Memorandum

To: CHAIR AND COMMISSIONERS
   CALIFORNIA TRANSPORTATION COMMISSION

From: STEVEN KECK
      Chief Financial Officer

Subject: STIP AMENDMENT 18S-11
         SAN MATEO/SANTA CLARA COUNTIES – PPNO 0658D

ISSUE:

Should the California Transportation Commission (Commission) approve the requested State Transportation Improvement Program (STIP) Amendment 18S-11?

RECOMMENDATION:

The California Department of Transportation (Department) requests that the Commission approve the requested STIP Amendment 18S-11. This item was noticed at the Commission’s December 2018 meeting.

The Department, San Mateo County Transportation Authority (SMCTA) and the City/County Association of Governments (C/CAG) propose to amend the San Mateo and Santa Clara US 101 Managed Lanes Project (PPNO 0658D) in San Mateo/Santa Clara Counties, to split-out a portion of the scope of work into a new segment for early delivery.

BACKGROUND:

At its May 2018 meeting, the Commission approved $233.2 million in Senate Bill 1 (SB 1) Solutions for Congested Corridors Program (SCCP) funds for the San Mateo and Santa Clara US 101 Managed Lanes Corridor project. The project is comprised of two segments – the US 101 Managed Lanes project (PPNO 0658D), which includes $200 million in SB 1 SCCP funding; and the Silicon Valley Express Lanes – Phase 3 project (PPNO 2015E), which includes $33.2 million in SB 1 SCCP funding. The Silicon Valley Express Lanes – Phase 3 project received an allocation at the August 2018 Commission meeting. The contract was awarded on December 6, 2018, and construction is expected to start in January 2019.

The US 101 Managed Lanes project (PPNO 0658D) consists of constructing 44 lane-miles of managed lanes in San Mateo and Santa Clara Counties and is programmed for delivery in fiscal year 2019-20. The project is planned for delivery using the Construction Manager/General Contractor method of delivery.
The Department, SMCTA and C/CAG propose to accelerate the overall delivery commitment of the US 101 Managed Lanes project by delivering a portion of the project scope early. Of the 44 lane-miles of managed lanes to be constructed, 15.6 lane-miles involves mostly reconstruction of the median and restriping of the existing lanes, along with installing infrastructure needed for operation of the express lanes; no roadway widening or utility relocation efforts are needed in this section. Early delivery of this segment (15.6 lane-miles), combined with the delivery of the adjacent Silicon Valley Express Lanes project (19.3 lane-miles), will provide much needed relief to the travelling public by providing a combined total of 34.9 lane-miles of express lanes between these two contracts.

In accordance with the STIP Guidelines requiring a 30 day public notice, this STIP amendment proposes to split the overall US 101 Managed Lanes project into two segments:

- **US 101 Managed Lanes project – Northern Segment (PPNO 0658D)**
  Construct 28.4 lane-miles of managed lanes on US 101, from Whipple Avenue Interchange to just north of I-380. Delivery is planned for FY 2019-20. SCCP funding: $125,190,000.

- **US 101 Managed Lanes project – Southern Segment (PPNO 0658H)**
  Construct 15.6 lane-miles of managed lanes (express lanes) on US 101, from approximately two miles south of the San Mateo/Santa Clara County line to Whipple Avenue Interchange. This segment is proposed for early delivery in 2018-19. SCCP funding: $74,810,000.

The proposed funding plan for each project segment is as follows:

"Provide a safe, sustainable, integrated and efficient transportation system to enhance California’s economy and livability"
## REVISE: US 101 Managed Lanes Project (PPNO 0658D)

<table>
<thead>
<tr>
<th>County</th>
<th>District</th>
<th>PPNO</th>
<th>EA</th>
<th>Element</th>
<th>Const. Year</th>
<th>PM Back</th>
<th>PM Ahead</th>
<th>Route/Corridor</th>
</tr>
</thead>
<tbody>
<tr>
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<td>2019-20</td>
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</table>

### Implementing Agency: (by component)
- PA&E: Caltrans
- R/W: Caltrans
- CON: Caltrans

### RTPA/CTC: Metropolitan Transportation Commission

### Project Title: US 101 Managed Lanes Project - Northern Segment

### Location:
In San Carlos, Millbrae, Burlingame, San Mateo, Belmont, Menlo Park, Redwood City, and East Palo Alto in San Mateo County, and City of Palo Alto in Santa Clara County from 2 miles south of the Santa Clara County Line to 0.3 mile south of Grand Avenue Interchange.

### Description:
Construct 28.4 lane-miles of managed lanes, 22 miles of continuous managed lane in the northbound and southbound directions of U.S. 101 from Whipple Avenue Interchange to Just north of I-380, including signs, electrical and communication systems for the entire 44 lane-mile corridor.

### (Dollars in Thousands)

#### FUND

<table>
<thead>
<tr>
<th>Project Totals by Fiscal Year</th>
<th>Project Totals by Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prior</td>
<td>18/19</td>
</tr>
<tr>
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</tr>
</tbody>
</table>

#### RIP

- **Existing:** 33,500
  - 0 16,000 0 17,500 0 0 16,000 0 0 0 17,500
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 33,500
  - 0 16,000 0 17,500 0 0 16,000 0 0 0 17,500

#### State SB1 SCCP

- **Existing:** 200,000
  - 0 0 200,000 0 0 0 0 176,500 0 0 0 23,500
- **Change:** (54,810) 0 0 (54,810) 0 0 0 67,810 0 0 0 (7,000)
- **Proposed:** 125,190
  - 0 0 125,190 0 0 0 0 108,690 0 0 0 16,500

#### State SB1 LPP - Competitive

- **Existing:** 20,000
  - 0 0 20,000 0 0 0 0 20,000 0 0 0 0
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 20,000
  - 0 0 20,000 0 0 0 0 20,000 0 0 0 0

#### State SB1 LPP - Formulaic

- **Existing:** 2,027
  - 0 2,027 0 0 0 0 0 0 0 2,027 0 0
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 2,027
  - 0 2,027 0 0 0 0 0 0 0 2,027 0 0

#### Federal Disc.

- **Existing:** 9,500
  - 9,500 0 0 0 0 0 0 0 0 9,500 0 0
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 9,500
  - 9,500 0 0 0 0 0 0 0 0 9,500 0 0

#### Local Funds - Locally Generated Funds

- **Existing:** 53,000
  - 0 53,000 0 0 0 0 0 0 0 53,000 0 0
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 53,000
  - 0 53,000 0 0 0 0 0 0 0 53,000 0 0

#### Local Funds - Private Funds

- **Existing:** 53,000
  - 3,000 50,000 0 0 0 0 0 0 0 50,000 3,000 0
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 53,000
  - 3,000 50,000 0 0 0 0 0 0 0 50,000 3,000 0

#### Local Funds - Measure A Funds

- **Existing:** 30,755
  - 28,950 1,805 0 0 0 0 0 1,805 8,500 19,450 1,000 0
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 30,755
  - 28,950 1,805 0 0 0 0 0 1,805 8,500 19,450 1,000 0

#### Local Funds - Bridge Tolls - Regional Measure I

- **Existing:** 95,000
  - 0 95,000 0 0 0 0 0 0 95,000 0 0
- **Change:** 0 0 0 0 0 0 0 0 0 0 0 0
- **Proposed:** 95,000
  - 0 95,000 0 0 0 0 0 0 95,000 0 0

#### Total

- **Existing:** 514,782
  - 41,450 36,027 419,805 17,500 0 0 16,000 396,305 21,000 39,477 1,000 41,000
- **Change:** (74,810) 0 0 (74,810) 0 0 0 67,810 0 0 0 (7,000)
- **Proposed:** 439,972
  - 41,450 36,027 344,995 17,500 0 0 16,000 328,495 21,000 39,477 1,000 34,000

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“Provide a safe, sustainable, integrated and efficient transportation system to enhance California’s economy and livability”
NEW: US 101 Managed Lanes Project – Southern Segment – (PPNO 0658H)

<table>
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**Implementing Agency:** (by component)
- **PA&ED:** Caltrans
- **PS&E:** Caltrans
- **R/W:** Caltrans
- **CON:** Caltrans

**RTPA/CTC:** Metropolitan Transportation Commission

**Project Title:** US 101 Managed Lanes Project - Southern Segment

**Location:** In Palo Alto from 2 miles south of the Santa Clara Line to Whipple Avenue Interchange.

**Description:** Convert 15.6 line-miles of existing HOV lanes to express lanes.

### (Dollars in Thousands)

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<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Proposed</td>
<td>74,810</td>
<td>0</td>
<td>0</td>
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</table>

**Total**

| Existing      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0   | 0   | 0     | 0     | 0        | 0        |
| Change        | 74,810| 0     | 0     | 74,810| 0     | 0     | 0     | 0   | 67,810| 0     | 0     | 7,000    |
| Proposed      | 74,810| 0     | 0     | 74,810| 0     | 0     | 0     | 0   | 67,810| 0     | 0     | 7,000    |

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