
Administration and Projects Committee **STAFF REPORT**

Meeting Date: June 01, 2023

Subject	Innovate 680 (Project 8009) – Authorization to Approve the California Department of Transportation Innovation Team (CIT) Annual Workplan for Fiscal Year (FY) 2023-24
Summary of Issues	<p>Innovate 680 is a program of projects that promotes an integrated approach to redefine mobility, improve safety and efficiency, and address the increasing congestion on Interstate 680 (I-680) through seven (7) strategies that range from completing the managed lane system to deploying a suite of technologies. There are currently a total of six (6) projects in the program.</p> <p>In June 2021, the Authority entered into Cooperative Agreement No. 90.80.06 with the California Department of Transportation (Caltrans), which established the CIT and its roles, responsibilities, and organizational structure. The CIT is comprised of Caltrans District 4 managers committed to serving in strategic roles to provide streamlined and cooperative delivery of the Innovate 680 program of projects. The Annual Workplan for the CIT is developed and negotiated annually to accommodate the needs of the program as it progresses.</p>
Recommendations	Staff seeks authorization for the Chair to approve the CIT Annual Workplan for FY 2023-24, in an amount not-to-exceed \$105,380, and to allow the Executive Director or designee to make any non-substantive changes to the language.
Staff Contact	Stephanie Hu

Financial Implications	There are sufficient funds programmed under the I-680 Category in the 2022 Measure J Strategic Plan to support this request.
Options	The Authority Board could elect to not approve this request. However, this will have an effect on establishment of a collaborative decision-making structure for the program and could result in delays to delivery of the program of projects.
Attachments (See APC Packet dated 6/1/23)	<p>A. CIT Annual Workplan for FY 2023-24</p> <p>B. Cooperative Agreement No. 90.80.06</p>
Changes from Committee	<i>None</i>

Background

Innovate 680 is a program of projects that promotes an integrated approach to redefine mobility, improve safety and efficiency, and address the increasing congestion on I-680 through the following strategies:

- Cool Corridor “Hot Spots”
- Complete High Occupancy Vehicle/Express Lanes to Increase Bus Service Efficiency
- Innovative Operational Strategies
- Prepare the Corridor for the Future
- Provide First-Mile and Last-Mile Connections
- Enhance Transportation Demand Management Strategies

The program currently consists of the following six (6) projects:

- Northbound (NB) Express Lane Completion (NB ELC)
- Part-Time Transit Lanes/Transit Bus on Shoulder (PTTL/TBOS)
- Shared Mobility Hubs
- Advanced Technologies – Coordinated Adaptive Ramp Metering (CARM) and Coordinated Adaptive Traffic Signals
- Mobility-on-Demand/Mobility-as-a-Service

- Automated Driving Systems

In addition, Caltrans is sponsoring a Ramp Metering project on the I-680 corridor and the Authority is proposing CARM as part of the Advanced Technologies project. The Advanced Technologies team and Caltrans Ramp Metering project team continue to work together to identify opportunities to streamline the project delivery process.

In June 2021, the Authority entered into Cooperative Agreement No. 90.80.06 with Caltrans establishing the CIT to improve and streamline the process by which the Innovate 680 program of projects will be delivered. The agreement defines the organizational structure of the CIT, which is structured to deliver the program of projects in a collaborative approach with improved processes.

The CIT is comprised of Caltrans District 4 managers assigned to serve in strategic roles of Corridor Manager, Design Principal, Design Manager, Traffic Operations Manager, and System and Technology Manager, to provide support for the program of projects. Among other responsibilities, the CIT is committed to:

- Monitor and track project submittals, and review and facilitate obtaining Caltrans District 4 and headquarters approvals.
- Facilitate the implementation of new and innovative project delivery practices, processes, and directives consistently across the program of projects.
- Provide strategic guidance and technical advice to the program.
- Coordinate systems integration, implementation, validation, and activation activities.
- Facilitate the development and approval of operations and maintenance agreements for the Innovate 680 program.

The Annual Workplan for the CIT is developed and negotiated annually to accommodate the needs of the program as it progresses. The Annual Workplan includes the Scope-of-Work, CIT Caltrans District 4 staff assignments and their roles and responsibilities, and fee estimates to achieve the initiatives and goals of the program of projects for the fiscal year.

The main focus for the CIT in FY 2023-24, as noted in the Annual Workplan, will be to provide

coordination and efficient deliveries of the following:

- Project Approval and Environment Document and Plans, Specifications, and Estimates phases of the Advanced Technologies – CARM Segment 1 (NB I-680 between Alcosta Boulevard and State Route 24) project, and its integration with the Caltrans Ramp Metering project.
- Development of the Draft Environmental Document and coordination with Caltrans headquarters related to Vehicles Miles Traveled mitigation for the NB ELC project.
- Collaboration on testing and training of PTTL/TBOS at GoMentum Station.

Staff seeks authorization for the Chair to approve the CIT Annual Workplan for FY 2023-24, in an amount not-to-exceed \$105,380, and to allow the Executive Director or designee to make any non-substantive changes to the language.