

## **2020 Trade Corridor Enhancement Program Staff Recommendations**

The Trade Corridor Enhancement Program, created under Senate Bill (SB) 1 (Beall, Chapter 5, Statutes of 2017), funds infrastructure improvements on federally designated Trade Corridors of National and Regional Significance, on the Primary Freight Network, and along corridors that have a high volume of freight movement, as determined by the Commission.

In March 2019, the California Transportation Commission (Commission) began guideline development of the 2020 Trade Corridor Enhancement Program Guidelines. The Commission held five workshops between March 2019 and February 2020 to solicit input on the development of the Trade Corridor Enhancement Program Guidelines. These workshops included consultation with stakeholders representing regional agencies, local governments, private industry, ports, and non-governmental organizations. The Commission's guidelines, adopted at its March 25, 2020 meeting, describe the policies, standards, criteria and procedures for the development, adoption, and management of the 2020 Trade Corridor Enhancement Program.

The Commission established the 2020 Trade Corridor Enhancement Competitive Program as a three-year (Fiscal Years 2020-21 through 2022-23), \$1.392 billion program. Project nominations were due to the Commission on, or postmarked by, August 3, 2020. The Commission received 47 project nominations seeking over \$1.7 billion. Since SB 1 provides an on-going funding source for the Trade Corridor Enhancement Program, agencies with projects not recommended for funding in this cycle will have the opportunity to apply for funding in subsequent cycles.

An evaluation team, consisting of Commission and Caltrans staff, reviewed all 47 project nominations based on the screening and evaluation criteria set forth in the Commission's adopted guidelines. Due to the competitive nature of this program, staff evaluations were limited to the documentation submitted with the application package. All projects nominated for funding provide significant value to California residents, and the amount of funding requested reflects the significant need to address freight transportation improvements across all localities in the state.

Recommendations for funding are set forth on the attached list of projects. The recommended projects were determined to be the projects that best address the criteria as outlined in the guidelines. Staff recommends Trade Corridor Enhancement Program funds totaling \$1.359 billion for 28 projects valued at more than \$4 billion.

The total proposed programming exceeds the identified funding capacity and will be supported by Trade Corridor Improvement Fund savings and future Trade Corridor Enhancement Program project savings, consistent with the Trade Corridor Improvement Fund close-out policy and Trade Corridor Enhancement Program guidelines.

The recommendation includes a variety of projects that provide freight transportation improvements in localities across the state. Collectively, the projects recommended will improve border crossings, increase freight rail storage and transport capacity, create grade separations, improve interchanges, and create highway improvements such as truck climbing lanes, auxiliary lanes, mixed-flow lanes or high-occupancy-vehicle lanes that enhance the movement of goods. Over the next 20 years, the projects are estimated to allow for over 70 million additional trucks, 65 million additional tons of cargo, and 10 million

additional rail trailers or containers. Together, the projects also result in an overall decrease in emissions.

Projects not recommended for funding were found less competitive for a variety of reasons including: required information missing or unclear; area(s) of non-compliance with statute and/or guidelines; limited federal funding for projects on port property; goods movement benefits unclear or minimal; and the prioritization of construction funding over pre-construction funding consistent with the program guidelines. The projects not recommended for funding are, by and large, worthy projects though not as competitive for this program cycle.

The Commission will consider staff recommendations and adoption at the December 2-3, 2020 Commission meeting.

**2020 Trade Corridor Enhancement Program Staff  
Recommendations  
(1,000s)**

	Project Title	Project Type	County	Region	Regional	State	Total Request*	Total Project Cost	Score	
Recommended for Approval (28 Projects)	24	57/60 Interchange & Other Improvements	Highway Improvements/Interchange Improvements	Los Angeles	Los Angeles/Inland Empire	\$ 130,700	\$ 87,200	\$ 217,900	\$ 420,200	High
	39	I-605/SR91 & Cherry Ave Improvements	Lanes	Los Angeles	Los Angeles/Inland Empire	\$ 70,802	\$ 47,200	\$ 118,002	\$ 240,936	High
	31	I80 Cordelia CVEF	Highway Improvements/Commercial Vehicle Enforcement Facility	Solano	Bay Area	\$ 12,294	\$ 11,708	\$ 24,002	\$ 250,770	High
	13	Solano I-80 Managed Lanes	Highway Improvements/HOV Lanes	Solano	Bay Area	\$ 123,400		\$ 123,400	\$ 274,900	High
	26	Fourth Track Rail Expansion in POLB (Federalize)	Rail Improvements/ Rail Capacity Expansion in POLB	Los Angeles	Los Angeles/Inland Empire	\$ 4,000	\$ 4,000	\$ 8,000	\$ 24,800	High
	17	McKinley Street Grade Separation	Rail Improvements/Grade Separation	Riverside	Los Angeles/Inland Empire	\$ 10,300		\$ 10,300	\$ 108,300	High
	18	SR 55 Improvements	Highway Improvements/Mixed Flow Lanes, Auxiliary Lanes, and HOV Lanes	Orange	Los Angeles/Inland Empire	\$ 115,000	\$ -	\$ 115,000	\$ 349,212	High
	38	I10 Truck Climbing Lane	Highway Improvements/Truck Climbing Lane	San Bernardino/ Riverside	Los Angeles/Inland Empire	\$ 14,444	\$ 9,630	\$ 24,074	\$ 36,487	High
	8	Calexico East POE Bridge Widening	Border Improvement	Imperial	San Diego/Border	\$ 7,481		\$ 7,481	\$ 32,538	High
	28	Fenix Terminal Rail Expansion in POLA (Federalize)	Rail Improvements/ Rail Capacity Expansion in POLA	Los Angeles	Los Angeles/Inland Empire	\$ 11,516	\$ 7,678	\$ 19,194	\$ 51,470	High
	23	LOSSAN-SD Intermodal Improvement Program	Rail Improvements/Rail Capacity & Safety Improvements	San Diego	San Diego/Border	\$ 54,045	\$ 52,360	\$ 106,405	\$ 202,407	High
	22	Otay Mesa East Construct POE	Border Improvement	San Diego	San Diego/Border	\$ 5,900	\$ 36,620	\$ 42,520	\$ 94,800	High
	34	SR 46 Widening Seg 4c Kern	Highway Improvements/Road Widening	Kern	Central Valley	\$ 6,000	\$ 4,000	\$ 10,000	\$ 37,000	Medium High
	7	Port of Stockton Rail Improvements (Federalize)	Port Improvements/New Bridge/Increased Rail Capacity	San Joaquin	Central Valley	\$ 5,343		\$ 5,343	\$ 46,007	Medium High
	41	I-5 Merge Lanes, ITS Infrastructure, I80 Lane & Elkhorn	Highway Improvements/Traffic Management Systems & Auxiliary Lanes	Sacramento/ Placer	Central Valley	\$ 40,000	\$ 23,000	\$ 63,000	\$ 86,000	Medium
	42	I-15 Lanes San Bernardino	Highway Improvements/HOV Lanes, Auxiliary Lanes, & TMS	San Bernardino/ Riverside	Los Angeles/Inland Empire	\$ 52,200	\$ 66,539	\$ 118,739	\$ 307,167	Medium
	32	I-580 Interchange Improvements	Highway Improvements/Interchange Improvements	San Joaquin	Central Valley	\$ 18,531	\$ 6,353	\$ 24,884	\$ 49,183	Medium
	46	SR 46 Widening San Luis Obispo	Highway Improvements/Road Widening	San Luis Obispo	Central Coast		\$ 7,300	\$ 7,300	\$ 101,300	Medium
	2	North County Corridor Phase 1 Expressway	Highway Improvements/Expressway	Stanislaus	Central Valley	\$ 20,000		\$ 20,000	\$ 163,000	Medium
	12	I-880/SR4 Interchange Improvements	Highway Improvements/Interchange Improvements	Contra Costa	Bay Area	\$ 18,000		\$ 18,000	\$ 236,000	Medium
	35	SR 99 Improvements Madera	Highway Improvements/Widening	Madera	Central Valley	\$ 2,795	\$ 1,864	\$ 4,659	\$ 110,873	Medium
	33	US 101/SR 25 Interchange Improvements	Highway Improvements/Interchange Improvements	Santa Clara	Bay Area	\$ 33,000	\$ 22,000	\$ 55,000	\$ 101,200	Medium
	30	SR 156 Castroville Blvd Interchange	Highway Improvements/Interchange Improvements	Monterey	Central Coast	\$ 5,568	\$ 14,432	\$ 20,000	\$ 55,200	Medium
	14	SR 47 Interchange Improvements	Highway Improvements/Interchange Improvements	Los Angeles	Los Angeles/Inland Empire	\$ 13,383		\$ 13,383	\$ 60,355	Medium
	37	I-5 Improvements Shasta	Highway Improvements/General Purpose & Auxiliary Lanes	Shasta	Other	\$ 664	\$ 1,209	\$ 1,873	\$ 80,235	Medium Low
	40	Rt 71/91 Interchange Connector	Highway Improvements/Interchange Improvements	Riverside	Los Angeles/Inland Empire	\$ 34,865	\$ 23,243	\$ 58,108	\$ 148,208	Medium Low
	25	Stockton Diamond Grade Separation	Rail Improvements/Grade Separation & Increased Capacity	San Joaquin	Central Valley	\$ 60,000	\$ 40,000	\$ 100,000	\$ 237,133	Medium Low
	9	La Media Road Additional Lanes	Border Improvement	San Diego	San Diego/Border	\$ 22,700	\$ -	\$ 22,700	\$ 42,700	Medium Low
						\$ 892,931	\$ 466,336	\$ 1,359,267	\$ 4,798,381	

\*Staff are recommending the amount requested for all projects except the Port of Stockton. For the Port of Stockton, staff is only recommending pre-construction funding. The construction funding is included on the "Not Recommended" list.

A project fact sheet is linked to each project recommended for funding.

				17,689	<b>TCIF Savings</b>
\$ 835,200	\$ 495,527	\$ 1,348,416			<b>Amount Available</b>
\$ 892,931	\$ 466,336	\$ 1,359,267			<b>Total Recommended</b>
\$ (57,731)	\$ 29,191	\$ (10,851)			<b>Remaining</b>

	Project Title	Project Type	County	Region	Regional	State	Total Request	Total Project	Score	
Not Currently Recommended (19 projects*)	43	I-710 Traffic Management Systems	Highway Improvements	Los Angeles	Los Angeles/Inland Empire	\$ 16,700	\$ 11,100	\$ 27,800	\$ 40,000	Low
	36	SR 99 Improvements Tulare	Highway Improvements	Tulare	Central Valley	\$ 11,186	\$ 7,457	\$ 18,643	\$ 150,521	Low
	44	SR 58 Truck Climbing Lanes	Highway Improvements	Kern	Central Valley	\$ -	\$ 5,739	\$ 5,739	\$ 179,469	Low
	45	I5 Managed Lanes	Highway Improvements	Orange	Los Angeles/Inland Empire	\$ -	\$ 5,000	\$ 5,000	\$ 15,000	Low
	15	SR 86/Ave 50 New Interchange	Highway Improvements	Riverside	Los Angeles/Inland Empire	\$ 53,763	\$ -	\$ 53,763	\$ 105,999	Low
	5	US 101 Pismo Managed Lane & Truck Lane Extension	Highway Improvements	San Luis Obispo	Central Coast	\$ 5,568		\$ 5,568	\$ 68,915	Low
	3	Atwater Merced Phase 1B Expressway & Overcrossing	Highway Improvements	Merced	Central Valley	\$ 12,000	\$ -	\$ 12,000	\$ 59,430	Low
	21	I 215 Roundabout Interchange with Auxiliary Lanes	Highway Improvements	Riverside	Los Angeles/Inland Empire	\$ 10,000	\$ -	\$ 10,000	\$ 47,000	Low
	19	SR 60 Potrero Interchange Ramps and Realignment	Highway Improvements	Riverside	Los Angeles/Inland Empire	\$ 33,500	\$ -	\$ 33,500	\$ 61,530	Low
	16	Third Street Grade Separation	Highway Improvements	Riverside	Los Angeles/Inland Empire	\$ 16,100	\$ -	\$ 16,100	\$ 55,500	Low
	10	Washington Blvd Underpass Replacement	Highway Improvements	Placer	Central Valley	\$ 18,811	\$ -	\$ 18,811	\$ 30,573	Low
	27	LA County Freight Rail Efficiency Project at Malabar	Rail Improvements	Los Angeles	Los Angeles/Inland Empire	\$ 39,120	\$ 26,080	\$ 65,200	\$ 84,738	Low
	29	Alameda Grade Crossing Improvements	Rail Improvements	Alameda	Bay Area	\$ 15,600	\$ 10,400	\$ 26,000	\$ 57,555	Low
	11	Grant Line Reconstruction Structure & Intersection	Highway Improvements	Sacramento	Central Valley	\$ 4,650	\$ -	\$ 4,650	\$ 8,909	Low
	47	SR 29 Expressway	Highway Improvements	Lake	Other		\$ 33,375	\$ 33,375	\$ 132,580	Low
	4	US 101 4D/4E HOV Lane & Road Rehabilitation	Highway Improvements	Santa Barbara	Central Coast	\$ 5,560		\$ 5,560	\$ 320,315	High
	6	Grant Line Road Realignment	Highway Improvements	San Joaquin	Central Valley	\$ 14,577	\$ -	\$ 14,577	\$ 38,655	Low
	20	Port of Hueneme Automobile Transfer Facilitation	Port Improvements	Ventura	Los Angeles/Inland Empire	\$ 46,708		\$ 46,708	\$ 66,726	Low
	7	Port of Stockton Rail Improvements	Rail Improvements	San Joaquin	Central Valley	\$ 26,862		\$ 26,862	\$ 46,007	Medium High
						\$ 330,705	\$ 99,151	\$ 429,856	\$ 1,569,422	\$ -

\* The Port of Stockton is listed twice, once on the "Recommended" project list for pre-construction funds, and once on the "Not Recommended" project list for construction funds.

	Project Title	Project Type	County	Region	Regional	State	Total Request	Total Project	Score
Funded by Other SB 1 Programs (1 project)	1 SR 4 Wagon Trail	Highway Improvements	Calaveras	Other	\$ 5,284		\$ 5,284	\$ 30,861	Low

**2020 Trade Corridor Enhancement Program  
Staff Recommendations  
(1,000s)**

<b>Recommended Funding by Fiscal year and Phase (28 Projects)</b>	<b>Project Title</b>	<b>20-21</b>	<b>21-22</b>	<b>22-23</b>	<b>R/W</b>	<b>Const</b>	<b>PS&amp;E</b>	<b>R/W Sup</b>	<b>Con Sup</b>
	57/60 Interchange & Other Improvements			\$ 217,900		\$ 217,900			
	I-605/SR91 & Cherry Ave Improvements		\$ 69,670	\$ 48,332		\$ 118,002			
	I80 Cordelia CVEF	\$ 24,002					\$ 24,002		
	Solano I-80 Managed Lanes		\$ 123,400			\$ 101,600			\$ 21,800
	Fourth Track Rail Expansion in POLB (Federalize)		\$ 8,000			\$ 8,000			
	McKinley Street Grade Separation	\$ 10,300				\$ 10,300			
	SR 55 Improvements	\$ 115,000				\$ 115,000			
	I10 Truck Climbing Lane		\$ 24,074			\$ 24,074			
	Calexico East POE Bridge Widening	\$ 7,481			\$ 4	\$ 6,540	\$ 937		
	Fenix Terminal Rail Expansion in POLA (Federalize)			\$ 19,194		\$ 19,194			
	LOSSAN-SD Intermodal Improvement Program	\$ 32,095	\$ 41,130	\$ 33,180		\$ 105,838	\$ 567		
	Otay Mesa East Construct POE	\$ 42,520			\$ 32,810		\$ 5,900	\$ 3,810	
	SR 46 Widening Seg 4c Kern			\$ 10,000		\$ 10,000			
	Port of Stockton Rail Improvements (Federalize)	\$ 4,433	\$ 910		\$ 910		\$ 4,433		
	I-5 Merge Lanes, ITS Infrastructure, I80 Lane & Elkhorn	\$ 2,100	\$ 27,300	\$ 33,600	\$ 50	\$ 55,282	\$ 1,900	\$ 150	\$ 5,618
	I-15 Lanes San Bernardino			\$ 118,739		\$ 118,739			
	I-580 Interchange Improvements		\$ 24,884			\$ 24,884			
	SR 46 Widening San Luis Obispo	\$ 7,300			\$ 5,900			\$ 1,400	
	North County Corridor Phase 1 Expressway			\$ 20,000		\$ 17,700			\$ 2,300
	I-680/SR4 Interchange Improvements	\$ 18,000					\$ 18,000		
	SR 99 Improvements Madera		\$ 4,659		\$ 3,389			\$ 1,270	
	US 101/SR 25 Interchange Improvements		\$ 55,000			\$ 55,000			
	SR 156 Castroville Blvd Interchange		\$ 20,000			\$ 14,500			\$ 5,500
	SR 47 Interchange Improvements		\$ 13,383			\$ 13,383			
	I-5 Improvements Shasta			\$ 1,873	\$ 111		\$ 1,735	\$ 27	
	Rt 71/91 Interchange Connector		\$ 58,108			\$ 58,108			
	Stockton Diamond Grade Separation			\$ 100,000		\$ 100,000			
La Media Road Additional Lanes		\$ 22,700			\$ 22,700				
		\$ 263,231	\$ 493,218	\$ 602,818	\$ 43,174	\$ 1,216,744	\$ 57,474	\$ 6,657	\$ 35,218