit	VTA: Bus CCTV Replacement	Maintenance/ Rehabilitation	SCL190023	\$660,000			\$2,640,000	\$3,300,000
Santa Clara	VTA	Transit	VTA: Cameras for VTA ACCESS Paratransit Vehicles	Maintenance/ Rehabilitation	SCL190045	\$451,213			\$1,804,850	\$2,256,063
Santa Clara	VTA	Transit	VTA: Chaboya Yard Well Removal	Maintenance/ Rehabilitation	SCL170009	\$79,000			\$316,000	\$395,000
Santa Clara	VTA	Transit	VTA: COVID-19 Emergency Transit Operations	Operations	SCL190038				\$141,575,706	\$141,575,706
Santa Clara	VTA	Transit	VTA: Downtown San Jose Speed Improvements	Maintenance/ Rehabilitation	SCL190047	\$1,230,000			\$4,920,000	\$6,150,000
Santa Clara	VTA	Transit	VTA: Facilities ADA Upgrades	System Management	SCL190039	\$640,000			\$2,560,000	\$3,200,000
Santa Clara	VTA	Transit	VTA: Fuel Dispenser & UDC Replacement	Maintenance/ Rehabilitation	SCL190040	\$480,000			\$1,920,000	\$2,400,000
Santa Clara	VTA	Transit	VTA: Gigabit Ethernet Network	Maintenance/ Rehabilitation	SCL190025	\$240,000			\$960,000	\$1,200,000
Santa Clara	VTA	Transit	VTA: Guadalupe Entrance Security Improvement	Maintenance/ Rehabilitation	SCL190054	\$250,000			\$1,000,000	\$1,250,000
Santa Clara	VTA	Transit	VTA: Guadalupe Roll Up Doors	Maintenance/ Rehabilitation	SCL190052	\$500,000			\$2,000,000	\$2,500,000
Santa Clara	VTA	Transit	VTA: Guadalupe Steam Rack Improv & Liner Replace	Maintenance/ Rehabilitation	SCL190053	\$600,000			\$2,400,000	\$3,000,000
Santa Clara	VTA	Transit	VTA: Guadalupe Train Wash Replacement	Maintenance/ Rehabilitation	SCL170010	\$562,000			\$2,248,000	\$2,810,000
Santa Clara	VTA	Transit	VTA: HVAC Replacement	Maintenance/ Rehabilitation	SCL190026	\$362,067			\$1,448,265	\$1,810,332
Santa Clara	VTA	Transit	VTA: Light Rail Bridge and Structure - SG Repair	Maintenance/ Rehabilitation	SCL110099	\$970,000			\$3,880,000	\$4,850,000
Santa Clara	VTA	Transit	VTA: Light Rail Roadway Protection System	System Management	SCL170048	\$1,939,000				\$1,939,000
Santa Clara	VTA	Transit	VTA: Light Rail Station Rehabilitation	Maintenance/ Rehabilitation	SCL190048	\$194,000			\$776,000	\$970,000
Santa Clara	VTA	Transit	VTA: Light Rail Track Crossovers and Switches	Maintenance/ Rehabilitation	SCL110104	\$31,092,548		\$64,781	\$4,036,518	\$35,193,847
Santa Clara	VTA	Transit	VTA: LR Platform CCTV System Replacement	Maintenance/ Rehabilitation	SCL190050	\$111,400			\$445,600	\$557,000
Santa Clara	VTA	Transit	VTA: Network & Gigabit Fiber Upgrade	Maintenance/ Rehabilitation	SCL190044	\$300,000			\$1,200,000	\$1,500,000



**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Santa Clara	VTA	Transit	VTA: Non-Revenue Vehicle Procurement	Maintenance/ Rehabilitation	SCL170047	\$80,000			\$320,000	\$400,000
Santa Clara	VTA	Transit	VTA: Paratransit Vehicle Procurement	Maintenance/ Rehabilitation	SCL170005	\$2,043,329			\$8,173,316	\$10,216,645
Santa Clara	VTA	Transit	VTA: Pedestrian Backgates - Non-Vasona	Maintenance/ Rehabilitation	SCL190051	\$1,640,000			\$6,560,000	\$8,200,000
Santa Clara	VTA	Transit	VTA: Pedestrian Swing Gates Replacement	Maintenance/ Rehabilitation	SCL170007	\$856,000			\$3,424,000	\$4,280,000
Santa Clara	VTA	Transit	VTA: Preventive Maintenance	Maintenance/ Rehabilitation	SCL990046	\$121,053,756			\$475,213,775	\$596,267,531
Santa Clara	VTA	Transit	VTA: Public Address System Upgrade	Maintenance/ Rehabilitation	SCL190049	\$554,088			\$2,216,352	\$2,770,440
Santa Clara	VTA	Transit	VTA: Rail Replacement Program	Maintenance/ Rehabilitation	SCL050002	\$12,084,811		\$1,639,764	\$48,036,153	\$61,760,728
Santa Clara	VTA	Transit	VTA: Rehab of LR System Elevators and Escalators	Maintenance/ Rehabilitation	SCL190046	\$1,860,000			\$7,440,000	\$9,300,000
Santa Clara	VTA	Transit	VTA: Replace Fault Monitoring System on LRVs	Maintenance/ Rehabilitation	SCL170006	\$563,800			\$2,255,200	\$2,819,000
Santa Clara	VTA	Transit	VTA: Replace UPSs and PDU in OCC/EOC	Maintenance/ Rehabilitation	SCL190041	\$94,341			\$377,361	\$471,702
Santa Clara	VTA	Transit	VTA: SCADA Control Center System Replacement	Maintenance/ Rehabilitation	SCL170050	\$753,800			\$3,015,200	\$3,769,000
Santa Clara	VTA	Transit	VTA: SCADA Hardware, Software, Network Upgrade	Maintenance/ Rehabilitation	SCL190027	\$1,111,824			\$4,447,296	\$5,559,120
Santa Clara	VTA	Transit	VTA: SCADA Middleware Replacement	Maintenance/ Rehabilitation	SCL170049	\$287,600			\$1,150,400	\$1,438,000
Santa Clara	VTA	Transit	VTA: Standard & Small Bus Replacement	Maintenance/ Rehabilitation	SCL050001	\$137,580,953		\$9,196,395	\$150,703,778	\$297,481,126
Santa Clara	VTA	Transit	VTA: Systemwide Security Improvements	System Management	SCL170046	\$101,390			\$405,558	\$506,948
Santa Clara	VTA	Transit	VTA: TP OCS Rehab & Replacement	Maintenance/ Rehabilitation	SCL090044	\$6,561,989			\$26,247,951	\$32,809,940
Santa Clara	VTA	Transit	VTA: Transit Center Park and Ride Rehab	Maintenance/ Rehabilitation	SCL190024	\$400,000			\$1,600,000	\$2,000,000
Santa Clara	VTA	Transit	VTA: Upgrade Rail Grade Crossing Control Equipment	Maintenance/ Rehabilitation	SCL170011	\$1,092,000			\$4,368,000	\$5,460,000
Santa Clara	VTA	Transit	VTA: Vasona Pedestrian Back Gates	Maintenance/ Rehabilitation	SCL170008	\$580,000			\$2,320,000	\$2,900,000
<b>Santa Clara County</b>						<b>\$6,907,551,567</b>		<b>\$1,123,684,940</b>	<b>\$1,225,626,107</b>	<b>\$9,256,862,614</b>
Solano	Benicia	Local Road	Benicia - Park Road Improvements	Maintenance/ Rehabilitation	SOL170011	\$3,127,000			\$2,731,000	\$5,858,000
Solano	Dixon	Local Road	Parkway Blvd/UPRR Grade Separation	Expansion	SOL050009	\$14,779,000			\$1,060,000	\$15,839,000
Solano	Dixon	Transit	Dixon: COVID-19 Emergency Transit Operations	Operations	SOL190018				\$390,273	\$390,273
Solano	Fairfield	Local Road	East Tabor Tolenas SR2S Sidewalk Gap Closure	Expansion	SOL170006	\$160,000		\$1,700,000		\$1,860,000
Solano	Fairfield	Local Road	Grange Middle School Safe Routes to School	System Management	SOL170010	\$26,000			\$260,000	\$286,000
Solano	Fairfield	Transit	City of Fairfield Operating Assistance	Operations	SOL010006	\$29,873,616			\$39,783,600	\$69,657,216
Solano	Fairfield	Transit	Fairfield Transportation Center - Phase 3	Expansion	SOL110007	\$7,550,000			\$773,000	\$8,323,000
Solano	Fairfield	Transit	Fairfield/Vacaville Intermodal Rail Station	Expansion	SOL030002	\$18,642,548	\$32,200,126	\$26,394,623	\$3,354,164	\$80,591,461
Solano	Fairfield	Transit	Fairfield: COVID-19 Emergency Transit Operations	Operations	SOL190020				\$3,938,816	\$3,938,816
Solano	Fairfield	Transit	Fairfield-Suisun Intercity/Local Bus Replacement	Maintenance/ Rehabilitation	SOL110041	\$3,583,329			\$3,908,888	\$7,492,217
Solano	F-S Transit	Transit	Fairfield - Electric Bus Fleet and Infrastructure	Maintenance/ Rehabilitation	SOL190003	\$6,924,885		\$1,895,752	\$2,431,518	\$11,252,155
Solano	MTC	Local Road	Regional Planning Activities and PPM - Solano	System Management	SOL170001	\$889,181			\$8,171,000	\$9,060,181
Solano	MTC	State Highway	Solano I-80 Managed Lanes	Expansion	SOL110001	\$123,000,000	\$105,100,000		\$34,000,000	\$262,100,000
Solano	Rio Vista	Transit	Rio Vista: COVID-19 Emergency Transit Operations	Operations	SOL190019				\$157,840	\$157,840
Solano	Solano County	Local Road	Solano County Farm to Market Phase 3	System Management	SOL170016	\$397,000			\$3,050,000	\$3,447,000
Solano	Solano County	Local Road	Solano County Roadway Preservation	Maintenance/ Rehabilitation	SOL170015	\$111,000			\$506,000	\$617,000
Solano	Solano County	Local Road	Suisun Valley Bicycle and Pedestrian Imps	Expansion	SOL130007	\$6,402,400			\$1,175,000	\$7,577,400
Solano	Solano County	State Highway	Redwood-Fairgrounds Dr Interchange Imps	Expansion	SOL090015	\$90,091,816			\$6,384,419	\$96,476,235
Solano	SolTrans	Transit	SolTrans Electric Bus Charging Infrastructure	Maintenance/ Rehabilitation	SOL190017	\$824,000		\$2,731,000	\$1,800,000	\$5,355,000
Solano	SolTrans	Transit	SolTrans: ADA Paratransit Operating Subsidy	Operations	SOL110025	\$915,417			\$3,662,177	\$4,577,594
Solano	SolTrans	Transit	SolTrans: Bus Replacement (Alternative Fuel)	Maintenance/ Rehabilitation	SOL090034	\$2,197,667		\$1,559,402	\$10,527,296	\$14,284,365
Solano	SolTrans	Transit	SolTrans: COVID-19 Emergency Transit Operations	Operations	SOL190021				\$5,531,848	\$5,531,848
Solano	SolTrans	Transit	SolTrans: Data Management Technology Enhancements	System Management	SOL170002	\$400,000				\$400,000
Solano	SolTrans	Transit	Soltrans: Facilities and Amenities Improvements	System Management	SOL170003	\$300,000				\$300,000
Solano	SolTrans	Transit	SolTrans: Operating Assistance	Operations	SOL110040	\$14,159,529			\$14,159,529	\$28,319,058
Solano	SolTrans	Transit	SolTrans: Preventive Maintenance	Maintenance/ Rehabilitation	SOL070032	\$1,097,675			\$3,970,656	\$5,068,331
Solano	STA	Local Road	Jepson: Leisure Town Road from Vanden to Commerce	Expansion	SOL110005	\$4,160,584		\$491,000	\$23,550,530	\$28,202,114
Solano	STA	Local Road	Jepson: Leisure Town Road Phase 1B and 1C	Expansion	SOL110006	\$10,764,842		\$200,000	\$10,888,000	\$21,852,842
Solano	STA	Local Road	Jepson: Walters Rd Ext - Peabody Rd Widening	Expansion	SOL110004	\$12,801,000		\$630,000		\$13,431,000
Solano	STA	Local Road	Solano Safe Routes to School Program	System Management	SOL110019	\$60,683			\$3,789,906	\$3,850,589
Solano	STA	Local Road	STA SR2S Infrastructure & Non-infrastructure	System Management	SOL150004	\$400,000		\$3,067,000		\$3,467,000
Solano	STA	Regional	SolanoExpress Corp Yard Elec	System Management	SOL190001	\$200,000		\$2,000,000		\$2,200,000
Solano	STA	State Highway	I-80/I-680/SR 12 Interchange Improvements	Expansion	SOL070020	\$447,725,008	\$29,262,992	\$174,029,000	\$10,000,000	\$661,017,000
Solano	STA	State Highway	I-80/I-680/SR 12 Interchange Phase 2A	Expansion	SOL190024		\$13,800,000	\$53,200,000	\$25,700,000	\$92,700,000
Solano	STA	State Highway	SR12/Church Rd Intersection Improvements	System Management	SOL150003	\$2,861,000			\$1,939,000	\$4,800,000
Solano	STA	Transit	Solano Mobility Call Center	System Management	SOL170009	\$199,000			\$1,537,000	\$1,736,000
Solano	STA	Transit	Solano Regional Transit Improvements - TIRCP 2020	System Management	SOL190023	\$6,750,000		\$10,400,000		\$17,150,000
Solano	STA	Transit	SolanoExpress Bus Electrification	System Management	SOL190002	\$7,317,000		\$4,811,000		\$12,128,000
Solano	STA	Transit	SolanoExpress Capitol Improvements	System Management	SOL170017	\$1,500,000		\$6,000,000		\$7,500,000
Solano	Suisun City	Local Road	New Railroad Avenue Pavement Rehabilitation	Maintenance/ Rehabilitation	SOL170014	\$64,000			\$491,000	\$555,000
Solano	Suisun City	Public Lands/ Trails	McCoy Creek Trail - Phase 2	Expansion	SOL170007	\$150,000		\$4,137,000		\$4,287,000
Solano	Vacaville	Local Road	Vaca Valley/I505 Multimodal Improvements	System Management	SOL170013	\$12,050,000			\$1,907,000	\$13,957,000
Solano	Vacaville	Transit	Transit Marketing and Public Outreach	System Management	SOL130017	\$215,388				\$215,388
Solano	Vacaville	Transit	Vacaville Transit: Operating Assistance	Operations	SOL010007	\$11,092,715			\$11,936,118	\$23,028,833
Solano	Vacaville	Transit	Vacaville: COVID-19 Emergency Transit Operations	Operations	SOL190022				\$1,789,887	\$1,789,887

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Solano	Vallejo	Local Road	Vallejo - Sacramento St Road Diet and Rehab	System Management	SOL190004	\$89,000			\$681,000	\$770,000
Solano	Vallejo	Local Road	Vallejo Downtown Streetscape	System Management	SOL110035	\$899,000			\$3,590,000	\$4,489,000
Solano	Vallejo	Public Lands/ Trails	Vallejo Bay Trail / Vine Trail Gap Closure	Expansion	SOL170008	\$1,112,000		\$4,216,000		\$5,328,000
Solano	Vallejo	State Highway	Sonoma Boulevard Improvements HSIP5-04-031	System Management	SOL110037	\$47,334			\$365,068	\$412,402
<b>Solano County</b>						<b>\$845,910,617</b>	<b>\$180,363,118</b>	<b>\$297,461,777</b>	<b>\$249,891,533</b>	<b>\$1,573,627,045</b>
Sonoma	Cloverdale	Local Road	Cloverdale - Safe Routes to School Phase 2	Expansion	SON130016	\$167,044			\$100,000	\$267,044
Sonoma	Cotati	Local Road	E. Cotati Avenue Street Rehabilitation Project	Maintenance/ Rehabilitation	SON170015	\$88,000			\$675,000	\$763,000
Sonoma	Healdsburg	Local Road	Healdsburg Avenue Complete Streets Improvements	System Management	SON170024	\$650,000			\$600,000	\$1,250,000
Sonoma	MTC	Local Road	Regional Planning Activities and PPM - Sonoma	System Management	SON170002	\$648,181			\$6,628,000	\$7,276,181
Sonoma	Petaluma	Local Road	Petaluma Blvd South Road Diet at E Street	System Management	SON170011	\$379,100			\$2,916,000	\$3,295,100
Sonoma	Petaluma	Transit	Petaluma AVL Equipment	Maintenance/ Rehabilitation	SON170017	\$44,800			\$179,200	\$224,000
Sonoma	Petaluma	Transit	Petaluma Purchase 1 Remanufactured Fixed Route Bus	Maintenance/ Rehabilitation	SON170018	\$40,800			\$185,867	\$226,667
Sonoma	Petaluma	Transit	Petaluma Transit: ADA Set-Aside	Operations	SON150007	\$131,437			\$525,743	\$657,180
Sonoma	Petaluma	Transit	Petaluma Transit: Security Systems Upgrade	Maintenance/ Rehabilitation	SON190005	\$10,000			\$40,000	\$50,000
Sonoma	Petaluma	Transit	Petaluma: COVID-19 Emergency Transit Operations	Operations	SON190008				\$1,060,946	\$1,060,946
Sonoma	Petaluma	Transit	Petaluma: Purchase Replacement Paratransit Van	Maintenance/ Rehabilitation	SON190004	\$33,120			\$150,880	\$184,000
Sonoma	Petaluma	Transit	Petaluma: Replace 2 Paratransit Cutaways	Maintenance/ Rehabilitation	SON170020	\$32,400			\$147,600	\$180,000
Sonoma	Petaluma	Transit	Petaluma: Transit Yard & Facilities Improvements	Maintenance/ Rehabilitation	SON170005	\$45,357			\$181,428	\$226,785
Sonoma	Rohnert Park	Local Road	Rohnert Park Various Streets Rehabilitation	Maintenance/ Rehabilitation	SON170016	\$791,000			\$1,035,000	\$1,826,000
Sonoma	Santa Rosa	Local Road	Highway 101 Bicycle and Pedestrian Overcrossing	Expansion	SON170012	\$26,331,000			\$1,782,000	\$28,113,000
Sonoma	Santa Rosa	Local Road	Jennings Ave Bike & Ped RR Crossing Corridor	System Management	SON150003	\$1,761,000				\$1,761,000
Sonoma	Santa Rosa	Local Road	Santa Rosa Pavement Rehab of Various Streets	Maintenance/ Rehabilitation	SON170023	\$394,423			\$1,655,000	\$2,049,423
Sonoma	Santa Rosa	Local Road	SantaRosa Downtown Comm Infrastructure Enhancement	System Management	SON190011	\$52,000			\$400,000	\$452,000
Sonoma	Santa Rosa	State Highway	US 101 Hearn Ave Interchange	System Management	SON150006	\$34,650,000				\$34,650,000
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus: Electric Bus Replacement	Maintenance/ Rehabilitation	SON170026	\$527,057			\$2,986,651	\$3,513,708
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus: Operating Assistance	Operations	SON090023	\$14,763,761			\$14,763,761	\$29,527,522
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus: Preventative Maintenance	Maintenance/ Rehabilitation	SON090024	\$2,514,885			\$9,058,166	\$11,573,051
Sonoma	SantaRosa Bus	Transit	Santa Rosa CityBus-paratransit operations	Operations	SON170003	\$974,126			\$974,126	\$1,948,252
Sonoma	SantaRosa Bus	Transit	SantaRosa Bus: Bus Replacement Purchase	Maintenance/ Rehabilitation	SON150008	\$1,802,148			\$1,820,528	\$3,622,676
Sonoma	SantaRosa Bus	Transit	SR CityBus: COVID-19 Emergency Transit Operations	Operations	SON190009				\$4,075,668	\$4,075,668
Sonoma	Sebastopol	Local Road	Bodega Avenue Bike Lanes and Pavement Rehab	Maintenance/ Rehabilitation	SON170021	\$1,461,729			\$1,195,000	\$2,656,729
Sonoma	SMART	Transit	SMART: COVID-19 Emergency Transit Operations	Operations	SON190010				\$14,952,532	\$14,952,532
Sonoma	Son Co Reg Park	Local Road	Central Sonoma Valley Trail	Expansion	SON110050	\$125,000			\$500,000	\$625,000
Sonoma	Son Co Reg Park	Public Lands/ Trails	Joe Rodota Trail Bridge Replacement	Maintenance/ Rehabilitation	SON170025	\$100,000			\$770,000	\$870,000
Sonoma	Son Co TA	Local Road	Santa Rosa Car Share	System Management	SON150010			\$220,000	\$170,130	\$390,130
Sonoma	Son Co TA	Local Road	Sonoma County - County-Wide SRTS Program	System Management	SON170009	\$260,000			\$2,050,000	\$2,310,000
Sonoma	Son Co TA	State Highway	Highway 116/121 Intersection Improvement Project	System Management	SON150009	\$21,580,000				\$21,580,000
Sonoma	Son Co TA	State Highway	US 101 Marin/Sonoma Narrows (Sonoma)	Expansion	SON070004	\$143,603,000		\$191,530,000	\$38,394,000	\$373,527,000
Sonoma	Son Co Transit	Transit	Sonoma Co Transit: COVID-19 Emergency Transit Ops	Operations	SON190007				\$5,772,595	\$5,772,595
Sonoma	Son Co Transit	Transit	Sonoma Co Transit: Preventive Maintenance Program	Maintenance/ Rehabilitation	SON030005	\$4,451,462			\$15,117,940	\$19,569,402
Sonoma	Son Co Transit	Transit	Sonoma County Transit: Replace 2009 CNG Buses	Maintenance/ Rehabilitation	SON170006	\$800,512			\$1,411,831	\$2,212,343
Sonoma	Son Co Transit	Transit	Sonoma County Transit: Replace 2006 CNG Buses	Maintenance/ Rehabilitation	SON150013	\$554,205			\$1,966,631	\$2,520,836
Sonoma	Son Co Transit	Transit	Sonoma County Transit: Replacement CNG Buses	Maintenance/ Rehabilitation	SON150012	\$339,447		\$373,086	\$199,667	\$912,200
Sonoma	Sonoma City	Local Road	Fryer Creek Pedestrian and Bicycle Bridge	Expansion	SON170022	\$223,992			\$501,000	\$724,992
Sonoma	Sonoma County	Local Road	Bodega Highway Pavement Rehabilitation	Maintenance/ Rehabilitation	SON130015	\$190,000			\$1,000,000	\$1,190,000
Sonoma	Sonoma County	Local Road	Crocker Bridge Bike and Pedestrian Passage	Expansion	SON170014	\$402,000			\$3,089,000	\$3,491,000
Sonoma	Sonoma County	Local Road	Rehabilitaiton of Various Roads in Sonoma County	Maintenance/ Rehabilitation	SON170013	\$329,000			\$2,600,000	\$2,929,000
Sonoma	Sonoma County	Local Road	Replace Hauser Bridge over Gualala River 20C0240	Expansion	SON110025				\$6,179,688	\$6,179,688
Sonoma	Sonoma County	Local Road	Sonoma County - River Road Pavement Rehab	Maintenance/ Rehabilitation	SON170010	\$423,000			\$3,264,000	\$3,687,000
Sonoma	Sonoma County	Local Road	Sonoma County Various Streets & Roads Preservation	Maintenance/ Rehabilitation	SON130010	\$438,000			\$3,377,000	\$3,815,000
Sonoma	Sonoma County	Local Road	Sonoma SRTS High School Pilot	System Management	SON150011			\$872,000		\$872,000
Sonoma	Windsor	Local Road	Bell Rd/Market St/Windsor River Rd Ped Improvement	System Management	SON130013	\$305,500			\$410,000	\$715,500
Sonoma	Windsor	Local Road	Conde Ln/Johnson St Pedestrian Improvements	System Management	SON130012	\$173,000			\$432,000	\$605,000
Sonoma	Windsor	Local Road	Windsor River Road/Windsor Road Intersection Imps	System Management	SON170001	\$2,800,000			\$3,000,000	\$5,800,000
<b>Sonoma County</b>						<b>\$265,391,486</b>		<b>\$192,995,086</b>	<b>\$158,294,578</b>	<b>\$616,681,150</b>
Regional/ Multi-County	ACE	Transit	ACE Positive Train Control	System Management	REG110044	\$27,200,334		\$667,000	\$6,458,024	\$34,325,358
Regional/ Multi-County	BAAQMD	Regional	Electric Vehicle Infrastructure/Vehicle Buyback	System Management	REG170021		\$7,000,000	\$3,000,000		\$10,000,000
Regional/ Multi-County	BAAQMD	Regional	Electric Vehicle Programs and Outreach	System Management	REG170020				\$5,000,000	\$5,000,000
Regional/ Multi-County	BAAQMD	Regional	Spare the Air	System Management	REG170019				\$5,000,000	\$5,000,000
Regional/ Multi-County	BAIFA	Tollway	ALA/CC-80 and Bay Bridge Approach Express Lanes	System Management	VAR170003	\$93,300,000	\$5,000,000			\$98,300,000
Regional/ Multi-County	BAIFA	Tollway	Regional Express Lane Network	System Management	REG130004		\$78,011,000			\$78,011,000
Regional/ Multi-County	BART	Transit	BART Car Exchange (Preventive Maintenance)	Maintenance/ Rehabilitation	REG050020	\$281,722,980			\$392,661,632	\$674,384,612
Regional/ Multi-County	BART	Transit	BART Integrated Carpool to Transit Access Program	System Management	REG170008	\$163,000			\$358,000	\$521,000
Regional/ Multi-County	BART	Transit	BART Train Control Renovation	Maintenance/ Rehabilitation	BRT030004	\$41,690,771	\$10,678,000	\$17,500,000	\$194,099,417	\$263,968,188
Regional/ Multi-County	BART	Transit	BART Train Seat Modification	System Management	REG170009	\$194,761			\$1,503,239	\$1,698,000

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Regional/ Multi-County	BART	Transit	BART Transbay Core Capacity Improvements	Expansion	REG170017	\$2,892,100,000		\$318,600,000	\$300,000,000	\$3,510,700,000
Regional/ Multi-County	BART	Transit	BART: Rail, Way and Structures Program	Maintenance/ Rehabilitation	BRT97100B	\$48,886,282	\$4,000,000		\$244,141,551	\$297,027,833
Regional/ Multi-County	BART	Transit	BART: Railcar Procurement Program	Maintenance/ Rehabilitation	REG090037	\$2,237,126,360	\$52,556,599	\$107,100,000	\$331,516,288	\$2,728,299,247
Regional/ Multi-County	BART	Transit	BART: TOD Implementation	System Management	VAR190002	\$2,192,000			\$3,000,000	\$5,192,000
Regional/ Multi-County	BART	Transit	BART: Traction Power System Renovation	Maintenance/ Rehabilitation	BRT030005	\$43,283,000	\$5,722,000		\$178,623,454	\$227,628,454
Regional/ Multi-County	BART	Transit	BART:ADA Paratransit Capital Accessibility Improve	System Management	BRT99T01B	\$9,796,298	\$1,000,000		\$43,074,248	\$53,870,546
Regional/ Multi-County	BART	Transit	Transit-Oriented Development Pilot Planning Progra	System Management	REG150005	\$320,000			\$1,100,000	\$1,420,000
Regional/ Multi-County	Caltrain	Transit	Caltrain Positive Train Control System	System Management	REG110030	\$75,546,731		\$113,360,000	\$69,193,269	\$258,100,000
Regional/ Multi-County	Caltrain	Transit	Caltrain: Revenue Vehicle Rehab Program	Maintenance/ Rehabilitation	REG090051	\$2,970,434			\$11,875,752	\$14,846,186
Regional/ Multi-County	Caltrain	Transit	Caltrain: Signal/Communication Rehab. & Upgrades	Maintenance/ Rehabilitation	SM-050041	\$9,551,426			\$37,326,897	\$46,878,323
Regional/ Multi-County	Caltrans	Local Road	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	Maintenance/ Rehabilitation	VAR170012	\$111,366,834		\$6,434,091	\$696,492,966	\$814,293,891
Regional/ Multi-County	Caltrans	State Highway	GL: Bridge Rehab and Reconstruction - SHOPP	Maintenance/ Rehabilitation	VAR170010			\$1,215,402,000		\$1,215,402,000
Regional/ Multi-County	Caltrans	State Highway	GL: Emergency Repair - SHOPP Emergency Response	Maintenance/ Rehabilitation	VAR170008			\$788,184,000		\$788,184,000
Regional/ Multi-County	Caltrans	State Highway	GL: Highway Safety Improvement Program	System Management	VAR170002	\$6,080,896			\$66,755,637	\$72,836,533
Regional/ Multi-County	Caltrans	State Highway	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	Maintenance/ Rehabilitation	VAR170006			\$1,420,945,000		\$1,420,945,000
Regional/ Multi-County	Caltrans	State Highway	GL: Pavement Resurfacing/Rehab SHS - Highway Maint	Maintenance/ Rehabilitation	VAR170004			\$47,564,135	\$5,829,865	\$53,394,000
Regional/ Multi-County	Caltrans	State Highway	GL: Pvmt Resurf/Rehab State Hwy Sys - SHOPP Minor	Maintenance/ Rehabilitation	VAR190001			\$45,068,000		\$45,068,000
Regional/ Multi-County	Caltrans	State Highway	GL: Railroad-Highway Crossing	System Management	VAR170017				\$23,746,288	\$23,746,288
Regional/ Multi-County	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mandates	System Management	VAR170009			\$232,991,000		\$232,991,000
Regional/ Multi-County	Caltrans	State Highway	GL: Safety Improvements - SHOPP Mobility Program	System Management	VAR170005			\$501,470,000		\$501,470,000
Regional/ Multi-County	Caltrans	State Highway	GL: Safety Imprv. - SHOPP Collision Reduction	System Management	VAR170007			\$898,611,000		\$898,611,000
Regional/ Multi-County	Caltrans	State Highway	GL: Shoulder Imprv - SHOPP Roadside Preservation	Maintenance/ Rehabilitation	VAR170011			\$18,480,000		\$18,480,000
Regional/ Multi-County	MTC	Local Road	Bay Area Housing Initiatives	System Management	REG130005	\$30,000,000				\$30,000,000
Regional/ Multi-County	MTC	Local Road	Bike Share Capital Program	System Management	VAR170024	\$2,509,000			\$775,000	\$3,284,000
Regional/ Multi-County	MTC	Local Road	Innovative Deployments to Enhance Arterials Ct 1&2	System Management	REG170015	\$2,819,100			\$10,915,000	\$13,734,100
Regional/ Multi-County	MTC	Local Road	Reg. Prog. for Arterial System Synchronization	System Management	REG170010	\$650,000			\$5,000,000	\$5,650,000
Regional/ Multi-County	MTC	Local Road	Regional Planning Activities and PPM - MTC	System Management	REG170001	\$1,238,000			\$15,400,000	\$16,638,000
Regional/ Multi-County	MTC	Local Road	Regional Streets and Roads Program	Maintenance/ Rehabilitation	REG090039	\$3,834,000			\$24,143,421	\$27,977,421
Regional/ Multi-County	MTC	Local Road	Shared Use Mobility	System Management	REG170012				\$2,500,000	\$2,500,000
Regional/ Multi-County	MTC	Regional	511 Next Gen	System Management	REG170013				\$33,598,000	\$33,598,000
Regional/ Multi-County	MTC	Regional	511 Traveler Information	System Management	REG090042	\$14,100,000			\$92,020,000	\$106,120,000
Regional/ Multi-County	MTC	Regional	Active Operations Management	System Management	REG170014				\$23,937,000	\$23,937,000
Regional/ Multi-County	MTC	Regional	Bay Bridge Forward - Commuter Parking Initiative	System Management	REG170004	\$9,512,000	\$2,488,000			\$12,000,000
Regional/ Multi-County	MTC	Regional	Bay Bridge Forward-Commuter Parking Initiative O&M	System Management	REG170024				\$2,500,000	\$2,500,000
Regional/ Multi-County	MTC	Regional	Community Based Transportation Planning	System Management	REG170025	\$4,536			\$1,500,000	\$1,504,536
Regional/ Multi-County	MTC	Regional	FPP: I-80 in Alameda, Contra Costa and SF	System Management	VAR190003				\$3,000,000	\$3,000,000
Regional/ Multi-County	MTC	Regional	Regional Car Sharing	System Management	REG170028				\$1,200,411	\$1,200,411
Regional/ Multi-County	MTC	Regional	Regional Planning - PDA Implementation	System Management	REG170016	\$2,286,744			\$17,650,000	\$19,936,744
Regional/ Multi-County	MTC	Regional	Spare the Air Youth	System Management	REG170006				\$2,463,000	\$2,463,000
Regional/ Multi-County	MTC	Regional	Targeted Transportation Alternatives	System Management	REG170027				\$325,000	\$325,000
Regional/ Multi-County	MTC	State Highway	511 Carpool and Vanpool Programs	System Management	REG170003	\$5,720,222	\$1,870,000		\$10,000,000	\$17,590,222
Regional/ Multi-County	MTC	State Highway	Bay Bridge Forward - Casual Carpool	System Management	VAR170013		\$1,000,000			\$1,000,000
Regional/ Multi-County	MTC	State Highway	Bay Bridge Forward - Flexible On-Demand Transit	System Management	REG170005		\$1,000,000			\$1,000,000
Regional/ Multi-County	MTC	State Highway	Bay Bridge Forward - Integrated Bridge Corridor	System Management	VAR170014		\$3,000,000			\$3,000,000
Regional/ Multi-County	MTC	State Highway	Connected & Automated Vehicles	System Management	REG170018				\$2,500,000	\$2,500,000
Regional/ Multi-County	MTC	State Highway	Connected Bay Area	System Management	REG170002		\$90,000		\$19,000,000	\$19,090,000
Regional/ Multi-County	MTC	State Highway	Freeway Performance Initiative (FPI)	System Management	REG090003	\$78,829,050		\$131,645,000	\$96,531,588	\$307,005,638
Regional/ Multi-County	MTC	State Highway	Freeway Performance Program: I-880 Corridor	System Management	VAR170021				\$3,000,000	\$3,000,000
Regional/ Multi-County	MTC	State Highway	Freeway Performance Program: SR 37	System Management	VAR190004				\$1,000,000	\$1,000,000
Regional/ Multi-County	MTC	State Highway	Freeway Performance Program: SR-84	System Management	VAR170023				\$4,375,000	\$4,375,000
Regional/ Multi-County	MTC	State Highway	Incident Management Program	System Management	REG170007				\$4,677,000	\$4,677,000
Regional/ Multi-County	MTC	Tollway	Toll Bridge Maintenance	Maintenance/ Rehabilitation	REG130001		\$177,000,000			\$177,000,000
Regional/ Multi-County	MTC	Tollway	Toll Bridge Rehabilitation Program	Maintenance/ Rehabilitation	REG130002		\$1,112,091,906			\$1,112,091,906
Regional/ Multi-County	MTC	Transit	Bay Area Commuter Benefits Program	System Management	MTC050001		\$5,000,000		\$1,785,000	\$6,785,000
Regional/ Multi-County	MTC	Transit	Clipper Fare Collection System	System Management	REG090045	\$20,239,049	\$23,153,600		\$84,840,806	\$128,233,455
Regional/ Multi-County	MTC	Transit	Clipper@ 2.0 Fare Payment System	System Management	REG170022	\$157,286,429	\$22,600,000	\$14,368,929	\$54,264,642	\$248,520,000
Regional/ Multi-County	MTC	Transit	GL: 5307 JARC Set-aside FY13-FY14 Large UA	Operations	REG110039	\$3,194,539			\$3,194,539	\$6,389,078
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY16	Operations	VAR150001	\$1,531,718			\$1,516,380	\$3,048,098
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY17	Operations	VAR170018	\$1,154,947			\$1,831,573	\$2,986,520
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY18	Operations	VAR170019	\$1,123,521			\$1,788,554	\$2,912,075
Regional/ Multi-County	MTC	Transit	GL: FTA 5311 Rural Area FY19 and FY20	Operations	VAR170026	\$2,046,249			\$3,627,963	\$5,674,212
Regional/ Multi-County	MTC	Transit	GL: FTA Section 5310 Program FY18 and FY19	System Management	VAR190005				\$14,130,385	\$14,130,385
Regional/ Multi-County	MTC	Transit	GL: Lifeline Cycle 4 5307 JARC	Operations	REG150004	\$8,369,367			\$8,977,695	\$17,347,062
Regional/ Multi-County	MTC	Transit	GL: Lifeline Transportation Program Cycle 5	Operations	VAR170025	\$17,072,036			\$6,805,264	\$23,877,300
Regional/ Multi-County	MTC	Transit	GL: Transit Operating Assistance	Operations	VAR190006	\$19,904,773			\$19,884,773	\$39,789,546

**TIP Project Listings - Funding by Funding Authority  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Project Name	Purpose	TIP ID	LOCAL	REGIONAL	STATE	FEDERAL	Total Project Cost
Regional/ Multi-County	MTC	Transit	GL: Transit Preventive Maintenance	Maintenance/ Rehabilitation	VAR190007	\$2,196,645			\$8,795,177	\$10,991,822
Regional/ Multi-County	MTC	Transit	MTC: COVID-19 Emergency Transit Operations	System Management	REG190001				\$12,884,193	\$12,884,193
Regional/ Multi-County	MTC	Transit	TCP Financing Repayment Obligations	Maintenance/ Rehabilitation	REG170023	\$1,503,139,625			\$35,070,000	\$1,538,209,625
Regional/ Multi-County	SMART	Transit	Sonoma Marin Area Rail Corridor	Expansion	SON090002	\$398,479,528	\$58,999,025	\$125,985,000	\$57,518,072	\$640,981,625
Regional/ Multi-County	WETA	Transit	Ferry Service - Berkeley	Expansion	MTC050027		\$2,615,000	\$2,404,664	\$3,915,000	\$8,934,664
Regional/ Multi-County	WETA	Transit	WETA: Facilities Rehabilitation	Maintenance/ Rehabilitation	REG110020	\$66,103			\$264,411	\$330,514
Regional/ Multi-County	WETA	Transit	WETA: COVID-19 Emergency Transit Operations	Operations	VAR190008				\$18,756,858	\$18,756,858
Regional/ Multi-County	WETA	Transit	WETA: Ferry Channel & Berth Dredging	Maintenance/ Rehabilitation	REG090054	\$659,000	\$620,000		\$5,116,000	\$6,395,000
Regional/ Multi-County	WETA	Transit	WETA: Ferry Major Component Rehab/Replacement	Maintenance/ Rehabilitation	REG090057	\$1,841,037	\$4,968,883		\$22,274,542	\$29,084,462
Regional/ Multi-County	WETA	Transit	WETA: Ferry Propulsion System Replacement	Maintenance/ Rehabilitation	REG090055	\$4,873,000	\$1,292,000		\$24,652,000	\$30,817,000
Regional/ Multi-County	WETA	Transit	WETA: Fixed Guideway Connectors	Maintenance/ Rehabilitation	REG090067	\$2,526,537	\$400,000		\$11,699,015	\$14,625,552
<b>Regional/ Multi-County</b>						<b>\$8,180,698,862</b>	<b>\$1,582,156,013</b>	<b>\$6,009,779,819</b>	<b>\$3,399,359,789</b>	<b>\$19,171,994,483</b>
<b>Bay Area Total</b>						<b>\$31,610,090,774</b>	<b>\$2,736,130,587</b>	<b>\$11,979,575,718</b>	<b>\$11,854,022,084</b>	<b>\$58,179,819,163</b>

**TIP Project Listings - Funding by Year**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Alameda	AC Transit	Transit	Expansion	ALA150004	AC Transit: East Bay Bus Rapid Transit	\$205,569,113						\$205,569,113
Alameda	AC Transit	Transit	Expansion	ALA150052	AC Transit: SFOBB Forward	\$12,425,167						\$12,425,167
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA010034	AC Transit: Facilities Upgrade	\$55,663,370						\$55,663,370
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA150038	AC Transit: Purchase (10) Double-Deck Diesel Buses	\$10,248,896						\$10,248,896
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA150039	AC Transit: Purchase (10) 40' Buses-Fuel Cell ZEB	\$7,710,000				\$5,087,000		\$12,797,000
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA150045	AC Transit: PM - Exchange for 40ft Fuel Cell ZEB	\$5,936,700						\$5,936,700
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA170027	AC Transit: Purchase 36 Coach Buses (MCIs)	\$29,356,351						\$29,356,351
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA170028	AC Transit: Purchase (35) 40ft Diesel Buses	\$18,795,000						\$18,795,000
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA170029	AC Transit: Preventive Maintenance (Swap)	\$22,650,000						\$22,650,000
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA170030	AC Transit: Preventive Maintenance (Deferred Comp)	\$975,800						\$975,800
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA170041	AC Transit: 5 Battery Electric Bus purchase	\$6,377,448						\$6,377,448
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA170081	AC Transit: AC Transit: Replace 50 40-ft Diesels	\$28,887,533						\$28,887,533
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA170082	AC Transit: Purchase 40 Zero-Emission Buses	\$42,381,448						\$42,381,448
Alameda	AC Transit	Transit	Maintenance/ Rehabilitation	ALA990052	AC Transit: Paratransit Van Replacement	\$27,177,968						\$27,177,968
Alameda	AC Transit	Transit	Operations	ALA190023	AC Transit: COVID-19 Emergency Transit Operations	\$80,366,395	\$33,793,809					\$114,160,204
Alameda	AC Transit	Transit	Operations	ALA990076	AC Transit: ADA Paratransit Assistance	\$133,820,056						\$133,820,056
Alameda	AC Transit	Transit	System Management	ALA150020	AC Transit: South County Corridors	\$5,858,584						\$5,858,584
Alameda	AC Transit	Transit	System Management	ALA170059	San Pablo and Telegraph Ave Rapid Bus Upgrades	\$10,000,000						\$10,000,000
Alameda	ACE	Transit	Expansion	ALA170042	ACE Platform Extensions	\$2,944,000	\$8,456,000					\$11,400,000
Alameda	ACE	Transit	Maintenance/ Rehabilitation	ALA010056	ACE Track Improvements.	\$17,161,681					\$1,000,000	\$18,161,681
Alameda	ACE	Transit	Maintenance/ Rehabilitation	ALA110099	ACE Preventative Maintenance	\$3,224,251					\$1,000,000	\$4,224,251
Alameda	ACE	Transit	Maintenance/ Rehabilitation	ALA170079	ACE: Railcar Midlife Overhaul	\$7,700,000	\$7,367,932					\$15,067,932
Alameda	ACE	Transit	Operations	ALA170048	ACE Fixed Guideway (Capital Lease)	\$5,922,300	\$2,212,500					\$8,134,800
Alameda	ACTC	Local Road	Maintenance/ Rehabilitation	ALA170085	7th Street Grade Separation East	\$204,000,000				\$48,000,000		\$252,000,000
Alameda	ACTC	Local Road	Maintenance/ Rehabilitation	ALA170086	7th Street Grade Separation West	\$21,000,000				\$144,000,000		\$165,000,000
Alameda	ACTC	Local Road	System Management	ALA110033	Alameda County Safe Routes to School	\$24,568,665						\$24,568,665
Alameda	ACTC	Local Road	System Management	ALA170087	Freight Intelligent Transportation System (FITS)	\$30,621,364						\$30,621,364
Alameda	ACTC	Public Lands/ Trails	Expansion	ALA150008	East Bay Greenway	\$6,501,000				\$197,000,000		\$203,501,000
Alameda	ACTC	State Highway	Expansion	ALA050014	SR 84 Expressway Widening	\$120,319,000						\$120,319,000
Alameda	ACTC	State Highway	Expansion	ALA050019	I-880 North Safety Improvements	\$108,630,000						\$108,630,000
Alameda	ACTC	State Highway	Expansion	ALA050079	I-80 Gilman Interchange Improvements	\$11,984,880	\$49,739,000					\$61,723,880
Alameda	ACTC	State Highway	Expansion	ALA130034	I-680 NB HOV/HOT Lane	\$198,198,000						\$198,198,000
Alameda	ACTC	State Highway	Expansion	ALA150001	Rte 84 Widening, south of Ruby Hill Dr to I-680	\$43,506,000	\$200,594,000					\$244,100,000
Alameda	ACTC	State Highway	Expansion	ALA170005	I-880/Whipple Rd Industrial Pkwy SW I/C Imps	\$14,825,000		\$45,175,000			\$20,000,000	\$80,000,000
Alameda	ACTC	State Highway	Expansion	ALA170008	I-580/680 Interchange HOV/HOT Widening	\$8,000,000				\$292,000,000		\$300,000,000
Alameda	ACTC	State Highway	Expansion	ALA170009	I-680 Express Lane Gap Closure: SR-84 to Alcosta	\$33,500,000		\$2,000,000			\$444,500,000	\$480,000,000
Alameda	ACTC	State Highway	Expansion	ALA170010	I-880 NB HOV/HOT: North of Hacienda to Hegenberger	\$1,500,000	\$3,500,000				\$216,000,000	\$221,000,000
Alameda	ACTC	State Highway	Expansion	ALA978004	East-West Connector in Fremont & Union City	\$103,165,710					\$132,834,290	\$236,000,000
Alameda	ACTC	State Highway	System Management	ALA070009	Oakland/Alameda Access Project	\$8,600,000		\$1,000,000			\$73,400,000	\$83,000,000
Alameda	ACTC	State Highway	System Management	ALA170002	I-80/Ashby Avenue Interchange Improvements	\$7,500,000	\$2,000,000				\$44,060,000	\$53,560,000
Alameda	Alameda	Local Road	Expansion	ALA150007	Cross Alameda Trail (includes SRTS component)	\$2,521,000						\$2,521,000
Alameda	Alameda	Local Road	Maintenance/ Rehabilitation	ALA170074	Alameda City-Wide Pavement Rehabilitation	\$60,000		\$999,000				\$1,059,000
Alameda	Alameda	Local Road	System Management	ALA170073	Clement Avenue Complete Streets	\$641,000		\$5,029,000				\$5,670,000
Alameda	Alameda	State Highway	System Management	ALA170049	Central Avenue Safety Improvements	\$737,000	\$300,000	\$11,177,000				\$12,214,000
Alameda	Alameda County	Local Road	Maintenance/ Rehabilitation	ALA090022	Estuary Bridges Seismic Retrofit and Repairs	\$1,500,000		\$262,000			\$3,138,000	\$4,900,000
Alameda	Alameda County	Local Road	Maintenance/ Rehabilitation	ALA090023	Fruitvale Ave Roadway Bridge Lifeline	\$1,500,000	\$500,000	\$500,000			\$9,500,000	\$12,000,000
Alameda	Alameda County	Local Road	Maintenance/ Rehabilitation	ALA130018	Alameda Co-Variou Streets and Roads Preservation	\$4,326,000		\$2,453,000				\$6,779,000
Alameda	Alameda County	Local Road	System Management	ALA170047	Active Oakland: A Comprehensive SR2S Program	\$977,000						\$977,000
Alameda	Alameda County	Local Road	System Management	ALA190006	Alameda County - Vasco Road Safety Improvements	\$1,302,964						\$1,302,964
Alameda	Alameda County	Local Road	System Management	ALA190015	Active and Safe Oakland	\$999,000						\$999,000
Alameda	Alameda County	Local Road	System Management	ALA190019	Alameda County Complete Street Improvements	\$1,650,000			\$14,950,000		\$6,450,000	\$23,050,000
Alameda	Alameda County	Local Road	System Management	ALA190022	E14th St/Mission Blvd Corridor Improvements	\$2,279,940		\$9,425,000			\$15,575,000	\$27,279,940
Alameda	Alameda County	Public Lands/ Trails	Expansion	ALA190021	Niles Canyon Trail, Phase I	\$2,321,000		\$100,000			\$26,480,000	\$28,901,000
Alameda	Albany	Local Road	System Management	ALA170088	San Pablo Ave & Buchanan St Pedestrian Imps.	\$935,086	\$340,000				\$4,000,000	\$5,275,086
Alameda	Albany	Public Lands/ Trails	System Management	ALA190016	Ohlone Greenway Trail Safety Improvements	\$665,000						\$665,000
Alameda	BAIFA	Tollway	System Management	ALA170006	ALA-880 Express Lanes	\$132,500,000						\$132,500,000
Alameda	BART	Transit	Expansion	ALA110003	Hayward Shop and Yard Expansion	\$160,499,000						\$160,499,000
Alameda	BART	Transit	Expansion	ALA130032	BART Metro Priority Track Elements	\$8,500,057						\$8,500,057
Alameda	BART	Transit	Maintenance/ Rehabilitation	ALA090065	BART: Fare Collection Equipment	\$62,102,214						\$62,102,214
Alameda	BART	Transit	Maintenance/ Rehabilitation	ALA090068	MacArthur BART Plaza Remodel	\$6,972,527						\$6,972,527
Alameda	BART	Transit	Maintenance/ Rehabilitation	ALA190014	BART-Elevator Renovation program	\$8,750,000	\$8,750,000					\$17,500,000
Alameda	BART	Transit	Operations	ALA190025	BART: COVID-19 Emergency Transit Operations	\$251,637,050	\$125,416,405					\$377,053,455
Alameda	BART	Transit	System Management	ALA170044	Bay Fair Connection	\$5,600,000	\$47,341,000		\$47,059,000		\$50,000,000	\$150,000,000
Alameda	BART	Transit	System Management	ALA170055	19th Street BART Station Modernization-GO Uptown	\$29,438,837						\$29,438,837
Alameda	Berkeley	Local Road	Expansion	ALA170094	Berkeley - Sacramento St Complete Streets Imps	\$1,814,000						\$1,814,000
Alameda	Berkeley	Local Road	System Management	ALA130026	Shattuck Complete Streets and De-couplet	\$6,598,481						\$6,598,481
Alameda	Berkeley	Local Road	System Management	ALA130028	Hearst Avenue Complete Streets	\$3,524,000						\$3,524,000
Alameda	Berkeley	Local Road	System Management	ALA150049	goBerkeley Residential Shared Parking Pilot	\$1,420,000						\$1,420,000
Alameda	Berkeley	Local Road	System Management	ALA170054	John Muir Safe Routes to School	\$374,080						\$374,080
Alameda	Berkeley	Local Road	System Management	ALA170067	Southside Complete Streets & Transit Improvement	\$1,129,561			\$8,285,329			\$9,414,890
Alameda	Berkeley	Public Lands/ Trails	Expansion	ALA130035	Bay Trail Shoreline Access Staging Area	\$2,139,635						\$2,139,635

**TIP Project Listings - Funding by Year  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Alameda	Berkeley	Public Lands/ Trails	Expansion	ALA150048	9th St Bicycle Blvd Extension Pathway Ph II	\$895,000						\$895,000
Alameda	Caltrans	State Highway	System Management	ALA170060	GL: Alameda County - TOS-Mobility	\$117,577,000	\$270,000					\$117,847,000
Alameda	Dublin	Local Road	Expansion	ALA130005	Dougherty Road widening	\$18,990,000						\$18,990,000
Alameda	Dublin	Local Road	Expansion	ALA130006	Dublin Boulevard widening	\$4,330,000						\$4,330,000
Alameda	Dublin	Local Road	Expansion	ALA150003	Dublin Blvd. - North Canyons Pkwy Extension	\$9,502,940		\$100,000			\$78,650,000	\$88,252,940
Alameda	Dublin	Local Road	Maintenance/ Rehabilitation	ALA170062	Dublin Blvd Rehabilitation	\$55,000		\$945,000				\$1,000,000
Alameda	Dublin	State Highway	Expansion	ALA170045	I-580 Interchange Imps at Hacienda/Fallon Rd, Ph 2	\$700,000		\$700,000			\$56,600,000	\$58,000,000
Alameda	EB Reg Park Dis	Public Lands/ Trails	Expansion	ALA170077	Doolittle Drive Bay Trail	\$1,300,000	\$9,800,000					\$11,100,000
Alameda	Emeryville	Local Road	Maintenance/ Rehabilitation	ALA170072	Frontage Rd, 65th St and Powell St Pavement Maint	\$15,000	\$255,000					\$270,000
Alameda	Emeryville	Local Road	System Management	ALA170093	Emeryville Quiet Zone Safety Engineering Measures	\$6,000,000						\$6,000,000
Alameda	Fremont	Local Road	System Management	ALA130001	Kato Rd Complete Sts - Warren Ave to Milmont Dr	\$400,000				\$12,290,000		\$12,690,000
Alameda	Fremont	Local Road	System Management	ALA170076	Centerville Complete Streets of Relinquished SR84	\$1,339,000		\$7,354,000				\$8,693,000
Alameda	Fremont	State Highway	Expansion	ALA170001	State Route 262 (Mission Blvd) Improvements	\$6,500,000	\$500,000	\$500,000			\$104,500,000	\$112,000,000
Alameda	Hayward	Local Road	Maintenance/ Rehabilitation	ALA170066	Winton Ave Complete Street	\$101,200	\$1,878,660					\$1,979,860
Alameda	Hayward	Local Road	System Management	ALA170065	Hayward - Main Street Complete Street	\$350,000	\$1,875,000					\$2,225,000
Alameda	Hayward	State Highway	Expansion	ALA090016	Rt 92/Clawiter/Whitesell Interchange Improvements	\$12,700,000					\$42,300,000	\$55,000,000
Alameda	Hayward	State Highway	Expansion	ALA090020	I-880 Auxiliary lanes at Industrial Parkway	\$1,510,000					\$8,290,000	\$9,800,000
Alameda	Hayward	State Highway	Expansion	ALA110002	I-880/Industrial Parkway West Interchange	\$14,675,000		\$29,325,000			\$13,000,000	\$57,000,000
Alameda	Hayward	State Highway	Expansion	ALA170004	I-880/West Winton Avenue Interchange	\$7,000,000		\$2,000,000			\$32,000,000	\$41,000,000
Alameda	Hayward	State Highway	Expansion	ALA170046	I-880/A Street Interchange Reconstruction	\$1,500,000		\$500,000			\$52,000,000	\$54,000,000
Alameda	LAVTA	Transit	Maintenance/ Rehabilitation	ALA030030	LAVTA: Preventive Maintenance	\$13,334,308						\$13,334,308
Alameda	LAVTA	Transit	Maintenance/ Rehabilitation	ALA150031	LAVTA: Replacement (11) 40' Hybrid Buses	\$8,693,025						\$8,693,025
Alameda	LAVTA	Transit	Maintenance/ Rehabilitation	ALA150032	LAVTA: Replacement (9) 30' Hybrid Buses	\$6,697,350						\$6,697,350
Alameda	LAVTA	Transit	Maintenance/ Rehabilitation	ALA170091	Livermore Transit Center Rehab and Improvement	\$623,000						\$623,000
Alameda	LAVTA	Transit	Maintenance/ Rehabilitation	ALA190005	Hybrid Bus Battery Pack Replacement	\$1,000,001						\$1,000,001
Alameda	LAVTA	Transit	Operations	ALA190026	LAVTA: COVID-19 Emergency Transit Operations	\$3,501,369	\$3,317,752					\$6,819,121
Alameda	LAVTA	Transit	Operations	ALA990077	LAVTA: ADA Paratransit Operating Subsidy	\$8,525,977						\$8,525,977
Alameda	LAVTA	Transit	System Management	ALA150035	LAVTA: Farebox Replacement	\$497,803						\$497,803
Alameda	Livermore	Local Road	Maintenance/ Rehabilitation	ALA170068	Livermore Pavement Rehabilitation - MTS Routes	\$1,952,000						\$1,952,000
Alameda	MTC	Local Road	Expansion	ALA110104	Bay Bridge Park	\$5,500,000	\$11,000,000					\$16,500,000
Alameda	MTC	Local Road	Expansion	ALA130030	Improved Bike/Ped Access to East Span of SFOBB	\$4,500,000		\$2,000,000			\$30,000,000	\$36,500,000
Alameda	MTC	Local Road	System Management	ALA170007	Regional Planning Activities and PPM - Alameda	\$11,201,159	\$1,628,000				\$394,000	\$13,223,159
Alameda	MTC	Local Road	System Management	ALA170012	Bay Bridge Forward-Commuter Parking Access Imps.			\$820,000				\$820,000
Alameda	MTC	Local Road	System Management	ALA170040	I-880 Integrated Corridor Management North Segment	\$20,478,000						\$20,478,000
Alameda	MTC	Local Road	System Management	ALA170057	I-880 Integrated Corridor Management - Central	\$1,142,000	\$1,498,000				\$6,200,000	\$8,840,000
Alameda	MTC	State Highway	System Management	ALA170011	Bay Bridge Forward - West Grand HOV/Bus Only Lane	\$5,977,000						\$5,977,000
Alameda	MTC	State Highway	System Management	ALA190018	Freeway Performance Program: Alameda I-580	\$625,000						\$625,000
Alameda	MTC	Transit	System Management	ALA170058	Bay Bridge Forward: West Grand TSP	\$1,000,000						\$1,000,000
Alameda	Newark	Local Road	Maintenance/ Rehabilitation	ALA170061	Thornton Avenue Pavement Rehabilitation	\$876,000						\$876,000
Alameda	Oakland	Local Road	Expansion	ALA130003	Lake Merritt to Bay Trail Bike/Ped Bridge	\$4,043,000		\$100,000	\$1,000,000		\$14,069,000	\$19,212,000
Alameda	Oakland	Local Road	Expansion	ALA170043	Oakland - 14th Street Safe Routes in the City	\$14,032,000						\$14,032,000
Alameda	Oakland	Local Road	Expansion	ALA170051	Fruitvale Alive Bike/Ped Gap Closure	\$1,566,000	\$8,529,000					\$10,095,000
Alameda	Oakland	Local Road	Expansion	ALA170063	Lakeside Family Streets	\$453,000	\$4,962,000					\$5,415,000
Alameda	Oakland	Local Road	Expansion	ALA991081	42nd Ave. & High St. I-880 Access Improv.	\$17,790,000						\$17,790,000
Alameda	Oakland	Local Road	Maintenance/ Rehabilitation	ALA150010	International Boulevard Improvement Project	\$6,254,000						\$6,254,000
Alameda	Oakland	Local Road	Maintenance/ Rehabilitation	ALA170064	Oakland Various Streets Improvements	\$636,000		\$5,529,200				\$6,165,200
Alameda	Oakland	Local Road	System Management	ALA110072	Lake Merritt Improvement Project	\$827,900						\$827,900
Alameda	Oakland	Local Road	System Management	ALA130024	Lakeside Complete Streets and Road Diet	\$15,705,000						\$15,705,000
Alameda	Oakland	Local Road	System Management	ALA150012	Laurel Access to Mills, Maxwell Park and Seminary	\$7,056,925						\$7,056,925
Alameda	Oakland	Local Road	System Management	ALA150042	Oakland: Telegraph Ave Bike/Ped Imps and Road Diet	\$1,493,900						\$1,493,900
Alameda	Oakland	Local Road	System Management	ALA150043	Oakland: Shattuck and Claremont Bike/Ped Imps	\$1,560,100						\$1,560,100
Alameda	Oakland	Local Road	System Management	ALA150044	19th St BART to Lake Merritt Urban Greenway	\$4,683,000						\$4,683,000
Alameda	Oakland	Local Road	System Management	ALA150047	Oakland: Telegraph Avenue Complete Streets	\$877,000	\$4,037,000					\$4,914,000
Alameda	Oakland	Local Road	System Management	ALA150050	Oakland Parking and Mobility Management	\$1,584,050						\$1,584,050
Alameda	Oakland	Local Road	System Management	ALA170052	Oakland Fruitvale Ave Bike/Ped Imprvmnts H8-04-014	\$1,466,507						\$1,466,507
Alameda	Oakland	Local Road	System Management	ALA170053	Oakland 35th Ave Bike/Ped Improvements H8-04-015	\$2,903,800						\$2,903,800
Alameda	Oakland	Local Road	System Management	ALA170078	Oakland - Crossing to Safety	\$2,117,000						\$2,117,000
Alameda	Oakland	Port/Freight Rail	Expansion	ALA110046	Oakland Army Base Infrastructure Improvements	\$266,580,000					\$34,000,000	\$300,580,000
Alameda	Piedmont	Local Road	Maintenance/ Rehabilitation	ALA170084	Piedmont - Oakland Avenue Improvements	\$60,000		\$449,000				\$509,000
Alameda	Pleasanton	Local Road	Maintenance/ Rehabilitation	ALA170070	Pavement Rehabilitation Hacienda Business Park	\$2,777,270						\$2,777,270
Alameda	Pleasanton	Local Road	System Management	ALA190020	I-680/Sunol Interchange Improvements	\$1,650,000	\$2,500,000				\$26,100,000	\$30,250,000
Alameda	San Leandro	Local Road	Expansion	ALA050002	SR 185- E. 14th St/ Hesperian Blvd/150th Ave	\$2,859,449	\$2,629,879	\$851,643			\$891,299	\$7,232,270
Alameda	San Leandro	Local Road	Maintenance/ Rehabilitation	ALA170075	San Leandro Washington Avenue Rehabilitation	\$83,000	\$1,102,000					\$1,185,000
Alameda	SJRC	Transit	Operations	ALA190024	ACE: COVID-19 Emergency Transit Operations	\$2,680,453						\$2,680,453
Alameda	Union C Transit	Transit	Maintenance/ Rehabilitation	ALA170014	Union City Paratransit Van Procurement	\$1,032,000						\$1,032,000
Alameda	Union C Transit	Transit	Maintenance/ Rehabilitation	ALA190029	Union City Transit Electric Bus Procurement		\$7,194,282				\$2,800,000	\$9,994,282
Alameda	Union C Transit	Transit	Operations	ALA170039	Union City: ADA Paratransit Operating Subsidy	\$674,664						\$674,664
Alameda	Union C Transit	Transit	Operations	ALA190027	Union City Transit: COVID-19 Emergency Transit Ops	\$922,560	\$1,023,851					\$1,946,411
Alameda	Union C Transit	Transit	System Management	ALA170013	Union City Transit Travel Time Improvements	\$181,393						\$181,393
Alameda	Union City	Local Road	Maintenance/ Rehabilitation	ALA170071	Union City-Dyer Street Pavement Rehabilitation	\$55,000	\$985,000					\$1,040,000
<b>Alameda County</b>						<b>\$3,059,155,215</b>	<b>\$555,296,070</b>	<b>\$129,293,843</b>	<b>\$71,294,329</b>	<b>\$2,248,108,589</b>		<b>\$6,063,148,046</b>

**TIP Project Listings - Funding by Year  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Contra Costa	Antioch	Local Road	Expansion	CC-070008	Laurel Road Extension	\$950,000					\$10,000,000	\$10,950,000
Contra Costa	Antioch	Local Road	Expansion	CC-070009	Slatten Ranch Road Extension Phase I	\$3,950,000						\$3,950,000
Contra Costa	Antioch	Local Road	Maintenance/ Rehabilitation	CC-170036	Antioch Pavement Rehabilitation	\$3,200,000						\$3,200,000
Contra Costa	Antioch	Local Road	System Management	CC-170035	Antioch - L Street Pathway to Transit	\$350,000		\$2,896,000				\$3,246,000
Contra Costa	BAIFA	Tollway	System Management	CC-170002	CC-680 Northern Segment Express Lane - Southbound	\$53,598,000						\$53,598,000
Contra Costa	BART	Transit	Expansion	CC-050025	BART to Antioch - East Contra Costa Rail Extension	\$459,911,000						\$459,911,000
Contra Costa	BART	Transit	Expansion	CC-130002	eBART Railroad Avenue Station	\$13,400,000						\$13,400,000
Contra Costa	BART	Transit	Maintenance/ Rehabilitation	CC-150019	Concord Yard Wheel Truing Facility	\$14,000,000						\$14,000,000
Contra Costa	BART	Transit	Maintenance/ Rehabilitation	CC-170060	Concord BART Station Modernization	\$3,500,000	\$9,500,000					\$13,000,000
Contra Costa	BART	Transit	System Management	CC-110082	Walnut Creek BART TOD Access Improvements	\$11,050,000						\$11,050,000
Contra Costa	BART	Transit	System Management	CC-170024	El Cerrito del Norte BART Station Modernization	\$30,168,407						\$30,168,407
Contra Costa	Brentwood	Local Road	Expansion	CC-070011	Brentwood Boulevard Widening - North (Phase I)	\$205,000					\$6,495,000	\$6,700,000
Contra Costa	Brentwood	Local Road	Expansion	CC-070013	Lone Tree Way Undercrossing	\$3,510,000					\$12,490,000	\$16,000,000
Contra Costa	Brentwood	Local Road	Expansion	CC-170015	Brentwood Boulevard Widening - North (Phase II)	\$820,000					\$8,680,000	\$9,500,000
Contra Costa	Brentwood	Local Road	Maintenance/ Rehabilitation	CC-170034	Brentwood Various Streets and Roads Preservation	\$74,000	\$770,000					\$844,000
Contra Costa	CC County	Local Road	Expansion	CC-070075	Kirker Pass Road NB Truck Climbing Lanes	\$18,317,000						\$18,317,000
Contra Costa	CC County	Local Road	Expansion	CC-070081	Byron Highway - Vasco Road Connection	\$950,000					\$39,050,000	\$40,000,000
Contra Costa	CC County	Local Road	Expansion	CC-130003	Bailey Road Bike and Pedestrian Improvements	\$1,738,000					\$3,036,000	\$4,774,000
Contra Costa	CC County	Local Road	Expansion	CC-130027	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades	\$1,722,700						\$1,722,700
Contra Costa	CC County	Local Road	Expansion	CC-150010	CC County - Rio Vista Elementary Ped Connection	\$905,000						\$905,000
Contra Costa	CC County	Local Road	Expansion	CC-170016	Camino Tassajara Realignment, S of Windemere Pkwy	\$3,000,000					\$14,000,000	\$17,000,000
Contra Costa	CC County	Local Road	Expansion	CC-170020	Fred Jackson Way First Mile/Last Mile Connection	\$1,756,000	\$2,937,000					\$4,693,000
Contra Costa	CC County	Local Road	Expansion	CC-170021	Pacheco Blvd Sidewalk Gap Closure Phase 3	\$1,359,000						\$1,359,000
Contra Costa	CC County	Local Road	Maintenance/ Rehabilitation	CC-170028	Kirker Pass Road Open Grade Overlay	\$2,395,000						\$2,395,000
Contra Costa	CC County	Local Road	System Management	CC-050030	Vasco Road Safety Improvements	\$17,993,977	\$100,000				\$15,000,000	\$33,093,977
Contra Costa	CC County	Local Road	System Management	CC-130001	Bailey Road-State Route 4 Interchange	\$5,195,000						\$5,195,000
Contra Costa	CC County	Local Road	System Management	CC-170029	West County Walk and Bike Leaders	\$634,000						\$634,000
Contra Costa	CC County	Local Road	System Management	CC-190012	Treat Boulevard Corridor Improvements		\$70,000	\$314,000		\$1,758,000		\$2,142,000
Contra Costa	CCCTA	Transit	Maintenance/ Rehabilitation	CC-150006	CCCTA: Replace 18 30' Buses	\$11,916,189						\$11,916,189
Contra Costa	CCCTA	Transit	Maintenance/ Rehabilitation	CC-150007	CCCTA: Replace 13 35' Buses	\$6,382,675						\$6,382,675
Contra Costa	CCCTA	Transit	Maintenance/ Rehabilitation	CC-170051	CCCTA Replace 42 Ford Cutaways - 22"	\$5,381,250						\$5,381,250
Contra Costa	CCCTA	Transit	Maintenance/ Rehabilitation	CC-170053	CCCTA Replace 3 Gasoline 7-Year Paratransit Vans	\$159,000						\$159,000
Contra Costa	CCCTA	Transit	Operations	CC-190013	CCCTA: COVID-19 Emergency Transit Operations	\$7,067,680	\$4,745,001					\$11,812,681
Contra Costa	CCCTA	Transit	Operations	CC-99T001	CCCTA: ADA Paratransit Assistance	\$23,696,482						\$23,696,482
Contra Costa	CCCTA	Transit	System Management	CC-130045	CCCTA: Access Improvements Implementation	\$778,650						\$778,650
Contra Costa	CCCTA	Transit	System Management	CC-150012	REMIX Software Implementation Project	\$40,281						\$40,281
Contra Costa	CCTA	Local Road	Expansion	CC-070067	Mokelumne Trail Bike/Ped Overcrossing	\$1,072,000					\$10,400,000	\$11,472,000
Contra Costa	CCTA	Local Road	System Management	CC-150009	CCTA - Carshare 4 All	\$708,327						\$708,327
Contra Costa	CCTA	Local Road	System Management	CC-190017	CCTA Automated Driving System		\$2,798,512	\$5,323,494	\$5,923,994			\$14,046,000
Contra Costa	CCTA	State Highway	Expansion	CC-010023	I-680/SR 4 I/C Reconstruction - Ph 1 & 2a						\$236,000,000	\$236,000,000
Contra Costa	CCTA	State Highway	Expansion	CC-070035	Reconstruct I-80/San Pablo Dam Rd Interchange	\$45,820,000		\$9,200,000			\$63,908,000	\$118,928,000
Contra Costa	CCTA	State Highway	Expansion	CC-110066	SR 239 - New State Highway Study	\$15,941,010					\$10,000,000	\$25,941,010
Contra Costa	CCTA	State Highway	System Management	CC-150013	SR 4 Integrated Corridor Management	\$600,000					\$14,400,000	\$15,000,000
Contra Costa	CCTA	State Highway	System Management	CC-170017	I-680 NB Express Lane Completion	\$17,000,000			\$4,000,000		\$369,000,000	\$390,000,000
Contra Costa	CCTA	State Highway	System Management	CC-170018	SR-4 Operational Improvements - Initial Phases	\$2,100,000		\$8,993,000		\$3,000,000	\$129,907,000	\$144,000,000
Contra Costa	CCTA	State Highway	System Management	CC-170062	I-680 Advanced Technologies		\$1,200,000			\$2,000,000	\$49,500,000	\$52,700,000
Contra Costa	CCTA	State Highway	System Management	CC-190018	Bay Area MOD		\$17,828,213					\$17,828,213
Contra Costa	CCTA	Transit	Operations	CC-170061	I-680 Part Time Transit Lane	\$1,100,000	\$900,000				\$8,100,000	\$10,100,000
Contra Costa	Clayton	Local Road	Maintenance/ Rehabilitation	CC-170047	Clayton Neighborhood Street Rehab	\$25,000		\$368,000				\$393,000
Contra Costa	Concord	Local Road	Expansion	CC-130006	Concord BART Station Bike/Ped Access Improvements	\$1,825,000						\$1,825,000
Contra Costa	Concord	Local Road	Maintenance/ Rehabilitation	CC-170037	Concord Willow Pass Road Repaving SR2T	\$1,545,000		\$6,125,000				\$7,670,000
Contra Costa	Concord	Local Road	System Management	CC-170022	Commerce Ave Complete Streets	\$2,615,000						\$2,615,000
Contra Costa	Concord	Local Road	System Management	CC-170050	Downtown Corridors Bike/Pedestrian Improvements	\$729,000					\$3,622,000	\$4,351,000
Contra Costa	Concord	Public Lands/ Trails	Expansion	CC-170039	Monument Boulevard Class I Path	\$982,000	\$32,000	\$4,315,000				\$5,329,000
Contra Costa	Concord	State Highway	Expansion	CC-070024	SR 242 / Clayton Road Interchange Improvements	\$4,990,000					\$61,010,000	\$66,000,000
Contra Costa	Danville	Local Road	Expansion	CC-130038	Vista Grande Street Pedestrian Improvements/SR2S	\$207,275						\$207,275
Contra Costa	Danville	Local Road	Expansion	CC-170001	San Ramon Valley Blvd Slurry Seal and Striping	\$953,046						\$953,046
Contra Costa	Danville	Local Road	Maintenance/ Rehabilitation	CC-170058	Camino Ramon Improvements	\$149,355		\$1,934,016				\$2,083,371
Contra Costa	EB Reg Park Dis	Public Lands/ Trails	Expansion	CC-190019	SF Bay Trail Point Molate	\$920,500	\$1,000,000				\$2,100,000	\$4,020,500
Contra Costa	ECCTA	Transit	Expansion	CC-190010	ECCTA: Oakley Park and Ride	\$6,400,000						\$6,400,000
Contra Costa	ECCTA	Transit	Maintenance/ Rehabilitation	CC-070092	ECCTA: Transit Bus Replacements	\$42,210,286						\$42,210,286
Contra Costa	ECCTA	Transit	Operations	CC-030035	Tri-Delta: ADA Operating Assistance	\$12,104,559						\$12,104,559
Contra Costa	ECCTA	Transit	Operations	CC-190014	ECCTA: COVID-19 Emergency Transit Operations	\$3,891,364	\$4,133,274					\$8,024,638
Contra Costa	ECCTA	Transit	System Management	CC-150020	ECCTA: Non-ADA Paratransit to FR Incentive Program	\$1,021,621						\$1,021,621
Contra Costa	El Cerrito	Local Road	Maintenance/ Rehabilitation	CC-170030	Carlson Blvd and Central Ave Pavement Rehab	\$970,000						\$970,000
Contra Costa	El Cerrito	Local Road	System Management	CC-070046	El Cerrito del Norte Area TOD Complete Street Imps	\$760,000	\$1,696,000	\$5,000	\$6,715,680			\$9,176,680
Contra Costa	Hercules	Local Road	Maintenance/ Rehabilitation	CC-170043	Hercules -Sycamore/Willow Pavement Rehabilitation			\$640,000				\$640,000
Contra Costa	Hercules	Transit	Expansion	CC-030002	Hercules Intercity Rail Station	\$33,486,000					\$62,900,000	\$96,386,000
Contra Costa	Lafayette	Local Road	Maintenance/ Rehabilitation	CC-170033	Pleasant Hill Rd Pavement Rehab & Maintenance	\$656,000						\$656,000
Contra Costa	Martinez	Local Road	Maintenance/ Rehabilitation	CC-130025	Martinez Various Streets and Roads Preservation	\$1,285,000						\$1,285,000
Contra Costa	Martinez	Local Road	Maintenance/ Rehabilitation	CC-170059	Martinez Downtown Streets Rehabilitation	\$100,000		\$1,012,000				\$1,112,000

**TIP Project Listings - Funding by Year**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Contra Costa	Moraga	Local Road	Maintenance/ Rehabilitation	CC-170046	Moraga Way and Canyon/Camino Pablo Improvements	\$2,719,000						\$2,719,000
Contra Costa	MTC	Local Road	System Management	CC-170004	Regional Planning Activities and PPM - CC County	\$6,422,553	\$355,000	\$356,000	\$356,000	\$68,000	\$275,000	\$7,832,553
Contra Costa	MTC	State Highway	System Management	CC-190011	Richmond-San Rafael Bridge Bicycle Access	\$500,000						\$500,000
Contra Costa	Oakley	Local Road	Maintenance/ Rehabilitation	CC-170041	Oakley Street Repair and Resurfacing	\$1,591,000						\$1,591,000
Contra Costa	Oakley	Transit	System Management	CC-170019	Civic Center Railroad Platform Park & Ride Complex	\$600,000					\$7,400,000	\$8,000,000
Contra Costa	Orinda	Local Road	Maintenance/ Rehabilitation	CC-170032	Orinda Way Pavement Rehabilitation	\$30,000	\$720,000					\$750,000
Contra Costa	Pinole	Local Road	Maintenance/ Rehabilitation	CC-170048	Pinole - San Pablo Avenue Rehabilitation	\$77,000	\$586,000					\$663,000
Contra Costa	Pittsburg	Local Road	Expansion	CC-170040	Pittsburg BART Pedestrian and Bicycle Connectivity	\$693,000	\$3,827,000					\$4,520,000
Contra Costa	Pittsburg	Local Road	Maintenance/ Rehabilitation	CC-170042	City of Pittsburg Pavement Improvements	\$315,000	\$2,410,000					\$2,725,000
Contra Costa	Pittsburg	Local Road	System Management	CC-170049	Pittsburg Active Transp. and Safe Routes Plan	\$312,000						\$312,000
Contra Costa	Pittsburg	Transit	Expansion	CC-130039	Pittsburg Multimodal Transit Station Access Imps.	\$3,937,000						\$3,937,000
Contra Costa	Pleasant Hill	Local Road	System Management	CC-170044	Pleasant Hill Road Improvements	\$4,520,000						\$4,520,000
Contra Costa	Richmond	Local Road	Expansion	CC-130047	37th Street Bicycle & Pedestrian Improvements	\$368,600						\$368,600
Contra Costa	Richmond	Local Road	Maintenance/ Rehabilitation	CC-170057	Richmond: Roadway Preservation and ADA Improvement	\$300,000	\$3,840,000					\$4,140,000
Contra Costa	Richmond	Local Road	System Management	CC-050076	I-80/Central Avenue - Local Portion	\$2,500,000	\$6,500,000		\$5,593,000			\$14,593,000
Contra Costa	Richmond	Local Road	System Management	CC-150016	The Yellow Brick Road in Richmond's Iron Triangle	\$6,452,000						\$6,452,000
Contra Costa	Richmond	Local Road	System Management	CC-170056	Lincoln Elementary SRTS Pedestrian Enhancements	\$48,000		\$562,000				\$610,000
Contra Costa	San Pablo	Local Road	Maintenance/ Rehabilitation	CC-170031	San Pablo - Giant Road Pavement Rehabilitation		\$699,000					\$699,000
Contra Costa	San Pablo	Local Road	System Management	CC-150017	Rumrill Blvd Complete Streets Improvements	\$1,160,000	\$15,088,949					\$16,248,949
Contra Costa	San Ramon	Local Road	Expansion	CC-190001	Crow Canyon Road (Alcosta to Indian Rice) Widening	\$1,412,000				\$18,663,000		\$20,075,000
Contra Costa	San Ramon	Local Road	Maintenance/ Rehabilitation	CC-170045	Alcosta Boulevard Pavement Rehab	\$400,000	\$4,675,000					\$5,075,000
Contra Costa	San Ramon	Local Road	System Management	CC-170026	San Ramon Valley Street Smarts	\$493,000						\$493,000
Contra Costa	San Ramon	Public Lands/ Trails	Expansion	CC-170014	Iron Horse Trail Bike and Pedestrian Overcrossing	\$4,262,000	\$900,000	\$16,584,000				\$21,746,000
Contra Costa	SJRC	Transit	Expansion	CC-190002	Oakley Station Platform	\$626,237	\$7,997,119					\$8,623,356
Contra Costa	Walnut Creek	Local Road	Maintenance/ Rehabilitation	CC-170025	Walnut Creek-N. Main St Rehab - I680 to California	\$970,000						\$970,000
Contra Costa	Walnut Creek	Local Road	Maintenance/ Rehabilitation	CC-170038	Ygancio Valley Road Rehabilitation	\$100,000	\$2,953,000					\$3,053,000
Contra Costa	Walnut Creek	Local Road	System Management	CC-150018	Walnut Creek-Parking Guidance System Pilot	\$933,000						\$933,000
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-030025	WCCTA: Preventive Maintenance Program	\$2,508,911						\$2,508,911
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170006	WestCAT: Replace (2) 2002 40ft Revenue Vehicles	\$1,076,000						\$1,076,000
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170007	WestCAT: Purchase 2 Fast Fare Electronic Fareboxes	\$35,623						\$35,623
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170008	WestCAT Replace (6) 2008 35ft Revenue Vehicles	\$3,348,000						\$3,348,000
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170009	WestCAT: Purchase (6) Electronic Fareboxes	\$106,868						\$106,868
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170010	WestCAT Replace 5 35ft and 4 40ft Vehicles	\$4,729,001						\$4,729,001
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170011	WestCAT: Purchase (9) Electronic Fareboxe	\$160,302						\$160,302
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170012	WestCAT - Replace (2) DAR MiniVans	\$312,000						\$312,000
Contra Costa	WCCTA	Transit	Maintenance/ Rehabilitation	CC-170013	WestCAT: Purchase of (2) Radio Systems	\$2,000						\$2,000
Contra Costa	WCCTA	Transit	Operations	CC-190015	WCCTA: COVID-19 Emergency Transit Operations	\$2,218,204	\$1,799,634					\$4,017,838
Contra Costa	WCCTA	Transit	Operations	CC-990045	WestCat: ADA Paratransit Operating Subsidy	\$4,472,171						\$4,472,171
Contra Costa	WCCTA	Transit	System Management	CC-150015	WestCAT: Purchase (1) Fast Fare Electronic Farebox	\$17,811						\$17,811
Contra Costa	WCCTA	Transit	System Management	CC-150021	WestCAT - AVL System with APC Element.	\$762,144						\$762,144
<b>Contra Costa County</b>						<b>\$973,732,059</b>	<b>\$100,060,702</b>	<b>\$58,627,510</b>	<b>\$22,588,674</b>	<b>\$6,826,000</b>	<b>\$1,155,936,000</b>	<b>\$2,317,770,945</b>
Marin	Corte Madera	Local Road	Expansion	MRN170019	Corte Madera-Paradise Drive Multiuse Path	\$372,000	\$673,000					\$1,045,000
Marin	Corte Madera	Local Road	System Management	MRN170023	Central Marin Regional Pathway Gap Closure	\$469,100						\$469,100
Marin	Fairfax	Local Road	System Management	MRN130009	Parkade Circulation and Safety Improvements	\$400,000						\$400,000
Marin	GGBHTD	Tollway	Maintenance/ Rehabilitation	MRN050018	Golden Gate Bridge Seismic Retrofit, Phase 3B	\$35,025,533	\$51,060,990		\$9,500,000		\$41,560,990	\$137,147,513
Marin	GGBHTD	Tollway	Maintenance/ Rehabilitation	MRN970016	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	\$371,219,737	\$1,937,433					\$373,157,170
Marin	GGBHTD	Tollway	System Management	MRN050019	Golden Gate Bridge-Suicide Deterrent SafetyBarrier	\$226,116,701	\$22,681,887	\$2,078,781	\$6,057,600			\$256,934,969
Marin	GGBHTD	Transit	Expansion	MRN130001	Larkspur Ferry Terminal Parking Garage			\$1,000,000				\$1,000,000
Marin	GGBHTD	Transit	Expansion	MRN190001	Golden Gate Ferry: New Vessel	\$7,999,501				\$22,000,499		\$30,000,000
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN030010	GGBHTD: Fixed Guideway Connectors	\$66,495,992						\$66,495,992
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN050025	GGBHTD: Facilities Rehabilitation	\$39,163,986						\$39,163,986
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN150005	MS Sonoma Ferry Boat Refurbishment	\$21,362,378						\$21,362,378
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN150014	GGBHTD Ferry Major Components Rehab	\$21,175,546						\$21,175,546
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN150015	GGBHTD Ferry Propulsion Systems Replacement	\$12,419,433						\$12,419,433
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN170008	GGBHTD: Replace 67 Diesel Buses with Hybrid Buses	\$65,573,025						\$65,573,025
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN170009	GGBHTD: Replace Paratransit Vehicles	\$679,515						\$679,515
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN170024	Replace 14 - 22' Gas Body-on-Chassis Vehicles	\$1,274,000						\$1,274,000
Marin	GGBHTD	Transit	Maintenance/ Rehabilitation	MRN990017	GGBHTD: Ferry Channel & Berth Dredging	\$26,144,027						\$26,144,027
Marin	GGBHTD	Transit	Operations	MRN190014	GGBHTD: COVID-19 Emergency Transit Operations	\$30,163,006	\$21,417,456					\$51,580,462
Marin	GGBHTD	Transit	System Management	MRN130015	GGBHTD - Transit Systems Enhancements	\$2,924,214						\$2,924,214
Marin	GGBHTD	Transit	System Management	MRN170013	San Rafael Transit Center Relocation	\$1,412,000				\$45,000,000		\$46,412,000
Marin	Larkspur	Public Lands/ Trails	Expansion	MRN190011	Old Redwood Highway Multi-Use Path	\$130,000	\$1,270,000					\$1,400,000
Marin	Marin County	Local Road	Maintenance/ Rehabilitation	MRN110035	Mountain View Rd Bridge Replacement - 27C0154	\$576,552	\$2,233,000					\$2,809,552
Marin	Marin County	Local Road	Maintenance/ Rehabilitation	MRN170027	Hicks Valley/MarshallPetaluma/Wilson Hill Rd Rehab	\$300,000	\$3,545,000					\$3,845,000
Marin	Marin County	Local Road	System Management	MRN190015	Marin City Pedestrian Crossing Improvements		\$34,000	\$306,000				\$340,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN110040	MCTD Preventive Maintenance	\$411,843						\$411,843
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN150003	MCTD: On Board Vehicle Equipment	\$377,075						\$377,075
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN150010	MCTD - Relocate Transit Maintenance Facility	\$7,522,249						\$7,522,249
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN150011	MCTD- Replace Shuttle Vehicles	\$1,562,150						\$1,562,150
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN150012	MCTD - Replace 13 -40ft Buses	\$9,634,000						\$9,634,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN150013	MCTD - Emergency Radio System	\$348,000						\$348,000



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County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN170003	MCTD: Replace Paratransit Vehicles	\$1,739,000						\$1,739,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN170004	MCTD: Replace Paratransit Vehicles with Vans	\$143,530						\$143,530
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN170005	MCTD: Replace Rural Cutaway Vehicles	\$616,000						\$616,000
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN170006	MCTD: Replace Articulated Vehicles	\$12,768,002						\$12,768,002
Marin	MCTD	Transit	Maintenance/ Rehabilitation	MRN170007	MCTD-Replace diesel vehicles	\$850,000						\$850,000
Marin	MCTD	Transit	Operations	MRN110041	Marin Transit Low Income Youth Pass Program	\$564,724						\$564,724
Marin	MCTD	Transit	Operations	MRN110047	MCTD: ADA Paratransit Assistance	\$7,387,791						\$7,387,791
Marin	MCTD	Transit	Operations	MRN190013	Marin Transit: COVID-19 Emergency Transit Ops	\$5,438,809	\$4,737,498					\$10,176,307
Marin	MTC	Local Road	System Management	MRN170001	Regional Planning Activities and PPM - Marin	\$4,729,181	\$305,000				\$74,000	\$5,108,181
Marin	MTC	Tollway	Expansion	MRN150009	Richmond-San Rafael Bridge Access Improvements	\$89,284,000						\$89,284,000
Marin	Natl Park Svc	Public Lands/ Trails	Expansion	MRN170028	Fort Baker's Vista Point Trail	\$100,000		\$1,500,000				\$1,600,000
Marin	Novato	Local Road	Expansion	MRN070006	Novato Boulevard Widening, Diablo to Grant	\$3,063,085					\$7,000,000	\$10,063,085
Marin	Novato	Local Road	Maintenance/ Rehabilitation	MRN150016	Vineyard Road Improvements	\$1,270,757						\$1,270,757
Marin	Novato	Local Road	Maintenance/ Rehabilitation	MRN170022	Novato-Measure A Group 10 Pavement Rehabilitation	\$2,254,000						\$2,254,000
Marin	Novato	Local Road	Maintenance/ Rehabilitation	MRN190002	Novato Annual Pavement Rehabilitation	\$1,767,000						\$1,767,000
Marin	Novato	Public Lands/ Trails	Expansion	MRN170026	Hill Recreation Area Improvements	\$898,000						\$898,000
Marin	San Anselmo	Local Road	Expansion	MRN110032	San Anselmo - Center Blvd Bridge Replace (27C0079)	\$869,200			\$1,250,000	\$4,083,800		\$6,203,000
Marin	San Anselmo	Local Road	Maintenance/ Rehabilitation	MRN170021	Sir Francis Drake Blvd Pavement Rehabilitation	\$130,000	\$1,151,100					\$1,281,100
Marin	San Anselmo	Local Road	System Management	MRN170020	San Anselmo Bike Spine	\$46,400	\$257,500					\$303,900
Marin	San Anselmo	Public Lands/ Trails	Expansion	MRN130013	Sunny Hill Ridge and Red Hill Trails	\$160,000						\$160,000
Marin	San Rafael	Local Road	Expansion	MRN150008	Grand Avenue Bicycle Pedestrian Improvements	\$2,913,003						\$2,913,003
Marin	San Rafael	Local Road	Expansion	MRN170016	Francisco Blvd West Multi-Use Pathway	\$6,231,675						\$6,231,675
Marin	San Rafael	Local Road	System Management	MRN130005	San Rafael Transit Center Pedestrian Access Imps.	\$2,675,000						\$2,675,000
Marin	San Rafael	Local Road	System Management	MRN170012	Francisco Boulevard East Sidewalk Widening	\$5,412,000	\$2,100,000					\$7,512,000
Marin	Sausalito	Local Road	System Management	MRN110010	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps	\$854,000						\$854,000
Marin	TAM	Local Road	Expansion	MRN170011	North-South Greenway Gap Closure	\$19,050,000						\$19,050,000
Marin	TAM	State Highway	Expansion	MRN050034	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)	\$241,437,000					\$111,782,000	\$353,219,000
Marin	Various	State Highway	System Management	MRN170018	GL: Marin County - TOS-Mobility	\$13,140,000						\$13,140,000
<b>Marin County</b>						<b>\$1,377,043,720</b>	<b>\$113,403,864</b>	<b>\$4,884,781</b>	<b>\$16,807,600</b>	<b>\$4,083,800</b>	<b>\$227,417,489</b>	<b>\$1,743,641,254</b>
Napa	American Canyon	Local Road	Expansion	NAP110029	Eucalyptus Drive Realignment Complete Streets	\$2,543,600	\$826,400				\$2,819,000	\$6,189,000
Napa	American Canyon	Local Road	Expansion	NAP130006	Devlin Road and Vine Trail Extension	\$3,417,000	\$4,151,000					\$7,568,000
Napa	American Canyon	Local Road	Expansion	NAP170006	Green Island Road Class I	\$79,000	\$1,000,000					\$1,079,000
Napa	Calistoga	State Highway	System Management	NAP150001	SR 128 and Petrified Forest Intersection Imp	\$701,000						\$701,000
Napa	MTC	Local Road	System Management	NAP170001	Regional Planning Activities and PPM - Napa	\$4,592,181	\$52,000	\$52,000	\$51,000	\$51,000	\$50,000	\$4,848,181
Napa	MTC	Local Road	System Management	NAP190007	Napa Valley Forward: Traffic Calming & Multimodal		\$1,000,000					\$3,000,000
Napa	MTC	Transit	System Management	NAP190004	Napa Valley Forward	\$1,100,000						\$1,100,000
Napa	Napa	Local Road	System Management	NAP110028	California Boulevard Roundabouts	\$19,353,000						\$19,353,000
Napa	Napa	Public Lands/ Trails	Expansion	NAP130004	State Route 29 Bicycle & Pedestrian Undercrossing	\$258,000	\$1,071,000					\$1,329,000
Napa	Napa	Public Lands/ Trails	Expansion	NAP170007	Vine Trail Gap Closure - Soscol Avenue Corridor	\$1,487,000						\$1,487,000
Napa	Napa	State Highway	System Management	NAP170009	Silverado Trail Five-Way Intersection Improvements	\$668,000	\$510,000	\$1,500,000	\$1,500,000	\$2,300,000	\$5,513,000	\$11,991,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	NAP110026	Hardin Rd Bridge Replacement - 21C0058		\$900,000			\$5,200,000		\$6,100,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	NAP110027	Loma Vista Dr Bridge Replacement - 21C0080		\$900,000			\$5,200,000		\$6,100,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	NAP170002	Napa County: 2014 Earthquake Pavement Repair	\$1,228,000						\$1,228,000
Napa	Napa County	Local Road	Maintenance/ Rehabilitation	NAP170008	Silverado Trail Phase L Rehab	\$214,000	\$2,485,000					\$2,699,000
Napa	NVTA	Local Road	Expansion	NAP110014	Napa Valley Vine Trail Design and Construction	\$9,269,064						\$9,269,064
Napa	NVTA	Local Road	Expansion	NAP150003	Napa Valley Vine Trail Calistoga-St. Helena Seg.	\$1,796,000	\$10,465,640					\$12,261,640
Napa	NVTA	Local Road	System Management	NAP170004	Napa County Safe Routes to Schools	\$811,000						\$811,000
Napa	NVTA	State Highway	Expansion	NAP090003	SR 12/29/221 Soscol Junction Interchange Imps.	\$11,145,000	\$300,000	\$27,133,000			\$25,422,000	\$64,000,000
Napa	NVTA	Transit	Expansion	NAP050009	Park & Ride Lots in Napa County	\$5,737,131						\$5,737,131
Napa	NVTA	Transit	Expansion	NAP170003	NVTA- Vine Transit Bus Maintenance Facility			\$4,000,000			\$18,000,000	\$22,000,000
Napa	NVTA	Transit	Maintenance/ Rehabilitation	NAP090005	NVTA: Replace Rolling Stock	\$17,820,340						\$17,820,340
Napa	NVTA	Transit	Maintenance/ Rehabilitation	NAP090008	NVTA Equipment Replacement and Upgrades	\$3,510,577						\$3,510,577
Napa	NVTA	Transit	Maintenance/ Rehabilitation	NAP190006	Imola Park & Ride and Express Bus Stop Improvement		\$1,793,231				\$960,905	\$2,754,136
Napa	NVTA	Transit	Operations	NAP030004	NVTA: ADA Operating Assistance	\$983,587						\$983,587
Napa	NVTA	Transit	Operations	NAP190005	NVTA: COVID-19 Emergency Transit Operations	\$2,701,734	\$1,675,538					\$4,377,272
Napa	NVTA	Transit	Operations	NAP970010	Napa Vine Operating Assistance	\$48,348,798						\$48,348,798
Napa	Saint Helena	State Highway	Maintenance/ Rehabilitation	NAP170005	Main Street St. Helena Pedestrian Improvements	\$187,000	\$1,206,000					\$1,393,000
Napa	Yountville	Public Lands/ Trails	Expansion	NAP130008	Hopper Creek Pedestrian Bridge and Path Project	\$600,000						\$600,000
<b>Napa County</b>						<b>\$138,551,012</b>	<b>\$28,335,809</b>	<b>\$32,685,000</b>	<b>\$11,951,000</b>	<b>\$2,351,000</b>	<b>\$54,764,905</b>	<b>\$268,638,726</b>
San Francisco	BART	Transit	Expansion	SF-050014	BART/MUNI Direct Connection Platform	\$3,000,000						\$3,000,000
San Francisco	BART	Transit	System Management	SF-170016	Embarcadero Stn: New North-Side Platform Elevator	\$15,000,000						\$15,000,000
San Francisco	GGBHTD	Transit	System Management	SF-170022	GGBHTD: Replace 2 Paratransit Vehicles	\$197,500						\$197,500
San Francisco	MTC	Local Road	System Management	SF-170002	Regional Planning Activities and PPM - SF County	\$7,528,854	\$260,000	\$259,000	\$259,000	\$46,000	\$199,000	\$8,551,854
San Francisco	MTC	State Highway	System Management	SF-170003	Bay Bridge Forward-Sterling/Bryant St Managed Lane	\$7,633,000						\$7,633,000
San Francisco	Port of SF	Local Road	Expansion	SF-130021	Pier 70 19th Street & Illinois Street Sidewalk	\$2,825,000						\$2,825,000
San Francisco	Port of SF	Local Road	System Management	SF-170012	Cargo Way and Amador Street Improvements	\$8,200,000	\$500,000				\$6,600,000	\$15,300,000
San Francisco	Port of SF	Transit	Expansion	SF-170001	Mission Bay Ferry Terminal	\$18,000,000					\$38,000,000	\$56,000,000
San Francisco	SF County TA	Local Road	System Management	SF-110049	Treasure Island Congestion Pricing Program	\$5,389,589					\$7,365,246	\$12,754,835
San Francisco	SF County TA	Local Road	System Management	SF-130017	SF Downtown Congestion Pricing	\$1,670,000	\$880,000	\$1,000,000			\$122,450,000	\$126,000,000
San Francisco	SF County TA	Local Road	System Management	SF-150008	Quint-Jerrold Connector Road	\$3,180,448	\$5,908,900				\$10,851,100	\$19,940,448
San Francisco	SF County TA	State Highway	Maintenance/ Rehabilitation	SF-070027	Yerba Buena Island (YBI) Ramp Improvements	\$144,552,296	\$98,765,777	\$7,317,003	\$11,795,990	\$10,278,473	\$98,149,106	\$370,858,645

**TIP Project Listings - Funding by Year**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
San Francisco	SF County TA	State Highway	Maintenance/ Rehabilitation	SF-190011	US 101 Doyle Drive Availability Payments	\$106,000,000	\$21,200,000	\$21,200,000	\$21,200,000	\$21,200,000	\$924,270,000	\$1,115,070,000
San Francisco	SF County TA	State Highway	System Management	SF-130008	HOV/HOT Lanes on U.S.101 and I-280 in SF	\$1,200,000					\$41,700,000	\$42,900,000
San Francisco	SF County TA	Transit	Expansion	SF-090011	Oakdale Caltrain Station	\$800,000						\$800,000
San Francisco	SF County TA	Transit	Expansion	SF-130010	Construct Treasure Island Bus Terminal Facility	\$2,790,000						\$2,790,000
San Francisco	SF County TA	Transit	System Management	SF-130005	Treasure Island Pricing Mobility Improvements	\$4,168,990					\$15,000,000	\$19,168,990
San Francisco	SF DPW	Local Road	Expansion	SF-090004	Harney Way Roadway Widening	\$25,500,000					\$2,000,000	\$27,500,000
San Francisco	SF DPW	Local Road	Expansion	SF-110006	Hunters Pt Shipyard and Candlestick Pt Local Roads	\$70,000,000					\$351,100,000	\$421,100,000
San Francisco	SF DPW	Local Road	Expansion	SF-170013	HOPE SF Street Network - Sunnydale and Potrero	\$6,000,000					\$28,000,000	\$34,000,000
San Francisco	SF DPW	Local Road	Maintenance/ Rehabilitation	SF-110005	Great Highway Restoration	\$4,143,595	\$204,513					\$4,348,108
San Francisco	SF DPW	Local Road	System Management	SF-130001	SF- Better Market Street Transportation Elements	\$43,845,101	\$3,366,000	\$2,571,000			\$365,217,899	\$415,000,000
San Francisco	SF DPW	Local Road	System Management	SF-130011	SF- Second Street Complete Streets and Road Diet	\$20,495,291						\$20,495,291
San Francisco	SF DPW	Local Road	System Management	SF-150001	John Yehall Chin Safe Routes to School	\$5,261,433						\$5,261,433
San Francisco	SF DPW	Local Road	System Management	SF-190010	Aleman Interchange Improvements, Phase 2	\$200,000	\$2,227,000					\$2,427,000
San Francisco	SFMTA	Local Road	Expansion	SF-170014	SF - Powell Street Safety Improvement	\$3,040,000	\$4,400,000	\$6,444,919	\$3,837,621			\$17,722,540
San Francisco	SFMTA	Local Road	System Management	SF-190005	6th Street Pedestrian Safety Improvements	\$13,761,000	\$6,000,000	\$4,000,000				\$23,761,000
San Francisco	SFMTA	Transit	Expansion	SF-010037	SF Muni Third St LRT Phase 2 - New Central Subway	\$1,578,000,000						\$1,578,000,000
San Francisco	SFMTA	Transit	Expansion	SF-070003	Historic Streetcar Extension to Fort Mason	\$741,000					\$68,145,966	\$68,886,966
San Francisco	SFMTA	Transit	Expansion	SF-070004	Geary Bus Rapid Transit	\$83,467,389	\$6,112,463	\$3,376,185			\$207,043,963	\$300,000,000
San Francisco	SFMTA	Transit	Expansion	SF-070005	Van Ness Avenue Bus Rapid Transit	\$208,285,132						\$208,285,132
San Francisco	SFMTA	Transit	Expansion	SF-090012	Light Rail Vehicle Procurement	\$582,469,264	\$13,220,000	\$20,459,409			\$510,811,658	\$1,126,960,331
San Francisco	SFMTA	Transit	Expansion	SF-090016	Transit Center in Hunters Point	\$8,300,000					\$13,700,000	\$22,000,000
San Francisco	SFMTA	Transit	Expansion	SF-090020	Geneva Harney BRT Infrastructure: Central Segment	\$7,154,000					\$32,900,000	\$40,054,000
San Francisco	SFMTA	Transit	Expansion	SF-090023	Geneva Harney BRT Infrastructure - Eastern Segment			\$2,000,000	\$19,205,000		\$76,910,000	\$98,115,000
San Francisco	SFMTA	Transit	Expansion	SF-190013	SFMTA Zero Emission Bus Procurement	\$2,822,811	\$18,402,189				\$2,000,000	\$23,225,000
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-030013	SFMTA: Wayside Fare Collection Equipment	\$43,878,241						\$43,878,241
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-050024	SFMTA:Train Control & Trolley Signal Rehab/Replace	\$111,603,064	\$23,410,615	\$11,885,802	\$5,803,000		\$56,974,000	\$209,676,481
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-090035	SFMTA: Paratransit Vehicle Replacements	\$14,653,314						\$14,653,314
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-150005	SFMTA - Replacement of 40' Motor Coaches	\$159,289,355						\$159,289,355
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-150006	SFMTA Replacement of 60' Motor Coaches	\$191,197,671						\$191,197,671
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-170004	SFMTA: Replacement of 40' Trolley Coaches	\$249,813,191						\$249,813,191
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-170008	SFMTA: Replace 35 Paratransit Cutaway Vans	\$4,012,037						\$4,012,037
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-170018	SFMTA: 60' Motor Coach Mid-Life Overhaul	\$26,791,647	\$2,116,979	\$3,462,100				\$32,370,726
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-170020	SFMTA: Replacement of 30' Motor Coaches	\$27,018,068	\$7,897,824	\$7,897,824				\$42,813,716
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-170021	SFMTA: Rehab Historic Streetcars	\$24,059,501	\$2,630,936	\$1,958,286				\$28,648,723
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-190001	Woods Bus Facility Modernization	\$5,500,000						\$5,500,000
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-190002	L-Taraval - SGR Project Elements	\$5,087,500	\$26,000,000					\$31,087,500
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-190003	Muni Metro East Facility - Boiler Replacement	\$6,440,944						\$6,440,944
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-190004	SFMTA-Facilities Condition Assessment Repairs	\$19,250,163	\$1,546,868	\$2,800,000				\$23,597,031
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-95037B	SF Muni Rail Replacement Program	\$268,521,110	\$10,546,371	\$11,388,957				\$290,456,438
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-970073	SFMTA: Cable Car Vehicle Renovation Program	\$29,940,341		\$320,000				\$30,260,341
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-970170	SFMTA: Overhead Line Recon. & Traction Power Prog	\$197,583,292	\$4,699,282	\$2,150,000	\$2,571,820		\$11,421,689	\$218,426,083
San Francisco	SFMTA	Transit	Maintenance/ Rehabilitation	SF-99T002	Cable Car Traction Power & Guideway Rehab	\$84,515,727		\$7,399,714		\$1,378,114	\$7,347,172	\$100,640,727
San Francisco	SFMTA	Transit	Operations	SF-190007	SFMTA: COVID-19 Emergency Transit Operations	\$197,190,672	\$176,592,087					\$373,782,759
San Francisco	SFMTA	Transit	Operations	SF-990022	SFMTA: ADA Paratransit Operating Support	\$238,337,662						\$238,337,662
San Francisco	SFMTA	Transit	System Management	SF-170006	SFMTA: Station-area Ped and Bike Access Improvemnt	\$1,562,500						\$1,562,500
San Francisco	SFMTA	Transit	System Management	SF-190012	SFMTA - Core Capacity Program		\$1,450,000	\$12,734,000			\$43,506,000	\$57,690,000
San Francisco	TBJPA	Transit	Expansion	SF-050002	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	\$97,128,284	\$66,400,000	\$10,987,516	\$25,900,000		\$4,049,584,200	\$4,250,000,000
San Francisco	TBJPA	Transit	Operations	SF-190009	TJPA: COVID-19 Emergency Transit Operations		\$583,287					\$583,287
San Francisco	TIMMA	Transit	Expansion	SF-190006	Treasure Island Ferry Terminal Landside Imprvmnts	\$110,555		\$4,220,455				\$4,331,010
San Francisco	WETA	Transit	Expansion	SF-190008	WETA: Electric Vessels and Related Infrastructure	\$9,060,000						\$9,060,000
San Francisco	WETA	Transit	Maintenance/ Rehabilitation	SF-110053	WETA: Replace Ferry Vessels	\$91,592,405		\$1,396,683				\$92,989,088
<b>San Francisco County</b>						<b>\$5,099,758,937</b>	<b>\$505,321,091</b>	<b>\$147,228,853</b>	<b>\$90,572,431</b>	<b>\$32,902,587</b>	<b>\$7,091,246,999</b>	<b>\$12,967,030,898</b>
San Mateo	Atherton	Local Road	Maintenance/ Rehabilitation	SM-190008	Atherton Street Preservation	\$35,000	\$351,000					\$386,000
San Mateo	BART	Transit	Maintenance/ Rehabilitation	SM-050005	BART: Preventive Maintenance	\$46,655,430						\$46,655,430
San Mateo	BART	Transit	System Management	SM-130029	Daly City BART Station Intermodal Improvements	\$1,100,000						\$1,100,000
San Mateo	Belmont	Local Road	Maintenance/ Rehabilitation	SM-170043	Belmont Pavement Preservation	\$53,000		\$547,000				\$600,000
San Mateo	Belmont	Local Road	System Management	SM-170042	Ralston Avenue Corridor Bike-Ped Imps	\$200,000	\$1,600,000					\$1,800,000
San Mateo	Brisbane	Public Lands/ Trails	Maintenance/ Rehabilitation	SM-170041	Crocker Trail Commuter Connectivity Upgrades		\$150,000	\$1,000,000				\$1,150,000
San Mateo	Brisbane	State Highway	System Management	SM-090004	US 101/Candlestick I/C Reconfiguration	\$890,000				\$1,500,000	\$22,610,000	\$25,000,000
San Mateo	Burlingame	Local Road	Maintenance/ Rehabilitation	SM-170020	Burlingame: Broadway PDA Lighting Improvements	\$900,000						\$900,000
San Mateo	Burlingame	Local Road	Maintenance/ Rehabilitation	SM-170021	Burlingame Street Resurfacing	\$1,371,000						\$1,371,000
San Mateo	Burlingame	Local Road	System Management	SM-170015	Hoover School Area Sidewalk Impvts (Summit Dr.)	\$33,000	\$865,000					\$898,000
San Mateo	Caltrain	Transit	Expansion	SM-190002	Peninsula Corridor Electrification Expansion	\$123,182,000				\$41,340,000	\$39,116,000	\$203,638,000
San Mateo	Caltrain	Transit	Maintenance/ Rehabilitation	SM-03006B	Caltrain: Systemwide Track Rehab & Related Struct.	\$194,055,258						\$194,055,258
San Mateo	Caltrain	Transit	Maintenance/ Rehabilitation	SM-170005	South San Francisco Caltrain Station Improvements	\$55,000,000						\$55,000,000
San Mateo	Caltrain	Transit	Maintenance/ Rehabilitation	SM-170010	Caltrain TVM Rehab and Clipper Functionality	\$1,442,437					\$1,399,569	\$2,842,006
San Mateo	Caltrain	Transit	Operations	SM-190011	Caltrain: COVID-19 Emergency Transit Operations	\$49,292,725	\$15,344,609					\$64,637,334
San Mateo	Caltrain	Transit	System Management	SF-010028	Caltrain Electrification	\$1,762,698,272	\$125,000,000	\$92,554,259				\$1,980,252,531
San Mateo	CCAG	Local Road	System Management	SM-070002	SM Countywide ITS Improvements - SSF Segment	\$460,000		\$7,560,000				\$8,020,000
San Mateo	CCAG	Local Road	System Management	SM-170046	ITS Improvements in San Mateo County Northern Citi	\$623,000	\$302,000		\$10,032,000			\$10,957,000
San Mateo	CCAG	State Highway	Expansion	SM-150017	US101 Managed Lanes: Santa Clara Co-S of Grand Ave	\$497,329,699	\$14,500,000	\$3,000,000				\$514,829,699

**TIP Project Listings - Funding by Year**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
San Mateo	CCAG	State Highway	Expansion	SM-190009	US-101 Managed Lanes North of I-380	\$8,000,000				\$14,177,000	\$120,000,000	\$142,177,000
San Mateo	CCAG	State Highway	System Management	SM-090014	Improve US 101 operations near Rte 92	\$5,841,000		\$3,217,000			\$18,211,000	\$27,269,000
San Mateo	Colma	Local Road	System Management	SM-170022	Colma - Mission Road Bike/Ped Improvements	\$2,650,000						\$2,650,000
San Mateo	Daly City	Local Road	Expansion	SM-150012	Daly City Central Corridor Bike/Ped Safety Imprmnt	\$2,669,000						\$2,669,000
San Mateo	Daly City	Local Road	Maintenance/ Rehabilitation	SM-170023	Daly City Street Resurfacing and Slurry Seal	\$1,480,000						\$1,480,000
San Mateo	East Palo Alto	Local Road	Maintenance/ Rehabilitation	SM-170024	East Palo Alto Citywide Street Resurfacing	\$894,000						\$894,000
San Mateo	East Palo Alto	Local Road	System Management	SM-070006	US 101 University Ave Interchange Improvements	\$7,007,000						\$7,007,000
San Mateo	Half Moon Bay	Local Road	System Management	SM-170013	Half Moon Bay - Poplar Complete Streets	\$156,000		\$1,202,000				\$1,358,000
San Mateo	Half Moon Bay	State Highway	Expansion	SM-090015	Route 1 improvements in Half Moon Bay	\$3,750,000	\$6,400,000					\$10,150,000
San Mateo	Hillsborough	Local Road	Maintenance/ Rehabilitation	SM-170026	Hillsborough Street Resurfacing	\$82,000	\$993,000					\$1,075,000
San Mateo	Menlo Park	Local Road	Maintenance/ Rehabilitation	SM-170027	Menlo Park-Santa Cruz Avenue & Middle Avenue Rehab	\$2,164,100						\$2,164,100
San Mateo	Millbrae	Local Road	Expansion	SM-210001	Widen Millbrae Avenue				\$100,000	\$450,000	\$11,000,000	\$11,550,000
San Mateo	Millbrae	Local Road	Maintenance/ Rehabilitation	SM-170028	Millbrae Street Rehabilitation	\$859,000						\$859,000
San Mateo	MTC	Local Road	System Management	SM-170002	Regional Planning Activities and PPM - San Mateo	\$6,967,181	\$263,000	\$262,000	\$262,000	\$46,000	\$201,000	\$8,001,181
San Mateo	MTC	State Highway	System Management	SM-190004	FPP: US 101 Adaptive Ramp Metering	\$3,300,000						\$3,300,000
San Mateo	Pacifica	Local Road	Expansion	SM-170004	Manor Drive Overcrossing and Milagra On Ramp	\$1,715,000					\$18,560,000	\$20,275,000
San Mateo	Pacifica	Local Road	Expansion	SM-170029	Pacifica - Palmetto Sidewalk Extension	\$413,000						\$413,000
San Mateo	Portola Valley	Local Road	Maintenance/ Rehabilitation	SM-170044	Portola Valley Street Preservation	\$27,000	\$201,000					\$228,000
San Mateo	Redwood City	Local Road	Expansion	SM-090007	Blomquist Street Extension	\$1,600,000	\$1,600,000				\$19,200,000	\$22,400,000
San Mateo	Redwood City	Local Road	Expansion	SM-170045	US 101/Woodside Road Class 1 Bikeway	\$161,000		\$1,071,000				\$1,232,000
San Mateo	Redwood City	Local Road	Maintenance/ Rehabilitation	SM-170032	Redwood City Pavement Preservation	\$1,562,000						\$1,562,000
San Mateo	Redwood City	State Highway	Expansion	SM-050027	US 101 / Woodside Interchange Improvement	\$15,450,000		\$28,000,000			\$127,550,000	\$171,000,000
San Mateo	Redwood City	Transit	Expansion	SM-110002	Redwood City Ferry Service			\$560,000			\$2,472,000	\$3,032,000
San Mateo	SamTrans	Transit	Expansion	SM-190003	SamTrans Express Bus Service	\$16,132,567					\$20,370,007	\$36,502,574
San Mateo	SamTrans	Transit	Maintenance/ Rehabilitation	SM-030023	SAMTRANS: Preventive Maintenance	\$56,010,856						\$56,010,856
San Mateo	SamTrans	Transit	Maintenance/ Rehabilitation	SM-070049	SAMTRANS Facility/Equipment Rehab/Replacement	\$1,752,780						\$1,752,780
San Mateo	SamTrans	Transit	Maintenance/ Rehabilitation	SM-150010	SamTrans - Replacement of Cutaway Buses	\$2,816,925						\$2,816,925
San Mateo	SamTrans	Transit	Maintenance/ Rehabilitation	SM-150011	SamTrans - Purchase of Replacement Minivans	\$1,284,900						\$1,284,900
San Mateo	SamTrans	Transit	Operations	SM-190010	SamTrans: COVID-19 Emergency Transit Operations	\$28,519,037	\$17,361,063					\$45,880,100
San Mateo	SamTrans	Transit	Operations	SM-990026	SAMTRANS: ADA Paratransit Operating Subsidy	\$19,741,152						\$19,741,152
San Mateo	SamTrans	Transit	System Management	SM-170008	El Camino Real Traffic Signal Priority Project	\$3,907,151						\$3,907,151
San Mateo	San Bruno	Local Road	Maintenance/ Rehabilitation	SM-170033	Huntington/San Antonio Street Rehabilitation	\$1,530,000	\$400,000					\$1,930,000
San Mateo	San Bruno	Local Road	System Management	SM-170017	Huntington Transit Corridor Bike/Ped Improvements	\$155,000		\$1,002,000				\$1,157,000
San Mateo	San Carlos	Local Road	Expansion	SM-190001	Brittan Ave. Widening	\$450,000					\$4,500,000	\$4,950,000
San Mateo	San Carlos	Local Road	Maintenance/ Rehabilitation	SM-170035	Cedar and Brittan Ave Pavement Rehab	\$650,000						\$650,000
San Mateo	San Carlos	Local Road	System Management	SM-170034	Ped Enhancements Arroyo/Cedar & Hemlock/Orange	\$730,000						\$730,000
San Mateo	San Carlos	State Highway	System Management	SM-090008	US101/Holly St I/C Mod and Bike/Ped Overcrossing	\$4,500,000		\$27,320,000			\$8,300,000	\$40,120,000
San Mateo	San Mateo	Local Road	Maintenance/ Rehabilitation	SM-170040	San Mateo Street Rehabilitation	\$207,000		\$1,593,000				\$1,800,000
San Mateo	San Mateo	Local Road	System Management	SM-170038	North San Mateo Drive Sustainable Streets	\$3,963,600						\$3,963,600
San Mateo	San Mateo	Local Road	System Management	SM-170039	Laurie Meadows Ped/Bike Safety Improvements	\$128,000	\$987,000					\$1,115,000
San Mateo	San Mateo	Public Lands/ Trails	Expansion	SM-170006	East Hillsdale Boulevard Ped/Bike Overcrossing	\$1,650,000					\$29,200,000	\$30,850,000
San Mateo	San Mateo	State Highway	Expansion	SM-170011	US 101/Peninsula Avenue Interchange Improvements	\$3,000,000					\$114,700,000	\$117,700,000
San Mateo	San Mateo	State Highway	System Management	SM-110047	SR92/El Camino Real (SR82) Ramp Modifications	\$27,542,425	\$217,000					\$27,759,425
San Mateo	San Mateo Co	Local Road	Maintenance/ Rehabilitation	SM-170014	San Mateo Countywide Pavement Maintenance	\$121,000	\$1,091,000					\$1,212,000
San Mateo	San Mateo Co	Public Lands/ Trails	Expansion	SM-130032	Midcoast Multi-Modal Trail	\$814,000					\$3,700,000	\$4,514,000
San Mateo	San Mateo Co	State Highway	System Management	SM-170001	Hwy 1 Congestion & Safety Improvements	\$1,450,000		\$850,000			\$4,900,000	\$7,200,000
San Mateo	SF City/County	Public Lands/ Trails	Expansion	SM-130031	Southern Skyline Blvd. Ridge Trail Extension	\$2,800,000	\$3,000,000				\$8,900,000	\$14,700,000
San Mateo	SMCTA	State Highway	Expansion	SM-090009	US 101 Aux lanes from Sierra Point to SF Co. Line	\$9,800,000					\$65,000,000	\$74,800,000
San Mateo	SSF	Local Road	Maintenance/ Rehabilitation	SM-170036	SSF Pavement Rehabilitation	\$1,161,000						\$1,161,000
San Mateo	SSF	Local Road	System Management	SM-150015	SSF Linden/Spruce Ave Traffic Calming Improvements	\$1,038,000						\$1,038,000
San Mateo	SSF	State Highway	Expansion	SM-110003	US 101/Produce Avenue New Interchange	\$4,690,000	\$6,300,000				\$125,500,000	\$136,490,000
San Mateo	SSF	State Highway	System Management	SM-170016	SSF Grand Boulevard Complete Streets (Phase III)	\$150,000		\$1,125,000				\$1,275,000
San Mateo	Woodside	Local Road	Maintenance/ Rehabilitation	SM-170037	Road Rehabilitation - Town of Woodside	\$575,000						\$575,000
<b>San Mateo County</b>						<b>\$2,999,338,495</b>	<b>\$196,925,672</b>	<b>\$170,863,259</b>	<b>\$10,394,000</b>	<b>\$57,513,000</b>	<b>\$765,389,576</b>	<b>\$4,200,424,002</b>
Santa Clara	Caltrans	State Highway	Maintenance/ Rehabilitation	SCL190034	SCL-SM I-280 Pavement Preserv. and HOV Extension	\$59,470,000						\$59,470,000
Santa Clara	Campbell	Local Road	System Management	SCL190042	Harriet Avenue Sidewalk Improvements		\$205,000	\$1,150,000				\$1,355,000
Santa Clara	Campbell	State Highway	System Management	SCL210003	SR 17 Southbound/Hamilton Ave. Off-Ramp Widening					\$507,000	\$1,000,000	\$1,507,000
Santa Clara	Cupertino	Local Road	System Management	SCL190036	McClellan Road Separated Bikeways (Phase 3)	\$300,000		\$2,200,000				\$2,500,000
Santa Clara	Los Altos	Local Road	Maintenance/ Rehabilitation	SCL170038	Los Altos: Fremont Ave Pavement Preservation	\$170,000	\$1,546,042					\$1,716,042
Santa Clara	Los Gatos	Local Road	System Management	SCL190033	Shannon Road Complete Streets	\$100,000		\$1,190,000				\$1,290,000
Santa Clara	Los Gatos	Public Lands/ Trails	Expansion	SCL170028	Los Gatos Creek Trail to Hwy 9 Trailhead Connector	\$387,440					\$4,000,000	\$4,387,440
Santa Clara	Milpitas	Local Road	Maintenance/ Rehabilitation	SCL170039	Street Resurfacing 2020 & 2021	\$2,506,164	\$2,978,358					\$5,484,522
Santa Clara	Morgan Hill	Local Road	Maintenance/ Rehabilitation	SCL170063	Dunne Avenue Pavement Rehabilitation		\$95,000	\$1,157,000				\$1,252,000
Santa Clara	Mountain View	Regional	System Management	SCL210004	US 101/Shoreline Boulevard IC Improvements	\$20,000,000						\$20,000,000
Santa Clara	Mountain View	Transit	System Management	SCL190032	Rengstorff Grade Separation	\$3,850,000		\$51,500,000	\$80,000,000		\$15,000,000	\$150,350,000
Santa Clara	MTC	Local Road	System Management	SCL170001	Regional Planning Activities and PPM - Santa Clara	\$14,307,470	\$912,000	\$912,000	\$112,000		\$469,000	\$16,712,470
Santa Clara	Palo Alto	Local Road	Expansion	SCL170053	Waverley, E. Meadow & Fabian Enhanced Bikeways			\$480,000	\$919,000			\$1,399,000
Santa Clara	Palo Alto	Local Road	System Management	SCL170051	Palo Alto-El Camino Real Ped Safety & Streetscape			\$709,000	\$4,655,000			\$5,364,000
Santa Clara	San Jose	Local Road	Expansion	SCL050082	Bay Trail Reach 9 & 9B	\$978,000					\$7,560,000	\$8,538,000
Santa Clara	San Jose	Local Road	Expansion	SCL110006	San Jose - Autumn Street Extension	\$974,000					\$16,326,000	\$17,300,000
Santa Clara	San Jose	Local Road	Expansion	SCL110029	San Jose: Los Gatos Creek Reach 5 Underpass	\$2,550,000					\$2,500,000	\$5,050,000

**TIP Project Listings - Funding by Year**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Santa Clara	San Jose	Local Road	Expansion	SCL130004	San Jose - Better Bikeways	\$1,674,000						\$1,674,000
Santa Clara	San Jose	Local Road	Expansion	SCL130016	East San Jose Bikeways	\$2,532,000						\$2,532,000
Santa Clara	San Jose	Local Road	Expansion	SCL190001	US 101/Old Oakland Road Interchange Improvements	\$3,000,000		\$3,000,000			\$19,000,000	\$25,000,000
Santa Clara	San Jose	Local Road	Expansion	SCL190029	Better Bikeway San Jose - San Fernando Street	\$658,000	\$1,989,000	\$9,272,000				\$11,919,000
Santa Clara	San Jose	Local Road	Maintenance/ Rehabilitation	SCL170044	San Jose Pavement Maintenance	\$6,287,093	\$14,159,062					\$20,446,155
Santa Clara	San Jose	Local Road	System Management	SCL170029	Tully Road Safety Improvements	\$2,399,640	\$8,550,360					\$10,950,000
Santa Clara	San Jose	Local Road	System Management	SCL170030	McKee Road Safety Improvements	\$2,406,067	\$8,573,933					\$10,980,000
Santa Clara	San Jose	Local Road	System Management	SCL170031	Mt Pleasant Ped & Bike Traffic Safety Improvements	\$268,207	\$991,793					\$1,260,000
Santa Clara	San Jose	Local Road	System Management	SCL170061	W San Carlos Urban Village Streets Improvements		\$3,333,000	\$6,767,000				\$10,100,000
Santa Clara	San Jose	Local Road	System Management	SCL170062	Eastside Alum Rock (East of 680) Urban Village	\$446,000						\$446,000
Santa Clara	San Jose	Local Road	System Management	SCL190028	Willow-Keys Complete Streets Improvements		\$1,062,631	\$3,872,461	\$15,038,192			\$19,973,284
Santa Clara	San Jose	Public Lands/ Trails	Expansion	SCL050083	Coyote Creek Trail (Hwy 237-Story Rd)	\$16,636,631	\$4,046,000				\$20,900,000	\$41,582,631
Santa Clara	San Jose	State Highway	Expansion	SCL030006	US 101/Blossom Hill Interchange Improvements	\$5,500,000					\$18,914,000	\$24,414,000
Santa Clara	Santa Clara	Public Lands/ Trails	Expansion	SCL170045	Saratoga Creek Trail Phase 1	\$570,000		\$4,756,000				\$5,326,000
Santa Clara	Santa Clara	Public Lands/ Trails	Expansion	SCL170052	San Tomas Aquino Creek Trail Underpass		\$620,000		\$3,100,000			\$3,720,000
Santa Clara	Santa Clara	Public Lands/ Trails	Expansion	SCL170055	Hetch-Hetchy Trail Phase 1		\$250,000		\$1,000,000			\$1,250,000
Santa Clara	Santa Clara	Public Lands/ Trails	System Management	SCL170056	Santa Clara School Access Improvements	\$200,000		\$1,450,000				\$1,650,000
Santa Clara	Santa Clara Co	Local Road	Expansion	SCL090017	Montague Expwy Widening - Trade Zone-Great Mall	\$2,000,000			\$9,000,000		\$8,000,000	\$19,000,000
Santa Clara	Saratoga	Local Road	Maintenance/ Rehabilitation	SCL170054	Saratoga Village Crosswalks and Sidewalk Rehab	\$40,000		\$382,000				\$422,000
Santa Clara	Sunnyvale	Local Road	Expansion	SCL170020	Bernardo Avenue Bicycle Underpass			\$1,665,069			\$8,700,000	\$10,365,069
Santa Clara	Sunnyvale	Local Road	Expansion	SCL170022	Java Dr Road Diet and Bike Lanes	\$291,677	\$362,000	\$178,212				\$831,889
Santa Clara	Sunnyvale	Local Road	Expansion	SCL170023	Peery Park "Sense of Place" Improvements	\$1,457,000			\$2,737,000			\$4,194,000
Santa Clara	Sunnyvale	Local Road	Expansion	SCL170024	East Sunnyvale Area "Sense of Place"	\$1,653,000		\$2,203,900				\$3,856,900
Santa Clara	Sunnyvale	Local Road	Expansion	SCL170025	Fair Oaks Avenue Bikeway - Phase 2	\$424,000	\$566,000					\$990,000
Santa Clara	Sunnyvale	Local Road	Expansion	SCL170026	Lawrence Station Area Sidewalks & Bike Facilities	\$271,000		\$362,000				\$633,000
Santa Clara	Sunnyvale	Local Road	Maintenance/ Rehabilitation	SCL170027	Sunnyvale Traffic Signal Upgrades/Replacements	\$533,000		\$2,366,000				\$2,899,000
Santa Clara	Sunnyvale	Local Road	System Management	SCL170017	Sunnyvale SNAIL Neighborhood Improvements	\$90,000	\$975,000	\$4,981,000				\$6,046,000
Santa Clara	Sunnyvale	Local Road	System Management	SCL170043	Homestead Rd at Homestead High School Improvements	\$265,000		\$1,000,000				\$1,265,000
Santa Clara	Sunnyvale	Local Road	System Management	SCL170057	Sunnyvale Ped and Bike Infrastructure Improvements	\$244,000		\$919,000				\$1,163,000
Santa Clara	Sunnyvale	Local Road	System Management	SCL170059	Sunnyvale Safe Routes to School Improvements	\$474,000		\$1,888,000				\$2,362,000
Santa Clara	VTA	Local Road	System Management	SCL110125	Local PDA Planning - Santa Clara	\$4,955,845						\$4,955,845
Santa Clara	VTA	Local Road	System Management	SCL130001	SR 237/US 101/Mathilda Interchange Modifications	\$44,800,000	\$2,200,000					\$47,000,000
Santa Clara	VTA	Local Road	System Management	SCL170065	IDEA Cat 2: Valley Transportation Authority	\$1,095,000						\$1,095,000
Santa Clara	VTA	Local Road	System Management	SCL190007	US 101/Zanker Road-Skyport Drive-N. Fourth St. Imp	\$7,100,000		\$12,200,000		\$141,700,000		\$161,000,000
Santa Clara	VTA	State Highway	Expansion	SCL090016	SR 152 New Alignment	\$5,000,000					\$25,000,000	\$30,000,000
Santa Clara	VTA	State Highway	Expansion	SCL090030	SR 85 Express Lanes	\$23,300,000	\$2,300,000				\$161,900,000	\$187,500,000
Santa Clara	VTA	State Highway	Expansion	SCL110002	Santa Clara County - US 101 Express Lanes	\$84,523,275	\$4,754,000		\$3,207,000		\$373,560,725	\$466,045,000
Santa Clara	VTA	State Highway	Expansion	SCL190002	I-280/Foothill Expressway Off Ramp Improvement	\$5,500,000						\$5,500,000
Santa Clara	VTA	State Highway	Expansion	SCL190009	Calaveras Boulevard Widening	\$6,000,000	\$16,000,000		\$63,000,000			\$85,000,000
Santa Clara	VTA	State Highway	Expansion	SCL210002	US 101/SR 152/10th Ramp and Intersection Imp.			\$500,000	\$1,300,000	\$2,700,000	\$6,300,000	\$10,800,000
Santa Clara	VTA	State Highway	System Management	SCL130044	I-880 Stevens Creek Landscaping	\$3,805,418						\$3,805,418
Santa Clara	VTA	State Highway	System Management	SCL150001	I-680 Soundwalls - Capitol Expwy to Mueller Ave	\$2,356,700	\$3,275,000					\$5,631,700
Santa Clara	VTA	State Highway	System Management	SCL150014	I-280/Winchester Blvd Interchange Improvement	\$5,000,000	\$6,000,000	\$10,000,000	\$68,000,000			\$89,000,000
Santa Clara	VTA	State Highway	System Management	SCL170064	I-280 Soundwalls - SR-87 to Los Gatos Creek Bridge	\$833,000	\$929,000	\$456,000	\$4,782,000			\$7,000,000
Santa Clara	VTA	State Highway	System Management	SCL190003	Hwy. Transp Operations System/FPI Phase 1 & 2	\$750,000	\$750,000	\$250,000	\$3,250,000		\$15,000,000	\$20,000,000
Santa Clara	VTA	State Highway	System Management	SCL190004	I-280 HOV - San Mateo County line to Magdalena Ave	\$1,500,000	\$6,000,000		\$10,500,000		\$36,000,000	\$54,000,000
Santa Clara	VTA	State Highway	System Management	SCL190005	SR 237 WB Auxiliary Lane fr McCarthy to North 1st	\$3,500,000	\$4,300,000	\$16,000,000	\$28,200,000			\$52,000,000
Santa Clara	VTA	State Highway	System Management	SCL190006	Double Lane Southbound US 101 off-ramp to SB SR 87	\$3,000,000						\$3,000,000
Santa Clara	VTA	State Highway	System Management	SCL190008	US 101/De L Cruz Blvd - Trimble Road I/C Imp	\$15,000,000	\$28,000,000				\$10,000,000	\$53,000,000
Santa Clara	VTA	State Highway	System Management	SCL190010	US 101/Buena Vista Avenue Interchange Improvement	\$1,000,000		\$4,000,000	\$5,000,000	\$2,000,000	\$22,000,000	\$34,000,000
Santa Clara	VTA	State Highway	System Management	SCL190011	I-280/Wolfe Road Interchange Improvement	\$5,000,000	\$7,000,000	\$6,530,000	\$77,150,000			\$95,680,000
Santa Clara	VTA	State Highway	System Management	SCL190012	US 101/San Antonio Rd/Charleston/Rengstorff IC Imp	\$6,000,000	\$8,000,000		\$26,000,000			\$40,000,000
Santa Clara	VTA	State Highway	System Management	SCL190013	US 101/SR 25 Interchange - Phase 1	\$7,200,000	\$15,000,000	\$24,000,000			\$55,000,000	\$101,200,000
Santa Clara	VTA	State Highway	System Management	SCL190014	SR 17 Congestion Relief in Los Gatos	\$1,300,000	\$4,700,000	\$450,000	\$5,000,000	\$50,000	\$39,500,000	\$51,000,000
Santa Clara	VTA	State Highway	System Management	SCL190015	I-280/Saratoga Avenue Interchange Improvement	\$1,500,000	\$4,000,000	\$5,500,000	\$3,200,000		\$45,800,000	\$60,000,000
Santa Clara	VTA	State Highway	System Management	SCL190016	I-280 NB Braided Ramps btw Foothill Expwy & SR 85	\$8,100,000	\$8,100,000	\$2,700,000	\$35,100,000			\$54,000,000
Santa Clara	VTA	State Highway	System Management	SCL190017	I-680/ Alum Rock/ McKee Road Interchange Imp	\$2,350,000	\$4,700,000	\$7,050,000	\$2,350,000	\$30,550,000		\$47,000,000
Santa Clara	VTA	State Highway	System Management	SCL190031	Santa Clara Countywide Noise Abatement Program	\$4,000,000			\$5,000,000	\$10,000,000	\$17,000,000	\$36,000,000
Santa Clara	VTA	State Highway	System Management	SCL210001	SR 87/Charcot Ave On-Ramp HOV Bypass	\$300,000	\$2,700,000					\$3,000,000
Santa Clara	VTA	Transit	Expansion	BRT030001	BART - Berryessa to San Jose Extension	\$452,834,000		\$29,702,000	\$2,613,967,000	\$540,000,000	\$1,143,432,000	\$4,779,935,000
Santa Clara	VTA	Transit	Expansion	SCL050009	Eastridge to BART Regional Connector	\$447,279,000					\$63,000,000	\$510,279,000
Santa Clara	VTA	Transit	Expansion	SCL090040	LRT Extension to Vasona Junction and Double Track	\$43,000,000					\$213,000,000	\$256,000,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL050001	VTA: Standard & Small Bus Replacement	\$297,481,126						\$297,481,126
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL050002	VTA: Rail Replacement Program	\$61,760,728						\$61,760,728
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL090044	VTA: TP OCS Rehab & Replacement	\$32,809,940						\$32,809,940
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL110099	VTA: Light Rail Bridge and Structure - SG Repair	\$4,850,000						\$4,850,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL110104	VTA: Light Rail Track Crossovers and Switches	\$6,963,952					\$28,229,895	\$35,193,847
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL150005	VTA Train to Wayside Communication System Upgrade	\$1,605,750						\$1,605,750
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170005	VTA: Paratransit Vehicle Procurement	\$10,216,645						\$10,216,645
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170006	VTA: Replace Fault Monitoring System on LRVs	\$2,819,000						\$2,819,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170007	VTA: Pedestrian Swing Gates Replacement	\$4,280,000						\$4,280,000

**TIP Project Listings - Funding by Year  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170008	VTA: Vasona Pedestrian Back Gates	\$2,900,000						\$2,900,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170009	VTA: Chaboya Yard Well Removal	\$395,000						\$395,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170010	VTA: Guadalupe Train Wash Replacement	\$2,810,000						\$2,810,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170011	VTA: Upgrade Rail Grade Crossing Control Equipment	\$5,460,000						\$5,460,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170047	VTA: Non-Revenue Vehicle Procurement	\$400,000						\$400,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170049	VTA: SCADA Middleware Replacement	\$1,438,000						\$1,438,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL170050	VTA: SCADA Control Center System Replacement	\$3,769,000						\$3,769,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190023	VTA: Bus CCTV Replacement	\$3,300,000						\$3,300,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190024	VTA: Transit Center Park and Ride Rehab	\$2,000,000						\$2,000,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190025	VTA: Gigabit Ethernet Network	\$1,200,000						\$1,200,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190026	VTA: HVAC Replacement	\$1,810,332						\$1,810,332
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190027	VTA: SCADA Hardware, Software, Network Upgrade	\$5,559,120						\$5,559,120
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190037	VTA: Bus & LR Vehicle Mobile Router Replacement	\$1,500,000						\$1,500,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190040	VTA: Fuel Dispenser & UDC Replacement	\$2,400,000						\$2,400,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190041	VTA: Replace UPSs and PDU in OCC/EOC	\$471,702						\$471,702
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190043	Replace/Upgrade Fire Alarm at Guadalupe & Chaboya	\$1,500,000						\$1,500,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190044	VTA: Network & Gigabit Fiber Upgrade	\$1,500,000						\$1,500,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190045	VTA: Cameras for VTA ACCESS Paratransit Vehicles	\$2,256,063						\$2,256,063
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190046	VTA: Rehab of LR System Elevators and Escalators		\$9,300,000					\$9,300,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190047	VTA: Downtown San Jose Speed Improvements		\$6,150,000					\$6,150,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190048	VTA: Light Rail Station Rehabilitation		\$970,000					\$970,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190049	VTA: Public Address System Upgrade		\$2,770,440					\$2,770,440
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190050	VTA: LR Platform CCTV System Replacement		\$557,000					\$557,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190051	VTA: Pedestrian Backgates - Non-Vasona		\$8,200,000					\$8,200,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190052	VTA: Guadalupe Roll Up Doors		\$2,500,000					\$2,500,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190053	VTA: Guadalupe Steam Rack Improv & Liner Replace		\$3,000,000					\$3,000,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL190054	VTA: Guadalupe Entrance Security Improvement		\$1,250,000					\$1,250,000
Santa Clara	VTA	Transit	Maintenance/ Rehabilitation	SCL990046	VTA: Preventive Maintenance	\$596,267,531						\$596,267,531
Santa Clara	VTA	Transit	Operations	SCL050046	VTA: ADA Operating Set Aside	\$67,836,371						\$67,836,371
Santa Clara	VTA	Transit	Operations	SCL190038	VTA: COVID-19 Emergency Transit Operations	\$73,023,596	\$68,552,110					\$141,575,706
Santa Clara	VTA	Transit	System Management	SCL150006	VTA: Back-up Power for Elevated Stations	\$400,000						\$400,000
Santa Clara	VTA	Transit	System Management	SCL150008	VTA Track Intrusion Abatement	\$11,000,000						\$11,000,000
Santa Clara	VTA	Transit	System Management	SCL170002	VTA BART Phase II TOD and Station Access Planning	\$1,900,000						\$1,900,000
Santa Clara	VTA	Transit	System Management	SCL170046	VTA: Systemwide Security Improvements	\$506,948						\$506,948
Santa Clara	VTA	Transit	System Management	SCL170048	VTA: Light Rail Roadway Protection System	\$1,939,000						\$1,939,000
Santa Clara	VTA	Transit	System Management	SCL190035	VTA - Not on Transit Program	\$500,000						\$500,000
Santa Clara	VTA	Transit	System Management	SCL190039	VTA: Facilities ADA Upgrades	\$3,200,000						\$3,200,000
<b>Santa Clara County</b>						<b>\$2,573,825,431</b>	<b>\$283,172,729</b>	<b>\$223,698,642</b>	<b>\$3,071,567,192</b>	<b>\$727,507,000</b>	<b>\$2,377,091,620</b>	<b>\$9,256,862,614</b>
Solano	Benicia	Local Road	Maintenance/ Rehabilitation	SOL170011	Benicia - Park Road Improvements	\$500,000	\$5,358,000					\$5,858,000
Solano	Dixon	Local Road	Expansion	SOL050009	Parkway Blvd/UPRR Grade Separation	\$3,839,000				\$12,000,000		\$15,839,000
Solano	Dixon	Transit	Operations	SOL190018	Dixon: COVID-19 Emergency Transit Operations	\$305,302	\$84,971					\$390,273
Solano	Fairfield	Local Road	Expansion	SOL170006	East Tabor Tolenas SR2S Sidewalk Gap Closure	\$248,000	\$1,612,000					\$1,860,000
Solano	Fairfield	Local Road	System Management	SOL170010	Grange Middle School Safe Routes to School	\$26,000		\$260,000				\$286,000
Solano	Fairfield	Transit	Expansion	SOL030002	Fairfield/Vacaville Intermodal Rail Station	\$65,876,275				\$14,715,186		\$80,591,461
Solano	Fairfield	Transit	Expansion	SOL110007	Fairfield Transportation Center - Phase 3	\$1,388,000				\$6,935,000		\$8,323,000
Solano	Fairfield	Transit	Maintenance/ Rehabilitation	SOL110041	Fairfield-Suisun Intercity/Local Bus Replacement	\$7,492,217						\$7,492,217
Solano	Fairfield	Transit	Operations	SOL010006	City of Fairfield Operating Assistance	\$69,657,216						\$69,657,216
Solano	Fairfield	Transit	Operations	SOL190020	Fairfield: COVID-19 Emergency Transit Operations	\$2,002,985	\$1,935,831					\$3,938,816
Solano	F-S Transit	Transit	Maintenance/ Rehabilitation	SOL190003	Fairfield - Electric Bus Fleet and Infrastructure	\$6,610,464	\$213,897				\$4,427,794	\$11,252,155
Solano	MTC	Local Road	System Management	SOL170001	Regional Planning Activities and PPM - Solano	\$8,431,181	\$159,000	\$159,000	\$159,000	\$29,000	\$123,000	\$9,060,181
Solano	MTC	State Highway	Expansion	SOL110001	Solano I-80 Managed Lanes	\$105,100,000		\$34,000,000			\$123,000,000	\$262,100,000
Solano	Rio Vista	Transit	Operations	SOL190019	Rio Vista: COVID-19 Emergency Transit Operations	\$119,328	\$38,512					\$157,840
Solano	Solano County	Local Road	Expansion	SOL130007	Suisun Valley Bicycle and Pedestrian Imps	\$1,577,400					\$6,000,000	\$7,577,400
Solano	Solano County	Local Road	Maintenance/ Rehabilitation	SOL170015	Solano County Roadway Preservation	\$45,000	\$572,000					\$617,000
Solano	Solano County	Local Road	System Management	SOL170016	Solano County Farm to Market Phase 3	\$150,000	\$3,297,000					\$3,447,000
Solano	Solano County	State Highway	Expansion	SOL090015	Redwood-Fairgrounds Dr Interchange Imps	\$2,227,606		\$5,000,000			\$89,248,629	\$96,476,235
Solano	SolTrans	Transit	Maintenance/ Rehabilitation	SOL070032	SolTrans: Preventive Maintenance	\$5,068,331						\$5,068,331
Solano	SolTrans	Transit	Maintenance/ Rehabilitation	SOL090034	SolTrans: Bus Replacement (Alternative Fuel)	\$14,284,365						\$14,284,365
Solano	SolTrans	Transit	Maintenance/ Rehabilitation	SOL190017	SolTrans Electric Bus Charging Infrastructure	\$4,731,000	\$624,000					\$5,355,000
Solano	SolTrans	Transit	Operations	SOL110025	SolTrans: ADA Paratransit Operating Subsidy	\$4,577,594						\$4,577,594
Solano	SolTrans	Transit	Operations	SOL110040	SolTrans: Operating Assistance	\$28,319,058						\$28,319,058
Solano	SolTrans	Transit	Operations	SOL190021	SolTrans: COVID-19 Emergency Transit Operations	\$2,590,800	\$2,941,048					\$5,531,848
Solano	SolTrans	Transit	System Management	SOL170002	SolTrans: Data Management Technology Enhancements	\$80,000					\$320,000	\$400,000
Solano	SolTrans	Transit	System Management	SOL170003	SolTrans: Facilities and Amenities Improvements	\$60,000					\$240,000	\$300,000
Solano	STA	Local Road	Expansion	SOL110004	Jepson: Walters Rd Ext - Peabody Rd Widening	\$1,454,000				\$11,977,000		\$13,431,000
Solano	STA	Local Road	Expansion	SOL110005	Jepson: Leisure Town Road from Vanden to Commerce	\$28,202,114						\$28,202,114
Solano	STA	Local Road	Expansion	SOL110006	Jepson: Leisure Town Road Phase 1B and 1C	\$6,278,842		\$15,574,000				\$21,852,842
Solano	STA	Local Road	System Management	SOL110019	Solano Safe Routes to School Program	\$3,850,589						\$3,850,589
Solano	STA	Local Road	System Management	SOL150004	STA SR2S Infrastructure & Non-infrastructure	\$3,467,000						\$3,467,000
Solano	STA	Regional	System Management	SOL190001	SolanoExpress Corp Yard Elec	\$2,200,000						\$2,200,000
Solano	STA	State Highway	Expansion	SOL070020	I-80/I-680/SR 12 Interchange Improvements	\$215,291,992				\$445,725,008		\$661,017,000

**TIP Project Listings - Funding by Year**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Solano	STA	State Highway	Expansion	SOL190024	I-80/I-680/SR 12 Interchange Phase 2A	\$15,700,000		\$77,000,000				\$92,700,000
Solano	STA	State Highway	System Management	SOL150003	SR12/Church Rd Intersection Improvements	\$1,110,000	\$70,000	\$3,620,000				\$4,800,000
Solano	STA	Transit	System Management	SOL170009	Solano Mobility Call Center	\$1,397,000	\$339,000					\$1,736,000
Solano	STA	Transit	System Management	SOL170017	SolanoExpress Capitol Improvements	\$7,500,000						\$7,500,000
Solano	STA	Transit	System Management	SOL190002	SolanoExpress Bus Electrification		\$10,128,000	\$2,000,000				\$12,128,000
Solano	STA	Transit	System Management	SOL190023	Solano Regional Transit Improvements - TIRCP 2020		\$1,650,000	\$6,950,000	\$2,550,000		\$6,000,000	\$17,150,000
Solano	Suisun City	Local Road	Maintenance/ Rehabilitation	SOL170014	New Railroad Avenue Pavement Rehabilitation	\$64,000	\$491,000					\$555,000
Solano	Suisun City	Public Lands/ Trails	Expansion	SOL170007	McCoy Creek Trail - Phase 2	\$800,000	\$3,487,000					\$4,287,000
Solano	Vacaville	Local Road	System Management	SOL170013	Vaca Valley/I505 Multimodal Improvements	\$3,050,000		\$8,907,000			\$2,000,000	\$13,957,000
Solano	Vacaville	Transit	Operations	SOL010007	Vacaville Transit: Operating Assistance	\$23,028,833						\$23,028,833
Solano	Vacaville	Transit	Operations	SOL190022	Vacaville: COVID-19 Emergency Transit Operations	\$488,659	\$1,301,228					\$1,789,887
Solano	Vacaville	Transit	System Management	SOL130017	Transit Marketing and Public Outreach	\$215,388						\$215,388
Solano	Vallejo	Local Road	System Management	SOL110035	Vallejo Downtown Streetscape	\$4,489,000						\$4,489,000
Solano	Vallejo	Local Road	System Management	SOL190004	Vallejo - Sacramento St Road Diet and Rehab	\$89,000		\$681,000				\$770,000
Solano	Vallejo	Public Lands/ Trails	Expansion	SOL170008	Vallejo Bay Trail / Vine Trail Gap Closure	\$966,000	\$4,362,000					\$5,328,000
Solano	Vallejo	State Highway	System Management	SOL110037	Sonoma Boulevard Improvements HSIP5-04-031	\$412,402						\$412,402
<b>Solano County</b>						<b>\$655,361,941</b>	<b>\$38,664,487</b>	<b>\$154,151,000</b>	<b>\$2,709,000</b>	<b>\$29,000</b>	<b>\$722,711,617</b>	<b>\$1,573,627,045</b>
Sonoma	Cloverdale	Local Road	Expansion	SON130016	Cloverdale - Safe Routes to School Phase 2	\$267,044						\$267,044
Sonoma	Cotati	Local Road	Maintenance/ Rehabilitation	SON170015	E. Cotati Avenue Street Rehabilitation Project	\$763,000						\$763,000
Sonoma	Healdsburg	Local Road	System Management	SON170024	Healdsburg Avenue Complete Streets Improvements	\$250,000		\$1,000,000				\$1,250,000
Sonoma	MTC	Local Road	System Management	SON170002	Regional Planning Activities and PPM - Sonoma	\$6,495,181	\$350,000		\$278,000		\$153,000	\$7,276,181
Sonoma	Petaluma	Local Road	System Management	SON170011	Petaluma Blvd South Road Diet at E Street	\$323,100	\$2,972,000					\$3,295,100
Sonoma	Petaluma	Transit	Maintenance/ Rehabilitation	SON170005	Petaluma: Transit Yard & Facilities Improvements	\$226,785						\$226,785
Sonoma	Petaluma	Transit	Maintenance/ Rehabilitation	SON170017	Petaluma AVL Equipment	\$224,000						\$224,000
Sonoma	Petaluma	Transit	Maintenance/ Rehabilitation	SON170018	Petaluma Purchase 1 Remanufactured Fixed Route Bus	\$226,667						\$226,667
Sonoma	Petaluma	Transit	Maintenance/ Rehabilitation	SON170020	Petaluma: Replace 2 Paratransit Cutaways	\$180,000						\$180,000
Sonoma	Petaluma	Transit	Maintenance/ Rehabilitation	SON190004	Petaluma: Purchase Replacement Paratransit Van	\$184,000						\$184,000
Sonoma	Petaluma	Transit	Maintenance/ Rehabilitation	SON190005	Petaluma Transit: Security Systems Upgrade	\$50,000						\$50,000
Sonoma	Petaluma	Transit	Operations	SON150007	Petaluma Transit: ADA Set-Aside	\$657,180						\$657,180
Sonoma	Petaluma	Transit	Operations	SON190008	Petaluma: COVID-19 Emergency Transit Operations	\$498,342	\$562,604					\$1,060,946
Sonoma	Rohnert Park	Local Road	Maintenance/ Rehabilitation	SON170016	Rohnert Park Various Streets Rehabilitation	\$1,826,000						\$1,826,000
Sonoma	Santa Rosa	Local Road	Expansion	SON170012	Highway 101 Bicycle and Pedestrian Overcrossing		\$2,013,000				\$26,100,000	\$28,113,000
Sonoma	Santa Rosa	Local Road	Maintenance/ Rehabilitation	SON170023	Santa Rosa Pavement Rehab of Various Streets	\$180,000		\$1,869,423				\$2,049,423
Sonoma	Santa Rosa	Local Road	System Management	SON150003	Jennings Ave Bike & Ped RR Crossing Corridor	\$1,761,000						\$1,761,000
Sonoma	Santa Rosa	Local Road	System Management	SON190011	SantaRosa Downtown Comm Infrastructure Enhancement		\$52,000	\$400,000				\$452,000
Sonoma	Santa Rosa	State Highway	System Management	SON150006	US 101 Hearn Ave Interchange	\$9,150,000					\$25,500,000	\$34,650,000
Sonoma	SantaRosa Bus	Transit	Maintenance/ Rehabilitation	SON090024	Santa Rosa CityBus: Preventative Maintenance	\$11,573,051						\$11,573,051
Sonoma	SantaRosa Bus	Transit	Maintenance/ Rehabilitation	SON150008	SantaRosa Bus: Bus Replacement Purchase	\$3,622,676						\$3,622,676
Sonoma	SantaRosa Bus	Transit	Maintenance/ Rehabilitation	SON170026	Santa Rosa CityBus: Electric Bus Replacement	\$3,513,708						\$3,513,708
Sonoma	SantaRosa Bus	Transit	Operations	SON090023	Santa Rosa CityBus: Operating Assistance	\$29,527,522						\$29,527,522
Sonoma	SantaRosa Bus	Transit	Operations	SON170003	Santa Rosa CityBus-paratransit operations	\$1,948,252						\$1,948,252
Sonoma	SantaRosa Bus	Transit	Operations	SON190009	SR CityBus: COVID-19 Emergency Transit Operations	\$2,493,979	\$1,581,689					\$4,075,668
Sonoma	Sebastopol	Local Road	Maintenance/ Rehabilitation	SON170021	Bodega Avenue Bike Lanes and Pavement Rehab	\$216,000	\$2,440,729					\$2,656,729
Sonoma	SMART	Transit	Operations	SON190010	SMART: COVID-19 Emergency Transit Operations	\$10,375,471	\$4,577,061					\$14,952,532
Sonoma	Son Co Reg Park	Local Road	Expansion	SON110050	Central Sonoma Valley Trail	\$625,000						\$625,000
Sonoma	Son Co Reg Park	Public Lands/ Trails	Maintenance/ Rehabilitation	SON170025	Joe Rodota Trail Bridge Replacement	\$272,000	\$598,000					\$870,000
Sonoma	Son Co TA	Local Road	System Management	SON150010	Santa Rosa Car Share	\$390,130						\$390,130
Sonoma	Son Co TA	Local Road	System Management	SON170009	Sonoma County - County-Wide SRTS Program	\$2,310,000						\$2,310,000
Sonoma	Son Co TA	State Highway	Expansion	SON070004	US 101 Marin/Sonoma Narrows (Sonoma)	\$312,740,000					\$60,787,000	\$373,527,000
Sonoma	Son Co TA	State Highway	System Management	SON150009	Highway 116/121 Intersection Improvement Project	\$4,997,000					\$16,583,000	\$21,580,000
Sonoma	Son Co Transit	Transit	Maintenance/ Rehabilitation	SON030005	Sonoma Co Transit: Preventive Maintenance Program	\$19,569,402						\$19,569,402
Sonoma	Son Co Transit	Transit	Maintenance/ Rehabilitation	SON150012	Sonoma County Transit: Replacement CNG Buses	\$912,200						\$912,200
Sonoma	Son Co Transit	Transit	Maintenance/ Rehabilitation	SON150013	Sonoma County Transit: Replace 2006 CNG Buses	\$2,520,836						\$2,520,836
Sonoma	Son Co Transit	Transit	Maintenance/ Rehabilitation	SON170006	Sonoma County Transit: Replace 2009 CNG Buses	\$2,212,343						\$2,212,343
Sonoma	Son Co Transit	Transit	Operations	SON190007	Sonoma Co Transit: COVID-19 Emergency Transit Ops	\$3,014,482	\$2,758,113					\$5,772,595
Sonoma	Sonoma City	Local Road	Expansion	SON170022	Fryer Creek Pedestrian and Bicycle Bridge	\$158,992	\$566,000					\$724,992
Sonoma	Sonoma County	Local Road	Expansion	SON110025	Replace Hauser Bridge over Gualala River 20C0240	\$6,179,688						\$6,179,688
Sonoma	Sonoma County	Local Road	Expansion	SON170014	Crocker Bridge Bike and Pedestrian Passage	\$750,000		\$2,741,000				\$3,491,000
Sonoma	Sonoma County	Local Road	Maintenance/ Rehabilitation	SON130010	Sonoma County Various Streets & Roads Preservation	\$3,815,000						\$3,815,000
Sonoma	Sonoma County	Local Road	Maintenance/ Rehabilitation	SON130015	Bodega Highway Pavement Rehabilitation	\$1,190,000						\$1,190,000
Sonoma	Sonoma County	Local Road	Maintenance/ Rehabilitation	SON170010	Sonoma County - River Road Pavement Rehab	\$3,687,000						\$3,687,000
Sonoma	Sonoma County	Local Road	Maintenance/ Rehabilitation	SON170013	Rehabilitation of Various Roads in Sonoma County	\$2,929,000						\$2,929,000
Sonoma	Sonoma County	Local Road	System Management	SON150011	Sonoma SRTS High School Pilot	\$872,000						\$872,000
Sonoma	Windsor	Local Road	System Management	SON130012	Conde Ln/Johnson St Pedestrian Improvements	\$605,000						\$605,000
Sonoma	Windsor	Local Road	System Management	SON130013	Bell Rd/Market St/Windsor River Rd Ped Improvement	\$715,500						\$715,500
Sonoma	Windsor	Local Road	System Management	SON170001	Windsor River Road/Windsor Road Intersection Imps	\$800,000	\$5,000,000					\$5,800,000
<b>Sonoma County</b>						<b>\$457,798,531</b>	<b>\$23,471,196</b>	<b>\$6,010,423</b>	<b>\$278,000</b>	<b>\$129,123,000</b>	<b>\$616,681,150</b>	
Multi-County	ACE	Transit	System Management	REG110044	ACE Positive Train Control	\$10,631,214					\$23,694,144	\$34,325,358
Multi-County	BAAQMD	Regional	System Management	REG170019	Spare the Air	\$5,000,000						\$5,000,000
Multi-County	BAAQMD	Regional	System Management	REG170020	Electric Vehicle Programs and Outreach	\$5,000,000						\$5,000,000
Multi-County	BAAQMD	Regional	System Management	REG170021	Electric Vehicle Infrastructure/Vehicle Buyback	\$10,000,000						\$10,000,000

**TIP Project Listings - Funding by Year  
2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Multi-County	BAIFA	Tollway	System Management	REG130004	Regional Express Lane Network	\$78,011,000						\$78,011,000
Multi-County	BAIFA	Tollway	System Management	VAR170003	ALA/CC-80 and Bay Bridge Approach Express Lanes	\$5,000,000				\$93,300,000		\$98,300,000
Multi-County	BART	Transit	Expansion	REG170017	BART Transbay Core Capacity Improvements	\$1,375,290,000			\$174,110,000	\$1,961,300,000		\$3,510,700,000
Multi-County	BART	Transit	Maintenance/ Rehabilitation	BRT030004	BART Train Control Renovation	\$263,968,188						\$263,968,188
Multi-County	BART	Transit	Maintenance/ Rehabilitation	BRT030005	BART: Traction Power System Renovation	\$227,628,454						\$227,628,454
Multi-County	BART	Transit	Maintenance/ Rehabilitation	BRT97100B	BART: Rail, Way and Structures Program	\$297,027,833						\$297,027,833
Multi-County	BART	Transit	Maintenance/ Rehabilitation	REG050020	BART Car Exchange (Preventive Maintenance)	\$479,893,581				\$194,491,031		\$674,384,612
Multi-County	BART	Transit	Maintenance/ Rehabilitation	REG090037	BART: Railcar Procurement Program	\$2,005,965,028		\$4,000,000			\$718,334,219	\$2,728,299,247
Multi-County	BART	Transit	System Management	BRT99T01B	BART:ADA Paratransit Capital Accessibility Improve	\$53,870,546						\$53,870,546
Multi-County	BART	Transit	System Management	REG150005	Transit-Oriented Development Pilot Planning Progra	\$1,420,000						\$1,420,000
Multi-County	BART	Transit	System Management	REG170008	BART Integrated Carpool to Transit Access Program	\$521,000						\$521,000
Multi-County	BART	Transit	System Management	REG170009	BART Train Seat Modification	\$1,698,000						\$1,698,000
Multi-County	BART	Transit	System Management	VAR190002	BART: TOD Implementation	\$1,582,000	\$3,610,000					\$5,192,000
Multi-County	Caltrain	Transit	Maintenance/ Rehabilitation	REG090051	Caltrain: Revenue Vehicle Rehab Program	\$14,846,186						\$14,846,186
Multi-County	Caltrain	Transit	Maintenance/ Rehabilitation	SM-050041	Caltrain: Signal/Communication Rehab. & Upgrades	\$46,878,323						\$46,878,323
Multi-County	Caltrain	Transit	System Management	REG110030	Caltrain Positive Train Control System	\$258,100,000						\$258,100,000
Multi-County	Caltrans	Local Road	Maintenance/ Rehabilitation	VAR170012	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	\$249,147,227	\$32,800,974	\$34,064,875	\$498,280,815			\$814,293,891
Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	VAR170004	GL: Pavement Resurfacing/Rehab SHS - Highway Maint	\$53,394,000						\$53,394,000
Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	VAR170006	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	\$659,275,000	\$88,280,000	\$149,862,000	\$213,468,000	\$310,060,000		\$1,420,945,000
Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	VAR170008	GL: Emergency Repair - SHOPP Emergency Response	\$634,586,000	\$82,056,000	\$41,842,000	\$27,377,000	\$2,323,000		\$788,184,000
Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	VAR170010	GL: Bridge Rehab and Reconstruction - SHOPP	\$706,507,000	\$76,840,000	\$169,233,000	\$34,795,000	\$228,027,000		\$1,215,402,000
Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	VAR170011	GL: Shoulder Imprv - SHOPP Roadside Preservation	\$7,608,000	\$6,849,000	\$418,000	\$3,605,000			\$18,480,000
Multi-County	Caltrans	State Highway	Maintenance/ Rehabilitation	VAR190001	GL: Pvmnt Resurf/Rehab State Hwy Sys - SHOPP Minor	\$18,349,000	\$26,719,000					\$45,068,000
Multi-County	Caltrans	State Highway	System Management	VAR170002	GL: Highway Safety Improvement Program	\$40,794,403	\$13,427,391	\$18,614,739				\$72,836,533
Multi-County	Caltrans	State Highway	System Management	VAR170005	GL: Safety Improvements - SHOPP Mobility Program	\$145,697,000	\$28,175,000	\$109,881,000	\$172,718,000	\$44,999,000		\$501,470,000
Multi-County	Caltrans	State Highway	System Management	VAR170007	GL: Safety Imprv. - SHOPP Collision Reduction	\$579,805,000	\$43,153,000	\$203,260,000	\$12,589,000	\$59,804,000		\$898,611,000
Multi-County	Caltrans	State Highway	System Management	VAR170009	GL: Safety Improvements - SHOPP Mandates	\$84,800,000	\$22,548,000	\$47,918,000	\$41,714,000	\$36,011,000		\$232,991,000
Multi-County	Caltrans	State Highway	System Management	VAR170017	GL: Railroad-Highway Crossing	\$20,371,288	\$3,375,000					\$23,746,288
Multi-County	MTC	Local Road	Maintenance/ Rehabilitation	REG090039	Regional Streets and Roads Program	\$27,627,421		\$350,000				\$27,977,421
Multi-County	MTC	Local Road	System Management	REG130005	Bay Area Housing Initiatives	\$30,000,000						\$30,000,000
Multi-County	MTC	Local Road	System Management	REG170001	Regional Planning Activities and PPM - MTC	\$12,754,000	\$723,000	\$750,000	\$776,000	\$803,000	\$832,000	\$16,638,000
Multi-County	MTC	Local Road	System Management	REG170010	Reg. Prog. for Arterial System Synchronization	\$5,650,000						\$5,650,000
Multi-County	MTC	Local Road	System Management	REG170012	Shared Use Mobility	\$2,500,000						\$2,500,000
Multi-County	MTC	Local Road	System Management	REG170015	Innovative Deployments to Enhance Arterials Ct 1&2	\$13,734,100						\$13,734,100
Multi-County	MTC	Local Road	System Management	VAR170024	Bike Share Capital Program	\$2,584,000	\$700,000					\$3,284,000
Multi-County	MTC	Regional	System Management	REG090042	511 Traveler Information	\$106,120,000						\$106,120,000
Multi-County	MTC	Regional	System Management	REG170004	Bay Bridge Forward - Commuter Parking Initiative	\$12,000,000						\$12,000,000
Multi-County	MTC	Regional	System Management	REG170006	Spare the Air Youth	\$2,463,000						\$2,463,000
Multi-County	MTC	Regional	System Management	REG170013	511 Next Gen	\$28,226,000	\$5,372,000					\$33,598,000
Multi-County	MTC	Regional	System Management	REG170014	Active Operations Management	\$14,250,000	\$9,687,000					\$23,937,000
Multi-County	MTC	Regional	System Management	REG170016	Regional Planning - PDA Implementation	\$9,657,744		\$10,279,000				\$19,936,744
Multi-County	MTC	Regional	System Management	REG170024	Bay Bridge Forward-Commuter Parking Initiative O&M	\$2,500,000						\$2,500,000
Multi-County	MTC	Regional	System Management	REG170025	Community Based Transportation Planning	\$1,504,536						\$1,504,536
Multi-County	MTC	Regional	System Management	REG170027	Targeted Transportation Alternatives	\$325,000						\$325,000
Multi-County	MTC	Regional	System Management	REG170028	Regional Car Sharing	\$1,200,411						\$1,200,411
Multi-County	MTC	Regional	System Management	VAR190003	FPP: I-80 in Alameda, Contra Costa and SF	\$3,000,000						\$3,000,000
Multi-County	MTC	State Highway	System Management	REG090003	Freeway Performance Initiative (FPI)	\$255,419,588					\$51,586,050	\$307,005,638
Multi-County	MTC	State Highway	System Management	REG170002	Connected Bay Area	\$6,650,000	\$1,840,000	\$10,600,000				\$19,090,000
Multi-County	MTC	State Highway	System Management	REG170003	511 Carpool and Vanpool Programs	\$14,440,222					\$3,150,000	\$17,590,222
Multi-County	MTC	State Highway	System Management	REG170005	Bay Bridge Forward - Flexible On-Demand Transit	\$1,000,000						\$1,000,000
Multi-County	MTC	State Highway	System Management	REG170007	Incident Management Program	\$4,677,000						\$4,677,000
Multi-County	MTC	State Highway	System Management	REG170018	Connected & Automated Vehicles	\$2,500,000						\$2,500,000
Multi-County	MTC	State Highway	System Management	VAR170013	Bay Bridge Forward - Casual Carpool	\$1,000,000						\$1,000,000
Multi-County	MTC	State Highway	System Management	VAR170014	Bay Bridge Forward - Integrated Bridge Corridor	\$3,000,000						\$3,000,000
Multi-County	MTC	State Highway	System Management	VAR170021	Freeway Performance Program: I-880 Corridor	\$3,000,000						\$3,000,000
Multi-County	MTC	State Highway	System Management	VAR170023	Freeway Performance Program: SR-84	\$375,000		\$4,000,000				\$4,375,000
Multi-County	MTC	State Highway	System Management	VAR190004	Freeway Performance Program: SR 37	\$1,000,000						\$1,000,000
Multi-County	MTC	Tollway	Maintenance/ Rehabilitation	REG130001	Toll Bridge Maintenance	\$93,000,000	\$21,000,000	\$21,000,000	\$21,000,000	\$21,000,000		\$177,000,000
Multi-County	MTC	Tollway	Maintenance/ Rehabilitation	REG130002	Toll Bridge Rehabilitation Program	\$953,091,906	\$51,000,000	\$34,000,000	\$41,000,000	\$33,000,000		\$1,112,091,906
Multi-County	MTC	Transit	Maintenance/ Rehabilitation	REG170023	TCP Financing Repayment Obligations	\$35,070,000					\$1,503,139,625	\$1,538,209,625
Multi-County	MTC	Transit	Maintenance/ Rehabilitation	VAR190007	GL: Transit Preventive Maintenance	\$10,991,822						\$10,991,822
Multi-County	MTC	Transit	Operations	REG110039	GL: 5307 JARC Set-aside FY13-FY14 Large UA	\$6,389,078						\$6,389,078
Multi-County	MTC	Transit	Operations	REG150004	GL: Lifeline Cycle 4 5307 JARC	\$17,347,062						\$17,347,062
Multi-County	MTC	Transit	Operations	VAR150001	GL: FTA 5311 Rural Area FY16	\$3,048,098						\$3,048,098
Multi-County	MTC	Transit	Operations	VAR170018	GL: FTA 5311 Rural Area FY17	\$2,986,520						\$2,986,520
Multi-County	MTC	Transit	Operations	VAR170019	GL: FTA 5311 Rural Area FY18	\$2,912,075						\$2,912,075
Multi-County	MTC	Transit	Operations	VAR170025	GL: Lifeline Transportation Program Cycle 5	\$23,877,300						\$23,877,300
Multi-County	MTC	Transit	Operations	VAR170026	GL: FTA 5311 Rural Area FY19 and FY20	\$5,674,212						\$5,674,212
Multi-County	MTC	Transit	Operations	VAR190006	GL: Transit Operating Assistance	\$39,789,546						\$39,789,546
Multi-County	MTC	Transit	System Management	MTC050001	Bay Area Commuter Benefits Program	\$6,379,000	\$406,000					\$6,785,000
Multi-County	MTC	Transit	System Management	REG090045	Clipper Fare Collection System	\$128,233,455						\$128,233,455

**TIP Project Listings - Funding by Year**  
**2021 TIP: Funding for All Years**

Report Sorted by: County, Sponsor, System, Purpose, TIP ID

County	Sponsor	System	Purpose	TIP ID	Project Name	Prior	FY2020-21	FY2021-22	FY2022-23	FY2023-24	Later	Total Project Cost
Multi-County	MTC	Transit	System Management	REG170022	Clipper® 2.0 Fare Payment System	\$92,083,571					\$156,436,429	\$248,520,000
Multi-County	MTC	Transit	System Management	REG190001	MTC: COVID-19 Emergency Transit Operations	\$10,978,407	\$1,905,786					\$12,884,193
Multi-County	MTC	Transit	System Management	VAR190005	GL: FTA Section 5310 Program FY18 and FY19	\$14,130,385						\$14,130,385
Multi-County	SMART	Transit	Expansion	SON090002	Sonoma Marin Area Rail Corridor	\$630,224,625	\$10,757,000					\$640,981,625
Multi-County	WETA	Transit	Expansion	MTC050027	Ferry Service - Berkeley	\$2,615,000		\$6,319,664				\$8,934,664
Multi-County	WETA	Transit	Maintenance/ Rehabilitation	REG090054	WETA: Ferry Channel & Berth Dredging	\$6,395,000						\$6,395,000
Multi-County	WETA	Transit	Maintenance/ Rehabilitation	REG090055	WETA: Ferry Propulsion System Replacement	\$30,817,000						\$30,817,000
Multi-County	WETA	Transit	Maintenance/ Rehabilitation	REG090057	WETA: Ferry Major Component Rehab/Replacement	\$29,084,462						\$29,084,462
Multi-County	WETA	Transit	Maintenance/ Rehabilitation	REG090067	WETA: Fixed Guideway Connectors	\$14,625,552						\$14,625,552
Multi-County	WETA	Transit	Maintenance/ Rehabilitation	REG110020	WETA: Facilities Rehabilitation	\$330,514						\$330,514
Multi-County	WETA	Transit	Operations	VAR190008	WETA: COVID-19 Emergency Transit Operations	\$12,529,213	\$6,227,645					\$18,756,858
<b>Regional/ Multi-County</b>						<b>\$11,084,427,096</b>	<b>\$537,451,796</b>	<b>\$866,392,278</b>	<b>\$1,067,322,815</b>	<b>\$910,137,000</b>	<b>\$4,706,263,498</b>	<b>\$19,171,994,483</b>
<b>Bay Area Total</b>						<b>\$28,418,992,437</b>	<b>\$2,382,103,416</b>	<b>\$1,793,835,589</b>	<b>\$4,365,485,041</b>	<b>\$1,741,349,387</b>	<b>\$19,478,053,293</b>	<b>\$58,179,819,163</b>



**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Bicycle/Pedestrian	Alameda	ACTC	Expansion	ALA150008	East Bay Greenway						\$203,501,000
Bicycle/Pedestrian	Alameda	ACTC	System Management	ALA110033	Alameda County Safe Routes to School						\$24,568,665
Bicycle/Pedestrian	Alameda	Alameda	Expansion	ALA150007	Cross Alameda Trail (includes SRTS component)						\$2,521,000
Bicycle/Pedestrian	Alameda	Alameda	System Management	ALA170049	Central Avenue Safety Improvements	\$300,000	\$11,177,000			\$11,477,000	\$12,214,000
Bicycle/Pedestrian	Alameda	Alameda	System Management	ALA170073	Clement Avenue Complete Streets		\$5,029,000			\$5,029,000	\$5,670,000
Bicycle/Pedestrian	Alameda	Alameda County	Expansion	ALA190021	Niles Canyon Trail, Phase I		\$100,000			\$100,000	\$28,901,000
Bicycle/Pedestrian	Alameda	Alameda County	System Management	ALA170047	Active Oakland: A Comprehensive SR2S Program						\$977,000
Bicycle/Pedestrian	Alameda	Alameda County	System Management	ALA190015	Active and Safe Oakland						\$999,000
Bicycle/Pedestrian	Alameda	Alameda County	System Management	ALA190019	Alameda County Complete Street Improvements			\$14,950,000		\$14,950,000	\$23,050,000
Bicycle/Pedestrian	Alameda	Alameda County	System Management	ALA190022	E14th St/Mission Blvd Corridor Improvements		\$9,425,000			\$9,425,000	\$27,279,940
Bicycle/Pedestrian	Alameda	Albany	System Management	ALA170088	San Pablo Ave & Buchanan St Pedestrian Imps.	\$340,000				\$340,000	\$5,275,086
Bicycle/Pedestrian	Alameda	Albany	System Management	ALA190016	Ohlone Greenway Trail Safety Improvements						\$665,000
Bicycle/Pedestrian	Alameda	Berkeley	Expansion	ALA130035	Bay Trail Shoreline Access Staging Area						\$2,139,635
Bicycle/Pedestrian	Alameda	Berkeley	Expansion	ALA150048	9th St Bicycle Blvd Extension Pathway Ph II						\$895,000
Bicycle/Pedestrian	Alameda	Berkeley	Expansion	ALA170094	Berkeley - Sacramento St Complete Streets Imps						\$1,814,000
Bicycle/Pedestrian	Alameda	Berkeley	System Management	ALA130028	Hearst Avenue Complete Streets						\$3,524,000
Bicycle/Pedestrian	Alameda	Berkeley	System Management	ALA170054	John Muir Safe Routes to School						\$374,080
Bicycle/Pedestrian	Alameda	Berkeley	System Management	ALA170067	Southside Complete Streets & Transit Improvement			\$8,285,329		\$8,285,329	\$9,414,890
Bicycle/Pedestrian	Alameda	EB Reg Park Dis	Expansion	ALA170077	Doolittle Drive Bay Trail	\$9,800,000				\$9,800,000	\$11,100,000
Bicycle/Pedestrian	Alameda	Fremont	System Management	ALA170076	Centerville Complete Streets of Relinquished SR84		\$7,354,000			\$7,354,000	\$8,693,000
Bicycle/Pedestrian	Alameda	MTC	Expansion	ALA110104	Bay Bridge Park	\$11,000,000				\$11,000,000	\$16,500,000
Bicycle/Pedestrian	Alameda	MTC	Expansion	ALA130030	Improved Bike/Ped Access to East Span of SFOBB		\$2,000,000			\$2,000,000	\$36,500,000
Bicycle/Pedestrian	Alameda	MTC	System Management	ALA170012	Bay Bridge Forward-Commuter Parking Access Imps.		\$820,000			\$820,000	\$820,000
Bicycle/Pedestrian	Alameda	Oakland	Expansion	ALA130003	Lake Merritt to Bay Trail Bike/Ped Bridge		\$100,000	\$1,000,000		\$1,100,000	\$19,212,000
Bicycle/Pedestrian	Alameda	Oakland	Expansion	ALA170043	Oakland - 14th Street Safe Routes in the City						\$14,032,000
Bicycle/Pedestrian	Alameda	Oakland	Expansion	ALA170051	Fruitvale Alive Bike/Ped Gap Closure	\$8,529,000				\$8,529,000	\$10,095,000
Bicycle/Pedestrian	Alameda	Oakland	Expansion	ALA170063	Lakeside Family Streets	\$4,962,000				\$4,962,000	\$5,415,000
Bicycle/Pedestrian	Alameda	Oakland	Maintenance/ Rehabilitation	ALA150010	International Boulevard Improvement Project						\$6,254,000
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA110072	Lake Merritt Improvement Project						\$827,900
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA130024	Lakeside Complete Streets and Road Diet						\$15,705,000
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA150012	Laurel Access to Mills, Maxwell Park and Seminary						\$7,056,925
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA150042	Oakland: Telegraph Ave Bike/Ped Imps and Road Diet						\$1,493,900
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA150043	Oakland: Shattuck and Claremont Bike/Ped Imps						\$1,560,100
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA150044	19th St BART to Lake Merritt Urban Greenway						\$4,683,000
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA150047	Oakland: Telegraph Avenue Complete Streets	\$4,037,000				\$4,037,000	\$4,914,000
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA170052	Oakland Fruitvale Ave Bike/Ped Imprvmnts H8-04-014						\$1,466,507
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA170053	Oakland 35th Ave Bike/Ped Improvements H8-04-015						\$2,903,800
Bicycle/Pedestrian	Alameda	Oakland	System Management	ALA170078	Oakland - Crossing to Safety						\$2,117,000
Bicycle/Pedestrian	Contra Costa	CC County	Expansion	CC-130003	Bailey Road Bike and Pedestrian Improvements						\$4,774,000
Bicycle/Pedestrian	Contra Costa	CC County	Expansion	CC-130027	Port Chicago Hwy/Willow Pass Rd Bike Ped Upgrades						\$1,722,700
Bicycle/Pedestrian	Contra Costa	CC County	Expansion	CC-150010	CC County - Rio Vista Elementary Ped Connection						\$905,000
Bicycle/Pedestrian	Contra Costa	CC County	Expansion	CC-170020	Fred Jackson Way First Mile/Last Mile Connection	\$2,937,000				\$2,937,000	\$4,693,000
Bicycle/Pedestrian	Contra Costa	CC County	Expansion	CC-170021	Pacheco Blvd Sidewalk Gap Closure Phase 3						\$1,359,000
Bicycle/Pedestrian	Contra Costa	CC County	System Management	CC-130001	Bailey Road-State Route 4 Interchange						\$5,195,000
Bicycle/Pedestrian	Contra Costa	CC County	System Management	CC-170029	West County Walk and Bike Leaders						\$634,000
Bicycle/Pedestrian	Contra Costa	CCCTA	System Management	CC-130045	CCCTA: Access Improvements Implementation						\$778,650
Bicycle/Pedestrian	Contra Costa	CCTA	Expansion	CC-070067	Mokelumne Trail Bike/Ped Overcrossing						\$11,472,000
Bicycle/Pedestrian	Contra Costa	Concord	Expansion	CC-130006	Concord BART Station Bike/Ped Access Improvements						\$1,825,000
Bicycle/Pedestrian	Contra Costa	Concord	Expansion	CC-170039	Monument Boulevard Class I Path	\$32,000	\$4,315,000			\$4,347,000	\$5,329,000
Bicycle/Pedestrian	Contra Costa	Concord	System Management	CC-170050	Downtown Corridors Bike/Pedestrian Improvements						\$4,351,000
Bicycle/Pedestrian	Contra Costa	Danville	Expansion	CC-130038	Vista Grande Street Pedestrian Improvements/SR2S						\$207,275
Bicycle/Pedestrian	Contra Costa	EB Reg Park Dis	Expansion	CC-190019	SF Bay Trail Point Molate	\$1,000,000				\$1,000,000	\$4,020,500
Bicycle/Pedestrian	Contra Costa	EI Cerrito	System Management	CC-070046	EI Cerrito del Norte Area TOD Complete Street Imps	\$1,696,000	\$5,000	\$6,715,680		\$8,416,680	\$9,176,680
Bicycle/Pedestrian	Contra Costa	MTC	System Management	CC-190011	Richmond-San Rafael Bridge Bicycle Access						\$500,000
Bicycle/Pedestrian	Contra Costa	Pittsburg	Expansion	CC-170040	Pittsburg BART Pedestrian and Bicycle Connectivity	\$3,827,000				\$3,827,000	\$4,520,000
Bicycle/Pedestrian	Contra Costa	Pittsburg	System Management	CC-170049	Pittsburg Active Transp. and Safe Routes Plan						\$312,000
Bicycle/Pedestrian	Contra Costa	Richmond	Expansion	CC-130047	37th Street Bicycle & Pedestrian Improvements						\$368,600
Bicycle/Pedestrian	Contra Costa	Richmond	System Management	CC-150016	The Yellow Brick Road in Richmond's Iron Triangle						\$6,452,000
Bicycle/Pedestrian	Contra Costa	Richmond	System Management	CC-170056	Lincoln Elementary SRTS Pedestrian Enhancements		\$562,000			\$562,000	\$610,000
Bicycle/Pedestrian	Contra Costa	San Pablo	System Management	CC-150017	Rumrill Blvd Complete Streets Improvements	\$15,088,949				\$15,088,949	\$16,248,949
Bicycle/Pedestrian	Contra Costa	San Ramon	Expansion	CC-170014	Iron Horse Trail Bike and Pedestrian Overcrossing	\$900,000	\$16,584,000			\$17,484,000	\$21,746,000
Bicycle/Pedestrian	Contra Costa	San Ramon	System Management	CC-170026	San Ramon Valley Street Smarts						\$493,000
Bicycle/Pedestrian	Marin	Corte Madera	Expansion	MRN170019	Corte Madera-Paradise Drive Multiuse Path	\$673,000				\$673,000	\$1,045,000
Bicycle/Pedestrian	Marin	Corte Madera	System Management	MRN170023	Central Marin Regional Pathway Gap Closure						\$469,100
Bicycle/Pedestrian	Marin	Fairfax	System Management	MRN130009	Parkade Circulation and Safety Improvements						\$400,000
Bicycle/Pedestrian	Marin	GGBHTD	System Management	MRN050019	Golden Gate Bridge-Suicide Deterrent SafetyBarrier	\$22,681,887	\$2,078,781	\$6,057,600		\$30,818,268	\$256,934,969
Bicycle/Pedestrian	Marin	Larkspur	Expansion	MRN190011	Old Redwood Highway Multi-Use Path	\$1,270,000				\$1,270,000	\$1,400,000
Bicycle/Pedestrian	Marin	Marin County	System Management	MRN190015	Marin City Pedestrian Crossing Improvements	\$34,000	\$306,000			\$340,000	\$340,000
Bicycle/Pedestrian	Marin	Natl Park Svc	Expansion	MRN170028	Fort Baker's Vista Point Trail		\$1,500,000			\$1,500,000	\$1,600,000
Bicycle/Pedestrian	Marin	Novato	Expansion	MRN170026	Hill Recreation Area Improvements						\$898,000

**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Bicycle/Pedestrian	Marin	San Anselmo	Expansion	MRN130013	Sunny Hill Ridge and Red Hill Trails						\$160,000
Bicycle/Pedestrian	Marin	San Anselmo	System Management	MRN170020	San Anselmo Bike Spine	\$257,500				\$257,500	\$303,900
Bicycle/Pedestrian	Marin	San Rafael	Expansion	MRN150008	Grand Avenue Bicycle Pedestrian Improvements						\$2,913,003
Bicycle/Pedestrian	Marin	San Rafael	Expansion	MRN170016	Francisco Blvd West Multi-Use Pathway						\$6,231,675
Bicycle/Pedestrian	Marin	San Rafael	System Management	MRN170012	Francisco Boulevard East Sidewalk Widening	\$2,100,000				\$2,100,000	\$7,512,000
Bicycle/Pedestrian	Marin	Sausalito	System Management	MRN110010	Sausalito - Bridgeway/US 101 Off Ramp Bicycle Imps						\$854,000
Bicycle/Pedestrian	Marin	TAM	Expansion	MRN170011	North-South Greenway Gap Closure						\$19,050,000
Bicycle/Pedestrian	Napa	American Canyon	Expansion	NAP170006	Green Island Road Class I	\$1,000,000				\$1,000,000	\$1,079,000
Bicycle/Pedestrian	Napa	Napa	Expansion	NAP130004	State Route 29 Bicycle & Pedestrian Undercrossing	\$1,071,000				\$1,071,000	\$1,329,000
Bicycle/Pedestrian	Napa	Napa	Expansion	NAP170007	Vine Trail Gap Closure - Soscol Avenue Corridor						\$1,487,000
Bicycle/Pedestrian	Napa	NVTA	Expansion	NAP110014	Napa Valley Vine Trail Design and Construction						\$9,269,064
Bicycle/Pedestrian	Napa	NVTA	Expansion	NAP150003	Napa Valley Vine Trail Calistoga-St. Helena Seg.	\$10,465,640				\$10,465,640	\$12,261,640
Bicycle/Pedestrian	Napa	NVTA	System Management	NAP170004	Napa County Safe Routes to Schools						\$811,000
Bicycle/Pedestrian	Napa	Saint Helena	Maintenance/ Rehabilitation	NAP170005	Main Street St. Helena Pedestrian Improvements	\$1,206,000				\$1,206,000	\$1,393,000
Bicycle/Pedestrian	Napa	Yountville	Expansion	NAP130008	Hopper Creek Pedestrian Bridge and Path Project						\$600,000
Bicycle/Pedestrian	Regional/ Multi-County	MTC	System Management	REG170006	Spare the Air Youth						\$2,463,000
Bicycle/Pedestrian	Regional/ Multi-County	MTC	System Management	VAR170024	Bike Share Capital Program	\$700,000				\$700,000	\$3,284,000
Bicycle/Pedestrian	San Francisco	Port of SF	Expansion	SF-130021	Pier 70 19th Street & Illinois Street Sidewalk						\$2,825,000
Bicycle/Pedestrian	San Francisco	Port of SF	System Management	SF-170012	Cargo Way and Amador Street Improvements	\$500,000				\$500,000	\$15,300,000
Bicycle/Pedestrian	San Francisco	SF DPW	Expansion	SF-090004	Harney Way Roadway Widening						\$27,500,000
Bicycle/Pedestrian	San Francisco	SF DPW	Expansion	SF-170013	HOPE SF Street Network - Sunnysdale and Potrero						\$34,000,000
Bicycle/Pedestrian	San Francisco	SF DPW	System Management	SF-130011	SF- Second Street Complete Streets and Road Diet						\$20,495,291
Bicycle/Pedestrian	San Francisco	SF DPW	System Management	SF-150001	John Yehall Chin Safe Routes to School						\$5,261,433
Bicycle/Pedestrian	San Francisco	SF DPW	System Management	SF-190010	Alemany Interchange Improvements, Phase 2	\$2,227,000				\$2,227,000	\$2,427,000
Bicycle/Pedestrian	San Francisco	SFMTA	Expansion	SF-170014	SF - Powell Street Safety Improvement	\$4,400,000	\$6,444,919	\$3,837,621		\$14,682,540	\$17,722,540
Bicycle/Pedestrian	San Francisco	SFMTA	System Management	SF-170006	SFMTA: Station-area Ped and Bike Access Improvemnt						\$1,562,500
Bicycle/Pedestrian	San Francisco	SFMTA	System Management	SF-190005	6th Street Pedestrian Safety Improvements	\$6,000,000	\$4,000,000			\$10,000,000	\$23,761,000
Bicycle/Pedestrian	San Mateo	Belmont	System Management	SM-170042	Ralston Avenue Corridor Bike-Ped Imps	\$1,600,000				\$1,600,000	\$1,800,000
Bicycle/Pedestrian	San Mateo	Brisbane	Maintenance/ Rehabilitation	SM-170041	Crocker Trail Commuter Connectivity Upgrades	\$150,000	\$1,000,000			\$1,150,000	\$1,150,000
Bicycle/Pedestrian	San Mateo	Burlingame	Maintenance/ Rehabilitation	SM-170020	Burlingame: Broadway PDA Lighting Improvements						\$900,000
Bicycle/Pedestrian	San Mateo	Colma	System Management	SM-170022	Colma - Mission Road Bike/Ped Improvements						\$2,650,000
Bicycle/Pedestrian	San Mateo	Daly City	Expansion	SM-150012	Daly City Central Corridor Bike/Ped Safety Imprmnt						\$2,669,000
Bicycle/Pedestrian	San Mateo	East Palo Alto	System Management	SM-070006	US 101 University Ave Interchange Improvements						\$7,007,000
Bicycle/Pedestrian	San Mateo	Half Moon Bay	System Management	SM-170013	Half Moon Bay - Poplar Complete Streets		\$1,202,000			\$1,202,000	\$1,358,000
Bicycle/Pedestrian	San Mateo	Pacifica	Expansion	SM-170004	Manor Drive Overcrossing and Milagra On Ramp						\$20,275,000
Bicycle/Pedestrian	San Mateo	Pacifica	Expansion	SM-170029	Pacifica - Palmetto Sidewalk Extension						\$413,000
Bicycle/Pedestrian	San Mateo	Redwood City	Expansion	SM-170045	US 101/Woodside Road Class 1 Bikeway		\$1,071,000			\$1,071,000	\$1,232,000
Bicycle/Pedestrian	San Mateo	San Bruno	System Management	SM-170017	Huntington Transit Corridor Bike/Ped Improvements		\$1,002,000			\$1,002,000	\$1,157,000
Bicycle/Pedestrian	San Mateo	San Carlos	System Management	SM-170034	Ped Enhancements Arroyo/Cedar & Hemlock/Orange						\$730,000
Bicycle/Pedestrian	San Mateo	San Mateo	Expansion	SM-170006	East Hillsdale Boulevard Ped/Bike Overcrossing						\$30,850,000
Bicycle/Pedestrian	San Mateo	San Mateo	System Management	SM-170038	North San Mateo Drive Sustainable Streets						\$3,963,600
Bicycle/Pedestrian	San Mateo	San Mateo	System Management	SM-170039	Laurie Meadows Ped/Bike Safety Improvements	\$987,000				\$987,000	\$1,115,000
Bicycle/Pedestrian	San Mateo	San Mateo Co	Expansion	SM-130032	Midcoast Multi-Modal Trail						\$4,514,000
Bicycle/Pedestrian	San Mateo	San Mateo Co	System Management	SM-170001	Hwy 1 Congestion & Safety Improvements		\$850,000			\$850,000	\$7,200,000
Bicycle/Pedestrian	San Mateo	SF City/County	Expansion	SM-130031	Southern Skyline Blvd. Ridge Trail Extension	\$3,000,000				\$3,000,000	\$14,700,000
Bicycle/Pedestrian	San Mateo	SSF	System Management	SM-150015	SSF Linden/Spruce Ave Traffic Calming Improvements						\$1,038,000
Bicycle/Pedestrian	Santa Clara	Campbell	System Management	SCL190042	Harriet Avenue Sidewalk Improvements	\$205,000	\$1,150,000			\$1,355,000	\$1,355,000
Bicycle/Pedestrian	Santa Clara	Los Gatos	Expansion	SCL170028	Los Gatos Creek Trail to Hwy 9 Trailhead Connector						\$4,387,440
Bicycle/Pedestrian	Santa Clara	Los Gatos	System Management	SCL190033	Shannon Road Complete Streets		\$1,190,000			\$1,190,000	\$1,290,000
Bicycle/Pedestrian	Santa Clara	Palo Alto	Expansion	SCL170053	Waverley, E. Meadow & Fabian Enhanced Bikeways		\$480,000	\$919,000		\$1,399,000	\$1,399,000
Bicycle/Pedestrian	Santa Clara	Palo Alto	System Management	SCL170051	Palo Alto-El Camino Real Ped Safety & Streetscape		\$709,000	\$4,655,000		\$5,364,000	\$5,364,000
Bicycle/Pedestrian	Santa Clara	San Jose	Expansion	SCL050082	Bay Trail Reach 9 & 9B						\$8,538,000
Bicycle/Pedestrian	Santa Clara	San Jose	Expansion	SCL050083	Coyote Creek Trail (Hwy 237-Story Rd)	\$4,046,000				\$4,046,000	\$41,582,631
Bicycle/Pedestrian	Santa Clara	San Jose	Expansion	SCL110029	San Jose: Los Gatos Creek Reach 5 Underpass						\$5,050,000
Bicycle/Pedestrian	Santa Clara	San Jose	Expansion	SCL130004	San Jose - Better Bikeways						\$1,674,000
Bicycle/Pedestrian	Santa Clara	San Jose	Expansion	SCL130016	East San Jose Bikeways						\$2,532,000
Bicycle/Pedestrian	Santa Clara	San Jose	Expansion	SCL190029	Better Bikeway San Jose - San Fernando Street	\$1,989,000	\$9,272,000			\$11,261,000	\$11,919,000
Bicycle/Pedestrian	Santa Clara	San Jose	System Management	SCL170029	Tully Road Safety Improvements	\$8,550,360				\$8,550,360	\$10,950,000
Bicycle/Pedestrian	Santa Clara	San Jose	System Management	SCL170030	McKee Road Safety Improvements	\$8,573,933				\$8,573,933	\$10,980,000
Bicycle/Pedestrian	Santa Clara	San Jose	System Management	SCL170031	Mt Pleasant Ped & Bike Traffic Safety Improvements	\$991,793				\$991,793	\$1,260,000
Bicycle/Pedestrian	Santa Clara	San Jose	System Management	SCL170061	W San Carlos Urban Village Streets Improvements	\$3,333,000	\$6,767,000			\$10,100,000	\$10,100,000
Bicycle/Pedestrian	Santa Clara	San Jose	System Management	SCL170062	Eastside Alum Rock (East of 680) Urban Village						\$446,000
Bicycle/Pedestrian	Santa Clara	San Jose	System Management	SCL190028	Willow-Keyes Complete Streets Improvements	\$1,062,631	\$3,872,461	\$15,038,192		\$19,973,284	\$19,973,284
Bicycle/Pedestrian	Santa Clara	Santa Clara	Expansion	SCL170045	Saratoga Creek Trail Phase 1		\$4,756,000			\$4,756,000	\$5,326,000
Bicycle/Pedestrian	Santa Clara	Santa Clara	Expansion	SCL170052	San Tomas Aquino Creek Trail Underpass	\$620,000		\$3,100,000		\$3,720,000	\$3,720,000
Bicycle/Pedestrian	Santa Clara	Santa Clara	Expansion	SCL170055	Hetch-Hetchy Trail Phase 1	\$250,000		\$1,000,000		\$1,250,000	\$1,250,000
Bicycle/Pedestrian	Santa Clara	Santa Clara	System Management	SCL170056	Santa Clara School Access Improvements		\$1,450,000			\$1,450,000	\$1,650,000
Bicycle/Pedestrian	Santa Clara	Saratoga	Maintenance/ Rehabilitation	SCL170054	Saratoga Village Crosswalks and Sidewalk Rehab		\$382,000			\$382,000	\$422,000
Bicycle/Pedestrian	Santa Clara	Sunnyvale	Expansion	SCL170020	Bernardo Avenue Bicycle Underpass		\$1,665,069			\$1,665,069	\$10,365,069
Bicycle/Pedestrian	Santa Clara	Sunnyvale	Expansion	SCL170022	Java Dr Road Diet and Bike Lanes	\$362,000	\$178,212			\$540,212	\$831,889

**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Bicycle/Pedestrian	Santa Clara	Sunnyvale	Expansion	SCL170023	Peery Park "Sense of Place" Improvements			\$2,737,000		\$2,737,000	\$4,194,000
Bicycle/Pedestrian	Santa Clara	Sunnyvale	Expansion	SCL170024	East Sunnyvale Area "Sense of Place"		\$2,203,900			\$2,203,900	\$3,856,900
Bicycle/Pedestrian	Santa Clara	Sunnyvale	Expansion	SCL170025	Fair Oaks Avenue Bikeway - Phase 2	\$566,000				\$566,000	\$990,000
Bicycle/Pedestrian	Santa Clara	Sunnyvale	Expansion	SCL170026	Lawrence Station Area Sidewalks & Bike Facilities		\$362,000			\$362,000	\$633,000
Bicycle/Pedestrian	Santa Clara	Sunnyvale	System Management	SCL170017	Sunnyvale SNAIL Neighborhood Improvements	\$975,000	\$4,981,000			\$5,956,000	\$6,046,000
Bicycle/Pedestrian	Santa Clara	Sunnyvale	System Management	SCL170043	Homestead Rd at Homestead High School Improvements		\$1,000,000			\$1,000,000	\$1,265,000
Bicycle/Pedestrian	Santa Clara	Sunnyvale	System Management	SCL170057	Sunnyvale Ped and Bike Infrastructure Improvements		\$919,000			\$919,000	\$1,163,000
Bicycle/Pedestrian	Santa Clara	Sunnyvale	System Management	SCL170059	Sunnyvale Safe Routes to School Improvements		\$1,888,000			\$1,888,000	\$2,362,000
Bicycle/Pedestrian	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170007	VTA: Pedestrian Swing Gates Replacement						\$4,280,000
Bicycle/Pedestrian	Santa Clara	VTA	System Management	SCL170002	VTA BART Phase II TOD and Station Access Planning						\$1,900,000
Bicycle/Pedestrian	Solano	Fairfield	Expansion	SOL170006	East Tabor Tolenas SR2S Sidewalk Gap Closure	\$1,612,000				\$1,612,000	\$1,860,000
Bicycle/Pedestrian	Solano	Fairfield	System Management	SOL170010	Grange Middle School Safe Routes to School		\$260,000			\$260,000	\$286,000
Bicycle/Pedestrian	Solano	Solano County	Expansion	SOL130007	Suisun Vallley Bicycle and Pedestrian Imps						\$7,577,400
Bicycle/Pedestrian	Solano	Solano County	System Management	SOL170016	Solano County Farm to Market Phase 3	\$3,297,000				\$3,297,000	\$3,447,000
Bicycle/Pedestrian	Solano	STA	System Management	SOL110019	Solano Safe Routes to School Program						\$3,850,589
Bicycle/Pedestrian	Solano	STA	System Management	SOL150004	STA SR2S Infrastructure & Non-infrastructure						\$3,467,000
Bicycle/Pedestrian	Solano	Suisun City	Expansion	SOL170007	McCoy Creek Trail - Phase 2	\$3,487,000				\$3,487,000	\$4,287,000
Bicycle/Pedestrian	Solano	Vallejo	Expansion	SOL170008	Vallejo Bay Trail / Vine Trail Gap Closure	\$4,362,000				\$4,362,000	\$5,328,000
Bicycle/Pedestrian	Solano	Vallejo	System Management	SOL110035	Vallejo Downtown Streetscape						\$4,489,000
Bicycle/Pedestrian	Solano	Vallejo	System Management	SOL190004	Vallejo - Sacramento St Road Diet and Rehab		\$681,000			\$681,000	\$770,000
Bicycle/Pedestrian	Sonoma	Cloverdale	Expansion	SON130016	Cloverdale - Safe Routes to School Phase 2						\$267,044
Bicycle/Pedestrian	Sonoma	Santa Rosa	Expansion	SON170012	Highway 101 Bicycle and Pedestrian Overcrossing	\$2,013,000				\$2,013,000	\$28,113,000
Bicycle/Pedestrian	Sonoma	Santa Rosa	System Management	SON150003	Jennings Ave Bike & Ped RR Crossing Corridor						\$1,761,000
Bicycle/Pedestrian	Sonoma	Santa Rosa	System Management	SON190011	SantaRosa Downtown Comm Infrastructure Enhancement	\$52,000	\$400,000			\$452,000	\$452,000
Bicycle/Pedestrian	Sonoma	Sebastopol	Maintenance/ Rehabilitation	SON170021	Bodega Avenue Bike Lanes and Pavement Rehab	\$2,440,729				\$2,440,729	\$2,656,729
Bicycle/Pedestrian	Sonoma	Son Co Reg Park	Expansion	SON110050	Central Sonoma Valley Trail						\$625,000
Bicycle/Pedestrian	Sonoma	Son Co Reg Park	Maintenance/ Rehabilitation	SON170025	Joe Rodota Trail Bridge Replacement	\$598,000				\$598,000	\$870,000
Bicycle/Pedestrian	Sonoma	Son Co TA	System Management	SON170009	Sonoma County - County-Wide SRTS Program						\$2,310,000
Bicycle/Pedestrian	Sonoma	Sonoma City	Expansion	SON170022	Fryer Creek Pedestrian and Bicycle Bridge	\$566,000				\$566,000	\$724,992
Bicycle/Pedestrian	Sonoma	Sonoma County	Expansion	SON170014	Crocker Bridge Bike and Pedestrian Passage		\$2,741,000			\$2,741,000	\$3,491,000
Bicycle/Pedestrian	Sonoma	Windsor	System Management	SON130012	Conde Ln/Johnson St Pedestrian Improvements						\$605,000
Bicycle/Pedestrian	Sonoma	Windsor	System Management	SON130013	Bell Rd/Market St/Windsor River Rd Ped Improvement						\$715,500
<b>Bicycle/Pedestrian Total</b>						<b>\$174,724,422</b>	<b>\$124,233,342</b>	<b>\$68,295,422</b>		<b>\$367,253,186</b>	<b>\$1,489,498,964</b>
Local Road	Alameda	ACTC	Maintenance/ Rehabilitation	ALA170085	7th Street Grade Separation East						\$252,000,000
Local Road	Alameda	ACTC	Maintenance/ Rehabilitation	ALA170086	7th Street Grade Separation West						\$165,000,000
Local Road	Alameda	ACTC	System Management	ALA170087	Freight Intelligent Transportation System (FITS)						\$30,621,364
Local Road	Alameda	Alameda	Maintenance/ Rehabilitation	ALA170074	Alameda City-Wide Pavement Rehabilitation		\$999,000			\$999,000	\$1,059,000
Local Road	Alameda	Alameda County	Maintenance/ Rehabilitation	ALA090022	Estuary Bridges Seismic Retrofit and Repairs		\$262,000			\$262,000	\$4,900,000
Local Road	Alameda	Alameda County	Maintenance/ Rehabilitation	ALA090023	Fruitvale Ave Roadway Bridge Lifeline	\$500,000	\$500,000			\$1,000,000	\$12,000,000
Local Road	Alameda	Alameda County	Maintenance/ Rehabilitation	ALA130018	Alameda Co-Variou Streets and Roads Preservation		\$2,453,000			\$2,453,000	\$6,779,000
Local Road	Alameda	Alameda County	System Management	ALA190006	Alameda County - Vasco Road Safety Improvements						\$1,302,964
Local Road	Alameda	Berkeley	System Management	ALA130026	Shattuck Complete Streets and De-couplet						\$6,598,481
Local Road	Alameda	Berkeley	System Management	ALA150049	goBerkeley Residential Shared Parking Pilot						\$1,420,000
Local Road	Alameda	Dublin	Expansion	ALA130005	Dougherty Road widening						\$18,990,000
Local Road	Alameda	Dublin	Expansion	ALA130006	Dublin Boulevard widening						\$4,330,000
Local Road	Alameda	Dublin	Expansion	ALA150003	Dublin Blvd. - North Canyons Pkwy Extension		\$100,000			\$100,000	\$88,252,940
Local Road	Alameda	Dublin	Maintenance/ Rehabilitation	ALA170062	Dublin Blvd Rehabilitation		\$945,000			\$945,000	\$1,000,000
Local Road	Alameda	Emeryville	Maintenance/ Rehabilitation	ALA170072	Frontage Rd, 65th St and Powell St Pavement Maint	\$255,000				\$255,000	\$270,000
Local Road	Alameda	Emeryville	System Management	ALA170093	Emeryville Quiet Zone Safety Engineering Measures						\$6,000,000
Local Road	Alameda	Fremont	System Management	ALA130001	Kato Rd Complete Sts - Warren Ave to Milmont Dr						\$12,690,000
Local Road	Alameda	Hayward	Maintenance/ Rehabilitation	ALA170066	Winton Ave Complete Street	\$1,878,660				\$1,878,660	\$1,979,860
Local Road	Alameda	Hayward	System Management	ALA170065	Hayward - Main Street Complete Street	\$1,875,000				\$1,875,000	\$2,225,000
Local Road	Alameda	Livermore	Maintenance/ Rehabilitation	ALA170068	Livermore Pavement Rehabilitation - MTS Routes						\$1,952,000
Local Road	Alameda	MTC	System Management	ALA170007	Regional Planning Activities and PPM - Alameda	\$1,628,000				\$1,628,000	\$13,223,159
Local Road	Alameda	MTC	System Management	ALA170040	I-880 Integrated Corridor Management North Segment						\$20,478,000
Local Road	Alameda	MTC	System Management	ALA170057	I-880 Integrated Corridor Management - Central	\$1,498,000				\$1,498,000	\$8,840,000
Local Road	Alameda	Newark	Maintenance/ Rehabilitation	ALA170061	Thornton Avenue Pavement Rehabilitation						\$876,000
Local Road	Alameda	Oakland	Expansion	ALA991081	42nd Ave. & High St. I-880 Access Improv.						\$17,790,000
Local Road	Alameda	Oakland	Maintenance/ Rehabilitation	ALA170064	Oakland Various Streets Improvements		\$5,529,200			\$5,529,200	\$6,165,200
Local Road	Alameda	Oakland	System Management	ALA150050	Oakland Parking and Mobility Management						\$1,584,050
Local Road	Alameda	Piedmont	Maintenance/ Rehabilitation	ALA170084	Piedmont - Oakland Avenue Improvements		\$449,000			\$449,000	\$509,000
Local Road	Alameda	Pleasanton	Maintenance/ Rehabilitation	ALA170070	Pavement Rehabilitation Hacienda Business Park						\$2,777,270
Local Road	Alameda	Pleasanton	System Management	ALA190020	I-680/Sunol Interchange Improvements	\$2,500,000				\$2,500,000	\$30,250,000
Local Road	Alameda	San Leandro	Expansion	ALA050002	SR 185- E. 14th St/ Hesperian Blvd/150th Ave	\$2,629,879	\$851,643			\$3,481,522	\$7,232,270
Local Road	Alameda	San Leandro	Maintenance/ Rehabilitation	ALA170075	San Leandro Washington Avenue Rehabilitation	\$1,102,000				\$1,102,000	\$1,185,000
Local Road	Alameda	Union City	Maintenance/ Rehabilitation	ALA170071	Union City-Dyer Street Pavement Rehabilitation	\$985,000				\$985,000	\$1,040,000
Local Road	Contra Costa	Antioch	Expansion	CC-070008	Laurel Road Extension						\$10,950,000
Local Road	Contra Costa	Antioch	Expansion	CC-070009	Slatten Ranch Road Extension Phase I						\$3,950,000
Local Road	Contra Costa	Antioch	Maintenance/ Rehabilitation	CC-170036	Antioch Pavement Rehabilitation						\$3,200,000

**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Local Road	Contra Costa	Antioch	System Management	CC-170035	Antioch - L Street Pathway to Transit		\$2,896,000			\$2,896,000	\$3,246,000
Local Road	Contra Costa	Brentwood	Expansion	CC-070011	Brentwood Boulevard Widening - North (Phase I)						\$6,700,000
Local Road	Contra Costa	Brentwood	Expansion	CC-070013	Lone Tree Way Undercrossing						\$16,000,000
Local Road	Contra Costa	Brentwood	Expansion	CC-170015	Brentwood Boulevard Widening - North (Phase II)						\$9,500,000
Local Road	Contra Costa	Brentwood	Maintenance/ Rehabilitation	CC-170034	Brentwood Various Streets and Roads Preservation	\$770,000				\$770,000	\$844,000
Local Road	Contra Costa	CC County	Expansion	CC-070075	Kirker Pass Road NB Truck Climbing Lanes						\$18,317,000
Local Road	Contra Costa	CC County	Expansion	CC-070081	Byron Highway - Vasco Road Connection						\$40,000,000
Local Road	Contra Costa	CC County	Expansion	CC-170016	Camino Tassajara Realignment, S of Windemere Pkwy						\$17,000,000
Local Road	Contra Costa	CC County	Maintenance/ Rehabilitation	CC-170028	Kirker Pass Road Open Grade Overlay						\$2,395,000
Local Road	Contra Costa	CC County	System Management	CC-050030	Vasco Road Safety Improvements	\$100,000				\$100,000	\$33,093,977
Local Road	Contra Costa	CC County	System Management	CC-190012	Treat Boulevard Corridor Improvements	\$70,000	\$314,000		\$1,758,000	\$2,142,000	\$2,142,000
Local Road	Contra Costa	CCTA	System Management	CC-150009	CCTA - Carshare 4 All						\$708,327
Local Road	Contra Costa	CCTA	System Management	CC-190017	CCTA Automated Driving System	\$2,798,512	\$5,323,494	\$5,923,994		\$14,046,000	\$14,046,000
Local Road	Contra Costa	Clayton	Maintenance/ Rehabilitation	CC-170047	Clayton Neighborhood Street Rehab		\$368,000			\$368,000	\$393,000
Local Road	Contra Costa	Concord	Maintenance/ Rehabilitation	CC-170037	Concord Willow Pass Road Repaving SR2T		\$6,125,000			\$6,125,000	\$7,670,000
Local Road	Contra Costa	Concord	System Management	CC-170022	Commerce Ave Complete Streets						\$2,615,000
Local Road	Contra Costa	Danville	Expansion	CC-170001	San Ramon Valley Blvd Slurry Seal and Striping						\$953,046
Local Road	Contra Costa	Danville	Maintenance/ Rehabilitation	CC-170058	Camino Ramon Improvements		\$1,934,016			\$1,934,016	\$2,083,371
Local Road	Contra Costa	El Cerrito	Maintenance/ Rehabilitation	CC-170030	Carlson Blvd and Central Ave Pavement Rehab						\$970,000
Local Road	Contra Costa	Hercules	Maintenance/ Rehabilitation	CC-170043	Hercules -Sycamore/Willow Pavement Rehabilitation		\$640,000			\$640,000	\$640,000
Local Road	Contra Costa	Lafayette	Maintenance/ Rehabilitation	CC-170033	Pleasant Hill Rd Pavement Rehab & Maintenance						\$656,000
Local Road	Contra Costa	Martinez	Maintenance/ Rehabilitation	CC-130025	Martinez Various Streets and Roads Preservation						\$1,285,000
Local Road	Contra Costa	Martinez	Maintenance/ Rehabilitation	CC-170059	Martinez Downtown Streets Rehabilitation		\$1,012,000			\$1,012,000	\$1,112,000
Local Road	Contra Costa	Moraga	Maintenance/ Rehabilitation	CC-170046	Moraga Way and Canyon/Camino Pablo Improvements						\$2,719,000
Local Road	Contra Costa	MTC	System Management	CC-170004	Regional Planning Activities and PPM - CC County	\$355,000	\$356,000	\$356,000	\$68,000	\$1,135,000	\$7,832,553
Local Road	Contra Costa	Oakley	Maintenance/ Rehabilitation	CC-170041	Oakley Street Repair and Resurfacing						\$1,591,000
Local Road	Contra Costa	Orinda	Maintenance/ Rehabilitation	CC-170032	Orinda Way Pavement Rehabilitation	\$720,000				\$720,000	\$750,000
Local Road	Contra Costa	Pinole	Maintenance/ Rehabilitation	CC-170048	Pinole - San Pablo Avenue Rehabilitation	\$586,000				\$586,000	\$663,000
Local Road	Contra Costa	Pittsburg	Maintenance/ Rehabilitation	CC-170042	City of Pittsburg Pavement Improvements	\$2,410,000				\$2,410,000	\$2,725,000
Local Road	Contra Costa	Pleasant Hill	System Management	CC-170044	Pleasant Hill Road Improvements						\$4,520,000
Local Road	Contra Costa	Richmond	Maintenance/ Rehabilitation	CC-170057	Richmond: Roadway Preservation and ADA Improvement	\$3,840,000				\$3,840,000	\$4,140,000
Local Road	Contra Costa	Richmond	System Management	CC-050076	I-80/Central Avenue - Local Portion	\$6,500,000		\$5,593,000		\$12,093,000	\$14,593,000
Local Road	Contra Costa	San Pablo	Maintenance/ Rehabilitation	CC-170031	San Pablo - Giant Road Pavement Rehabilitation	\$699,000				\$699,000	\$699,000
Local Road	Contra Costa	San Ramon	Expansion	CC-190001	Crow Canyon Road (Alcosta to Indian Rice) Widening						\$20,075,000
Local Road	Contra Costa	San Ramon	Maintenance/ Rehabilitation	CC-170045	Alcosta Boulevard Pavement Rehab	\$4,675,000				\$4,675,000	\$5,075,000
Local Road	Contra Costa	Walnut Creek	Maintenance/ Rehabilitation	CC-170025	Walnut Creek-N. Main St Rehab - I680 to California						\$970,000
Local Road	Contra Costa	Walnut Creek	Maintenance/ Rehabilitation	CC-170038	Ygancio Valley Road Rehabilitation	\$2,953,000				\$2,953,000	\$3,053,000
Local Road	Contra Costa	Walnut Creek	System Management	CC-150018	Walnut Creek-Parking Guidance System Pilot						\$933,000
Local Road	Marin	Marin County	Maintenance/ Rehabilitation	MRN110035	Mountain View Rd Bridge Replacement - 27C0154	\$2,233,000				\$2,233,000	\$2,809,552
Local Road	Marin	Marin County	Maintenance/ Rehabilitation	MRN170027	Hicks Valley/MarshallPetaluma/Wilson Hill Rd Rehab	\$3,545,000				\$3,545,000	\$3,845,000
Local Road	Marin	MTC	System Management	MRN170001	Regional Planning Activities and PPM - Marin	\$305,000				\$305,000	\$5,108,181
Local Road	Marin	Novato	Expansion	MRN070006	Novato Boulevard Widening, Diablo to Grant						\$10,063,085
Local Road	Marin	Novato	Maintenance/ Rehabilitation	MRN150016	Vineyard Road Improvements						\$1,270,757
Local Road	Marin	Novato	Maintenance/ Rehabilitation	MRN170022	Novato-Measure A Group 10 Pavement Rehabilitation						\$2,254,000
Local Road	Marin	Novato	Maintenance/ Rehabilitation	MRN190002	Novato Annual Pavement Rehabilitation						\$1,767,000
Local Road	Marin	San Anselmo	Expansion	MRN110032	San Anselmo - Center Blvd Bridge Replace (27C0079)			\$1,250,000	\$4,083,800	\$5,333,800	\$6,203,000
Local Road	Marin	San Anselmo	Maintenance/ Rehabilitation	MRN170021	Sir Francis Drake Blvd Pavement Rehabilitation	\$1,151,100				\$1,151,100	\$1,281,100
Local Road	Marin	San Rafael	System Management	MRN130005	San Rafael Transit Center Pedestrian Access Imps.						\$2,675,000
Local Road	Napa	American Canyon	Expansion	NAP110029	Eucalyptus Drive Realignment Complete Streets	\$826,400				\$826,400	\$6,189,000
Local Road	Napa	American Canyon	Expansion	NAP130006	Devlin Road and Vine Trail Extension	\$4,151,000				\$4,151,000	\$7,568,000
Local Road	Napa	MTC	System Management	NAP170001	Regional Planning Activities and PPM - Napa	\$52,000	\$52,000	\$51,000	\$51,000	\$206,000	\$4,848,181
Local Road	Napa	MTC	System Management	NAP190007	Napa Valley Forward: Traffic Calming & Multimodal	\$1,000,000				\$1,000,000	\$3,000,000
Local Road	Napa	Napa	System Management	NAP110028	California Boulevard Roundabouts						\$19,353,000
Local Road	Napa	Napa County	Maintenance/ Rehabilitation	NAP110026	Hardin Rd Bridge Replacement - 21C0058	\$900,000		\$5,200,000		\$6,100,000	\$6,100,000
Local Road	Napa	Napa County	Maintenance/ Rehabilitation	NAP110027	Loma Vista Dr Bridge Replacement - 21C0080	\$900,000		\$5,200,000		\$6,100,000	\$6,100,000
Local Road	Napa	Napa County	Maintenance/ Rehabilitation	NAP170002	Napa County: 2014 Earthquake Pavement Repair						\$1,228,000
Local Road	Napa	Napa County	Maintenance/ Rehabilitation	NAP170008	Silverado Trail Phase L Rehab	\$2,485,000				\$2,485,000	\$2,699,000
Local Road	Regional/ Multi-County	Caltrans	Maintenance/ Rehabilitation	VAR170012	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	\$32,800,974	\$34,064,875	\$498,280,815		\$565,146,664	\$814,293,891
Local Road	Regional/ Multi-County	MTC	Maintenance/ Rehabilitation	REG090039	Regional Streets and Roads Program		\$350,000			\$350,000	\$27,977,421
Local Road	Regional/ Multi-County	MTC	System Management	REG130005	Bay Area Housing Initiatives						\$30,000,000
Local Road	Regional/ Multi-County	MTC	System Management	REG170001	Regional Planning Activities and PPM - MTC	\$723,000	\$750,000	\$776,000	\$803,000	\$3,052,000	\$16,638,000
Local Road	Regional/ Multi-County	MTC	System Management	REG170010	Reg. Prog. for Arterial System Synchronization						\$5,650,000
Local Road	Regional/ Multi-County	MTC	System Management	REG170012	Shared Use Mobility						\$2,500,000
Local Road	Regional/ Multi-County	MTC	System Management	REG170015	Innovative Deployments to Enhance Arterials Ct 1&2						\$13,734,100
Local Road	San Francisco	MTC	System Management	SF-170002	Regional Planning Activities and PPM - SF County	\$260,000	\$259,000	\$259,000	\$46,000	\$824,000	\$8,551,854
Local Road	San Francisco	SF County TA	System Management	SF-110049	Treasure Island Congestion Pricing Program						\$12,754,835
Local Road	San Francisco	SF County TA	System Management	SF-130017	SF Downtown Congestion Pricing	\$880,000	\$1,000,000			\$1,880,000	\$126,000,000
Local Road	San Francisco	SF County TA	System Management	SF-150008	Quint-Jerrold Connector Road	\$5,908,900				\$5,908,900	\$19,940,448
Local Road	San Francisco	SF DPW	Expansion	SF-110006	Hunters Pt Shipyard and Candlestick Pt Local Roads						\$421,100,000
Local Road	San Francisco	SF DPW	Maintenance/ Rehabilitation	SF-110005	Great Highway Restoration	\$204,513				\$204,513	\$4,348,108

**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Local Road	San Francisco	SF DPW	System Management	SF-130001	SF- Better Market Street Transportation Elements	\$3,366,000	\$2,571,000			\$5,937,000	\$415,000,000
Local Road	San Mateo	Atherton	Maintenance/ Rehabilitation	SM-190008	Atherton Street Preservation	\$351,000				\$351,000	\$386,000
Local Road	San Mateo	Belmont	Maintenance/ Rehabilitation	SM-170043	Belmont Pavement Preservation		\$547,000			\$547,000	\$600,000
Local Road	San Mateo	Burlingame	Maintenance/ Rehabilitation	SM-170021	Burlingame Street Resurfacing						\$1,371,000
Local Road	San Mateo	Burlingame	System Management	SM-170015	Hoover School Area Sidewalk Impvts (Summit Dr.)	\$865,000				\$865,000	\$898,000
Local Road	San Mateo	CCAG	System Management	SM-070002	SM Countywide ITS Improvements - SSF Segment		\$7,560,000			\$7,560,000	\$8,020,000
Local Road	San Mateo	CCAG	System Management	SM-170046	ITS Improvements in San Mateo County Northern Citi	\$302,000		\$10,032,000		\$10,334,000	\$10,957,000
Local Road	San Mateo	Daly City	Maintenance/ Rehabilitation	SM-170023	Daly City Street Resurfacing and Slurry Seal						\$1,480,000
Local Road	San Mateo	East Palo Alto	Maintenance/ Rehabilitation	SM-170024	East Palo Alto Citywide Street Resurfacing						\$894,000
Local Road	San Mateo	Hillsborough	Maintenance/ Rehabilitation	SM-170026	Hillsborough Street Resurfacing	\$993,000				\$993,000	\$1,075,000
Local Road	San Mateo	Menlo Park	Maintenance/ Rehabilitation	SM-170027	Menlo Park-Santa Cruz Avenue & Middle Avenue Rehab						\$2,164,100
Local Road	San Mateo	Millbrae	Expansion	SM-210001	Widen Millbrae Avenue			\$100,000	\$450,000	\$550,000	\$11,550,000
Local Road	San Mateo	Millbrae	Maintenance/ Rehabilitation	SM-170028	Millbrae Street Rehabilitation						\$859,000
Local Road	San Mateo	MTC	System Management	SM-170002	Regional Planning Activities and PPM - San Mateo	\$263,000	\$262,000	\$262,000	\$46,000	\$833,000	\$8,001,181
Local Road	San Mateo	Portola Valley	Maintenance/ Rehabilitation	SM-170044	Portola Valley Street Preservation	\$201,000				\$201,000	\$228,000
Local Road	San Mateo	Redwood City	Expansion	SM-090007	Blomquist Street Extension	\$1,600,000				\$1,600,000	\$22,400,000
Local Road	San Mateo	Redwood City	Maintenance/ Rehabilitation	SM-170032	Redwood City Pavement Preservation						\$1,562,000
Local Road	San Mateo	San Bruno	Maintenance/ Rehabilitation	SM-170033	Huntington/San Antonio Street Rehabilitation	\$400,000				\$400,000	\$1,930,000
Local Road	San Mateo	San Carlos	Expansion	SM-190001	Brittan Ave. Widening						\$4,950,000
Local Road	San Mateo	San Carlos	Maintenance/ Rehabilitation	SM-170035	Cedar and Brittan Ave Pavement Rehab						\$650,000
Local Road	San Mateo	San Mateo	Maintenance/ Rehabilitation	SM-170040	San Mateo Street Rehabilitation		\$1,593,000			\$1,593,000	\$1,800,000
Local Road	San Mateo	San Mateo Co	Maintenance/ Rehabilitation	SM-170014	San Mateo Countywide Pavement Maintenance	\$1,091,000				\$1,091,000	\$1,212,000
Local Road	San Mateo	SSF	Maintenance/ Rehabilitation	SM-170036	SSF Pavement Rehabilitation						\$1,161,000
Local Road	San Mateo	Woodside	Maintenance/ Rehabilitation	SM-170037	Road Rehabilitation - Town of Woodside						\$575,000
Local Road	Santa Clara	Cupertino	System Management	SCL190036	McClellan Road Separated Bikeways (Phase 3)		\$2,200,000			\$2,200,000	\$2,500,000
Local Road	Santa Clara	Los Altos	Maintenance/ Rehabilitation	SCL170038	Los Altos: Fremont Ave Pavement Preservation	\$1,546,042				\$1,546,042	\$1,716,042
Local Road	Santa Clara	Milpitas	Maintenance/ Rehabilitation	SCL170039	Street Resurfacing 2020 & 2021	\$2,978,358				\$2,978,358	\$5,484,522
Local Road	Santa Clara	Morgan Hill	Maintenance/ Rehabilitation	SCL170063	Dunne Avenue Pavement Rehabilitation	\$95,000	\$1,157,000			\$1,252,000	\$1,252,000
Local Road	Santa Clara	MTC	System Management	SCL170001	Regional Planning Activities and PPM - Santa Clara	\$912,000	\$912,000	\$112,000		\$1,936,000	\$16,712,470
Local Road	Santa Clara	San Jose	Expansion	SCL110006	San Jose - Autumn Street Extension						\$17,300,000
Local Road	Santa Clara	San Jose	Expansion	SCL190001	US 101/Old Oakland Road Interchange improvements		\$3,000,000			\$3,000,000	\$25,000,000
Local Road	Santa Clara	San Jose	Maintenance/ Rehabilitation	SCL170044	San Jose Pavement Maintenance	\$14,159,062				\$14,159,062	\$20,446,155
Local Road	Santa Clara	Santa Clara Co	Expansion	SCL090017	Montague Expwy Widening - Trade Zone-Great Mall			\$9,000,000		\$9,000,000	\$19,000,000
Local Road	Santa Clara	Sunnyvale	Maintenance/ Rehabilitation	SCL170027	Sunnyvale Traffic Signal Upgrades/Replacements		\$2,366,000			\$2,366,000	\$2,899,000
Local Road	Santa Clara	VTA	System Management	SCL110125	Local PDA Planning - Santa Clara						\$4,955,845
Local Road	Santa Clara	VTA	System Management	SCL130001	SR 237/US 101/Mathilda Interchange Modifications	\$2,200,000				\$2,200,000	\$47,000,000
Local Road	Santa Clara	VTA	System Management	SCL170065	IDEA Cat 2: Valley Transportation Authority						\$1,095,000
Local Road	Santa Clara	VTA	System Management	SCL190007	US 101/Zanker Road-Skyport Drive-N. Fourth St. Imp		\$12,200,000		\$141,700,000	\$153,900,000	\$161,000,000
Local Road	Solano	Benicia	Maintenance/ Rehabilitation	SOL170011	Benicia - Park Road Improvements	\$5,358,000				\$5,358,000	\$5,858,000
Local Road	Solano	Dixon	Expansion	SOL050009	Parkway Blvd/UPRR Grade Separation						\$15,839,000
Local Road	Solano	MTC	System Management	SOL170001	Regional Planning Activities and PPM - Solano	\$159,000	\$159,000	\$159,000	\$29,000	\$506,000	\$9,060,181
Local Road	Solano	Solano County	Maintenance/ Rehabilitation	SOL170015	Solano County Roadway Preservation	\$572,000				\$572,000	\$617,000
Local Road	Solano	STA	Expansion	SOL110004	Jepson: Walters Rd Ext - Peabody Rd Widening						\$13,431,000
Local Road	Solano	STA	Expansion	SOL110005	Jepson: Leisure Town Road from Vanden to Commerce						\$28,202,114
Local Road	Solano	STA	Expansion	SOL110006	Jepson: Leisure Town Road Phase 1B and 1C		\$15,574,000			\$15,574,000	\$21,852,842
Local Road	Solano	Suisun City	Maintenance/ Rehabilitation	SOL170014	New Railroad Avenue Pavement Rehabilitation	\$491,000				\$491,000	\$555,000
Local Road	Solano	Vacaville	System Management	SOL170013	Vaca Valley/I505 Multimodal Improvements		\$8,907,000			\$8,907,000	\$13,957,000
Local Road	Sonoma	Cotati	Maintenance/ Rehabilitation	SON170015	E. Cotati Avenue Street Rehabilitation Project						\$763,000
Local Road	Sonoma	Healdsburg	System Management	SON170024	Healdsburg Avenue Complete Streets Improvements		\$1,000,000			\$1,000,000	\$1,250,000
Local Road	Sonoma	MTC	System Management	SON170002	Regional Planning Activities and PPM - Sonoma	\$350,000		\$278,000		\$628,000	\$7,276,181
Local Road	Sonoma	Petaluma	System Management	SON170011	Petaluma Blvd South Road Diet at E Street	\$2,972,000				\$2,972,000	\$3,295,100
Local Road	Sonoma	Rohnert Park	Maintenance/ Rehabilitation	SON170016	Rohnert Park Various Streets Rehabilitation						\$1,826,000
Local Road	Sonoma	Santa Rosa	Maintenance/ Rehabilitation	SON170023	Santa Rosa Pavement Rehab of Various Streets		\$1,869,423			\$1,869,423	\$2,049,423
Local Road	Sonoma	Son Co TA	System Management	SON150010	Santa Rosa Car Share						\$390,130
Local Road	Sonoma	Sonoma County	Expansion	SON110025	Replace Hauser Bridge over Gualala River 20C0240						\$6,179,688
Local Road	Sonoma	Sonoma County	Maintenance/ Rehabilitation	SON130010	Sonoma County Various Streets & Roads Preservation						\$3,815,000
Local Road	Sonoma	Sonoma County	Maintenance/ Rehabilitation	SON130015	Bodega Highway Pavement Rehabilitation						\$1,190,000
Local Road	Sonoma	Sonoma County	Maintenance/ Rehabilitation	SON170010	Sonoma County - River Road Pavement Rehab						\$3,687,000
Local Road	Sonoma	Sonoma County	Maintenance/ Rehabilitation	SON170013	Rehabilitation of Various Roads in Sonoma County						\$2,929,000
Local Road	Sonoma	Sonoma County	System Management	SON150011	Sonoma SRTS High School Pilot						\$872,000
Local Road	Sonoma	Windsor	System Management	SON170001	Windsor River Road/Windsor Road Intersection Imps	\$5,000,000				\$5,000,000	\$5,800,000
<b>Local Road Total</b>						<b>\$145,878,400</b>	<b>\$129,410,651</b>	<b>\$542,832,809</b>	<b>\$149,034,800</b>	<b>\$967,156,660</b>	<b>\$3,576,758,319</b>
Port/Freight Rail	Alameda	Oakland	Expansion	ALA110046	Oakland Army Base Infrastructure Improvements						\$300,580,000
<b>Port/Freight Rail Total</b>											<b>\$300,580,000</b>
Regional	Regional/ Multi-County	BAAQMD	System Management	REG170019	Spare the Air						\$5,000,000
Regional	Regional/ Multi-County	BAAQMD	System Management	REG170020	Electric Vehicle Programs and Outreach						\$5,000,000
Regional	Regional/ Multi-County	BAAQMD	System Management	REG170021	Electric Vehicle Infrastructure/Vehicle Buyback						\$10,000,000
Regional	Regional/ Multi-County	MTC	System Management	REG090042	511 Traveler Information						\$106,120,000
Regional	Regional/ Multi-County	MTC	System Management	REG170004	Bay Bridge Forward - Commuter Parking Initiative						\$12,000,000

**TIP Project Listings - Funding by Mode  
2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Regional	Regional/ Multi-County	MTC	System Management	REG170013	511 Next Gen	\$5,372,000				\$5,372,000	\$33,598,000
Regional	Regional/ Multi-County	MTC	System Management	REG170014	Active Operations Management	\$9,687,000				\$9,687,000	\$23,937,000
Regional	Regional/ Multi-County	MTC	System Management	REG170016	Regional Planning - PDA Implementation		\$10,279,000			\$10,279,000	\$19,936,744
Regional	Regional/ Multi-County	MTC	System Management	REG170024	Bay Bridge Forward-Commuter Parking Initiative O&M						\$2,500,000
Regional	Regional/ Multi-County	MTC	System Management	REG170025	Community Based Transportation Planning						\$1,504,536
Regional	Regional/ Multi-County	MTC	System Management	REG170027	Targeted Transportation Alternatives						\$325,000
Regional	Regional/ Multi-County	MTC	System Management	REG170028	Regional Car Sharing						\$1,200,411
Regional	Regional/ Multi-County	MTC	System Management	VAR190003	FPP: I-80 in Alameda, Contra Costa and SF						\$3,000,000
Regional	Santa Clara	Mountain View	System Management	SCL210004	US 101/Shoreline Boulevard IC Improvements						\$20,000,000
Regional	Solano	STA	System Management	SOL190001	SolanoExpress Corp Yard Elec						\$2,200,000
<b>Regional Total</b>						<b>\$15,059,000</b>	<b>\$10,279,000</b>			<b>\$25,338,000</b>	<b>\$246,321,691</b>
State Highway	Alameda	ACTC	Expansion	ALA050014	SR 84 Expressway Widening						\$120,319,000
State Highway	Alameda	ACTC	Expansion	ALA050019	I-880 North Safety Improvements						\$108,630,000
State Highway	Alameda	ACTC	Expansion	ALA050079	I-80 Gilman Interchange Improvements	\$49,739,000				\$49,739,000	\$61,723,880
State Highway	Alameda	ACTC	Expansion	ALA130034	I-680 NB HOV/HOT Lane						\$198,198,000
State Highway	Alameda	ACTC	Expansion	ALA150001	Rte 84 Widening, south of Ruby Hill Dr to I-680	\$200,594,000				\$200,594,000	\$244,100,000
State Highway	Alameda	ACTC	Expansion	ALA170005	I-880/Whipple Rd Industrial Pkwy SW I/C Imps		\$45,175,000			\$45,175,000	\$80,000,000
State Highway	Alameda	ACTC	Expansion	ALA170008	I-580/680 Interchange HOV/HOT Widening						\$300,000,000
State Highway	Alameda	ACTC	Expansion	ALA170009	I-680 Express Lane Gap Closure: SR-84 to Alcosta		\$2,000,000			\$2,000,000	\$480,000,000
State Highway	Alameda	ACTC	Expansion	ALA170010	I-880 NB HOV/HOT: North of Hacienda to Hegenberger	\$3,500,000				\$3,500,000	\$221,000,000
State Highway	Alameda	ACTC	Expansion	ALA978004	East-West Connector in Fremont & Union City						\$236,000,000
State Highway	Alameda	ACTC	System Management	ALA070009	Oakland/Alameda Access Project		\$1,000,000			\$1,000,000	\$83,000,000
State Highway	Alameda	ACTC	System Management	ALA170002	I-80/Ashby Avenue Interchange Improvements	\$2,000,000				\$2,000,000	\$53,560,000
State Highway	Alameda	BAIFA	System Management	ALA170006	ALA-880 Express Lanes						\$132,500,000
State Highway	Alameda	Caltrans	System Management	ALA170060	GL: Alameda County - TOS-Mobility	\$270,000				\$270,000	\$117,847,000
State Highway	Alameda	Dublin	Expansion	ALA170045	I-580 Interchange Imps at Hacienda/Fallon Rd, Ph 2		\$700,000			\$700,000	\$58,000,000
State Highway	Alameda	Fremont	Expansion	ALA170001	State Route 262 (Mission Blvd) Improvements	\$500,000	\$500,000			\$1,000,000	\$112,000,000
State Highway	Alameda	Hayward	Expansion	ALA090016	Rt 92/Clawiter/Whitesell Interchange Improvements						\$55,000,000
State Highway	Alameda	Hayward	Expansion	ALA090020	I-880 Auxiliary lanes at Industrial Parkway						\$9,800,000
State Highway	Alameda	Hayward	Expansion	ALA110002	I-880/Industrial Parkway West Interchange		\$29,325,000			\$29,325,000	\$57,000,000
State Highway	Alameda	Hayward	Expansion	ALA170004	I-880/West Winton Avenue Interchange		\$2,000,000			\$2,000,000	\$41,000,000
State Highway	Alameda	Hayward	Expansion	ALA170046	I-880/A Street Interchange Reconstruction		\$500,000			\$500,000	\$54,000,000
State Highway	Alameda	MTC	System Management	ALA170011	Bay Bridge Forward - West Grand HOV/Bus Only Lane						\$5,977,000
State Highway	Alameda	MTC	System Management	ALA190018	Freeway Performance Program: Alameda I-580						\$625,000
State Highway	Contra Costa	BAIFA	System Management	CC-170002	CC-680 Northern Segment Express Lane - Southbound						\$53,598,000
State Highway	Contra Costa	CCTA	Expansion	CC-010023	I-680/SR 4 I/C Reconstruction - Ph 1 & 2a						\$236,000,000
State Highway	Contra Costa	CCTA	Expansion	CC-070035	Reconstruct I-80/San Pablo Dam Rd Interchange		\$9,200,000			\$9,200,000	\$118,928,000
State Highway	Contra Costa	CCTA	Expansion	CC-110066	SR 239 - New State Highway Study						\$25,941,010
State Highway	Contra Costa	CCTA	System Management	CC-150013	SR 4 Integrated Corridor Management						\$15,000,000
State Highway	Contra Costa	CCTA	System Management	CC-170017	I-680 NB Express Lane Completion			\$4,000,000		\$4,000,000	\$390,000,000
State Highway	Contra Costa	CCTA	System Management	CC-170018	SR-4 Operational Improvements - Initial Phases		\$8,993,000		\$3,000,000	\$11,993,000	\$144,000,000
State Highway	Contra Costa	CCTA	System Management	CC-170062	I-680 Advanced Technologies	\$1,200,000			\$2,000,000	\$3,200,000	\$52,700,000
State Highway	Contra Costa	CCTA	System Management	CC-190018	Bay Area MOD	\$17,828,213				\$17,828,213	\$17,828,213
State Highway	Contra Costa	Concord	Expansion	CC-070024	SR 242 / Clayton Road Interchange Improvements						\$66,000,000
State Highway	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN050018	Golden Gate Bridge Seismic Retrofit, Phase 3B	\$51,060,990		\$9,500,000		\$60,560,990	\$137,147,513
State Highway	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN970016	Golden Gate Bridge Seismic Retrofit, Ph: 1-3A	\$1,937,433				\$1,937,433	\$373,157,170
State Highway	Marin	MTC	Expansion	MRN150009	Richmond-San Rafael Bridge Access Improvements						\$89,284,000
State Highway	Marin	TAM	Expansion	MRN050034	US 101 HOV Lanes - Marin-Sonoma Narrows (Marin)						\$353,219,000
State Highway	Marin	Various	System Management	MRN170018	GL: Marin County - TOS-Mobility						\$13,140,000
State Highway	Napa	Calistoga	System Management	NAP150001	SR 128 and Petrified Forest Intersection Imp						\$701,000
State Highway	Napa	Napa	System Management	NAP170009	Silverado Trail Five-Way Intersection Improvements	\$510,000	\$1,500,000	\$1,500,000	\$2,300,000	\$5,810,000	\$11,991,000
State Highway	Napa	NVTA	Expansion	NAP090003	SR 12/29/221 Soscol Junction Interchange Imps.	\$300,000	\$27,133,000			\$27,433,000	\$64,000,000
State Highway	Regional/ Multi-County	BAIFA	System Management	REG130004	Regional Express Lane Network						\$78,011,000
State Highway	Regional/ Multi-County	BAIFA	System Management	VAR170003	ALA/CC-80 and Bay Bridge Approach Express Lanes						\$98,300,000
State Highway	Regional/ Multi-County	Caltrans	Maintenance/ Rehabilitation	VAR170004	GL: Pavement Resurfacing/Rehab SHS - Highway Maint						\$53,394,000
State Highway	Regional/ Multi-County	Caltrans	Maintenance/ Rehabilitation	VAR170006	GL: Pavement Resurf./Rehab - SHOPP Roadway Presv.	\$88,280,000	\$149,862,000	\$213,468,000	\$310,060,000	\$761,670,000	\$1,420,945,000
State Highway	Regional/ Multi-County	Caltrans	Maintenance/ Rehabilitation	VAR170008	GL: Emergency Repair - SHOPP Emergency Response	\$82,056,000	\$41,842,000	\$27,377,000	\$2,323,000	\$153,598,000	\$788,184,000
State Highway	Regional/ Multi-County	Caltrans	Maintenance/ Rehabilitation	VAR170010	GL: Bridge Rehab and Reconstruction - SHOPP	\$76,840,000	\$169,233,000	\$34,795,000	\$228,027,000	\$508,895,000	\$1,215,402,000
State Highway	Regional/ Multi-County	Caltrans	Maintenance/ Rehabilitation	VAR170011	GL: Shoulder Imprv - SHOPP Roadside Preservation	\$6,849,000	\$418,000	\$3,605,000		\$10,872,000	\$18,480,000
State Highway	Regional/ Multi-County	Caltrans	Maintenance/ Rehabilitation	VAR190001	GL: Pvmt Resurf/Rehab State Hwy Sys - SHOPP Minor	\$26,719,000				\$26,719,000	\$45,068,000
State Highway	Regional/ Multi-County	Caltrans	System Management	VAR170002	GL: Highway Safety Improvement Program	\$13,427,391	\$18,614,739			\$32,042,130	\$72,836,533
State Highway	Regional/ Multi-County	Caltrans	System Management	VAR170005	GL: Safety Improvements - SHOPP Mobility Program	\$28,175,000	\$109,881,000	\$172,718,000	\$44,999,000	\$355,773,000	\$501,470,000
State Highway	Regional/ Multi-County	Caltrans	System Management	VAR170007	GL: Safety Imprv. - SHOPP Collision Reduction	\$43,153,000	\$203,260,000	\$12,589,000	\$59,804,000	\$318,806,000	\$898,611,000
State Highway	Regional/ Multi-County	Caltrans	System Management	VAR170009	GL: Safety Improvements - SHOPP Mandates	\$22,548,000	\$47,918,000	\$41,714,000	\$36,011,000	\$148,191,000	\$232,991,000
State Highway	Regional/ Multi-County	Caltrans	System Management	VAR170017	GL: Railroad-Highway Crossing	\$3,375,000				\$3,375,000	\$23,746,288
State Highway	Regional/ Multi-County	MTC	Maintenance/ Rehabilitation	REG130001	Toll Bridge Maintenance	\$21,000,000	\$21,000,000	\$21,000,000	\$21,000,000	\$84,000,000	\$177,000,000
State Highway	Regional/ Multi-County	MTC	Maintenance/ Rehabilitation	REG130002	Toll Bridge Rehabilitation Program	\$51,000,000	\$34,000,000	\$41,000,000	\$33,000,000	\$159,000,000	\$1,112,091,906
State Highway	Regional/ Multi-County	MTC	System Management	REG090003	Freeway Performance Initiative (FPI)						\$307,005,638
State Highway	Regional/ Multi-County	MTC	System Management	REG170002	Connected Bay Area	\$1,840,000	\$10,600,000			\$12,440,000	\$19,090,000

**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
State Highway	Regional/ Multi-County	MTC	System Management	REG170003	511 Carpool and Vanpool Programs						\$17,590,222
State Highway	Regional/ Multi-County	MTC	System Management	REG170005	Bay Bridge Forward - Flexible On-Demand Transit						\$1,000,000
State Highway	Regional/ Multi-County	MTC	System Management	REG170007	Incident Management Program						\$4,677,000
State Highway	Regional/ Multi-County	MTC	System Management	REG170018	Connected & Automated Vehicles						\$2,500,000
State Highway	Regional/ Multi-County	MTC	System Management	VAR170013	Bay Bridge Forward - Casual Carpool						\$1,000,000
State Highway	Regional/ Multi-County	MTC	System Management	VAR170014	Bay Bridge Forward - Integrated Bridge Corridor						\$3,000,000
State Highway	Regional/ Multi-County	MTC	System Management	VAR170021	Freeway Performance Program: I-880 Corridor						\$3,000,000
State Highway	Regional/ Multi-County	MTC	System Management	VAR170023	Freeway Performance Program: SR-84		\$4,000,000			\$4,000,000	\$4,375,000
State Highway	Regional/ Multi-County	MTC	System Management	VAR190004	Freeway Performance Program: SR 37						\$1,000,000
State Highway	San Francisco	MTC	System Management	SF-170003	Bay Bridge Forward-Sterling/Bryant St Managed Lane						\$7,633,000
State Highway	San Francisco	SF County TA	Maintenance/ Rehabilitation	SF-070027	Yerba Buena Island (YBI) Ramp Improvements	\$98,765,777	\$7,317,003	\$11,795,990	\$10,278,473	\$128,157,243	\$370,858,645
State Highway	San Francisco	SF County TA	Maintenance/ Rehabilitation	SF-190011	US 101 Doyle Drive Availability Payments	\$21,200,000	\$21,200,000	\$21,200,000	\$21,200,000	\$84,800,000	\$1,115,070,000
State Highway	San Francisco	SF County TA	System Management	SF-130008	HOV/HOT Lanes on U.S.101 and I-280 in SF						\$42,900,000
State Highway	San Mateo	Brisbane	System Management	SM-090004	US 101/Candlestick I/C Reconfiguration				\$1,500,000	\$1,500,000	\$25,000,000
State Highway	San Mateo	CCAG	Expansion	SM-150017	US101 Managed Lanes: Santa Clara Co-S of Grand Ave	\$14,500,000	\$3,000,000			\$17,500,000	\$514,829,699
State Highway	San Mateo	CCAG	Expansion	SM-190009	US-101 Managed Lanes North of I-380				\$14,177,000	\$14,177,000	\$142,177,000
State Highway	San Mateo	CCAG	System Management	SM-090014	Improve US 101 operations near Rte 92		\$3,217,000			\$3,217,000	\$27,269,000
State Highway	San Mateo	Half Moon Bay	Expansion	SM-090015	Route 1 improvements in Half Moon Bay	\$6,400,000				\$6,400,000	\$10,150,000
State Highway	San Mateo	MTC	System Management	SM-190004	FPP: US 101 Adaptive Ramp Metering						\$3,300,000
State Highway	San Mateo	Redwood City	Expansion	SM-050027	US 101 / Woodside Interchange Improvement		\$28,000,000			\$28,000,000	\$171,000,000
State Highway	San Mateo	San Carlos	System Management	SM-090008	US101/Holly St I/C Mod and Bike/Ped Overcrossing		\$27,320,000			\$27,320,000	\$40,120,000
State Highway	San Mateo	San Mateo	Expansion	SM-170011	US 101/Peninsula Avenue Interchange Improvements						\$117,700,000
State Highway	San Mateo	San Mateo	System Management	SM-110047	SR92/El Camino Real (SR82) Ramp Modifications	\$217,000				\$217,000	\$27,759,425
State Highway	San Mateo	SMCTA	Expansion	SM-090009	US 101 Aux lanes from Sierra Point to SF Co. Line						\$74,800,000
State Highway	San Mateo	SSF	Expansion	SM-110003	US 101/Produce Avenue New Interchange	\$6,300,000				\$6,300,000	\$136,490,000
State Highway	San Mateo	SSF	System Management	SM-170016	SSF Grand Boulevard Complete Streets (Phase III)		\$1,125,000			\$1,125,000	\$1,275,000
State Highway	Santa Clara	Caltrans	Maintenance/ Rehabilitation	SCL190034	SCL-SM I-280 Pavement Preserv. and HOV Extension						\$59,470,000
State Highway	Santa Clara	Campbell	System Management	SCL210003	SR 17 Southbound/Hamilton Ave. Off-Ramp Widening				\$507,000	\$507,000	\$1,507,000
State Highway	Santa Clara	San Jose	Expansion	SCL030006	US 101/Blossom Hill Interchange Improvements						\$24,414,000
State Highway	Santa Clara	VTA	Expansion	SCL090016	SR 152 New Alignment						\$30,000,000
State Highway	Santa Clara	VTA	Expansion	SCL090030	SR 85 Express Lanes	\$2,300,000				\$2,300,000	\$187,500,000
State Highway	Santa Clara	VTA	Expansion	SCL110002	Santa Clara County - US 101 Express Lanes	\$4,754,000		\$3,207,000		\$7,961,000	\$466,045,000
State Highway	Santa Clara	VTA	Expansion	SCL190002	I-280/Foothill Expressway Off Ramp Improvement						\$5,500,000
State Highway	Santa Clara	VTA	Expansion	SCL190009	Calaveras Boulevard Widening	\$16,000,000		\$63,000,000		\$79,000,000	\$85,000,000
State Highway	Santa Clara	VTA	Expansion	SCL210002	US 101/SR 152/10th Ramp and Intersection Imp.		\$500,000	\$1,300,000	\$2,700,000	\$4,500,000	\$10,800,000
State Highway	Santa Clara	VTA	System Management	SCL130044	I-880 Stevens Creek Landscaping						\$3,805,418
State Highway	Santa Clara	VTA	System Management	SCL150001	I-680 Soundwalls - Capitol Expwy to Mueller Ave	\$3,275,000				\$3,275,000	\$5,631,700
State Highway	Santa Clara	VTA	System Management	SCL150014	I-280/Winchester Blvd Interchange Improvement	\$6,000,000	\$10,000,000	\$68,000,000		\$84,000,000	\$89,000,000
State Highway	Santa Clara	VTA	System Management	SCL170064	I-280 Soundwalls - SR-87 to Los Gatos Creek Bridge	\$929,000	\$456,000	\$4,782,000		\$6,167,000	\$7,000,000
State Highway	Santa Clara	VTA	System Management	SCL190003	Hwy. Transp Operations System/FPI Phase 1 & 2	\$750,000	\$250,000	\$3,250,000		\$4,250,000	\$20,000,000
State Highway	Santa Clara	VTA	System Management	SCL190004	I-280 HOV - San Mateo County line to Magdalena Ave	\$6,000,000		\$10,500,000		\$16,500,000	\$54,000,000
State Highway	Santa Clara	VTA	System Management	SCL190005	SR 237 WB Auxiliary Lane fr McCarthy to North 1st	\$4,300,000	\$16,000,000	\$28,200,000		\$48,500,000	\$52,000,000
State Highway	Santa Clara	VTA	System Management	SCL190006	Double Lane Southbound US 101 off-ramp to SB SR 87						\$3,000,000
State Highway	Santa Clara	VTA	System Management	SCL190008	US 101/De L Cruz Blvd - Trimble Road I/C Imp	\$28,000,000					\$53,000,000
State Highway	Santa Clara	VTA	System Management	SCL190010	US 101/Buena Vista Avenue Interchange Improvement		\$4,000,000	\$5,000,000	\$2,000,000	\$11,000,000	\$34,000,000
State Highway	Santa Clara	VTA	System Management	SCL190011	I-280/Wolfe Road Interchange Improvement	\$7,000,000	\$6,530,000	\$77,150,000		\$90,680,000	\$95,680,000
State Highway	Santa Clara	VTA	System Management	SCL190012	US 101/San Antonio Rd/Charleston/Rengstorff IC Imp	\$8,000,000		\$26,000,000		\$34,000,000	\$40,000,000
State Highway	Santa Clara	VTA	System Management	SCL190013	US 101/SR 25 Interchange - Phase 1	\$15,000,000	\$24,000,000			\$39,000,000	\$101,200,000
State Highway	Santa Clara	VTA	System Management	SCL190014	SR 17 Congestion Relief in Los Gatos	\$4,700,000	\$450,000	\$5,000,000	\$50,000	\$10,200,000	\$51,000,000
State Highway	Santa Clara	VTA	System Management	SCL190015	I-280/Saratoga Avenue Interchange Improvement	\$4,000,000	\$5,500,000	\$3,200,000		\$12,700,000	\$60,000,000
State Highway	Santa Clara	VTA	System Management	SCL190016	I-280 NB Braided Ramps btw Foothill Expwy & SR 85	\$8,100,000	\$2,700,000	\$35,100,000		\$45,900,000	\$54,000,000
State Highway	Santa Clara	VTA	System Management	SCL190017	I-680/ Alum Rock/ McKee Road Interchange Imp	\$4,700,000	\$7,050,000	\$2,350,000	\$30,550,000	\$44,650,000	\$47,000,000
State Highway	Santa Clara	VTA	System Management	SCL190031	Santa Clara Countywide Noise Abatement Program			\$5,000,000	\$10,000,000	\$15,000,000	\$36,000,000
State Highway	Santa Clara	VTA	System Management	SCL210001	SR 87/Charcot Ave On-Ramp HOV Bypass	\$2,700,000				\$2,700,000	\$3,000,000
State Highway	Solano	MTC	Expansion	SOL110001	Solano I-80 Managed Lanes		\$34,000,000			\$34,000,000	\$262,100,000
State Highway	Solano	Solano County	Expansion	SOL090015	Redwood-Fairgrounds Dr Interchange Imps		\$5,000,000			\$5,000,000	\$96,476,235
State Highway	Solano	STA	Expansion	SOL070020	I-80/I-680/SR 12 Interchange Improvements						\$661,017,000
State Highway	Solano	STA	Expansion	SOL190024	I-80/I-680/SR 12 Interchange Phase 2A		\$77,000,000			\$77,000,000	\$92,700,000
State Highway	Solano	STA	System Management	SOL150003	SR12/Church Rd Intersection Improvements	\$70,000	\$3,620,000			\$3,690,000	\$4,800,000
State Highway	Solano	Vallejo	System Management	SOL110037	Sonoma Boulevard Improvements HSIP5-04-031						\$412,402
State Highway	Sonoma	Santa Rosa	System Management	SON150006	US 101 Hearn Ave Interchange						\$34,650,000
State Highway	Sonoma	Son Co TA	Expansion	SON070004	US 101 Marin/Sonoma Narrows (Sonoma)						\$373,527,000
State Highway	Sonoma	Son Co TA	System Management	SON150009	Highway 116/121 Intersection Improvement Project						\$21,580,000
<b>State Highway Total</b>						<b>\$1,068,662,804</b>	<b>\$1,226,889,742</b>	<b>\$957,300,990</b>	<b>\$835,486,473</b>	<b>\$4,088,340,009</b>	<b>\$18,148,830,897</b>
Transit	Alameda	AC Transit	Expansion	ALA150004	AC Transit: East Bay Bus Rapid Transit						\$205,569,113
Transit	Alameda	AC Transit	Expansion	ALA150052	AC Transit: SFOBB Forward						\$12,425,167
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA010034	AC Transit: Facilities Upgrade						\$55,663,370
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA150038	AC Transit: Purchase (10) Double-Deck Diesel Buses						\$10,248,896
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA150039	AC Transit: Purchase (10) 40' Buses-Fuel Cell ZEB						\$12,797,000

**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA150045	AC Transit: PM - Exchange for 40ft Fuel Cell ZEB						\$5,936,700
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA170027	AC Transit: Purchase 36 Coach Buses (MCIs)						\$29,356,351
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA170028	AC Transit: Purchase (35) 40ft Diesel Buses						\$18,795,000
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA170029	AC Transit: Preventive Maintenance (Swap)						\$22,650,000
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA170030	AC Transit: Preventive Maintenance (Deferred Comp)						\$975,800
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA170041	AC Transit: 5 Battery Electric Bus purchase						\$6,377,448
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA170081	AC Transit:AC Transit: Replace 50 40-ft Diesels						\$28,887,533
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA170082	AC Transit: Purchase 40 Zero-Emission Buses						\$42,381,448
Transit	Alameda	AC Transit	Maintenance/ Rehabilitation	ALA990052	AC Transit: Paratransit Van Replacement						\$27,177,968
Transit	Alameda	AC Transit	Operations	ALA190023	AC Transit: COVID-19 Emergency Transit Operations	\$33,793,809				\$33,793,809	\$114,160,204
Transit	Alameda	AC Transit	Operations	ALA990076	AC Transit: ADA Paratransit Assistance						\$133,820,056
Transit	Alameda	AC Transit	System Management	ALA150020	AC Transit: South County Corridors						\$5,858,584
Transit	Alameda	AC Transit	System Management	ALA170059	San Pablo and Telegraph Ave Rapid Bus Upgrades						\$10,000,000
Transit	Alameda	ACE	Expansion	ALA170042	ACE Platform Extensions	\$8,456,000				\$8,456,000	\$11,400,000
Transit	Alameda	ACE	Maintenance/ Rehabilitation	ALA010056	ACE Track Improvements.						\$18,161,681
Transit	Alameda	ACE	Maintenance/ Rehabilitation	ALA110099	ACE Preventative Maintenance						\$4,224,251
Transit	Alameda	ACE	Maintenance/ Rehabilitation	ALA170079	ACE: Railcar Midlife Overhaul	\$7,367,932				\$7,367,932	\$15,067,932
Transit	Alameda	ACE	Operations	ALA170048	ACE Fixed Guideway (Capital Lease)	\$2,212,500				\$2,212,500	\$8,134,800
Transit	Alameda	BART	Expansion	ALA110003	Hayward Shop and Yard Expansion						\$160,499,000
Transit	Alameda	BART	Expansion	ALA130032	BART Metro Priority Track Elements						\$8,500,057
Transit	Alameda	BART	Maintenance/ Rehabilitation	ALA090065	BART: Fare Collection Equipment						\$62,102,214
Transit	Alameda	BART	Maintenance/ Rehabilitation	ALA090068	MacArthur BART Plaza Remodel						\$6,972,527
Transit	Alameda	BART	Maintenance/ Rehabilitation	ALA190014	BART-Elevator Renovation program	\$8,750,000				\$8,750,000	\$17,500,000
Transit	Alameda	BART	Operations	ALA190025	BART: COVID-19 Emergency Transit Operations	\$125,416,405				\$125,416,405	\$377,053,455
Transit	Alameda	BART	System Management	ALA170044	Bay Fair Connection	\$47,341,000		\$47,059,000		\$94,400,000	\$150,000,000
Transit	Alameda	BART	System Management	ALA170055	19th Street BART Station Modernization-GO Uptown						\$29,438,837
Transit	Alameda	LAVTA	Maintenance/ Rehabilitation	ALA030030	LAVTA: Preventive Maintenance						\$13,334,308
Transit	Alameda	LAVTA	Maintenance/ Rehabilitation	ALA150031	LAVTA: Replacement (11) 40' Hybrid Buses						\$8,693,025
Transit	Alameda	LAVTA	Maintenance/ Rehabilitation	ALA150032	LAVTA: Replacement (9) 30' Hybrid Buses						\$6,697,350
Transit	Alameda	LAVTA	Maintenance/ Rehabilitation	ALA170091	Livermore Transit Center Rehab and Improvement						\$623,000
Transit	Alameda	LAVTA	Maintenance/ Rehabilitation	ALA190005	Hybrid Bus Battery Pack Replacement						\$1,000,001
Transit	Alameda	LAVTA	Operations	ALA190026	LAVTA: COVID-19 Emergency Transit Operations	\$3,317,752				\$3,317,752	\$6,819,121
Transit	Alameda	LAVTA	Operations	ALA990077	LAVTA: ADA Paratransit Operating Subsidy						\$8,525,977
Transit	Alameda	LAVTA	System Management	ALA150035	LAVTA: Farebox Replacement						\$497,803
Transit	Alameda	MTC	System Management	ALA170058	Bay Bridge Forward: West Grand TSP						\$1,000,000
Transit	Alameda	SJRC	Operations	ALA190024	ACE: COVID-19 Emergency Transit Operations						\$2,680,453
Transit	Alameda	Union C Transit	Maintenance/ Rehabilitation	ALA170014	Union City Paratransit Van Procurement						\$1,032,000
Transit	Alameda	Union C Transit	Maintenance/ Rehabilitation	ALA190029	Union City Transit Electric Bus Procurement	\$7,194,282				\$7,194,282	\$9,994,282
Transit	Alameda	Union C Transit	Operations	ALA170039	Union City: ADA Paratransit Operating Subsidy						\$674,664
Transit	Alameda	Union C Transit	Operations	ALA190027	Union City Transit: COVID-19 Emergency Transit Ops	\$1,023,851				\$1,023,851	\$1,946,411
Transit	Alameda	Union C Transit	System Management	ALA170013	Union City Transit Travel Time Improvements						\$181,393
Transit	Contra Costa	BART	Expansion	CC-050025	BART to Antioch - East Contra Costa Rail Extension						\$459,911,000
Transit	Contra Costa	BART	Expansion	CC-130002	eBART Railroad Avenue Station						\$13,400,000
Transit	Contra Costa	BART	Maintenance/ Rehabilitation	CC-150019	Concord Yard Wheel Truing Facility						\$14,000,000
Transit	Contra Costa	BART	Maintenance/ Rehabilitation	CC-170060	Concord BART Station Modernization	\$9,500,000				\$9,500,000	\$13,000,000
Transit	Contra Costa	BART	System Management	CC-110082	Walnut Creek BART TOD Access Improvements						\$11,050,000
Transit	Contra Costa	BART	System Management	CC-170024	El Cerrito del Norte BART Station Modernization						\$30,168,407
Transit	Contra Costa	CCCTA	Maintenance/ Rehabilitation	CC-150006	CCCTA: Replace 18 30' Buses						\$11,916,189
Transit	Contra Costa	CCCTA	Maintenance/ Rehabilitation	CC-150007	CCCTA: Replace 13 35' Buses						\$6,382,675
Transit	Contra Costa	CCCTA	Maintenance/ Rehabilitation	CC-170051	CCCTA Replace 42 Ford Cutaways - 22"						\$5,381,250
Transit	Contra Costa	CCCTA	Maintenance/ Rehabilitation	CC-170053	CCCTA Replace 3 Gasoline 7-Year Paratransit Vans						\$159,000
Transit	Contra Costa	CCCTA	Operations	CC-190013	CCCTA: COVID-19 Emergency Transit Operations	\$4,745,001				\$4,745,001	\$11,812,681
Transit	Contra Costa	CCCTA	Operations	CC-99T001	CCCTA: ADA Paratransit Assistance						\$23,696,482
Transit	Contra Costa	CCCTA	System Management	CC-150012	REMIX Software Implementation Project						\$40,281
Transit	Contra Costa	CCTA	Operations	CC-170061	I-680 Part Time Transit Lane	\$900,000				\$900,000	\$10,100,000
Transit	Contra Costa	ECCTA	Expansion	CC-190010	ECCTA: Oakley Park and Ride						\$6,400,000
Transit	Contra Costa	ECCTA	Maintenance/ Rehabilitation	CC-070092	ECCTA: Transit Bus Replacements						\$42,210,286
Transit	Contra Costa	ECCTA	Operations	CC-030035	Tri-Delta: ADA Operating Assistance						\$12,104,559
Transit	Contra Costa	ECCTA	Operations	CC-190014	ECCTA: COVID-19 Emergency Transit Operations	\$4,133,274				\$4,133,274	\$8,024,638
Transit	Contra Costa	ECCTA	System Management	CC-150020	ECCTA: Non-ADA Paratransit to FR Incentive Program						\$1,021,621
Transit	Contra Costa	Hercules	Expansion	CC-030002	Hercules Intercity Rail Station						\$96,386,000
Transit	Contra Costa	Oakley	System Management	CC-170019	Civic Center Railroad Platform Park & Ride Complex						\$8,000,000
Transit	Contra Costa	Pittsburg	Expansion	CC-130039	Pittsburg Multimodal Transit Station Access Imps.						\$3,937,000
Transit	Contra Costa	SJRC	Expansion	CC-190002	Oakley Station Platform	\$7,997,119				\$7,997,119	\$8,623,356
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-030025	WCCTA: Preventive Maintenance Program						\$2,508,911
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170006	WestCAT: Replace (2) 2002 40ft Revenue Vehicles						\$1,076,000
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170007	WestCAT: Purchase 2 Fast Fare Electronic Fareboxes						\$35,623
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170008	WestCAT Replace (6) 2008 35ft Revenue Vehicles						\$3,348,000
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170009	WestCAT: Purchase (6) Electronic Fareboxes						\$106,868
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170010	WestCAT Replace 5 35ft and 4 40ft Vehicles						\$4,729,001



**TIP Project Listings - Funding by Mode  
2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170011	WestCAT: Purchase (9) Electronic Fareboxe						\$160,302
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170012	WestCAT - Replace (2) DAR MiniVans						\$312,000
Transit	Contra Costa	WCCTA	Maintenance/ Rehabilitation	CC-170013	WestCAT: Purchase of (2) Radio Systems						\$2,000
Transit	Contra Costa	WCCTA	Operations	CC-190015	WCCTA: COVID-19 Emergency Transit Operations	\$1,799,634				\$1,799,634	\$4,017,838
Transit	Contra Costa	WCCTA	Operations	CC-990045	WestCat: ADA Paratransit Operating Subsidy						\$4,472,171
Transit	Contra Costa	WCCTA	System Management	CC-150015	WestCAT: Purchase (1) Fast Fare Electronic Farebox						\$17,811
Transit	Contra Costa	WCCTA	System Management	CC-150021	WestCAT - AVL System with APC Element.						\$762,144
Transit	Marin	GGBHTD	Expansion	MRN130001	Larkspur Ferry Terminal Parking Garage		\$1,000,000			\$1,000,000	\$1,000,000
Transit	Marin	GGBHTD	Expansion	MRN190001	Golden Gate Ferry: New Vessel						\$30,000,000
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN030010	GGBHTD: Fixed Guideway Connectors						\$66,495,992
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN050025	GGBHTD: Facilities Rehabilitation						\$39,163,986
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN150005	MS Sonoma Ferry Boat Refurbishment						\$21,362,378
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN150014	GGBHTD Ferry Major Components Rehab						\$21,175,546
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN150015	GGBHTD Ferry Propulsion Systems Replacement						\$12,419,433
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN170008	GGBHTD: Replace 67 Diesel Buses with Hybrid Buses						\$65,573,025
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN170009	GGBHTD: Replace Paratransit Vehicles						\$679,515
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN170024	Replace 14 - 22' Gas Body-on-Chassis Vehicles						\$1,274,000
Transit	Marin	GGBHTD	Maintenance/ Rehabilitation	MRN990017	GGBHTD: Ferry Channel & Berth Dredging						\$26,144,027
Transit	Marin	GGBHTD	Operations	MRN190014	GGBHTD: COVID-19 Emergency Transit Operations	\$21,417,456				\$21,417,456	\$51,580,462
Transit	Marin	GGBHTD	System Management	MRN130015	GGBHTD - Transit Systems Enhancements						\$2,924,214
Transit	Marin	GGBHTD	System Management	MRN170013	San Rafael Transit Center Relocation						\$46,412,000
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN110040	MCTD Preventive Maintenance						\$411,843
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN150003	MCTD: On Board Vehicle Equipment						\$377,075
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN150010	MCTD - Relocate Transit Maintenance Facility						\$7,522,249
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN150011	MCTD- Replace Shuttle Vehicles						\$1,562,150
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN150012	MCTD - Replace 13 -40ft Buses						\$9,634,000
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN150013	MCTD - Emergency Radio System						\$348,000
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN170003	MCTD: Replace Paratransit Vehicles						\$1,739,000
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN170004	MCTD: Replace Paratransit Vehicles with Vans						\$143,530
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN170005	MCTD: Replace Rural Cutaway Vehicles						\$616,000
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN170006	MCTD: Replace Articulated Vehicles						\$12,768,002
Transit	Marin	MCTD	Maintenance/ Rehabilitation	MRN170007	MCTD-Replace diesel vehicles						\$850,000
Transit	Marin	MCTD	Operations	MRN110041	Marin Transit Low Income Youth Pass Program						\$564,724
Transit	Marin	MCTD	Operations	MRN110047	MCTD: ADA Paratransit Assistance						\$7,387,791
Transit	Marin	MCTD	Operations	MRN190013	Marin Transit: COVID-19 Emergency Transit Ops	\$4,737,498				\$4,737,498	\$10,176,307
Transit	Napa	MTC	System Management	NAP190004	Napa Valley Forward						\$1,100,000
Transit	Napa	NVTA	Expansion	NAP050009	Park & Ride Lots in Napa County						\$5,737,131
Transit	Napa	NVTA	Expansion	NAP170003	NVTA- Vine Transit Bus Maintenance Facility		\$4,000,000			\$4,000,000	\$22,000,000
Transit	Napa	NVTA	Maintenance/ Rehabilitation	NAP090005	NVTA: Replace Rolling Stock						\$17,820,340
Transit	Napa	NVTA	Maintenance/ Rehabilitation	NAP090008	NVTA Equipment Replacement and Upgrades						\$3,510,577
Transit	Napa	NVTA	Maintenance/ Rehabilitation	NAP190006	Imola Park & Ride and Express Bus Stop Improvement	\$1,793,231				\$1,793,231	\$2,754,136
Transit	Napa	NVTA	Operations	NAP030004	NVTA: ADA Operating Assistance						\$983,587
Transit	Napa	NVTA	Operations	NAP190005	NVTA: COVID-19 Emergency Transit Operations	\$1,675,538				\$1,675,538	\$4,377,272
Transit	Napa	NVTA	Operations	NAP970010	Napa Vine Operating Assistance						\$48,348,798
Transit	Regional/ Multi-County	ACE	System Management	REG110044	ACE Positive Train Control						\$34,325,358
Transit	Regional/ Multi-County	BART	Expansion	REG170017	BART Transbay Core Capacity Improvements				\$174,110,000	\$174,110,000	\$3,510,700,000
Transit	Regional/ Multi-County	BART	Maintenance/ Rehabilitation	BRT030004	BART Train Control Renovation						\$263,968,188
Transit	Regional/ Multi-County	BART	Maintenance/ Rehabilitation	BRT030005	BART: Traction Power System Renovation						\$227,628,454
Transit	Regional/ Multi-County	BART	Maintenance/ Rehabilitation	BRT97100B	BART: Rail, Way and Structures Program						\$297,027,833
Transit	Regional/ Multi-County	BART	Maintenance/ Rehabilitation	REG050020	BART Car Exchange (Preventive Maintenance)						\$674,384,612
Transit	Regional/ Multi-County	BART	Maintenance/ Rehabilitation	REG090037	BART: Railcar Procurement Program		\$4,000,000			\$4,000,000	\$2,728,299,247
Transit	Regional/ Multi-County	BART	System Management	BRT99T01B	BART:ADA Paratransit Capital Accessibility Improve						\$53,870,546
Transit	Regional/ Multi-County	BART	System Management	REG150005	Transit-Oriented Development Pilot Planning Progra						\$1,420,000
Transit	Regional/ Multi-County	BART	System Management	REG170008	BART Integrated Carpool to Transit Access Program						\$521,000
Transit	Regional/ Multi-County	BART	System Management	REG170009	BART Train Seat Modification						\$1,698,000
Transit	Regional/ Multi-County	BART	System Management	VAR190002	BART: TOD Implementation	\$3,610,000				\$3,610,000	\$5,192,000
Transit	Regional/ Multi-County	Caltrain	Maintenance/ Rehabilitation	REG090051	Caltrain: Revenue Vehicle Rehab Program						\$14,846,186
Transit	Regional/ Multi-County	Caltrain	Maintenance/ Rehabilitation	SM-050041	Caltrain: Signal/Communication Rehab. & Upgrades						\$46,878,323
Transit	Regional/ Multi-County	Caltrain	System Management	REG110030	Caltrain Positive Train Control System						\$258,100,000
Transit	Regional/ Multi-County	MTC	Maintenance/ Rehabilitation	REG170023	TCP Financing Repayment Obligations						\$1,538,209,625
Transit	Regional/ Multi-County	MTC	Maintenance/ Rehabilitation	VAR190007	GL: Transit Preventive Maintenance						\$10,991,822
Transit	Regional/ Multi-County	MTC	Operations	REG110039	GL: 5307 JARC Set-aside FY13-FY14 Large UA						\$6,389,078
Transit	Regional/ Multi-County	MTC	Operations	REG150004	GL: Lifeline Cycle 4 5307 JARC						\$17,347,062
Transit	Regional/ Multi-County	MTC	Operations	VAR150001	GL: FTA 5311 Rural Area FY16						\$3,048,098
Transit	Regional/ Multi-County	MTC	Operations	VAR170018	GL: FTA 5311 Rural Area FY17						\$2,986,520
Transit	Regional/ Multi-County	MTC	Operations	VAR170019	GL: FTA 5311 Rural Area FY18						\$2,912,075
Transit	Regional/ Multi-County	MTC	Operations	VAR170025	GL: Lifeline Transportation Program Cycle 5						\$23,877,300
Transit	Regional/ Multi-County	MTC	Operations	VAR170026	GL: FTA 5311 Rural Area FY19 and FY20						\$5,674,212
Transit	Regional/ Multi-County	MTC	Operations	VAR190006	GL: Transit Operating Assistance						\$39,789,546
Transit	Regional/ Multi-County	MTC	System Management	MTC050001	Bay Area Commuter Benefits Program	\$406,000				\$406,000	\$6,785,000

**TIP Project Listings - Funding by Mode**  
**2021 TIP: TIP Period Detail and Full Project Cost**

Report Sorted by: Mode, County, Sponsor, Purpose, TIP ID

Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Transit	Regional/ Multi-County	MTC	System Management	REG090045	Clipper Fare Collection System						\$128,233,455
Transit	Regional/ Multi-County	MTC	System Management	REG170022	Clipper® 2.0 Fare Payment System						\$248,520,000
Transit	Regional/ Multi-County	MTC	System Management	REG190001	MTC: COVID-19 Emergency Transit Operations	\$1,905,786				\$1,905,786	\$12,884,193
Transit	Regional/ Multi-County	MTC	System Management	VAR190005	GL: FTA Section 5310 Program FY18 and FY19						\$14,130,385
Transit	Regional/ Multi-County	SMART	Expansion	SON090002	Sonoma Marin Area Rail Corridor	\$10,757,000				\$10,757,000	\$640,981,625
Transit	Regional/ Multi-County	WETA	Expansion	MTC050027	Ferry Service - Berkeley		\$6,319,664			\$6,319,664	\$8,934,664
Transit	Regional/ Multi-County	WETA	Maintenance/ Rehabilitation	REG090054	WETA: Ferry Channel & Berth Dredging						\$6,395,000
Transit	Regional/ Multi-County	WETA	Maintenance/ Rehabilitation	REG090055	WETA: Ferry Propulsion System Replacement						\$30,817,000
Transit	Regional/ Multi-County	WETA	Maintenance/ Rehabilitation	REG090057	WETA: Ferry Major Component Rehab/Replacement						\$29,084,462
Transit	Regional/ Multi-County	WETA	Maintenance/ Rehabilitation	REG090067	WETA: Fixed Guideway Connectors						\$14,625,552
Transit	Regional/ Multi-County	WETA	Maintenance/ Rehabilitation	REG110020	WETA: Facilities Rehabilitation						\$330,514
Transit	Regional/ Multi-County	WETA	Operations	VAR190008	WETA: COVID-19 Emergency Transit Operations	\$6,227,645				\$6,227,645	\$18,756,858
Transit	San Francisco	BART	Expansion	SF-050014	BART/MUNI Direct Connection Platform						\$3,000,000
Transit	San Francisco	BART	System Management	SF-170016	Embarcadero Stn: New North-Side Platform Elevator						\$15,000,000
Transit	San Francisco	GGBHTD	System Management	SF-170022	GGBHTD: Replace 2 Paratransit Vehicles						\$197,500
Transit	San Francisco	Port of SF	Expansion	SF-170001	Mission Bay Ferry Terminal						\$56,000,000
Transit	San Francisco	SF County TA	Expansion	SF-090011	Oakdale Caltrain Station						\$800,000
Transit	San Francisco	SF County TA	Expansion	SF-130010	Construct Treasure Island Bus Terminal Facility						\$2,790,000
Transit	San Francisco	SF County TA	System Management	SF-130005	Treasure Island Pricing Mobility Improvements						\$19,168,990
Transit	San Francisco	SFMTA	Expansion	SF-010037	SF Muni Third St LRT Phase 2 - New Central Subway						\$1,578,000,000
Transit	San Francisco	SFMTA	Expansion	SF-070003	Historic Streetcar Extension to Fort Mason						\$68,886,966
Transit	San Francisco	SFMTA	Expansion	SF-070004	Geary Bus Rapid Transit	\$6,112,463	\$3,376,185			\$9,488,648	\$300,000,000
Transit	San Francisco	SFMTA	Expansion	SF-070005	Van Ness Avenue Bus Rapid Transit						\$208,285,132
Transit	San Francisco	SFMTA	Expansion	SF-090012	Light Rail Vehicle Procurement	\$13,220,000	\$20,459,409			\$33,679,409	\$1,126,960,331
Transit	San Francisco	SFMTA	Expansion	SF-090016	Transit Center in Hunters Point						\$22,000,000
Transit	San Francisco	SFMTA	Expansion	SF-090020	Geneva Harney BRT Infrastructure: Central Segment						\$40,054,000
Transit	San Francisco	SFMTA	Expansion	SF-090023	Geneva Harney BRT Infrastructure - Eastern Segment		\$2,000,000	\$19,205,000		\$21,205,000	\$98,115,000
Transit	San Francisco	SFMTA	Expansion	SF-190013	SFMTA Zero Emission Bus Procurement	\$18,402,189				\$18,402,189	\$23,225,000
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-030013	SFMTA: Wayside Fare Collection Equipment						\$43,878,241
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-050024	SFMTA: Train Control & Trolley Signal Rehab/Replace	\$23,410,615	\$11,885,802	\$5,803,000		\$41,099,417	\$209,676,481
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-090035	SFMTA: Paratransit Vehicle Replacements						\$14,653,314
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-150005	SFMTA - Replacement of 40' Motor Coaches						\$159,289,355
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-150006	SFMTA Replacement of 60' Motor Coaches						\$191,197,671
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-170004	SFMTA: Replacement of 40' Trolley Coaches						\$249,813,191
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-170008	SFMTA: Replace 35 Paratransit Cutaway Vans						\$4,012,037
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-170018	SFMTA: 60' Motor Coach Mid-Life Overhaul	\$2,116,979	\$3,462,100			\$5,579,079	\$32,370,726
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-170020	SFMTA: Replacement of 30' Motor Coaches	\$7,897,824	\$7,897,824			\$15,795,648	\$42,813,716
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-170021	SFMTA: Rehab Historic Streetcars	\$2,630,936	\$1,958,286			\$4,589,222	\$28,648,723
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-190001	Woods Bus Facility Modernization						\$5,500,000
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-190002	L-Taraval - SGR Project Elements	\$26,000,000				\$26,000,000	\$31,087,500
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-190003	Muni Metro East Facility - Boiler Replacement						\$6,440,944
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-190004	SFMTA-Facilities Condition Assessment Repairs	\$1,546,868	\$2,800,000			\$4,346,868	\$23,597,031
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-95037B	SF Muni Rail Replacement Program	\$10,546,371	\$11,388,957			\$21,935,328	\$290,456,438
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-970073	SFMTA: Cable Car Vehicle Renovation Program		\$320,000			\$320,000	\$30,260,341
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-970170	SFMTA: Overhead Line Recon. & Traction Power Prog	\$4,699,282	\$2,150,000	\$2,571,820		\$9,421,102	\$218,426,083
Transit	San Francisco	SFMTA	Maintenance/ Rehabilitation	SF-99T002	Cable Car Traction Power & Guideway Rehab		\$7,399,714		\$1,378,114	\$8,777,828	\$100,640,727
Transit	San Francisco	SFMTA	Operations	SF-190007	SFMTA: COVID-19 Emergency Transit Operations	\$176,592,087				\$176,592,087	\$373,782,759
Transit	San Francisco	SFMTA	Operations	SF-990022	SFMTA: ADA Paratransit Operating Support						\$238,337,662
Transit	San Francisco	SFMTA	System Management	SF-190012	SFMTA - Core Capacity Program	\$1,450,000	\$12,734,000			\$14,184,000	\$57,690,000
Transit	San Francisco	TBJPA	Expansion	SF-050002	Transbay Terminal/Caltrain Downtown Ext: Ph. 2	\$66,400,000	\$10,987,516	\$25,900,000		\$103,287,516	\$4,250,000,000
Transit	San Francisco	TBJPA	Operations	SF-190009	TJPA: COVID-19 Emergency Transit Operations	\$583,287				\$583,287	\$583,287
Transit	San Francisco	TIMMA	Expansion	SF-190006	Treasure Island Ferry Terminal Landside Imprvmnts		\$4,220,455			\$4,220,455	\$4,331,010
Transit	San Francisco	WETA	Expansion	SF-190008	WETA: Electric Vessels and Related Infrastructure						\$9,060,000
Transit	San Francisco	WETA	Maintenance/ Rehabilitation	SF-110053	WETA: Replace Ferry Vessels		\$1,396,683			\$1,396,683	\$92,989,088
Transit	San Mateo	BART	Maintenance/ Rehabilitation	SM-050005	BART: Preventive Maintenance						\$46,655,430
Transit	San Mateo	BART	System Management	SM-130029	Daly City BART Station Intermodal Improvements						\$1,100,000
Transit	San Mateo	Caltrain	Expansion	SM-190002	Peninsula Corridor Electrification Expansion				\$41,340,000	\$41,340,000	\$203,638,000
Transit	San Mateo	Caltrain	Maintenance/ Rehabilitation	SM-03006B	Caltrain: Systemwide Track Rehab & Related Struct.						\$194,055,258
Transit	San Mateo	Caltrain	Maintenance/ Rehabilitation	SM-170005	South San Francisco Caltrain Station Improvements						\$55,000,000
Transit	San Mateo	Caltrain	Maintenance/ Rehabilitation	SM-170010	Caltrain TVM Rehab and Clipper Functionality						\$2,842,006
Transit	San Mateo	Caltrain	Operations	SM-190011	Caltrain: COVID-19 Emergency Transit Operations	\$15,344,609				\$15,344,609	\$64,637,334
Transit	San Mateo	Caltrain	System Management	SF-010028	Caltrain Electrification	\$125,000,000	\$92,554,259			\$217,554,259	\$1,980,252,531
Transit	San Mateo	Redwood City	Expansion	SM-110002	Redwood City Ferry Service		\$560,000			\$560,000	\$3,032,000
Transit	San Mateo	SamTrans	Expansion	SM-190003	SamTrans Express Bus Service						\$36,502,574
Transit	San Mateo	SamTrans	Maintenance/ Rehabilitation	SM-030023	SAMTRANS: Preventive Maintenance						\$56,010,856
Transit	San Mateo	SamTrans	Maintenance/ Rehabilitation	SM-070049	SAMTRANS Facility/Equipment Rehab/Replacement						\$1,752,780
Transit	San Mateo	SamTrans	Maintenance/ Rehabilitation	SM-150010	SamTrans - Replacement of Cutaway Buses						\$2,816,925
Transit	San Mateo	SamTrans	Maintenance/ Rehabilitation	SM-150011	SamTrans - Purchase of Replacement Minivans						\$1,284,900
Transit	San Mateo	SamTrans	Operations	SM-190010	SamTrans: COVID-19 Emergency Transit Operations	\$17,361,063				\$17,361,063	\$45,880,100
Transit	San Mateo	SamTrans	Operations	SM-990026	SAMTRANS: ADA Paratransit Operating Subsidy						\$19,741,152

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Mode	County	Sponsor	Purpose	TIP ID	Project Name	FY2020-21	FY2021-22	FY2022-23	FY2023-24	2021 TIP Cost	Total Project Cost
Transit	San Mateo	SamTrans	System Management	SM-170008	El Camino Real Traffic Signal Priority Project						\$3,907,151
Transit	Santa Clara	Mountain View	System Management	SCL190032	Rengstorff Grade Separation		\$51,500,000	\$80,000,000		\$131,500,000	\$150,350,000
Transit	Santa Clara	VTA	Expansion	BRT030001	BART - Berryessa to San Jose Extension	\$29,702,000	\$2,613,967,000	\$540,000,000	\$540,000,000	\$3,183,669,000	\$4,779,935,000
Transit	Santa Clara	VTA	Expansion	SCL050009	Eastridge to BART Regional Connector						\$510,279,000
Transit	Santa Clara	VTA	Expansion	SCL090040	LRT Extension to Vasona Junction and Double Track						\$256,000,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL050001	VTA: Standard & Small Bus Replacement						\$297,481,126
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL050002	VTA: Rail Replacement Program						\$61,760,728
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL090044	VTA: TP OCS Rehab & Replacement						\$32,809,940
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL110099	VTA: Light Rail Bridge and Structure - SG Repair						\$4,850,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL110104	VTA: Light Rail Track Crossovers and Switches						\$35,193,847
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL150005	VTA Train to Wayside Communication System Upgrade						\$1,605,750
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170005	VTA: Paratransit Vehicle Procurement						\$10,216,645
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170006	VTA: Replace Fault Monitoring System on LRVs						\$2,819,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170008	VTA: Vasona Pedestrian Back Gates						\$2,900,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170009	VTA: Chaboya Yard Well Removal						\$395,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170010	VTA: Guadalupe Train Wash Replacement						\$2,810,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170011	VTA: Upgrade Rail Grade Crossing Control Equipment						\$5,460,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170047	VTA: Non-Revenue Vehicle Procurement						\$400,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170049	VTA: SCADA Middleware Replacement						\$1,438,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL170050	VTA: SCADA Control Center System Replacement						\$3,769,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190023	VTA: Bus CCTV Replacement						\$3,300,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190024	VTA: Transit Center Park and Ride Rehab						\$2,000,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190025	VTA: Gigabit Ethernet Network						\$1,200,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190026	VTA: HVAC Replacement						\$1,810,332
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190027	VTA: SCADA Hardware, Software, Network Upgrade						\$5,559,120
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190037	VTA: Bus & LR Vehicle Mobile Router Replacement						\$1,500,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190040	VTA: Fuel Dispenser & UDC Replacement						\$2,400,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190041	VTA: Replace UPSs and PDU in OCC/EOC						\$471,702
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190043	Replace/Upgrade Fire Alarm at Guadalupe & Chaboya						\$1,500,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190044	VTA: Network & Gigabit Fiber Upgrade						\$1,500,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190045	VTA: Cameras for VTA ACCESS Paratransit Vehicles						\$2,256,063
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190046	VTA: Rehab of LR System Elevators and Escalators	\$9,300,000				\$9,300,000	\$9,300,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190047	VTA: Downtown San Jose Speed Improvements	\$6,150,000				\$6,150,000	\$6,150,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190048	VTA: Light Rail Station Rehabilitation	\$970,000				\$970,000	\$970,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190049	VTA: Public Address System Upgrade	\$2,770,440				\$2,770,440	\$2,770,440
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190050	VTA: LR Platform CCTV System Replacement	\$557,000				\$557,000	\$557,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190051	VTA: Pedestrian Backgates - Non-Vasona	\$8,200,000				\$8,200,000	\$8,200,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190052	VTA: Guadalupe Roll Up Doors	\$2,500,000				\$2,500,000	\$2,500,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190053	VTA: Guadalupe Steam Rack Improv & Liner Replace	\$3,000,000				\$3,000,000	\$3,000,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL190054	VTA: Guadalupe Entrance Security Improvement	\$1,250,000				\$1,250,000	\$1,250,000
Transit	Santa Clara	VTA	Maintenance/ Rehabilitation	SCL990046	VTA: Preventive Maintenance						\$596,267,531
Transit	Santa Clara	VTA	Operations	SCL050046	VTA: ADA Operating Set Aside						\$67,836,371
Transit	Santa Clara	VTA	Operations	SCL190038	VTA: COVID-19 Emergency Transit Operations	\$68,552,110				\$68,552,110	\$141,575,706
Transit	Santa Clara	VTA	System Management	SCL150006	VTA: Back-up Power for Elevated Stations						\$400,000
Transit	Santa Clara	VTA	System Management	SCL150008	VTA Track Intrusion Abatement						\$11,000,000
Transit	Santa Clara	VTA	System Management	SCL170046	VTA: Systemwide Security Improvements						\$506,948
Transit	Santa Clara	VTA	System Management	SCL170048	VTA: Light Rail Roadway Protection System						\$1,939,000
Transit	Santa Clara	VTA	System Management	SCL190035	VTA - Not on Transit Program						\$500,000
Transit	Santa Clara	VTA	System Management	SCL190039	VTA: Facilities ADA Upgrades						\$3,200,000
Transit	Solano	Dixon	Operations	SOL190018	Dixon: COVID-19 Emergency Transit Operations	\$84,971				\$84,971	\$390,273
Transit	Solano	Fairfield	Expansion	SOL030002	Fairfield/Vacaville Intermodal Rail Station						\$80,591,461
Transit	Solano	Fairfield	Expansion	SOL110007	Fairfield Transportation Center - Phase 3						\$8,323,000
Transit	Solano	Fairfield	Maintenance/ Rehabilitation	SOL110041	Fairfield-Suisun Intercity/Local Bus Replacement						\$7,492,217
Transit	Solano	Fairfield	Operations	SOL010006	City of Fairfield Operating Assistance						\$69,657,216
Transit	Solano	Fairfield	Operations	SOL190020	Fairfield: COVID-19 Emergency Transit Operations	\$1,935,831				\$1,935,831	\$3,938,816
Transit	Solano	F-S Transit	Maintenance/ Rehabilitation	SOL190003	Fairfield - Electric Bus Fleet and Infrastructure	\$213,897				\$213,897	\$11,252,155
Transit	Solano	Rio Vista	Operations	SOL190019	Rio Vista: COVID-19 Emergency Transit Operations	\$38,512				\$38,512	\$157,840
Transit	Solano	SolTrans	Maintenance/ Rehabilitation	SOL070032	SolTrans: Preventive Maintenance						\$5,068,331
Transit	Solano	SolTrans	Maintenance/ Rehabilitation	SOL090034	SolTrans: Bus Replacement (Alternative Fuel)						\$14,284,365
Transit	Solano	SolTrans	Maintenance/ Rehabilitation	SOL190017	SolTrans Electric Bus Charging Infrastructure	\$624,000				\$624,000	\$5,355,000
Transit	Solano	SolTrans	Operations	SOL110025	SolTrans: ADA Paratransit Operating Subsidy						\$4,577,594
Transit	Solano	SolTrans	Operations	SOL110040	SolTrans: Operating Assistance						\$28,319,058
Transit	Solano	SolTrans	Operations	SOL190021	SolTrans: COVID-19 Emergency Transit Operations	\$2,941,048				\$2,941,048	\$5,531,848
Transit	Solano	SolTrans	System Management	SOL170002	SolTrans: Data Management Technology Enhancements						\$400,000
Transit	Solano	SolTrans	System Management	SOL170003	SolTrans: Facilities and Amenities Improvements						\$300,000
Transit	Solano	STA	System Management	SOL170009	Solano Mobility Call Center	\$339,000				\$339,000	\$1,736,000
Transit	Solano	STA	System Management	SOL170017	SolanoExpress Capitol Improvements						\$7,500,000
Transit	Solano	STA	System Management	SOL190002	SolanoExpress Bus Electrification	\$10,128,000	\$2,000,000			\$12,128,000	\$12,128,000
Transit	Solano	STA	System Management	SOL190023	Solano Regional Transit Improvements - TIRCP 2020	\$1,650,000	\$6,950,000	\$2,550,000		\$11,150,000	\$17,150,000
Transit	Solano	Vacaville	Operations	SOL010007	Vacaville Transit: Operating Assistance						\$23,028,833

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Transit	Solano	Vacaville	Operations	SOL190022	Vacaville: COVID-19 Emergency Transit Operations	\$1,301,228				\$1,301,228	\$1,789,887
Transit	Solano	Vacaville	System Management	SOL130017	Transit Marketing and Public Outreach						\$215,388
Transit	Sonoma	Petaluma	Maintenance/ Rehabilitation	SON170005	Petaluma: Transit Yard & Facilities Improvements						\$226,785
Transit	Sonoma	Petaluma	Maintenance/ Rehabilitation	SON170017	Petaluma AVL Equipment						\$224,000
Transit	Sonoma	Petaluma	Maintenance/ Rehabilitation	SON170018	Petaluma Purchase 1 Remanufactured Fixed Route Bus						\$226,667
Transit	Sonoma	Petaluma	Maintenance/ Rehabilitation	SON170020	Petaluma: Replace 2 Paratransit Cutaways						\$180,000
Transit	Sonoma	Petaluma	Maintenance/ Rehabilitation	SON190004	Petaluma: Purchase Replacement Paratransit Van						\$184,000
Transit	Sonoma	Petaluma	Maintenance/ Rehabilitation	SON190005	Petaluma Transit: Security Systems Upgrade						\$50,000
Transit	Sonoma	Petaluma	Operations	SON150007	Petaluma Transit: ADA Set-Aside						\$657,180
Transit	Sonoma	Petaluma	Operations	SON190008	Petaluma: COVID-19 Emergency Transit Operations	\$562,604				\$562,604	\$1,060,946
Transit	Sonoma	SantaRosa Bus	Maintenance/ Rehabilitation	SON090024	Santa Rosa CityBus: Preventative Maintenance						\$11,573,051
Transit	Sonoma	SantaRosa Bus	Maintenance/ Rehabilitation	SON150008	SantaRosa Bus: Bus Replacement Purchase						\$3,622,676
Transit	Sonoma	SantaRosa Bus	Maintenance/ Rehabilitation	SON170026	Santa Rosa CityBus: Electric Bus Replacement						\$3,513,708
Transit	Sonoma	SantaRosa Bus	Operations	SON090023	Santa Rosa CityBus: Operating Assistance						\$29,527,522
Transit	Sonoma	SantaRosa Bus	Operations	SON170003	Santa Rosa CityBus-paratransit operations						\$1,948,252
Transit	Sonoma	SantaRosa Bus	Operations	SON190009	SR CityBus: COVID-19 Emergency Transit Operations	\$1,581,689				\$1,581,689	\$4,075,668
Transit	Sonoma	SMART	Operations	SON190010	SMART: COVID-19 Emergency Transit Operations	\$4,577,061				\$4,577,061	\$14,952,532
Transit	Sonoma	Son Co Transit	Maintenance/ Rehabilitation	SON030005	Sonoma Co Transit: Preventive Maintenance Program						\$19,569,402
Transit	Sonoma	Son Co Transit	Maintenance/ Rehabilitation	SON150012	Sonoma County Transit: Replacement CNG Buses						\$912,200
Transit	Sonoma	Son Co Transit	Maintenance/ Rehabilitation	SON150013	Sonoma County Transit: Replace 2006 CNG Buses						\$2,520,836
Transit	Sonoma	Son Co Transit	Maintenance/ Rehabilitation	SON170006	Sonoma County Transit: Replace 2009 CNG Buses						\$2,212,343
Transit	Sonoma	Son Co Transit	Operations	SON190007	Sonoma Co Transit: COVID-19 Emergency Transit Ops	\$2,758,113				\$2,758,113	\$5,772,595
<b>Transit Total</b>						<b>\$977,778,790</b>	<b>\$303,022,854</b>	<b>\$2,797,055,820</b>	<b>\$756,828,114</b>	<b>\$4,834,685,578</b>	<b>\$34,417,829,292</b>
<b>Bay Area Total</b>						<b>\$2,382,103,416</b>	<b>\$1,793,835,589</b>	<b>\$4,365,485,041</b>	<b>\$1,741,349,387</b>	<b>\$10,282,773,433</b>	<b>\$58,179,819,163</b>

# APPENDIX A – 56

## *2021 TIP Detail*

### Single Occupancy Vehicle (SOV) Project Listing



**Projects in the 2021 TIP that Increase Single Occupancy Vehicle (SOV) Capacity**

<b>Sponsor</b>	<b>Project Name</b>	<b>TIP ID</b>	<b>Total Project Cost</b>	<b>TIP Funding (2021-2024)</b>
ACTC	East-West Connector in Fremont & Union City	ALA978004	\$ 236,000,000	\$ -
ACTC	I-580/680 Interchange HOV/HOT Widening	ALA170008	\$ 300,000,000	\$ -
ACTC	I-680 Express Lane Gap Closure: SR-84 to Alcosta	ALA170009	\$ 480,000,000	\$ 2,000,000
ACTC	I-680 NB HOV/HOT Lane	ALA130034	\$ 198,198,000	\$ -
ACTC	I-880 NB HOV/HOT: North of Hacienda to Hegenberger	ALA170010	\$ 221,000,000	\$ 3,500,000
ACTC	I-880 North Safety Improvements	ALA050019	\$ 108,630,000	\$ -
ACTC	I-880/Whipple Rd Industrial Pkwy SW Interchange Improvements	ALA170005	\$ 80,000,000	\$ 45,175,000
ACTC	Oakland/Alameda Access Improvements	ALA070009	\$ 83,000,000	\$ 1,000,000
ACTC	SR-84 Widening, South of Ruby Hill Dr to I-680	ALA150001	\$ 244,100,000	\$200,594,000
ACTC	SR-84 Expressway Widening	ALA050014	\$ 120,319,000	\$ -
BAIFA	ALA-880 Express Lanes	ALA170006	\$ 132,500,000	\$ -
Dublin	Dougherty Road Widening	ALA130005	\$ 18,990,000	\$ -
Dublin	Dublin Blvd. - North Canyons Parkway Extension	ALA150003	\$ 88,252,940	\$ 100,000
Dublin	Dublin Boulevard Widening	ALA130006	\$ 4,330,000	\$ -
Dublin	I-580 Interchange Imps at Hacienda/Fallon Rd, Ph 2	ALA170045	\$ 58,000,000	\$ 700,000
Fremont	SR-262 (Mission Blvd) Improvements	ALA170001	\$ 112,000,000	\$ 1,000,000
Hayward	I-880 Auxiliary lanes at Industrial Parkway	ALA090020	\$ 9,800,000	\$ -
Hayward	I-880/A Street Interchange Reconstruction	ALA170046	\$ 54,000,000	\$ 500,000
Hayward	I-880/Industrial Parkway West Interchange	ALA110002	\$ 57,000,000	\$ 29,325,000
Hayward	I-880/West Winton Avenue Interchange	ALA170004	\$ 41,000,000	\$ 2,000,000
Hayward	Rt 92/Clawiter/Whitesell Interchange Improvements	ALA090016	\$ 55,000,000	\$ -
Oakland	42nd Ave. & High St. I-880 Access Improvements	ALA991081	\$ 17,790,000	\$ -
Oakland	Oakland Army Base Infrastructure Improvements	ALA110046	\$ 300,580,000	\$ -
San Leandro	SR-185/E. 14th St/ Hesperian Blvd/150th Ave Improvements	ALA050002	\$ 7,232,270	\$ 3,481,522
Antioch	Laurel Road Extension	CC-070008	\$ 10,950,000	\$ -
Antioch	Slatten Ranch Road Extension Phase I	CC-070009	\$ 3,950,000	\$ -
BAIFA	CC-680 Northern Segment Express Lane - Southbound	CC-170002	\$ 53,598,000	\$ -
Brentwood	Brentwood Boulevard Widening - North (Phase I)	CC-070011	\$ 6,700,000	\$ -
Brentwood	Brentwood Boulevard Widening - North (Phase II)	CC-170015	\$ 9,500,000	\$ -
CC County	Byron Highway - Vasco Road Connection	CC-070081	\$ 40,000,000	\$ -
CCTA	I-680 NB Express Lane Completion	CC-170017	\$ 390,000,000	\$ 4,000,000
CCTA	I-680/SR-4 Interchange Reconstruction - Ph 1 & 2A	CC-010023	\$ 236,000,000	\$ -
CCTA	Reconstruct I-80/San Pablo Dam Rd Interchange	CC-070035	\$ 118,928,000	\$ 9,200,000
CCTA	SR-239 - New State Highway Study	CC-110066	\$ 25,941,010	\$ -
Concord	SR-242 / Clayton Road Interchange Improvements	CC-070024	\$ 66,000,000	\$ -
Richmond	I-80/Central Avenue Interchange - Local Portion	CC-050076	\$ 14,593,000	\$ 12,093,000
San Ramon	Crow Canyon Road (Alcosta to Indian Rice) Widening	CC-190001	\$ 20,075,000	\$ -
Marin County	Mountain View Rd Bridge Replacement - 27C0154	MRN110035	\$ 2,809,552	\$ 2,233,000
MTC	Richmond-San Rafael Bridge Access Improvements	MRN150009	\$ 89,284,000	\$ -
Novato	Novato Boulevard Widening, Diablo to Grant	MRN070006	\$ 10,063,085	\$ -
San Anselmo	San Anselmo - Center Blvd Bridge Replace (27C0079)	MRN110032	\$ 6,203,000	\$ 5,333,800
American Canyon	Devlin Road and Vine Trail Extension	NAP130006	\$ 7,568,000	\$ 4,151,000
American Canyon	Eucalyptus Drive Realignment Complete Streets	NAP110029	\$ 6,189,000	\$ 826,400
BAIFA	ALA/CC I-80 and Bay Bridge Approach Express Lanes	VAR170003	\$ 98,300,000	\$ -
BAIFA	Regional Express Lane Network	REG130004	\$ 78,011,000	\$ -
MTC	Bay Bridge Forward-Sterling/Bryant St Managed Lane	SF-170003	\$ 7,633,000	\$ -
Port of SF	Pier 70 19th Street & Illinois Street Sidewalk	SF-130021	\$ 2,825,000	\$ -
SF County TA	HOV/HOT Lanes on US-101 and I-280 in SF	SF-130008	\$ 42,900,000	\$ -
SF DPW	Harney Way Roadway Widening	SF-090004	\$ 27,500,000	\$ -
SF DPW	HOPE SF Street Network - Sunnydale and Potrero	SF-170013	\$ 34,000,000	\$ -
SF DPW	Hunters Pt Shipyard and Candlestick Pt Local Roads	SF-110006	\$ 421,100,000	\$ -
CCAG	Improve US 101 Operations near SR-92	SM-090014	\$ 27,269,000	\$ 3,217,000
CCAG	US-101 Managed Lanes North of I-380	SM-190009	\$ 142,177,000	\$ 14,177,000
CCAG	US101 Managed Lanes: Santa Clara County-South of Grand Ave	SM-150017	\$ 514,829,699	\$ 17,500,000
Half Moon Bay	SR-1 Improvements in Half Moon Bay	SM-090015	\$ 10,150,000	\$ 6,400,000
Millbrae	Widen Millbrae Avenue	SM-210001	\$ 11,550,000	\$ 550,000
Redwood City	Blomquist Street Extension	SM-090007	\$ 22,400,000	\$ 1,600,000
Redwood City	US-101/Woodside Interchange Improvements	SM-050027	\$ 171,000,000	\$ 28,000,000
San Carlos	Brittan Ave. Widening	SM-190001	\$ 4,950,000	\$ -
San Mateo	US-101/Peninsula Avenue Interchange Improvements	SM-170011	\$ 117,700,000	\$ -
San Mateo Co	SR-1 Congestion & Safety Improvements	SM-170001	\$ 7,200,000	\$ 850,000
SMCTA	US-101 Auxiliary Lanes from Sierra Point to SF County Line	SM-090009	\$ 74,800,000	\$ -
SSF	US-101/Produce Avenue New Interchange	SM-110003	\$ 136,490,000	\$ 6,300,000
Campbell	SR-17 Southbound/Hamilton Ave. Off-Ramp Widening	SCL210003	\$ 1,507,000	\$ 507,000

**Projects in the 2021 TIP that Increase Single Occupancy Vehicle (SOV) Capacity**

<b>Sponsor</b>	<b>Project Name</b>	<b>TIP ID</b>	<b>Total Project Cost</b>	<b>TIP Funding (2021-2024)</b>
San Jose	San Jose - Autumn Street Extension	SCL110006	\$ 17,300,000	\$ -
San Jose	US-101/Blossom Hill Interchange Improvements	SCL030006	\$ 24,414,000	\$ -
San Jose	US-101/Old Oakland Road Interchange Improvements	SCL190001	\$ 25,000,000	\$ 3,000,000
Santa Clara Co	Montague Expressway Widening - Trade Zone-Great Mall	SCL090017	\$ 19,000,000	\$ 9,000,000
VTA	US-101/Buena Vista Avenue Interchange Improvements	SCL190010	\$ 34,000,000	\$ 11,000,000
VTA	Calaveras Boulevard Widening	SCL190009	\$ 85,000,000	\$ 79,000,000
VTA	Double Lane Southbound US-101 Off-Ramp to SB SR-87	SCL190006	\$ 3,000,000	\$ -
VTA	I-280/Foothill Expressway Off Ramp Improvements	SCL190002	\$ 5,500,000	\$ -
VTA	Santa Clara County - US-101 Express Lanes	SCL110002	\$ 466,045,000	\$ 7,961,000
VTA	SR-152 New Alignment	SCL090016	\$ 30,000,000	\$ -
VTA	SR-237 WB Auxiliary Lane fr McCarthy to North 1st	SCL190005	\$ 52,000,000	\$ 48,500,000
VTA	SR-237/US-101/Mathilda Interchange Modifications	SCL130001	\$ 47,000,000	\$ 2,200,000
VTA	SR-85 Express Lanes	SCL090030	\$ 187,500,000	\$ 2,300,000
VTA	US-101/De L Cruz Blvd - Trimble Road Interchange Improvement	SCL190008	\$ 53,000,000	\$ 28,000,000
VTA	US-101/SR-152/10th Ramp and Intersection Improvements	SCL210002	\$ 10,800,000	\$ 4,500,000
VTA	US-101/Zanker Road-Skyport Drive-N. Fourth St. Improvements	SCL190007	\$ 161,000,000	\$153,900,000
Dixon	Parkway Blvd/UPRR Grade Separation	SOL050009	\$ 15,839,000	\$ -
MTC	Solano I-80 Managed Lanes	SOL110001	\$ 262,100,000	\$ 34,000,000
Solano County	Redwood-Fairgrounds Dr Interchange Improvements	SOL090015	\$ 96,476,235	\$ 5,000,000
STA	I-80/I-680/SR 12 Interchange Improvements	SOL070020	\$ 661,017,000	\$ -
STA	I-80/I-680/SR 12 Interchange Improvements Phase 2A	SOL190024	\$ 92,700,000	\$ 77,000,000
STA	Jepson: Leisure Town Road from Vanden to Commerce	SOL110005	\$ 28,202,114	\$ -
STA	Jepson: Leisure Town Road Phase 1B and 1C	SOL110006	\$ 21,852,842	\$ 15,574,000
STA	Jepson: Walters Rd Ext - Peabody Rd Widening	SOL110004	\$ 13,431,000	\$ -

# APPENDIX A – 57

## *2021 TIP Detail*

### Fiscal Constraint for the 2021 TIP





**TABLE 1: REVENUE**

**Metropolitan Transportation Commission**

**2021 TIP**

(\$'s in 1,000)

Funding Source/Program		NOTES	4 YEAR (FTIP Period)				
			FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LOCAL	<b>Sales Tax</b>		\$1,019,273	\$1,046,503	\$1,074,549	\$1,103,347	\$4,243,673
	City						
	County		\$1,019,273	\$1,046,503	\$1,074,549	\$1,103,347	\$4,243,673
	<b>Gas Tax</b>		\$571,419	\$588,561	\$606,218	\$624,405	\$2,390,603
	Gas Tax (Subventions to Cities)		\$309,909	\$319,206	\$328,782	\$338,646	\$1,296,542
	Gas Tax (Subventions to Counties)		\$261,510	\$269,355	\$277,436	\$285,759	\$1,094,061
	<b>Other Local Funds</b>						
	County General Funds						
	City General Funds						
	Street Taxes and Developer Fees						
	RSTP Exchange funds						
<b>Transit</b>			\$118,245	\$635,993	\$1,154,060	\$1,202,188	\$3,110,485
Transit Fares			\$118,245	\$635,993	\$1,154,060	\$1,202,188	\$3,110,485
Other (See Appendix 1)			\$2,314,629	\$2,590,256	\$2,673,499	\$2,765,362	\$10,343,746
<b>Local Total</b>			<b>\$4,023,566</b>	<b>\$4,861,313</b>	<b>\$5,508,326</b>	<b>\$5,695,302</b>	<b>\$20,088,507</b>
REGIONAL	<b>Tolls</b>		\$648,161	\$723,797	\$727,416	\$731,053	\$2,830,427
	Bridge		\$648,161	\$723,797	\$727,416	\$731,053	\$2,830,427
	Corridor						
	Regional Sales Tax						
	Other (See Appendix 2)		\$55,259	\$56,457	\$57,691	\$58,962	\$228,369
<b>Regional Total</b>			<b>\$703,420</b>	<b>\$780,254</b>	<b>\$785,107</b>	<b>\$790,015</b>	<b>\$3,058,796</b>
STATE	<b>State Highway Operation and Protection Program (SHOPP) <sup>1</sup></b>		\$375,130	\$722,414	\$506,266	\$681,871	\$2,285,681
	SHOPP		\$348,411	\$722,414	\$506,266	\$681,871	\$2,258,962
	SHOPP Prior						
	State Minor Program		\$26,719				\$26,719
	<b>State Transportation Improvement Program (STIP) <sup>1</sup></b>		\$122,207	\$162,587	\$19,715	\$13,973	\$318,482
	STIP		\$122,207	\$162,587	\$19,715	\$13,973	\$318,482
	STIP Prior						
	<b>State Bond</b>			\$6,235	\$6,274		\$12,509
	Proposition 1A (High Speed Passenger Train Bond Program)						
	Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)			\$6,235	\$6,274		\$12,509
	Active Transportation Program (ATP) <sup>1</sup>		\$69,409	\$20,545	\$18,671	\$10,290	\$118,915
	Highway Maintenance (HM) Program <sup>1</sup>						
	Highway Bridge Program (HBP) <sup>1</sup>		\$50,384	\$38,002	\$503,612	\$13,894	\$605,892
	Road Repair and Accountability Act of 2017 (SB1)		\$37,097	\$67,071	\$6,057	\$215,450	\$325,675
	Traffic Congestion Relief Program (TCRP)						
State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)							
Other (See Appendix 3)		\$36,102	\$21,200	\$82,200	\$561,200	\$700,702	
<b>State Total</b>			<b>\$690,329</b>	<b>\$1,038,053</b>	<b>\$1,142,796</b>	<b>\$1,496,678</b>	<b>\$4,367,856</b>
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants		\$754,085	\$249,155	\$254,138	\$259,220	\$1,516,598
	5309 - Fixed Guideway Capital Investment Grants						
	5309b - New and Small Starts (Capital Investment Grants)		\$100,000	\$74,043			\$174,043
	5309c - Bus and Bus Related Grants						
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities		\$5,218	\$5,218	\$5,218	\$5,218	\$20,872
	5311 - Formula Grants for Rural Areas		\$5,223	\$1,823	\$1,878	\$1,934	\$10,858
	5311f - Intercity Bus						
	5337 - State of Good Repair Grants		\$274,066	\$225,719	\$230,233	\$234,838	\$964,856
	5339 - Bus and Bus Facilities Formula Grants		\$16,603	\$16,935	\$17,274	\$17,619	\$68,431
	FTA Transfer from Prior FTIP						
	Other (See Appendix 4)		\$2,000				\$2,000
	<b>Federal Transit Total</b>			<b>\$1,157,195</b>	<b>\$572,893</b>	<b>\$508,741</b>	<b>\$518,829</b>
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program		\$71,576	\$71,988	\$71,965	\$71,941	\$287,470
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)			\$8,032			\$8,032
	Coordinated Border Infrastructure Program						
	Federal Lands Access Program						
	Federal Lands Transportation Program						
	GARVEE Bonds Debt Service Payments						
	Highway Infrastructure Program (HIP)		\$7,682				\$7,682
	High Priority Projects (HPP) and Demo		\$1,937				\$1,937
	Highway Safety Improvement Program (HSIP)		\$11,951	\$17,730			\$29,681
	National Highway Freight Program (NHFP)						
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)						
	Railway-Highway Crossings Program		\$3,375				\$3,375
	Recreational Trails Program						
	SAFETEA-LU Safe Routes to School (SRTS)						
Surface Transportation Block Grant Program (STBGP/RSTP)		\$101,621	\$102,267	\$102,239	\$102,210	\$408,336	
Other (see Appendix 5)		\$11,501	\$2,541	\$2,447		\$16,489	
<b>Federal Highway Total</b>			<b>\$209,643</b>	<b>\$202,558</b>	<b>\$176,650</b>	<b>\$174,151</b>	<b>\$763,003</b>
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix 6)						
	<b>Federal Railroad Administration Total</b>						
<b>Federal Total</b>			<b>\$1,366,839</b>	<b>\$775,451</b>	<b>\$685,391</b>	<b>\$692,980</b>	<b>\$3,520,661</b>
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)						
	Other (See Appendix 7)						
	<b>Innovative Financing Total</b>						
<b>REVENUE TOTAL</b>			<b>\$6,784,153</b>	<b>\$7,455,072</b>	<b>\$8,121,620</b>	<b>\$8,674,975</b>	<b>\$31,035,821</b>

**Financial Summary Notes:**

<sup>1</sup> State Programs that include both state and federal funds.

**TABLE 1: REVENUE - APPENDICES**

**Metropolitan Transportation Commission  
2021 TIP  
(\$'s in 1,000)**

**Appendix 1 - Local Other**

Local Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
Local Streets and Roads	\$582,646	\$600,126	\$618,129	\$636,673	\$2,437,575
Transportation Development Act (TDA)	\$419,961	\$430,078	\$440,400	\$450,969	\$1,741,408
Transit Non-Fare Revenues	\$493,675	\$566,287	\$582,483	\$599,142	\$2,241,586
TFCA/AB 434 (Local Funds)	\$10,214	\$10,214	\$10,214	\$10,214	\$40,856
Existing County-wide Vehicle Registration Fee (\$10)	\$43,707	\$43,707	\$43,707	\$43,707	\$174,828
SFMTA General Fund,SFMTA Parking Revenues,Proppty	\$764,427	\$939,844	\$978,566	\$1,024,656	\$3,707,493
<b>Local Other Total</b>	<b>\$2,314,629</b>	<b>\$2,590,256</b>	<b>\$2,673,499</b>	<b>\$2,765,362</b>	<b>\$10,343,746</b>

**Appendix 2 - Regional Other**

Regional Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
TFCA/AB 434 (Regional Funds)	\$15,321	\$15,321	\$15,321	\$15,321	\$61,284
SMART Sales Tax	\$39,938	\$41,136	\$42,370	\$43,641	\$167,085
<b>Regional Other Total</b>	<b>\$55,259</b>	<b>\$56,457</b>	<b>\$57,691</b>	<b>\$58,962</b>	<b>\$228,369</b>

**Appendix 3 - State Other**

State Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
AHSC	\$1,554				\$1,554
CARB	\$2,148				\$2,148
LCTOP	\$6,635				\$6,635
SHA	\$21,200	\$21,200	\$21,200	\$21,200	\$84,800
TIRCP			\$60,000	\$540,000	\$600,000
Coastal Conservancy			\$1,000		\$1,000
CA Natural Resource Agency Urban Greening Grant	\$4,565				\$4,565
<b>State Other Total</b>	<b>\$36,102</b>	<b>\$21,200</b>	<b>\$82,200</b>	<b>\$561,200</b>	<b>\$700,702</b>

**Appendix 4 - Federal Transit Other**

Federal Transit Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
TOD Planning	\$2,000				\$2,000
<b>Federal Transit Other Total</b>	<b>\$2,000</b>				<b>\$2,000</b>

**Appendix 5 - Federal Highway Other**

Federal Highway Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
EPA SF Bay Water Quality Improvement	\$714				\$714
Automated Driving System Demonstration Grant	\$2,624	\$2,429	\$2,447		\$7,500
ATCMTD	\$8,000				\$8,000
Repurposed Earmarks	\$164	\$112			\$275
<b>Federal Highway Other Total</b>	<b>\$11,501</b>	<b>\$2,541</b>	<b>\$2,447</b>		<b>\$16,489</b>

**Appendix 6 - Federal Railroad Administration Other**

Federal Railroad Administration Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
<b>Federal Railroad Administration Other Total</b>					

**Appendix 7 - Innovative Other**

Innovative Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
<b>Innovative Other Total</b>					

**TABLE 2: PROGRAMMED**

**Metropolitan Transportation Commission  
2021 TIP  
(\$'s in 1,000)**

Funding Source/Program		NOTES	4 YEAR (FTIP Period)				
			FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LOCAL	<b>Local Total</b>		<b>\$793,966</b>	<b>\$484,130</b>	<b>\$3,129,401</b>	<b>\$200,962</b>	<b>\$4,608,458</b>
REGIONAL	<b>Tolls</b>		\$78,343	\$64,100	\$62,000	\$54,000	\$258,443
	<i>Bridge</i>		\$78,343	\$64,100	\$62,000	\$54,000	\$258,443
	<i>Corridor</i>						
	Regional Sales Tax						
	Other (See Appendix A)		\$441				\$441
	<b>Regional Total</b>		<b>\$78,784</b>	<b>\$64,100</b>	<b>\$62,000</b>	<b>\$54,000</b>	<b>\$258,884</b>
STATE	<b>State Highway Operation and Protection Program (SHOPP)</b> <sup>1</sup>		\$375,130	\$722,414	\$506,266	\$681,871	\$2,285,681
	<i>SHOPP</i>		\$348,411	\$722,414	\$506,266	\$681,871	\$2,258,962
	<i>SHOPP Prior</i>						
	<i>State Minor Program</i>		\$26,719				\$26,719
	<b>State Transportation Improvement Program (STIP)</b> <sup>1</sup>		\$122,207	\$162,587	\$19,715	\$13,973	\$318,482
	<i>STIP</i>		\$122,207	\$162,587	\$19,715	\$13,973	\$318,482
	<i>STIP Prior</i>						
	<b>State Bond</b>			\$6,235	\$6,274		\$12,509
	<i>Proposition 1A (High Speed Passenger Train Bond Program)</i>						
	<i>Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)</i>			\$6,235	\$6,274		\$12,509
	Active Transportation Program (ATP) <sup>1</sup>		\$69,409	\$20,545	\$12,926		\$102,880
	Highway Maintenance (HM) Program <sup>1</sup>						
	Highway Bridge Program (HBP) <sup>1</sup>		\$50,384	\$38,002	\$503,612	\$13,894	\$605,892
	Road Repair and Accountability Act of 2017 (SB1)		\$37,097	\$67,071	\$6,057	\$215,450	\$325,675
	Traffic Congestion Relief Program (TCRP)						
State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)							
Other (See Appendix B)		\$36,102	\$21,200	\$82,200	\$561,200	\$700,702	
	<b>State Total</b>		<b>\$690,329</b>	<b>\$1,038,053</b>	<b>\$1,137,051</b>	<b>\$1,486,388</b>	<b>\$4,351,821</b>
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants		\$509,816				\$509,816
	5309 - Fixed Guideway Capital Investment Grants						
	5309b - New and Small Starts (Capital Investment Grants)		\$100,000	\$74,043			\$174,043
	5309c - Bus and Bus Related Grants						
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities						
	5311 - Formula Grants for Rural Areas		\$3,453				\$3,453
	5311f - Intercity Bus						
	5337 - State of Good Repair Grants		\$52,773				\$52,773
	5339 - Bus and Bus Facilities Formula Grants						
	FTA Transfer from Prior FTIP						
	Other (See Appendix C)		\$2,000				\$2,000
	<b>Federal Transit Total</b>		<b>\$668,042</b>	<b>\$74,043</b>			<b>\$742,086</b>
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program		\$30,671	\$41,871	\$27,090		\$99,632
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)			\$8,032			\$8,032
	Coordinated Border Infrastructure Program						
	Federal Lands Access Program						
	Federal Lands Transportation Program						
	GARVEE Bonds Debt Service Payments						
	Highway Infrastructure Program (HIP)		\$7,682				\$7,682
	High Priority Projects (HPP) and Demo		\$1,937				\$1,937
	Highway Safety Improvement Program (HSIP)		\$11,951	\$17,730			\$29,681
	National Highway Freight Program (NHFP)						
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)						
	Railway-Highway Crossings Program		\$3,375				\$3,375
	Recreational Trails Program						
	SAFETEA-LU Safe Routes to School (SRTS)						
Surface Transportation Block Grant Program (STBGP/RSTP)		\$83,864	\$63,334	\$7,497		\$154,695	
Other (see Appendix D)		\$11,501	\$2,541	\$2,447		\$16,489	
	<b>Federal Highway Total</b>		<b>\$150,982</b>	<b>\$133,509</b>	<b>\$37,034</b>		<b>\$321,524</b>
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix E)						
	<b>Federal Railroad Administration Total</b>						
	<b>Federal Total</b>		<b>\$819,024</b>	<b>\$207,552</b>	<b>\$37,034</b>		<b>\$1,063,610</b>
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)						
	Other (See Appendix F)						
	<b>Innovative Financing Total</b>						
<b>PROGRAMMED TOTAL</b>			<b>\$2,382,103</b>	<b>\$1,793,836</b>	<b>\$4,365,485</b>	<b>\$1,741,349</b>	<b>\$10,282,773</b>

**Financial Summary Notes:**

<sup>1</sup> State Programs that include both state and federal funds.

## TABLE 2: PROGRAMMED - APPENDICES

Metropolitan Transportation Commission  
2021 TIP  
(\$'s in 1,000)

### Appendix A - Regional Other

Regional Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
TFCA	\$441				\$441
<b>Regional Other Total</b>	<b>\$441</b>				<b>\$441</b>

### Appendix B - State Other

State Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
AHSC	\$1,554				\$1,554
CARB	\$2,148				\$2,148
LCTOP	\$6,635				\$6,635
SHA	\$21,200	\$21,200	\$21,200	\$21,200	\$84,800
TIRCP			\$60,000	\$540,000	\$600,000
Coastal Conservancy			\$1,000		\$1,000
CA Natural Resource Agency Urban Greening Grant	\$4,565				\$4,565
<b>State Other Total</b>	<b>\$36,102</b>	<b>\$21,200</b>	<b>\$82,200</b>	<b>\$561,200</b>	<b>\$700,702</b>

### Appendix C - Federal Transit Other

Federal Transit Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
TOD Planning	\$2,000				\$2,000
<b>Federal Transit Other Total</b>	<b>\$2,000</b>				<b>\$2,000</b>

### Appendix D - Federal Highway Other

Federal Highway Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
EPA SF Bay Water Quality Improvement	\$714				\$714
Automated Driving System Demonstration Grant	\$2,624	\$2,429	\$2,447		\$7,500
ATCMTD	\$8,000				\$8,000
Repurposed Earmarks	\$164	\$112			\$275
<b>Federal Highway Other Total</b>	<b>\$11,501</b>	<b>\$2,541</b>	<b>\$2,447</b>		<b>\$16,489</b>

### Appendix E - Federal Railroad Administration Other

Federal Railroad Administration Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
<b>Federal Railroad Administration Other Total</b>					

### Appendix F - Innovative Finance Other

Innovative Other	4 YEAR (FTIP Period)				CURRENT TOTAL
	FY 2021	FY 2022	FY 2023	FY 2024	
<b>Innovative Other Total</b>					

**TABLE 3: REVENUE-PROGRAMMED**

**Metropolitan Transportation Commission**  
**2021 TIP**  
 (\$'s in 1,000)

Funding Source/Program		4 YEAR (FTIP Period)				
		FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
LOCAL	<b>Local Total</b>	<b>\$3,229,600</b>	<b>\$4,377,183</b>	<b>\$2,378,926</b>	<b>\$5,494,340</b>	<b>\$15,480,049</b>
	<b>Tolls</b>	\$569,818	\$659,697	\$665,416	\$677,053	\$2,571,984
REGIONAL	<i>Bridge</i>	\$569,818	\$659,697	\$665,416	\$677,053	\$2,571,984
	<i>Corridor</i>					
	Regional Sales Tax					
	Other	\$54,818	\$56,457	\$57,691	\$58,962	\$227,928
	<b>Regional Total</b>	<b>\$624,636</b>	<b>\$716,154</b>	<b>\$723,107</b>	<b>\$736,015</b>	<b>\$2,799,912</b>
STATE	<b>State Highway Operation and Protection Program (SHOPP) <sup>1</sup></b>					
	<i>SHOPP</i>					
	<i>SHOPP Prior</i>					
	<i>State Minor Program</i>					
	<b>State Transportation Improvement Program (STIP) <sup>1</sup></b>					
	<i>STIP</i>					
	<i>STIP Prior</i>					
	<b>State Bond</b>					
	<i>Proposition 1A (High Speed Passenger Train Bond Program)</i>					
	<i>Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)</i>					
	Active Transportation Program (ATP) <sup>1</sup>			\$5,745	\$10,290	\$16,035
	Highway Maintenance (HM) Program <sup>1</sup>					
	Highway Bridge Program (HBP) <sup>1</sup>					
	Road Repair and Accountability Act of 2017 (SB1)					
	Traffic Congestion Relief Program (TCRP)					
State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)						
Other						
<b>State Total</b>			<b>\$5,745</b>	<b>\$10,290</b>	<b>\$16,035</b>	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants	\$244,269	\$249,155	\$254,138	\$259,220	\$1,006,782
	5309 - Fixed Guideway Capital Investment Grants					
	5309b - New and Small Starts (Capital Investment Grants)					
	5309c - Bus and Bus Related Grants					
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities	\$5,218	\$5,218	\$5,218	\$5,218	\$20,872
	5311 - Formula Grants for Rural Areas	\$1,770	\$1,823	\$1,878	\$1,934	\$7,405
	5311f - Intercity Bus					
	5337 - State of Good Repair Grants	\$221,293	\$225,719	\$230,233	\$234,838	\$912,083
	5339 - Bus and Bus Facilities Formula Grants	\$16,603	\$16,935	\$17,274	\$17,619	\$68,431
	FTA Transfer from Prior FTIP					
	Other					
<b>Federal Transit Total</b>	<b>\$489,153</b>	<b>\$498,850</b>	<b>\$508,741</b>	<b>\$518,829</b>	<b>\$2,015,573</b>	
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$40,905	\$30,116	\$44,875	\$71,941	\$187,838
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)					
	Coordinated Border Infrastructure Program					
	Federal Lands Access Program					
	Federal Lands Transportation Program					
	GARVEE Bonds Debt Service Payments					
	Highway Infrastructure Program (HIP)					
	High Priority Projects (HPP) and Demo					
	Highway Safety Improvement Program (HSIP)					
	National Highway Freight Program (NHFP)					
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)					
	Railway-Highway Crossings Program					
	Recreational Trails Program					
	SAFETEA-LU Safe Routes to School (SRTS)					
	Surface Transportation Block Grant Program (STBGP/RSTP)	\$17,756	\$38,933	\$94,742	\$102,210	\$253,641
Other						
<b>Federal Highway Total</b>	<b>\$58,662</b>	<b>\$69,049</b>	<b>\$139,616</b>	<b>\$174,151</b>	<b>\$441,479</b>	
FEDERAL RAIL	Other Federal Railroad Administration					
	<b>Federal Railroad Administration Total</b>					
	<b>Federal Total</b>	<b>\$547,815</b>	<b>\$567,899</b>	<b>\$648,357</b>	<b>\$692,980</b>	<b>\$2,457,052</b>
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)					
	Other					
	<b>Innovative Financing Total</b>					
<b>REVENUE - PROGRAMMED TOTAL</b>		<b>\$4,402,050</b>	<b>\$5,661,236</b>	<b>\$3,756,135</b>	<b>\$6,933,626</b>	<b>\$20,753,047</b>

# **APPENDIX A – 58**

## ***2021 TIP Detail***

### **Public Notifications and Hearings**



# **Table of Contents for Appendix A-58 Public Notifications**

ABAG CEQA Environmental Review Log .....Attachment A

Postcard announcing availability of the  
Draft 2021 TIP ..... Attachment B

November 9, 2020 Notice of Availability of  
Draft 2021 TIP (English, Chinese, Spanish) ..... Attachment C

**The ABAG CEQA\*  
Environmental Review Log  
will be available in the  
Final 2021 TIP**

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ABAG = Association of Bay Area Governments  
CEQA = California Environmental Quality Act



## **Draft 2021 Transportation Improvement Program (TIP) & Draft Air Quality Conformity Analysis**



***Deadline for comments is December 14, 2020***

***Released for  
Public Review***

The Transportation Improvement Program or TIP lists public mass transit, highway, local road, bicycle and pedestrian projects that are proposed to receive federal funds or are subject to a federally required action or are regionally significant.



Metropolitan  
Transportation  
Commission



## Comment on the Draft 2021 TIP & Draft Transportation-Air Quality Conformity Analysis for the Amended Plan and 2021 TIP

- Online at <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>. For more information, call MTC's Public Information Office at 415-778-6757, or visit the above link.
- Copies will be sent to major public libraries throughout the Bay Area upon request. For more information, call MTC's Public Information Office at 415-778-6757, or visit the link above.

Interested parties are invited to comment on these documents during MTC's December 2020 Programming & Allocations Committee, currently scheduled for Wednesday, December 9, 2020, 9:45 a.m., or immediately following MTC's Administration Committee meeting, whichever occurs later. In accordance with Executive Order N-29-20 issued by Governor Newsom on March 17, 2020, the public meeting will be conducted via webcast, teleconference, and Zoom for all participants. The meeting Zoom link and accessibility instructions will be posted to: <https://mtc.ca.gov/whats-happening/meetings> no less than 72 hours prior to the public meeting.

**The deadline for written comments is 5:00 p.m. on Monday, December 14, 2020.** Submit comments to MTC's Public Information Office via e-mail to [info@bayareametro.gov](mailto:info@bayareametro.gov) or via USPS at 375 Beale Street, Suite 800, San Francisco, CA 94105. Comments should include "*Draft 2021 TIP Update*" in the subject line.

This notice also serves to satisfy the public involvement requirements of the Federal Transit Administration (FTA) annual Program of Projects for applicable funds.

MTC's Programming and Allocations Committee is scheduled to consider public comments received by the end of the comment period at its February 10, 2021, meeting. MTC is expected to approve the final transportation-air quality conformity analysis and the 2021 TIP during its Commission meeting on February 24, 2021.

### Accessible Meetings

Do you need an interpreter or any other assistance to participate? Please call 415.778.6757.

¿Necesita un intérprete u otra asistencia para participar? Por favor llámenos con tres días de anticipación al 415.778.6757.

您是否需要翻譯員或任何其他幫助才能參加呢？請提前三天致電415.778.6757.

Bay Area Metro Center  
375 Beale Street, Suite 800  
San Francisco, CA 94105

TEL: 415.778.6700

EMAIL: [info@bayareametro.gov](mailto:info@bayareametro.gov)

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**Metropolitan Transportation Commission  
Notice of Availability**

Interested persons are invited by the Metropolitan Transportation Commission (MTC) to comment on the following draft transportation programming documents:

- 1) Draft 2021 Transportation Improvement Program (TIP):** This is the region's transportation programming document that contains surface transportation projects including, but not limited to, public mass transit, highway, local road, bicycle and pedestrian projects proposed for funding based on anticipated available federal, state and local funding over the next four years that will receive federal funds or are subject to a federally required action or are regionally significant. Federal regulations require the TIP to be updated every four years. However, Caltrans requires all Metropolitan Planning Organizations (MPOs) to update their TIPs more often. The Draft 2021 TIP was developed to be consistent with MTC's *Amended Plan Bay Area 2040*, the 24-year plan for transportation projects in the nine-county San Francisco Bay Area.
  
- 2) Draft Transportation-Air Quality Conformity Analysis for the Amended Plan Bay Area 2040 and the 2021 TIP:** MTC is also preparing a new transportation-air quality conformity analysis for the *Amended Plan Bay Area 2040* and the 2021 TIP. The Draft 2021 TIP only includes projects consistent with the *Amended Plan Bay Area 2040*. These projects have been modeled in the appropriate analysis year using the latest planning assumptions.

The Draft 2021 TIP, which includes the financial constraint analysis, and the Draft Transportation-Air Quality Conformity Analysis is available for public review starting November 9, 2020. The documents will be posted on the MTC web site at <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>.

Interested persons are invited to comment on these documents during MTC's December Programming & Allocations Committee meeting. The public meeting is currently scheduled for: **Wednesday, December 9, 2020, 9:45 a.m.**, or immediately following MTC's Administration Committee meeting, whichever occurs later, (Remotely). In light of Governor Newsom's State of Emergency declaration regarding the COVID-19 outbreak and in accordance with Executive Order N-29-20 issued by Governor Newsom on March 17, 2020 and the Guidance for Gatherings issued by the California Department of Public Health, the public meeting will be conducted via webcast, teleconference, and Zoom for all participants. Detailed instructions on participating via Zoom are available at: <https://mtc.ca.gov/how-provide-public-comment-board-meeting-zoom>. The meeting Zoom link and accessibility instructions will be posted to: <https://mtc.ca.gov/whats-happening/meetings> no less than 72 hours prior to the public meeting.

Written comments will be accepted until 5 p.m. on Monday, December 14, 2020. Written comments

should be identified with “2021 TIP Update” in the subject line and may be submitted to MTC’s Public Information Office via e-mail to [info@bayareametro.gov](mailto:info@bayareametro.gov) or via USPS at:

Metropolitan Transportation Commission  
Bay Area Metro Center  
375 Beale Street, Suite 800  
San Francisco, CA 94105

For more information, call MTC’s Public Information Office at 415-778-6757.

This notice also serves to satisfy the public involvement requirements of the Federal Transit Administration (FTA) annual Program of Projects, for applicable funds.

MTC’s Programming and Allocations Committee is scheduled to consider public comments received by the end of the comment period at its February 10, 2021, meeting. MTC is expected to approve the final transportation-air quality conformity analysis and the 2021 TIP during it’s the Commission meeting on Wednesday, February 24, 2021.

Do you need an interpreter or any other assistance to participate? Please call 415-778-6757. We require at least three working days’ notice to accommodate interpreter requests. For TDD or hearing impaired, call 711, California Relay Service, or 1-800-735-2929 (TTY), 1-800-735-2922 (voice) and ask to be relayed to 415-778-6700.

¿Necesita un intérprete u otra asistencia para participar? Por favor llame al 415-778-6757. Solicitamos tres días hábiles para poder coordinar servicios de interprete. Para servicios de TDD o para sordomudos, favor de llamar al 711 al Servicio de Retransmisión de California o al 1-800-735-2929 (para TTY) o al 1-800-735-2922 (para voz) y pida que lo conecten al 415-778-6700.

您是否需要翻譯員或任何其他幫助才能參加呢？請提前三天致電415-778-6757。有聽覺或者語言障礙的人士，請打電話到711，加州传达服务。电传打字机的联系号码是1-800-735-2929，需要语音服务可以打电话到1-800-735-2922，然后要求传达到 415-778-6700。

###

**Comisión Metropolitana de Transporte**  
**Aviso de disponibilidad**

La Comisión Metropolitana de Transporte (MTC) invita a las personas interesadas a hacer comentarios sobre los siguientes documentos preliminares de programación del transporte:

- 1) Programa Preliminar de Mejora de Transporte (TIP) 2021:** Este es el documento de programación del transporte de la región que contiene los proyectos de transporte de superficie, incluyendo, a título de ejemplo, transporte público masivo, autopistas, carreteras locales, y proyectos para ciclistas y peatones que han sido propuestos para la financiación basada en la disponibilidad esperada de fondos federales, estatales y locales durante los próximos cuatro años, y que recibirán fondos federales o están sujetos a una acción requerida a nivel federal, o bien que son de importancia regional. Las regulaciones federales requieren que el TIP sea actualizado cada cuatro años. Sin embargo, Caltrans requiere que todas las Organizaciones Metropolitanas de Planificación (MPOs) actualicen su TIP con mayor frecuencia. El TIP preliminar de 2021 fue desarrollado para ser compatible con el *Plan Área de la Bahía 2040 Modificado* de la MTC, el plan a 24 años para proyectos de transporte en los nueve condados del Área de la Bahía de San Francisco.
  
- 2) Análisis Preliminar de conformidad del transporte con la calidad del aire para el Plan Área de la Bahía 2040 Modificado y el TIP de 2021:** MTC además está preparando un nuevo análisis de conformidad del transporte con la calidad del aire para el *Plan Área de la Bahía 2040 Modificado* y el TIP de 2021. El TIP preliminar de 2021 sólo incluye proyectos compatibles con el Plan Área de la Bahía 2040 Modificado. Estos proyectos han sido modelados en el año correspondiente del análisis utilizando las suposiciones de planificación más recientes.

El TIP preliminar de 2021, el cual incluye el análisis de límites financieros y el Análisis preliminar de conformidad del transporte con la calidad del aire, está disponible para su revisión por el público a partir del 9 de noviembre del 2020. Los documentos se publicarán en el sitio web de la MTC en <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>.

Se invita a las personas interesadas a comentar estos documentos durante la reunión de diciembre del Comité de Programación y Asignaciones de la MTC . La reunión pública actualmente está programada para: **Miércoles, 9 de diciembre de 2020, a las 9:45 a.m.**, o inmediatamente después de la reunión del Comité Administrativo de MTC, lo que ocurra al último (Remotamente). A la luz de la declaración del Estado de Emergencia del Gobernador Newsom en relación con el brote de COVID-19 y de conformidad con la Orden Ejecutiva N-29-20 emitida por el Gobernador Newsom el 17 de marzo de 2020 y la guía de reuniones emitida por el Departamento de Salud Pública de California, la reunión se llevará a cabo mediante transmisión por internet, teleconferencia y Zoom para todos los participantes. Hay instrucciones detalladas sobre la participación a través de Zoom disponibles en: <https://mtc.ca.gov/how-provide-public-comment-board-meeting-zoom>. El enlace de la reunión de Zoom y las instrucciones de accesibilidad se publicarán en: <https://mtc.ca.gov/whats-happening/meetings> no menos de 72 horas

antes de la reunión pública.

Los comentarios serán aceptados hasta las 5:00 p.m. del lunes, 14 de diciembre de 2020. Los comentarios por escrito deben identificarse con "2021 TIP Update" en la línea de asunto y pueden presentarse a la Oficina de Información Pública de la MTC por correo electrónico a [info@bayareametro.gov](mailto:info@bayareametro.gov) o a través del servicio postal a:

Metropolitan Transportation Commission  
Bay Area Metro Center  
375 Beale Street, Suite 800  
San Francisco, CA 94105

Para obtener más información, llame a la Oficina de Información Pública de MTC al 415-778-6757.

Este aviso también sirve para satisfacer los requisitos de participación pública del programa anual de proyectos de la Dirección Federal de Transporte (FTA), para fondos aplicables.

El Comité de Programación y Asignaciones de la MTC está programado para considerar los comentarios del público recibidos durante el período de comentarios en su reunión del 10 de febrero de 2021. Se prevé que la MTC apruebe el análisis final de conformidad del transporte con la calidad del aire y el TIP de 2021 durante la reunión de la Comisión el miércoles, 24 de febrero de 2021.

¿Necesita un intérprete u otra asistencia para participar? Por favor llame al 415-778-6757. Solicitamos tres días hábiles para poder coordinar servicios de interprete. Para servicios de TDD o para sordomudos, favor de llamar al 711 al Servicio de Retransmisión de California o al 1-800-735-2929 (para TTY) o al 1-800-735-2922 (para voz) y pida que lo conecten al 415-778-6700.

Do you need an interpreter or any other assistance to participate? Please call 415-778-6757. We require at least three working days' notice to accommodate interpreter requests. For TDD or hearing impaired, call 711, California Relay Service, or 1-800-735-2929 (TTY), 1-800-735-2922 (voice) and ask to be relayed to 415-778-6700.

**您是否需要翻譯員或任何其他幫助才能參加呢？請提前三天致電 415-778-6757。有聽覺或者語言障礙的人士, 請打電話到 711, 加州传达服务. 电传打字机的联系号码是 1-800-735-2929, 需要语音服务可以打电话到 1-800-735-2922, 然后要求传达到 415-778-6700.**

###

## 都會交通委員會

### 可用通知

都會交通委員會 ( MTC ) 誠邀有意人士對以下交通計畫文件初稿進行評論：

- 1) **2021 年交通改善計畫 ( TIP ) 初稿**：這是包含地面交通專案的區域交通計畫文件，其中包括但不限於基於未來四年預期可用的聯邦、州和地方經費，將得到聯邦資金，或是受制於聯邦要求的行動，或是具有重大區域意義的擬建公共交通、公路、地方道路、自行車及行人專案。聯邦法規要求每四年更新一次 TIP。然而，加州交通部 ( Caltrans ) 要求都會規劃組織 ( MPO ) 更常更新 TIP。2021 年 TIP 初稿的擬定符合 MTC 的規劃灣區 2040 修訂版，亦即是三藩市灣區九縣的 24 年交通專案規劃。
- 2) **規劃灣區 2040 修訂版和 2021 年 TIP 的規劃灣區交通-空氣品質合規分析**：MTC 也在準備新的規劃灣區 2040 修訂版和 2021 年 TIP 交通-空氣品質合規分析。2021 年 TIP 初稿僅包括符合規劃灣區 2040 修訂版的專案。已採用最新的規劃假設，在適當分析年度對這些專案進行模擬。

包括財務限制分析在內的 2021 年 TIP 初稿和交通-空氣品質合規分析初稿，將從 2020 年 11 月 9 日起供公眾審查。這些文件會在 MTC 網站 <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program> 公布。

誠邀有意人士在 MTC 的十二月計畫與分配委員會開會期間，對這些文件進行評論。公開會議目前訂於以下時間舉行：2020 年 12 月 9 日星期三上午 9:45，或是緊接 MTC 行政委員會會議之後，以在後者為準 ( 遠程舉行 )。鑒於 Newsom 州長因 COVID-19 疫情宣佈進入緊急狀態，並根據 Newsom 州長於 2020 年 3 月 17 日發佈的 N-29-20 號行政命令和加州公共衛生局發佈的集會指南，公開會議將透過網路直播、電話會議和 Zoom 為所有與會者提供服務。關於透過 Zoom 參與的詳細說明請見：<https://mtc.ca.gov/how-provide-public-comment-board-meeting-zoom>。在公聽會前至少 72 小時，會將 Zoom 會議連結和無障礙說明發佈到：<https://mtc.ca.gov/whats-happening/meetings>。

書面評論的截止時間是 2020 年 12 月 14 日星期一下午 5:00。書面評論應在主旨欄註明「2021 TIP Update」，透過電子郵件提交給 MTC 的公共資訊辦公室 [info@bayareametro.gov](mailto:info@bayareametro.gov)，或透過美國郵局寄至：

Metropolitan Transportation Commission  
Bay Area Metro Center  
375 Beale Street, Suite 800

詳情請電 MTC 公共資訊辦公室，號碼是 415-778-6757。

本通知旨在滿足聯邦交通管理局 ( FTA ) 年度專案計畫對相應資金的公眾參與要求。

MTC 的計畫與分配委員會預計在 2021 年 2 月 10 日的會議期上考慮在評論期間截止前收到的公眾評論。MTC 預定在 2021 年 2 月 24 日星期三舉行的委員會會議期間，批准交通-空氣品質合規分析和 2021 年 TIP 終稿。

您是否需要翻譯員或任何其他幫助才能參加呢？請提前三天致電 415-778-6757。有聽覺或者語言障礙的人士, 請打電話到 711, 加州传达服务. 电传打字机的联系号码是 1-800-735-2929, 需要语音服务可以打电话到 1-800-735-2922, 然后要求传达到 415-778-6700.

Do you need an interpreter or any other assistance to participate? Please call 415-778-6757. We require at least three working days' notice to accommodate interpreter requests. For TDD or hearing impaired, call 711, California Relay Service, or 1-800-735-2929 (TTY), 1-800-735-2922 (voice) and ask to be relayed to 415-778-6700.

¿Necesita un intérprete u otra asistencia para participar? Por favor llame al 415-778-6757. Solicitamos tres días hábiles para poder coordinar servicios de interprete. Para servicios de TDD o para sordomudos, favor de llamar al 711 al Servicio de Retransmisión de California o al 1-800-735-2929 (para TTY) o al 1-800-735-2922 (para voz) y pida que lo conecten al 415-778-6700.

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# APPENDIX A – 59

## *2021 TIP Detail*

**Response to Public Comments on  
Draft 2021 TIP**



Response to written public comments on the  
Draft 2021 TIP will be included as an  
Appendix in the Final 2021 TIP

# APPENDIX A – 60

## *2021 TIP Detail*

### Approval Letters



Approval Letters for the  
2021 TIP  
will be included as they are received after  
approval of the Final 2021 TIP