

Metropolitan Transportation Commission Operations Committee

May 14, 2021

Agenda Item 4g

Master Cooperative Agreement- Funding between Metropolitan Transportation Commission and California Department of Transportation for Design Services for Interstate 880 (I-880) Fiber Communications Project (\$1,740,000)

Subject: Request for approval of a Master Cooperative Agreement with the California Department of Transportation for Design Services for I-880 Fiber Communications Project.

Background: MTC, in coordination with the California Department of Transportation (Caltrans), proposes fiber communications infrastructure improvements on the I-880 corridor. The project is along I-880 between Dixon Landing Road in Milpitas and US 101 in San Jose, and will install new fiber cable and conduit. The proposed project would also extend the existing fiber communications network along State Route 92 (SR 92) between I-880 and the San Mateo Bridge Toll Plaza, and along State Route 237 (SR 237) between I-880 and Zanker Road.

The proposed project helps the region progress toward the vision established by the Bay Area Regional Broadband Communications Strategic Investment Plan (2019) (Link following <https://mtc.ca.gov/sites/default/files/Regional%20Broadband%20Communications%20-%20Final%20Strategic%20Investment%20Plan.pdf>), presented to this Committee in October 2019, through the development of a robust and reliable regional communication network that will enable data and information sharing and facilitate the implementation of technology based congestion management strategies. As an important corridor serving three bridges, I-880 was identified as a priority to help build connectivity around the bay; additionally, the project builds on the fiber installation work of the I-880 Express Lanes project. This project will facilitate direct connections between Santa Clara Valley Transportation Authority headquarters in San Jose and the Caltrans District 4 Transportation Management Center, and provide reliable high-speed network access to closed-circuit television cameras on the I-880 and SR 237 corridors. This project will also provide significant infrastructure to support future expansion of the regional communications network to transportation assets such as the San Mateo Bridge, and US 101 and SR 237 Express Lanes.

There is an opportunity to achieve significant project efficiencies by coupling this project with a separate, larger fiber project that Caltrans is delivering, thereby eliminating the need for separate preliminary engineering evaluations and documentation. Additionally, timing is such that inclusion of the proposed project into the larger Caltrans project is aligned well as Caltrans has just begun some of their early project documentation efforts. Caltrans District 4 staff has consulted with their management, as well as Headquarters, and agrees there are significant project efficiencies and synergies to be gained by combining the projects.

Staff requests approval to enter into a Master Cooperative Agreement with Caltrans for the design phase of the project (i.e., project approval/environmental document, and Plans, Specifications, and Estimates), in an amount not to exceed \$1,740,000. In two years, staff will return to the Committee to request an amendment to the Master Cooperative Agreement for construction, for which MTC has secured \$7,500,000 in Federal funding.

Issues: None identified.

Recommendation: Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a Master Cooperative Agreement with Caltrans, in an amount not to exceed \$1,740,000, to complete the design phase of the I-880 Fiber Communications project.

Attachments: None.


Therese W. McMillan

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Cooperative Agreement

Work Item No.:	1223
Work Project Title:	Master Cooperative Agreement for Design Services for the I-880 Fiber Communications Project
Purpose of Project:	Support development of a robust and reliable regional communication network that will enable data and information sharing and facilitate the implementation of technology-based congestion management strategies.
Brief Scope of Work:	Complete the design phase for the project.
Project Cost Not to Exceed:	\$1,740,000
Funding Source:	Surface Transportation Program (STP)
Fiscal Impact:	Funding is included in the MTC FY 2020-2021 Budget
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a Master Cooperative Agreement with Caltrans to complete the design phase for the I-880 Fiber Communications Project described above and in the Operations Committee Summary Sheet dated May 14, 2021 and that the Chief Financial Officer is authorized to set aside \$1,740,000 for such Master Cooperative Agreement.
Operations Committee:	<hr/> Carol Dutra-Vernaci, Chair
Approved:	May 14, 2021