

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: January 25, 2012

Reference No.: 2.1c.(1h)
Action Item

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Rachel Falsetti
Division Chief
Transportation Programming

Subject: **CMIA PROJECT AMENDMENT**
RESOLUTION CMIA-PA-1112-026, AMENDING RESOLUTION CMIA-PA-1011-20

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) amend the Corridor Mobility Improvement Account (CMIA) baseline agreements for the Adaptive Ramp Metering contract (PPNO 0062J) and the Active Traffic Management contract (PPNO 0062E) of the I-80 Integrated Corridor Mobility (ICM) Corridor project in Alameda and Contra Costa Counties.

ISSUE:

The Department and the Alameda County Transportation Commission (ACTC) propose to amend the CMIA baseline agreements for the Adaptive Ramp Metering contract (PPNO 0062J) and the Active Traffic Management contract (PPNO 0062E) of the I-80 ICM Corridor project to update the project delivery schedule.

BACKGROUND:

This project was adopted into the CMIA program in February 2007. At its January 2011 meeting, the Commission approved Resolution CMIA-PA-1011-020, which split the overall I-80 ICM project into five separate contracts:

- **PROJECT 1: I-80 ICM Software and System Integration project (PPNO 0062G)**

The I-80 ICM Software and Systems Integration project will code the necessary software, prepare the testing plans, install server, hardware and network hubs at various control centers, and conduct testing for the I-80 ICM Project. This project is being implemented by ACTC.

- **PROJECT 2: I-80 ICM Specialty Procurement project (PPNO 0062H)**

The I-80 ICM Specialty Materials Procurement project includes the purchase of specialty signs, including variable advisory speed signs, changeable message signs, dynamic message signs, and lane use signs. This project is being implemented by ACTC.

- PROJECT 3: I-80 ICM Transportation Operations System (TOS) project (PPNO 0062I)

The I-80 ICM Transportation Operations System project will complete the detection system along the I-80 Corridor and the highway advisory radio gaps in the corridor. This project will be implemented by ACTC.

- PROJECT 4: I-80 ICM Adaptive Ramp Metering project (PPNO 0062J)

The I-80 ICM Adaptive Ramp Metering System will install ramp metering and associated detection and communication systems along the I-80 corridor. This project is being implemented by the Department.

- PROJECT 5: I-80 ICM Active Traffic Management project (PPNO 0062E)

The I-80 ICM Active Traffic Management project will construct various systems management components, including dynamic message signs, closed circuit television cameras, variable advisory speed signs, and lane use signs. This project is being implemented by the Department.

Update Delivery Schedule for Project 4 and Project 5

The delivery of Project 4 - Adaptive Ramp Metering project (PPNO 0062J) and Project 5 - Active Traffic Management project (PPNO 0062E) has been delayed due to the reasons described below.

As part of the process to develop a Memorandum of Understanding (MOU) with each local entity to turn-on the ramp metering in their jurisdictions, a significant feedback on key design elements of the Adaptive Ramp Metering project was received from various stakeholders. This has resulted in additional time needed to complete the design package. The MOUs will be approved prior to requesting allocation of funds.

The scope of work for the the Active Traffic Management project includes constructing several large gantries that will span the freeway. Based upon comments received during the preparation of the environmental document, the locations of two of these gantries had to be shifted to alleviate various concerns expressed by the nearby residents. The re-design of these structures has resulted in a delay in completing the design phase.

The design packages for both projects have been submitted to the Office Engineer for review. All non-standard special provisions have already been approved.

The updated schedule for some key delivery milestones for Project 4 and Project 5 is tabulated on the next page.

| Project Milestone | Project 4 (PPNO 0062J) | | Project 5 (PPNO 0062E) | |
|---------------------|------------------------|-------------|------------------------|-------------|
| | Baseline | Proposed | Baseline | Proposed |
| End Right of Way | Aug 2011 | Nov 2011(A) | Aug 2011 | Oct 2011(A) |
| Ready-to-List (RTL) | Nov 2011 | Feb 2012 | Nov 2011 | Mar 2012 |
| Begin Construction | May 2012 | June 2012 | May 2012 | July 2012 |
| End Construction | Dec 2013 | Jan 2014 | Apr 2014 | June 2014 |
| Begin Closeout | Dec 2013 | Jan 2014 | Apr 2014 | June 2014 |
| End Closeout | June 2014 | July 2014 | Oct 2014 | Dec 2014 |

A=Actual date.

Both Project 1 and Project 3 have already been allocated funds by the Commission. The Project 3 is currently under construction. The delivery for Project 2 is on schedule as per the approved baseline.

The Metropolitan Transportation Commission and the Contra Costa Transportation Authority concur with these changes.

RESOLUTION CMIA-PA-1112-026

Be it Resolved, that the California Transportation Commission does hereby amend the Corridor Mobility Improvement Account baseline agreements for the Adaptive Ramp Metering contract (PPNO 0062J) and the Active Traffic Management contract (PPNO 0062E) of the I-80 ICM Corridor project in Alameda and Contra Costa Counties with the information described above.