



DATE: June 24, 2020

AGENDA ITEM #4

TO: Complete Streets Commission
FROM: Jaime O. Rodriguez, Interim Staff Liaison
SUBJECT: CIP – Transportation Project Updates

RECOMMENDATION:

Receive report on status of Capital Improvement Program (CIP) - Transportation Projects

INTRODUCTION

The Transportation Program portion of the CIP includes several priority areas:

- Pavement Management
- Traffic Calming
- Safety Improvements
- Complete Streets

Staff presented its second quarterly update on the CIP – Transportation Projects in January 2020 and committed to providing quarterly updates on projects. This report serves as the 2020 Q2 update to the Complete Streets Commission.

BACKGROUND

City Council and staff is currently in process to plan and finalize the CIP budget in response to the fiscal impacts of COVID-19. CIP budget revision is expected to remove certain scope of the project to reduce cost or to be deferred for later year. Items on this report is subject to change after City Council meeting on June 23rd, 2020.

DISCUSSION

This update focused on the CIP – Transportation Projects.

Highlights on select projects from the report are provided below.

- Foothill Expressway Improvement (TS-01018), \$0

The City funded the design phase of this project in 2015 in the amount of \$512,000 in efforts to help the project complete for 2016 Measure B Half Cent Sales Tax funding for construction. The project is currently under construction and estimated to complete by November 2020.

- Collector Street Traffic Calming
(TS-01022), \$600,000

This program CIP is funding the construction phase of the Cuesta Drive-Arboleda Drive Traffic Calming project. The design was completed and advertised for bidding in June 2020. City staff is currently considering reduction of project scope as a result of COVID-19 fiscal impacts.

- Annual Street Resurfacing
(TS-01001) \$1,650,000

This year's project includes Asphalt overlay on Almond Avenue and Covington Road scheduled to compete early June. With the result of the latest pavement report, staff is recommending \$1.5M increase to the combined budget of Annual Street Resurfacing and Slurry Seal Project.

- Annual Street Slurry Seal
(TS-01004) \$250,000

This year's project includes 22 streets on various streets in Los Altos. Project is scheduled to start and complete construction in June.

- El Monte Avenue & Springer Road Intersection Improvements
(TS-01030),

This project is now unfunded.

- San Antonio Road & W Portola Avenue Improvements
(TS-01037), \$125,000

Project to be re-scoped and re-advertised to reduce cost.

- El Monte Avenue Sidewalk Gap Closure
(TS-01038)

The design phase of this project is currently on hold.

- Fremont Avenue & Truman Avenue Intersection Improvements
(TS-01040), \$10,000

This project will provide pedestrian-activated flashing beacons at the existing crosswalk that crosses Fremont Avenue at the intersection. The City has completed an in-house design of the improvements. Final design is anticipated in the Summer 2020 for construction by Fall 2020.

- Los Altos Avenue & Santa Rita School Crossing Improvements
(TS-01041), \$10,000

This project is being rescope from its original concept of pedestrian-activated flashing beacons to sign improvements. This is in response to prior community input regarding the use of flashing sign elements at the intersection of Los Altos Avenue & W. Portola Avenue. The City has completed an in-house design of the focused improvements and will implement the project in the Fall 2020 using City forces.

- Downtown Traffic Signal Control Upgrades (TS-01050), \$306,237

The City rescope this project last Spring due to budget constraints. The original project envisioned a fiber optic cable network along El Monte Avenue from Summerhill Road to Foothill Expressway to allow the City and County of Santa Clara to deploy an adaptive traffic signal control system between San Antonio Road & Cuesta Drive-1st Street to El Monte Avenue & Summerhill Road including the Foothill Expressway corridor. The fiber optic cable construction exceeded the available grant funding for the project.

The City worked with the Valley Transportation Authority (VTA) to rescope the project to include:

- Wireless Communications Equipment along El Monte Avenue
Purchased by the City of Los Altos for installation by the County of Santa Clara. Installation is scheduled for the current quarter.
- Synchrogreen Adaptive Control Equipment and Software
The City purchased traffic adaptive control software for the County of Santa Clara. The system will be activated following completion of the wireless communication equipment along El Monte Avenue.
- Citywide Cellular Backbone Network
The City is deploying a Smart City Signals cellular network that introduces the City with traffic signal monitoring capabilities not previously available to the City. Deployment is 50% complete. The remaining equipment will be installed at traffic signals owned by the City of Los Altos but maintained by the County of Santa Clara. Installation is pending this quarter. The system will also offer the City the ability to introduce citywide app-based detection for bicyclists and pedestrians and traffic signal status data sharing for connected-autonomous vehicles.
- Citywide Traffic Signal Controller Upgrades
The City is replacing the aged traffic signal controllers (25+ years old) in the City. Installation is 50% complete and scheduled for completion this month.
- Citywide Traffic Signal Timing Upgrades
As part of the deployment of new traffic signal controllers the City is also proactively implementing new traffic signal timing citywide. For example, along San Antonio Road, pedestrians are now released 2-seconds prior to vehicle traffic to allow pedestrians an opportunity to enter the intersection prior to vehicle traffic. The City is also evaluating and modifying existing Walk and Flashing Don't Walk times to comply with national and state standards for both pedestrians and bicyclists.

- Diamond Court Reconstruction
(TS-01059) \$100,000
City to collect fund of \$100,000 from the residents who lives on the before construction.
- Carmel Terrace Sidewalk Gap Closure
(TS-01050), \$0
This project is now unfunded.
- University Avenue & Milverton Road Sidewalk Gap Closure
(TS-01051), \$0
This project is now unfunded.
- Annual Bicycle/Pedestrian Access Improvements
(TS-01052), \$165,000
This project is being used to fund various projects, including the new Complete Streets Master Plan. Upon completion of that study the City will initiate improvement using funds from this project.
- Fremont Avenue Pedestrian Bridge Rehabilitation
(TS-01055), \$250,000
This project is deferred until Fiscal Year 2020-21.
- Fremont Avenue Pavement Rehabilitation
(TS-01056), \$2,086,000 (FY2020/21)
This project includes pavement rehabilitation and the deployment of Complete Streets Treatments on Fremont Avenue between Grant Road and the Stevens Creek Bridge. Project design is scheduled for completion in the Fall 2020 with construction in Fiscal Year 2020-21.
- In-Road Light System Maintenance
(TS-01057), \$75,000
Eight of the City's existing in-pavement crosswalk systems along San Antonio Road and Almond Avenue are in a state of disrepair. The City is completing an in-house design to replace the crosswalk systems. Design completion is scheduled for Summer 2020 with construction scheduled over the Fall.
- Intersection Access Barrier Removal
(TS-01058), \$0
This project is currently unfunded. The project is contingent upon the award of Community Development Block Grants (CDBG) funding that is currently unavailable and coming to terms with San Francisco Public Utilities Commission over a complicated

encroachment permit agreement they are requiring to implement the improvements in their Hetch Hetchy pipeline right of way.

In addition to the above CIP Projects, the City has the following active projects and programs:

- Complete Streets Master Plan

The Complete Streets Master Plan was awarded by City Council on May 12, 2020. This project will consume a significant amount of staff and Complete Streets Commission time during 2020. Upon award of the project to Alta Planning + Design the project will include five project elements:

- Community Outreach
- Bicycle Transportation Plan Update
- Safe Routes to School Assessment with Walking Audits
- Transit Study
- Concept Plan Line Drawings for “Hot Spot” Corridors and Intersections

The City has already completed Concept Plan Line drawings for 9 corridors in the City. This project will be underway as soon as contract is executed between City and Consultant.

- Citywide Traffic Model

The City completed traffic data collection across the City at approximately 79 locations. The data will be used to help build a new citywide traffic model that will help track cumulative traffic growth and generate Level of Service (LOS) estimates. The traffic data collection will also advise the Complete Streets Master Plan development as count sites were selected in alignment with the elements of that project.

The City will return to the Complete Streets Commission in September for another update on transportation projects.

Attachment(s):

- **Attachment 1 - Proposed Transportation CIP budget changes (subject to change after City Council meeting of 6/23/20)**