



Legislation Details (With Text)

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Title: Motion to accept the construction improvements of the Caltrain Access & Bay Trail Gap Closure Project (st2003) as complete. (Jeffrey Chou, Senior Civil Engineer)

Sponsors:

Indexes:

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Attachments: 1. Attachment 1 - Project Location Map, 2. Attachment 2 - Construction Photos

Table with 5 columns: Date, Ver., Action By, Action, Result. Row 1: 4/12/2023, 1, City Council, approved, Pass

Motion to accept the construction improvements of the Caltrain Access & Bay Trail Gap Closure Project (st2003) as complete. (Jeffrey Chou, Senior Civil Engineer)

RECOMMENDATION

It is recommended that the City Council, by motion, accept the construction improvements of the Caltrain Access & Bay Trail Gap Closure Project (st2003) in accordance with plans and specifications (Total Construction Cost \$882,983.77).

BACKGROUND/DISCUSSION

On March 9, 2022, the City Council of South San Francisco awarded the Caltrain Access & Bay Trail Gap Closure Project (st2003) to McGuire and Hester to construct pedestrian and bicycle improvements along East Grand Avenue to connect the East Plaza of the new South San Francisco Caltrain station to the areas of East Grand Avenue & Gateway Boulevard and East Grand Avenue & Forbes Boulevard/Harbor Way.

The Engineering Division inspected the work and found the project to be complete in accordance with the contract documents as of March 3, 2023. Project location map and construction photos are included as Attachments 1 and 2, respectively.

FISCAL IMPACT

The project is funded in the City of South San Francisco's fiscal year 2021-22 Capital Improvement Program (Project No. st2003) with sufficient funds allocated to cover the Total Construction Budget.

The total construction cost incurred for the project is summarized as follows:

Table with 3 columns: Item, Projected, Actual. Rows: Construction Contract, Construction Contingency (actual ~56%), Total Project Construction Budget

Construction contingency exceeded the projected amount due to numerous unforeseen existing site conditions

of large rocks, water intrusion, and unstable soil conditions as the Contractor was drilling the traffic signal foundation. The traffic signal foundation was redesigned with a deeper foundation and a steel casing to resolve these unforeseen field issues. The redesign required additional time and costs for professional geotechnical analysis to determine the existing soil parameters and specialty subcontractors to install the foundation.

Other items outside the scope of work such as upgraded bike lane delineators, upgraded traffic signal materials and pull boxes, relocation of irrigation controller, etc. also contributed to the costs of the construction contingency.

The Project includes \$400,000 of Transportation Development Act (TDA) grant funds with the remaining funding coming from the East of 101 Traffic Impact Fees funding source. Any remaining local funds available after the close of the project will be reallocated to other CIP projects.

RELATIONSHIP TO STRATEGIC PLAN

Approval of this action will contribute to the City's Strategic Plan outcome of improved Quality of Life by maintaining and improving infrastructure to serve the public.

CONCLUSION

Staff recommend acceptance of the project as complete. Upon acceptance, a Notice of Completion will be filed with the County of San Mateo Recorder's office. At the end of the thirty-day lien period, the retention funds will be released to the contractor after the City receives a one-year warranty bond.

Attachments:

1. Project Location Map
2. Construction Photos