

Local Partnership Program - Formulaic (LPP-F)
Project Outputs

Project Title	District	PPNO	Output	Approved Quantity	Unit
2018 Asphalt Maintenance Program	1	4722	Local road lane-mile(s) rehabilitated	2	Each
2018 Slurry Seal project	3	1418	Local road lane-mile(s) rehabilitated	32	Miles
2018-19 3R and ADA Project - Various Locations (as shown on the map attached)	6	6932	Local road lane-mile(s) rehabilitated	1.7	Each
2019 Asphalt Maintenance Program	1	4723	Local road lane-mile(s) rehabilitated	2	Each
2019 Supplemental Downtown Arterial Paving Project	4	2321D	Local road lane-mile(s) rehabilitated	0.42	Miles
2020 Legion Street Improvements Phase 2	11	1409	# Sign(s), light(s), greenway, or other safety / beautification	1	Each
			Bicycle lane mile(s)	0.42	Miles
			Local road lane-mile(s) rehabilitated	0.3	Miles
			Sidewalk mile(s)	0.01	Miles
2020 Overlay Improvements Project	11	1425	Local road - rehabilitated	0.62	Miles
2020 Pavement Resurfacing Project	3	1792	Local road lane-mile(s) rehabilitated	58	Each
2020 Paving and Drainage Project	3	1226	Local road lane-mile(s) rehabilitated	0.5	Miles
2020 Pedestrian and Surfacing Improvements	4	2318E	Intersection/Signal improvement(s)	1	Each
			Local road - rehabilitated	1.1	Miles
			New curb ramp installed	4	Each
5th Street Improvement Project	4	2330J	Intersection/Signal improvement(s)	2	Each
			Pedestrian/Bicycle facilities mile(s) constructed	0.8	Miles
7th Street Grade Separation (East)	4	2103D	Bicycle lane mile(s)	0.4	Miles
			Grade separation(s) / rail crossing improvement(s)	1	Each
			Local road lane-mile(s) rehabilitated	0.4	Miles
Aleman Boulevard Pavement Renovation	4	2319D	Local road lane-mile(s) rehabilitated	5.2	Miles
Annual Paving and Drainage Project	3	1428	Local road lane-mile(s) rehabilitated	1	Miles
Asphalt Maintenance Program FY 17-18	1	4712	Local road lane-mile(s) rehabilitated	1.5	Each
Aten/Clark Road Improvements	11	1378	Local road lane-mile(s) rehabilitated	0.4	Miles
Automatic Passenger Counters	5	2929	ITS element(s)	122	Each
Avenue 7 Road Rehabilitation West of State Route 99 (SR 99)	6	6990	Local road lane-mile(s) rehabilitated	2	Miles
BART Escalator Replacement (Downtown SF Stations)	4	2319B	Station improvement(s)	4	Each
Bay Skyway Phase 1 - Yerba Buena Island Multi-Use Path	4	2351	ADA - New Ramps (none exist)	5	Each
			ADA - Reconstruct Ramps to Standard	2	Each
			Amenities - New Benches	4	Each
			Amenities - New Trash Cans	4	Each
			New Bike Lanes/Routes - Class I	4900	feet
			New Bike Lanes/Routes - Class IV	1500	feet
			New Sidewalks (4' to 8' wide)	6400	feet
			Pedestrian/Bicycle facilities mile(s) constructed	1.2	Miles
Bicycle & Pedestrian Gap Closures (Piner Road and Dutton Avenue) - City of Santa Rosa	4	2318A	Bicycle lane mile(s)	0.75	Miles
			Sidewalk mile(s)	0.75	Miles
Build North Coast Corridor (NCC) Batiquitos	75	SC001	Mile(s) of new track	0.6	Miles
Burns Valley School/Civic Center Enhancement Project	1	1890	Bicycle lane mile(s)	0.28	Miles
			Sidewalk mile(s)	0.28	Miles
Bus Replacements	5	3033	Rail car(s) / transit vehicle(s)	15	Each
Buses for Circular Service Expansion	3	1774	Rail car(s) / transit vehicle(s)	780	Each
Carpinteria to Santa Barbara Widening - 4C Summerland Mitigation Plant	5	7103L	HOV/HOT lane-mile(s) constructed	0	Miles
			Modified/Improved interchange(s)	0	Each
			Modified/Reconstructed bridge(s)	0	Each
			Roadway Rehabilitation (3R)	0	Lane mile(s)
			Sound wall mile(s) constructed	0	Miles
Central Avenue and Carlson Boulevard Pavement Rehabilitation Project	4	2321E	Local road lane-mile(s) rehabilitated	0.3	Miles
City of Fort Bragg - 2019 Street Rehabilitation Project	1	4713	Local road lane-mile(s) rehabilitated	1.5	Each
City of Merced Street Maintenance and Rehabilitation Program	10	3487	Local road - rehabilitated	3	Miles
City of Orinda Miner Road Rehabilitation Project	4	2321A	Local road lane-mile(s) rehabilitated	0.31	Each
Citywide Transportation Maintenance and Enhancements	3	1775	Local road operational improvement(s)	1	Each
			Pedestrian/Bicycle facilities mile(s) constructed		Miles
Complete Streets Rehabilitation - Hillsdale Boulevard, Oak Avenue, and West Elkhorn	3	1786	Bicycle lane mile(s)	7	Miles
			Local road lane-mile(s) rehabilitated	4	Miles
Complete Streets Rehabilitation - Residential Streets: Arden Arcade Area	3	1796	Local road lane-mile(s) rehabilitated	3.4	Miles
			Sidewalk mile(s)	0.5	Miles
Date Street Sidewalk and Street Improvements	11	1377	Local road lane-mile(s) rehabilitated	0.25	Miles
			Sidewalk mile(s)	0.25	Miles
Division 2 Maintenance Roof Replacement	4	2320C	Station improvement(s)	1	Each
El Dorado Street, Gladys Avenue, B Street Pavement, Curb, Gutter, Signing, Marking Improvements	4	2321K	Local road - rehabilitated	0.4	Miles
Erle Road Rehabilitation Project	3	2020	Local road lane-mile(s) rehabilitated		Each
			Local road operational improvement(s)	0.62	Each
			New curb ramp installed		Each
Eureka Avenue and Lexington Avenue Street Improvements	4	2321C	Local road lane-mile(s) rehabilitated	0.2	Each

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Folsom Boulevard Roadway Rehabilitation	3	1795	Local road lane-mile(s) rehabilitated	5	Miles
Folsom Natoma Street Drainage Phase 2	3	2204	Culvert(s)	700	LF
Fort Ord Regional Trail and Greenway - Highway 218 Segment	5	2936	ADA - New Ramps (none exist)	5	Each
			ADA - Reconstruct Ramps to Standard	6	Each
			Bicycle lane mile(s)	1.5	Miles
			Multi-Use - New Class I Trail (8' to 12' wide)	7920	feet
			Multi-Use - Widen/Reconstruct Existing Class I Trail	5000	feet
			Sidewalk mile(s)	1.5	Miles
			Signalized Intersection - Enhance Existing Crosswalks	2	Each
			Signalized Intersection - Timing Improvements	1	Each
			Un-Signalized Intersection - Crossing-Surface Improvements	2	Each
Francisco Blvd. West Multi-Use Pathway (MUP)	4	2326A	Pedestrian/Bicycle facilities mile(s) constructed	0.81	Miles
Golden State Corridor Infrastructure Improvements and Economic Development Project	6	7062	Install new detectable warning surface	1681	SQFT
			Local road - reconstructed	4.04	Miles
			Local road - rehabilitated	50	Miles
			New curb ramp installed	66	Each
			Shoulder widening	4	Each
			Sidewalk mile(s)	0.96	Miles
			Turn pocket(s) constructed	33	Each
Green Valley Road Widening	3	1668	Bicycle lane mile(s)	2.48	Miles
			New roadway lane-mile(s)	2.48	Miles
I-10 Express Lanes-San Antonio Ave to Route 15 (Contract 1)	8	3009P	HOV/HOT lane-mile(s) constructed	41.4	Miles
I-215/Placentia Avenue Interchange Project	8	3013G	Bicycle lane mile(s)	1.33	Miles
			Intersection(s) modified	5	Each
			New interchange(s)	1	Each
			Turn pocket(s) constructed	9	Each
i-680 Express Lanes/Rehab Project	4	2905H	Roadway Rehabilitation (2R)	28.7	Lane mile(s)
I-680/SR 4 Interchange - Widen Route 4 (Phase 3)	4	0298E	HOV/HOT lane-mile(s) constructed	2	Miles
			Mixed flow lane-mile(s) constructed	7.8	Miles
			Modified/Improved interchange(s)	10	Each
			New bridge(s)	2	Each
Inland Rail Trail Phase 3	11	1328	ADA - New Ramps (none exist)	1	Each
			ADA - Reconstruct Ramps to Standard	3	Each
			Amenities - New Benches	4	Each
			Amenities - New Shade Trees	4	Each
			Lighting - Intersection Lighting	3	Each
			Multi-Use - New Class I Trail (8' to 12' wide)	5650	feet
			New Sidewalks (4' to 8' wide)	50	feet
			Pedestrian/Bicycle facilities mile(s) constructed	1.07	Miles
			Signalized Intersection - Enhance Existing Crosswalks	3	Each
			Signalized Intersection - New Ped-Heads	6	Each
			Signalized Intersection - Shorten Crossing	2	Each
			Signalized Intersection - Timing Improvements	2	Each
			Traffic-Calming - Un-Signalized Intersection New Traffic Signals	4	Each
			Un-Signalized Intersection - Crossing-Surface Improvements	2	Each
			Un-Signalized Intersection - New Traffic Signals	4	Each
Interstate 10 Corridor Freight and Managed Lane Project: I-15 to Sierra Avenue, Contract 2A	8	1325	Auxiliary lane constructed	0.35	Miles
			HOV/HOT mainline constructed	13.4	Miles
Interstate 15 Corridor Freight Improvement Project: Auxiliary Lanes and Express Lanes - Construction	8	0167M	Auxiliary lane constructed	5	Miles
			HOV/HOT mainline constructed	26.98	Miles
Interstate 680 Southbound Express Lane from State Route 84 to Alcosta Blvd	4	2905F	Close circuit television camera(s)	11	Each
			HOV/HOT mainline constructed	9	Miles
			Mainline shoulder(s) constructed	9	Miles
Iron Point Road Median Improvement Project	3	2216	# Sign(s), light(s), greenway, or other safety / beautification	1	Each
			Channelization	1	Each
Light Rail Modernization Phase 1 (Gold Line) Low Floor Light Rail Vehicles	3	2212	Rail car(s) / transit vehicle(s)	8	Each
LOSSAN Batiquitos Lagoon Doubletrack/Bridge (MP234.5-MP235.5)	11	LP002	Mile(s) of new track	0.8	Miles
			New bridge(s)	1	Each
LOSSAN San Dieguito Lagoon Doubletrack/Bridge/Platform (242.2-243.9).	11	LP003	Grade separation(s) / rail crossing improvement(s)	2	Each
			Mile(s) of rehabilitated track	1.71	Miles
			New bridge(s)	1	Each
			Station improvement(s)	1	Each
LOSSAN SB Subdivision Doubletrack (CP Eastbrook - CP Shell)	11	LP001	Grade separation(s) / rail crossing improvement(s)	3	Each
			Mile(s) of new track	0.6	Miles
			New bridge(s)	1	Each

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Project Title	District	PPNO	Output	Approved Quantity	Unit
LOSSAN SD Subdivision Signal Respacing/Optimization	11	LP005	Operational improvement(s)	1	Each
Madera City Street 2020-21 Roadway Rehabilitation, Reconstruction, ADA Compliance	6	7058	Local road - reconstructed	0.39	Miles
			Local road - rehabilitated	2.65	Miles
Marin Sonoma Narrows (MSN) Contract B7	4	0361M	Changeable message sign(s)	2	Each
			Close circuit television camera(s)	3	Each
			Culvert(s)	9130	LF
			Curve and vertical alignment correction(s)	10	Each
			Extinguishable message sign(s)	1	Each
			Freeway ramp meter(s)	6	Each
			HOV/HOT mainline constructed	9.5	Miles
			Mainline shoulder(s) constructed	16	Miles
			Pedestrian/Bicycle facilities mile(s) constructed	0.76	Miles
			Ramps modification(s)	4	Each
			Shoulder widening	4	Each
			Traffic monitoring detection station(s)	3	Each
Marin Sonoma Narrows Segment C2 - HOV Lanes Gap Closure	4	0360Q	HOV/HOT lane-mile(s) constructed	6.6	Miles
			ITS element(s)	17	Each
			Sound wall mile(s) constructed	1.86	Miles
Marina-Salinas Multimodal Corridor (Imjin Safety & Traffic Flow)	5	2572	Intersection(s) modified	4	Each
			Mixed flow lane-mile(s) constructed	2	Miles
			Pedestrian/Bicycle facilities mile(s) constructed	2	Miles
McGowan Parkway Bicycle Lane and Pedestrian Route Improvements	3	2018A	ADA - New Ramps (none exist)	12	Each
			ADA - Reconstruct Ramps to Standard	1	Each
			Bicycle lane mile(s)	1.04	Miles
			Crosswalk	2	Each
			Install accessible pedestrian signal	2	Each
			Lighting - Intersection Lighting	1	Each
			Local road - reconstructed	1.6	Miles
			New Bike Lanes/Routes - Class II	5500	feet
			New curb ramp installed	12	Each
			New Sidewalks (4' to 8' wide)	4300	feet
			Non-Infrastructure Programs	1	Each
			Repair/Upgrade curb ramp	1	Each
			Sidewalk mile(s)	0.81	Miles
			Turn pocket(s) constructed	1	Each
			Two-way left turn lane(s)	1	Each
			Un-Signalized Intersection - Crossing-Surface Improvements	2	Each
Mid County Parkway: Ramona Expressway	8	1276	Bicycle lane mile(s)	17	Miles
			Culvert(s)	3000	LF
			Install accessible pedestrian signal	14	Each
			Intersection/Signal improvement(s)	4	Each
			New curb ramp installed	14	Each
			New local road bridge structure(s)/tunnel(s)	121086	SQFT
			Roadway lane mile(s) - new	17	Miles
Modoc Street/Second Street Pavement Rehabilitation Project	1	3205	Local road - rehabilitated	0.6	Miles
Monterey Bus Rapid Transit Phase II	5	2892	Operational improvement(s)	6	Each
Monterey-Salinas Transit Bus Replacement	5	3047	Rail car(s) / transit vehicle(s)	8	Each
North Padaro Lane Coastal Access Improvements	5	2893	Sidewalk mile(s)	0.2	Miles
North South Greenway Gap Closure - Northern Segment	4	0341E	Pedestrian/Bicycle facilities mile(s) constructed	0.24	Miles
Oakland Alameda Access Project	4	0044D	Bicycle lane mile(s)	3	Miles
			New bridge(s)/tunnel(s)	110523	SQFT
			Roadway lane mile(s) - new	12.2	Miles
			Traffic monitoring detection station(s)	2	Each
Orange Avenue & 6th Street Rehabilitation	6	6930	Local road lane-mile(s) rehabilitated	0.28	Each
Orinda 2019 Annual Pavement Rehabilitation Project	4	2321G	Local road lane-mile(s) rehabilitated	2.7	Miles
Orinda 2021 Annual Pavement Rehabilitation, Various Streets	4	2321J	Local road - rehabilitated	6	Miles
Pachappa Underpass (SR91 HOV Remnant Work)	8	1239	Operational improvement(s)	1	Each
			Turn pocket(s) constructed	1	Each
Pendola Extension	3	5917	Culvert(s)	100	LF
			Local road - reconstructed	2.08	Miles
			Turnout(s)	4	Each
PSGC Phase 1 - Light Rail Modernization LRVs	3	2201	Rail car(s) / transit vehicle(s)	8	Each
Purchase Zero Emission Buses - Phase 2	4	2320B	Rail car(s) / transit vehicle(s)	40	Each
Ranchero Road Widening Project	8	1244	Intersection(s) modified	3	Each
			Local road lane-mile(s) rehabilitated	5	Miles
			New local road bridge structure(s)	1	Each
			New roadway lane-mile(s)	5	Miles
Rancho Cordova Citywide Street Rehabilitation (local streets near Folsom Boulevard, Coloma Road, Cordova Lane and Zinfandel Drive)	3	2209	Local road - rehabilitated	23.2	Miles
			Local road lane-mile(s) rehabilitated		Each

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Project Outputs

Project Title	District	PPNO	Output	Approved Quantity	Unit
Redlands Passenger Rail Project	8	1230	Repair/Upgrade curb ramp	80	Each
			Mile(s) of new track	9	Miles
			Modified/Reconstructed bridge(s)	5	Each
			New station(s)	4	Each
Regional Wayfinding Program	5	2898	Station improvement(s)	1	Each
			Bicycle lane mile(s)	124.7	Miles
			Local rehabilitated bridge/tunnel(s)	2476000	SQFT
Richmond San Rafael Structural Steel Paint Project - Lower deck and Towers	4	0125			
Richmond Street Curb, Signing, Marking Improvements	4	2321L	Local road - rehabilitated	1.7	Miles
Road 30 Curb & Gutter, Sidewalk, Shoulder Paving & Rehabilitation	6	6933	Bicycle lane mile(s)	0.12	Miles
			Local road lane-mile(s) rehabilitated	0.25	Miles
			Sidewalk mile(s)	0.12	Miles
Roadway Rehabilitation: J Street and Mack Road Corridors	3	1780	Bicycle lane mile(s)	0.75	Miles
			Intersection(s) modified	40	Each
			Local road lane-mile(s) rehabilitated	9.92	Miles
Route 71/91 Interchange EB-NB Connector	8	0077G	Auxiliary lane constructed	1	Miles
			Auxiliary lane(s)	0.5	Miles
			Culvert(s)	2000	LF
			Freeway ramp meter(s)	1	Each
			Grade separation(s) / rail crossing improvement(s)	1	Each
			Interchange modification(s)	1	Each
			Modified/Improved interchange(s)	200000	SQFT
			New curb ramp installed	2	Each
			New local road bridge structure(s)/tunnel(s)	10000	SQFT
			Ramp(s) and connector(s) constructed	2.5	Miles
			Ramps modification(s)	1	Each
			Traffic monitoring detection station(s)	1	Each
			Intersection/Signal improvement(s)	5	Each
			Local road - rehabilitated	4	Miles
Sacramento Corridor Improvements on Florin Road	3	2206	Pedestrian/Bicycle facilities mile(s) constructed	2	Miles
Sacramento County Street Rehabilitation in Arden-Arcade, Carmichael, Rio Linda - Phase 4	3	2207	Install new detectable warning surface	1320	SQFT
			Local road - rehabilitated	16.77	Miles
			Sidewalk mile(s)	0.82	Miles
Sacramento County Street Rehabilitation in Fair Oaks, Orangevale - Phase 5	3	2208	Install new detectable warning surface	480	SQFT
			Local road - rehabilitated	8.04	Miles
			Sidewalk mile(s)	0.45	Miles
SamTrans Express Bus Pilot	4	2330E	Rail car(s) / transit vehicle(s)	7	Each
Santa Barbara U.S. 101 Multimodal Corridor Project - 4E South -City of Santa Barbara	5	7101G	Culvert(s)	633	LF
			Curve and vertical alignment correction(s)	1	Each
			HOV/HOT mainline constructed	1.2	Miles
			Mainline shoulder(s) constructed	1.2	Miles
			Mixed flow mainline constructed	2.4	Miles
			Ramp(s) and connector(s) constructed	0.3	Miles
			Ramps modification(s)	2	Each
			Shoulder widening	2	Each
			Sound wall mile(s) constructed	0.42	Miles
			Turn pocket(s) constructed	1	Each
			Bicycle lane mile(s)	0.6	Miles
Santa Claus Lane Class I Bikeway	5	2896			
Santa Claus Lane Streetscape, Coastal Access Parking and Railroad Crossing	5	2897	Pedestrian/Bicycle facilities mile(s) constructed	0.8	Miles
Santa Monica Road and Via Real Intersection Improvements	5	2985	Local road operational improvement(s)	1	Each
			Operational improvement(s)	1	Each
			Rail car(s) / transit vehicle(s)	7	Each
SC Metro Paratransit Vans Replacement	5	3037			
SC METRO Revenue Vehicle Replacements	5	2829	Rail car(s) / transit vehicle(s)	2	Each
Sorrento to Miramar, Phase 2 Intermodal Improvements	75	T0014	Mile(s) of new track	1.9	Miles
			Operational improvement(s)	1	Each
Soscol Junction (SR 29/221/Soscol Ferry Road)	4	0376	Interchange modification(s)	1	Each
South County Operations and Maintenance Facility	5	2928	Local road operational improvement(s)	600	Each
South State Street and Dora Street Rehabilitation Project	1	4791	Bicycle lane mile(s)	2.4	Miles
			Local road - rehabilitated	1.2	Miles
SR-99/ Caldwell Ave Interchange, Safety, and Multi-Modal Project	6	6421	New curb ramp installed	19	Each
			Auxiliary lane constructed	0.8	Miles
			Bicycle lane mile(s)	1.1	Miles
			Close circuit television camera(s)	1	Each
			Culvert(s)	3510	LF
			Freeway ramp meter(s)	2	Each
			Intersection/Signal improvement(s)	2	Each
			Modified/Improved interchange(s)	1	Each
			New curb ramp installed	22	Each
			Ramps modification(s)	4	Each

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Project Title	District	PPNO	Output	Approved Quantity	Unit
			Sidewalk mile(s)	0.9	Miles
			Traffic census stations(s)	2	Each
State Route 198 and Akers Street Interchange Improvement Project	6	6691	Bicycle lane mile(s)	0.75	Miles
			Local road operational improvement(s)	2	Each
State Route 99/ Fulkerth Road Interchange Improvements	10	3414	Modified/Improved interchange(s)	1	Each
			Pedestrian/Bicycle facilities mile(s) constructed	0.6	Miles
Summerland Area Coastal Access Improvements	5	2894	Pedestrian/Bicycle facilities mile(s) constructed	0.8	Miles
Sunrise Boulevard Street Rehabilitation Project	3	1779	Local road lane-mile(s) rehabilitated	4.3	Miles
Temescal Canyon Road gap closure widening	8	1240	Bicycle lane mile(s)	2.4	Miles
			New roadway lane-mile(s)	2.6	Miles
			Sidewalk mile(s)	1.3	Miles
Traffic Signal Upgrade - Contract 36	4	2330G	Install accessible pedestrian signal	80	Each
			Intersection/Signal improvement(s)	13	Each
			Repair/Upgrade curb ramp	12	Each
Transit Access Pass (TAP) Bus Mobile Validator Replacement for TAP Municipal Partners Programming	7	6055	Rail/Transit Equipment	1118	Each
Turner Road Interchange Operational Improvements	10	3045	Modified/Improved interchange(s)	1	Each
US 101 Hearn Avenue Regional Multimodal Interchange	4	0785C	Bicycle lane mile(s)	0.6	Miles
			Interchange modification(s)	1	Each
			Modified/Improved interchange(s)	1	Each
			Modify crosswalk	533	LF
			Sidewalk mile(s)	0.4	Miles
			Turn pocket(s) constructed	1	Each
US 101 Managed Lanes Project - Northern Segment	4	0658D	HOV/HOT lane-mile(s) constructed	28.4	Miles
Vista Canyon Metrolink Station	7	5503	Mile(s) of new track	1	Miles
			Station improvement(s)	1	Each
WAC013 (Citywide Curb Ramps 2018)	3	1776	New curb ramp installed	61	Each
Western Addition Area Traffic Signal Upgrades	4	2330F	Install accessible pedestrian signal	102	Each
			Intersection/Signal improvement(s)	16	Each
			Repair/Upgrade curb ramp	50	Each
Willow Avenue Street Improvements, Shepherd - Copper Avenue	6	6929	Bicycle lane mile(s)	2	Miles
			Local road lane-mile(s) rehabilitated	2	Miles
			Sidewalk mile(s)	2	Miles
Willowbrook/Rosa Parks Station Mezzanine Improvements	7	5104	Station improvement(s)	3	Each
WPR018 (2018 Pavement Seating)	3	1777	Local road lane-mile(s) rehabilitated	26.5	Miles
Zero Emission Bus Purchase for Airport Service	3	1797	Rail car(s) / transit vehicle(s)	3	Each