



**DATE:** June 4, 2019

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** **Castro Street/Moffett Boulevard at Central Expressway Near-Term Improvements, CIP 16-40 – Various Items**

### **RECOMMENDATION**

1. Approve plans and specifications for Castro Street/Moffett Boulevard at Central Expressway Near-Term Improvements, Project 16-40, and authorize staff to advertise the project for bids.
2. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.
3. Authorize the City Manager to execute a License Agreement on behalf of the City with the Peninsula Corridor Joint Powers Board (PCJPB) during construction of the project.
4. Approve the removal of, and mitigation for, two (2) Heritage trees and a 2-to-1 (2:1) replacement with 24" box trees.

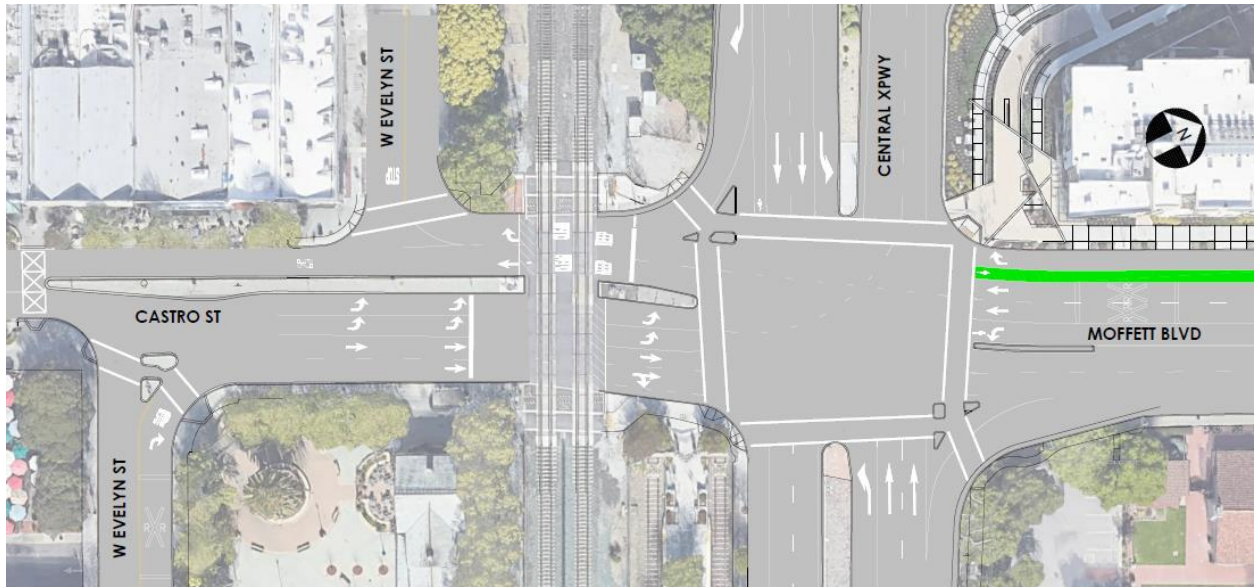
### **BACKGROUND**

The Castro Street/Moffett Boulevard at Central Expressway near-term improvements are intended to provide bicycle and pedestrian improvements at the intersection in the near term until a pedestrian/bicycle undercrossing is constructed. On May 15, 2018, Council approved a conceptual plan for the project and directed staff to proceed preparing the final plans and specifications.

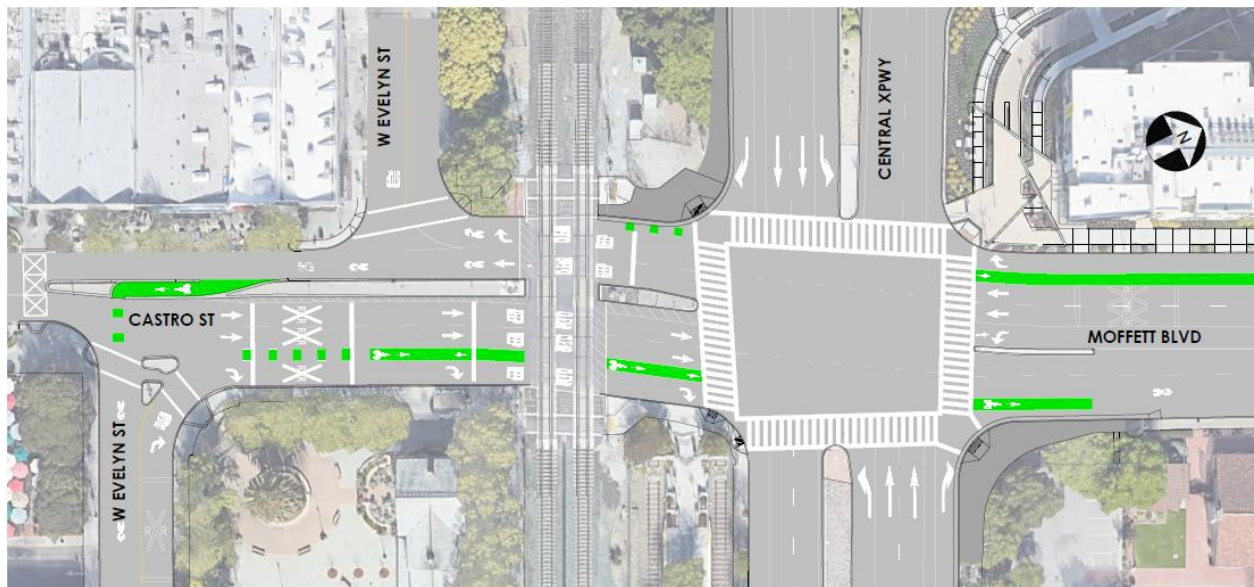
### **ANALYSIS**

The proposed improvements include reconfiguration of northbound Castro Street by eliminating the two left-turn lanes onto westbound Central Expressway, creating two through lanes, installing a through bicycle lane, and providing a designated right-turn-only lane onto eastbound Central Expressway; tightening the radius of the right-turn

lanes from Central Expressway to northbound Moffett Boulevard and to southbound Castro Street; traffic signal modifications; and signage and striping improvements to enhance bicycle and pedestrian safety at the intersection. Below, the existing intersection condition is shown in Figure 1 and the proposed intersection condition is shown in Figure 2.



**Figure 1 – Existing Intersection Condition**



**Figure 2 – Proposed Intersection Condition**

## **Peninsula Corridor Joint Powers Board (PCJPB) License Agreement**

A portion of the construction will be within the PCJPB (railroad) property and requires execution of a License Agreement with the PCJPB. A License Agreement is a standard document used by agencies when construction will happen on the agency's real property rather than in a public right-of-way or easement. The License Agreement sets out conditions and terms for the use of the property during construction, including safety measures specific to the railroad and indemnification. The license will remain in place during construction activities.

## **Heritage Tree Removal**

Tightening the radius of the right-turn lane from Central Expressway to Moffett Boulevard and widening the sidewalk at the northeast corner of the intersection require the removal of six trees, including two Heritage trees.

On April 10, 2019, staff presented the project to the Parks and Recreation Commission and Urban Forestry Board (PRC), requesting a recommendation for Heritage tree removal mitigation. The project proposes removal of two Heritage trees, and the PRC recommended a mitigation replacement ratio of 2 to 1 (2:1) with 24" box trees. Non-Heritage trees are proposed to be similarly replaced at a 2:1 ratio with County of Santa Clara-approved tree species.

## **FISCAL IMPACT**

The estimated project cost is as follows:

Construction (including contingency)	\$1,240,000
Design and Project Management	186,000
Inspection	<u>124,000</u>
Subtotal	\$1,550,000
City Administration @6.5%	<u>100,000</u>
TOTAL	<u>\$1,650,000</u>

The project is funded with \$275,000 from the Construction/Conveyance Tax Fund, \$425,000 from the Shoreline Regional Park Community Fund, and \$1,000,000 from Merlone Geier community benefit funding for a total of \$1,700,000. Based on the

estimated project cost (including construction and soft costs) of \$1,650,000, there is sufficient funding for the project.

If the recommendation is approved and favorable bids are received, the project is scheduled to start construction in summer 2019 and be complete in spring 2020.

### **ALTERNATIVES**

1. Do not approve PS&E, advertising for bids, or executing the License Agreement with PCJPB, or removal of and mitigation for two Heritage trees.
2. Provide other direction.

### **PUBLIC NOTICING** – Agenda posting.

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