



CITY COUNCIL AGENDA STATEMENT



December 1, 2020

File ID: 20-0451

TITLE

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA AMENDING THE FY 2020/2021 CIP PROGRAM BUDGET BY APPROPRIATING \$50,000 FROM THE AVAILABLE BALANCE OF THE TDIF FUND TO TRF0389, "TRAFFIC SIGNAL IMPROVEMENTS ALONG EAST H STREET, OTAY LAKES ROAD AND TELEGRAPH CANYON ROAD"; APPROPRIATING \$120,000 FROM THE AVAILABLE BALANCE OF THE TRAFFIC SIGNAL FUND TO TRF0402, "TRAFFIC SIGNAL MODIFICATIONS AT BROADWAY & F STREET AND BROADWAY & G STREET"; AND TRANSFERRING \$115,000 IN TRANSNET APPROPRIATIONS FROM STM0369, "BIKEWAY FACILITIES GAP PROJECT", TO STM0384, "BIKE LANE IMPROVEMENTS ON BROADWAY - PHASE I" (4/5 VOTE REQUIRED)

RECOMMENDED ACTION

Council adopt the resolution.

SUMMARY

On May 15, 2018, the City Council awarded a construction contract to Select Electric, Inc for the Traffic Signal Improvements Along East H Street, Otay Lakes Road and Telegraph Canyon Road (CIP No. TRF0389). Additional intersections were added to the contract resulting in additional construction time and staff cost increases to the project which have exceeded the project contingencies. Adoption of the resolution will appropriate \$50,000 from the Transportation Development Impact Fee (TDIF) Fund to TRF0389.

On September 11, 2018, the City Council awarded a construction contract to Select Electric, Inc. for the Traffic Signal Modifications at Broadway and F Street and Broadway and G Street (CIP No. TRF0402). Delays during construction due to longer than anticipated fabrication of the traffic signal equipment resulted in staff cost increases to the project which have exceeded the project contingencies. Adoption of the resolution will appropriate \$120,000 from the Traffic Signal Fund to TRF0402.

On February 26, 2019, the City Council awarded a construction contract to Tri-Group Construction and Development, Inc. for the Bike Lane Improvements on Broadway - Phase 1 and Class Two Bike Lanes on Broadway (CIP Nos. STM0384/STM0392). Due to significant utility conflicts, the project's fiber optic system was relocated and redesigned, resulting in delays during construction and staff cost increases to the project which have exceeded the project contingencies. Adoption of the resolution will transfer \$115,000 in TransNet from STM0369 to STM0384.

ENVIRONMENTAL REVIEW

The Development Services Director has reviewed the proposed project for compliance with the California Environmental Quality Act (CEQA) and has determined that the project qualifies for a Categorical Exemption pursuant to State CEQA Guidelines Section 15301 Class 1 (Existing Facilities) and Section 15304 Class 4 (Minor Alterations to Land) because the proposed project would not result in a significant effect on the environment, create a cumulative impact, damage a scenic highway, or cause a substantial adverse change in the significance of a historical resource. Thus, no further environmental review is required.

DISCUSSION

Traffic Signal Improvements Along East H Street, Otay Lakes Road and Telegraph Canyon Road (CIP No. TRF0389)

This project installed and expanded the City's adaptive traffic control system to enhance safety, reduce traffic delays, and improve traffic flow on portions of the City's major street corridors including East H Street, Otay Lakes Road, and Telegraph Canyon Road. Improvements included installing new traffic controller cabinets, high definition traffic monitoring cameras, ethernet communications, signal communication between intersections, and vehicle detection system upgrades. During construction, signal communication and vehicle detection systems were installed at three additional intersections including East H Street and Tierra del Rey, Paseo Ranchero and East J Street, and Telegraph Canyon Road and Crest Drive to improve the adaptive traffic control system's functionality and accuracy. Due to other commitments, the Contractor was delayed installing the improvements at the three additional intersections, resulting in project staff cost increases of approximately \$50,000, exceeding the project budget and resulting in the need for additional project funds.

To cover the additional project costs, Staff recommends Council adopt the resolution to approve an appropriation of \$50,000 from the TDIF Fund to TRF0389 to cover the additional project costs.

Traffic Signal Modifications at Broadway and F Street and Broadway and G Street (CIP No. TRF0402)

This project replaced two existing traffic signals at the intersections of Broadway and F Street and Broadway and G Street; and modified the operation of the signals at each intersection to improve the safety of motorists, bicyclists, and pedestrians. The upgrades included control of the left-turn movements of vehicles to prevent conflicts between cars making left turns and oncoming vehicles and pedestrians. The project also installed a bicycle detection system, and pedestrian improvements including countdown timing indicators, Americans with Disabilities Act (ADA) compliant curb ramps, and ADA accessible pedestrian push buttons.

These improvements use a traffic controller cabinet to control the traffic signals based on information received from the vehicle, bicycle and pedestrian detection systems. Significant delays were encountered during the fabrication of the traffic controller cabinets and the associated pedestrian push button adaptors, resulting in delays to the project's completion. Project delays resulted in City staff cost increases of approximately \$120,000, exceeding the project budget and resulting in the need for additional project funds.

To cover the additional project costs, Staff recommends Council adopt the resolution to approve an appropriation of \$120,000 from the Traffic Signal Fund to TRF0402 to cover the additional project costs.

Bike Lane Improvements on Broadway – Phase 1 and Class Two Bike Lanes on Broadway (CIP Nos. STM0384/STM0392)

This project will install approximately four miles of bike lanes along Broadway between Main Street and C Street, provide a slurry seal pavement treatment and new pavement striping, and construct Smart City traffic elements including a bicycle detection system using cameras and a fiber optic communication system. The fiber optic system will interconnect the 17 traffic signals along the Broadway corridor, allowing the removal of 12 leased phone lines from the City’s recurring costs, and expand the City’s fiber network, in support of the City’s Smart City objectives.

The project piloted the installation of the fiber optic system using a smaller than normal trench, referred to as a microtrench. Due to significant utility conflicts, the fiber optic microtrench was relocated from the west side of Broadway to the east side, resulting in a redesign of the system and causing significant project delays. The microtrench installation is currently underway, but the relocation and redesign resulted in delays to construction and staff cost increases of approximately \$115,000, exceeding the project budget and resulting in the need for additional project funds.

To cover the additional costs, Staff recommends Council adopt the resolution to approve a transfer of \$115,000 in TransNet from STM0369, Bikeway Facilities Gap Project, to STM0384 to cover the additional project costs.

DECISION-MAKER CONFLICT

Staff has reviewed the property holdings of the City Council members and has found that Councilmember McCann has property holdings within 1,000 feet of the boundaries of the property which is the subject of this action. However, the decision solely concerns repairs, replacement or maintenance of existing streets, water, sewer, storm drainage or similar facilities, and the member’s property will not be affected disproportionately to other properties receiving the same services. Consequently, pursuant to California Code of Regulations Title 2, sections 18700 and 18702.2(d)(1), this item does not present a real property-related conflict of interest under the Political Reform Act (Cal. Gov’t Code § 87100, et seq.).

Staff is not independently aware and has not been informed by any City Council member of any other fact that may constitute a basis for a decision maker conflict of interest in this matter.

CURRENT-YEAR FISCAL IMPACT

Approval of the resolution will appropriate \$50,000 in TDIF to TRF0389; appropriate \$120,000 in Traffic Signal funds to TRF0402; and transfer \$115,000 in TransNet from STM0369 to STM0384. Sufficient funds are available for said appropriations; therefore, there is no additional impact to the TDIF, Traffic Signal, and TransNet Funds.

ONGOING FISCAL IMPACT

The improvements for the projects will require routine maintenance.

ATTACHMENTS

Resolution.

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