



DATE: March 15, 2016

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Shoreline Boulevard Interim Bus Lane and Utility Improvements, Project 16-58 – Authorize Professional Services Agreement**

RECOMMENDATION

Authorize the City Manager to execute a professional services agreement with Mark Thomas & Company of San Jose to provide civil engineering services for the Shoreline Boulevard Interim Bus Lane and Utility Improvements, Project 16-58, in a not-to-exceed amount of \$347,188.

BACKGROUND

In November 2014, City Council approved the “Shoreline Boulevard Transportation Corridor Study” (Corridor Study) which determined the feasibility of, and developed a conceptual design for, integrated transit, bicycle, and pedestrian facilities in the Shoreline Boulevard Corridor from the Downtown Transit Center to North Bayshore. The Corridor Study provided a phasing program for the transportation improvements to achieve the North Bayshore commute mode-share goals.

One of the near-term improvements identified in the Corridor Study is the initial phase of the reversible bus lane in the center of Shoreline Boulevard from Middlefield Road to Plymouth Street/Space Park Way. The single bus lane would operate northbound in the mornings and southbound in the afternoon on weekdays (see Figure 1 – Location Map).

The project includes replacing the existing median/two-way left-turn lane with a dedicated bus lane, transit priority signalization, the closure of Route 85 on-ramp from northbound Shoreline Boulevard, and improvements at intersections for bicycle/pedestrian safety. The project will also upsize approximately 1,600’ of water and sewer mains from Middlefield Road to the southbound Highway 101 on-ramp due to the age of the existing infrastructure and in anticipation of increased demand from North Bayshore development. The utility work is included to avoid disruption to the bus lane

once constructed. Additional utility work north of Highway 101 will be included with other projects.

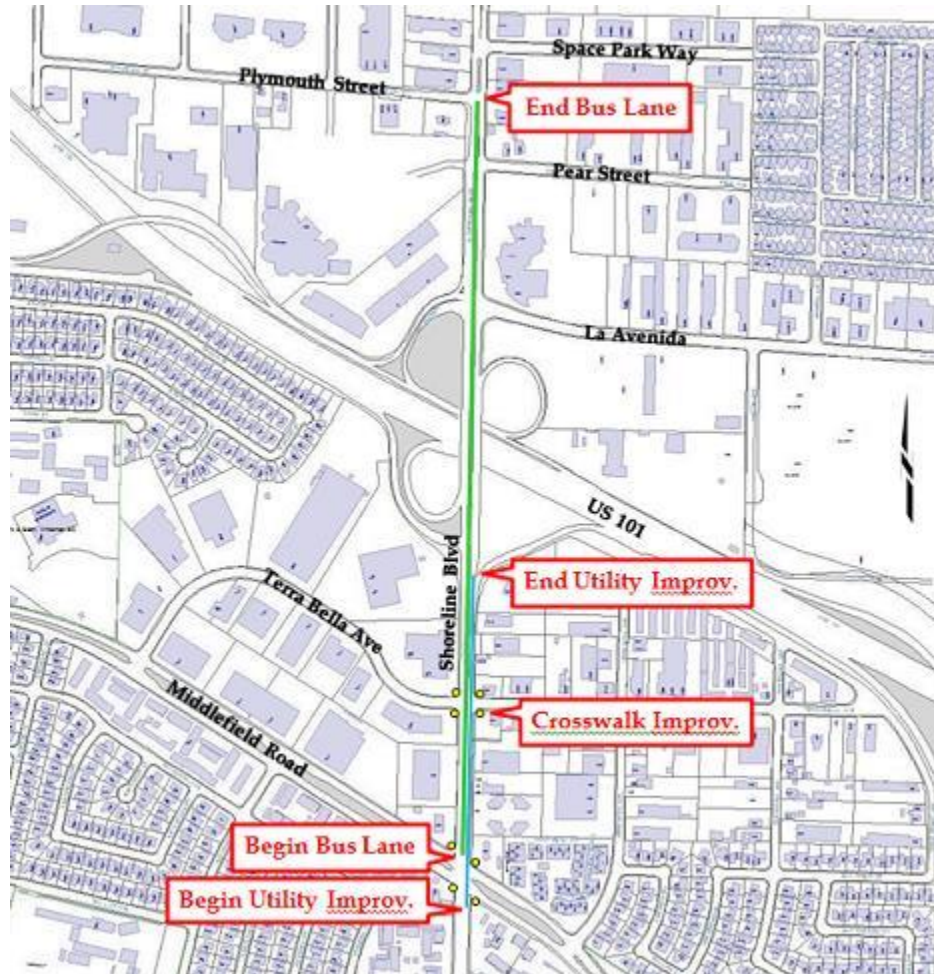


Figure 1 – Location Map

ANALYSIS

In December 2015, a Request for Proposals was issued and four firms submitted proposals. Based on their qualifications, two firms were interviewed. Mark Thomas & Company (Mark Thomas) of San Jose was selected based on their experience involving permitting/coordination with Caltrans, past projects of similar nature, and a clear understanding and approach to the project.

The recommended scope of work includes preliminary design work up to and including Conceptual Design (approximately 35 percent complete design). Staff recommends phasing the design, as there are a number of variables that will affect the

cost of final design and construction, including lane widths, turn pockets, right-of-way impacts, platform locations, impacts to Caltrans facilities, signal design and layout, and pedestrian/bicycle facilities. The recommended scope of work includes (see Attachment 1 for Scope of Work):

Preliminary investigation and data collection;

Base mapping;

Geometric design refinement and development of alternatives;

Preparation of 35 percent plans and specifications;

Cost estimating;

Caltrans review documents; and

Environmental analysis to comply with the California Environmental Quality Act (CEQA).

The recommended scope includes design of the bus lane along the frontage of the proposed LinkedIn development between Highway 101 and Space Park Way. LinkedIn has proposed constructing the proposed improvements on Shoreline Boulevard in this area, including the interim bus lane. Staff recommends including preliminary design of these improvements in the recommended scope of work. Having some progress made on preliminary design when LinkedIn begins submitting on-site and off-site plans for the proposed development will significantly aid coordination between the improvements to be completed by the City and those to be completed by LinkedIn.

With City Council's approval of this contract, Mark Thomas could begin the project in April 2016. The 35 percent design is scheduled to be completed by fall 2016 with final design scheduled to be completed by summer 2017. Construction is tentatively scheduled to start in fall 2017.

FISCAL IMPACT

The recommended not-to-exceed contract amount of \$347,188 includes \$302,188 for basic services and a contingency in the amount of \$45,000 for unforeseen items. The recommended fees are within the range typically charged for such services, and staff considers the fees to be fair and reasonable. Once the City selects a final concept to proceed with the bus lane project, staff will return to Council with an amendment to the

Mark Thomas agreement to complete the design work and prepare plans and specifications for bidding.

Shoreline Boulevard Interim Bus Lane and Utility Improvements, Project 16-58, is funded with \$2,363,000 from the Shoreline Community Fund, \$444,000 from the Water Fund, and \$148,000 from the Wastewater Fund for a total funding of \$2,955,000. The project budget is adequate to fund the recommended agreement. Construction cost will be funded separately via proposed Project 17-42.

ALTERNATIVES

1. Do not approve the recommended contract and direct staff to reevaluate the other three firms' proposals or issue a general Request for Proposals to other engineering firms.
2. Do not proceed with the project at this time.
3. Provide other direction.

PUBLIC NOTICING – Agenda posting.

Prepared by:

Andy Chang
Senior Civil Engineer

Reviewed by:

Lisa Au
Principal Civil Engineer

Approved by:

Michael A. Fuller
Public Works Director

Daniel H. Rich
City Manager

AC-LA/7/CAM
913-03-15-16CR-E

Attachment: 1. Mark Thomas & Company – Design Services Proposal and Fee Schedule

cc: PCE – Au, CTE, USM, SCE – Muench, SCE – Chang, AAI – Grimm, F/c