



DATE: June 25, 2019

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Charleston Road Crossing at Permanente Creek Trail, Project 14-38 – Amend Project Budget, Approve Plans and Specifications, and Authorize Bidding**

RECOMMENDATION

1. Authorize the transfer and appropriation of \$545,000 from the Shoreline Regional Park Community Fund to Charleston Road Crossing at Permanente Creek Trail, Project 14-38. (Four votes required)
2. Approve plans and specifications for Charleston Road Crossing at Permanente Creek Trail, Project 14-38, and authorize staff to advertise the project for bids.
3. Authorize the City Manager to award a construction contract to the lowest responsible bidder if the low bid is within the project budget.

BACKGROUND

The 2013 Permanente Creek Trail Feasibility Study evaluated alternatives to improve accessibility at Charleston Road and Amphitheatre Parkway and extend the trail from Rock Street to Middlefield Road. The Amphitheatre Parkway improvements were completed in 2017.

Figure 1 shows how a trail user needs to travel in order to go northbound on Permanente Creek Trail. Since there is not a trail crossing at Charleston Road, trail users must travel approximately 700' to Alta Avenue to cross at the signalized intersection. Traveling southbound on the trail at Charleston Road, bicyclists would need to head westward to cross at the Landings Drive intersection to follow the direction of traffic flow. Instead, many trail users cut across Charleston Road midblock over the median island.

Figure 1: Existing Condition at Permanente Creek and Charleston Road



The alternatives for Charleston Road crossing improvements included a bridge, an undercrossing, and an at-grade crossing with a traffic signal. The bridge alternative was significantly more expensive than the other two alternatives, created visual impacts, and required significant tree removal. The undercrossing alternative provided good separation between trail users and vehicles, but was more expensive than the at-grade crossing option and required removal of approximately 20 trees.

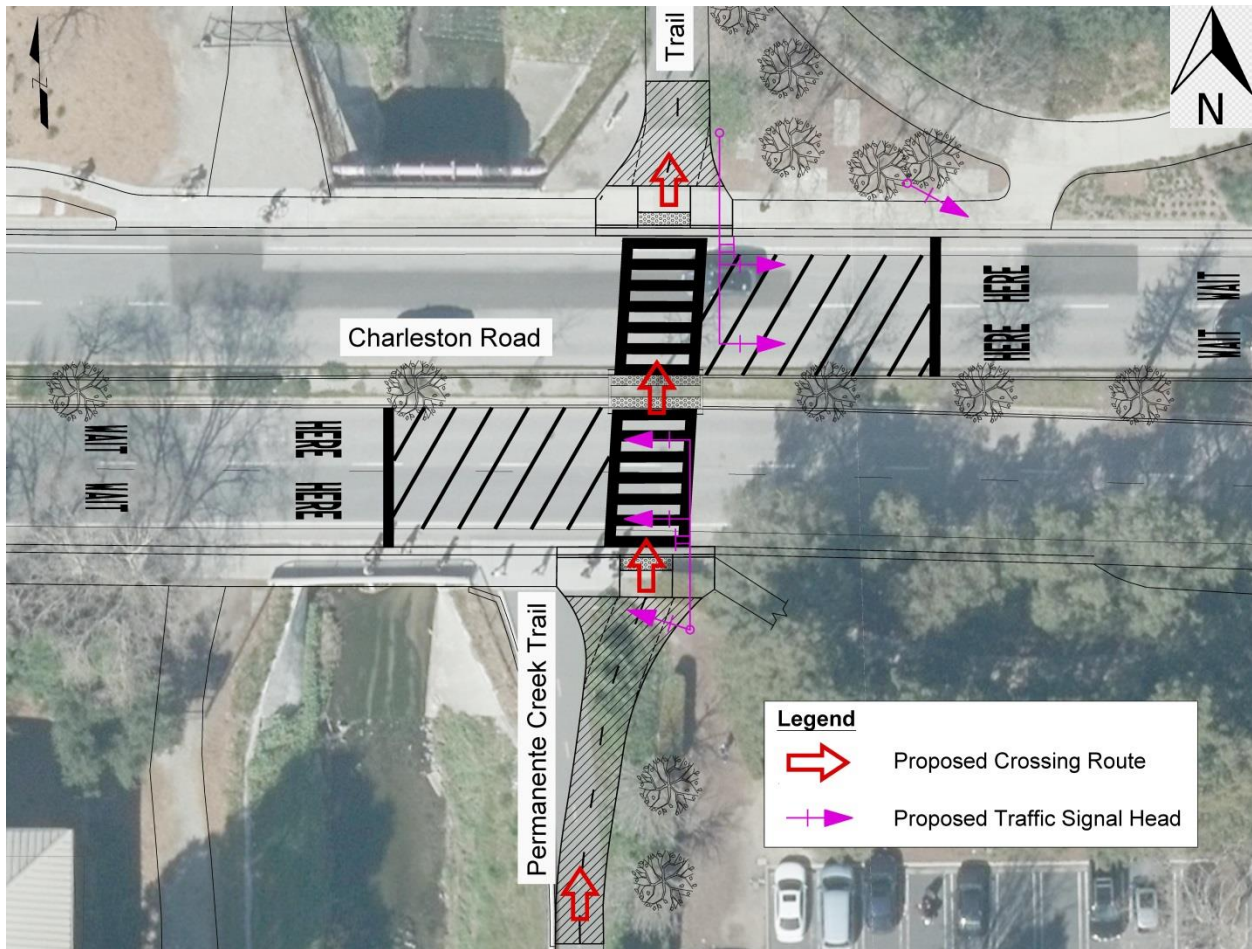
In September 2013, staff received from Google Inc. (“Google”) an undercrossing concept for Charleston Road with improvements along Permanente Creek. The Google concept had less impact on trees than the undercrossing alternative considered by the Council in May 2013 but proposed to eliminate the Santa Clara Valley Water District (“District”) maintenance access on the east side of the creek at Charleston Road.

In May 2014, the City Council authorized the delay of the Charleston Road at-grade signalized crossing project as Google’s undercrossing concept was being reviewed. The District subsequently reviewed and rejected the Google undercrossing concept due to the elimination of their trail access, and design of the at-grade crossing resumed.

ANALYSIS

The Charleston Road Crossing at Permanente Creek Trail, Project 14-38, will realign the southern segment of the Permanente Creek Trail at Charleston Road, install a new at-grade signalized crosswalk, and upgrade existing curb ramps to comply with ADA requirements (see Figure 2).

Figure 2: Proposed At-Grade Signalized Crosswalk



The project plans and specifications have been completed and the estimated project cost for the proposed Charleston Road Crossing is as follows:

Construction	\$500,000
Construction Contingency	100,000
City Project Management	50,000
Construction Inspection and Testing	40,000
Miscellaneous	<u>5,000</u>
 Subtotal	 695,000
 City Administration @ 6.5%	 <u>46,000</u>
 TOTAL PROJECT COSTS	 <u>\$741,000</u>
 PROJECT BUDGET REMAINING	 \$196,000
 <u>PROJECT SHORTFALL</u>	 <u>\$545,000</u>

The original project budget for Project 14-38 was \$605,000 and included the design of Amphitheatre Parkway improvements as well as studies of the Charleston Road improvements. The remaining project balance is \$196,000. Additional funding of \$545,000 is required to complete the project.

If the recommended actions are approved and a responsive bid within the project budget is received, construction is scheduled to begin fall 2019 and be completed by spring 2020.

In accordance with the requirements of the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt as it involves making minor alterations to existing streets, sidewalks, gutters, and bicycle and pedestrian trails.

FISCAL IMPACT

The Permanente Creek Trail – Charleston Road and Amphitheatre Parkway Crossings, Design, Project 14-38, is funded from the Shoreline Regional Park Community Fund with \$605,000. The recommended action would transfer an additional \$545,000 from

the Shoreline Regional Park Community Fund, providing a total project budget of \$1,150,000.

ALTERNATIVES

1. Do not approve plans and specifications to bid the project.
2. Place the project on hold and continue coordination efforts to incorporate the Permanente Creek Trail crossing component with the Charleston Corridor Improvements – Phases 2 and 3.
3. Provide other direction.

PUBLIC NOTICING – Agenda posting.

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HN/TS/6/CAM
934-06-25-19CR
190432

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