



**DATE:** April 30, 2019

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Stierlin Road Bicycle and Pedestrian Improvements, Project 17-41 – Professional Services Agreement**

### **RECOMMENDATION**

1. Transfer and appropriate \$94,700 from the Shoreline Community Fund to Stierlin Road Bicycle and Pedestrian Improvements, Project 17-41. (Five votes required)
2. Authorize the City Manager to execute a professional services agreement with TJKM Transportation Consultants of Pleasanton in a not-to-exceed amount of \$554,544 to provide engineering services for the Stierlin Road Bicycle and Pedestrian Improvements, Project 17-41.

### **BACKGROUND**

The 2014 Shoreline Boulevard Corridor Study (Study) provides design concepts for integrated transit, bicycle, and pedestrian facilities on the Shoreline Boulevard Corridor from the Downtown Transit Center to the City's North Bayshore Area. One of the projects funded based on the Study is the Shoreline Boulevard Reversible Bus Lane, which includes a reversible bus lane and protected bicycle lanes from Middlefield Road to Pear Avenue. Another is the Stierlin Road Bicycle and Pedestrian Improvements project, which includes bicycle and pedestrian facilities along Stierlin Road from its southerly terminus near Central Expressway to its northerly terminus at the intersection of Shoreline Boulevard and Montecito Avenue. Possible improvements in the Stierlin Road project include:

1. Stierlin Road from Washington Street to Shoreline Boulevard:
  - a. Add bike lanes subject to prohibiting parking on the east side of the street;
  - b. Install bulb-outs and high-visibility crosswalks at all intersections;

- c. Install green bike striping at driveways to announce bikes' and vehicles' right-turning conflicts;
  - d. Augment existing streetlights or install new streetlights at crosswalks and intersections and on Central Avenue (near the park);
  - e. Provide sharrow markings and speed tables on Central Avenue between Stierlin Road and Moffett Boulevard; and
  - f. Provide a buffered bike lane on the north and south approaches of Stierlin Road to Shoreline Boulevard, eliminating one southbound lane on Stierlin Road just east of Shoreline Boulevard.
2. Stierlin Road Slip Ramp:
- a. Provide a northbound, one-way protected bicycle lane with an adjacent raised or striped buffer.
3. Intersection of Shoreline Boulevard/Montecito Avenue and Stierlin Road:
- a. Install new eight-phase signal (protected left-turns and pedestrian/bicycle signal); and
  - b. Modify the intersection to be a protected intersection for bicyclists and pedestrians, which may include corner refuge islands to provide a protected space for bikes, high-visibility crosswalks, designated and distinct crossing zones for bikes and pedestrians, new bulb-outs, and ADA curb ramps at all corners, including sidewalk, curb, and gutter.

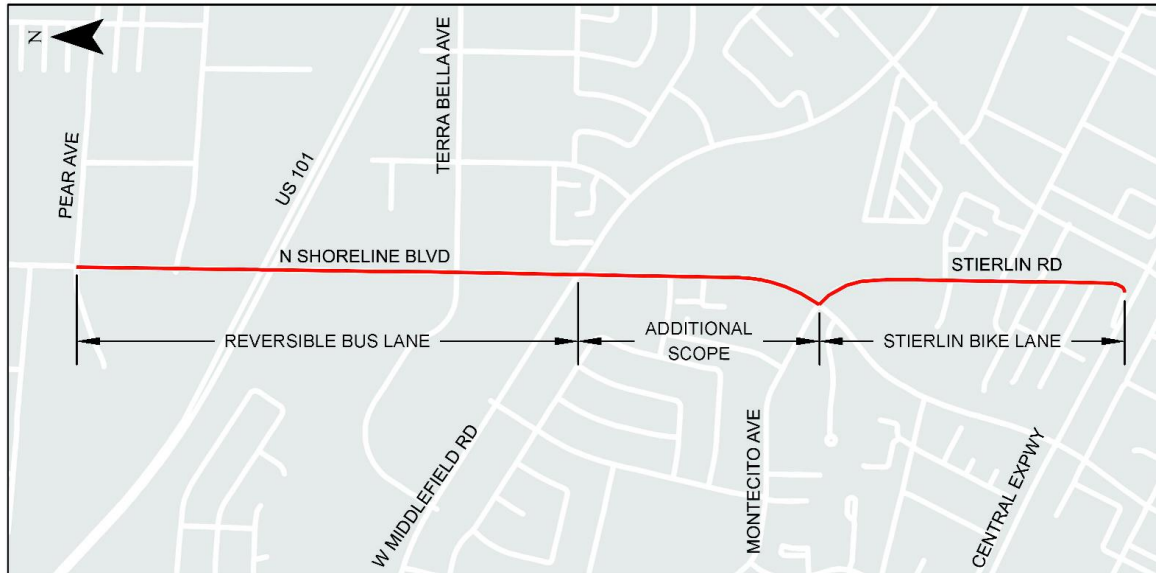
Staff and the designer will obtain public and Bicycle/Pedestrian Advisory Committee (B/PAC) input during the design process prior to recommending a final list of improvements to the City Council to understand any concerns and different perspectives on the improvements, including additional lighting and elimination of some on-street parking.

## **ANALYSIS**

Staff issued a Request for Proposals (RFP) for design of the project in December 2018. Recognizing that there is a gap between the Shoreline Reversible Bus Lane project and

the Stierlin Road Project (from Montecito Avenue to Middlefield Road – see Figure 1), staff included design of improvements in this gap in the RFP.

**Figure 1**



Potential improvements between Montecito Avenue and Middlefield Road include:

- Modify existing striping on Shoreline Boulevard to provide raised or striped buffered bike lanes.
- Potentially install an additional signalized crossing for pedestrians between Middlefield Road and Montecito Avenue. The distance between the Montecito Avenue and Middlefield Road intersections is more than one-quarter mile and there are no marked pedestrian crossings. Given this distance, pedestrians are unlikely to walk up to 10 minutes out of their way to cross Shoreline Boulevard at a signalized crossing. The result is that pedestrians regularly jaywalk across this arterial in order to go to and from the nearby Bailey Park Plaza shopping center.

The City received four proposals in response to the RFP. A review panel of City staff deemed TJKM Transportation Consultants the best qualified firm based on the merits of their proposal, experience, and demonstrated competence. TJKM’s proposed scope of services is provided in Attachment 1. Design fees include \$486,820 for Basic Services and \$67,724 as a contingency for additional services. The recommended fees are within the range typically charged for such services, and staff considers the proposal to be fair

and reasonable. The additional scope of work (between Montecito Avenue and Middlefield Road) adds approximately \$95,000 to the Basic Services fee in the recommended contract.

With City Council approval of the recommended actions, TJKM could begin design work in May 2019 and may complete it within 18 months.

### **FISCAL IMPACT**

The design of the Stierlin Road Bicycle and Pedestrian Improvements, Project 17-41, is funded with \$278,000 from the Construction/Conveyance Tax funds and \$277,000 from the Shoreline Community funds for a total of \$555,000.

The estimated cost for preparation of final Plans Specifications and Estimates is \$649,700 per details below. The total design cost is higher primarily due to the recommended additional scope of work.

TJKM Contract (Basic Services)	\$486,820
TJKM Contract (Additional Services)	<u>67,724</u>
Subtotal TJKM Services	\$554,544
City Project Management @ 10%	<u>55,500</u>
Subtotal	\$610,044
City Administration @ 6.5%	<u>39,653</u>
Total Cost	\$ <u>649,700</u> (rounded)

The recommended action would transfer \$94,700 from the Shoreline Community Fund to fund this work.

### **ALTERNATIVES**

1. Proceed without the additional scope of work.
2. Provide other direction.

**PUBLIC NOTICING** – Agenda posting.

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909-04-30-19CR  
190314

Attachment: 1. TJKM Design Scope of Services and Cost of Services

cc: APWD–Solomon, APWD–Cameron, CTE, STE–Lopez, AAI–Doan, SMA–  
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