

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

Programmed/ Planned Projects Located in California

Project Source	Project ID	Project Type	County	Route	Project Description	Actual Project Costs	
						Funded	Unfunded
2019 SHOPP LIST	20468	Resurfacing & Reconstruction	San Diego	Camp Pendleton to I-405/US 101 Interchange	I-5: In San Diego County from just north of Carlsbad Village Drive to Basilone Road. Pavement rehabilitation/slab replacement.	\$0	\$24,300,000
2020 SHOPP SNADAG	1265/ 1117000116	Safety	San Diego	Camp Pendleton to I-405/US 101 Interchange	I-5 Near Oceanside; from Fallbrook Overhead to 1.0 mile south of San Onofre Bridge. Install cable safety barrier.	\$8,493,000	\$0
2019 SHOPP LIST	14131	Resurfacing & Reconstruction	San Diego	Camp Pendleton to I-405/US 101 Interchange	I-5 In San Diego County from Agra RR OH to Orange County line. Pavement rehabilitation/slab replacement.	\$17,050,000	\$0
2020SHOPP	2530N/ 1218000065	Resurfacing & Reconstruction; Safety	Orange	Camp Pendleton to I-405/US 101 Interchange	I-5 In San Clemente; from the San Diego County Line to El Camino Real. Pavement rehabilitation and upgrade safety devices.	\$34,051,000	\$0
2020 STIP; SCAG 2019 FTIP; SCAG 2020 RTP	2863J/ ORA151401/ ORA150201	Capacity Expansion	Orange	Camp Pendleton to I-405/US 101 Interchange	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.	\$6,071,000	\$215,199,000
2019 SHOPP LIST	20632	Resurfacing and Reconstruction; Safety	Orange	Camp Pendleton to I-405/US 101 Interchange	I-5 from 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.	\$25,500,000	\$0
2019 SHOPP LIST	21826	Safety Improvement; Capacity Expansion	Orange	Camp Pendleton to I-405/US 101 Interchange	I-5 SB: Construction of second auxiliary lane/SB I-5 from Junipero Serra Rd. to Ortega Hwy (SR-74).	\$7,500,000	\$0

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2019 SHOPP LIST	22135	Resurfacing and Reconstruction; Safety	Orange	Camp Pendleton to I-405/US 101 Interchange	I-5 from 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.	\$54,000,000	\$0
SCAG 2019 FTIP	10254	Capacity Expansion	Orange	Camp Pendleton to I-405/US 101 Interchange	SR-73: San Joaquin Hills Transportation Corridor; 15 Mile Toll Road Between I- 5 and I-405. 1 Additional M/F Each Direction; Plus Climbing and Aux Lanes by 2020.	\$351,188,000	\$0
2019 SHOPP LIST	19918	Resurfacing and Reconstruction	Orange	Camp Pendleton to I-405/US 101 Interchange	SR-73: Pavement rehabilitation, remove and replace AC pavement, shoulders, and ramps (after 2026) from I-5 to Bonita Canyon Drive.	\$22,300,000	\$0
2020 SHOPP SNADAG	4080/ 1218000079	Bridge Improvement	Orange	Camp Pendleton to I-405/US 101 Interchange	SR-73 from Moulton Parkway to Bristol Street. Rehabilitate bridge decks; bridge joints; and approach slabs to preserve service life on ten bridges.	\$5,894,000	\$0
SCAG 2020 RTP	2H0707	Capacity Expansion	Orange	Camp Pendleton to I-405/US 101 Interchange	SR-73: Add 1 HOV lane in each direction from MacArthur to I-405.	\$0	\$207,577,000
2020 SHOPP	5040D/ 1218000010	Resurfacing and Reconstruction; Safety; ITS	Orange	Camp Pendleton to I-405/US 101 Interchange	I-405 from 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.	\$197,350,000	\$0

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Programmed/ Planned Projects Located in California *(Continued)*

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SCAG 2020 RTP; SCAG FREIGHTWORKS	ORA030605	Capacity Expansion	Orange	Camp Pendleton to I-405/US 101 Interchange	I-405 from SR-73 to I-605. Add 1 MF lane in each direction and additional capacity improvements by 2022, convert existing HOV to HOT. Add 1 additional HOT lane each direction. 14.9 miles. Prior allocation of funding. Calendar year = 2018-2022, completion date by 2026.	\$1,900,000,000	\$0
2019 SHOPP LIST	20791	Resurfacing and Reconstruction	Orange	Camp Pendleton to I-405/US 101 Interchange	I-405 from 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.	\$17,200,000	\$0
2020 SHOPP	5094C/ 1218000120	Resurfacing and Reconstruction; Safety; ITS	Orange	Camp Pendleton to I-405/US 101 Interchange	I-405 from South of McFadden Avenue to the Los Angeles County Line. Rehabilitate pavement; improve highway worker safety; rehabilitate landscaping; and install weigh-in-motion system.	\$64,000,000	\$0
2019 SHOPP LIST	20787	Resurfacing and Reconstruction; Safety; Geometry	Orange	Camp Pendleton to I-405/US 101 Interchange	I-605 from 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.	\$27,450,000	\$0
2020 SHOPP	4984/ 0716000044	Bridge Improvement	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 at the San Gabriel River Bridge (No. 53-1185) and SB I-605 to NB I-405 Connector Bridge (No. 53-1737H); also in Orange County on I-405 at the SB I-405 to NB I-605 Connector Bridge (No. 55-0413F). Retrofit scour critical bridges to preserve structural integrity.	\$31,205,000	\$0

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Programmed/ Planned Projects Located in California *(Continued)*

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2020 SHOPP	5484/ 0718000253	Resurfacing & Reconstruction; Bridge Improvement; Safety; ITS	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	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.	\$89,396,000	\$0
SCAG 2020 RTP	1200S004	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 express lanes from LA/Orange County line to I-110.	\$0	\$110,390,000
2020 SHOPP	5000/ 0716000052	Safety	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 from East of I-710 Interchange to I-110 Interchange. Construct access roads and Maintenance Vehicle Pullouts; pave around gore areas; minor/patterned concrete paving on slopes; guardrail and end treatment; vegetation management control.	\$6,686,000	\$0
2020 SHOPP	4721/ 0714000084	Bridge Improvement	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 in Carson at Delores Yard/SR-47 (Alameda Street) Overhead Bridge No. 53- 1168. Upgrade Bridge Drainage System.	\$6,673,000	\$0
2019 SHOPP LIST	0719000215	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405: Construct auxiliary lanes from I- 110 connector to S. Wilmington Avenue.	\$160,000,000	\$0
2019 SHOPP LIST	0719000052	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405: Construct auxiliary lanes and widen connectors from Main Street separation to Normandie Avenue separation.	\$60,000,000	\$0
SCAG 2020 RTP	1200S003	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 express lanes from I- 110 to I-105.	\$0	\$71,560,000

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Programmed/ Planned Projects Located in California (*Continued*)

Project Source	Project ID	Project Type	County	Route	Project Description	Actual Project Costs	
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2020 SHOPP	5227/ 0717000063	Safety	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	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.	\$7,190,000	\$0
SCAG 2020 RTP; SCAG 2019 FTIP	1163S014/ LA0G1562	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405: Add auxiliary lanes along I-405 NB and SB between SR-91 (Artesia Blvd) and I-105 to alleviate congestion and improve operations.	\$18,534,000	\$51,466,000
2020 SHOPP	5490/ 0718000307	Bridge Improvement	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 in Lawndale at Route 107 (Hawthorne Blvd) Undercrossing Bridge No. 53-1231. Seismic retrofit of bridge and upgrade facilities to ADA standards.	\$9,997,000	\$0
	None Assigned	Capacity Expansion				\$21,510,000	\$0
2019 SHOPP LIST	0718000183	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	NB I-405 from Inglewood Avenue to Rosecrans Avenue, add auxiliary lane.	\$13,010,000	\$0
2020 SHOPP	5410/ 0719000039	ITS	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 on various routes 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).	\$46,673,000	\$0
SCAG 2020 RTP	1200S002	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 express lanes from I- 105 to I-10.	\$0	\$70,880,000
SCAG 2020 RTP; SCAG 2019 FTIP	1162S012	Capacity Expansion	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 Sepulveda Pass (Phase 1) Express Lanes from I-10 to US-101.	\$2,500,000	\$257,500,000

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Programmed/ Planned Projects Located in California (Continued)

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SCAG 2020 RTP; SCAG 2019 FTIP	1O1012/ LARE1701A	ITS	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	I-405 Sepulveda Pass from I-10 to US-101. Implement dynamic corridor ramp metering system. Improve traffic movement and access to freeway. The system will adjust traffic according to current capacity restrictions caused by incidents or recurrent congestion.	\$2,320,000	\$0
2020 SHOPP	5382/ 0718000123	Resurfacing and Reconstruction; Bridge Improvement; Safety; ITS	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	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.	\$153,825,000	\$0
2020 SHOPP	2681/ 0717000022	Capacity Expansion; Interchange Improvement	Los Angeles	Camp Pendleton to I-405/US 101 Interchange	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.	\$7,336,000	\$0
2019 SHOPP LIST	1L290/ 1L670 - WPS	Resurfacing and Reconstruction; Geometry; Safety	San Bernardino	29 Palms to I-405/US 101 Interchange	SR-62 from East Yucca Valley town limits to Bermuda Avenue. Restripe existing two-way left-turn lane to median islands and install ground-in rumble strips (15.1/17.5). Seal coat pavement and perform dig-outs (15.1/29.3).	\$7,033,000	\$0
SCAG 2020 RTP	4160013	Geometry	San Bernardino	29 Palms to I-405/US 101 Interchange	SR-62 operational improvements including signal and intersection modifications from East Yucca Valley town limits to West 29-Palms City limits.	\$0	\$768,000
SCAG 2020 RTP	4160016	Geometry	San Bernardino	29 Palms to I-405/US 101 Interchange	SR-62 operational improvements including signal and intersection modifications from SR- 247 to East Yucca Valley town limits.	\$0	\$1,463,000
SCAG 2020 RTP	4A01383	Capacity Expansion	San Bernardino	29 Palms to I-405/ US 101 Interchange	Widen SR-62 from Fairway Drive (West Yucca Valley city limits) to SR- 247 from 4 to 6 lanes.	\$0	\$26,051,000

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2020 SHOPP	3012M/ 0818000121	ITS; Safety	San Bernardino	29 Palms to I-405/ US 101 Interchange	Near Yucca Valley on Route 62. Install changeable message signs; guardrail shielding; and Maintenance Vehicle Pullouts. Other locations on Routes 40; 58; 62; and 95 are also mentioned.	\$17,067,000	\$0
SCAG 2020 RTP	4160015	Capacity Expansion	San Bernardino	29 Palms to I-405/ US 101 Interchange	Widen SR-62 from Riverside County line to Yucca Valley town limits from 4 to 6 lanes.	\$0	\$36,446,000
SCAG 2020 RTP; SCAG FREIGHTWORKS	3TK04MA12	Capacity Expansion	Riverside	29 Palms to I-405/US 101 Interchange	I-10 truck lane construction: add/construct new EB truck climbing lane from San Bernardino County line to I-10/ SR-60 junction.	\$0	\$35,709,000
2020 STIP; SCAG 2019 FTIP	3009Q/ 20179901	Capacity Expansion	San Bernardino	29 Palms to I-405/US 101 Interchange	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.	\$34,596,000	\$0
2020 STIP; SCAG 2019 FTIP	3010N/ 3016P/ 20159903	Capacity Expansion	San Bernardino	29 Palms to I-405/US 101 Interchange	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.	\$1,214,607,000	\$0
SCAG 2020 RTP	4160017	Capacity Expansion	San Bernardino	29 Palms to I-405/US 101 Interchange	SR-210 from I-215 to I-10: add HOV lane.	\$0	\$178,780,000
2020 STIP; SCAG 2019 FTIP	195N/20111 625	Capacity Expansion	San Bernardino	29 Palms to I-405/US 101 Interchange	SR-210 Lane Addition; add 1 mixed flow lane in each direction from East Highland Avenue to San Bernardino Avenue (Redlands). Includes auxiliary lanes between Base Line Street and W. 5th Street, acceleration and deceleration lane additions, and road rehabilitation.	\$181,780,000	\$0

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Programmed/ Planned Projects Located in California *(Continued)*

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SCAG 2019 FTIP	201107	Bridge Improvement; Capacity Expansion	San Bernardino	29 Palms to I-405/US 101 Interchange	Cherry Avenue Widening from South Highland Avenue to I-15 (2 to 6 Lanes). Cherry Avenue goes under the PPP Route (SR-210).	\$3,375,000	\$0
2020 SHOPP	5400/0718000158	ITS; Safety	Los Angeles	29 Palms to I-405/US 101 Interchange	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).	\$10,413,000	\$0
	None Assigned - SHOPP	Capacity Expansion				\$20,010,000	\$0
2020 SHOPP	5516/0719000020	Bridge Improvement; Non- Highway - Storm Water Mitigation	Los Angeles	29 Palms to I-405/US 101 Interchange	I-210 at North Vernon Avenue in Azusa. Upgrade pump plant, Drainage System Restoration, 1 Culvert.	\$3,875,000	\$0
2020 SHOPP	5026/0716000082	Bridge Improvement	Los Angeles	29 Palms to I-405/US 101 Interchange	I-210 in Irwindale, on the San Gabriel River Bridge No. 53-1867. Reconstruct hinge diaphragms at hinge 4 and 6, upgrade bridge railing and reinstall electroliers.	\$28,707,000	\$0
	None Assigned - SHOPP	Capacity Expansion				\$55,010,000	\$0
2020 SHOPP	5386/0718000137	Bridge Improvement	Los Angeles	29 Palms to I-405/US 101 Interchange	I-210 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.	\$17,836,000	\$0

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Programmed/ Planned Projects Located in California *(Continued)*

Project Source	Project ID	Project Type	County	Route	Project Description	Actual Project Costs	
						Funded	Unfunded
2020 SHOPP	5222/ 0717000052	ITS	Los Angeles	29 Palms to I-405/US 101 Interchange	Route 134 from Route 170 to I-210/710; Route 2 at Route 134 (R18.7); I-10 at I-5/10; and US- 101 near Pleasant Valley Road. Upgrade TMS elements including closed-circuit TV cameras, ramp metering systems, vehicle detection systems, highway advisory radio, and changeable message signs.	\$12,973,000	\$0
2020 SHOPP	5003/0716000055	Bridge Improvement	Los Angeles	29 Palms to I-405/US 101 Interchange	SR-134 at the Arroyo Seco Bridge No. 53-0166. Replace/upgrade bridge railing.	\$14,630,000	\$0
	None Assigned – SHOPP	Capacity Expansion				\$8,000,000	\$0
	None Assigned – SHOPP	Capacity Expansion				\$80,000,000	\$0
2020 SHOPP	5221/ 0717000054	ITS	Los Angeles	29 Palms to I-405/US 101 Interchange	US-101 from I-5/I-10 to I-405; Route 2 at Route 134 (R18.7); and I-10 at I-5/10. Upgrade TMS elements including closed-circuit TV cameras; ramp metering systems; vehicle detection stations; highway advisory radio; and changeable message signs.	\$15,202,000	\$0
2020 SHOPP	5363/ 0718000070	Safety	Los Angeles	I-405/US 101 Interchange to the Port of Hueneme	US-101 from south of Vineland Ave to North of Winnetka Avenue Enhance highway worker safety by paving areas beyond the gore; constructing maintenance vehicle pullouts; installing gates; fences; cable railing; and relocating controller cabinets.	\$8,196,000	\$0
	None Assigned – SHOPP	Capacity Expansion				\$22,200,000	\$0
	None Assigned – SHOPP	Capacity Expansion				\$12,800,000	\$0

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SCAG 2020 RTP; SCAG FREIGHTWORKS	VEN011205	Capacity Expansion; Bridge Improvement; Interchange Improvement	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101 Improvements: LA Co. Line to Moorpark Rd; convert aux lanes to mixed flow lanes; add 1 lane in each direction; realign ramps; construct soundwalls; widen 3 bridges. Improve US- 101/SR-23 connectors. Short time horizon.	\$47,110,000	\$0
SCAG 2020 RTP	5160001	Capacity Expansion	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101: Add 1 HOV lane in each direction from LA/Ventura County Line to SR-33.	\$140,000,000	\$560,000,000
2020 SHOPP	5231/ 0717000108	Safety	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101 from 0.2 miles south of Lakeview Canyon Road to Hobson Road undercrossing. Upgrade guardrails; end treatments; bridge connections; and add vegetation control under guardrails. Remove and replace dikes.	\$12,335,000	\$0
2020 SHOPP	5082/ 0716000225	Safety	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101 from 0.2 miles north of Westlake Boulevard to 0.3 miles north of Hobson Road. Upgrade guardrails; end treatments; bridge connections; and add vegetation control under guardrails. Remove and replace dikes.	\$14,810,000	\$0
2020 SHOPP	5030/ 0716000086	Safety	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101 from Hampshire Road to 0.3 miles north of Camarillo Springs Road. Construct access trails and maintenance vehicle pullouts; relocate irrigation facilities; install access gates; railings and breakaway post sleeves; pave gore; narrow and slope areas.	\$9,550,000	\$0
2020 SHOPP	5081/ 0716000220	Resurfacing and Reconstruction	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101 from Wendy Drive to Pleasant Valley Road; at the NB and SB commercial vehicle enforcement facilities. Replace concrete slabs and repair and replace asphalt concrete.	\$4,434,000	\$0

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	None Assigned - SHOPP	Capacity Expansion				\$36,400,000	\$0
SCAG 2019 FTIP; SCAG 2020 RTP	VEN131206/ 0718000242	Capacity Expansion; ITS	Ventura	I-405/US 101 Interchange to the Port of Hueneme	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.	\$3,000,000	\$0
SCAG 2020 RTP	5160005	Capacity Expansion	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101: Add auxiliary lanes from Flynn off-ramp to north of Johnson Drive.	\$0	\$229,175,000
SCAG 2019 FTIP; SCAG 2020 RTP	VEN131201	Capacity Expansion	Ventura	I-405/US 101 Interchange to the Port of Hueneme	US-101 Widening PA&ED Only. Study widening alternatives such as 1 or 2 HOT or HOV lanes or operational improvements. based on given MP, project is located between N. Del Norte Blvd and SR-33 (Ojai Freeway).	\$17,497,000	\$0
	None Assigned - SHOPP	Capacity Expansion				\$29,400,000	\$0
	None Assigned - SHOPP	Capacity Expansion				\$22,400,000	\$0
SCAG 2020 RTP	5A0722	Capacity Expansion; Bridge Improvement	Ventura	I-405/US 101 Interchange to the Port of Hueneme	Victoria Avenue: Widening Improvement A, widen from 4 lanes to 6 lanes (total both directions - including bridge) from Gonzales Road to Ventura City limits.	\$0	\$16,500,000
SCAG 2020 RTP	5A0726	Capacity Expansion	Ventura	I-405/US 101 Interchange to the Port of Hueneme	Victoria Avenue: Widening Improvement B, widen from 4 lanes to 6 lanes (total both directions) from Gonzales Road to Oxnard City.	\$0	\$8,437,000

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Recommended Potential Projects in California

Deficient Roadway/ Structure	Project Type	Location	Length (Miles)/ Project Description	Total Cost Estimate
CA 73	Pavement	CA 73 from Bonita Canyon Drive to MacArthur Drive	1.18	\$21,933,450
CA 73	Pavement	CA 73 from Jamboree Road to Birch Street	0.63	\$11,533,500
CA 73	Pavement	CA 73 from I-405 overpass to I-405 Merge/Diverge at Fairview Road	0.19	\$3,473,910
I-405	Pavement	I-405 from East of Normandie Avenue to West of Normandie Avenue	0.3	\$5,600,625
I-405	Pavement	I-405 from East of SR-107/ Hawthorne Blvd to West of SR-107/Hawthorne Blvd	0.4	\$16,603,950
I-405	Pavement	I-405 from Marine Avenue to W. 135th Street	1.09	\$49,261,575
I-405	Pavement	I-405 from W. 122nd Street to W Century Blvd	1.61	\$72,602,805
I-405	Pavement	I-405 from S. Slauson Avenue to Port Road	0.21	\$8,904,885
I-405	Pavement	I-405 from Stanwood Drive to WB I-10 Ramp to NB I-405 Merge North	0.7	\$30,915,885
I-405	Pavement	I-405 from North of Pico Blvd to Wilshire Blvd	1.2	\$61,697,790
Indian Trail	Pavement	Indian Trail from Desert Queen Avenue to Adobe Road	0.23	\$1,491,706
Indian Trail	Pavement	Indian Trail from Amboy Road to Manana Drive	0.8	\$5,188,542
CA 62	Pavement	CA 62 from San Bernardino/Riverside County Line to Paradise Avenue	1.1	\$9,248,100
CA 62	Pavement	CA 62 from 1.15 Miles North of Indian Canyon Drive to San Bernardino/Riverside County Line	1.2	\$10,440,000
I-10	Pavement	I-10 from West of Apache/Morongo Trail to East of Main Street	2.1	\$75,192,360
I-10	Pavement	I-10 from East Ramsey Street to Seminole Drive	1.5	\$51,153,100
I-10	Pavement	I-10 from Desert Lawn to Drive to Champions	0.3	\$8,037,060
I-10	Pavement	I-10 from Cooper Drive to Cherry Valley Boulevard	1	\$26,970,000
I-10	Pavement	I-10 from West of I-10 EB Rest Area Ramp to West County Line Road	1.3	\$34,764,330
US-101	Pavement	US-101 from Louise Avenue to White Oak Avenue	0.5	\$10,363,875
US-101	Pavement	US-101 from East of Canoga Avenue Exit (26B) to West of Canoga Avenue	0.25	\$5,304,825
US-101	Pavement	US-101 from SR 27 (Topanga Canyon Blvd) Exit 27B to West of Shoup Avenue	0.6	\$9,804,900
US-101	Pavement	US-101 from West of Valley Circle Blvd (Exit 29) to Parkway Calabasas (Exit 30)	0.7	\$26,757,720
US-101	Pavement	US-101 from East of Mureau to Road to East of Las Virgenes Road	1.3	\$49,764,000
US-101	Pavement	US-101 from West of Las Virgenes Road Exit (32) to East of Liberty Canyon Road	1.19	\$24,177,300
US-101	Pavement	US-101 from East of Kanan Road Exit to West of Kanan Road	0.41	\$7,808,250
US-101	Pavement	US-101 from Reyes Adobe Road to West of Reyes Adobe Road	0.261	\$5,154,750
US-101	Pavement	US-101 from West of Lindero Canyon Road Exit to LA/Ventura County Line	0.42	\$9,135,000

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Recommended Potential Projects in California *(Continued)*

Deficient Roadway/ Structure	Project Type	Location	Length (Miles)/ Project Description	Total Cost Estimate
US-101	Pavement	US-101 from LA and Ventura County Line to Lakeview Canyon	0.163	\$3,545,250
US-101	Pavement	US-101 from W Wilbur to Road to Lynn Road	0.595	\$22,776,600
US-101	Pavement	US-101 from Conejo Creek to East of Santa Rosa Road (Exit 52)	0.279	\$7,665,570
US-101	Pavement	US-101 from West of Santa Rosa Road to (Exit 52) to SR-34 (Lewis Road)	1.075	\$27,274,500
Victoria Ave	Pavement	Victoria Ave from Railroad Bridge (South of US-101) to US 101	0.241	\$4,489,352
Victoria Ave	Pavement	Victoria Ave from South of West Gonzales Road to North of West Gonzales Road	0.2	\$3,725,603
Victoria Ave	Pavement	Victoria Ave from West 5th Street to North of West 5th Street	0.2	\$4,470,724
Victoria Ave	Pavement	Victoria Ave from W. Channel Islands Boulevard to South of Harbour Island Lane/Ketch Avenue	0.5	\$11,176,809
RIV I-10	Congestion	WB R0.75/R3.9	3.15	\$214,672,500
LA US-101	Congestion	SB 9.31/15.96	6.619	\$451,084,850
LA US-101	Congestion	NB 14.54/17.59	3.05	\$207,857,500
LA US-101	Congestion	SB 19.4/21.39	1.99	\$135,618,500
BR # 53 1052	Bridge	US-101	Prestressed Concrete; Stringer/Multi-Beam	\$15,142,755
BR # 53 1074R	Bridge	SR 134	Steel; Stringer/Multi-Beam	\$21,963,544
BR # 53 1075R	Bridge	I-5/US-101	Steel; Stringer/Multi-Beam	\$45,287,216
BR # 53 1175	Bridge	I-405	Continuously Reinforced Concrete; Box Beam or Girder	\$26,673,487
BR # 53 1179	Bridge	I-405	Continuously Reinforced Concrete; Box Beam or Girder	\$34,178,085
BR # 53 1189	Bridge	I-405	Continuously Reinforced Concrete; Tee Beam	\$21,557,572
BR # 53 1224	Bridge	US-101	Steel; Stringer/Multi-Beam	\$16,361,833

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

Recommended Potential Projects in California (Continued)

Deficient Roadway/ Structure	Project Type	Location	Length (Miles)/ Project Description	Total Cost Estimate
BR # 53 1229	Bridge	I-405	Continuously Reinforced Concrete; Box Beam or Girder	\$22,696,050
BR # 53 1285	Bridge	SR 134	Prestressed Continuously Reinforced Concrete; Stringer/Multi-Beam	\$51,181,102
BR # 53 1790	Bridge	SR 134	Continuously Reinforced Concrete; Box Beam or Girder	\$216,100,270
BR # 53 1851	Bridge	SR-90/I-405	Continuously Reinforced Concrete; Box Beam or Girder	\$423,259,347
BR # 53 1867	Bridge	I-210	Continuously Reinforced Concrete; Box Beam or Girder	\$138,931,557
BR # 53 1882	Bridge	I-210	Continuously Reinforced Concrete; Box Beam or Girder	\$87,803,801
BR # 53 1919	Bridge	SR 134	Continuously Reinforced Concrete; Box Beam or Girder	\$48,136,638
BR # 53 1957R	Bridge	I-210	Prestressed Concrete; Stringer/Multi-Beam	\$7,677,165
BR # 53 2025	Bridge	I-210	Prestressed Concrete; Box Beam or Girder	\$15,480,914
BR # 53 2069	Bridge	I-210	Prestressed Concrete; Box Beam or Girder	\$23,114,163
BR # 53 2084L	Bridge	I-210	Continuously Reinforced Concrete; Box Beam or Girder	\$16,713,813
BR # 53 2084R	Bridge	I-210	Continuously Reinforced Concrete; Box Beam or Girder	\$13,808,461
BR # 53 2160	Bridge	I-210	Prestressed Continuously Reinforced Concrete; Box Beam or Girder	\$52,039,029
BR # 53 2279L	Bridge	I-210	Prestressed Continuously Reinforced Concrete; Box Beam or Girder	\$33,116,720
BR # 53 2279R	Bridge	I-210	Prestressed Continuously Reinforced Concrete; Box Beam or Girder	\$31,122,641
BR # 53 2365	Bridge	US-101	Concrete; Culvert	\$3,466,840
BR # 56 0003	Bridge	I-10	Continuously Reinforced Concrete; Slab	\$32,395,452
BR # 56 0450L	Bridge	I-10	Continuously Reinforced Concrete; Box Beam or Girder	\$28,442,428
BR # 57 0581L	Bridge	I-5	Continuously Reinforced Concrete; Box Beam or Girder	\$53,711,482
BR # 57 0585L	Bridge	I-5	Continuously Reinforced Concrete; Tee Beam	\$4,867,397
BR # 57 0585R	Bridge	I-5	Continuously Reinforced Concrete; Tee Beam	\$4,867,397
BR # 53 0098	Congestion/ Bridge	US-101	Concrete; Slab	\$2,028,543
BR # 53 1053	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; Tee Beam	\$1,741,181
BR # 53 1054	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,921,260
BR # 53 1055	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,271,654
BR # 53 1056	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$4,027,559
BR # 53 1057	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,921,260
BR # 53 1102L	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$1,942,913

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

Recommended Potential Projects in California (Continued)

Deficient Roadway/ Structure	Project Type	Location	Length (Miles)/ Project Description	Total Cost Estimate
BR # 53 1102R	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$1,978,346
BR # 53 1103L	Congestion/ Bridge	US-101	Concrete; Tee Beam	\$885,472
BR # 53 1103R	Congestion/ Bridge	US-101	Concrete; Tee Beam	\$885,472
BR # 53 1145L	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; Slab	\$1,457,185
BR # 53 1146L	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; Box Beam or Girder	\$3,602,362
BR # 53 1146R	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; Box Beam or Girder	\$3,850,394
BR # 53 1147R	Congestion/ Bridge	US-101	Prestress Conc; Box Beam or Girder	\$3,224,409
BR # 53 1224	Congestion/ Bridge	US-101	Steel; Stringer/Multi-Beam	\$4,640,787
BR # 53 1225	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; Tee Beam	\$3,720,472
BR # 53 1226	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,921,260
BR # 53 1264	Congestion/ Bridge		Prestressed Continuously Reinforced Concrete; Slab	\$230,315
BR # 53 1289	Congestion/ Bridge		Prestressed Continuously Reinforced Concrete; Slab	\$239,173
BR # 53 1310	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,342,520
BR # 53 1311	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,342,520
BR # 53 1315	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,992,126
BR # 53 1336R	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; 05: Box Beam or Girder	\$12,679,134
BR # 53 1337	Congestion/ Bridge	US-101	Steel; 02: Stringer/Multi-Beam	\$6,195,118
BR # 53 1338L	Congestion/ Bridge	US-101	Concrete; 05: Box Beam or Girder	\$1,854,331
BR # 53 1339F	Congestion/ Bridge	RTE-134	Continuously Reinforced Concrete; 05: Box Beam or Girder	\$13,659,449
BR # 53 1340	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,271,654
BR # 53 1353	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,271,654
BR # 53 1354	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,318,898
BR # 53 1355	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,885,827
BR # 53 1371	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; Box Beam or Girder	\$20,988,189
BR # 53 1375	Congestion/ Bridge	US-101	Concrete; Box Beam or Girder	\$3,496,063
BR # 53 1376	Congestion/ Bridge	US-101	Steel; Stringer/Multi-Beam	\$6,295,039
BR # 53 1380	Congestion/ Bridge		Concrete; Slab	\$6,129,921
BR # 53 1425	Congestion/ Bridge		Concrete; Culvert	\$232,795

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

Recommended Potential Projects in California *(Continued)*

Deficient Roadway/ Structure	Project Type	Location	Length (Miles)/ Project Description	Total Cost Estimate
BR # 53 1429	Congestion/ Bridge		Concrete; Slab	\$4,313,976
BR # 53 2132	Congestion/ Bridge	US-101	Concrete; Slab	\$8,778,543
BR # 53 2365	Congestion/ Bridge	US-101	Concrete; Culvert	\$603,543
BR # 53 2712	Congestion/ Bridge	US-101	Continuously Reinforced Concrete; Box Beam or Girder	\$3,850,394
BR # 53 2908	Congestion/ Bridge	US-101	Steel; Box Beam or Girder	\$3,531,496
BR # 53 2973R	Congestion/ Bridge	I-405 NB	Prestressed Concrete; Box Beam or Girder	\$1,907,480
BR # 56 0370	Congestion/ Bridge	I-10	Continuously Reinforced Concrete; Culvert	\$1,000,157
BR # 56 0480	Congestion/ Bridge	I-10	Prestressed Concrete; Stringer/Multi-Beam	\$1,254,567
BR # 56 0481	Congestion/ Bridge	I-10	Prestressed Concrete; Stringer/Multi-Beam	\$1,587,638
BR # 56 0482	Congestion/ Bridge	I-10	Prestressed Concrete; Stringer/Multi-Beam	\$1,332,283
BR # 56 0483	Congestion/ Bridge	I-10	Prestressed Concrete; Stringer/Multi-Beam	\$1,598,740