



City Council Report

915 I Street, 1st Floor
Sacramento, CA 95814

www.cityofsacramento.org

File #: 2016-01244

Consent Item 12

Title: Capital Improvement Project: Federal Downtown Controller and Communications (T15175000)

Recommendation: Pass a Resolution 1) establishing the Federal Downtown Controller and Communications Project (T15175000); 2) appropriating \$147,845 (Fund 3703) to the Federal Downtown Controller and Communications Project (T15175000); and 3) transferring \$78,000 (Fund 2001) from the Major Streets Improvement Program (T15168000) to the Federal Downtown Controller and Communications Project (T15175000).

Location: Downtown area bounded by Alhambra Boulevard, Interstate 5, C Street, and Broadway; District 4.

Contact: Cecilyn Foote, Associate Civil Engineer (916) 808-6843; Nicholas Theocharides, Engineering Services Manager (916) 808-5065, Department of Public Works

Presenter: None

Department: Public Works

Attachments:

- 1-Description Analysis
- 2-Resolution

Description/Analysis

Issue Detail: In June 2015, City staff submitted a grant application to the Sacramento Area Council of Governments (SACOG) for a project to upgrade the signal controllers and communications systems in the downtown Sacramento area. The City was awarded \$147,845 of Regional Surface Transportation Program (RSTP) funds toward environmental documentation and preliminary engineering. The funds must be appropriated and a new Capital Improvement Project (CIP) must be established in order to begin work on the project. Local funds to cover the federally non-participating expenses and the local match also need to be transferred from the Major Streets Improvement Program (T15168000).

The purpose of the project is to modernize the City's signal controllers and communications by replacing existing obsolete end of life signal controllers and upgrading outdated serial communications systems with modern internet protocol (IP) fiber cable based systems. Additionally, the project would install new fiber cables in existing conduits, install fiber switches, and replace some cabinets and closed-circuit television (CCTVs).

These upgrades will enable support of transit signal priority and adaptive signal coordination, functions not allowed with the current signal controllers. The project enables these and other technologies that numerous "before and after" case studies have shown to reduce travel time, delay, fuel consumption, and pollutant emissions.

Policy Considerations: The action requested herein is consistent with the City of Sacramento General Plan goals of promoting safety and enhancing livability and sustainability.

Economic Impacts: None

Environmental Considerations:

California Environmental Quality Act (CEQA): The establishment of a CIP, appropriation and transfer of funds are not subject to the provisions of the CEQA. Under CEQA general rule 15061(B)(3), CEQA applies only to projects which have the potential for causing a significant effect on the environment. These actions will have no effect on the environment, thus are not subject to CEQA. Appropriate CEQA and National Environmental Policy Act (NEPA) review will take place as part of project development.

Sustainability: This project is consistent with the City's Sustainability Master Plan goals to improve and optimize the City's transportation infrastructure.

Commission/Committee Action: None.

Rationale for Recommendation: The establishment of a CIP project and the appropriation and transfer of funds are necessary to deliver this project.

Financial Considerations: The estimated cost to complete preliminary engineering for the Federal Downtown Controller and Communications Project (T15175000) is \$225,845. The budget will consist of \$147,845 (Fund 3703) in federal funds and \$78,000 (Fund 2001) from the Major Streets Improvement Program (T15168000), which will cover the local match and the non-participating expenses. Federal authorization of the funds was received on August 31, 2016.

As of September 29, 2016, the Major Streets Improvement Program (T15168000) has an unobligated balance of \$4,787,667, which is sufficient to complete the transfer of \$78,000 (Fund 2001) to the Federal Downtown Controller and Communications Project (T15175000).

There are no General Funds planned or allocated for these projects.

Local Business Enterprise (LBE): No goods or services are being procured with these actions. This is a federally-funded project, and any future procurement will be subject to Disadvantaged Business Enterprise (DBE) requirements and LBE program will be held in abeyance.

RESOLUTION NO.

Adopted by the Sacramento City Council

FEDERAL DOWNTOWN CONTROLLER AND COMMUNICATIONS (T15175000) – ESTABLISH CAPITAL IMPROVEMENT PROJECT AND APPROPRIATE AND TRANSFER FUNDS

BACKGROUND

- A. In the 2015, Sacramento Area Council of Governments call for projects, the Federal Downtown Controller and Communications Project (T15175000) was awarded \$147,845 in Regional Surface Transportation Program funds for the completion of preliminary engineering.
- B. The proposed project will improve and optimize the City's transportation infrastructure by modernizing the City's signal controllers and communications. Existing obsolete end of life signal controllers will be replaced and outdated serial communications systems will be upgraded with modern internet protocol (IP) fiber cable based systems. The project will also install new fiber cables in existing conduits, install fiber switches, and replace some cabinets and closed-circuit television (CCTVs). These upgrades will enable support of transit signal priority and adaptive signal coordination, functions not allowed with the current signal controllers.
- C. In order to begin preliminary engineering, this project needs to be established as a Capital Improvement Project, the federal funds will need to be appropriated when authorized, and the local funds must be transferred to cover local match and ineligible expenses.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The Federal Downtown Controller and Communications Project (T15175000) is established as a new Capital Improvement Project.

Section 2. The 2016/17 Capital Improvement Program budget is amended by appropriating \$147,845 (Fund 3703) to the Federal Downtown Controller and Communications Project (T15175000).

Section 3. The 2016/17 Capital Improvement Program budget is amended by transferring \$78,000 (Fund 2001) from the Major Streets Improvement Program (T15168000) to the Federal Downtown Controller and Communications Project (T15175000).