



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

PREPARED FOR AUGUST 10, 2018 BIG SUR MULTI-AGENCY ADVISORY COUNCIL MEETING

PROJECTS UNDER CONSTRUCTION										
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Manager (Resident Engineer)	Contractor	Comments
1.	Highway 1 EFA Contract #05A1959 (1H780)	In Monterey County South of Gorda to Lucia (PM 8.0-23.0)	Reestablish highway at Mud Creek (PM 8.9) and Paul's Slide (PM 21.6)	Paul's closed 2/17/17 and re-opened 7/18/17. Mud Creek reopened July 18, 2018	\$84 million—approximately \$54 million at Mud Creek and \$30 million at Paul's Slide	SHOPP	Yes	Joe Erwin (RS)	John Madonna Construction Company, SLO	Ribbon Cutting on July 20, 2018. Final items remain and will be completed under one-way traffic control for up to 12 months.
2.	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-Fall 2018	\$3.8 million	SB-1	Yes	Kelly McKinley (TL)	American Civil Constructors West Coast Inc., Benicia, CA	Construction began in July and scheduled to complete by the end of November, 2018.
3.	Highway 1 Pfeiffer Canyon Bridge (1J1304)	In Monterey County within Big Sur (PM 45.52)	Emergency Bridge Reconstruction	Spring 2017-July 3, 2018	\$24 million	SHOPP	Yes	David Silberberger (TL)	Golden State Bridge	All work was completed and project was accepted on July 3, 2018.
4.	Highway 1 Worker Safety Improvements (1C990)	In Monterey County at various locations, (PM 72.2 - R81.1)	Roadside Safety Improvements	Summer 2018 – Spring 2019	\$3.4 million	Local, Oversight	Yes	Carla Yu (DP)	Granite Construction Company of Watsonville, CA	Construction began in July 2018.
5.	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—Summer 2018	\$2.6 million	STIP	Yes	David Rasmussen	County Project (Resource Management Agency)	Oversight project. County has started construction which is anticipated to be completed by the end of Summer 2018.



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PROJECTS IN DEVELOPMENT									
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager	Comments
6.	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	The project was awarded and construction will begin by the end of August 2018
7.	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	Fall 2018 – Fall 2019	\$3 million	SHOPP	Yes	Ken Dostalek	Advertised on 7/23/18. Bid opening scheduled for 8/29/18.
8.	Highway 1 Replace Culvert near Limekiln Creek (0Q500)	In Monterey County near Lucia slightly south of Limekiln Creek Bridge (PM 20.4)	Replace culvert and repair erosion	Summer 2020	\$1.5 million	SHOPP	Yes	Ken Dostalek	Draft project report and environmental document being circulated externally for review. PA&ED expected November 2018.
9.	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.
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 preservation	Spring 2020—Fall 2021	\$24 million	SHOPP	Yes	Carla Yu	Project is in design.
11.	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	Summer 2019	\$5 million	SHOPP	Yes	Ken Dostalek	Design complete. Funding verification: August 2018. Advertise for bids: October 2018.



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12.	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.
13.	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 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.

CANDIDATE PROJECTS									
	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager	Comments
14.	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.
15.	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.



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16.	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.
17.	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.
18.	Highway 1 Castro Canyon Bridge Rail Upgrade (1H490)	Near Big Sur at Castro Canyon Bridge (PM 43.1)	Replace bridge rail	Candidate	\$1 million	SHOPP	Yes	Ken Dostalek	Replace timber bridge railing with steel or concrete bridge barrier.
19.	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	Project is a “long lead” with a longer than normal environmental study period due to need to develop a context sensitive bridge rail of historic structures.
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:

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| 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 |