



## Legislation Text

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**File #: 18-75, Version: 1**

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Report regarding a motion to accept the construction improvements of Junipero Serra & King Drive Intersection Improvements Project as complete in accordance with plans and specifications, with a total construction cost of \$717,186. (*Sam Bautista, Principal Engineer*)

### **RECOMMENDATION**

**It is recommended that the City Council, by motion accept the construction improvements of the Junipero Serra & King Drive Intersection Improvements Project (CIP Project No. tr1501) as complete in accordance with plans and specifications (total construction cost \$717,184).**

### **BACKGROUND/DISCUSSION**

With the support of an \$849,000 Federal Highway Safety Improvement Program (HSIP) grant, the City awarded a construction contract to Interstate Grading & Paving, Inc. to construct a number of vehicle, bicycle, and pedestrian safety improvements for the Junipero Serra & King Drive Intersection Improvements Project.

To increase vehicle safety, existing medians and right-turn islands were reconstructed to improve intersection geometry. The traffic signals that served each direction were replaced with single, highly visible cantilevered mast arm signals and traffic signal phasing was upgraded to provide protected left-turn phasing for King Drive. Northbound and southbound solar-powered speed feedback signs were installed. The in-pavement vehicle detection loops were replaced with video cameras to better detect motorcycles queuing at turn lanes.

For bicycle safety, the Class II bike lanes were “skip” painted with highly visible green markings across the King Drive intersection to indicate a vehicle/bicycle intersection. For improved pedestrian access and safety, Americans with Disabilities Act (ADA) sidewalk curb ramps and median pathways were installed and pedestrian signal heads with both audible and visible countdown timers were added. The Contractor’s work has been inspected and completed in accordance with the project plans and specifications.

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

|  | <b>Projected</b> | <b>Actual</b>    |
|--|------------------|------------------|
| Interstate Grading & Paving, Inc. Contract | \$699,960        | \$699,960        |
| Construction Contingency                   | <u>\$69,996</u>  | <u>\$17,226</u>  |
| <b>Total Construction Budget</b>           | <b>\$769,956</b> | <b>\$717,186</b> |

Contingency was used to address unforeseen conditions including completing additional pavement grinding and replacement around the medians to improve drainage; replacing deteriorated existing conduits that could not be reused to carry power across intersection; and adding solar power to operate speed feedback signs because

existing conduits could not be reused to supply power.

#### FUNDING

Funding for this project was included in the City of South San Francisco 2017-2018 Capital Improvement Program. The project was delivered on time and under budget.

#### CONCLUSION

Staff recommends 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 one year warranty bond.