

Appendix M: California Freight Mobility Plan 2020
Project List

Project Reference ID	CFMP Region	Project Category	District	County	Route	Project Name	Project Description	Cost (1,000 USD)	CFMP Goal Alignment						
									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
BA_001	Bay Area	Port Access	04	ALA	880	Freight Emission Reduction Action Plan: Recommended Regional Demonstrations	Urban Delivery Demonstration Project: Range Extended Electric Vehicle (REEV) for Medium Heavy Duty (Class 5-6) Trucks: Rail Demonstration Project: Yard Switcher Using Dual Mode Battery-Assisted Locomotive in West Oakland and Richmond. Grow Bay Area Near-Zero and Zero Emission Vehicle R&D Public/Private Clean Truck Collaborative	\$54,000	X	X	X	X	X	X	X
BA_002	Bay Area	Port Access	04	ALA	OFF	Minor Freight Improvements Programmatic	This program includes projects that improve freight operations and reduce impacts of freight activity. This includes but is not limited to railroad quiet zones, multimodal safety projects at crossings, freight corridor upgrades, ITS improvements, terminal lighting, seismic monitoring, rail connections between Oakland and Niles Subdivisions, truck parking facilities, rail platforms, and other projects that would implement the Alameda CTC Goods Movement plan.	\$51,000	X			X	X	X	X
BA_003	Bay Area	Port Access	04	ALA	OFF	7th Street Grade Separation West	The Project creates a new elevated intersection at 7th & Maritime Streets, and provides new rail access between the Oakland Army Base and the Oakland International Gateway. The Project shifts cargo from truck to rail, reduces truck congestion and emissions, and improves public access.	\$263,000	X	X	X	X			X
BA_004	Bay Area	Port Access	04	ALA	OFF	Equipment-Based Reduction Projects	Categories for upgrade to zero or near-zero emission (focused on West Oakland, but could also include other communities) include: -Yard trucks -Tug boats (incl shore power) -On-road Class 5/6 trucks -Truck retirement project -Locomotives (Class 1&3) -Ocean-going vessels (bonnets and electrification) -Forklifts -Transport Refrigeration Units -Top/Side Pick Cranes	\$200,000	X	X	X	X			X
BA_005	Bay Area	Port Access	04	ALA	OFF	Freight Emission Reduction Action Plan: Recommended Regional Demonstrations - Urban Delivery Demonstration Project: Range Extended Electric Vehicle (REEV) for Medium Heavy Duty (Class 5-6) Trucks: Rail Demonstration Project: Yard Switcher Using Dual Mode Battery-Assisted Locomotive in West Oakland and Richmond. Grow Bay Area Near-Zero and Zero Emission Vehicle R&D Public/Private Clean Truck Collaborative	Freight Emission Reduction Action Plan: Recommended Regional Demonstrations - Urban Delivery Demonstration Project: Range Extended Electric Vehicle (REEV) for Medium Heavy Duty (Class 5-6) Trucks: Rail Demonstration Project: Yard Switcher Using Dual Mode Battery-Assisted Locomotive in West Oakland and Richmond. Grow Bay Area Near-Zero and Zero Emission Vehicle R&D Public/Private Clean Truck Collaborative	\$40,000	X	X	X	X	X	X	X
BA_006	Bay Area	Port Access	04	ALA	OFF	Oakland Army Base transportation infrastructure improvements	Constructs public improvements for trade, logistics and ancillary maritime services that promote cleaner modes of transportation, efficient goods movement, congestion relief on countywide freight corridors, new jobs, and fulfills a mandate to reduce truck trips through the West Oakland community.	\$314,000			X	X		X	X
BA_007	Bay Area	Port Access	04	ALA	OFF	Marine Terminal Modernization	This project would fund upgrades at Marine Terminals including bollard and fenders, six shore power outlets, and LED lighting upgrades. This project would reduce the Seaport's carbon foot print and will continue to help the Region/State move towards achieving its zero emissions goal.	\$74,000	X	X	X	X	X	X	X

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BA_008	Bay Area	Port Access	04	ALA	OFF	Port Wide Electrification	This project will upgrade electrical infrastructure at the Port of Oakland to increase capacity needed to accommodate the electrification of Terminals and equipment utilized throughout all Port facilities (Seaport & Aviation). This project will help the Region & State move towards achieving its zero emissions goal.	\$218,000	X	X	X	X	X		X
BA_009	Bay Area	Port Access	04	ALA	OFF	Roundhouse EV Charging Facility	To support future projections for increased implementation of ZE trucks, the Roundhouse Electric Vehicle (EV) Charging Facility project will explore development of freight electric vehicle charging standards and will include the design & construction of infrastructure necessary to establish a permanent electric vehicle/equipment charging facility at the Seaport's Roundhouse Property.	\$12,000	X	X	X	X	X	X	X
BA_010	Bay Area	Port Access	04	ALA	OFF	Port of Oakland: Go Port	The GoPort project will reduce emissions from idling trucks, increase Port operational efficiency, and provide significantly improved truck and rail access. Project includes: Port of Oakland ITS improvements.	\$550,000	X	X	X	X		X	
BA_011	Bay Area	Port Access	04	ALA	OFF	Port of Oakland Non-Equipment-Based Reduction Projects	Includes the following components: -Port Electrical Grid Improvements -Facility upgrades and emission reductions -Supply Chain Efficiencies- extended Marine terminal hours, grey chassis pool, gate modifications, and technology solutions -Extended gate hours/days	\$100,000	X	X	X	X	X		X
BA_012	Bay Area	Port Access	04	ALA	OFF	Port Operational Efficiency Enhancements	This project includes a study, preliminary design & construction of infrastructure improvements at Maritime St., Grand Ave. & Adeline St. access points to Seaport facilities that will enhance operational efficiency at the Seaport.	\$25,000	X	X		X			X
BA_013	Bay Area	Port Access	04	ALA	OFF	AirPort Drive Rehabilitation	This project consists of roadway overlay, cracking sealing, and some full depth reconstruction of approximately 3.3 miles of pavement mostly along the inbound and outbound AirPort Drive roadways, but also includes John Glenn Drive, Neil Armstrong Way, John Glenn off-ramp, return to terminal, and AirPort Access Road.	\$6,000	X	X	X	X			X
BA_014	Bay Area	Port Access	04	ALA	OFF	Oakland International AirPort Perimeter Dike	This project will upgrade and improve the 4.5 mile long dike protecting OAK, terminal and other facilities, roadways, transit services & trails connecting Alameda and San Leandro. Includes seismic stabilization, FEMA compliance, and protection against climate change and sea level rise.	\$53,000	X	X	X	X			X
BA_015	Bay Area	Port Access	04	ALA	OFF	Middle Harbor Road Improvements	This project identifies & implements solutions to the traffic circulation issues on Middle Harbor Rd. Solutions may include dedicated queue or turn lanes, signalization, and relocation or reconfiguration of terminal gates and recommendations for Adeline St. Bridge reconfiguration as appropriate.	\$33,000	X	X	X	X			X
BA_016	Bay Area	Port Access	04	ALA	OFF	Seaport Near Dock Rail Enhancements	This project will connect Seaport Logistics Complex warehouse and transload facilities. These near dock rail enhancements will enable transload facilities to receive unit train loads. This project will support regional progress towards achieving the Region/County Goods Movement Plan Rail Strategy.	\$8,000	X	X	X	X	X	X	X
BA_017	Bay Area	Port Access	04	ALA	OFF	Roadway Operations - This category includes projects that improve roadway, intersection, or interchange operations, ITS, as well as other transportation system management	Roadway Operations - This category includes projects that improve roadway, intersection, or interchange operations, ITS, as well as other transportation system management	\$203,000		X				X	X
BA_018	Bay Area	Port Access	04	ALA	OFF	7th Street Grade Separation East	Project replaces the substandard 7th St. roadway & pedestrian underpass at the north end of Railport Oakland Intermodal Yard (RO-IY). The new, depressed roadway allows for new rail crossings to improve connections to the future OHIT IY and project completes a missing segment of the Bay Trail.	\$555,800	X	X		X	X	X	X

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BA_019	Bay Area	Port Access	04	ALA	OFF	Multimodal Streetscape - Projects in this category implement multimodal or complete streets elements, including but not limited to projects such as Grimmer Boulevard Greenway, Telegraph Avenue Complete Streets, West Grand Avenue Complete Streets, Hearst Avenue Complete Streets	Projects in this category implement multimodal or complete streets elements, including but not limited to projects such as Grimmer Boulevard Greenway, Telegraph Avenue Complete Streets, West Grand Avenue Complete Streets, Hearst Avenue Complete Streets	\$461,000	X		X	X	X	X	X
BA_020	Bay Area	Port Access	04	CC	OFF	Local road and county road access and safety program on truck routes	Includes: Byron Highway and Camino Diablo Road	\$40,000		X	X				X
BA_021	Bay Area	Port Access	04	CC	OFF	County Safety, Security and Other - Projects in this category address safety, security and other needs such as Lone Tree Way Undercrossing, Marsh Creek Road Curve Realignment, Cutting/Carlson grade crossing improvements, San Pablo Avenue overcrossing, Vasco Road safety improvement, and Viera Avenue Realignment	County Safety, Security and Other - Projects in this category address safety, security and other needs such as Lone Tree Way Undercrossing, Marsh Creek Road Curve Realignment, Cutting/Carlson grade crossing improvements, San Pablo Avenue overcrossing, Vasco Road safety improvement, and Viera Avenue Realignment	\$108,000			X		X	X	
BA_022	Bay Area	Port Access	04	MULT CO	OFF	Goods Movement Technology Program - Program for deploying communications infrastructure to increase active traffic management along freight corridors and to/from the Port of Oakland	Goods Movement Technology Program - Program for deploying communications infrastructure to increase active traffic management along freight corridors and to/from the Port of Oakland	\$300,000	X	X	X	X	X	X	X
BA_023	Bay Area	Port Access	04	SF	OFF	Cargo Way Street Improvements	Reconstruct Cargo Way, which sees freight traffic from the Port's Piers 90-96 operations and adjacent industrial park, to facilitate improved access for all modes of traffic, improve the appearance, and treat roadway stormwater run-off, visually improving the area and creating habitat opportunities.	\$20,000	X	X	X	X			X
BA_024	Bay Area	Port Access	04	SF	OFF	Pier 96 Seawall Replacement	Install a new seawall along Pier 96, on San Francisco's southeast waterfront to protect against sealevel rise and resist earthquakes. Pier 96 is a 76-acre site are used to import aggregate for infrastructure projects throughout San Francisco, berth Maritime Ready Reserve ships, and is home to Recology's recycling facility.	\$40,500	X	X				X	X
BA_025	Bay Area	Port Access	04	SF	OFF	Pier 80 Fendering Improvements	Project upgrades the existing fendering system at Pier 80, along San Francisco's southeast waterfront. Improvements will better handle the roll-on/roll-off vessels berthing at this location and prevent risk of vessel damage.	\$3,800	X	X					X
BA_026	Bay Area	Port Access	04	SON	OFF	Airfield Wildlife Fence - Design/Installation	STS Airport - Complete the installation of a full perimeter fence - wildlife fence Design/Installation	\$850	X		X		X	X	X
BA_027	Bay Area	Port Access	04	SON	OFF	Apron E Reconstruction - Design	STS Airport - Design of Apron E reconstruction at the Airport	\$450	X	X			X	X	X
BA_028	Bay Area	Port Access	04	SON	OFF	Runway 14-32 Overlay, Shoulders and Centerline Lighting	STS Airport - Runway 14/32 centerline lights design	\$700		X				X	
BA_029	Bay Area	Port Access	04	SON	OFF	New ARFF Building	STS Airport - Final Design and Construction of the Aircraft rescue and firefighting facility	\$8,000						X	X
BA_030	Bay Area	Port Access	04	SON	OFF	Terminal Ramp Reconstruction - Final Design and Construction	Final Design and Construction of the Airport terminal ramp	\$5,800	X	X				X	X

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BA_031	Bay Area	Port Access	04	SON	OFF	Temporary Hold Room - Design and Construction	STS Airport - Temporary holdroom to enable the airport to keep operating while the main terminal expansion is underway . This is for the Design and Construction	\$3,400		X			X	X	X
BA_032	Bay Area	Port Access	04	SON	OFF	New ARFF Building - Project Formulation and Design	STS Airport - New Aircraft rescue and fire fighting facility to accommodate for terminal expansion. This is the project Formulation and Design	\$750			X	X	X		
BA_033	Bay Area	Port Access	04	SON	OFF	New ARFF vehicle	STS Airport - Purchase of a new Aircraft rescue and firefighting vehicle	\$750			X	X	X		
BA_034	Bay Area	Port Access	04	SON	OFF	Taxiway A Reconstruction/Overlay and Shoulders - Construction	STS Airport -re-Construction of Taxiway A	\$25,000	X	X				X	X
BA_035	Bay Area	Port Access	04	SON	OFF	Taxiway A Reconstruction/Overlay and Shoulders - Design	STS Airport - Design of Taxiway A reconstruction will help aircraft of all types taxi-off or onto a runway	\$350	X	X					X
BA_036	Bay Area	Port Access	04	SON	OFF	Permanent Hold Room/Baggage Area Expansion - Design and Construction	STS Airport - Expansion of the Terminal building, passenger holdroom and baggage area - Design and Construction	\$25,000	X	X				X	X
BA_037	Bay Area	Port Access	04	SON	OFF	Apron F Reconstruction - Design and Construction	STS Airport - Design and Construction for one of the Airport's ramp	\$4,195		X			X	X	X
BA_038	Bay Area	Rail Systems	04	ALA	OFF	City of Berkeley Railroad Crossing Safety Improvement Project	Implementation of Phase 1 of a Quiet Zone on the Union Pacific Railroad (UP) corridor through the City of Berkeley.	\$12,410	X	X	X	X	X	X	X
BA_039	Bay Area	Rail Systems	04	CC	OFF	Targeted Operational Improvements - City of Hercules Third Track, and Upgrade water side drill track to 3 mainline between Port and Bancroft	Targeted Operational Improvements - City of Hercules Third Track, and Upgrade water side drill track to 3 mainline between Port and Bancroft	\$60,000	X		X	X			X
BA_040	Bay Area	Rail Systems	04	MULT CO	OFF	Rail Connectivity Improvements	Industrial Parkway Connection Shinn Connection New wye connections at Lathrop and Stockton Junctions - not included in project cost since revenue assumptions are not inclusive of SJ County	\$240,000	X		X	X			X
BA_041	Bay Area	Rail Systems	04	NAP	OFF	County Safety, Security and Other	Railroad crossing safety upgrades, corridor and Safety Improvements	\$4,000	X	X	X	X	X		X
BA_042	Bay Area	Rail Systems	04	SCL	OFF	Alviso Wetlands Doubletrack	Provide double track section on the UPRR Coast Subdivision from the Alameda County line to the vicinity of State Route 237. The improvements are expected to include double-tracking the segment running over the Alviso Wetlands.	\$196,000	X		X	X			X
BA_043	Bay Area	Rail Systems	04	SON	OFF	SMART Rail Freight Improvements	Improvements along publicly-owned SMART rail right-of-way to accommodate rail freight services and expansions. Programmatic category that could include freight spurs, Positive Train Control/systems and crossing upgrades, track and sidings expansions and bridge improvements.	\$90,000	X	X	X	X	X		X
BA_044	Bay Area	Grade Separations	04	ALA	OFF	Safety Improvements - Grade crossing improvements at Jack London Square and in Emeryville - City of Berkeley Railroad Crossing Improvements City of Berkeley Gilman Street Grade Separation City of Fremont Railroad Quiet Zones	Safety Improvements - Grade crossing improvements at Jack London Square and in Emeryville - City of Berkeley Railroad Crossing Improvements City of Berkeley Gilman Street Grade Separation City of Fremont Railroad Quiet Zones	\$130,000	X	X	X	X	X	X	X
BA_045	Bay Area	Grade Separations	04	MULT CO	OFF	Railroad Grade Crossing Improvements and Grade Separations	Additional Grade Crossing Improvements	\$150,000	X	X	X	X	X		
BA_046	Bay Area	Grade Separations	04	SCL	OFF	Caltrain Grade Separations	This project includes grade separations of the Caltrain right of way at priority locations throughout Santa Clara County	\$800,000	X	X	X	X	X		X

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BA_047	Bay Area	Grade Separations	04	SM	OFF	Grade Separations	This project includes grade separations of the Caltrain right of way at approximately 2 to 3 high priority locations in San Mateo County, including 25th Avenue. This project is based on San Mateo County's Measure A grade separation category.	\$260,000	X	X	X	X	X		X
BA_048	Bay Area	Inter/Intra-state	04	ALA	80	Ashby I-80 Interchange with Bicycle and Pedestrian Ramps	Reconstruct the Ashby Avenue interchange, including construction of a new bridge to replace existing bridges, a roundabout interchange, and bicycle/pedestrian access over the I-80 freeway at the Ashby-Shellmound interchange.	\$60,000	X	X	X	X	X		X
BA_049	Bay Area	Inter/Intra-state	04	ALA	80	I-80 Gilman Street Interchange Improvements	The proposed project is located in northwest Berkeley and will reconfigure the I-80/Gilman interchange. The limits for the freeway and ramp traffic operations would include I-80 from east of Buchanan Street to west of University Avenue.	\$42,000	X	X	X	X	X		X
BA_050	Bay Area	Inter/Intra-state	04	ALA	80	I-80 Increase Vertical Clearance at University Ave	In Berkeley, at University Avenue Overcrossing No. 33-0023. Establish standard vertical clearance. ACCELERATED BRIDGE (PA&ED Only)	\$39,800	X	X	X	X	X	X	X
BA_051	Bay Area	Inter/Intra-state	04	ALA	92	SR 92/Clawiter Road/Whitesell Street Interchange Improvements	The project would reconstruct the SR 92/Clawiter Rd interchange to create the SR 92/Whitesell St interchange, addressing truck traffic access needs by: reconfiguring Clawiter/SR 92 interchange, creating new access to SR 92 at Whitesell St, and consolidating access for these two local roads.	\$62,000	X	X	X	X	X		X
BA_052	Bay Area	Inter/Intra-state	04	ALA	262	SR 262 Mission Boulevard Cross Connector Improvements	This project will increase mobility between I-680 and I-880 by widening Mission to 3 lanes in each direction throughout the I-680 interchange, rebuild the NB and SB 680 on and off ramps, and potentially grade separate Mission Blvd. from Mohave Dr. and Warm Springs Blvd.	\$112,000	X	X	X	X	X		
BA_053	Bay Area	Inter/Intra-state	04	ALA	580	I-580 Integrated Corridor Mobility (ICM)	This project implements multiple traffic operation systems and strategies that will address the challenges of traffic congestion in the corridor. The project will install new and upgrade existing corridor management elements along Interstate 580. Full ICM depends on extending North Canyons Parkway to Dublin Boulevard (RTPID 17-01-0048)	\$146,000	X	X	X	X	X	X	X
BA_054	Bay Area	Inter/Intra-state	04	ALA	580	Santa Rita Road I-580 Overcrossing Widening	Widen Southbound Santa Rita Road overcrossing at I-580 constructing third southbound through lane at Pimlico Drive and second on ramp lane to I-580 eastbound.	\$10,000	X	X	X	X	X		X
BA_055	Bay Area	Inter/Intra-state	04	ALA	580	I-580 Interchange Improvement at Hacienda/Fallon Road - Phase 2	I-580/Fallon Rd I/C Improvements (Phase 2): Reconstruct overcrossing to add lanes I-580 Hacienda Dr I/C Improvements: Reconstruct overcrossing to add lanes	\$58,000	X	X	X	X	X		
BA_056	Bay Area	Inter/Intra-state	04	ALA	580	I-580 Greenville Road Interchange Improvements	Construct a new interchange at I-580/Greenville Road to replace the existing interchange. Project will include widening the undercrossing to provide six lanes, and constructing ramps to achieve a modified partial cloverleaf interchange design.	\$68,000	X	X	X	X	X	X	X
BA_057	Bay Area	Inter/Intra-state	04	ALA	580	I-580 Vasco Road Interchange Improvements	Modify I-580/Vasco Rd interchange. Widen I-580 overcrossing and add new loop ramp in southwest quadrant. Includes widening Vasco Road to 8 lanes between Northfront Road and Las Positas Road and other local roadway improvements.	\$81,000	X	X	X	X	X	X	X
BA_058	Bay Area	Inter/Intra-state	04	ALA	880	I-880 Winton Avenue Interchange Improvements	This project proposes to modify the existing Winton Avenue/I-880 cloverleaf interchange to a partial cloverleaf interchange, implement Complete Street per Caltrans HDM and provide direct access to Southland Mall.	\$41,000	X	X	X	X	X		
BA_059	Bay Area	Inter/Intra-state	04	ALA	880	I-880 Whipple Road Interchange Improvements	Full interchange improvements at Whipple Road/I-880, including northbound off-ramp, surface street improvements and realignment	\$80,000	X	X	X	X	X		X
BA_060	Bay Area	Inter/Intra-state	04	ALA	880	I-880 Broadway/Jackson Interchange Improvements	The project proposes to improve connectivity between I-880/I-980 and Alameda and Oakland. Improvements include reconfiguration of existing ramps, demolition of existing ones, and construction of new ramps.	\$244,000	X	X	X	X	X	X	

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BA_061	Bay Area	Inter/Intra-state	04	ALA	880	I-880 Express Lanes: Northbound from Hegenberger to Lewelling and bridge improvements	I-880 Northbound express lane from Lewelling Blvd to Hegenberger Rd. and reconstruct bridges at Davis Street and Marina Boulevard - widen to add an express lane and reconstruct bridges	\$221,000	X			X	X		X
BA_062	Bay Area	Inter/Intra-state	04	ALA	880	I-880 Industrial Parkway Interchange Reconstruction	Reconstruct the I-880/Industrial Parkway interchange to provide a northbound off-ramp and a southbound HOV bypass lane on the southbound loop off-ramp. Reconstruct the bridge over I-880.	\$57,000	X	X	X	X	X	X	X
BA_063	Bay Area	Inter/Intra-state	04	ALA	880	I-880 to Mission Boulevard East-West Connector	Improved east-west connection between I-880 and Route 238 (Mission Blvd.) comprised of a combination of new roadways along preserved ROW and improvements to existing roadways and intersections along Decoto Road, Fremont Boulevard, Paseo Padre Parkway, Alvarado-Niles Road and Mission Boulevard.	\$236,000	X	X	X	X	X		
BA_064	Bay Area	Inter/Intra-state	04	ALA	84/680	SR 84/I-680 Interchange Improvements and SR 84 Widening	Construct interchange improvements for the Route 84/I-680 Interchange, widen Route 84 from Pigeon Pass to I-680 and construct aux lanes on I-680 between Andrade and Route 84.	\$278,000	X	X	X	X	X	X	X
BA_065	Bay Area	Inter/Intra-state	04	ALA	880/237	I-880 Express Lanes in both directions: Hegenberger/Lewelling to SR 237	Express lane on I-880 in Alameda County from Lewelling Blvd to SR 237 Direct Connector in northbound direction, Hegenberger Rd to SR 237 Direct Connector in the southbound direction- convert existing HOV lanes to express lanes.	\$78,000	X	X	X	X			X
BA_066	Bay Area	Inter/Intra-state	04	ALA	OFF	Community Impact reduction through "receptor-side" mitigations - Invest in "receptor side" mitigations to reduce impacts on "fence-line" communities, including for example, planting trees or other pollution catchments between sources and communities, investing in improved air quality, air filtration, HVAC etc systems for sensitive facilities located near freight corridors.	Invest in "receptor side" mitigations to reduce impacts on "fence-line" communities, including for example, planting trees or other pollution catchments between sources and communities, investing in improved air quality, air filtration, HVAC etc systems for sensitive facilities located near freight corridors.	\$10,000		X	X	X	X	X	X
BA_067	Bay Area	Inter/Intra-state	04	CC	4	SR 4 Integrated Corridor Mobility	SR 4 Integrated Corridor Mobility from I-80 to SR 160, including adaptive ramp metering, advanced traveler information, arterial management system, freeway management system, connected vehicle applications	\$15,000	X	X	X	X	X	X	X
BA_068	Bay Area	Inter/Intra-state	04	CC	4	SR 4 Operational Improvements - Initial Phases	Various operational improvements on SR 4 between SR 242 and Bailey Road, including adding auxiliary lanes in strategic locations along this corridor	\$144,000	X	X	X	X	X	X	X
BA_069	Bay Area	Inter/Intra-state	04	CC	80	Reconstruct I-80/San Pablo Dam Road Interchange	Phase 1 includes relocating El Portal Dr. on-ramp to WB I-80 to the north, extending the auxiliary lane along WB I-80 between San Pablo Dam Rd off-ramp and El Portal Dr on-ramp, and reconstructing the Riverside Ave pedestrian overcrossing. Phase 2 includes modifications to McBryde and SPDR I/C & Includes provisions for bicyclists and pedestrians on San Pablo Dam Rd.	\$120,000	X	X	X	X	X	X	X
BA_070	Bay Area	Inter/Intra-state	04	CC	80	I-80/Central Avenue Interchange Modification - Phases 1 & 2	Construct new signals and changeable message signs to redirect I-80 westbound on-ramp traffic during weekend peak periods to I-580, connect Pierce Street to San Mateo Street to relocate the traffic signal at Pierce Street/Central Avenue to the San Mateo Street/Central Avenue intersection, and construct other necessary improvements.	\$26,000	X	X	X	X	X	X	X
BA_071	Bay Area	Inter/Intra-state	04	CC	80	I-80 Eastbound and Westbound Pinole Valley Road On-ramp Improvement	Improve conditions for merging onto the I-80 mainline from the eastbound and westbound Pinole Valley Road on-ramps to address vehicles accelerating uphill after stopping at ramp meter.	\$10,000	X	X	X	X	X	X	X
BA_072	Bay Area	Inter/Intra-state	04	CC	80	I-80/SR 4 Interchange Improvements - New Eastbound Willow Avenue Ramps	New SR 4 eastbound offramp and onramp at Willow north of Palm Avenue and removal of Willow Hook Ramps	\$25,000	X	X	X	X	X	X	X

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BA_073	Bay Area	Inter/Intra-state	04	CC	680	I-680/SR 4 Interchange Improvements - Phases 1-3	Improve I-680/SR 4 interchange by implementing: direct connectors for NB I-680 to WB SR 4 (Ph1) & WB SR 4 to SB I-680 (Ph2), & widening SR 4 btw SR 242 & Morello from 2 to 3 lanes per direction (Ph3). The 2-lane direct connectors will replace a single lane loop ramp & a single lane diagonal ramp, respectively.	\$292,000	X	X	X	X	X	X	X
BA_074	Bay Area	Inter/Intra-state	04	CC	OFF	Kirker Pass Road Northbound Truck Climbing Lane, Clearbrook Drive to Crest of Kirker Pass Road	This project will add NB truck climbing lane from Clearbrook Drive in the City of Concord to a point 1,000 beyond the crest of Kirker Pass Road. The addition will include a 12-foot dedicated truck climbing lane and a Class II bike lane within an 8-foot paved shoulder.	\$19,000	X	X	X	X	X	X	X
BA_075	Bay Area	Inter/Intra-state	04	MRN	101	Implement Marin Sonoma Narrows HOV Lane and corridor improvements Phase 2 (Marin County)	Extend U.S. 101 HOV lane from Atherton Avenue to Marin/Sonoma County line in the northbound direction and from Rowland Boulevard to Marin/Sonoma County line in southbound direction. This project will complete the HOV lane system in Marin County from Richardson Bay Bridge to Marin/Sonoma County line.	\$136,000	X	X	X	X			X
BA_076	Bay Area	Inter/Intra-state	04	MULT CO	80/580/880	I-80 Express Lanes: Westbound Bay Bridge Approaches	Express Lanes on the four westbound SFOBB bridge approaches: (1) I-80 direct connector from Powell Street to SFOBB metering lights (1.8 miles); (2) I-580 from I-80 junction to metering lights (1 mile); (3) I-880/880S direct connector from 14th Street to metering lights (1.5 miles); (4) West Grand Ave/I-880 direct connector to metering lights (0.7 miles) - convert existing HOV lanes to express lanes	\$18,000	X	X	X	X			X
BA_077	Bay Area	Inter/Intra-state	04	MULT CO	OFF	Climate Program: TDM and Emission Reduction Technology - MTC Climate Initiatives Program includes transportation demand management (TDM) strategies, car sharing, vanpool incentives, alternative fuel/vehicle initiatives, targeted transportation alternatives, trip caps and commuter benefits ordinances.	Climate Program: TDM and Emission Reduction Technology - MTC Climate Initiatives Program includes transportation demand management (TDM) strategies, car sharing, vanpool incentives, alternative fuel/vehicle initiatives, targeted transportation alternatives, trip caps and commuter benefits ordinances.	\$535,000	X	X	X	X	X	X	

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BA_078	Bay Area	Inter/Intra-state	04	MULT CO	OFF	Bay Area Forward - This program includes a variety of operational and multimodal improvements, including: active traffic management - upgrades to all existing ramp meters to adaptive, implementing hard shoulder running lanes, contra-flow lanes, queue warning, and ramp modifications; arterial operations - implementation of traditional time-of-day signal timing coordination, adaptive traffic signal control systems, transit signal priority, real-time traffic monitoring devices, ped/bike detection, queue-jump lanes, etc; connected vehicles - pilot deployments of vehicle-to-infrastructure (V2I) strategies; Managed Lanes Implementation Plan - pilot express bus service for routes not currently served by operators; expands park-and-ride facilities throughout the region; and supports pilot deployment of shared-mobility solutions.	Bay Area Forward - This program includes a variety of operational and multimodal improvements, including: active traffic management - upgrades to all existing ramp meters to adaptive, implementing hard shoulder running lanes, contra-flow lanes, queue warning, and ramp modifications; arterial operations - implementation of traditional time-of-day signal timing coordination, adaptive traffic signal control systems, transit signal priority, real-time traffic monitoring devices, ped/bike detection, queue-jump lanes, etc; connected vehicles - pilot deployments of vehicle-to-infrastructure (V2I) strategies; Managed Lanes Implementation Plan - pilot express bus service for routes not currently served by operators; expands park-and-ride facilities throughout the region; and supports pilot deployment of shared-mobility solutions.	\$995,000	X	X	X	X	X	X	X	
BA_079	Bay Area	Inter/Intra-state	04	MULT CO	OFF	Regional Transportation Emergency Management Program - This program enhances first responders capabilities to clear traffic incidents and respond to major emergencies through integrated corridor management.	Regional Transportation Emergency Management Program - This program enhances first responders capabilities to clear traffic incidents and respond to major emergencies through integrated corridor management.	\$25,000	X						X	X
BA_080	Bay Area	Inter/Intra-state	04	MULT CO	OFF	MTC Express Lane Program Cost	Includes non-corridor activities such as centralized toll system activities, start-up program management, contingency and capitalized O&M.	\$113,000	X	X	X	X				X
BA_081	Bay Area	Inter/Intra-state	04	MULT CO	VAR	Goods Movement Clean Fuels and Impact Reduction Program - Program for implementing recommendations of the Freight Emission Reduction Action Plan and developing programs for impact reduction in neighborhoods with high levels of freight activity.	Goods Movement Clean Fuels and Impact Reduction Program - Program for implementing recommendations of the Freight Emission Reduction Action Plan and developing programs for impact reduction in neighborhoods with high levels of freight activity.	\$350,000	X	X	X	X	X	X	X	X
BA_082	Bay Area	Inter/Intra-state	04	NAP	29	SR 29 Gateway	Construct SR 29 to 6-lanes for cars and improved conditions for other travel modes from American Canyon Road to Napa Junction Road	\$32,000	X	X	X	X	X			X
BA_083	Bay Area	Inter/Intra-state	04	NAP	29/221	Soscol Junction	Improvements at SR 29/SR 221/ Soscol Ferry Road.	\$61,000	X	X	X	X	X			X

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BA_084	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101 Southbound/Trimble Rd./De La Cruz Blvd./Central Expressway Interchange Improvements	Improve interchange at U.S. 101 southbound Trimble Road/De la Cruz Boulevard/Central Expressway.	\$53,000	X	X	X	X	X		X
BA_085	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101/Blossom Hill Rd. Interchange Improvements	Widen interchange at U.S. 101/Blossom Hill Road.	\$28,000	X	X	X	X	X		X
BA_086	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101/Old Oakland Rd. Interchange Improvements	Improve interchange at U.S. 101/Old Oakland Road.	\$28,000	X	X	X	X	X		X
BA_087	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101 Interchanges Improvements: San Antonio Rd. to Charleston Rd./Rengstorff Ave.	Improve U.S. 101 interchanges at San Antonio Road to Charleston Road/Rengstorff Avenue including new auxiliary lane.	\$40,000	X	X	X	X	X		X
BA_088	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101/Zanker Rd./SkyPort Dr./Fourth St. Interchange Improvements	Construct a new interchange at U.S. 101/Zanker Road/SkyPort Drive/Fourth Street	\$161,000	X	X	X	X	X		X
BA_089	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101/Mabury Rd./Taylor St. Interchange Improvements	Construct interchange at U.S. 101/Mabury Road/Taylor Street	\$82,000	X	X	X	X	X		X
BA_090	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101/Shoreline Blvd. Interchange Improvements	Interchange improvements at Shoreline Boulevard.	\$20,000	X	X	X	X	X		X
BA_091	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101 Express Lanes: Whipple Ave. in San Mateo County to Cochrane Road in Morgan Hill	Convert HOV Lanes to express lane and add a second express lane in some segments.	\$507,000	X	X	X	X			X
BA_092	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101 Corridor - Includes: U.S. 101 Widening to 6 lanes	U.S. 101 Corridor - Includes: U.S. 101 Widening to 6 lanes	\$460,000	X	X			X		X
BA_093	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101/Buena Vista Ave. Interchange Improvements	Construct a full interchange at U.S. 101 and Buena Vista Avenue in Gilroy. The interchange includes a flyover southbound on-ramp to braid with the existing truck exit at the CHP Inspection Station. Off-ramp diagonal ramps will be constructed.	\$40,000	X	X	X	X	X		X
BA_094	Bay Area	Inter/Intra-state	04	SCL	101	U.S. 101/SR 25 Interchange Project - Phase 1	The project consists of reconfiguring the interchange at U.S. 101 and SR 25 just south of the City of Gilroy in Santa Clara County, connecting SR 25 and Santa Teresa Boulevard, and widening the existing freeway from 4 to 6 lanes from the Monterey Street interchange to the U.S. 101/SR 25 interchange.	\$203,000	X	X	X	X	X	X	X
BA_095	Bay Area	Inter/Intra-state	04	SCL	880	I-880 Express Lanes: SR 237 to U.S. 101	Convert existing HOV lane to an express lane in both directions between SR 237 and U.S. 101	\$28,000	X	X	X	X	X		X
BA_096	Bay Area	Inter/Intra-state	04	SCL	OFF	Multimodal Streetscape in Santa Clara county	Projects in this category implement multimodal or complete streets elements throughout Santa Clara County including but not limited to Los Gatos Boulevard, Monterey Road, Shoreline Boulevard, Stevens Creek Road, Downtown Sunnyvale Complete Streets, Wedgewood Avenue, West San Carlos, and Winchester Boulevard. This category also includes intersection improvements for non-expressways in Santa Clara County.	\$446,000	X	X		X	X		X
BA_097	Bay Area	Inter/Intra-state	04	SF	101/280	HOV/HOT Lanes on U.S. 101 and I-280 in San Francisco	Phase 1 (full implementation): Convert an existing mixed traffic lane and/or shoulder/excess ROW in each direction to HOV 3+ lanes on U.S. 101 from SF/SM County line to I-280 interchange and on I-280 from U.S. 101 interchange to 6th Street off ramp to enhance carpool and transit operations during peak periods.	\$43,000	X	X	X	X			X
BA_098	Bay Area	Inter/Intra-state	04	SM	101	Improve U.S. 101/Woodside Road interchange	Modifies the Woodside Road Interchange at U.S. 101.	\$171,000	X	X	X	X		X	X

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BA_099	Bay Area	Inter/Intra-state	04	SM	101	Improve operations at U.S. 101 near Route 92 - Phased	U.S. 101 operational improvements near Route 92. Project may have phased construction.	\$258,000	X	X	X	X		X	X
BA_100	Bay Area	Inter/Intra-state	04	SM	101	Add northbound and southbound modified auxiliary lanes and/ or implementation of managed lanes on U.S. 101 from I-380 to SF County line	Add northbound and southbound modified auxiliary lanes and/ or implementation of managed lanes on U.S. 101 from I-380 to SF County line	\$222,000	X	X		X	X		
BA_101	Bay Area	Inter/Intra-state	04	SM	101	U.S. 101 Interchange at Peninsula Avenue	Construct southbound on and off ramps to U.S. 101 at Peninsula Ave to add on and off ramps from southbound 101.	\$89,000	X	X	X	X	X		X
BA_102	Bay Area	Inter/Intra-state	04	SM	101	U.S. 101 Produce Avenue Interchange	Construct a new interchange on U.S. 101 at Produce Avenue, connecting Utah Avenue on the east side of U.S. 101 to San Mateo Avenue on the west side of U.S. 101. This will allow for reconfiguration of the existing southbound ramps at Produce Ave and AirPort Blvd, as well incorporation of the northbound off- and on- ramps at S. AirPort Blvd into the interchange design.	\$146,000	X	X	X	X	X	X	X
BA_103	Bay Area	Inter/Intra-state	04	SM	82/OFF	Multimodal Streetscape	Projects in this category implement multimodal or complete streets elements, including but not limited to projects such as Grimmer Boulevard Greenway, Telegraph Avenue Complete Streets, West Grand Avenue Complete Streets, Hearst Avenue Complete Streets	\$289,000	X			X	X		X
BA_104	Bay Area	Inter/Intra-state	04	SOL	80	I-80 Express Lanes in both directions: Carquinez Bridge to Bay Bridge	Express Lanes on westbound I-80 from Carquinez Bridge Toll Plaza to Powell St Direct Connector on eastbound I-80 from Powell St Direct Connector to Cummings Skyway. Add new express lane on eastbound I-80 from Cummings Skyway to Carquinez Bridge.	\$81,000	X	X	X	X			X
BA_105	Bay Area	Inter/Intra-state	04	SOL	80	I-80 WB Truck Scales	Project upgrades existing truck scales on WB I-80 in Solano County. Existing westbound truck scales are located on the most congested freeway segment of I-80 in Solano County. Scales are outdated and cannot process the current and future truck volumes on WB I-80. Trucks are slow to enter and leave the scales because of short ramps, adding to existing traffic congestion and safety issues on I-80.	\$170,000	X	X	X	X	X	X	X
BA_106	Bay Area	Inter/Intra-state	04	SOL	80	I-80 Express Lanes in both directions: Airbase Parkway to Red Top Road	Express Lanes on I-80 in Solano County from Red Top Road to Air Base Parkway - convert existing HOV lanes to express lanes	\$44,000	X	X	X	X			X
BA_107	Bay Area	Inter/Intra-state	04	SOL	80	I-80 Express Lanes in both directions: Airbase Parkway to I-505	I-80 Solano Express Lanes from Air Base to I-505-widen to add an express lane in each direction	\$136,000	X	X	X	X			X
BA_108	Bay Area	Inter/Intra-state	04	SOL	80	I-80/I-680/SR 12 Interchange (Packages 2-7)	Packages 2-7 provide direct connectivity from I-680 NB to SR 12 WB, widens I-680 and I-80 near the interchange, and improves connections to Red Top road off-ramp. Express lane direct connectors are included in RTPID 17-10-0061.	\$380,000	X	X	X	X	X	X	X
BA_109	Bay Area	Inter/Intra-state	04	SON	101	Hearn Avenue Interchange	The project would replace the existing Hearn Avenue overcrossing bridge with a new bridge to accommodate four traffic lanes with bike lanes and sidewalks on both sides of the roadway. The project would also increase the bridge height clearance and improve ramp connections to U.S. 101 and provide continuous bike lanes and sidewalks between Corby Avenue and Santa Rosa Avenue	\$36,000	X	X	X	X	X	X	X
BA_110	Bay Area	Inter/Intra-state	04	SON	101	Arata Lane Interchange	Construction of the Northbound on-ramp to U.S. 101 will complete the Arata Lane interchange with U.S. 101. This project also includes the relocation of a Portion of Los Amigos Road north of Arata Lane. Rights of way have been obtained in prior phases.	\$4,000	X	X	X	X	X	X	X
CC_111	Central Coast	Rail Systems	05	SB	OFF	UP Rail Bridge Replacement and Cabrillo Boulevard Bike/Ped Improvements	Replacement of the UPRR bridge at Cabrillo Blvd for improved operations and coastal access for peds and bikes	\$25,000	X		X	X	X	X	X
CC_112	Central Coast	Rail Systems	05	SCR	OFF	Santa Cruz Branch Line Freight Service Upgrades	Upgrade rail line to FRA Class 2 to a condition for reasonable ongoing maintenance into the future. Upgrade crossings, replace jointed rail with continuously welded rail, upgrade signals, and replace ties	\$25,000	X	X			X	X	X

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CC_113	Central Coast	Rail Systems	05	SCR	OFF	Santa Cruz County Regional Transportation Commission (SCCRTC) Railroad Infrastructure Maintenance and Rehabilitation	Protect, maintain and rehabilitate the railroad infrastructure on the Santa Cruz Branch Rail Line including bridges, track, drainage, culverts, signals, etc.	\$22,410	X				X	X	X
CC_114	Central Coast	Rail Systems	05	SLO	OFF	Santa Maria Valley Railroad San Luis Obispo Rail Yard Facility	Rebuild San Luis Obispo Rail Yard Facility; new track	\$3,479	X				X		X
CC_115	Central Coast	Rail Systems	05	SLO	OFF	Cuesta second main track	Add second track on north side of Cuesta Ridge to accommodate a second main rail line	\$165,000	X		X	X			X
CC_116	Central Coast	Rail Systems	05	SLO	OFF	UP Rail Tunnel Notching	Tunnel notching for Coast Subdivision tunnels on the Cuesta Grade tunnels (San Luis Obispo Co) and at Chatsworth (Ventura County) to allow for Union Pacific intermodal freight train movements providing operational flexibility and reliability on their network in California.	TBD	X				X		X
CC_117	Central Coast	Rail Systems	05	SLO	OFF	UP main line Centralized Traffic Control (PM 245-276)	Centralized Traffic Control (PM 245-276). Wellsona to Paso Robles curve realignments	\$94,000					X	X	
CC_118	Central Coast	Rail Systems	05	SLO	OFF	UP main line Centralized Traffic Control (PM 205-230)	Centralized Traffic Control (PM 205-230).	\$25,000					X	X	
CC_119	Central Coast	Rail Systems	05	SLO	OFF	Fix low clearance issue for large freight trucks at overpasses. Some railroad and highway overpasses create low clearance hazards for wide/heavy loads	Fix low clearance issue for large freight trucks at overpasses. Some railroad and highway overpasses create low clearance hazards for wide/heavy loads	\$15,000					X	X	
CC_120	Central Coast	Rail Systems	05	SLO	OFF	Henry to Santa Margarita curve realignments	Henry to Santa Margarita curve realignments	\$45,000	X				X		X
CC_121	Central Coast	Rail Systems	05	SLO	OFF	Rail siding extension (Templeton) Templeton to Henry curve alignments	Rail siding extension (Templeton) Templeton to Henry curve alignments	\$107,000	X				X		X
CC_122	Central Coast	Rail Systems	05	SLO	OFF	Rail siding extension (Wellsona)	New Wellsona siding (MP 206.6)	\$21,000	X				X	X	
CC_123	Central Coast	Rail Systems	05	SLO	OFF	Install power switches (McKay East) and McKay to Wellsona curve realignments	Install power switches (McKay East) and McKay to Wellsona curve realignments	\$15,000	X				X		X
CC_124	Central Coast	Inter/Intra-state	05	MON	156	SR 156 West Corridor Project - Castroville Blvd Interchange	Install new interchange to convert SR 156 from two-lane conventional highway to four-lane expressway, and improve safety and operations. This segment is an important connector to the Monterey Peninsula between SR 1 and U.S. 101. In addition to agricultural truck traffic, it serves local, commuter, and recreational traffic. The new interchange will remove two existing at-grade full intersections (Castroville Blvd and Monte Del Lago). It will accommodate the future extension of Blackie Road, which will provide for direct connection between the major freight agricultural hub in southern Castroville, allowing trucks to bypass neighborhoods and main streets.	\$48,000	X	X		X	X	X	X

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CC_125	Central Coast	Inter/Intra-state	05	SB	101	South Coast U.S. 101 HOV Lanes (Phases 4D and 4E)	Add one HOV lane in each direction on U.S. 101 between the cities of Carpinteria and Santa Barbara. It will provide long-life 40-year pavement on all lanes. This project is located on a critical portion of U.S. 101 which serves high volumes of interregional travelers and freight carriers. The project will reduce delay by over 13,500 passenger hours per day and is part of a larger multimodal transportation solution that integrates highway improvements with regional transit (rail and bus) service expansion. This project will improve reliability for all vehicles, including freight, and will encourage a modal shift to other forms of transportation. Completion of this project will substantially improve goods movement, interregional travel, and nationwide commerce by improving reliability and safety on U.S. 101. U.S. 101 is critical for interregional travel and goods movement between the San Francisco Bay Area and the Los Angeles basin. It supports the region's agricultural industry, responsible for over \$10 billion and 23 million tons of goods each year. U.S. 101 serves a strategic role in national defense and the energy production sector.	\$192,980	X	X	X	X	X	X	X
CC_126	Central Coast	Inter/Intra-state	05	SB	101	San Ysidro Interchange in Montecito/(SB-101-10.02)	Install roundabout at U.S. 101 on- and off-ramps at San Ysidro Rd/Jameson to improve operations. There is an existing bottleneck at northbound U.S. 101 and San Ysidro Road that produces close to 6,000 hours of annual delay. This bottleneck typically lasts close to one hour, and appears approximately 50 days per year. Project will accommodate trucks and will reduce idling time spent by trucks serving businesses along local roads. It will provide improved active transportation mobility and connectivity.	\$10,000	X		X	X	X		X
CC_127	Central Coast	Inter/Intra-state	05	SBT	25	SR 25 Expressway Conversion Phase 1	Convert SR 25 from a two-lane undivided conventional highway to a four-lane expressway expressway from Hollister to SR 156. The conversion would improve operation and safety through reduction of at-grade turning movements and driveway openings, improving the primary connection between Hollister and Santa Clara County for agricultural traffic as well as local, regional, and interregional passenger traffic.	\$62,000	X	X	X		X		X
CC_128	Central Coast	Inter/Intra-state	05	SCR	1	Santa Cruz Highway 1 HOV/ (SCR-1-7.672/15.822)	The HOV Lane project would expand the existing four-lane highway to a six-lane facility by adding one HOV lane in each direction next to the median and auxiliary lanes on the outside in each direction. The project is anticipated to reduce recurrent congestion on SR 1, which experiences several bottlenecks in the southbound and northbound directions. Travel time delays due to congestion are experienced by commuters, transit users, commerce, and emergency vehicles. It will also promote the use of alternative transportation modes as means to increase system capacity, encourage carpooling and ridesharing, and improve safety. Improving conditions on SR 1 would reduce cut-through traffic on local streets. The HOV project would include multiple bike/ped overcrossings to expand the opportunities for active users to safely cross SR 1.	\$61,980	X	X		X	X	X	X

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CC_129	Central Coast	Inter/Intra-state	05	SCR	1	Santa Cruz Hwy 1 Aux Lanes- State Park - Bay/Porter (SCR-1- 12.088/13.192)	<p>The project will construct northbound and southbound auxiliary lanes between the Bay Avenue/Porter Street and State Park Drive interchanges and replace the existing Capitola Avenue local roadway overcrossing. This section of Highway 1 is one of the busiest in the county, providing access to the City of Capitola, Soquel and Aptos villages, and Cabrillo College. The auxiliary lanes will connect the on-ramps with the next off-ramp, thereby extending the weaving and merging distance between the ramps, improving traffic operations, and reducing cutthrough traffic diverting to local streets and neighborhoods.</p> <p>The new Capitola Avenue overcrossing will include enhanced bicycle and pedestrian facilities to improve connectivity for bicyclists and pedestrians between Soquel Drive to the north and the future Coastal Rail Trail to the south. The overcrossing, soundwalls and retaining walls will incorporate aesthetic treatments consistent with the visual character of the corridor and the adjacent community.</p>	\$73,000	X	X		X	X		X
CC_130	Central Coast	Inter/Intra-state	05	SCR	OFF	Santa Cruz Hwy 1 Aux Lanes - 41st-Soquel Segment	<p>The Highway 1 41st/Soquel Auxiliary Lanes Project extends approximately 1.4 miles along Highway 1 between 41st Avenue in Capitola and Soquel Drive in Live Oak. The project proposes to add northbound and southbound auxiliary lanes between the two interchanges and to construct a new bicycle and pedestrian overcrossing at Chanticleer Avenue. Historically, this section of Highway 1 has been the busiest in the county serving over 100,000 vehicles a day, facilitating connection for agricultural traffic generating in Watsonville. It will help provide access to the primary regional commercial/retail activity centers on 41st Avenue and regional medical facilities located on Soquel Drive. The auxiliary lanes will connect the on-ramps with the next off-ramp, thereby extending the weaving and merging distance between the ramps, improving traffic operations, and reducing cutthrough traffic diverting to local streets and neighborhoods. The project is being designed to be compatible with a proposed Bus on Shoulder operation.</p>	\$32,100	X	X		X	X	X	X
CC_131	Central Coast	Inter/Intra-state	05	SLO	41	SR 41 North of Wye Truck Climbing Lane/ (SLO-41-47.90 / 48.0)	Build truck climbing lane to facilitate tractor-trailer and other slow-vehicle passing maneuvers	\$22,976	X	X	X	X	X	X	

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CC_132	Central Coast	Inter/Intra-state	05	SLO	46	SR 46E Antelope Grade	<p>This project will convert a two-lane conventional highway into a four-lane divided expressway. This project will improve congestion, enhance safety and provide passing opportunities, reduce driver frustration, improve the facilitation of goods movement, improve recreational travel and major east/west route from the San Joaquin Valley and Interstate 5 to the Central Coast and U.S. 101.</p> <p>Heavy trucks and RV's comprise a very high percentage of the total traffic on this portion of Route 46. These vehicles typically experience a reduction in running speed of 31 km/h. There are limited passing opportunities on this segment, which contributes to driver frustration and passing miscalculations. Traffic volumes are expected to grow at a rate that is correspondingly higher than local population growth predictions. Growth in traffic volumes here will instead reflect the State of California growth rate overall, and traffic volumes on Route 46 will climb proportionally. Route 46 will continue to serve as a vital conduit for traffic to and from the San Joaquin Valley region and beyond to the Central Coast.</p>	\$97,500	X	X	X		X	X	X
CC_133	Central Coast	Inter/Intra-state	05	SLO	46	SR 46E /Union Rd. improvements	New interchange/overcrossing	\$37,750	X				X		
CC_134	Central Coast	Inter/Intra-state	05	SLO	46	Highway 46 Wye Segment	<p>Convert two-lane conventional highway to four-lane expressway and construct grade-separated interchange at the junction of SR 46 and SR 41. This project would enhance safety, improve operations, improve the facilitation of goods movement, improve recreational travel using the major east/west routes from the San Joaquin Valley and Interstate 5 to the Central Coast and U.S. 101. Heavy trucks and RV's comprise a very high percentage of the total traffic on this portion of Route 46/41 Wye intersection. This project would construct improvements at the Wye to eliminate the conflict point with the heavy traffic left-turning cross movements from eastbound Highway 46 onto northbound Highway 41 with a grade separation. The project realigns the existing two-lane configuration and allows for the eventual completion of the four-lane divided expressway</p> <p>Vehicles typically experience a reduction in running speed of 31 km/h. There are limited passing opportunities on this corridor, which contributes to driver frustration and passing miscalculations. Traffic volumes are expected to grow at a rate that is correspondingly higher than local population growth projections. Growth in traffic volumes here will instead reflect the State of California growth rate overall, and traffic volumes on Route 46 will climb proportionally. Route 46/41 will continue to serve as a vital conduit for traffic to and from the San Joaquin Valley region and beyond, through the Temblor Mountain Range, to the Central Coast.</p>	\$92,742	X	X	X		X	X	X
CS_135	Central Sierra	Inter/Intra-state	09	INY	395	Olancha / Cartago - Construct Four-Lane	Convert 2-lane conventional highway to a four-lane expressway on US 395 in Inyo County to improve safety, improve multimodal access through shoulder widening, build/improve drainage and wildlife crossing structures, improve rural community lifeline access, improve freight access and goods movement.	\$137,900		X	X		X		X
CS_136	Central Sierra	Inter/Intra-state	10	CAL	4	Wagon Trail Expressway on new alignment (Wagon Trail Realignment)	Wagon Trail Expressway on new alignment (Wagon Trail Realignment)	\$71,458	X	X		X	X	X	X
CS_137	Central Sierra	Inter/Intra-state	10	MPA	49	Old Highway Bridge Right of Way Obtainment	Old Highway Bridge Right of Way Obtainment	\$4,100	X	X		X		X	X

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Appendix M: California Freight Mobility Plan 2020
Project List

Project Reference ID	CFMP Region	Project Category	District	County	Route	Project Name	Project Description	Cost (1,000 USD)	CFMP Goal Alignment						
									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
CS_138	Central Sierra	Inter/Intra-state	10	MPA	140	Install Passing Lanes	Install Passing Lanes	\$2,900	X			X	X		X
CS_139	Central Sierra	Inter/Intra-state	10	TUO	108	Peaceful Oak Ramps	Peaceful Oak Ramps	\$6,497	X	X		X	X	X	
CS_140	Central Sierra	Inter/Intra-state	10	TUO	120	Install traffic signal and geometric improvements ; In Tuolumne County at SR 120/108 Yosemite Junction -- Cost TBD	Install traffic signal and geometric improvements ; In Tuolumne County at SR 120/108 Yosemite Junction	\$2,450	X	X		X	X	X	X
CV_141	Central Valley	Rail Systems	03	PLA	80	On the Union Pacific mainline, from near the Sacramento and Placer County boarder to the Roseville Station area in Placer County: Construct a layover facility, install various Union Pacific Railroad Yard track improvements, required signaling, and construct the most northern eight miles of third mainline track between Sacramento and Roseville (largely all in Placer County), which will allow up to two additional round trips (for a total of three round trips) between Sacramento and Roseville (Phase 1) (CAL18320)	On the Union Pacific mainline, from near the Sacramento and Placer County boarder to the Roseville Station area in Placer County: Construct a layover facility, install various Union Pacific Railroad Yard track improvements, required signaling, and construct the most northern eight miles of third mainline track between Sacramento and Roseville (largely all in Placer County), which will allow up to two additional round trips (for a total of three round trips) between Sacramento and Roseville (Phase 1) (CAL18320)	\$83,535	X	X	X	X	X	X	X
CV_142	Central Valley	Rail Systems	03	PLA	OFF	Capitol Corridor Third Track - Phase One	On the UP mainline, from Elvas Tower in Sacramento County to Roseville Station in Placer County: Construct third track. Project involves: extension of freight lead track; construction of track and signal improvements; construction of satellite maintenance facility and other associated improvements; and possible relocation of the Roseville rail station to address conflicting train movements that affect capacity. Project improvements will permit service capacity increases for Capitol Corridor in Placer County, with up to ten round trips to Roseville.	\$224,000	X	X	X	X	X	X	X
CV_143	Central Valley	Rail Systems	03	SAC	OFF	At Watt Ave and UPRR crossing, replace or rebuild existing railroad bridge to extend structure with a longer span to create more horizontal clearance above Watt Ave. Construct new adjacent span with a third railroad track. Watt Ave from Roseville Road to Peacekeeper Way, widen to accommodate buffered bicycle lanes and pedestrian facilities. Watt at Roseville Road and at Peacekeeper Way, modify signals for bicycle lanes. Also modify existing storm water pump station (SAC25260)	At Watt Ave and UPRR crossing, replace or rebuild existing railroad bridge to extend structure with a longer span to create more horizontal clearance above Watt Ave. Construct new adjacent span with a third railroad track. Watt Ave from Roseville Road to Peacekeeper Way, widen to accommodate buffered bicycle lanes and pedestrian facilities. Watt at Roseville Road and at Peacekeeper Way, modify signals for bicycle lanes. Also modify existing storm water pump station (SAC25260)	\$80,000	X	X	X	X	X	X	X

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									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
CV_144	Central Valley	Rail Systems	03	YOL	OFF	Design, environmental clearance, and permitting of the Yolo Rail Realignment Project, Phase 2A (YOL19288)	Design, environmental clearance, and permitting of the Yolo Rail Realignment Project, Phase 2A (YOL19288)	\$10,500	X	X	X	X	X	X	X
CV_145	Central Valley	Grade Separations	03	PLA	OFF	In the City of Roseville, construct 4 lane bridge over UPRR tracks and Industrial Ave on westbound Blue Oaks Blvd between Foothills Blvd and Washington Blvd to widen existing 4 lane roadway to 8 lanes (PLA25752)	In the City of Roseville, construct 4 lane bridge over UPRR tracks and Industrial Ave on westbound Blue Oaks Blvd between Foothills Blvd and Washington Blvd to widen existing 4 lane roadway to 8 lanes (PLA25752)	\$23,000	X	X			X	X	X
CV_146	Central Valley	Grade Separations	10	SJ	OFF	Stockton Diamond Grade Separation Project	Stockton Diamond Grade Separation Project – Grade separation (like Colton Crossing) to untangle BNSF, UP, San Joaquin's and ACE trains at the existing at-grade Stockton Diamond	\$200,000	X	X		X	X	X	X
CV_147	Central Valley	Inter/Intra-state	03	ED	50	At the intersection of Camino Heights Drive and Vista Terra Drive, roadway widening, construct a roundabout, upgrade drainage facilities. Near Placerville and Camino, from 0.1 miles west of Still Meadows Road to 0.1 mile east of Upper Carson Road, construct concrete median barrier, widen outside shoulders, and add acceleration/deceleration lanes at local road connection (PM R22.0 to 24.3) and/or associated operational and safety improvements on and adjacent to U.S. 50. Construct mainline undercrossing (PM 23.48) to allow extension of Ponderado Road eastward to connect with Carson Road on the north side of U.S. 50 (CAL18190)	At the intersection of Camino Heights Drive and Vista Terra Drive, roadway widening, construct a roundabout, upgrade drainage facilities. Near Placerville and Camino, from 0.1 miles west of Still Meadows Road to 0.1 mile east of Upper Carson Road, construct concrete median barrier, widen outside shoulders, and add acceleration/deceleration lanes at local road connection (PM R22.0 to 24.3) and/or associated operational and safety improvements on and adjacent to U.S. 50. Construct mainline undercrossing (PM 23.48) to allow extension of Ponderado Road eastward to connect with Carson Road on the north side of U.S. 50 (CAL18190)	\$50,270	X	X		X	X	X	X
CV_148	Central Valley	Inter/Intra-state	03	PLA	65	SR 65 Capacity & Operational Improvements Phase 2	SR 65, from Galleria Blvd. to Lincoln Blvd., make capacity and operational improvements. Phase 2: From Galleria Blvd. to Blue Oaks Blvd., widen from 5 to 7 lanes with 1 carpool lane southbound and 1 general purpose lane northbound, and construct auxiliary lanes from Galleria Blvd. to Pleasant Grove Blvd on northbound and southbound SR 65, including widening Galleria Blvd. southbound off-ramp, Pleasant Grove Blvd. southbound on-ramp, and Blue Oaks Blvd. southbound on-ramps and northbound on-ramp.	\$35,250	X	X			X	X	X
CV_149	Central Valley	Inter/Intra-state	03	PLA	65	In Placer County on Sunset Blvd, widen from State Route 65 to Cincinnati Ave from 2 to 6 lanes. Project includes widening Industrial Blvd/UPRR overcrossing from 2 to 6 lanes (PLA25044)	In Placer County on Sunset Blvd, widen from State Route 65 to Cincinnati Ave from 2 to 6 lanes. Project includes widening Industrial Blvd/UPRR overcrossing from 2 to 6 lanes (PLA25044)	\$37,500	X	X	X	X	X	X	X

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									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
CV_150	Central Valley	Inter/Intra-state	03	PLA	80	In Roseville and Rocklin: Between SR 65 and Rocklin Rd. on eastbound I-80, and east of Douglas Blvd. to west of Riverside Ave. on westbound I-80; Construct eastbound I-80 auxiliary lane, including two-lane off-ramp to Rocklin Rd, and construct 5th lane on westbound I-80, including reducing Douglas Boulevard off-ramp from 2-lanes to 1-lane. (PLA25576)	In Roseville and Rocklin: Between SR 65 and Rocklin Rd. on eastbound I-80, and east of Douglas Blvd. to west of Riverside Ave. on westbound I-80; Construct eastbound I-80 auxiliary lane, including two-lane off-ramp to Rocklin Rd, and construct 5th lane on westbound I-80, including reducing Douglas Boulevard off-ramp from 2-lanes to 1-lane. (PLA25576)	\$18,655	X	X		X	X	X	X
CV_151	Central Valley	Inter/Intra-state	03	PLA	80 65	In Placer County: Between Douglas Blvd. and Rocklin Road; Reconfigure I-80/SR 65 interchange to widen southbound to eastbound ramp from 1 to 2 lanes, replace existing eastbound to northbound loop ramp with a new 3 lane direct flyover ramp (including full middle structure for East Roseville Viaduct), construct collector-distributor roadway parallel to eastbound I-80 between Eureka Road off-ramp and SR 65, and widen Taylor Road from 2 to 4 lanes between Roseville Parkway and Pacific Street (PLA25649)	In Placer County: Between Douglas Blvd. and Rocklin Road; Reconfigure I-80/SR 65 interchange to widen southbound to eastbound ramp from 1 to 2 lanes, replace existing eastbound to northbound loop ramp with a new 3 lane direct flyover ramp (including full middle structure for East Roseville Viaduct), construct collector-distributor roadway parallel to eastbound I-80 between Eureka Road off-ramp and SR 65, and widen Taylor Road from 2 to 4 lanes between Roseville Parkway and Pacific Street (PLA25649)	\$250,000	X	X		X	X	X	X
CV_152	Central Valley	Inter/Intra-state	03	PLA	OFF	In Placer County, Baseline Rd from Watt Ave to future 16th Street, widen from 2 to 4 lanes (Phase 1, West Portion) (PLA15105)	In Placer County, Baseline Rd from Watt Ave to future 16th Street, widen from 2 to 4 lanes (Phase 1, West Portion) (PLA15105)	\$19,200	X	X		X	X	X	X
CV_153	Central Valley	Inter/Intra-state	03	PLA	OFF	In Placer County, Baseline Road from Sutter County to Future 16th St, widen from 2 to 4 lanes (Baseline Road Widening Phase 2, West Portion) (PLA25463)	In Placer County, Baseline Road from Sutter County to Future 16th St, widen from 2 to 4 lanes (Baseline Road Widening Phase 2, West Portion) (PLA25463)	\$29,000	X	X		X	X	X	X

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									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
CV_154	Central Valley	Inter/Intra-state	03	PLA	OFF	In Placer County between SR 65 and Foothills Blvd, construct phase 1 of Placer Parkway, including upgrading the SR 65/Whitney Ranch Parkway interchange to include a southbound slip off-ramp, southbound loop on-ramp, northbound loop on-ramp, six-lane bridge over SR 65, and four-lane roadway extension from SR 65 (Whitney Ranch Parkway) to Foothills Blvd (PLA25299)	In Placer County between SR 65 and Foothills Blvd, construct phase 1 of Placer Parkway, including upgrading the SR 65/Whitney Ranch Parkway interchange to include a southbound slip off-ramp, southbound loop on-ramp, northbound loop on-ramp, six-lane bridge over SR 65, and four-lane roadway extension from SR 65 (Whitney Ranch Parkway) to Foothills Blvd (PLA25299)	\$70,000	X	X		X	X	X	X
CV_155	Central Valley	Inter/Intra-state	03	PLA	OFF	In the City of Roseville, north of Pleasant Grove Blvd and south of Blue Oaks Blvd, construct roadway segment between Foothills Blvd and Washington Blvd, extending Roseville Parkway from its current termination point at Washington Blvd, through to Foothills Blvd. The segment will include a bridge over Industrial Blvd and the UPRR tracks (PLA25711)	In the City of Roseville, north of Pleasant Grove Blvd and south of Blue Oaks Blvd, construct roadway segment between Foothills Blvd and Washington Blvd, extending Roseville Parkway from its current termination point at Washington Blvd, through to Foothills Blvd. The segment will include a bridge over Industrial Blvd and the UPRR tracks (PLA25711)	\$22,500	X	X		X	X	X	X
CV_156	Central Valley	Inter/Intra-state	03	PLA	OFF	In Roseville, widen Washington Blvd from 2 to 4 lanes, including widening the Andora Underpass under the UPRR tracks, between Sawtell Rd and just south of Pleasant Grove Blvd. and construct bicycle and pedestrian improvements adjacent to roadway. (CMAQ funds are for bicycle and pedestrian improvements only. Emission Benefits in kg/day: 0.9 ROG, 0.51 NOx, 0.16 PM10) (PLA25501)	In Roseville, widen Washington Blvd from 2 to 4 lanes, including widening the Andora Underpass under the UPRR tracks, between Sawtell Rd and just south of Pleasant Grove Blvd. and construct bicycle and pedestrian improvements adjacent to roadway. (CMAQ funds are for bicycle and pedestrian improvements only. Emission Benefits in kg/day: 0.9 ROG, 0.51 NOx, 0.16 PM10) (PLA25501)	\$32,612	X	X	X	X	X	X	X

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									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
CV_157	Central Valley	Inter/Intra-state	03	SAC	5	As part of the I-5 Managed Lanes Project from 1.4 miles south of I-5/U.S. 50 interchange to 0.4 miles south of the Yolo County line (26 total lane miles), construct auxiliary lanes and extend deceleration and acceleration lanes in both directions on I-5 from 0.4 mile north of the southbound SR 99/I-5 Connector OC (24-0241F) to the Yolo County line. Intelligent transportation system (ITS) infrastructure will be added to actively manage recurrent and non-recurrent congestion. This corridor is experiencing recurring congestion during peak commute periods and the congestion is expected to increase as suburban development continues in Sacramento and surrounding areas (4H581)	As part of the I-5 Managed Lanes Project from 1.4 miles south of I-5/U.S. 50 interchange to 0.4 miles south of the Yolo County line (26 total lane miles), construct auxiliary lanes and extend deceleration and acceleration lanes in both directions on I-5 from 0.4 mile north of the southbound SR 99/I-5 Connector OC (24-0241F) to the Yolo County line. Intelligent transportation system (ITS) infrastructure will be added to actively manage recurrent and non-recurrent congestion. This corridor is experiencing recurring congestion during peak commute periods and the congestion is expected to increase as suburban development continues in Sacramento and surrounding areas (4H581)	\$17,000	X	X	X	X	X	X	X
CV_158	Central Valley	Inter/Intra-state	03	SAC	5	In Sacramento County, I-5 at Metro Air Parkway near Sacramento International Airport, construct the first phase of a five-lane partial clover Type L-9 interchange for Metro Air Parkway at Interstate 5 (I-5). Construct a three lane overcrossing facility with a median, bike lanes and a sidewalk on the west side. Metro Air Parkway will connect on the north of the interchange and terminate south of I-5 with a cul-de-sac. South Bayou Rd will be realigned to provide the R/W for partial completion of two-quadrant partial cloverleaf interchange. Project also includes a one-lane northbound I-5 exit ramp and diagonal entrance ramp, one-lane southbound I-5 exit ramp, a two-lane southbound I-5 loop entrance ramp with auxiliary lane, street lighting, striping, signs, relocation of an existing drainage ditch on the south side of the freeway, construction of drainage improvements with the interchange, and relocation of utilities (SAC18150)	In Sacramento County, I-5 at Metro Air Parkway near Sacramento International Airport, construct the first phase of a five-lane partial clover Type L-9 interchange for Metro Air Parkway at Interstate 5 (I-5). Construct a three lane overcrossing facility with a median, bike lanes and a sidewalk on the west side. Metro Air Parkway will connect on the north of the interchange and terminate south of I-5 with a cul-de-sac. South Bayou Rd will be realigned to provide the R/W for partial completion of two-quadrant partial cloverleaf interchange. Project also includes a one-lane northbound I-5 exit ramp and diagonal entrance ramp, one-lane southbound I-5 exit ramp, a two-lane southbound I-5 loop entrance ramp with auxiliary lane, street lighting, striping, signs, relocation of an existing drainage ditch on the south side of the freeway, construction of drainage improvements with the interchange, and relocation of utilities (SAC18150)	\$24,139	X	X		X	X	X	X

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CV_159	Central Valley	Inter/Intra-state	03	SAC	12	In Sacramento County at the Sacramento River Bridge (Br#23-0024), SR 12 Rio Vista Bridge improvements (CAL21283)	In Sacramento County at the Sacramento River Bridge (Br#23-0024), SR 12 Rio Vista Bridge improvements (CAL21283)	\$22,860	X	X			X	X	X
CV_160	Central Valley	Inter/Intra-state	03	SAC	16	In Sacramento County on Jackson Highway (SR 16), widen 4 lanes from South Watt Ave to Grant Line Road (CAL15410)	In Sacramento County on Jackson Highway (SR 16), widen 4 lanes from South Watt Ave to Grant Line Road (CAL15410)	\$100,000	X	X			X	X	X
CV_161	Central Valley	Inter/Intra-state	03	SAC	51	SR 51, from J Street to Arden Way: Extend managed lanes, widen the American River Bridge to 10 lanes (4 lanes NB and SB plus managed lane in both directions) and add new Class IV bike path on the American River Bridge, new auxiliary lane from Exposition Blvd to E St in both directions, SB auxiliary lane from Arden Way on-ramp to Exposition Blvd off-ramp, replace B St UP, A St OC, Elvas UP, widen EB 160 and SR 51 separation structure, and widen Tribute Rd UC. (PE Only. Toll Credits for PE.). Toll Credits for ENG. 0H931 (HOV) 0316000113 and 3F070 (American Rvr Br). 0312000054 (CAL20594)	SR 51, from J Street to Arden Way: Extend managed lanes, widen the American River Bridge to 10 lanes (4 lanes NB and SB plus managed lane in both directions) and add new Class IV bike path on the American River Bridge, new auxiliary lane from Exposition Blvd to E St in both directions, SB auxiliary lane from Arden Way on-ramp to Exposition Blvd off-ramp, replace B St UP, A St OC, Elvas UP, widen EB 160 and SR 51 separation structure, and widen Tribute Rd UC. (PE Only. Toll Credits for PE.). Toll Credits for ENG. 0H931 (HOV) 0316000113 and 3F070 (American Rvr Br). 0312000054 (CAL20594)	\$483,000	X	X	X	X	X	X	X
CV_162	Central Valley	Inter/Intra-state	03	SAC	51	Construct transition lanes on SR 51 NB from Marconi Ave to Fulton Ave and SB from Fulton Ave to Watt Ave (CAL20596)	Construct transition lanes on SR 51 NB from Marconi Ave to Fulton Ave and SB from Fulton Ave to Watt Ave (CAL20596)	\$84,700	X	X			X	X	X
CV_163	Central Valley	Inter/Intra-state	03	SAC	OFF	In Sacramento County, construct new 4 lane road (Easton Valley Parkway, Widening A) from Hazel Ave to Prairie City Road (SAC24529)	In Sacramento County, construct new 4 lane road (Easton Valley Parkway, Widening A) from Hazel Ave to Prairie City Road (SAC24529)	\$36,000	X	X			X	X	X
CV_164	Central Valley	Inter/Intra-state	03	SAC	OFF	In Sacramento County, on Hazel Avenue between Folsom Boulevard and U.S. Highway 50, multi-modal corridor improvements, interchange improvements; widen from 4 lanes to 6 lanes of Hazel Avenue between Folsom Boulevard and U.S. Highway 50 (SAC24255)	In Sacramento County, on Hazel Avenue between Folsom Boulevard and U.S. Highway 50, multi-modal corridor improvements, interchange improvements; widen from 4 lanes to 6 lanes of Hazel Avenue between Folsom Boulevard and U.S. Highway 50 (SAC24255)	\$82,563	X	X			X	X	X
CV_165	Central Valley	Inter/Intra-state	03	SAC	OFF	On Madison Ave from Fair Oaks Blvd to Hazel Ave, widen from 4 to 6 lanes (SAC16500)	On Madison Ave from Fair Oaks Blvd to Hazel Ave, widen from 4 to 6 lanes (SAC16500)	\$29,045	X	X		X	X	X	X

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CV_166	Central Valley	Inter/Intra-state	03	SAC	OFF	Environmental will be for both this project and the County of Sacramento project SAC24249. Environmental completed for White Rock Road Sunrise Blvd to Grant Line Road. In the City of Ranch Cordova, construction will include: On existing 6-lane White Rock Rd., from Sunrise Blvd. to Luyung Dr.: construct improvements, including Class II bikeway. On White Rock Rd from Luyung Dr. to eastern City Limits: widen and reconstruct from 2 to 4 lanes and construct Class II bikeway. (CMAQ funds only to be used for new bicycle facilities.) (Emission Benefits in kg/day: 0.03 ROG, 0.03 NOx, 0.02 PM10). Additional construction will be completed under the Sacramento County project SAC24662 (SAC24470)	Environmental will be for both this project and the County of Sacramento project SAC24249. Environmental completed for White Rock Road Sunrise Blvd to Grant Line Road. In the City of Ranch Cordova, construction will include: On existing 6-lane White Rock Rd., from Sunrise Blvd. to Luyung Dr.: construct improvements, including Class II bikeway. On White Rock Rd from Luyung Dr. to eastern City Limits: widen and reconstruct from 2 to 4 lanes and construct Class II bikeway. (CMAQ funds only to be used for new bicycle facilities.) (Emission Benefits in kg/day: 0.03 ROG, 0.03 NOx, 0.02 PM10). Additional construction will be completed under the Sacramento County project SAC24662 (SAC24470)	\$18,366	X	X	X	X	X	X	X
CV_167	Central Valley	Inter/Intra-state	03	SAC	OFF	In Folsom, White Rock Road from Prairie City Road to Carson Crossing Road, construct 4-lane expressway (SAC24250)	In Folsom, White Rock Road from Prairie City Road to Carson Crossing Road, construct 4-lane expressway (SAC24250)	\$66,000	X	X			X	X	X
CV_168	Central Valley	Inter/Intra-state	03	SAC	VAR	In the City of Sacramento, in Sacramento County, from 0.5 miles south of Interstate 5/ State Route 50 separation to I-5/I-80 Separation. Strengthen/replace structures for permit load rating (BR#24-0267, 24-0068L, 24-0068R) (3H390)	In the City of Sacramento, in Sacramento County, from 0.5 miles south of Interstate 5/ State Route 50 separation to I-5/I-80 Separation. Strengthen/replace structures for permit load rating (BR#24-0267, 24-0068L, 24-0068R) (3H390)	\$60,000	X	X			X	X	X
CV_169	Central Valley	Inter/Intra-state	03	SOL	VAR	I-80 Kidwell Road IC to U.S. 50/I-5 IC and I-80 West El Camino interchange. Construct managed lanes; construct new separate pedestrian/bike path (3H900) (CAL21276)	I-80 Kidwell Road IC to U.S. 50/I-5 IC and I-80 West El Camino interchange. Construct managed lanes; construct new separate pedestrian/bike path (3H900) (CAL21276)	\$440,000	X	X	X	X	X	X	X
CV_170	Central Valley	Inter/Intra-state	03	SUT	20 99	In Sutter County at existing SR 20/SR 99 intersection: SR 20/SR 99 interchange (1H770) 0316000270	In Sutter County at existing SR 20/SR 99 intersection: SR 20/SR 99 interchange (1H770) 0316000270	\$196,546	X	X			X	X	X
CV_171	Central Valley	Inter/Intra-state	03	SUT	5th St Bridge	In the City of Yuba City, 5th St/Bridge St crossing over the Feather River/2nd St, between Marysville and Yuba City, replace two-lane bridge with 4-lane bridge (SUT10828)	In the City of Yuba City, 5th St/Bridge St crossing over the Feather River/2nd St, between Marysville and Yuba City, replace two-lane bridge with 4-lane bridge (SUT10828)	\$89,103	X	X		X	X	X	X

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									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
CV_172	Central Valley	Inter/Intra-state	03	YOL	5	I-5 Colusa-Yolo bundle (Accl'd Freight Bridge)	Increase vertical clearance on 5 structures: BR#22-0155 - YOL 5, CR 96 OC (PM R014.27); BR#22-0156 - YOL 5, CR 95 OC (PM R015.85); BR#22-0157 - YOL 5, Zamora OC (PMR017.62); BR#15-0067 - COL 5, E Street OC (PM R017.98); BR#15-0075 - COL 5, Lurline Ave OC (PM R022.74). Project has funds allocated to it for a PID. It is not currently listed in the 2016 SACOG MTP/SCS but can be amended in at a future time. (EA 3H391) 0317000349	\$53,692	X	X	X		X	X	X
CV_173	Central Valley	Inter/Intra-state	03	YOL	5	I-5 Multiple structures. Raise structure or lower roadway profile. (0F760)	Raise structure or lower roadway profile. Project has funds allocated to it for a PID. It is not currently listed in the 2016 SACOG MTP/SCS but can be amended in at a future time. BR#22-0158 - YOL 5, WYE Line OC (PM 004.49); BR#22-0139 - YOL 5, County Line Road OC (PM R028.92) (0F760)	\$18,315	X	X	X		X	X	X
CV_174	Central Valley	Inter/Intra-state	03	YOL	16	Phase 2: Shoulder widening, curve correction, left-turn channelization, signalization and two-way left-turn lanes on SR 16 near Cadenasso, from 0.4 mile west of County Road 79 to 0.4 mile east of County Road 79; also from Esparto to 0.2 mile west of Route 505 (0314000272) (CAL20528)	Phase 2: Shoulder widening, curve correction, left-turn channelization, signalization and two-way left-turn lanes on SR 16 near Cadenasso, from 0.4 mile west of County Road 79 to 0.4 mile east of County Road 79; also from Esparto to 0.2 mile west of Route 505 (0314000272) (CAL20528)	\$37,299	X	X			X	X	X
CV_175	Central Valley	Inter/Intra-state	03	YOL	50	Route 50 at various locations. Inductive loop replacement.	Route 50 at various locations. Inductive loop replacement.	\$2,000	X	X				X	X
CV_176	Central Valley	Inter/Intra-state	03	YOL	50	In Sacramento, Yolo, and El Dorado Counties, ICM projects on U.S. 50 between Enterprise Blvd in West Sacramento and Cameron Park Drive in El Dorado County (CAL21096)	In Sacramento, Yolo, and El Dorado Counties, ICM projects on U.S. 50 between Enterprise Blvd in West Sacramento and Cameron Park Drive in El Dorado County (CAL21096)	\$45,530	X	X	X		X	X	X
CV_177	Central Valley	Inter/Intra-state	03	YOL	80	In Sacramento County in West Sacramento, I-80, at the Sacramento River Bridge and Overhead #22-0026L/R (PM R11.3) (G13 Contingency Project - Rehabilitate Bridge (Toll Credits). Toll Credits for ENG, ROW. (0F250) 0300000075	In Sacramento County in West Sacramento, I-80, at the Sacramento River Bridge and Overhead #22-0026L/R (PM R11.3) (G13 Contingency Project - Rehabilitate Bridge (Toll Credits). Toll Credits for ENG, ROW. (0F250) 0300000075	\$39,479	X	X	X		X	X	X
CV_178	Central Valley	Inter/Intra-state	03	YOL	80	I-80 various locations. Inductive loop replacement.	I-80 various locations. Inductive loop replacement.	\$2,000	X	X			X	X	X
CV_179	Central Valley	Inter/Intra-state	03	YOL	80 5	In Sacramento & Yolo County; Yolo 80 PM 9.2 / R9.552; Yolo 50 PM 0-3.156; Sac 50 PM L0-17.5. Improve communications & install ITS elements. (3H330) 0317000325	In Sacramento & Yolo County; Yolo 80 PM 9.2 / R9.552; Yolo 50 PM 0-3.156; Sac 50 PM L0-17.5. Improve communications & install ITS elements. (3H330) 0317000325	\$47,000	X	X		X	X	X	X
CV_180	Central Valley	Inter/Intra-state	03	YOL	OFF	Complete design and environmental clearance of a proposed joint flood-protection improvement and transportation connection linking Southport to the Port Industrial Complex (YOL19434)	Complete design and environmental clearance of a proposed joint flood-protection improvement and transportation connection linking Southport to the Port Industrial Complex (YOL19434)	\$18,750	X	X	X		X	X	

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CV_181	Central Valley	Inter/Intra-state	06	FRE	41	RTE 41 2-LN EXPRWY to 4-LN EXPRWY North of Elkhorn	RTE 41 2-LN EXPRWY to 4-LN EXPRWY North of Elkhorn	\$65,000		X	X		X	X	
CV_182	Central Valley	Inter/Intra-state	06	FRE	41	NB On-Ramp from Ashlan to NB Off-Ramp Shaw Ave.	NB On-Ramp from Ashlan to NB Off-Ramp Shaw Ave.	\$14,000	X					X	X
CV_183	Central Valley	Inter/Intra-state	06	KER	46	Route 46 C/E Segment 4B	Widen 2-lane conventional highway to 4-lane conventional expressway	\$51,100		X			X	X	X
CV_184	Central Valley	Inter/Intra-state	06	KER	58/99	Centennial Connector Phase II: interchange safety auxiliary lane improvements on national truck corridor	Centennial Connector Phase II: interchange safety auxiliary lane improvements on national truck corridor	\$62,300	X	X			X	X	X
CV_185	Central Valley	Inter/Intra-state	06	MAD	41	4-LN Exwy on New Alignment	4-LN Exwy on New Alignment	\$85,000		X		X	X	X	
CV_186	Central Valley	Inter/Intra-state	06	MAD	99	South Madera 6-Lane	1.7 / 7.5 - Widen SR 99 from 4 to 6 lanes from Avenue 7 to Avenue 12	\$159,000	X	X	X		X	X	X
CV_187	Central Valley	Inter/Intra-state	06	TUL	99	Tulare City Widening	25.5/30.6 Tulare - Avenue 200 to Prosperity Ave. Widen from 4 to 6 Lanes	\$200,150	X	X			X	X	X
CV_188	Central Valley	Inter/Intra-state	09	KER	14	Freeman Gulch 3	Convert 2-lane conventional highway to a four-lane expressway on SR 14 from PM 45.9-53.0 in Kern County to improve safety, improve multimodal access through shoulder widening, build/improve drainage and wildlife crossing structures, improve rural community lifeline access, improve freight access and goods movement.	\$47,000		X	X		X		X
CV_189	Central Valley	Inter/Intra-state	09	KER	14	Freeman Gulch 2	Convert 2-lane conventional highway to a four-lane expressway on SR 14 from PM 45.9-53.0 in Kern County to improve safety, improve multimodal access through shoulder widening, build/improve drainage and wildlife crossing structures, improve rural community lifeline access, improve freight access and goods movement.	\$68,000		X	X		X		X
CV_190	Central Valley	Inter/Intra-state	09	KER	58	SR 58 Truck Climbing Lane	SR 58 Truck Climbing Lane: Construct eastbound truck climbing lane to improve air quality via throughput, connectivity and accessibility of a major freight corridor from the Central Valley to parts east, improve safety by removing slow moving trucks from steep grades, and improve the connectivity and resiliency of the freight system to eastern markets.	\$180,000		X	X		X		X
CV_191	Central Valley	Inter/Intra-state	09	KER	58	Upgrade SR 58 from PM M117.0 to PM R129.7 from an expressway to a restricted access freeway.	Upgrade SR 58 from PM M117.0 to PM R129.7 from an expressway to a restricted access controlled freeway to improve safety; improve bridges, pavement and structures; and better define the access and connectivity of the highway to improve the freight system.	\$83,000		X			X		X
CV_192	Central Valley	Inter/Intra-state	10	MER	99	PM R28.2/R37.3, South Bound Livingston Widening from two to three lanes	Caltrans proposes the construction of a new freeway lane in the southbound direction by widening the median. The project is on State Route 99 (SR 99) and starts 0.80 miles south of the Hammatt Avenue Overcrossing located at post mile (PM) R28.2 and ends at the Merced/Stanslaus County line located at PM R37.3 in Merced County. The proposed Livingston Southbound Median Widening project (Project) will widen the existing two lane freeway to a three lane freeway in the southbound direction to provide capacity needed to accommodate growth in traffic forecasted through the year 2035.	\$37,420	X	X					
CV_193	Central Valley	Inter/Intra-state	10	SJ	99	PM 4.6/6.3, SR 99 and SR 120 Interchange Improvements (west)	PM 4.6/6.3, SR 99 and SR 120 Interchange Improvements (west)	\$60,511	X	X		X	X	X	X
CV_194	Central Valley	Inter/Intra-state	10	SJ	205	PM 0.8/2.0, Convert the existing compact Diamond interchange to a partial cloverleaf interchange	PM 0.8/2.0, Convert the existing compact Diamond interchange to a partial cloverleaf interchange	\$19,200	X	X		X	X	X	X

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CV_195	Central Valley	Inter/Intra-state	10	SJ	580	PM 13.0/14.2, Mountain House Parkway (MHP) at I-580 Interchange	PM 13.0/14.2, Mountain House Parkway (MHP) at I-580 Interchange	\$5,760	X	X		X	X	X	X
CV_196	Central Valley	Inter/Intra-state	10	SJ	580	PM 12.6, /14.3, Convert the compact diamond interchange to a Divergent Diamond Interchange	PM 12.6, /14.3, Convert the compact diamond interchange to a Divergent Diamond Interchange	\$22,000	X	X		X	X	X	X
CV_197	Central Valley	Inter/Intra-state	10	STA	99	SR 99/Service Rd/ Mitchell Rd Interchange	PM 9.5/R11.4, Construct a full interchange in a diverging diamond configuration at SR 99/Service Road, a partial interchange with ramps connecting Mitchell Road and SR 99 to the south, and various improvements on the local roads within the project limits.	\$134,000	X	X			X	X	
CV_198	Central Valley	Inter/Intra-state	10	STA	132	132 Extension Dakota to Gates	5.5/11.5, SR 132 Dakota Avenue to Gates Road Capacity Improvement	\$117,000	X	X		X	X	X	
CV_199	Central Valley	Inter/Intra-state	10	STA	132	State Route 99 to Dakota Ave (Phase 2 Ultimate 4 lane facility with SR-99 connections)	11.0/15.0, Sta -132, 15.7/17.5, Sta 99, 99 to Dakota, 2 to 4 lanes	\$160,000	X	X		X		X	X
CV_200	Central Valley	Inter/Intra-state	10	STA	OFF	North County Corridor	STA-108,120-R27.5/R45.5,10.5/R12.5 to Tully Road: Construct a two to six lane expressway.	\$680,000	X	X		X	X	X	X
CV_201	Central Valley	Inter/Intra-state	10	STA	OFF	Crows Landing Road	On Crows Landing Road, replace and upgrade the San Joaquin River Bridge-- Seismic Bridge replacement - 3-lane Bridge	\$18,000	X	X		X		X	
CV_202	Central Valley	Inter/Intra-state	10	STA	OFF	Dale Road Widening I	Widen Dale Road from 4 to 6 lanes, from Pelandale Avenue to Kiernan Road	\$7,600	X	X				X	X
CV_203	Central Valley	Inter/Intra-state	10	STA	OFF	Dale Road Widening II	Widen Dale Road from 4 to 6 lanes, from Pelandale Avenue to Kiernan Road	\$3,800	X	X		X	X	X	
CV_204	Central Valley	Inter/Intra-state	10	STA	OFF	Faith Home	Construct 4 lane Expressway on Faith Home Road from Hatch Road to Garner Road	\$71,700	X	X		X	X	X	
CV_205	Central Valley	Inter/Intra-state	10	STA	OFF	McHenry	Widen McHenry Avenue Between Ladd Road and Stanislaus River Bridge to 5 lanes	\$13,025	X	X		X	X	X	
CV_206	Central Valley	Inter/Intra-state	10	STA	OFF	Seventh Street	On Seventh Street replace and upgrade Tuolumne River Bridge--Seismic Bridge replacement;	\$45,000	X	X					
CV_207	Central Valley	Inter/Intra-state	10	STA	OFF	South County Corridor	Construct 2-6 Lane Expressway on new alignment, Turlock City Limits to Interstate 5	\$278,000	X	X		X		X	

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LAIE_209	Los Angeles / Inland Empire	Port Access	07	LA	47	SR 47 Navy Way Interchange	Construction of interchange at SR 47/Navy Way to eliminate traffic signal and movement conflicts; this project was a S. CA trade corridor Tier II TCIF project as submitted to the CTC in 2008; project removes last signal on SR 47 between Desmond and V. Thomas bridges, NHS intermodal connector route	\$50,000	X	X	X	X	X	X	X
LAIE_210	Los Angeles / Inland Empire	Port Access	07	LA	47	SR 47/Vincent Thomas Bridge/Front St. Interchange	New westbound SR 47 on- and off-ramps at Front Street just west of the Vincent Thomas Bridge and eliminate the existing non-standard ramp connection to the Harbor Boulevard off-ramp; Front Street is an NHS connector. The project also includes realigned eastbound and westbound SR 47 on-ramps.	\$31,600		X	X	X	X	X	X
LAIE_211	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Long Beach	This component (Fourth Track at Ocean Boulevard) will add a 3,000-foot railroad track to eliminate a bottleneck at the Ocean Boulevard overcrossing, realign the existing lead track, and reconfigure crossovers and turnouts. project includes 1) add a 3,000 ft railroad track, 2) slide existing track eastward, 3) relocate retaining wall, 4) relocate harbor scenic drive 15 ft eastward, 5) narrow harbor scenic drive's shoulders, 6) construct retaining walls along the affected roadway, 7) protect utility casing, 8) modify centralized traffic control (CTC), control point (CP) ocean, 9) protect bridge column	\$25,000	X	X	X	X	X	X	X
LAIE_212	Los Angeles / Inland Empire	Port Access	07	LA	OFF	POLA Pier 300 modernization	Port of Los Angeles zero emission (ZE)/truck trip reduction/freight efficiency program: Pier 300 railyard modernization	\$100,000	X	X	X	X	X	X	X
LAIE_213	Los Angeles / Inland Empire	Port Access	07	LA	OFF	POLA West Basin Container Terminal - railyard upgrades, electrified rail-mounted gantry cranes	Port of Los Angeles zero emission (ZE)/truck trip reduction/freight efficiency program: west basin container terminal railyard modernization	\$60,000	X	X	X	X	X	X	X
LAIE_214	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Los Angeles	Zero emission (ZE)/truck trip reduction/freight efficiency program: TICTF modernization (16-track railyard operated w/electrified rail-mounted gantry cranes.	\$100,000	X	X	X	X	X	X	X
LAIE_215	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Los Angeles	Alameda Corridor Southern Terminus Gap Closure project. This project will provide separate rail access to two adjacent on-dock railyards, thus eliminating the potential for train collisions. The new double track segment will also reduce moving train blockages at two immediately adjacent rail crossings on roadways, which also reduces the potential for train-vehicular collisions.	\$9,500	X	X	X	X	X	X	X
LAIE_216	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Pico Ave. widen and rebuild	Widen and rebuild Pico Ave. from Pier D Ave. to Pier E Street. Prepare PS&E. Work includes widening, replace existing pavement POLB lead signing/stripping.	\$5,900	X	X	X		X	X	X
LAIE_217	Los Angeles / Inland Empire	Port Access	07	LA	OFF	PAVEMENT, CAPACITY EXPANSION, LANDSCAPE IMPROVEMENTS.	HARBOR SCENIC DRIVE FROM I-710 TO PIER J AVENUE BRIDGE (ROADWAY IMPROVEMENT AND REHABILITATION) - REPLACE THE EXISTING PAVEMENT FULL DEPTH ON HARBOR SCENIC DRIVE FROM HARBOR PLAZA TO GRADE SEPARATION SOUTHERLY. PROJECT IS TO IMPROVE SAFETY FEATURES, CAPACITY, AND LANDSCAPE. IMPROVE OPERATION EFFICIENCY WITH ADVANCE SIGNAGE. ENHANCE LANDSCAPE.	\$23,700	X	X			X	X	X
LAIE_218	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port project - realignment	Pier D Street realignment project. Realign Pier D St between middle harbor out gate and Pico Ave and Broadway between old POLB maintenance yard (western terminus) of the roadway) and Pico Ave.	\$32,000	X	X	X	X	X	X	X
LAIE_219	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Pier B Street Freight Corridor Reconstruction	(1) Realigns Pier B St between Pico Av and Anaheim St and widens into 2 lanes in each direction to improve goods movement mobility and enhance pedestrian travel. (2) Realigns Pico Ave to the west from Pier B St/I-710 Ramps to Pier D St. (3) Constructs new sidewalk on the south side of Pier B St and along the west side of Pico Ave. (4) Close the at-grade railroad crossing at 9th Street.	\$150,000	X	X	X	X	X	X	X
LAIE_220	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Pier G Ave. STORMWATER, SEWER AND STREET PAVEMENT	Roadway improvements and utility enhancements for water, stormwater, sewer, and street pavement. Utility improvements are combined with the roadway improvements for preventative maintenance and cost efficiency.	\$15,000	X		X		X	X	X

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LAIE_221	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Long Beach	Terminal Island Wye Track Realignment - this project will provide for double tracking the south leg of the wye to accommodate simultaneous train switching moves from these various activities on terminal island.	\$40,000	X	X	X	X	X	X	X
LAIE_222	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Los Angeles	Terminal Island railyard enhancement project: Provide five additional storage tracks adjacent to the Pier 400 rail yard	\$34,000	X	X	X	X	X	X	X
LAIE_223	Los Angeles / Inland Empire	Port Access	07	LA	OFF	POLB Pier B Reconstructon	Pier B Intermodal Railyard Expansion. Project will expand Pier B intermodal railyard to facilitate additional rail shipments.	\$720,000	X	X	X	X	X	X	X
LAIE_224	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Los Angeles	Alameda Corridor enhancement - triple track s/o Thenard Junction	\$20,000	X	X	X		X	X	X
LAIE_225	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Los Angeles	Alameda Corridor southern terminus enhancement- b200 railyard connection expansion (2nd track)	\$20,000	X	X	X		X	X	X
LAIE_226	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Los Angeles	Alameda Corridor terminus enhancement - new Cerritos Channel rail bridge	\$400,000	X	X			X	X	X
LAIE_227	Los Angeles / Inland Empire	Port Access	07	LA	OFF	Port of Los Angeles	Terminal island railyard enhancement, Phase II - Pier 400 second lead track	\$15,000	X	X	X	X	X	X	X
LAIE_228	Los Angeles / Inland Empire	Port Access	07	VEN	OFF	Port of Hueneme ITS, solar installation, EV charging for reefers	Port Corridor Optimization & Efficiency Project includes reconfiguration of terminal traffic circulation, intelligent transportation systems (ITS), electrical system upgrades for reefers, and a solar power component to progress zero emission initiatives.	\$12,000	X	X	X	X	X	X	X
LAIE_229	Los Angeles / Inland Empire	Port Access	07	VEN	OFF	Port of Hueneme capacity expansion - auto import/export parking structure, ITS	Stacked Project (Structure for Transfer of Automobiles Creating Key Economic Development) will entail a 3 story tall parking like structure for a last/first point of rest for automobile exports/imports. It will increase Port capacity by 33%, increase efficiency with ITS technology and electrical upgrades with solar power. It will create 724 new long-term jobs, \$36.5 million in local business revenue, and \$6 million in state/local tax revenue.	\$40,000	X	X	X	X	X	X	X
LAIE_230	Los Angeles / Inland Empire	Port Access	07	VEN	OFF	Port of Hueneme EV charging stations, solar installation, energy storage	LEAP: Leading Electric Advancements for Ports Project will include Solar panel installation, clean energy storage, 3 UTRs, and the infrastructure for new clean energy charging stations for port ZEVs.	\$2,300	X	X	X	X	X	X	X
LAIE_231	Los Angeles / Inland Empire	Port Access	07	VEN	OFF	Port Capacity expansion - In widening	Hueneme Rd from Oxnard City limits to Rice Rd - widen from 2 to 4 lanes (Phase I)	\$7,000	X	X		X	X	X	X
LAIE_232	Los Angeles / Inland Empire	Port Access	07	VEN	OFF	Port of Hueneme Intermodal Improvement Project	Port of Hueneme Intermodal Improvement Project to modernize the Port's wharf and pier and cargo facilities including deepening the water depth from the channel to vessel berths and extending rail for on-terminal access.	\$30,800	X	X	X	X	X	X	X
LAIE_233	Los Angeles / Inland Empire	Port Access	07	VEN	OFF	Port of Hueneme Intermodal Infrastructure Project	The Port of Hueneme Intermodal Infrastructure Project will include dredging of the harbor channel from 35 ft. to 40 ft. deep to accommodate heavier ships with more cargo on them, modernization of cargo facilities and on-dock rail spur updating.	\$19,000	X	X	X	X	X	X	X
LAIE_234	Los Angeles / Inland Empire	Port Access	07	VEN	OFF	Port Hueneme Intermodal Improvement Project	Intermodal Improvement Project: Wharf & Berth Improvements includes repaving of the terminal surfaces at each of the Berths.	\$3,300	X	X			X	X	X
LAIE_235	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	Link Union Station Phase A: Track and Signal Modernization	Link Union Station Phase A: Track and Signal Modernization Project to modernize track and signal systems in the throat of LA Union Station necessary prior to construction of Link U.S. project. Link U.S. transforms Union Station from a stub-end station to a run-through station, extending tracks over U.S. 101 and allows for trains to enter or exit the station from both the north and south ends.	\$80,000	X	X	X	X	X	X	X
LAIE_236	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	Antelope Valley Line	Antelope Valley Line capacity improvement project: add capacity between Los Angeles Union Station and Lancaster where UP operates freight trains. Phase I includes double track sections, Burbank Junction speed improvements, and signal respacing. The project will eliminate rail bottlenecks and improve travel time and reliability for both freight and commuter rail.	\$856,400	X	X	X	X	X	X	

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LAIE_237	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	LANE EXPANSION, HS RAIL ALIGNMENT	Brighton to Roxford double track: This project adds 11 miles of 2nd track between Burbank and Sylmar on Metrolink's Antelope Valley Line (AVL). The project will eliminate the current bottleneck and improve on time performance and operational reliability on the AVL. This project will be designed to be compatible with the potential future high speed rail alignment.	\$238,000	X	X	X	X	X	X	
LAIE_238	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	DOUBLE TRACK FOR SHARED FREIGHT / COMMUTER RAIL	Lone Hill Avenue to Control Point (CP) White Double Track. With the proposed 3.9 mile project segment, an existing siding will be lengthened to provide 8.1 miles of continuous double track between Lone Hill Ave and CP Central. The project is currently in the PAED phase.	\$130,000	X	X	X	X	X	X	
LAIE_239	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	LA Urban Mobility Corridor – LA-Fullerton Segment: I-5/710 Flyover	LA Urban Mobility Corridor – LA-Fullerton Segment: I-5/710 Flyover: (Construct a two-track, passenger-only elevated structure to carry passenger trains over freight tracks to the south side of BNSF ROW, eliminating passenger-versus-freight conflicts).	\$52,000	X	X	X	X	X	X	X
LAIE_240	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	LA Urban Mobility Corridor - LA-Fullerton Segment: New Commerce Intermodal Facility	LA Urban Mobility Corridor - LA-Fullerton Segment: New Commerce Intermodal Facility (Property acquisition to allow current Commerce Intermodal Facility to shift south and accommodate separation of freight and passenger conflicts).	\$96,400	X	X	X	X	X	X	X
LAIE_241	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	LA Urban Mobility Corridor - LA-Fullerton Segment: 26th Street ROW Acquisition	LA Urban Mobility Corridor - LA-Fullerton Segment: 26th Street ROW Acquisition (Acquisition of the northern half of 26th Street to allow BNSF to construct new tracks at Hobart Yard, allowing BNSF to vacate the West Bank Yard. Relocating BNSF's West Bank Yard activity is a prerequisite to enable full utilization of the first run-through tracks at Los Angeles Union Station, which are to be operational by 2026.	\$296,900	X	X	X	X	X	X	X
LAIE_242	Los Angeles / Inland Empire	Rail Systems	07	LA	OFF	LA Urban Mobility Corridor – LA-Fullerton Segment: Malabar Yard Connector/49th Street Closure	LA Urban Mobility Corridor – LA-Fullerton Segment: Malabar Yard Connector/49th Street Closure (Constructs a new section of track to connect BNSF Malabar Yard with the Los Angeles Railway Junction through E 46th Street and permanently closes the 49th Street grade railroad crossing).	\$20,600	X	X	X	X	X	X	X
LAIE_243	Los Angeles / Inland Empire	Rail Systems	08	SBD	OFF	San Bernardino Intermodal Rail Yard	Track and intermodal yard improvements (phases 1 through 4)	\$800,000	X	X	X	X	X	X	X
LAIE_244	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation --Montebello	At Grade Crossing Safety Improvement	\$7,000	X	X	X	X	X	X	X
LAIE_245	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation -- Montebello	Montebello/Maple	\$164,800	X	X	X	X	X	X	X
LAIE_246	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation -- Industry/LA County	Fullerton Rd	\$152,400	X	X	X	X	X	X	X
LAIE_247	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation -- Pico Rivera	Durfee Ave	\$91,100	X	X	X	X	X	X	X
LAIE_248	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation -- Santa Fe Spring	Rosecrans Ave	\$156,400	X	X	X	X	X	X	X
LAIE_249	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation -- Industry/LA County	Turnbull Canyon Rd	\$86,200	X	X	X	X	X	X	X
LAIE_250	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation -- Los Angeles	Doran St	\$159,000	X	X	X	X	X	X	
LAIE_251	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation --San Gabriel Valley/Alhambra/LA subdivision	Grade Separation Crossing Safety Improvements	\$1,600,000	X	X	X	X	X	X	X
LAIE_252	Los Angeles / Inland Empire	Grade Separations	07	LA	OFF	Grade Separation -- Pomona	At Grade Crossing Safety Improvement	\$22,900	X	X	X	X	X	X	X
LAIE_253	Los Angeles / Inland Empire	Grade Separations	07	VEN	OFF	Oxnard Rice Ave	Grade Separation Improvements Countywide	\$79,200	X	X	X	X	X	X	X

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LAIE_254	Los Angeles / Inland Empire	Grade Separations	07	VEN	OFF	Ventura County Transportation Commission	Grade Separation Improvements Countywide	\$147,300	X	X	X	X	X	X	
LAIE_255	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Madison St. Grade Sep	In Riverside - Madison St grade separation: construct a 4- ln (2 lns in ea dir) noncapacity enhancing Madison st/BNSF underpass between Indiana ave and Peters st/Ysmael villegas st.	\$38,000	X	X	X	X	X		X
LAIE_256	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Mary Street Grade Crossing	In Riverside on Mary street: replace existing 4 ln (2 lanes in each direction) right/right crossing with a 4 ln (2 lns in each direction - non-capacity) U.C. grade separation on Mary st between Marguerite ave and Indiana ave.	\$38,000	X	X	X	X	X		X
LAIE_257	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Beaumont	California Avenue/UP Rail Crossing	\$36,000	X	X	X	X	X		X
LAIE_258	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Third St. Grade Sep	In Riverside on Third Street: replace existing 4 lane (2 in each direction) r/r/ x-ing with a 4-ln (2 lns in each direction - non-capacity) U.C. grade separation on Third St between Vine St and Park Ave	\$45,000	X	X	X	X	X		X
LAIE_259	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Jackson St. Grade Sep	Jackson St (Riverside) - construct roadway/rail grade separations	\$1,500	X	X	X	X	X		X
LAIE_260	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Ethanac Rd. Grade Sep	On Ethanac Rd from Sherman Rd. to Matthews Rd.:Widen from 2 to 4 lanes including Grade Separation over BNSF RR (Grade Separation is not part of Grade Separation list and should remain in the arterial section).	\$62,900	X	X	X	X	X		X
LAIE_261	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Menifee Rd. Grade Sep	On Menifee Rd. from SR 74 (Pinacate Rd) to Simpson Rd: Widen from 2 to 4 lanes including Grade Separation over RR (Grade Separation is not part of Grade Separation list and should remain in the arterial section).	\$57,300	X	X	X	X	X		X
LAIE_262	Los Angeles / Inland Empire	Grade Separations	08	RIV	OFF	Pennsylvania Ave. Grade Sep	Pennsylvania Ave (Beaumont) - construct roadway/rail grade separations	\$2,200	X	X	X	X	X		X
LAIE_263	Los Angeles / Inland Empire	Grade Separations	08	SBD	OFF	Mt. Verson Ave. / BNSF Grade Sep	Mt. Vernon Avenue Bridge (overhead) at BNSF Crossing. Replace Grade Separation with new 4 lane bridge from 2nd St to 5th St (0.2 miles south of Route 66) (Bridge No 54C0066) (City of San Bernardino)	\$145,400	X	X	X	X	X		X
LAIE_264	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	57	SR 57/SR 60 Interchange improvements	Route 57/60 confluence chokepoint relief program. Reconstruct Grand Avenue overcrossing. Reconstruct northbound SR 57 connector to eastbound SR 60. Construct eastbound SR 60 bypass off-ramp to Grand Avenue. Construct southbound Grand Avenue loop entrance ramp to eastbound SR 60. Construct Grand Avenue to eastbound SR 60 entrance ramp. Reconstruct the diamond bar golf course tunnel and golf course. Reconstruct Diamond Bar Boulevard entrance ramp to eastbound SR 60.	\$420,000	X	X	X		X	X	X
LAIE_265	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	60	SR 60/7th Avenue (I-605 Hot Spot Studies)	Interchange Improvement Project	\$23,100	X	X	X		X	X	X
LAIE_266	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	71	Route 71: Route 10 to San Bernardino county line (Mission Road to I-10 segment) - expressway to freeway conversion - add 1 HOV lane and 1 mixed flow lane. (2001 CFP 8349, TCRP #50) (EA# 210600, PPNO 2741) (TCRP #50).	Route 71: Route 10 to San Bernardino county line (Mission Road to I-10 segment) - expressway to freeway conversion - add 1 HOV lane and 1 mixed flow lane. (2001 CFP 8349, TCRP #50) (EA# 210600, PPNO 2741) (TCRP #50).	\$305,800	X	X	X		X	X	
LAIE_267	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	91	SR 91 Interchange	SR 91 Wilmington Ave. interchange; proposed improvements would reconfigure Wilmington Ave. interchange to a modified DDI (diverging diamond interchange)	\$49,000	X	X	X		X	X	X
LAIE_268	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	91	SR 91 Aux. Lane	EB SR 91 Atlantic Ave to Cherry Ave. Add one eastbound auxiliary lane from I-710 ramps at Atlantic Avenue to past Cherry Avenue undercrossing.	\$90,000	X	X	X		X	X	X

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LAIE_269	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	91	SR 91 Interchange	SR 91 Central Ave interchange improvements. proposed improvements would reconfigure Central Ave. interchange to a modified DDI (diverging diamond interchange)	\$49,000	X	X	X		X	X	X
LAIE_270	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	91	SR 91 WB Operational and Capacity Improvements	Improvements to the westbound SR 91 improvements project consist of adding an additional general purpose lane, adding auxiliary lanes, and on/off ramp improvements.	\$187,800	X	X	X		X	X	
LAIE_271	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	91	Add auxiliary lane between gore points, westbound from Acacia Avenue to Central Avenue	Add auxiliary lane between gore points, westbound from Acacia Avenue to Central Avenue	\$180,000	X	X	X		X	X	
LAIE_272	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	405	I-405 Aux	Add auxiliary lanes along I-405 northbound and southbound between Artesia Blvd and El Segundo to alleviate congestion and improve operations.	\$108,000	X	X	X		X	X	X
LAIE_273	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	605	I-605 City of Industry	I-605 Valley Blvd interchange improvements: the project involves the reconfiguration of SB I-605 ramp by removing the horseshoe on-ramp and adding two lanes to the on-ramp. The project will also reconstruct the SB I-605 loop off and on-ramps. Lastly, the project will add a WB through lane on Valley Blvd west of Temple Ave and add a two lane left turn pocket for SB I-605 on-ramp on WB Valley Blvd.	\$21,000	X	X	X		X	X	X
LAIE_274	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	605	I-605 South Street	SR I-605 at south street improvements project; proposed improvements on the I-605 connector South St. off ramp by adding storage capacity.	\$36,000	X	X	X		X	X	X
LAIE_275	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	605	I-605 Interchange	SB I-605 loop on and off ramp removal and reconfiguration of the existing interchange at Beverly Blvd. The southbound I-605 collector-distributor road will be removed from the mainline and the new ramps will merge/diverge directly from the mainline.	\$25,600	X	X	X		X	X	X
LAIE_276	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	605	This is an I-605 hot spot related intersection project. The purpose of this project is to replace/adjust 2 signals for the timing, alleviate the congestion and delays.	This is an I-605 hot spot related intersection project. The purpose of this project is to replace/adjust 2 signals for the timing, alleviate the congestion and delays.	\$500	X	X	X		X	X	
LAIE_277	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	710	I-710	I-710 corridor capacity enhancement - add 1 mixed flow lanes between Ocean Blvd and SR 1 (each direction), add 2 truck lanes between Willow St and Del Amo Blvd (each direction), add 1 mixed flow lanes between I-105 and SR 60 (each direction), and interchange improvements between Ocean Blvd in Long Beach and SR 60 in east Los Angeles	\$5,941,000	X	X	X	X	X	X	X
LAIE_278	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	OFF	Enhance goods movement by increasing turning radii, upgrading signals, adding lighting & signage, removing old railroad tracks, improving storm drains, & eliminating hazards. NOTE: This project is a City of Los Angeles project.	Enhance goods movement by increasing turning radii, upgrading signals, adding lighting & signage, removing old railroad tracks, improving storm drains, & eliminating hazards. This project is subject to Metro's EIR yet-to-be-determined preferred alternative for West Santa Ana Rail project. Metro expects to complete the Final EIR in 2022.	\$12,027	X	X	X		X	X	
LAIE_279	Los Angeles / Inland Empire	Inter/Intra-state	07	LA	OFF	I-605	This project is an I-605 hot spot related intersection project. The purpose of this project is to increase the left-turn storage capacity, alleviate the congestion and delays.	\$500	X	X	X		X	X	
LAIE_280	Los Angeles / Inland Empire	Inter/Intra-state	08	RIV	10	I-10 Truck Parking Availability Systems proejct	I-10 Truck Parking Availability Systems project is a collaboration with Texas, New Mexico, and Arizona to install dynamic truck parking signage along the I-10 corridor to inform truck drivers of available parking spaces in advance of reaching rest areas. The following locations within California will be installed with dynamic truck parking signage: • Wiley's Well Rest Area, • Cactus City Rest Area, • Whitewater Rest Area. • Wildwood Rest Area	\$1,440	X	X	X	X	X	X	X

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LAIE_281	Los Angeles / Inland Empire	Inter/Intra-state	08	RIV	86	Widen and construct new 6 through lane IC from east of Coachella Stormwater Channel bridge to east of Tyler St	Widen and construct new 6 through lane IC from east of Coachella Stormwater Channel bridge to east of Tyler St. Improvements include extended ramp acceleration/deceleration lanes, relocate/realign ave 50 and Tyler St, bike lanes, sidewalks, and reconstruct traffic signals. Additionally this project will mitigate flooding issues.	\$32,200	X	X	X	X	X		X
LAIE_282	Los Angeles / Inland Empire	Inter/Intra-state	08	RIV	86	Widen and construct new 6 through lane IC from east of Coachella Stormwater Channel Bridge to east of Tyler St.	At SR 86/Avenue 52: widen and construct new 6 through lane I/C from e/o Coachella Stormwater Channel bridge to e/o Tyler St. improvements include: realign Polk St and relocate Ave 52 and Polk St intersection, extended ramp acceleration/deceleration lanes, bike lanes, sidewalks, and reconstruct traffic signals (EA: 0c960). Additionally this project will mitigate flooding issues.	\$33,000	X	X	X	X	X		X
LAIE_283	Los Angeles / Inland Empire	Inter/Intra-state	08	RIV	91	SR 91/SR 71	At SR 91/SR 71 JCT: Replace EB 91 to NB 71 connector w/direct connector and reconstruct the Green River Road EB on-ramp (EA: 0F541)	\$127,000	X	X	X				
LAIE_284	Los Angeles / Inland Empire	Inter/Intra-state	08	RIV	91	Construct 1 LN westbound from Green River Road to SR 241	Construct 1 LN westbound from Green River Road to SR 241	\$50,000	X				X		
LAIE_285	Los Angeles / Inland Empire	Inter/Intra-state	08	RIV	OFF	In western Riverside County in March IPA area - construct new extension of Van Buren Blvd from March Field Air Museum to Nandina Ave with 4 lane arterial with center turn median.	In western Riverside County in March IPA area - construct new extension of Van Buren Blvd from March Field Air Museum to Nandina Ave with 4 lane arterial with center turn median. March airfield includes a general aviation terminal and Amazon shipping terminal.	\$8,800	X	X					X
LAIE_286	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	10	I-10 Eastbound truck climbing lane	I-10 EB truck climbing lane: continue the existing eastbound truck climbing lane on I-10 from the 16th St bridge in the city of Yucaipa for about 3 miles to just east of the county line road undercrossing. The project includes a transition lane to allow trucks to merge with general traffic and may include minor structural improvements to accommodate for lane widening (PPNO 3009q)	\$34,600	X	X	X	X	X		X
LAIE_287	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	10	Accelerated Freight Bridges	Accelerated Freight Bridges Project (EA 1J210): <ul style="list-style-type: none"> Investigation of six bridges along I-10 and SR 60 within San Bernardino and Riverside Counties for needs to strengthen/replace bridges or rehabilitate decks. Upon inspection, Ramona Avenue OC (Bridge #54-0745) at SBD-60-PM R1.37 will need to be addressed. *This project is part of a larger project that includes D7's accelerated freight bridges at various locations along SR 60 within Los Angeles County.	\$27,500	X	X		X	X	X	X
LAIE_288	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	10	I-10 corridor express lane widening (contract 1): from San Antonio Ave to I-10/I-15 IC; implement 2 express lanes in each direction for a total of 4 general purpose and 2 express lanes in each direction and aux lane widening, undercrossings, overcrossings, and reconstruction of ramps and lane transitions where needed.	I-10 corridor express lane widening (contract 1): from San Antonio Ave to I-10/I-15 IC; implement 2 express lanes in each direction for a total of 4 general purpose and 2 express lanes in each direction and aux lane widening, undercrossings, overcrossings, and reconstruction of ramps and lane transitions where needed.	\$690,600	X	X	X	X			X

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LAIE_289	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	10	Colton: Mt. Vernon Ave Bridge widening over I-10: Widen Mt. Vernon Bridge structure (3-4 lanes; 1 new SB lane) to accommodate new dedicated turn and bike lanes, widen Mt. Vernon Ave (2-4 lanes) from I-10 EB off/on-ramps to approx. 300 FT south along Mt. Vernon; realign Mt. Vernon & E Valley Blvd Intersection; Relocate WB on-ramp (remains 1 lane at the mainline).	Colton: Mt. Vernon Ave Bridge widening over I-10: Widen Mt. Vernon Bridge structure (3-4 lanes; 1 new SB lane) to accommodate new dedicated turn and bike lanes, widen Mt. Vernon Ave (2-4 lanes) from I-10 EB off/on-ramps to approx. 300 FT south along Mt. Vernon; realign Mt. Vernon & E Valley Blvd Intersection; Relocate WB on-ramp (remains 1 lane at the mainline).	\$53,800	X	X	X	X	X		X
LAIE_290	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	10	I-10 at Cedar Ave. between Slover and Bloomington - From Bloomington to Orange, reconstruct IC - Widen 4-6 lanes with left and right turn lanes; Add 1 lane to the EB off ramp which goes beyond the gore area; Add 2 lanes on the WB off ramp within the gore area; Pavement rehab From Orange to Slover (remains 4 lanes).	I-10 at Cedar Ave. between Slover and Bloomington - From Bloomington to Orange, reconstruct IC - Widen 4-6 lanes with left and right turn lanes; Add 1 lane to the EB off ramp which goes beyond the gore area; Add 2 lanes on the WB off ramp within the gore area; Pavement rehab From Orange to Slover (remains 4 lanes).	\$79,200	X	X	X	X			
LAIE_291	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	15	I-15 express lanes: construct 2 new express lanes in each direction b/w SR 60 & SR 210, construct 1 express In in each direction b/w Cantu-Galleano Ranch Rd & SR 60 and 1 express In in each direction b/w SR 210 and Duncan Canyon Rd. Additional improvements to aux In widening, undercrossings, and reconstruction of ramps and lane transitions where needed.	I-15 express lanes: construct 2 new express lanes in each direction b/w SR 60 & SR 210, construct 1 express In in each direction b/w Cantu-Galleano Ranch Rd & SR 60 and 1 express In in each direction b/w SR 210 and Duncan Canyon Rd. Additional improvements to aux In widening, undercrossings, and reconstruction of ramps and lane transitions where needed.	\$476,600	X	X	X	X			X
LAIE_292	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	60	Ramp improvements and local road improvements	SR 60 at Archibald Avenue; widen WB and EB entry ramps (add 1 lane), widen WB and EB exit ramps (add left turn lane), add additional left turn lane from Archibald Ave to SR 60 entry ramps. (non-capacity enhancing along Archibald).	\$14,600	X	X	X	X			
LAIE_293	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	60	Grove Ave IC	Interchange reconstruction and Grove Ave +/- 300 feet N/S of SR 60 widen from 4-6 lanes (PA&ED Only)	\$7,600	X	X	X	X			X
LAIE_294	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	138	Gap Closure in 4-Lane Facility on an Alternate Goods Movement Corridor (STAA Route)	1-Mile Gap Closure at and near BNSF Bridges, on an Alternate Goods Movement Route (STAA Route): SBD-138-PM 14.2/15.2 • Close a 1-mile long gap (which includes 2 BNSF bridges) where the 4-lane highway reduces to 2 lanes, creating a bottleneck for freight and passenger vehicles on this route. This project will mitigate head on collisions caused by passing slower vehicles. Note: These two SR 138 projects combined will complete a consistent 4-lane corridor for the entire route.	\$25,000	X	X			X		

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LAIE_295	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	138	138 Gap Closure	2-Mile Gap Closure, on an Alternate Goods Movement Route (STAA Route), between Phelan Road and San Bernardino/Los Angeles County Line: SBD-138-PM 0.0/2.4 • Close a 2.4-mile gap of SR 138 where the 4-lane highway reduces to 2 lanes. This project will mitigate head on collisions caused by passing slower vehicles. Note: These two SR 138 projects combined will complete a consistent 4-lane corridor for the entire route.	\$26,000	X	X				X		
LAIE_296	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	210	SR 210/5th St IC Improvements: Widen & restripe 5th St (4-6 lanes) from east edge of City Creek Bridge to the EB SR 210 ramps w/additional turn pockets plus 2 truck access lanes; Widen & restripe 5th St (6-8 lanes) under SR 210 b/w EB & WB ramps, incl. additional thru & turn lanes; Widen the EB & WB on-ramps 2-3 lanes, widen the EB & WB off-ramps 1-2 lanes, all ramps remain 1 ln at the mainline. (Combines prior projects 2011153 & 2011154)	SR 210/5th St IC Improvements: Widen & restripe 5th St (4-6 lanes) from east edge of City Creek Bridge to the EB SR 210 ramps w/additional turn pockets plus 2 truck access lanes; Widen & restripe 5th St (6-8 lanes) under SR 210 b/w EB & WB ramps, incl. additional thru & turn lanes; Widen the EB & WB on-ramps 2-3 lanes, widen the EB & WB off-ramps 1-2 lanes, all ramps remain 1 ln at the mainline. (Combines prior projects 2011153 & 2011154)	\$9,700	X	X	X	X				
LAIE_297	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	395	U.S. 395 (Hesperia, Victorville, & Adelanto) from Chamberlaine Way to 1.8 mi s/o Desert Flower Road -interim widening-widen from 2-4 lanes and add left turn channelization at intersections (EA 0f632 phase ii SEQ 9)	U.S. 395 (Hesperia, Victorville, & Adelanto) from Chamberlaine Way to 1.8 mi s/o Desert Flower Road -interim widening-widen from 2-4 lanes and add left turn channelization at intersections (EA 0f632 phase ii SEQ 9)	\$24,000	X	X				X		
LAIE_298	Los Angeles / Inland Empire	Inter/Intra-state	08	SBD	OFF	GREEN TREE BLVD EXTENSION	GREEN TREE BLVD AT AT&SF RAILROAD CONSTRUCT 4-LANE BR & CONNECT TO HESPERIA & RIDGECREST RD	\$41,500	X	X	X	X	X			X
LAIE_299	Los Angeles / Inland Empire	Inter/Intra-state	08	Various	VAR	Last Mile Freight Pilot Initiatives	Last Mile Freight Pilot Initiatives	\$5,000	X	X	X	X	X	X	X	X
LAIE_300	Los Angeles / Inland Empire	Inter/Intra-state	12	ORA	5	I-5 Add MF Lane	I-5 (I-405 to SR 55) - in the cities of Irvine and Tustin. Add 1 MF lane NB from truck bypass on ramp to SR 55, add 1 MF lane SB from SR 55 to Alton; improving merging. (project b)	\$457,000	X							X
LAIE_301	Los Angeles / Inland Empire	Inter/Intra-state	12	ORA	55	SR 55 widening between I-405 and I-5	SR 55 widening between I-405 and I-5 - add 1 MF and 1 HOV lane each direction and fix chokepoints from I-405 to I-5; add 1 aux lane each direction between select on/off ramp and non-capacity operational improvements through project limits	\$410,900	X							X
NC_302	Northern California	Inter/Intra-state	01	LAK	29	Lake 29 Widening and Truck Lane	Lake 29 Widening and Truck Lane	\$94,000	X	X		X	X			X
NC_303	Northern California	Inter/Intra-state	02	SHA	5	I-5 Big & Tall (Acc'd Freight Bridge)	Remove vertical clearance and load carrying capacity restrictions along mainline I-5	\$39,249			X	X	X			X
NC_304	Northern California	Inter/Intra-state	02	SHA	5	Fix 5 Cascade Gateway	In Shasta County, in Redding, from 0.3 miles north of Cypress Ave OC to north of Oasis Rd OC, incorporate changeable / movable lanes to enhance freight safety and mobility.	\$94,965	X					X		X
NC_305	Northern California	Inter/Intra-state	03	NEV	20	Repair distressed pavement; replace culverts and sign panels; repair/upgrade existing curb ramps, replace TMS elements (4H070)	Repair distressed pavement; replace culverts and sign panels; repair/upgrade existing curb ramps, replace TMS elements (4H070)	\$29,700	X	X				X	X	X

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NC_306	Northern California	Inter/Intra-state	03	NEV	49	SR 49 Corridor improvement project in Nevada County from 0.1 mile north of La Barr Meadows Road to McKnight Way construct NB truck climbing lane. (3H510)	SR 49 Corridor improvement project in Nevada County from 0.1 mile north of La Barr Meadows Road to McKnight Way construct NB truck climbing lane. (3H510)	\$77,700	X	X	X	X	X	X	X
NC_307	Northern California	Inter/Intra-state	03	NEV	80	Yuba Pass SOH Bridge Replacement. I-80 near Emigrant Gap: Replace bridges, widen WB direction for truck climbing lane, install TMS elements (2020 SHOPP) (3H560)	Yuba Pass SOH Bridge Replacement. I-80 near Emigrant Gap: Replace bridges, widen WB direction for truck climbing lane, install TMS elements (2020 SHOPP) (3H560)	\$84,000	X	X	X	X	X	X	X
NC_308	Northern California	Inter/Intra-state	03	NEV	80	In Placer County near Soda Springs from Troy Road Undercrossing to Nevada County line. Roadway Rehabilitation and Truck Climbing Lanes. (EA 1H990) 0317000043 In Placer County near Soda Springs from Troy Road Undercrossing to Nevada County line. Roadway Rehabilitation and Truck Climbing Lanes. (EA 1H990)	In Placer County near Soda Springs from Troy Road Undercrossing to Nevada County line. Roadway Rehabilitation and Truck Climbing Lanes. (EA 1H990) 0317000043 In Placer County near Soda Springs from Troy Road Undercrossing to Nevada County line. Roadway Rehabilitation and Truck Climbing Lanes. (EA 1H990)	\$93,000	X	X	X	X	X	X	X
NC_309	Northern California	Inter/Intra-state	03	YUB	70	Near Marysville, from Laurellen Road to South Honcut Creek Bridge (#16-0020) - Widen shoulders and improve clear recovery zone [PM 16.2/25.8] (Toll credits for PE, ROW, CON). Toll Credits for ENG, ROW, CON; add continuous a two-way left turn lane (TWLTL) throughout the project; 2 separate passing lanes are planned in each direction. Each one is less than a mile in length (PM 16.2/25.8); overlay with RHMA; replace and extend culverts; install TMS elements, fiber optic system elements, and lighting intersection; and install a classification station (CAL20679)	Near Marysville, from Laurellen Road to South Honcut Creek Bridge (#16-0020) - Widen shoulders and improve clear recovery zone [PM 16.2/25.8] (Toll credits for PE, ROW, CON). Toll Credits for ENG, ROW, CON; add continuous a two-way left turn lane (TWLTL) throughout the project; 2 separate passing lanes are planned in each direction. Each one is less than a mile in length (PM 16.2/25.8); overlay with RHMA; replace and extend culverts; install TMS elements, fiber optic system elements, and lighting intersection; and install a classification station (CAL20679)	\$104,640	X	X			X	X	X
SDIC_310	San Diego - Imperial County Border	Port Access	11	IMP	7	Calexico East Port of Entry Truck Crossing Improvement	Expansion of the Calexico East Port of Entry- widen bridge over the All-American Canal (canal serves at U.S./Mexico border) and increase the number of commercial vehicle lanes from existing 3 to 6 lanes; add 6 new northbound privately owned vehicle (POV) lane; pedestrian pathway improvements including shaded sidewalks and transit lot (pick-up and drop-off area)	\$100,000	X	X					X
SDIC_311	San Diego - Imperial County Border	Port Access	11	IMP	7	Calexico East Port of Entry Bridge expansion	Calexico East Port of Entry Bridge expansion	\$30,000		X	X	X		X	X

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									Multimodal Mobility	Economic Prosperity	Environmental Stewardship	Healthy Communities	Safety and Resiliency	Asset Management	Connectivity and Accessibility
SDIC_312	San Diego - Imperial County Border	Port Access	11	IMP	98	Widen SR 98 between Dogwood Road and V.V. Williams Ave.	Widen SR 98 between Dogwood Road and V.V. Williams Ave.	\$50,000		X			X	X	X
SDIC_313	San Diego - Imperial County Border	Port Access	11	IMP	98	Widen SR 98 between Ollie Ave. and Rockwood Dr.	Widen SR 98 between Ollie Ave. and Rockwood Dr.	\$11,000		X			X	X	X
SDIC_314	San Diego - Imperial County Border	Port Access	11	IMP	186	Bridge and highway realignment to Andrade POE	Bridge and highway realignment to Andrade POE	\$40,000		X	X	X	X	X	X
SDIC_315	San Diego - Imperial County Border	Port Access	11	IMP	OFF	Calexico East Port of Entry Commercial Vehicle Enforcement Facility (CVEF) modernization: Improvements to the CVEF	Calexico East Port of Entry Commercial Vehicle Enforcement Facility (CVEF) modernization: Improvements to the CVEF	\$30,000		X	X		X	X	
SDIC_316	San Diego - Imperial County Border	Port Access	11	IMP	OFF	Menvielle Road Widening - Widen to four lanes, from Carr Road to SR 98	Menvielle Road Widening - Widen to four lanes, from Carr Road to SR 98	\$50,000		X	X		X	X	X
SDIC_317	San Diego - Imperial County Border	Port Access	11	SD	11	Construct the Otay Mesa East Port of Entry and CVEF	SR 11 Segment 3 (Land Port of Entry) location, from existing SR 11 to future Otay Mesa East POE	\$380,000	X	X	X	X	X	X	X
SDIC_318	San Diego - Imperial County Border	Port Access	11	SD	15	Vesta Bridge Phase 1 and operational improvements SR 15, Main, Harbor, and 32nd Streets	Vesta Bridge Phase 1 and operational improvements SR 15, Main, Harbor, and 32nd Streets	\$54,000		X			X	X	X
SDIC_319	San Diego - Imperial County Border	Port Access	11	SD	905	Otay Mesa Port of Entry Commercial Vehicle Enforcement Facility (CVEF) modernization: Improvements to the CVEF to reflect GSA's proposed Otay Mesa POE Modernization Project	Otay Mesa Port of Entry Commercial Vehicle Enforcement Facility (CVEF) modernization: Improvements to the CVEF to reflect GSA's proposed Otay Mesa POE Modernization Project	\$50,000		X	X	X	X	X	X
SDIC_320	San Diego - Imperial County Border	Port Access	11	SD	OFF	Border Wait Times - Install the remaining border wait times equipment (northbound) at all CA-BC land POEs, SR 11 tolling equipment, and Regional Border Management System	Border Wait Times - Install the remaining border wait times equipment (northbound) at all CA-BC land POEs, SR 11 tolling equipment, and Regional Border Management System	\$50,000	X	X	X	X	X		X
SDIC_321	San Diego - Imperial County Border	Port Access	11	SD	OFF	Otay Mesa Truck Route Phase 4	Otay Mesa Truck Route Phase 4	\$14,600		X		X	X	X	X
SDIC_322	San Diego - Imperial County Border	Port Access	11	SD	OFF	La Media Road North	La Media Road North	\$50,000	X	X			X	X	X
SDIC_323	San Diego - Imperial County Border	Port Access	11	SD	OFF	Tenth Avenue Marine Terminal Optimization Project	Tenth Avenue Marine Terminal Optimization Project	\$38,000	X	X	X	X		X	X

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SDIC_324	San Diego - Imperial County Border	Port Access	11	SD	OFF	Bridge between OM POE and CVEF to coincide with improvements at both facilities	Bridge between OM POE and CVEF to coincide with improvements at both facilities	\$50,000		X			X	X	X
SDIC_325	San Diego - Imperial County Border	Port Access	11	SD	OFF	Appointment systems and truck excess weight program at POEs	Appointment systems and truck excess weight program at POEs	\$30,000					X	X	
SDIC_326	San Diego - Imperial County Border	Port Access	11	SD	OFF	National City Marine Terminal rail improvements and electrical and other infrastructure and equipment	National City Marine Terminal rail improvements and electrical and other infrastructure and equipment	\$15,000	X	X	X	X		X	X
SDIC_327	San Diego - Imperial County Border	Port Access	11	SD	OFF	Designated Freight Route: Dedicated lanes (where feasible) and signal priority for truck freight along Harbor Drive between TAMT/Cesar Chavez Pkwy, NCMT and connections to I-5. Includes expansion of Port Tenants' freight signal prioritization project (FSP), queue jumps, delineators and signage. Generally aligned in the #1 lanes and median	Designated Freight Route: Dedicated lanes (where feasible) and signal priority for truck freight along Harbor Drive between TAMT/Cesar Chavez Pkwy, NCMT and connections to I-5. Includes expansion of Port Tenants' freight signal prioritization project (FSP), queue jumps, delineators and signage. Generally aligned in the #1 lanes and median	\$50,000	X	X	X	X	X		X
SDIC_328	San Diego - Imperial County Border	Port Access	11	SD	OFF	Truck Parking Information Management System: Resource for tenants and truck operators to obtain information and potentially reserve parking resources. Could be tied to Port Freight Community Web Portal.	Truck Parking Information Management System: Resource for tenants and truck operators to obtain information and potentially reserve parking resources. Could be tied to Port Freight Community Web Portal.	\$10,000		X	X	X	X	X	
SDIC_329	San Diego - Imperial County Border	Port Access	11	SD	OFF	Vesta Bridge - Phases 2 and 3	Vesta Bridge - Phases 2 and 3	\$97,934					X	X	
SDIC_330	San Diego - Imperial County Border	Port Access	11	SD	OFF	SDIA Interior Northside Roadway	SDIA Interior Northside Roadway	\$5,000	X				X		
SDIC_331	San Diego - Imperial County Border	Port Access	11	SD	OFF	SDIA Air Cargo Facility Improvements for cargo storage and handling	SDIA Air Cargo Facility Improvements for cargo storage and handling	\$27,000	X					X	
SDIC_332	San Diego - Imperial County Border	Port Access	11	SD	VAR	I-5 Working Waterfront Access Bottleneck Relief between SR 15 and SR 54	I-5 Working Waterfront Access Bottleneck Relief between SR 15 and SR 54	\$30,000		X			X	X	X
SDIC_333	San Diego - Imperial County Border	Port Access	11	SD	VAR	I-8, SR 98, SR 111 Operational improvements including ITS equipment for truck routing	Operational improvements including ITS equipment for truck routing	\$10,000		X	X	X	X	X	X

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SDIC_334	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	Batiquitos Lagoon Double Track	The project will add .75 miles of second mainline rail track from Avenida Encinas in Carlsbad to La Costa Avenue in Encinitas across the Batiquitos Lagoon. The project also includes replacing a wooden trestle bridge, built in the 1930s, with a modern, double-track concrete rail bridge. Location: Between Avenida Encinas in Carlsbad and La Costa Avenue in Encinitas	\$95,700	X	X	X	X	X	X	X
SDIC_335	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	San Onofre-Pulgas Phase 2	The addition of 5.8 miles of second mainline rail track will be added to the main line. In addition, the project also includes the replacement of two rail bridges, the addition of a universal track crossover, and new signaling. Location between San Onofre and Pulgas	\$30,000	X	X	X	X	X		
SDIC_336	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Signal Respacing and Optimization Improvements	LOSSAN Signal Respacing and Optimization Improvements	\$16,304	X	X	X		X	X	
SDIC_337	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Del Mar Bluffs Stabilization	LOSSAN Del Mar Bluffs Stabilization	\$70,000	X	X	X		X	X	
SDIC_338	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN San Onofre Bridge Replacements	LOSSAN San Onofre Bridge Replacements	\$46,700	X	X	X		X	X	
SDIC_339	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Rose Canyon Bridge Replacements	LOSSAN Rose Canyon Bridge Replacements	\$14,200	X	X	X		X	X	
SDIC_340	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Sorrento to Miramar Double Track/Realign: Realign curve and construct second main track	LOSSAN Sorrento to Miramar Double Track/Realign: Realign curve and construct second main track	\$135,000	X	X	X		X	X	
SDIC_341	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN North Green Beach Bridge	LOSSAN North Green Beach Bridge	\$7,200	X	X	X		X	X	
SDIC_342	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Poinsettia Crossovers	LOSSAN Poinsettia Crossovers	\$32,300	X	X	X		X	X	
SDIC_343	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Sorrento Valley Blvd Safety Improvements	LOSSAN Sorrento Valley Blvd Safety Improvements	\$3,897	X	X	X		X	X	
SDIC_344	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Sorrento Valley Crossover and Safety Improvements	LOSSAN Sorrento Valley Crossover and Safety Improvements	\$32,800	X	X	X		X	X	
SDIC_345	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN Eastbrook to Shell Double Track (San Luis River Bridge)	LOSSAN Eastbrook to Shell Double Track (San Luis River Bridge)	\$75,300	X	X	X		X	X	
SDIC_346	San Diego - Imperial County Border	Rail Systems	11	SD	OFF	LOSSAN San Dieguito Double Track (includes Del Mar Platform)	LOSSAN San Dieguito Double Track (includes Del Mar Platform)	\$211,000	X	X	X		X	X	

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SDIC_347	San Diego - Imperial County Border	Inter/Intra-state	11	IMP	115	New Truck Route and Four lane Expressway from I-8/SR 7 to existing SR 115, Holtville CA	New Truck Route and Four lane Expressway from I-8/SR 7 to existing SR 115, Holtville CA	\$250,000	X	X	X	X	X		X
SDIC_348	San Diego - Imperial County Border	Inter/Intra-state	11	IMP	OFF	Forester Road: Operational Improvements, Bridge Reconstruction over New River, and Four Lane Expressway	Operational Improvements, Bridge Reconstruction over New River, and Four Lane Expressway (Truck bypass)	\$300,000		X	X	X	X	X	X
SDIC_349	San Diego - Imperial County Border	Inter/Intra-state	11	SD	5	North Coast Corridor: Construct managed lanes (ML) between Palomar Airport Road and SR 78 with ITS improvements	North Coast Corridor: Construct managed lanes (ML) between Palomar Airport Road and SR 78 with ITS improvements	\$240,000		X	X	X	X	X	
SDIC_350	San Diego - Imperial County Border	Inter/Intra-state	11	SD	5	I-5 ML from SR 78 to Orange County with ITS improvements, including vehicle-to-infrastructure technology along key corridors	I-5 ML from SR 78 to Orange County with ITS improvements, including vehicle-to-infrastructure technology along key corridors	\$3,400,483		X	X	X	X	X	
SDIC_351	San Diego - Imperial County Border	Inter/Intra-state	11	SD	5	I-5 ML from La Jolla Village Dr to I-5/I-805 merge with ITS improvements including vehicle-to-infrastructure technology	I-5 ML from La Jolla Village Dr to I-5/I-805 merge with ITS improvements including vehicle-to-infrastructure technology	\$280,200		X	X	X	X	X	
SDIC_352	San Diego - Imperial County Border	Inter/Intra-state	11	SD	5	Congestion pricing on I-5 from I-805 to SR 78	Congestion pricing on I-5 from I-805 to SR 78	\$130,000			X	X	X	X	
SDIC_353	San Diego - Imperial County Border	Inter/Intra-state	11	SD	5	Alternative Fuel Corridor from Orange County border to MX border	Alternative Fuel Corridor from Orange County border to MX border	TBD	X	X	X	X	X		
SDIC_354	San Diego - Imperial County Border	Inter/Intra-state	11	SD	8	Alternative Fuel Corridor from San Diego to CA/AZ border	Alternative Fuel Corridor from San Diego to CA/AZ border	TBD		X	X	X	X		
SDIC_355	San Diego - Imperial County Border	Inter/Intra-state	11	SD	15	Alternative Fuel Corridor	Alternative Fuel Corridor	TBD	X	X	X	X	X		
SDIC_356	San Diego - Imperial County Border	Inter/Intra-state	11	SD	15	I-15 ML from I-805 to SR 163 with Clairemont Mesa Blvd DAR with vehicle-to-infrastructure technology	I-15 ML from I-805 to SR 163 with Clairemont Mesa Blvd DAR with vehicle-to-infrastructure technology	\$82,000		X	X	X	X	X	
SDIC_357	San Diego - Imperial County Border	Inter/Intra-state	11	SD	78	Alternative Fuel Corridor from I-5 interchange to I-15 interchange	Alternative Fuel Corridor from I-5 interchange to I-15 interchange	TBD		X	X	X	X		

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SDIC_358	San Diego - Imperial County Border	Inter/Intra-state	11	SD	805	I-805 ML from I-15 to SR 52 including vehicle-to-infrastructure technology	I-805 ML from I-15 to SR 52 including vehicle-to-infrastructure technology	\$800,000		X	X	X	X	X	
SDIC_359	San Diego - Imperial County Border	Inter/Intra-state	11	SD	805	I-805 ML from SR 94 to I-15 with connector including vehicle-to-infrastructure technology	I-805 ML from SR 94 to I-15 with connector including vehicle-to-infrastructure technology	\$324,000		X	X	X	X	X	
SDIC_360	San Diego - Imperial County Border	Port Access	11	SD	OFF	Continuation of San Diego Port Tenants Association's Freight Signal Prioritization project (California Energy Commission pilot)	Continuation of San Diego Port Tenants Association's Freight Signal Prioritization project (California Energy Commission pilot)	\$6,000		X		X	X	X	X
SDIC_361	San Diego - Imperial County Border	Inter/Intra-state	11	SD	VAR	Modernizing existing truck parking/staging areas for near-zero to zero infrastructure truck shore power - based on outcomes of Caltrans HQ truck parking study	Modernizing existing truck parking/staging areas for near-zero to zero infrastructure truck shore power - based on outcomes of Caltrans HQ truck parking study	\$2,000		X	X	X		X	
SDIC_362	San Diego - Imperial County Border	Inter/Intra-state	11	SD	VAR	New dynamic truck parking/staging areas - based on outcomes of Caltrans HQ truck parking study	New dynamic truck parking/staging areas - based on outcomes of Caltrans HQ truck parking study	\$40,000		X	X	X	X	X	

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