

1-N DEPLOYMENT CRITICAL PROJECT LIST POWER PROJECTION PLATFORM (PPP) ROUTE

Programmed/ Planned Projects Located in California

Project Source	Project Type	County/ Municipality	Project ID	Project Name	Project Narrative	Phase	Program Year	Project Cost (000s)
2019 SHOPP	Resurfacing and Reconstruction	San Diego	20468	I-5	In San Diego County from just north of Carlsbad Village Drive to Basilone Road. Pavement rehabilitation/slab replacement.	CST	2027	\$24,300 (Unfunded)
2020 SHOPP SNADAG	Safety	San Diego	1265/ 1117000116	I-5	Near Oceanside; from Fallbrook Overhead to 1.0 mile south of San Onofre Bridge. Install cable safety barrier.	CST	2024	\$8,493
2020 SHOPP	Resurfacing and Reconstruction; Safety	Orange	2530N/ 1218000065	I-5	In San Clemente, from the San Diego County line to 0.4 mile north of El Camino Real. Pavement rehabilitation and upgrade safety devices.	CST	2024	\$33,477
2020 STIP; SCAG 2019 FTIP; SCAG 2020 RTP	Capacity Expansion	Orange	2863J/ ORA151401/ ORA150201	I-5	I-5 HOV Lane (Managed Lanes) Extension from Avenida Pico to San Diego County Line. Toll credit for Regional Surface Transportation Program. Add 1 HOV lane in each direction.	CST	2030	\$6,071 (\$215,199 Unfunded)
2019 SHOPP	Resurfacing and Reconstruction; Safety	Orange	20632	I-5	San Diego County Line to El Horno Street. Replace PCC slabs, cold plane, and place HMA on main lanes and shoulders. Restore drainage system. Replace lighting & conduits. Replace/rehab sign structures/sign panels. Improve bridge rails. Improve roadside safety. Construct stormwater mitigation facilities.	CST	2026	\$25,500
2019 SHOPP	Safety Improvement; Capacity Expansion	Orange	21826	I-5 SB	Construction of second auxiliary lane/SB I-5 from Junipero Serra Rd. to Ortega Hwy (SR-74).	CST	2024	\$7,500
2019 SHOPP	Resurfacing and Reconstruction; Safety	Orange	22135	I-5	El Horno Street to I-405: Replace damaged PCC slabs, cold plane and replace HMA on mainline and shoulders (Class 1). Restore drainage system. Replace soffit lighting with surface mount lighting and conduits. Replace/rehab sign panels. Improve roadside safety.	CST	2024	\$54,000

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2019 SHOPP	Resurfacing and Reconstruction	Orange	19918	SR-73	Pavement rehabilitation, remove and replace AC pavement, shoulders, and ramps (after 2026) from I-5 to Bonita Canyon Drive.	CST	2029	\$22,300
SCAG 2020 RTP	Capacity Expansion	Orange	2H0707	SR-73	Add 1 HOV lane in each direction from MacArthur to I-405.	CST	2035	\$207,577 (Unfunded)
2020 SHOPP	Resurfacing and Reconstruction; Safety; ITS	Orange	5040D/ 1218000010	I-405	I-5 to Harbor Blvd. Rehabilitate pavement; replace bridge approach/departure slabs; upgrade bridge railings; improve highway worker safety; upgrade safety devices; and upgrade Transportation Management System (TMS) elements.	CST	2023	\$197,350
2019 SHOPP	Resurfacing and Reconstruction	Orange	20791	I-405	Harbor Blvd to W. McFadden Avenue: Cold plane remove and replace AC pavement on mainline and shoulders not addressed in the HOT lane project; replace and install drainage system.	CST	2025	\$17,200
2020 SHOPP	Resurfacing and Reconstruction; Safety; ITS	Orange	5094C/ 1218000120	I-405	South of McFadden Avenue to the Los Angeles County Line. Rehabilitate pavement; improve highway worker safety; rehabilitate landscaping; and install weigh-in- motion system.	CST	2024	\$64,000
2019 SHOPP	Resurfacing and Reconstruction; Safety; Geometry	Orange	20787	I-605	I-405 to Katella Avenue: Slab replacement, grinding PCC area, cold plane and replace AC at mainline and ramps, extend auxiliary and acceleration lanes, upgrade right- side guardrail, sign panels and landscape.	CST	2029	\$27,450
2020 SHOPP	Resurfacing and Reconstruction; Bridge Improvement; Safety; ITS	Los Angeles	5484/ 0718000253	I-405	From the Orange County Line to South of I-110. Rehabilitate pavement; upgrade signs; rehabilitate bridge; upgrade lighting; Improve safety; rehabilitate culverts; rehabilitate TMS elements; upgrade facilities to Americans with Disability Act (ADA) standards.	CST	2024	\$8,917
SCAG 2020 RTP	Capacity Expansion	Los Angeles	1200S004	I-405	I-405 express lanes from LA/Orange County line to I-110.	CST	2028	\$110,390 (Unfunded)

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2020 SHOPP	Bridge Improvement	Los Angeles	4721/ 0714000084	I-405	In Carson at Delores Yard/SR-47 (Alameda Street) Overhead Bridge No. 53- 1168. Upgrade Bridge Drainage System.	CST	2024	\$6,673
SCAG 2020 RTP	Capacity Expansion	Los Angeles	1200S003	I-405	I-405 express lanes from I- 110 to I-105.	CST	2028	\$71,560 (Unfunded)
2020 SHOPP	Safety	Los Angeles	5227/ 0717000063	I-405	From I-110 Interchange to North of I-105 Interchange. Construct maintenance vehicle pullouts; access road; rock blanket at islands and between ramps and upgrade irrigation systems.	CST	2022	\$7,190
SCAG 2020 RTP; SCAG 2019 FTIP	Capacity Expansion	Los Angeles	1163S014/ LA0G1562	I-405	Add auxiliary lanes along I-405 NB and SB between SR- 91 (Artesia Blvd) and El Segundo to alleviate congestion and improve operations.	CST	2026	\$18,534 (\$51,466 Unfunded)
2020 SHOPP	Bridge Improvement	Los Angeles	5490/ 0718000307	I-405	In Lawndale at Route 107 (Hawthorne Blvd) Undercrossing Bridge No. 53-1231. Seismic retrofit of bridge and upgrade facilities to ADA standards.	CST	2024	\$2,593
2020 SHOPP	ITS	Los Angeles	5410/ 0719000039	I-405	At various locations. Rehabilitate and add new TMS elements and upgrade the communication system at the Los Angeles Regional Transportation Management Center. Based on Mileposts, this is located between Rosecrans Avenue (Exit 43) and SR-90 (Exit 50).	CST	2023	\$46,673
SCAG 2020 RTP	Capacity Expansion	Los Angeles	1200S002	I-405	I-405 express lanes from I- 105 to I-10.	CST	2028	\$70,880 (Unfunded)
SCAG 2020 RTP; SCAG 2019 FTIP	Capacity Expansion	Los Angeles	1162S012	I-405	I-405 Sepulveda Pass (Phase 1) Express Lanes from I-10 to US-101.	CST	2027	\$2,500 (\$257,500 Unfunded)

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2020 SHOPP	Resurfacing and Reconstruction; Bridge Improvement; Safety; ITS	Los Angeles	5382/0718000123	I-405	From Wilshire Blvd to Victory Blvd. Rehabilitate roadway; culverts; replace bridge approach/departure slabs; overhead sign structures and sign panels; upgrade TMS elements, guardrail, and upgrade facilities to ADA standards.	CST	2023	\$153,825
2020 SHOPP	Capacity Expansion; Interchange Improvement	Los Angeles	2681/0717000022	I-405	At the Ventura Boulevard Interchange in Sherman Oaks. Widen the SB on-ramp from Ventura Boulevard to two lanes plus an HOV lane.	CST	2024	\$7,336
SCAG 2020 RTP	Geometry	San Bernardino	4160013	SR-62	Operational improvements including signal and intersection modifications from East Yucca Valley town limits to West 29-Palms City limits.	CST	2035	\$768 (Unfunded)
SCAG 2020 RTP	Geometry	San Bernardino	4160016	SR-62	Operational improvements including signal and intersection modifications from SR- 247 to East Yucca Valley town limits.	CST	2035	\$1,463 (Unfunded)
SCAG 2020 RTP	Capacity Expansion	San Bernardino	4A01383	SR-62	Widen SR-62 from Fairway Drive (West Yucca Valley city limits) to SR- 247 from 4 to 6 lanes.	CST	2030	\$26,051 (Unfunded)
2020 SHOPP	ITS; Safety	San Bernardino	3012M/0818000121	SR-62	Near Barstow, Needles, Yucca Valley, and Vidal Junction, on Routes 40, 58, 62, and 95 at various locations; also in Riverside County, on Route 62 near Desert Center at Route 177 (PM 2.5/87.5). Install Changeable Message Signs (CMS), guardrail shielding, and Maintenance Vehicle Pullouts (MVPs).	CST	2025	\$17,067
SCAG 2020 RTP	Capacity Expansion	San Bernardino	4160015	SR-62	Widen SR-62 from Riverside County line to Yucca Valley town limits from 4 to 6 lanes.	CST	2030	\$36,446 (Unfunded)
SCAG 2020 RTP; SCAG FREIGHTWORKS	Capacity Expansion	Riverside	3TK04MA12	I-10	On I-10 near Beaumont: Add/Construct new EB truck climbing lane from San Bernardino County line to I-10/ SR60 JCT.	CST	2028	\$35,709 (Unfunded)

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2020 STIP; SCAG 2019 FTIP	Capacity Expansion	San Bernardino	3009Q/ 20179901	I-10	I-10 EB Truck Climbing Lane: Continue the existing EB truck climbing lane on I-10 from the 16th Street Bridge (in Yucaipa) to east of the County Line Road undercrossing; 3 miles.	CST	2023	\$35,847
2020 STIP; SCAG 2019 FTIP	Capacity Expansion	San Bernardino	3010N/3016P/ 20159903	I-10	I-10 Corridor Express Lane Widening (Contract 2): Implement 2 express lanes in each direction from I-10/I-15 to California Street; 1 express lane in each direction from California Street to Ford Street in Redlands.	CST	2026	\$1,102,588
SCAG 2020 RTP	Capacity Expansion	San Bernardino	4160017	SR-210	SR-210 from I-215 to I-10: add HOV lane.	CST	2045	\$178,780 (Unfunded)
2020 SHOPP	ITS; Safety	Los Angeles	5400/ 0718000158	I-210	I-210 on various routes at various locations. Rehabilitate TMS elements, install guardrail, and improve highway worker safety. Based on milepost information, this is in the vicinity of Lone Hill Avenue to SR-66 (Foothill Blvd).	CST	2024	\$10,413
2020 SHOPP	Bridge Improvement; Non- Highway - Storm Water Mitigation	Los Angeles	5516/ 0719000020	I-210	In Azusa at North Vernon Avenue . Upgrade pump plant, Drainage System Restoration, 1 Culvert.	CST	2024	\$11,808
2020 SHOPP	Bridge Improvement	Los Angeles	5386/ 0718000137	I-210	In La Canada Flintridge and Pasadena from West of Foothill Blvd to Hill Avenue (La Canada Flintridge to Pasadena). Seismic retrofit of Orange Grove Blvd. Overcrossing No. 53-2195, rehabilitate culverts, and irrigation system/landscaping.	CST	2024	\$17,836
2020 SHOPP	Bridge Improvement	Los Angeles	5003/ 0716000055	SR-134	In Pasadena, at Arroyo Seco Bridge No. 53-0166 and Orange Grove Boulevard Onramp Overcrossing No. 53-2197K. Replace/upgrade bridge railing.	CST	2024	\$14,197

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2020 SHOPP	Safety	Los Angeles	5363/ 0718000070	US-101	In the city of Los Angeles, from south of Vineland Avenue to north of Winnetka Avenue. Enhance highway worker safety by paving areas beyond the gore, constructing Maintenance Vehicle Pullouts, installing gates and fences, relocating controller cabinets, and installing cable railing.	CST	2024	\$8,476
SCAG 2020 RTP	Capacity Expansion	Ventura	5160001	US-101	Add 1 HOV lane in each direction from LA/Ventura County Line to SR-33.	CST	2040	\$140,000 (\$560,000 Unfunded)
2020 SHOPP	Resurfacing and Reconstruction	Ventura	5081/ 0716000220	US-101	In Thousand Oaks and Camarillo, at the northbound and southbound Commercial Vehicle Enforcement Facilities. Replace concrete slabs and repair and replace asphalt concrete.	CST	2024	\$4,434
SCAG 2019 FTIP; SCAG 2020 RTP	Capacity Expansion; ITS	Ventura	VEN131206/ 0718000242	US-101	From Santa Rosa Road (Exit 52) to Central Avenue (Exit 57). Add 7 miles of auxiliary lanes between interchanges and ramp metering (operational improvements only) within the city limits of Camarillo.	CST	2040	\$3,000
SCAG 2020 RTP	Capacity Expansion	Ventura	5160005	US-101	Add auxiliary lanes from Flynn off-ramp to north of Johnson Drive.	CST	2040	\$229,175 (Unfunded)
SCAG 2019 FTIP; SCAG 2020 RTP	Capacity Expansion	Ventura	VEN131201	US-101	Moorpark Road to Route 33 add one HOV lane in each direction and auxiliary lanes at various locations.	ROW	2023	\$94,722
SCAG 2020 RTP	Capacity Expansion; Bridge Improvement	Ventura	5A0722	Victoria Avenue	Widening Improvement A, widen from 4 lanes to 6 lanes (total both directions - including bridge) from Gonzales Road to Ventura City limits.			\$16,500 (Unfunded)
SCAG 2020 RTP	Capacity Expansion	Ventura	5A0726	Victoria Avenue	Widening Improvement B, widen from 4 lanes to 6 lanes (total both directions) from Gonzales Road to Oxnard City.			\$8,437 (Unfunded)

*Note: **PE** – Preliminary Engineering (i.e., may include Planning, Design, Survey, Geotech, Environmental), **ROW** – Right-of-Way (i.e., acquisition of impacted properties, easements, utility relocations, etc.), **UTL** – Utilities, **CST** – Construction.

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Recommended Potential Projects in California

Project Source	Project Type	County/ Municipality	Project ID	Project Name	Project Narrative	Project Cost (000s)
SDDC CA 1	Congestion	Los Angeles	New Project	LA US-101	Winnetka Ave (Exist 25) to Lost Hills Road (Exit 33)	\$451,085 (Unfunded)