

## **MEMORANDUM**

**To:** CHAIR AND COMMISSIONERS  
CALIFORNIA TRANSPORTATION COMMISSION

**CTC Meeting:** June 24-25, 2020

**From:** STEVEN KECK, Chief Financial Officer

**Reference Number:** 2.1a.(1), Action Item

**Prepared By:** Bruce De Terra, Chief  
Division of Transportation Programming

**Subject:** **SHOPP AMENDMENT 18H-018**

### **ISSUE:**

Should the California Transportation Commission (Commission) approve the California Department of Transportation's (Department) request to amend the 2018 State Highway Operation and Protection Program (SHOPP) under SHOPP Amendment 18H-018?

### **RECOMMENDATION:**

The Department recommends that the Commission approve SHOPP Amendment 18H-018 that will amend the 2018 SHOPP, in accordance with Senate Bill 486 and the Road Maintenance and Rehabilitation Program component of Senate Bill 1, which require the Commission to approve changes to projects in the SHOPP or to adopt new projects being amended into the SHOPP.

The Department recommends 3 new capital projects be amended into the 2018 SHOPP, as detailed in attached Reference No. 2.1a.(1a). This amendment, summarized below, would be funded from the Major Damage Restoration and 2018 SHOPP programming capacity. These projects are consistent with the 2018 Transportation Asset Management Plan (TAMP).

<b>2018 SHOPP Summary of New Projects by Category</b>	<b>No.</b>	<b>FY 2018-19 (\$1,000)</b>	<b>FY 2019-20 (\$1,000)</b>	<b>FY 2020-21 (\$1,000)</b>	<b>FY 2021-22 (\$1,000)</b>
Major Damage Restoration	3	\$0	\$10,590	\$0	\$0
Total New Amendments	3	\$0	\$10,590	\$0	\$0

*“Provide a safe, sustainable, integrated and efficient transportation system to enhance California’s economy and livability”*

Also, the Department further recommends that the capital projects, detailed in Attachment 2.1a.(1d) and Attachment 2.1a.(1g) be amended in the 2018 SHOPP to update scope, schedule, cost and make other technical changes. The amended projects are consistent with the Commission-adopted 2018 TAMP.

**BACKGROUND:**

In each even-numbered year, the Department prepares a four-year SHOPP which defines major capital improvements necessary to preserve and protect the State Highway System. Periodically, the Department proposes amendments to the SHOPP to address newly identified needs prior to the next programming cycle. Between programming cycles, the Department updates scope, schedule and cost to effectively deliver projects.

Senate Bill 486, approved by the Governor on September 30, 2014, requires Commission approval of projects amended into the SHOPP.

Attachments

## List of New 2018 SHOPP Capital Project Amendments

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work	FY	Project Costs (\$1,000)			Program Code Leg./Congress. Dists. Perf. Meas.
<b>Major Damage Restoration</b>						
1 08-Riv-91 10.3 3016W 082000141 1L710	In the city of Riverside, at Buchanan Street Overcrossing No. 56-0368. Repair bridge and sign structure.	19-20	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$30 \$100 \$10 \$250 \$10 <u>\$890</u> \$1,290	19-20 19-20 19-20 19-20 19-20 19-20	201.130 Assembly: 60 Senate: 31 Congress: 42 1 Location(s)
2 11-SD-8 R23.6 1421 1120000182 43115	Near El Cajon, at 1.8 miles east of Lake Jennings Park Road. Repair failed culvert and reconstruct roadway.	19-20	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$500 \$0 <u>\$3,000</u> \$3,500	19-20 19-20	201.130 Assembly: 71 Senate: 38 Congress: 50 1 Location(s)
3 11-SD-Var Var 1418 1120000121 43114	In San Diego and Imperial Counties, on various routes at various locations. Remove and install backplates with retro-reflective borders and install pavement markings.	19-20	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$800 \$0 <u>\$5,000</u> \$5,800	19-20 19-20	201.130 Assembly: 71, 75-80 Senate: 36, 38, 39, 40 Congress: 49-53 91 Location(s)

## List of 2018 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
1 01-Hum-101 69.9/75.2 2382 0113000009 0C570	In and near Eureka, from south of Fields Landing Overhead to north of Herrick Avenue Overcrossing. Roadway rehabilitation. (G13 Contingency)	19-20 201.122	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$646 \$1,258 \$52 <del>\$0</del> \$11 <del>\$0</del> \$1,967	Prior Prior Prior 19-20 19-20 19-20	\$646 \$1,258 \$52 <b>\$5,250</b> \$11 <b>\$23,331</b> <b>\$30,548</b>	Prior Prior Prior 19-20 19-20 19-20
	<u>Performance Measure</u> 20.6 Lane mile(s)						

Note: Fully program previously unfunded phases of this G13 Contingency project.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	19.5	1.1	0.0	20.6
Post Condition	Lane mile(s)	20.6	0.0	0.0	20.6

2 04-Ala-84 13.0/13.6 0084B 0400000429 16030	In Fremont, at Alameda Creek Bridge No. 33-36. Replace bridge.	18-19 201.110	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$6,500 \$6,000 \$299 <del>\$5,000</del> \$275 <del>\$24,000</del> \$42,074	Prior Prior Prior 18-19 18-19 18-19	\$6,500 \$6,000 \$299 <b>\$4,000</b> \$275 <b>\$23,642</b> <b>\$40,716</b>	Prior Prior Prior 18-19 18-19 18-19
	<u>Performance Measure</u> 1 Bridge(s)  (Concurrent CONST and CON ENG allocation under Resolution FP-19-90; June 2020.)						

Note: Split environmental mitigation and plant establishment work from this project into EA 16031/PPNO 04-1084B.

Performance Measure: Bridges (1 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	9,515.0	0.0	9,515.0
Post Condition	Square feet	28,060.0	0.0	0.0	28,060.0

**List of 2018 SHOPP Amendments  
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)					
3 04-SF-80 3.8/R5.0 1483S 0419000294 2J802	In the City and County of San Francisco, on Route 80, at the Bayshore Viaduct No. 34-0088 from Route 101 to 4th Street. Paint superstructure steel members.  (G13 Contingency)	19-20 201.110	PA&ED	\$2,500	Prior	\$2,500	Prior	
			PS&E	\$9,200	Prior	\$9,200	Prior	
			R/W Sup	\$300	Prior	\$300	Prior	
			Con Sup	\$0	19-20	\$7,500	19-20	
			R/W Cap	\$76	19-20	\$76	19-20	
			<u>Const Cap</u>	\$0	19-20	<b>\$50,397</b>	19-20	
			Total	\$12,076		<b>\$69,973</b>		

Performance Measure

1 Bridge(s)

Note: Fully program previously unfunded phases of this G13 Contingency project.

Performance Measure: Bridges (1 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	0.0	756,121.0	756,121.0
Post Condition	Square feet	756,121.0	0.0	0.0	756,121.0

4 04-SF-101 4.1/R5.1 1483T 0419000293 2J801	In the City and County of San Francisco, at the Central Viaduct No. 34-0077 from south of 17th Street to S. Van Ness Avenue. Paint superstructure steel members.  (G13 Contingency)	19-20 201.110	PA&ED	\$0		\$0	
			PS&E	\$0		\$0	
			R/W Sup	\$0		\$0	
			Con Sup	\$0	19-20	\$7,500	19-20
			R/W Cap	\$153	19-20	\$153	19-20
			<u>Const Cap</u>	\$0	19-20	<b>\$50,396</b>	19-20
			Total	\$153		<b>\$58,049</b>	

Performance Measure

1 Bridge(s)

Note: Fully program previously unfunded phases of this G13 Contingency project.

Performance Measure: Bridges (1 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	0.0	450,017.0	450,017.0
Post Condition	Square feet	450,017.0	0.0	0.0	450,017.0

## List of 2018 SHOPP Amendments (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
5 05-Mon-101 R6.7 2565 0514000064 1F820	Near Paso Robles, at San Antonio River Bridge No 44-0141L/R. Bridge seismic restoration.  <u>Performance Measure</u> 2 Bridge(s)	19-20 201.113	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,529 \$1,800 \$15 \$2,236 \$216 <del>\$11,867</del> \$17,663	Prior Prior Prior 19-20 19-20 19-20 19-20	\$1,529 \$1,800 \$15 \$2,236 \$216 <del>\$11,847</del> \$17,643	Prior Prior Prior 19-20 19-20 19-20

(Concurrent CONST and CON ENG allocation under Resolution FP-19-90; June 2020.)

Note: Split environmental mitigation for biological monitoring from this project into EA 1F821/PPNO 05-2565A.

Performance Measure: Bridges (2 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	0.0	31,388.0	31,388.0
Post Condition	Square feet	31,388.0	0.0	0.0	31,388.0

6 06-Ker-99 10.4/21.2 6681 0614000010 0Q920	In and near Bakersfield, from 0.5 mile south of Old US 99 Overcrossing to 0.1 mile north of White Lane. Rehabilitate pavement.  <del>(G13 Contingency)</del> <u>Performance Measure</u> 33.3 Lane mile(s)	19-20 201.122	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$700 \$2,300 \$20 \$0 \$770 <del>\$0</del> \$3,790	Prior Prior Prior 19-20 19-20 19-20	\$700 \$2,300 \$20 <del>\$4,800</del> \$770 <del>\$58,150</del> \$66,740	Prior Prior Prior 19-20 19-20
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Note: Fully program unfunded phases of this previous G13 Contingency project.

Performance Measure: Pavement					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Lane mile(s)	11.8	8.4	13.1	33.3
Post Condition	Lane mile(s)	33.3	0.0	0.0	33.3

**List of 2018 SHOPP Amendments  
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
7 08-Riv-62 R6.7/9.2 0023C 0814000113 1E840	In and near Yucca Valley and Twentynine Palms, from north of Indian Avenue to Utah Trail; also in San Bernardino County (PM 0.0/15.1 and PM 29.3/33.6). Pavement rehabilitation.	19-20 201.121	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$1,450 \$2,800 \$1,110 <del>\$0</del> \$2,209 <del>\$0</del> \$7,569	Prior Prior Prior 19-20 19-20 19-20 19-20	\$1,450 \$2,800 \$1,110 <b>\$4,658</b> \$2,209 <b>\$34,693</b> <b>\$46,920</b>	Prior Prior Prior 19-20 19-20 19-20

Performance Measure

~~85.5 Lane mile(s)~~

**85.3 Lane mile(s)**

(Concurrent CONST and CON ENG allocation under  
 Resolution FP-19-90; June 2020.)

Note: Fully program unfunded phases of this previous G13 Contingency project. Update performance to reflect current pavement survey data.

Performance Measure: Pavement		<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
	<u>Unit</u>				
Existing Condition	Lane mile(s)	4.7	74.6	6.0	85.3
Post Condition	Lane mile(s)	85.3	0.0	0.0	85.3

**List of 2018 SHOPP Amendments  
 (Cost, Scope, Schedule and Technical Changes. Includes Federal Emergency Relief.)  
 for Construction Manager/General Contractor Project**

Project No. Dist-Co-Rte PM PPNO Project ID EA	Project Location and Description of Work Performance Measure	FY Program Code	Project Costs (\$1,000)				
1 04-CC-580 5.6/6.2 0086R 042000074 4G891	In Richmond, at Scofield Avenue Undercrossing No. 28-140L/R. Seismic retrofit. <b>This is a Construction Manager/General Contractor (CMGC) project.</b>  <u>Performance Measure</u> 2 Bridge(s)	19-20 201.113	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$1,982 \$47 <del>\$4,437</del> \$872 <del>\$15,340</del> \$22,678	Prior Prior 19-20 19-20 19-20 19-20	\$0 \$1,982 \$47 <b>\$3,700</b> \$872 <b>\$14,140</b> <b>\$20,741</b>	Prior Prior 19-20 19-20 19-20

Note: Split this Construction Manager/General Contractor (CMGC) parent project into project EA 4G892/PPNO 04-0086S to be constructed as an independent construction contract-Early Work Package No. 1.

Performance Measure: Bridges (2 Bridge(s))					
	<u>Unit</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>	<u>Quantity</u>
Existing Condition	Square feet	0.0	0.0	78,587.0	78,587.0
Post Condition	Square feet	78,587.0	0.0	0.0	78,587.0

2 04-CC-580 5.6/6.2 0086S 0420000260 4G892	In Richmond, at Scofield Avenue Undercrossing No. 28-140L/R. <b>Early Work Package No. 1 for Construction Manager/General Contractor (CMGC) parent project EA 4G891. Conduct soil surveys to develop retaining wall design, create access to facilitate seismic retrofit work, conduct soil analysis for hazardous material, and fabricate and weld brackets to column casing.</b>	19-20 201.113	PA&ED PS&E R/W Sup Con Sup R/W Cap <u>Const Cap</u> Total	\$0 \$0 \$0 \$737 \$0 <u>\$1,200</u> \$1,937	19-20 19-20
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**Performance Measure**  
**0 Bridge(s)**

(Concurrent CONST and CON ENG allocation under Resolution FP-19-90; June 2020.)

Note: Split the Construction Manager/General Contractor (CMGC) parent project EA 4G891/PPNO 04-0086R into this project to be constructed as an independent construction contract-Early Work Package No. 1.