



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

PREPARED FOR OCTOBER 21, 2016 Big Sur Multi-Agency Advisory Council Meeting

## COMPLETED PROJECTS UNDER CONSTRUCTION

	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager (Resident Engineer)	Contractor	Comments
1.	<b>Highway 1 Elephant Trunk Slide Permanent Restoration (1A7004)</b>	San Luis Obispo County, 3 miles north of San Carpoforo Creek Bridge to Limekiln Creek (73.7-74.0)	Construct a 1,000-foot-long retaining wall for permanent restoration and to stabilize settlement	Ribbon Cutting Oct. 20, 2016	\$9.5 million	SHOPP	Yes	Lisa Lowerison (RS)	John Madonna Construction of San Luis Obispo, CA.	Plant establishment work ongoing through Fall 2017
2.	<b>SLO 1 Rumble Strips (1C2404)</b>	San Luis Obispo County from Highland Drive to 1.2 miles north of Hearst Castle (PM17.7-59.0)	Install Rumble Strip	May 2, 2016—Sept. 6, 2016	\$2.4 million	SHOPP	No	Amy Donatello (AN)	Souza Contracting, Inc.	Construction completed on September 6, 2016.

## PROJECTS UNDER CONSTRUCTION

	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager (Resident Engineer)	Contractor	Comments
1.	<b>Highway 1 Piedras Blancas Realignment (492804)</b>	San Luis Obispo County from Point Piedras Blancas to Arroyo De La Cruz Bridge (PM 64.0-R66.9)	Realign highway	Fall 2015-- Winter 2018	\$22.1 million	SHOPP	Yes	Paul Martinez (RS)	Papich Construction	Roadway construction and structure construction continuing.
2.	<b>Highway 1 Cow Cliffs Viaduct (1F8904)</b>	Monterey County Near Lucia from 0.1 Mile South of Big Creek Bridge to 2.8 Miles South of Dolan Creek Bridge (PM 28.0-28.6)	Construct Viaduct	Summer 2015- Fall 2016 Ribbon Cutting Oct. 20, 2016	\$3.9 million	SHOPP	Yes	Ken Dostalek (TL)	RGW Construction Inc.	Construction scheduled to complete at the end of October.



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3.	<b>Highway 1 AC Overlay (1G6704)</b>	Monterey County Various Locations (40.8-62.5)	Overlay Existing Roadway	Spring 2017— Summer 2017	\$1.2 million	Maintenance	No	Kelly McClain (TL)	Graniterock Construction	Project was delayed due to fire, scheduled to begin in Spring 2017.

## PLANNED PROJECTS

	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager (Resident Engineer)	Comments
1.	<b>Highway 1 Piedras Blancas On-site Landscape &amp; Mitigation (49282)</b>	San Luis Obispo County south of the Arroyo de la Cruz Bridge, PM 64.0-R66.9	Landscape Mitigation	Winter 2018— Summer 2022	\$7.8 million	SHOPP	Yes	Paul Martinez	The project will provide landscaping and mitigation for impacts to wetlands and coastal prairie as part of the Piedras Blancas Realignment project.
2.	<b>Highway 1 Replace 7 Culverts on Mon-1 (1F080)</b>	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	\$2.5 million	SHOPP	Yes	Ken Dostalek	Environmental Document approved 4/8/16. PA&ED completed on 6/20-16. Construction estimated to begin in Fall of 2018 and finish in spring of 2022.
3.	<b>Highway 1 Realignment at Mill Creek (0P300)</b>	Monterey County north of Mill Creek (18.5-18.7)	Construct retaining wall or construct viaduct	Summer 2027	\$5.2 million	SHOPP	No	Ken Dostalek	Project is a 2018 SHOPP candidate. If programmed environmental studies (PA&ED phase) could begin as early as January 2018. Project has been designated as “long lead” due to its sensitive location.
4.	<b>Highway 1 Replace Culvert near Limekiln Creek (0Q500)</b>	Monterey County near Lucia at 0.6 mile south of Limekiln Creek Bridge (PM 20.4)	Replace culvert and repair erosion	Summer 2020	\$1.5 million	SHOPP	No	Ken Dostalek	Programmed in 2016 SHOPP. Environmental studies (PA&ED phase) has begun and scheduled to complete in fall of 2018. Opportunity for public to view proposal during circulation of “Draft Environmental Document” in February of 2018. Construction expected to begin in the summer of 2020.



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	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager (Resident Engineer)	Comments
5.	<b>Highway 1 Limekiln Creek Bridge Replacement (1F510)</b>	Monterey County from 0.1 miles south of Limekiln Creek Bridge to 0.1 miles north of Limekiln Creek Bridge (20.1-21.9)	Replace Bridge	Summer 2025	\$64.6 million	SHOPP	No	Ken Dostalek	Environmental studies (PA&ED phase) began in January 2016. Project is “long lead” because of sensitive location. Opportunity for public to view proposal during circulation of “Draft Environmental Document” in February of 2018. Construction is expected to begin in August of 2025 and finish in December of 2028.
6.	<b>Highway 1 Paul’s Slide Repair (0T850)</b>	Monterey County 1 mile south of Lucia to 0.5 miles north of Limekiln Cr. Bridge (21.6-22.1)	Widen Highway, Install Catchment	Fall 2019	\$16.1 million	SHOPP	No	Ken Dostalek	Project scope has changed from constructing a viaduct to installing a catchment and improving drainage. May require widening of highway and installation of retaining structures.
7.	<b>Highway 1 Replace Culvert (0F460)</b>	Monterey County at 1.0 mile north of Julia Pfeiffer Burns State Park (36.9)	Replace Double 36” dia.	Summer / Fall 2017	\$291,000	Minor B Bid Project	No	Lance Gorman	Project delayed due to funding and environmental permits. Maintenance will be doing their winter prep culvert entrance and outlet cleaning ahead of winter. That will involve localized closures with traffic control around them.
8.	<b>Highway 1 Big Sur CAPM (1F680)</b>	Monterey County near Big Sur from Torre Canyon Bridge to Carpenter (PM 39.8-74.6)	Pavement Preservation	Fall 2020	\$24.3 million	SHOPP	Yes	David Rasmussen (PM)	Continuing environmental studies that began in April, 2016.
9.	<b>Highway 1 Hurricane Pt. to Rocky Creek Viaduct-Collision Severity Reduction (1A000)</b>	Monterey County 1 mile south of the Bixby Creek Bridge to 0.25 miles south of the Rocky Creek Bridge (58.3-59.8)	Shoulder widening, guardrail upgrades, potential retaining wall	Summer 2019	\$5 million	SHOPP	Yes	Ken Dostalek	Draft Environmental Document approved on 5/10/16. 30-day public comment period completed on 6/6/16. Currently addressing Coastal Commission comments.
10.	<b>Highway 1 Piedras Blancas Off-site Landscape Mitigation (49281)</b>	San Luis Obispo County north of the Arroyo de la Cruz Bridge, PM R67.2	Landscape Mitigation	November 2017 thru January 2024	\$3.8 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.



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11.	<b>Highway 1 Climbing Lane (0L570)</b>	Monterey County between the Carmel River Bridge and Carmel Valley Rd. (72.3-72.9)	Operation Improvements /Climbing Lane at Rio Rd.	Summer 2016	\$2.6 million	STIP	Yes	Dave Rasmussen	CT has provided comments on 60% PS&E. Waiting on submittal of 95% PS&E.

## CANDIDATE PROJECTS

	Project	Location	Description	Construction Timeline	Construction Cost	Funding Source	Coastal Development Permit	Project Manager (Resident Engineer)	Comments
1.	<b>Highway 1 Rancho Barranca Retaining Wall (0P330)</b>	Monterey County, 7.4 miles north of Lucia (30.4)	Construct Retaining Wall	Candidate	\$1.1 million	SHOPP	No	Ken Dostalek (PM)	2018 SHOPP candidate project. If programmed environmental studies (PA&ED phase) would start on 7/1/2018.
2.	<b>Highway 1 Castro Canyon Bridge Rail Upgrade (1H490)</b>	Monterey County near Big Sur at Castro Canyon Bridge (43.1)	Replace Bridge Rail	Candidate	\$1 million	SHOPP	Yes	Ken Dostalek (PM)	2018 SHOPP candidate project. If programmed, environmental studies (PA&ED phase) would start on 7/1/2018.
3.	<b>Highway 1 Garrapata Creek Bridge Rail Replacement (1H800)</b>	Monterey County near Big Sur at Garrapata Creek (62.97)	Bridge Rail Rehabilitation	Candidate	10.6 million	SHOPP	Yes	David Silberberger (PM)	2018 SHOPP candidate project. If programmed, environmental studies (PA&ED phase) would start on 7/1/2018.
4.	<b>Highway 1 Garrapata Creek Bridge Rehab (1H460)</b>	Monterey County near Big Sur at Garrapata Creek Bridge (63.0)	Bridge Rehabilitation and Rail Upgrade	Candidate	\$18 million	SHOPP	No	David Silberberger (PM)	2018 SHOPP candidate project. If programmed, environmental studies (PA&ED phase) would start on 7/1/2018.