Plan Bay Area 2050+ Final Blueprint: Draft Transportation Project List

Attachment C

Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
T1. Operate & Maintain the Existing System									
		25-T01-001	Operate & Maintain the Existing System | Baseline | Public Transit Service Levels | Regional	This program includes funding to operate the Bay Area's baseline transit services. Improvements include operations and routine preventative maintenance.	Regional	Various	$0	$182,618	**$182,618**
		25-T01-002	Operate & Maintain the Existing System | Highways | Regional	This program includes funding to operate and maintain the Bay Area's state highways and generally implement the State Highway Operation and Protection Program (SHOPP). Improvements include resurfacing and/or rehabilitation with no new capacity; preventative maintenance; striping improvements for bicycle and/or pedestrian facilities; and emergency repair.	Regional	Various	$27,512	$0	**$27,512**
		25-T01-003	Operate & Maintain the Existing System | Local Bridges | Regional	This program includes funding to operate and maintain the Bay Area's local bridges. Improvements include bridge rehabilitation, replacement, or retrofitting with no new capacity.	Regional	Various	$3,232	$0	**$3,232**
		25-T01-004	Operate & Maintain the Existing System | Local Streets & Roads & Bicycle/Pedestrian | Regional	This program includes funding to operate and maintain the Bay Area's local streets and roads. Improvements include routine patching and pothole repair; sweeping and cleaning; signal operations; lighting; resurfacing and/or rehabilitation with no new capacity; preventative maintenance; striping improvements for bicycle and/or pedestrian facilities; and emergency repair.	Regional	Various	$72,317	$0	**$72,317**
		25-T01-005	Operate & Maintain the Existing System | Public Transit Capital Assets | Regional	This program includes funding to maintain and replace the Bay Area's baseline transit capital assets. Improvements include vehicle rehabilitation or replacement; reconstruction or renovation of transit buildings and structures; and rehabilitation or reconstruction of track.	Regional	Various	$66,131	$0	**$66,131**
		25-T01-006	Operate & Maintain the Existing System | Toll Bridges | Regional	This program includes funding to operate and maintain the Bay Area's seven state-owned toll bridges and generally implement the region's Toll Bridge Program. Improvements include toll bridge rehabilitation, retrofitting with no new capacity, and toll operations.	Regional	Various	$19,840	$0	**$19,840**
		25-T01-007	Operate & Maintain the Existing System | Zero-Emission Fleet Transition | Regional	This program includes funding to operate and maintain the Bay Area's seven state-owned toll bridges and generally implement the region's Toll Bridge Program. Improvements include toll bridge rehabilitation, retrofitting with no new capacity, and toll operations.	Regional	Various	$8,025	$0	**$8,025**
T2. Improve the Rider Experience through Transit Network Integration									
		25-T02-008	Improve the Rider Experience through Transit Network Integration | Integrated Fare Structure | Regional	This program includes funding to implement a no-cost and reduced cost interagency transfer policy with Next Generation Clipper and additional measures to move toward an integrated fare structure.	Regional	Various	$0	$3,039	**$3,039**
		25-T02-009	Improve the Rider Experience through Transit Network Integration | Mapping and Wayfinding | Regional	This program includes funding to develop regionally maintained tools, such as the Regional Mapping Data System and the installation of regionally consistent transit signs.	Regional	Various	$34	$595	**$629**

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		25-T02-010	Improve the Rider Experience through Transit Network Integration | Paratransit Enhancements and Coordinated Services Plan Implementation | Regional	This program includes funding to implement one-seat paratransit ride pilots across the region, full integration of ADA paratransit services on Clipper Next Generation, and additional reforms recommended by the Coordinated Public Transit-Human Services Transportation Plan.	Regional	Various	$278	$1,755	**$2,034**
T3. Improve the Rider Experience through Refined Transfer Timing at Key Regional Hubs									
		25-T03-011	Improve the Rider Experience through Refined Timing at Key Regional Hubs| Regional	This program includes funding to enhance the physical infrastructure at 15 key regional hubs to improve the transfer experience for transit riders and better connect riders to biking, micro-mobility and walking options; and short-term operating assistance and technical resources to allow for increased service for key transfer routes.	Regional	Various	$695	$396	**$1,091**
T4. Enhance Security Measures and Improve Safety and Cleanliness on Transit									
		25-T04-012	Enhance Security Measures and Improve Safety and Cleanliness on Transit| Regional	This program includes funding for the installation of security cameras and improved lighting at stations and stops and additional improvements in facilities to support safety and security; staffing for security and police staff, non-sworn positions such as ambassadors and crisis intervention specialists, and janitorial and custodial staff; and public awareness safety campaign programs.	Regional	Various	$1,436	$2,884	**$4,321**
T5. Implement Pricing Strategies to Manage Demand									
		25-T05-013	Next Generation Freeways Pricing Strategy | Regional	This program includes funding to implement toll infrastructure, such as toll gantries, to collect per-mile tolls charged to vehicles on all Bay Area freeway corridors during peak periods on weekdays.	Regional	2025 - 2035	$3,100	$0	**$3,100**
		25-T05-014	Parking Pricing Strategy | Regional	This program includes funding to implement a regional parking fee program. Improvements could include increasing parking fees in areas targeted for housing and job growth.	Regional	2036 - 2050	$100	$0	**$100**
		25-T05-015	Congestion Pricing & Mobility Improvements | Treasure Island	This program includes funding to implement cordon-based congestion pricing for vehicles leaving and entering Treasure Island. Improvements include toll affordability programs; Muni bus frequency upgrades; free shuttles; a new ferry terminal; new ferry service between Treasure Island and the San Francisco Ferry Building (30-minute peak headways); and new AC Transit express bus service to Oakland (10-minute peak headways).	San Francisco	2025 - 2035	$47	$649	**$696**
		25-T05-016	Congestion Pricing & Mobility Improvements | Downtown San Francisco	This program includes funding to implement cordon-based congestion pricing for vehicles leaving and entering downtown San Francisco. Improvements include toll affordability programs; street improvements to support transit operations and cycling and pedestrian safety; frequency improvements on various Muni/SamTrans routes; transit signal priority; and dedicated bus lanes.	San Francisco	2036 - 2050	$196	$453	**$649**

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T6. Modernize Freeways and Interchanges									
		25-T06-017	Bay Area Forward Program | Regional	This program includes funding to implement initiatives to maximize the efficiency of freeway and arterial systems through active traffic demand management and multi-modal strategies. Improvements include implementation of toll bridge corridor "forward" programs, adaptive ramp metering, adaptive signal timing with transit signal priority, bus on shoulder lanes, congestion pricing on toll bridge corridors, arterial first and last mile solutions, and shared mobility pilot deployments.	Regional	2025 - 2035	$615	$0	**$615**
		25-T06-018	Other Investments to Modernize Freeways and Interchanges | Regional	This program includes funding to implement other programmatic investments to modernize freeways through technological improvements and interchange enhancements. This program generally implements county and other local programs and initiatives to programmatically implement highway improvements without expanding road capacity. Improvements include interchange modifications that enhance multi-modal access and safety; technological upgrades, such as intelligent transportation systems (ITS), ramp metering, and dynamic message signs; and minor lane additions or lane extensions of less than 1/4-mile (i.e., highway or freeway lane, auxiliary lane, or HOV lane).	Regional	Various	$500	$0	**$500**
	I-280								
		25-T06-019	Interchange Improvements | I-280 | Ocean Ave and Geneva Ave	This program includes funding to implement interchange improvements on I-280 at Ocean Ave and Geneva Ave. Improvements include northbound and southbound off-ramp reconfigurations, traffic signal changes, and Intelligent Transportation System (ITS) upgrades.	San Francisco	2036 - 2050	$34	$0	**$34**
		25-T06-020	Interchange Improvements | I-280 | Between 3rd St and 7th St	This program includes funding to implement interchange improvements on I-280 between 3rd St and 7th St. Improvements include reconstruction of the northbound off-ramp at 7th St to connect with 3rd St, and reconstruction of the northbound on-ramp at 4th St.	Santa Clara	2036 - 2050	$34	$0	**$34**
		25-T06-021	Interchange Improvements | I-280 | Foothill Expwy	This program includes funding to implement interchange improvements on I-280 at Foothill Expwy. Improvements include operational improvements on the southbound off-ramp, a northbound auxiliary lane, and an extension of Stevens Creek Trail.	Santa Clara	2025 – 2035	$5	$0	**$5**
		25-T06-022	Interchange Improvements | I-280 | Winchester Blvd	This program includes funding to implement interchange improvements on I-280 at Winchester Blvd. Improvements include a new northbound I-280 off-ramp; ramp and connector widenings; replacement of the northbound SR-17 to northbound I-280 loop ramp with a direct connector ramp; and reconstruction of the pedestrian overcrossing.	Santa Clara	2036 - 2050	$229	$0	**$229**
	I-505								
		25-T06-023	Interchange Improvements | I-505 | Vaca Valley Pkwy	This program includes funding to implement interchange improvements on I-505 at Vaca Valley Pkwy. Improvements include roundabout installations, and new bicycle and/or pedestrian facilities.	Solano	2025 - 2035	$35	$0	**$35**
	I-580								
		25-T06-024	Interchange Improvements | I-580 | I-680	This program includes funding to implement interchange improvements on I-580 at I-680. Improvements include operational and safety improvements approaching and through the interchange.	Alameda	2025 – 2035	$40	$0	**$40**

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		25-T06-025	Interchange Improvements | I-580 | Greenville Rd	This program includes funding to implement interchange improvements on I-580 at Greenville Rd. Improvements include construction of a full interchange with on- and off-ramps, and new bicycle and/or pedestrian facilities.	Alameda	2036 - 2050	$90	$0	**$90**
		25-T06-026	Interchange Improvements | I-580 | Hacienda Dr and Fallon Rd, Phase 2	This program includes funding to implement interchange improvements on I-580 at Hacienda Dr and Fallon Rd. Improvements include widening Hacienda Dr overcrossing to add a northbound lane and widening the Fallon Rd overcrossing to four lanes in each direction; ramp reconstruction and widening; and bicycle and/or pedestrian enhancements.	Alameda	2036 - 2050	$102	$0	**$102**
		25-T06-027	Interchange Improvements | I-580 | Isabel Ave and Portola Ave	This program includes funding to implement interchange improvements on I-580 at Isabel Ave and Portola Ave. Improvements include widening the Isabel interchange and Portola overcrossing; new on- and off-ramps; and safety and bicycle and/or pedestrian enhancements.	Alameda	2036 - 2050	$30	$0	**$30**
		25-T06-028	Interchange Improvements | I-580 | Vasco Rd	This program includes funding to implement interchange improvements on I-580 at Vasco Rd. Improvements include replacement of the existing overcrossing with a nine-lane bridge, and new bicycle and/or pedestrian facilities.	Alameda	2036 - 2050	$120	$0	**$120**
		25-T06-029	Interchange Improvements | I-580 | First St	This program includes funding to implement interchange improvements on I-580 at First St. Improvements include ramp reconstruction to achieve a partial cloverleaf design, and widening the existing overcrossing from four to six lanes.	Alameda	2036 – 2050	$55	$0	**$55**
	I-680								
		25-T06-030	Interchange Improvements | I-680 | SR-262 ("Mission Blvd")	This program includes funding to implement interchange improvements on I-680 at SR-262. Improvements include intersection modifications, and new bicycle and/or pedestrian facilities, including new separated Class IV Bicycle Lane and Pedestrian facilities between Warm Springs Boulevard and east of the I-680/SR 262 Interchange.	Alameda	2025 - 2035	$76	$0	**$76**
		25-T06-031	Interchange Improvements | I-680 | Sunol Blvd	This program includes funding to implement interchange improvements on I-680 at Sunol Blvd. Improvements include new on-ramp lanes; widening the Sunol Blvd overcrossing; and new bicycle and/or pedestrian facilities.	Alameda	2025 - 2035	$33	$0	**$33**
		25-T06-032	Interchange Improvements | I-680 | Mission Blvd	This program includes funding to implement interchange improvements on I-680 at Mission Blvd. Improvements include a reconstruction of the southbound off-ramp, and new bicycle and/or pedestrian facilities.	Alameda	2036 - 2050	$54	$0	**$54**
		25-T06-033	Interchange Improvements | I-680 | Stoneridge Dr	This program includes funding to implement interchange improvements on I-680 at Stoneridge Dr. Improvements include widening Stoneridge Dr, the bridge overcrossing and the northbound on-ramp; and bicycle and/or pedestrian enhancements.	Alameda	2036 - 2050	$26	$0	**$26**
		25-T06-034	Interchange Improvements | I-680 | SR-4, Phases 1, 2a, 4	This program includes funding to implement interchange improvements on I-680 at SR-4. Improvements include a two-lane flyover direct connector between northbound I-680 and westbound SR-4; a direct connector between southbound I-680 and eastbound SR-4; a new slip ramp; and ramp metering facilities.	Contra Costa	Various	$594	$0	**$594**
		25-T06-035	Interchange Improvements | I-680 | Montague Expwy	This program includes funding to implement interchange improvements on I-680 at Montague Expwy. Improvements include interchange modifications and widening Montague Expwy from four to six lanes between Dempsey Rd and Pecten Ct.	Santa Clara	2025 – 2035	$43	$0	**$43**

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	I-80								
		25-T06-036	Interchange Improvements | I-80 | Ashby Ave	This program includes funding to implement interchange improvements on I-80 at Ashby Ave. Improvements include an interchange reconstruction, and replacing the overcrossing bridge with a bicycle and pedestrian overcrossing between 65th St and Bay Trail.	Alameda	2025 - 2035	$157	$0	**$157**
		25-T06-037	Interchange Improvements | I-80 | Central Ave	This program includes funding to implement interchange improvements on I-80 at Central Ave. Improvements include operational improvements, and bicycle and/or pedestrian enhancements.	Contra Costa	2025 - 2035	$16	$0	**$16**
		25-T06-038	Interchange Improvements | I-80 | San Pablo Dam Rd, Phase 2	This program includes funding to implement interchange improvements on I-80 at San Pablo Dam Rd. Improvements include an interchange reconstruction; a new direct connector to McBryde Ave; and safety and operational enhancements.	Contra Costa	2025 - 2035	$140	$0	**$140**
		25-T06-039	Interchange Improvements | I-80 | Yerba Buena Island	This program includes funding to implement interchange improvements on I-80 at Yerba Buena Island. Improvements include bridge rehabilitation and reconstruction of the on- and off-ramps.	San Francisco	2025 - 2035	$334	$0	**$334**
		25-T06-040	Interchange Improvements | I-80 | Redwood Pkwy and SR-37/Fairgrounds Dr	This program includes funding to implement interchange improvements on I-80 at Redwood Pkwy and SR-37/Fairgrounds Dr. Improvements include construction of a diverging diamond interchange; widening Fairgrounds Dr to four lanes between Redwood St and SR-37; and bicycle and/or pedestrian enhancements.	Solano	2036 - 2050	$97	$0	**$97**
		25-T06-041	Interchange Improvements | I-80 | I-680 and SR-12, Packages 3-5	This program includes funding to implement interchange improvements on I-80 at I-680 and SR-12. Improvements include a new direct connector between northbound I-680 and westbound SR-12; realigning southbound I-680 to a new I-680/Red Top Rd partial interchange; realigning northbound I-680; widening I-80 westbound; reconstructing eastbound ramps at I-80/Green Valley Rd, extending Business Center Dr to SR-12 to connect with Red Top Rd; new partial interchanges at I-680/Red Top Rd and SR-12/Red Top Rd/Business Center Dr; a new westbound off-ramp at I-80/Green Valley Rd; and a new westbound on-ramp at I-80/Suisun Rd.	Solano	Various	$538	$0	**$538**
	I-880								
		25-T06-042	Interchange Improvements | I-880 | Decoto Rd	This program includes funding to implement interchange improvements on I-880 at Decoto Rd. Improvements include an interchange reconstruction; new transit priority lanes between Decoto Rd/Cabrillo Ct and the southbound I-880 off-ramp; and bicycle and/or pedestrian enhancements.	Alameda	2025 - 2035	$30	$0	**$30**
		25-T06-043	Interchange Improvements | I-880 | Industrial Pkwy West	This program includes funding to implement interchange improvements on I-880 at Industrial Parkway West. Improvements include a new southbound on-ramp and new northbound off-ramp; realigning the northbound and southbound on- and off-ramps; a new northbound auxiliary lane; and bicycle and/or pedestrian enhancements.	Alameda	2025 - 2035	$140	$0	**$140**

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		25-T06-044	Interchange Improvements | I-880 | Posey and Webster Tubes ("Oakland Alameda Access Project")	This program includes funding to implement interchange improvements on I-880 at Posey and Webster Tubes. Improvements include interchange and intersection reconfigurations between I-880, Posey and Webster tubes, and downtown Oakland; ramp removal, reconstruction, and reconfiguration at the I-880 and I-980 interchanges, such as a new horseshoe connector between Posey Tube and I-880; local street modifications; and new bicycle and/or pedestrian facilities.	Alameda	2025 - 2035	$152	$0	**$152**
		25-T06-045	Interchange Improvements | I-880 | Whipple Rd	This program includes funding to implement interchange improvements on I-880 at Whipple Rd. Improvements include reconfiguration of the northbound on- and off-ramps; a new auxiliary lane; and bicycle and/or pedestrian enhancements.	Alameda	2025 - 2035	$80	$0	**$80**
		25-T06-046	Interchange Improvements | I-880 | Between Winton Ave and A St	This program includes funding to implement interchange improvements on I-880 between Winton Ave and A St. Improvements include interchange reconfigurations, new auxiliary lanes, and new bicycle and/or pedestrian facilities.	Alameda	2036 - 2050	$68	$0	**$68**
		25-T06-047	Interchange Improvements | I-880 | Between 42nd St and High St	This program includes funding to implement interchange improvements on I-80 between 42nd St and High St. Improvements include roadway extensions, roadway widenings, operational improvements, and bicycle and/or pedestrian enhancements.	Alameda	2036 – 2050	$25	$0	**$25**
		25-T06-048	Interchange Improvements | I-880 | Montague Expwy	This program includes funding to implement interchange improvements on I-880 at Montague Expwy. Improvements include a new partial clover interchange, and bicycle and/or pedestrian enhancements.	Santa Clara	2036 - 2050	$130	$0	**$130**
SR-1									
		25-T06-049	Interchange Improvements | SR-1 | Manor Dr	This program includes funding to implement interchange improvements on SR-1 at Manor Dr. Improvements include widening the existing overcrossing between Palmetto Ave and Oceana Blvd; and a new northbound on-ramp between Milagra Dr and Oceana Blvd.	San Mateo	2025 - 2035	$28	$0	**$28**
SR-17									
		25-T06-050	Interchange Improvements | SR-17 | Hamilton Ave	This program includes funding to implement interchange improvements on SR-17 at Hamilton Ave. Improvements include off-ramp widening, and bicycle and/or pedestrian enhancements.	Santa Clara	2025 - 2035	$3	$0	**$3**
SR-237									
		25-T06-051	Interchange Improvements | SR-237 | Middlefield Rd	This program includes funding to implement interchange improvements on SR-237 at Middlefield Rd. Improvements include operational, safety, and bicycle and/or pedestrian enhancements.	Santa Clara	2025 - 2035	$55	$0	**$55**
		25-T06-052	Interchange Improvements | SR-237 | Lawrence Expwy/Carribean Dr	This program includes funding to implement interchange improvements on SR-237 at Lawrence Expwy/Carribean Dr. Improvements include on- and off-ramp modifications; and bicycle and/or pedestrian enhancements.	Santa Clara	2036 - 2050	$72	$0	**$72**
SR-85									
		25-T06-053	Express Lane | HOV Conversion | SR-85 | Between SR-87 and US-101 ("Phase 4")	This program includes funding to implement a new express lane through an HOV lane conversion on SR-85 between SR-87 and US-101.	Santa Clara	2025 - 2035	$68	$0	**$68**

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	SR-87								
		25-T06-054	Interchange Improvements | SR-87 | Capitol Expwy/Narvaez Ave	This program includes funding to implement interchange improvements on SR-87 at Capitol Expwy/Narvaez Ave. Improvements include northbound on- and off-ramp modifications.	Santa Clara	2036 - 2050	$53	$0	**$53**
		25-T06-055	Interchange Improvements | SR-87 | Curtner Ave	This program includes funding to implement interchange improvements on SR-87 at Curtner Ave.	Santa Clara	2025 - 2035	$11	$0	**$11**
	SR-92								
		25-T06-056	Interchange Improvements | SR-92 | Clawiter Rd/Whitesell St	This program includes funding to implement interchange improvements on SR-92 at Clawiter Rd/Whitesell St. Improvements include extending Whitesell St to an overcrossing, and bicycle and/or pedestrian enhancements.	Alameda	2036 - 2050	$192	$0	**$192**
	US-101								
		25-T06-057	Interchange Improvements | US-101 | I-580	This program includes funding to implement interchange improvements on US-101 at I-580. Improvements include a direct connector between eastbound I-580 and northbound US-101, and bicycle and/or pedestrian enhancements.	Marin	2036 - 2050	$141	$0	**$141**
		25-T06-058	Interchange Improvements | US-101 | Holly St	This program includes funding to implement interchange improvements on US-101 at Holly St. Improvements include a ramp widening between eastbound and northbound US-101, and a new grade-separated multipurpose path connecting the east and west sides of US-101.	San Mateo	2025 - 2035	$22	$0	**$22**
		25-T06-059	Interchange Improvements | US-101 | SR-84 ("Woodside Rd")	This program includes funding to implement interchange improvements on US-101 at SR-84 ("Woodside Rd"). Improvements include widening Woodside Rd to six lanes; ramp reconstructions; new direct connector flyover ramps to Veterans Blvd; and new bicycle and/or pedestrian facilities.	San Mateo	2025 - 2035	$302	$0	**$302**
		25-T06-060	Interchange Improvements | US-101 | SR-92	This program includes funding to implement interchange improvements on US-101 at SR-92. Improvements include ramp widening between westbound SR-92 and southbound US-101; and ramp widenings and modifications at southbound US-101/Fashion Island Blvd off-ramp and northbound US-101/Hillsdale Blvd off-ramp.	San Mateo	2025 - 2035	$53	$0	**$53**
		25-T06-061	Interchange Improvements | US-101 | SR-92, Direct Connector	This program includes funding to implement interchange improvements on US-101 at SR-92. Improvements include a dedicated managed lane connection between SR-92 and the US-101 Express Lanes.	San Mateo	2025 - 2035	$200	$0	**$200**
		25-T06-062	Interchange Improvements | US-101 | Produce Ave	This program includes funding to implement interchange improvements on US-101 at Produce Ave. Improvements include a new overcrossing between Utah Ave and San Mateo Ave, ramp reconfigurations at Produce Ave; and new bicycle and/or pedestrian facilities.	San Mateo	2036 - 2050	$153	$0	**$153**
		25-T06-063	Interchange Improvements | US-101 | Montague Expwy	This program includes funding to implement interchange improvements on US-101 at Montague Expwy.	Santa Clara	2025 - 2035	$71	$0	**$71**
		25-T06-064	Interchange Improvements | US-101 | Old Oakland Rd	This program includes funding to implement interchange improvements on US-101 at Old Oakland Rd. Improvements include widening Oakland Rd to eight lanes between Commercial St and US-101; extending Commercial St between Berryessa Rd to Mabury Rd; and widening US-101 on and off-ramps.	Santa Clara	2025 - 2035	$25	$0	**$25**

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		25-T06-065	Interchange Improvements | US-101 | Shoreline Blvd	This program includes funding to implement interchange improvements on US-101 at Shoreline Blvd.	Santa Clara	2025 - 2035	$36	$0	**$36**
		25-T06-066	Interchange Improvements | US-101 | Between Mabury Rd and Oakland Rd	This program includes funding to implement interchange improvements on US-101 between Mabury Rd and Oakland Rd. Improvements include a new interchange at the Mabury Rd/Taylor St overcrossing.	Santa Clara	2036 - 2050	$229	$0	**$229**
		25-T06-067	Interchange Improvements | US-101 | Between San Antonio Rd and Charleston Rd/Rengstroff Rd	This program includes funding to implement interchange improvements on US-101 between San Antonio Rd and Charleston Rd/Rengstroff Rd. Improvements include reconstruction of the San Antonio Rd interchange to a full interchange; on- and off-ramp modifications; and new auxiliary lanes.	Santa Clara	2036 - 2050	$229	$0	**$229**
		25-T06-068	Interchange Improvements | US-101 | Ellis St	This program includes funding to implement interchange improvements on US-101 at Ellis St.	Santa Clara	2036 - 2050	$25	$0	**$25**
		25-T06-069	Interchange Improvements | US-101 | SR-152/10th St	This program includes funding to implement interchange improvements on US-101 at SR-152/10th St. Improvements include widening the existing overcrossing bridge from two to three lanes; widening 10th St from two to three lanes; on- and off-ramp modifications; and bicycle and/or pedestrian enhancements.	Santa Clara	2036 - 2050	$82	$0	**$82**
		25-T06-070	Interchange Improvements | US-101 | SR-237	This program includes funding to implement interchange improvements on US-101 at SR-237. Improvements include a new SR-237 bridge over US-101; widening the westbound SR-237 ramp; widening the southbound US-101 ramp to eastbound SR-237; realigning and widening the eastbound SR-237 off-ramp to southbound US-101 as a two-lane diagonal off-ramp; and new auxiliary lanes.	Santa Clara	2036 - 2050	$82	$0	**$82**
		25-T06-071	Interchange Improvements | US-101 | Zanker Rd, Skyport Dr and N. Fourth St	This program includes funding to implement interchange improvements on US-101 at Zanker Rd, Skyport Dr and N. Fourth St. Improvements include a new overcrossing between Zanker Rd and Skyport Dr/N. Fourth St, and on- and off-ramp modifications.	Santa Clara	2036 - 2050	$350	$0	**$350**
		25-T06-072	Interchange Improvements | US-101 | Arata Ln	This program includes funding to implement interchange improvements on US-101 at Arata Ln. Improvements include a new northbound on-ramp.	Sonoma	2036 - 2050	$5	$0	**$5**
		25-T06-073	Interchange Improvements | US-101 | Hearn Ave	This program includes funding to implement interchange improvements on US-101 at Hearn Ave. Improvements include interchange reconstruction, off-ramp widening, and bicycle and/or pedestrian enhancements.	Sonoma	2036 - 2050	$44	$0	**$44**
T7. Expand Freeways and Mitigate impacts									
		25-T07-074	Express Lane Network Project Development | Regional	This program includes funding to support regional and local planning efforts to advance express lane expansion projects in the planning and environmental review phases. Example investments include studies and/or project development for express lane expansion projects, and other corridor studies and analyses throughout the region.	Regional	2025 - 2035	$100	$0	**$100**
		25-T07-075	Express Lane Network Vehicle Miles Traveled (VMT) Mitigation | Regional	This program includes funding for financing VMT mitigation costs for express lane expansion projects.	Regional	2025 - 2035	$500	$0	**$500**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T07-076	Other Freeway Expansion Project Development Reserve | Regional	This program includes funding to support regional and local planning efforts to advance freeway expansion projects (i.e. general-purpose lane, auxiliary lane or HOV lane widenings) in the planning and environmental review phases. Example investments include studies and/or project development for SR-152 New Trade Corridor and SR-239, and other corridor studies and analyses throughout the region.	Regional	Various	$150	$0	**$150**
		25-T07-077	Other Freeway Expansion VMT Mitigation Reserve | Regional	This program includes funding for financing VMT mitigation costs for freeway expansion projects (i.e. general-purpose lane, auxiliary lane or HOV lane widenings).	Regional	Various	$350	$0	**$350**
	I-280								
		25-T07-078	HOV Lane | New Lane | I-280 | Between Magdalena Ave and the San Mateo County Line	This program includes funding to implement HOV lanes through new lanes on I-280 between Magdalena Ave and the San Mateo County line.	Santa Clara	2036 - 2050	$103	$0	**$103**
	I-680								
		25-T07-079	Express Lane | New Lane | I-680 (NB) | Between SR-84 and Alcosta Blvd	This program includes funding to implement express lanes through new lanes on northbound I-680 between SR-84 and Alcosta Blvd.	Alameda	2025 - 2035	$230	$0	**$230**
		25-T07-080	Express Lanes | New Lane | I-680 | Between Calaveras Blvd and Alameda County Line	This program includes funding to implement express lanes through new lanes on northbound and southbound I-680 between Calaveras Blvd and the Alameda County Line.	Santa Clara	2025 - 2035	$79	$0	**$79**
		25-T07-081	Express Lane | HOV Conversion/New Lane | I-680 (NB) | Between Livorna Rd and Arthur Rd	This program includes funding to implement express lanes through a new lane on northbound I-680 between Livorna Rd and SR-242, and an HOV conversion on northbound I-680 between SR-242 and Arthur Rd.	Contra Costa	2025 - 2035	$280	$0	**$280**
	I-880								
		25-T07-082	Auxiliary Lane | New Lane | I-880 | Industrial Parkway Between Alameda Creek and Whipple Rd	This program includes funding to implement auxiliary lanes through new lanes on northbound I-880 between Industrial Pkwy and Alameda Creek, and southbound I-880 between Industrial Pkwy and Whipple Rd.	Alameda	2036 - 2050	$10	$0	**$10**
	SR-17								
		25-T07-083	Auxiliary Lane | New Lane | SR-17 | Between Lark Ave and SR-9 ("SR-17 Corridor Congestion Relief Project")	This program includes funding to implement auxiliary lanes through new lanes on SR-17 in both directions between Lark Ave and SR-9. Improvements include off-ramp modifications, operational enhancements, such as ramp metering and information technology systems (ITS).	Santa Clara	2025 - 2035	$166	$0	**$166**
	SR-37								
		25-T07-084	HOV Lane, Tolling and Express Bus | New Lane | SR-37 | Between SR-121 and Mare Island ("Interim Project")	This program includes funding to implement HOV lanes through new lanes on SR-37 between SR-121 and Mare Island. Improvements include tolling infrastructure and new express bus service.	Marin, Napa, Solano, Sonoma	2025 - 2035	$500	$89	**$589**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
	SR-4								
		25-T07-085	Auxiliary Lane | New Lane | SR-4 (EB) | Between Port Chicago Hwy and Willow Pass Rd	This program includes funding to implement auxiliary lanes through new lanes on eastbound SR-4 between Port Chicago Hwy and Willow Pass Rd. Improvements include a new auxiliary lane between the Port Chicago Hwy on-ramp and Willow Pass Rd off-ramp, a new auxiliary lane between Willow Pass Rd off-ramp and on-ramp, and a new exit lane at San Marcos Blvd off-ramp.	Contra Costa	2025 - 2035	$69	$0	**$69**
	US-101								
		25-T07-086	Express Lanes | New Lane | US-101 | Between I-380 and the San Francisco County Line	This program includes funding to implement express lanes through new lanes on US-101 between I-380 and the San Francisco County line.	San Mateo	2025 - 2035	$460	$0	**$460**
		25-T07-087	Express Lanes | HOV Conversion and New Lane | US-101 | Between SR-237 and South of I-880 ("Phase 5")	This program includes funding to implement express lanes on US-101 between SR-237 and south of I-880. Improvements include new express lanes through HOV conversions between SR-237 and the US-101/I-880 interchange; new express lanes through new lanes between Fair Oaks Ave and US-101/I-880 interchange; new auxiliary lanes through new lanes on US-101 between Great America Pkwy and Lawrence Expwy, and on- and off-ramp modifications.	Santa Clara	2025 - 2035	$254	$0	**$254**
T8. Advance Other Regional Programs and Local Priorities									
		25-T08-088	511 Bay Area Program | Regional	This program includes funding to support the 511 Bay Area Program, which provides multi-modal traveler information.	Regional	Various	$340	$0	**$340**
		25-T08-089	All Electronic Tolling Program | Regional	This program includes funding to support the All Electronic Tolling Program, which converts the seven state-owned toll bridges to Open Road Tolling. Improvements include procurement of a new toll system and overhead gantries, improvements to roadway infrastructure to allow for high-speed tolling, and support of a regional customer service center.	Regional	2025 - 2035	$270	$0	**$270**
		25-T08-090	Carpool/Vanpool Program | Regional	This program includes funding to provide carpool-matching tools and encourage carpool behavior through outreach, education, rewards, incentives and new technology.	Regional	Various	$590	$0	**$590**
		25-T08-091	Motorist Aid Services Program | Regional	The program includes funding to support the Freeway Service Patrol, Call Box programs and other motorist aid activities.	Regional	Various	$510	$0	**$510**
		25-T08-092	Regional Communications and Incident Management Program | Regional	This program includes funding to improve and integrate system infrastructure and operations to manage the region's transportation network. Improvements include the Regional Communication Infrastructure Network, the Incident Management Program, and the Transportation Management Center & Communications.	Regional	Various	$370	$0	**$370**
		25-T08-093	Goods Movement Improvements | Regional	This program includes funding to implement improvements to goods movement throughout the Bay Area. This program generally implements programs that improve freight operations and the freight transportation network. Improvements include new weigh stations and rest areas and improvements to existing freight terminals and freight rail.	Regional	Various	$1,500	$0	**$1,500**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T08-094	Technology Improvements | Regional	This program includes funding to implement technology improvements on the Bay Area's transportation systems. This program generally implements county, transit agency and other local management systems' travel demand management and emissions reduction technologies programs and initiatives. Improvements include incident management; signal coordination; Intelligent Transportation Systems; Traffic Operations Systems/Congestion Management Systems; ramp metering; Computer-Aided Dispatch/Automatic Vehicle Location; fare media; construction or renovation of power, signal and communications systems; toll management systems; toll media; car and bike share; alternative fuel vehicles and facilities; parking programs; carpool/vanpool; ridesharing activities; information, marketing and outreach; and traveler information.	Regional	Various	$1,000	$0	**$1,000**
		25-T08-095	Other Locally Identified Improvements | Regional	This program includes funding to implement transportation priorities identified by the Bay Area's Equity Priority Communities. Improvements could include lighting and safety measures; improvements to transit stations and stops; active transportation infrastructure; and subsidies for shared mobility, like bike share or car share.	Regional	Various	$1,000	$0	**$1,000**
		25-T08-096	Planning/Program | Regional	This program includes funding to support regional and local planning programs and initiatives to support implementation of Plan Bay Area 2050+. Investments include planning, research, technical assistance and program implementation. Example regional projects include support for Priority Development Area (PDA) planning and implementation.	Regional	Various	$1,000	$0	**$1,000**
		25-T08-097	Reserve for Capital Projects | Regional	This program includes funding for financing costs of major capital projects and a funding reserve for projects with cost overruns.	Regional	Various	$2,000	$0	**$2,000**
		25-T08-098	Minor Roadway Improvements | Regional	This program includes funding to implement roadway improvements. This program generally implements projects exempt from regional air quality conformity, but it does include non-exempt local roadway widening or extensions. Improvements include local road extensions or new lanes, and intersection improvements such as channelization and signalization.	Regional	Various	$2,304	$0	**$2,304**
Principal Arterial Improvements									
		25-T08-099	Other Principal Arterial Improvements VMT Mitigation Reserve | Regional	This program includes funding for financing VMT mitigation costs for principal arterial improvement projects.	Regional	Various	$400	$0	**$400**
		25-T08-100	Roadway Widening | Tassajara Rd | Between N Dublin Ranch Dr and Quarry Ln School/Rutherford Dr	This program includes funding to implement roadway widening on Tassajara Rd between N Dublin Ranch Dr and Quarry Ln School/Rutherford Dr. Improvements include widening the existing roadway from two to four lanes and new bicycle and/or pedestrian facilities.	Alameda	2025 – 2035	$14	$0	**$14**
		25-T08-101	Roadway Extension | El Charro Rd | Between Stoneridge Dr and Stanley Blvd	This program includes funding to implement a roadway extension on El Charro Rd between Stoneridge Dr and Stanley Blvd.	Alameda	2036 – 2050	$171	$0	**$171**
		25-T08-102	Roadway Improvements | Grand Ave | Between MacArthur Blvd and Mandela Pkwy	This program includes funding to implement roadway improvements on Grand Ave between MacArthur Blvd and Mandela Pkwy. Improvements include transit priority infrastructure, a road diet, and new bicycle and/or pedestrian facilities.	Alameda	2036 – 2050	$20	$0	**$20**
		25-T08-103	Roadway Widening | Auto Mall Pkwy | Between Fremont Blvd and I-680	This program includes funding to implement roadway widening on Auto Mall Pkwy between Fremont Blvd and I-680. Improvements include widening the existing roadway from four to six lanes.	Alameda	2036 – 2050	$40	$0	**$40**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T08-104	Roadway Widening | Brentwood Blvd, Phase 1 | Between Homecoming Wy and Lone Tree Wy	This program includes funding to implement roadway widening on Brentwood Blvd between Homecoming Wy and Lone Tree Wy. Improvements include widening the existing roadway from two to four lanes, and bicycle and/or pedestrian enhancements.	Contra Costa	2025 - 2035	$10	$0	**$10**
		25-T08-105	Roadway Widening | Brentwood Blvd, Phase 2 | Between Havenwood Ave and Homecoming Wy	This program includes funding to implement roadway widening on Brentwood Blvd between Havenwood Ave and Homecoming Wy. Improvements include widening the existing roadway from two to four lanes; a new parallel bridge over Marsh Creek; bicycle and/or pedestrian enhancements; and other roadway improvements, such as traffic signal modifications.	Contra Costa	2025 – 2035	$9	$0	**$9**
		25-T08-106	Roadway Widening | Crow Canyon Rd | Between Alcosta Blvd and Indian Rice Rd	This program includes funding to implement roadway widening on Crow Canyon Rd between Alcosta Blvd and Indian Rice Rd. Improvements include widening the existing roadway from four to six lanes, and bicycle and/or pedestrian enhancements.	Contra Costa	2025 – 2035	$31	$0	**$31**
		25-T08-107	Roadway Widening | Lone Tree Wy | Between O'Hara Ave and Brentwood Blvd	This program includes funding to implement roadway widening on Lone Tree Wy between O'Hara Ave and Brentwood Blvd. Improvements include widening the existing roadway from two to four lanes.	Contra Costa	2036 - 2050	$18	$0	**$18**
		25-T08-108	Roadway Extension | New Connector Road | Between Byron Hwy and Vasco Rd	This program includes funding to implement a new connector road between Byron Hwy and Vasco Rd. Improvements include a new two-lane road and bicycle and/or pedestrian improvements.	Contra Costa	2036 – 2050	$169	$0	**$169**
		25-T08-109	Roadway Widening | Camino Tassajara Rd | Between Windemere Pkwy and the Alameda County Line	This program includes funding to implement roadway widening on Camino Tassajara Rd between Windemere Pkwy and the Alameda County Line. Improvements include widening the existing roadway from two to four lanes, and bicycle and/or pedestrian enhancements.	Contra Costa	2036 – 2050	$52	$0	**$52**
		25-T08-110	Roadway Widening | Pittsburg-Antioch Hwy | Between Auto Center Dr and Loveridge Rd	This program includes funding to implement roadway widening on Pittsburg-Antioch Hwy between Auto Center Dr and Loveridge Rd. Improvements include widening the existing roadway from two to four lanes, and new turning lanes.	Contra Costa	2036 – 2050	$56	$0	**$56**
		25-T08-111	Roadway Extension | West Leland Rd, Phase 1b | Between Santa Teresa Dr and the Concord City Limits	This program includes funding to implement a roadway extension on West Leland Rd between Santa Teresa Dr and Concord City Limits. Improvements include extending the four-lane roadway and bicycle and/or pedestrian enhancements.	Contra Costa	2036-2050	$40	$0	**$40**
		25-T08-112	Roadway Extension | West Leland Rd, Phase 2 | Between the Pittsburg City Limits and Willow Pass Rd	This program includes funding to implement a roadway extension on West Leland Rd between Pittsburg City Limits and Willow Pass Rd. Improvements include extending the four-lane roadway and bicycle and/or pedestrian enhancements.	Contra Costa	2036-2050	$50	$0	**$50**
		25-T08-113	Roadway Widening | Willow Pass Rd | Between Enterprise Circle and North Parkside Dr	This program includes funding to implement a roadway extension on Caufield Ln between Bautista Wy and Crystal Ln/Petaluma Blvd S. Improvements include widening the existing roadway from two to four lanes, and bicycle and/or pedestrian enhancements.	Contra Costa	2036-2050	$50	$0	**$50**
		25-T08-114	Roadway Widening | Willow Pass Rd | Between Lynwood Dr and SR-4	This program includes funding to implement roadway widening on Willow Pass Rd between Lynwood Dr and SR-4. Improvements include widening the existing roadway from two to four lanes, and bicycle and/or pedestrian enhancements.	Contra Costa	2036-2050	$23	$0	**$23**
		25-T08-115	Roadway Improvements | SR-29 | SR-12/SR-121	This program includes funding to implement roadway improvements on SR-29 at SR-12/SR-121.	Napa	2025 – 2035	$12	$0	**$12**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T08-116	Roadway Improvements | Soscol Ave | Between Magnolia Dr and Silverado Trl (SR-121)/3rd St/East Ave/Coombsville Rd	This program includes funding to implement roadway improvements on Soscol Ave between Magnolia Dr and Silverado Trl (SR-121)/3rd St/East Ave/Coombsville Rd. Improvements include operational and bicycle and/or pedestrian enhancements.	Napa	2036-2050	$23	$0	**$23**
		25-T08-117	Roadway Improvements | SR-29 | Airport Blvd	This program includes funding to implement roadway improvements on SR-29 at Airport Blvd. Improvements include reconstructing the intersection to a grade-separated, double roundabout "dogbone" interchange.	Napa	2036-2050	$140	$0	**$140**
		25-T08-118	Roadway Improvements | SR-29 | Between Napa Junction Rd and American Canyon Rd	This program includes funding to implement roadway improvements on SR-29 between Napa Junction Rd and American Canyon Rd. Improvements include intersection improvements, and operational and multimodal enhancements.	Napa	2036-2050	$70	$0	**$70**
		25-T08-119	Roadway Improvements | Montague Expwy | McCarthy Blvd/O'Toole Ave	This program includes funding to implement roadway improvements on Montague Expwy at McCarthy Blvd/O'Toole Ave. Improvements include grade separations.	Santa Clara	2025 – 2035	$150	$0	**$150**
		25-T08-120	Roadway Widening | Calaveras Blvd | Between Abel St and Milpitas Blvd	This program includes funding to implement roadway widening on Calaveras Blvd at Union Pacific RR. Improvements include widening the Calaveras Blvd (SR-237) overpass at the Union Pacific RR tracks from four to six lanes between Abel St and Town Center Blvd.	Santa Clara	2025 – 2035	$87	$0	**$87**
		25-T08-121	Roadway Widening | Montague Expwy | Between Great Mall and McCarthy Blvd/O'Toole Ave	This program includes funding to implement roadway widening on Montague Expwy between Great Mall and McCarthy Blvd/O'Toole Ave. Improvements include widening the existing roadway from six to eight lanes, and new HOV lanes between Trade Zone Blvd and Great Mall Blvd.	Santa Clara	2025 – 2035	$19	$0	**$19**
		25-T08-122	Roadway Widening | Brokaw Bridge | Coyote Creek	This program includes funding to implement roadway widening on Brokaw Bridge at Coyote Creek. Improvements include widening the north side of the bridge to add a westbound lane on Brokaw Rd.	Santa Clara	2036 – 2050	$29	$0	**$29**
		25-T08-123	Roadway Widening | Oakland Rd | Between US-101 and Montague Expwy	This program includes funding to implement roadway widening on Oakland Rd between US-101 and Montague Expwy. Improvements include widening the existing roadway from four to six lanes and operational enhancements.	Santa Clara	2036 – 2050	$25	$0	**$25**
		25-T08-124	Roadway Improvements | Almaden Expwy | Branham Ln ("Envision Expressway, Tier 1")	This program includes funding to implement roadway improvements on Almaden Expwy at Branham Ln. Improvements include extending the existing southbound lane to Branham Ln.	Santa Clara	2036-2050	$2	$0	**$2**
		25-T08-125	Roadway Improvements | Almaden Expwy | SR-85 ("Envision Expressway, Tier 1")	This program includes funding to implement roadway improvements on SR-85 at Almaden Expwy.	Santa Clara	2036-2050	$1	$0	**$1**
		25-T08-126	Roadway Improvements | Foothill Expwy | Between I-280 and Homestead Rd ("Envision Expressway, Tier 1")	This program includes funding to implement interchange improvements at Foothill Expwy between I-280 and Homestead Rd. Improvements include extending Stevens Creek Trail, new auxiliary lanes, and operational improvements.	Santa Clara	2036-2050	$13	$0	**$13**
		25-T08-127	Roadway Improvements | Lawrence Expwy | Homestead Rd ("Envision Expressway, Tier 1")	This program includes funding to implement roadway improvements on Lawrence Expwy at Homestead Rd.	Santa Clara	2036-2050	$7	$0	**$7**
		25-T08-128	Roadway Improvements | Oregon-Page Mill Rd | I-280 ("Envision Expressway, Tier 1")	This program includes funding to implement interchange improvements on Oregon-Page Mill Rd at I-280. Improvements include interchange improvements and bicycle and/or pedestrian enhancements.	Santa Clara	2036-2050	$40	$0	**$40**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T08-129	Roadway Improvements | San Tomas Expwy | SR-17 ("Envision Expressway, Tier 1")	This program includes funding to implement roadway improvements on San Tomas Expwy at SR-17. Improvements include operational enhancements, such as signalized ramps and lane reconfigurations, on the northbound off-ramp.	Santa Clara	2036-2050	$4	$0	**$4**
		25-T08-130	Roadway Widening | Capitol Expwy | Between I-680 and Capitol Ave ("Envision Expressway, Tier 1")	This program includes funding to implement roadway widening and interchange modification on Capital Expwy between I-680 and Capitol Ave. Improvements include widening the existing roadway from six to eight lanes, interchange improvements, and bicycle and/or pedestrian enhancements.	Santa Clara	2036-2050	$26	$0	**$26**
		25-T08-131	Roadway Widening | Oregon-Page Mill Rd |Between I-280 and Foothill Expwy ("Envision Expressway, Tier 1")	This program includes funding to implement roadway widening and trail extension on Oregon-Page Mill Expwy between I-280 and Foothill Expwy. Improvements include widening the existing roadway from four to six lanes with a possible HOV lane, intersection improvements, and bicycle and/or pedestrian enhancements.	Santa Clara	2036-2050	$49	$0	**$49**
		25-T08-132	Roadway Widening | San Tomas Expwy | Between Homestead Rd and Stevens Creek ("Envision Expressway, Tier 1")	This program includes funding to implement roadway widening and trail extension at San Tomas Expwy between Homestead Rd and Stevens Creek. Improvements include widening the existing roadway from 6 to 8 lanes, extending San Tomas Aquino Spur Trails, and pedestrian enhancements.	Santa Clara	2036-2050	$101	$0	**$101**
		25-T08-133	Roadway Widening | Santa Teresa-Hale Corridor | Between Long Meadow Dr and Fitzgerald Ave ("Envision Expressway, Tier 1")	This program includes funding to implement roadway widening and trail extension on Santa Teresa Blvd between Long Meadow and Fitzgerald. Improvements include widening the existing roadway from two to four lanes.	Santa Clara	2036-2050	$20	$0	**$20**
		25-T08-134	Roadway Widening | Jepson Pkwy-Leisure Town Rd, Phase 1B, 1C | Between Elmira Rd and Horse Creek Bridge	This program includes funding to implement roadway widening on Jepson Pkwy-Leisure Town Rd between Elmira Rd and Sequoia Dr. Improvements include widening the existing roadway from two to four lanes between Elmira Rd and Sequoia Dr and between Sequoia Dr and Horse Creek Bridge; and safety and bicycle and/or pedestrian enhancements.	Solano	2025 – 2035	$24	$0	**$24**
		25-T08-135	Roadway Extension | Jepson Pkwy-Walters Rd | Between Cement Hill Rd and Air Base Pkwy	This program includes funding to implement a roadway extension on Walters Rd to Huntington Dr and roadway widening on Cement Hill Rd between the Walters Rd extension and Peabody Rd. Improvements include widening the existing Cement Hill Rd from two to four lanes, and bicycle and/or pedestrian enhancements.	Solano	2025-2035	$13	$0	**$13**
		25-T08-136	Roadway Widening | Jepson Pkwy-Vanden Rd, Phase 2B, 2C | Between Canon Rd and Vacaville City Limits	This program includes funding to implement roadway widening on Vanden Road between Canon Rd and the Fairfield/Vacaville city limit. Improvements include widening Vanden Rd from two to four lanes.	Solano	2036 – 2050	$45	$0	**$45**
		25-T08-137	Roadway Widening | Peabody Rd | Between Vacaville and Fairfield	This program includes funding to implement roadway widening on Peabody Rd between Vacaville and Fairfield. Improvements include widening the existing roadway to two lanes in each direction, and bicycle and/or pedestrian enhancements.	Solano	2036 – 2050	$6	$0	**$6**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
T9. Build a Complete Streets Network									
		25-T09-138	Complete Streets Network | Regional	This program includes funding to implement a regional Complete Streets network with an emphasis on improvements near transit and in Equity Priority Communities. It also includes funding to implement county and local initiatives to build over 10,000 miles of All Ages and Abilities Complete Streets and paths, including the Active Transportation (AT) Network. Investments include new and extended bike and pedestrian facilities; minor bicycle and/or pedestrian facility gap closures; minor road diets (less than 1/4-mile); ADA compliance; landscaping; lighting; streetscape improvements; secure bike parking at transit stations; and support to local jurisdictions to maintain and expand car-free slow streets.	Regional	Various	$9,400	$0	**$9,400**
T10. Advance Regional Vision Zero Policy through Street Design and Reduce Speeds									
		25-T10-139	Speed Limit Reductions Initiatives | Regional	This program includes funding to implement and advance a regional Vision Zero policy, which includes implementation of slower highways and streets through street design and automated enforcement, especially in the High Injury Network. Improvements include railroad/highway crossing improvements; warning devices; shoulder improvements; traffic control devices other than signalization; guardrails, median barriers and crash cushions; pavement marking; fencing; skid treatments; lighting improvements; widening narrow pavements with no added capacity; changes in vertical and horizontal alignment; transit safety, communications and surveillance systems; truck climbing lanes outside urban areas; and emergency truck pullovers.	Regional	2025 - 2035	$1,400	$0	**$1,400**
T11. Enhance Transit Frequency, Capacity and Reliability									
		25-T11-140	Other Investments in Transit Stations, Centers, and Stops | Regional	This program includes funding to implement programmatic investments to enhance, modernize, and/or expand existing transit stations, centers, and stops, including park-and-ride facilities and mobility hubs. This program generally implements county, transit agency, and other local programs and initiatives to improve or expand multi-modal connectivity at and access to rail, ferry, and bus stations and stops to increase transit ridership and mobility options. Improvements include rail station modernization, reconstruction, and/or expansion; bus transit center modernization, reconstruction, and/or expansion; ferry terminal reconstruction, modernization, and/or expansion; development and implementation of mobility hubs; and expansion and/or modernization of park-and-ride facilities. Example investments include the Redwood City Transit Center, Brentwood Intermodal Station, Antioch Park and Ride Expansion and Shared Mobility Hub, and Solano Rail Hub.	Regional	Various	$1,000	$0	**$1,000**
		25-T11-141	Other Investments to Enhance Transit Reliability, Frequency, and Capacity | Regional	This program includes funding to implement programmatic investments to enhance transit frequency, capacity and reliability. This program generally implements county, transit agency, and other local programs and initiatives to make bus and rail travel faster and more reliable. Improvements include transit priority treatments at intersections or along discrete segments of a corridor; frequency improvements, including any necessary fleet expansion; and implementation of service coordination plans.	Regional	Various	$500	$100	**$600**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T11-142	Other Investments to Enhance and Modernize Transit Facilities | Regional	This program includes funding to implement improvements that enhance, expand, and/or modernize rail, bus, and ferry transit facilities used for operations and maintenance. This program generally implements county, transit agency and other local programs and initiatives to improve the reliability, safety, efficiency, and effectiveness of transit operations and maintenance facilities and equipment. Example investments include enhancements to tracks and structures; train control; traction power; modernization, expansion, and/or enhancements to transit operations and maintenance facilities.	Regional	Various	$1,400	$0	**$1,400**
	Bus								
		25-T11-143	Rapid Bus | Modernization | AC Transit | E 14th St/Mission St/Fremont Blvd Between San Leandro and Warm Springs	This program includes funding to implement improvements to existing bus service along E 14th St/Mission St/Fremont Blvd between San Leandro and Fremont, including dedicated lanes, mobility hubs at BART stations, and frequency upgrades (10-20 minute peak headways on routes 10 and 99).	Alameda	2036 - 2050	$546	$234	**$780**
		25-T11-144	Rapid Bus | Service Expansion | AC Transit | Alameda Point	This program includes funding to implement new bus service between Alameda (Seaplane Lagoon) and Oakland (Fruitvale BART) (20 minute peak headways), and in Alameda between Harbor Bay Ferry Terminal and Alameda Main Street Ferry Terminal (20 minute peak headways).	Alameda	2036 - 2050	$0	$98	**$98**
		25-T11-145	Rapid Bus | Modernization | AC Transit	This program includes funding to implement improvements to existing bus service in Alameda County. Improvements include dedicated lanes, new/improved transit signal priority (including on-street and on-bus equipment), queue jumps, improved stop infrastructure, and frequency upgrades (5-12 minute peak headways on routes 6, 18, 20, 21, 40, 57, 97 and NL).	Alameda	Various	$340	$1,621	**$1,962**
		25-T11-146	Local Bus | Service Frequency Upgrades | AC Transit | Systemwide	This program includes funding to implement improvements to existing bus service in Alameda County and Contra Costa County. Improvements include route extensions, new local/rapid service, and frequency upgrades (5-10 minute peak headways on routes 72/72M/72R, 18, 51A, 51B, 6, 20, 21, 57, 40, 97, 99, Tempo BRT, NL, F-Local, and F-Transbay).	Alameda, Contra Costa	2025 - 2035	$295	$2,700	**$2,995**
		25-T11-147	Rapid Bus | Modernization | AC Transit | San Pablo Ave	This program includes funding to implement improvements to existing bus service along San Pablo Ave between Oakland and Richmond. Improvements include dedicated lanes, improved stop infrastructure, merging of local/rapid stops, and frequency upgrades (5 minute peak headways on route 72).	Alameda, Contra Costa	2025 - 2035	$396	$730	**$1,125**
		25-T11-148	Express Bus | Service Expansion | I-680 | Between Martinez and San Jose	This program includes funding to implement new express bus service along I-680 between Martinez and San Jose, including part-time transit lanes, and bus-on-shoulder, and park-and-ride facilities (20 minute peak headways).	Alameda, Contra Costa, Santa Clara	2036 - 2050	$186	$179	**$365**
		25-T11-149	Express Bus | Service Expansion | Dumbarton Bridge | Between Union City and Redwood City	This program includes funding to implement new express bus service between Union City and Redwood City (30 minute peak headways), including a new busway along the Dumbarton rail right of way between Menlo Park and Redwood City; and improvements to existing express bus service between Union City and Palo Alto, including frequency upgrades (30 minute peak headways on route DB).	Alameda, San Mateo	2025 - 2035	$449	$157	**$606**
		25-T11-150	Local Bus | Service Frequency Upgrades | County Connection	This program includes funding to implement improvements to existing bus service in Contra Costa County. Improvements include frequency upgrades (15-30 minute peak headways on routes 10, 11, 14, 16, and 20).	Contra Costa	2025 - 2035	$0	$322	**$322**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T11-151	Rapid Bus | Modernization | AC Transit | 23rd St	This program includes funding to implement new bus rapid transit service along 23rd St between Richmond and Hercules, including dedicated lanes, transit signal priority, queue jumps, improved stop infrastructure, and new rolling stock (10 minute peak headways).	Contra Costa	2036 - 2050	$57	$95	**$152**
		25-T11-152	Rapid Bus | Service Expansion | Contra Costa Co | Between Antioch and Brentwood	This program includes funding to implement new bus service along SR-4 between Antioch and Brentwood, including dedicated lanes and park-and-ride facilities (20 minute peak headways).	Contra Costa	2036 - 2050	$220	$46	**$265**
		25-T11-153	Express Bus | Modernization | US-101	This program includes funding to implement improvements to express bus service along US-101 between Novato and San Rafael. Improvements include bus-on-shoulder facilities.	Marin	2025 - 2035	$9	$0	**$9**
		25-T11-154	Ferry and Express Bus | Service Expansion | GGT	This program includes funding to implement new ferry service between Larkspur and San Francisco (Mission Bay) (30 minute peak headways); new express bus service from Greenbrae and Petaluma to San Francisco and between San Rafael and El Cerrito (30-40 minute peak headways); improvements to existing ferry service between Larkspur and San Francisco (Ferry Building), including frequency upgrades (20 minute peak headways); and improvements to existing express bus service along US-101 and I-580, including frequency upgrades (20-30 minute peak headways on routes 101, 114, 132, 154, and 580). Bus service improvements within Marin County may be refined or modified pending the outcomes of the Marin Sonoma Coordinated Transit Service Plan, including transit service operator.	Marin, San Francisco	2036 - 2050	$186	$805	**$991**
		25-T11-155	Local Bus | Service Frequency Upgrades | NVTA	This program includes funding to implement improvements to existing bus service in Napa and Solano Counties. Improvements include expanded service hours and frequency upgrades (30 minute peak headways on routes 10 and 11).	Napa, Solano	2025 - 2035	$2	$72	**$75**
		25-T11-156	Express Bus | Service Expansion | NVTA	This program includes funding to implement improvements to existing express bus service in Napa, Solano, and Contra Costa Counties. Improvements include bus-on-shoulder facilities and expanded service hours.	Napa, Solano, Contra Costa	2025 - 2035	$12	$35	**$47**
		25-T11-157	Express Bus | Service Expansion | SamTrans | US-101 and I-280 | Between San Mateo and San Francisco; Between San Bruno and Sunnyvale	This program includes funding to implement new express bus service along US-101 and I-280 from Foster City, San Mateo, and Burlingame to Downtown San Francisco; from San Mateo and Palo Alto to Western San Francisco; and from San Bruno to Sunnyvale; including park-and-ride facilities, ramp improvements, and bus stop improvements (20 minute peak headways).	Regional	2036 - 2050	$131	$168	**$299**
		25-T11-158	Local Bus | Service Frequency Upgrades | Priority Development Areas	This program includes funding to implement improvements to existing bus service in Priority Development Areas (PDAs) without existing high-frequency rail, ferry or bus service. Improvements include frequency upgrades (30 minute peak headways) and reorganization and/or expansion of bus routes.	Regional	Various	$0	$313	**$313**
		25-T11-159	Local Bus | Service Frequency Upgrades | SFMTA | Systemwide ("Muni Forward")	This program includes funding to implement improvements to existing bus and light rail service in San Francisco. Improvements include transit priority infrastructure; transit signal priority; transfer and terminal investments; multimodal safety improvements; route realignments; and frequency upgrades (5-8 minute peak headways on routes 1, 5R, 7, 8, 9R, 28R, 29, 30, 38R, 49, M, N, T, and S).	San Francisco	2025 - 2035	$616	$1,414	**$2,031**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T11-160	Local Bus | Service Expansion | SFMTA | Southeast San Francisco	This program includes funding to implement transportation improvements in San Francisco (Candlestick/Hunters Point Shipyard), including new express bus service between Candlestick/Hunters Point Shipyard and Downtown San Francisco (6-20 minute peak headways); multimodal corridors of streets, transit facilities, pedestrian paths and dedicated bicycle lanes; and improvements to existing bus service, including route changes and frequency upgrades (5-15 minute peak headways on routes 23, 24, 29, 44, and 48).	San Francisco	2036 - 2050	$339	$305	**$644**
		25-T11-161	Rapid Bus | Modernization | SFMTA | Geneva Ave/Harney Wy	This program includes funding to implement improvements to existing bus service along Geneva Avenue/Harney Way in San Francisco. Improvements include dedicated lanes, transit signal priority, improved stop infrastructure, and frequency upgrades (5-7.5 minute peak headways on routes 29, 44, and HPX).	San Francisco	2036 - 2050	$99	$0	**$99**
		25-T11-162	Express Bus | Service Expansion | San Mateo Bridge	This program includes funding to implement new express bus service between Dublin/Pleasanton and San Mateo, including increased HOV capacity/prioritization at the San Mateo-Hayward Bridge toll plaza, transit priority spot treatments, and three bicycle/pedestrian bridges.	San Mateo	2036 - 2050	$223	$75	**$298**
		25-T11-163	Rapid Bus | Modernization | SamTrans | El Camino Real	This program includes funding to implement improvements to existing bus service along El Camino Real between Daly City and the San Mateo/Santa Clara County line. Improvements include dedicated lanes (45% of route), transit priority infrastructure, transit signal priority, and frequency (7.5 minute peak headways on route ECR).	San Mateo	2036 - 2050	$427	$116	**$543**
		25-T11-164	Express Bus | Modernization | VTA | SR-85	This program includes funding to implement improvements to express bus service along SR-85 between Mountain View and San Jose. Improvements include dedicated transit lanes and four stations.	Santa Clara	2036 - 2050	$335	$0	**$335**
		25-T11-165	Rapid Bus | Modernization | VTA | El Camino Real	This program includes funding to implement improvements to existing bus service along El Camino Real between Palo Alto and San Jose. Improvements include dedicated lanes, transit signal priority, improved stop infrastructure, and new rolling stock.	Santa Clara	2036 - 2050	$15	$0	**$15**
		25-T11-166	Local Bus | Service Frequency Upgrades | VTA | Systemwide ("Visionary Network")	This program includes funding to implement new bus service in Santa Clara County (15-30 minute peak headways); and improvements to existing bus and light rail service in Santa Clara County, including dedicated lanes, expanded service hours, and frequency upgrades (10-30 minute peak headways on routes 22, 23, 25, 26, 27, 31, 37, 39, 40, 42, 44, 47, 53, 55, 56, 57, 59, 60, 61, 64A/64B, 66, 68, 70, 71, 72, 73, 77, 83, 84, 85, 86, 87, 89, 500, 522, 523, 568, Blue, Green, and Orange).	Santa Clara	Various	$1,066	$4,185	**$5,251**
		25-T11-167	Express Bus | Service Expansion | SolTrans	This program includes funding to implement improvements to existing express bus service in Solano County. Improvements include new stops and frequency upgrades (15-60 minute peak headways on routes Red, Blue, Green, Yellow, and 82).	Solano	2025 - 2035	$33	$380	**$413**
		25-T11-168	Local Bus | Service Frequency Upgrades | Santa Rosa City Bus, Sonoma County Transit and Petaluma Transit | Sonoma County	This program includes funding to implement new bus rapid transit service in Santa Rosa and Petaluma (10 minute peak headways); and improvements to existing bus service in Sonoma County, including frequency upgrades (15 minute peak headways on Santa Rosa City Bus routes 1, 2/2B, 3, 4/4B, 5, 6, 8, 9 and 12; 30-60 minute peak headways on Sonoma County Transit routes 10, 12, 14, 20, 24, 26, 28, 32, 42, 44, 48, 60, 62, 67, 68; and 10-15 minute peak headways on Petaluma Transit routes 2, 3, 10, and 33.)	Sonoma	2025 - 2035	$86	$594	**$681**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
Ferry									
		25-T11-169	Ferry | Service Expansion | WETA | Berkeley-San Francisco	This program includes funding to implement new ferry service between San Francisco (Ferry Building) and Berkeley, including a new terminal in Berkeley (30 minute peak headways).	Alameda, San Francisco	2025 - 2035	$124	$167	**$291**
		25-T11-170	Ferry | Service Frequency Upgrades | WETA	This program includes funding to implement improvements to existing ferry service from San Francisco (Ferry Building) to Oakland, Alameda (Main Street), Alameda (Harbor Bay), Alameda (Seaplane Lagoon), Vallejo, Richmond, and South San Francisco. Improvements include ZEV conversion and frequency upgrades (20-30 minute peak headways).	Regional	2025 - 2035	$192	$678	**$869**
Rail									
		25-T11-171	Rail | Service Expansion | Capitol Corridor | to Coast Subdivision ("South Bay Connect")	This program includes funding to implement improvements to existing Capitol Corridor rail service between Oakland and Newark. Improvements include relocation of rail service between Oakland Coliseum and Newark from the Niles Subdivision to the Coast Subdivision, one new rail station, one new in-line intermodal bus facility, and enhanced park-and-ride facilities.	Alameda	2025 - 2035	$399	$0	**$399**
		25-T11-172	Rail | Service Expansion | BART | Irvington Station	This program includes funding to implement a new BART infill rail station in Fremont (Irvington). Improvements include park-and-ride facilities and changes to existing AC Transit bus service (routes 212 and 215 replaced by flex service; frequency upgrade to 20 minute headways on route 210).	Alameda	2036 - 2050	$366	$0	**$366**
		25-T11-173	Rail | Service Expansion | Capitol Corridor | Hercules Station ("Hercules Hub")	This program includes funding to implement a new Capitol Corridor infill rail station in Hercules, including bus connections and roadway and trail extensions.	Contra Costa	2025 - 2035	$116	$0	**$116**
		25-T11-174	Rail | Service Frequency Upgrades | BART | System ("Core Capacity")	This program includes funding to implement improvements to existing BART rail service. Improvements include frequency upgrades (12 minute peak headways on all lines).	Regional	2025 - 2035	$4,419	$2,706	**$7,125**
		25-T11-175	Grade Separations and Modernization | Regional	This program includes funding to implement grade separation improvements along passenger rail corridors throughout the region, including the Caltrain/High-Speed Rail Corridor. Improvements include grade separations funded by Santa Clara County's Measure B and San Mateo County's Measure A, as well as future grade separations and other modernization improvements within the Bay Area's urban core that serve the dual purpose of connecting High Speed Rail to the Bay Area and improving the Caltrain system.	Regional	Various	$5,900	$0	**$5,900**
		25-T11-176	Rail | Service Frequency Upgrades | Caltrain | Systemwide	This program includes funding to implement improvements to existing Caltrain rail service between San Francisco and San Jose. Improvements include frequency upgrades (8 trains per hour per direction in peak).	Regional	Various	$1,813	$1,019	**$2,832**
		25-T11-177	Rail | Service Expansion | Caltrain | Bayview Station	This program includes funding to implement a new Caltrain infill rail station in San Francisco (Bayview), with the station location to be determined through an ongoing location study.	San Francisco	2025 - 2035	$95	$0	**$95**
		25-T11-178	Light Rail | Modernization | Muni Metro	This program includes funding to implement improvements to existing Muni light rail service in San Francisco. Improvements include reliability improvements in the Market Street Subway; removal of stop signs and signalization at intersections; transit signal priority; routing changes; and frequency upgrades (6 minute peak headways on routes K/L, M, N, and S).	San Francisco	2036 - 2050	$935	$571	**$1,505**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
		25-T11-179	Light Rail | Service Expansion | VTA | Eastridge	This program includes funding to extend VTA's existing Orange Line service from Alum Rock Station to the Eastridge Transit Center. Improvements include two new stations and elevated structures.	Santa Clara	2025 - 2035	$653	$0	**$653**
		25-T11-180	Rail | Service Expansion | ACE | System	This program includes funding to implement new ACE intercity rail service between Merced and San Jose (1 daily round trip) and from Chico and Merced to Union City (3 daily round trips), including a new station in Union City.	Santa Clara	Various	$346	$188	**$534**
T12. Expand Transit Services Throughout the Region									
		25-T12-181	Transit Studies and Project Development | Regional	This program includes funding to complete transit studies that will identify service and/or capital improvements that address current and future transit customer needs and improve transit customer experience, as well as increase transit ridership. It also includes funding to advance study recommendations by funding project development activities, including alternatives and/or business case analyses; design, technical, and planning analyses; and initiating environmental analyses and review. Example investments include studies and/or project development for Diridon Station, Geary/19th Ave Subway, Central Subway Extension, San Jose Airport Connector, SMART to Cloverdale, SMART to Suisun City, WETA Redwood City Ferry, Link21, Caltrain/High Speed Rail corridor electrification south of Tamien station, and other transit service and operational studies and analyses throughout the region.	Regional	Various	$900	$0	**$900**
	Rail								
		25-T12-182	Rail | Service Expansion | Between San Joaquin County and Dublin/Pleasanton ("Valley Link")	This program includes funding to implement new rail service between San Joaquin County (Mountain House) and Dublin/Pleasanton, including three new stations in Alameda County and four-car trains (12 minute peak headways).	Alameda	2036 - 2050	$2,375	$679	**$3,054**
		25-T12-183	Rail | Service Expansion | Caltrain/High Speed Rail | Downtown San Francisco ("Portal")	This program includes funding to extend Caltrain rail service in San Francisco between 4th St/Townsend St and the Salesforce Transit Center. Improvements include two new stations.	San Francisco	2036 - 2050	$8,198	$679	**$8,877**
		25-T12-184	Rail | Service Expansion | BART | Santa Clara ("Silicon Valley Phase II")	This program includes funding to extend BART's Green Line and Orange Line rail services between San Jose (Berryessa) and Santa Clara. Improvements include four new stations and park-and-ride facilities.	Santa Clara	2036 - 2050	$12,200	$1,257	**$13,457**
		25-T12-185	Rail | Service Expansion | SMART | Between Windsor and Healdsburg	This program includes funding to extend SMART rail service between Windsor and Healdsburg. Improvements include one new station in Healdsburg.	Sonoma	2025 - 2035	$175	$84	**$258**
EN1. Adapt to Sea Level Rise									
		25-EN1-186	Sea Level Rise Adaptation Infrastructure | Regional	This program includes funding to implement adaptation infrastructure in locations that are forecasted to be permanently inundated with two feet of sea level rise by 2050, providing protection from king tides and storms. This program includes actions such as the elevation of critical infrastructure and implementation of ecotone levees, traditional levees, sea walls, and marsh restoration and adaptation.	Regional	Various	$1,000	$0	**$1,000**

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Strategy	Route/ Facility	RTPID	Title	Scope	Location	Opening Period	Capital Cost (YOE, $millions)	Operating Cost (YOE, $millions)	Total Cost (YOE, $millions)
EN8. Expand Clean Vehicle Initiatives									
		25-EN8-187	Clean Vehicle Initiatives | Regional	This program includes funding to support the adoption and use of clean vehicles, which include electric vehicles (EVs) and electric mobility (e-mobility), through incentives and deployment of charging infrastructure in partnership with County Transportation Agencies, the Air District and the State. These investments would expand existing strategies in MTC's Climate Initiatives Program, which include investing in expanded EV charging infrastructure and a vehicle buyback initiative.	Regional	Various	$8,000	$0	**$8,000**
EN9. Expand Transportation Demand Management Initiatives									
		25-EN9-188	Transportation Demand Management Initiatives | Regional	This program includes funding to support transportation demand management programs through MTC's Climate Initiatives Program, including a wide range of programs that discourage single-occupancy vehicle trips and support active and shared travel modes. Programs include the Bay Area Commuter Benefits Program, vanpool programs, bikeshare and carshare services, targeted transportation alternatives programs, as well as shuttles and microtransit services.	Regional	Various	$2,000	$0	**$2,000**

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