



PROJECT UPDATE – STATE ROUTE 1 IN SAN LUIS OBISPO & MONTEREY COUNTIES (HIGHWAY 46 TO CARMEL RIVER)

PREPARED FOR OCTOBER 26, 2018 BIG SUR MULTI-AGENCY ADVISORY COUNCIL MEETING

PROJECTS UNDER CONSTRUCTION										
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager (Resident Engineer)	Contractor	Comments
1.	Highway 1 Piedras Blancas On-Site Landscape & Mitigation (49282)	In San Luis Obispo County south of the Arroyo De La Cruz Bridge (PM 64.0-R66.9)	Landscape mitigation	Fall 2018 - Summer 2022	\$7.8 million	SHOPP	Yes	Paul Martinez	Empire Landscaping Inc.	Construction began in mid-August. Project has a 3-year plant establishment period. Estimate completion of construction in spring 2022.
2.	Highway 1 Replace 7 Culverts on Mon-1 (1F080)	In Monterey County at various locations from 2.5 miles north to 67.3 miles north of the Monterey/San Luis Obispo County line (PM 2.5-67.3)	Culvert rehabilitation	Spring – Fall 2019	\$3 million	SHOPP	Yes	Ken Dostalek	Serafix Engineering Contractors, San Ramon, CA	ACOE permit requires a construction window of March – October on 4 (of 7) culverts which convey “blue line” streams.
3.	Highway 1 EFA Contract #05A1959 (1H780)	South of Gorda to Lucia (PM 8.23)	Remove slide at Mud Creek and Paul’s Slide	Spring 2019	\$60 million	SHOPP	Yes	Zeke DeLlamas (RS)	John Madonna Construction San Luis Obispo, CA	Mud Creek (PM 8.9) \$54 million and Paul’s Slide (PM 21.6) \$6 million.
4.	Highway 1 Bridges Project (1H660)	From north of Gorda to Garrapata Creek Bridge (PM 11.7/63.0)	Bridge joint/seal and overlay	Summer 2018 - Winter 2018/19	\$2.8 million	SB-1	Yes	Kelly McClain (TL)	American Civil Constructors West Coast Inc. Benicia, CA	Construction began June 26, 2018.
5.	Highway 1 Worker Safety Improvements (1C990)	Various locations. (PM 72.2 - R81.1)	Roadside safety improvements	Summer 2018 - Spring 2019	\$3.4 million	SHOPP	Yes	Carla Yu (DP)	Granite Construction Watsonville, CA	Construction began in July 2018.
6.	Highway 1 Climbing Lane (0L570)	Between the Carmel River Bridge and Carmel Valley Road (PM 72.3-72.9)	Operation improvements & climbing lane at Rio Road	Spring 2018— September 26, 2018	\$2.6 million	STIP	Yes	David Rasmussen	County Project (Resource Management Agency)	Oversight project. County completed construction Sept. 26— project acceptance pending.



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7.	Highway 1 Realignment at Mill Creek (0P300)	In Monterey County north of Mill Creek Bridge (PM 18.5-18.7)	Construct retaining wall or construct viaduct	Summer 2027	\$5.2 million	SHOPP	Yes	Ken Dostalek	Project has been submitted for programming in the 2018 SHOPP. PA&ED began July 1, 2018.
8.	Highway 1 Limekiln Creek Bridge Replacement (1F510)	In Monterey County from south of Limekiln Creek Bridge to just north of Limekiln Creek Bridge (PM 20.1-21.9)	Replace bridge	Summer 2025 – Winter 2028	\$64.6 million	SHOPP	Yes	Ken Dostalek	Project is “Long Lead” with a longer than normal environmental study period of 60 months due to its sensitive location. PA&ED expected December 2021.
9.	Highway 1 Replace Culvert near Limekiln Creek (0Q500)	Near Lucia South of Limekiln Bridge (PM 20.4)	Replace culvert and repair erosion	Fall 2021	\$1.5 million	SHOPP	Yes	Ken Dostalek	PR circulating for final comments/signatures. PA&ED (M200) milestone expected November 15, 2018.
10.	Highway 1 Big Sur CAPM (1F680)	In Monterey County near Big Sur from Torre Canyon Bridge to Carpenter Street (PM 39.8-74.6)	Pavement rehabilitation	Spring 2020—Fall 2021	\$24 million	SHOPP	Yes	Carla Yu	Project is in design.
11.	Highway 1 Castro Canyon Bridge Rail Upgrade (1H490)	Near Big Sur at Castro Canyon Bridge (PM 43.1)	Replace bridge rail	Spring 2022	\$1.6 million	SHOPP	Yes	Ken Dostalek	Project to upgrade existing bridge rail. Widening or replacement will also be considered. Environmental studies began July 1, 2018.



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PROJECTS IN DEVELOPMENT (Cont'd.)									
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager	Comments
12.	Highway 1 Hurricane Pt. to Rocky Crk Viaduct-Collision Severity Reduction (1A000)	In Monterey County south of the Bixby Creek Bridge to south of the Rocky Creek Bridge (PM 58.3-59.8)	Shoulder widening, guardrail upgrades, potential retaining wall	Spring 2019	\$5.3 million	SHOPP	Yes	Ken Dostalek	Project advertised. Bid opening scheduled for 11/4/18.
13.	Highway 1 Garrapata Creek Bridge Rail Replacement (1H800)	Near Big Sur at Garrapata Creek Bridge (PM 62.97)	Bridge rail rehabilitation	Fall 2023	\$12 million	SHOPP	Yes	Carla Yu	Environmental studies are underway. Project is a “long lead” with a longer than normal environmental study period due to need to develop a context sensitive bridge rail with historic structures.
14.	Highway 1 Garrapata Creek Bridge Rehab (1H460)	South of Carmel-by-the-Sea at Garrapata Creek Bridge (PM 63.0)	Electrochemical Chloride Extraction (ECE) of bridge structure	Spring 2023	\$18 million	SHOPP	No	Carla Yu	Project was accelerated into 2016 SHOPP and environmental studies are underway.
15.	Highway 1 Piedras Blancas Off-site Landscape Mitigation (49285)	San Luis Obispo County north of the Arroyo De La Cruz Bridge (PM R67.2)	Landscape mitigation	Winter 2020- Winter 2025	\$7.5 million	SHOPP	Yes	Paul Martinez	The project will provide off-site landscaping and mitigation on State Parks lands for impacts to wetlands and coastal prairie from the Piedras Blancas Realignment project. A 5-year plant establishment period is planned.
16.	Highway 1 Culvert Rehab 1 (1J990)	In Monterey County from 0.1 mile north of the SLO county line to 2.8 miles south of Big Sur (PM 0.1-43.8)	Drainage System Restoration	Summer 2026	\$9 million	SHOPP	Yes	Ken Dostalek	Project to be programmed in 2020 SHOPP. Environmental studies to begin July 2020.



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CANDIDATE PROJECTS									
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager	Comments
17.	Highway 1 Paul's Slide 2 (1K090)	Near Lucia, just north of Pitkin's Bridge (PM 21.8)	Restore Roadway	Fall 2024	\$5 million	SHOPP	Yes	Ken Dostalek	2020 SHOPP candidate. Expected PID approval date January 30, 2019.
18.	Highway 1 Big Creek Bridge Rail Replacement (1J870)	On Route 1 in Monterey County from 1 mile north of Vicente Creek Bridge to 1 mile south of Sycamore Draw Bridge (PM 26.9/38.3)	Replace Bridge Railing and extract chlorides, drainage improvements and count station	Summer 2024	\$23 million	SHOPP	Yes	Ken Dostalek	Project is currently in scoping (PID) phase. PA&ED phase expected to begin July 2020. PS&E phase expected to begin July 2022.
19.	Highway 1 Rancho Barranca Retaining Wall (0P330)	North of Lucia (PM 30.4)	Construct retaining wall	Candidate	\$1.1 million	SHOPP	Yes	Ken Dostalek	Project is currently not programmed.
20.	Highway 1 Carmel River Overflow Bridge (1F650)	In Monterey County, on Route 1, 0.2 miles south of Carmel River Bridge (PM 71.9 - 72.3)	Drainage Improvements	Candidate	\$10,578 million	Local, Oversight	Yes	David Rasmussen	Oversight project PI 05 1400 0043

ACRONYMS USED IN THIS REPORT:

- CDP Coastal Development Permit
- ED Environmental Document
- PA&ED Project Approval and Environmental Document
- PS&E Plans, Specifications, and Estimate
- RTL Ready to List
- SHOPP State Highway Operation and Protection Program
- STIP Statewide Transportation Improvement Program