



## Staff Report

**TO:** City Council

**FROM:** Jeff Hart, Public Works Director

**DATE:** September 7, 2021

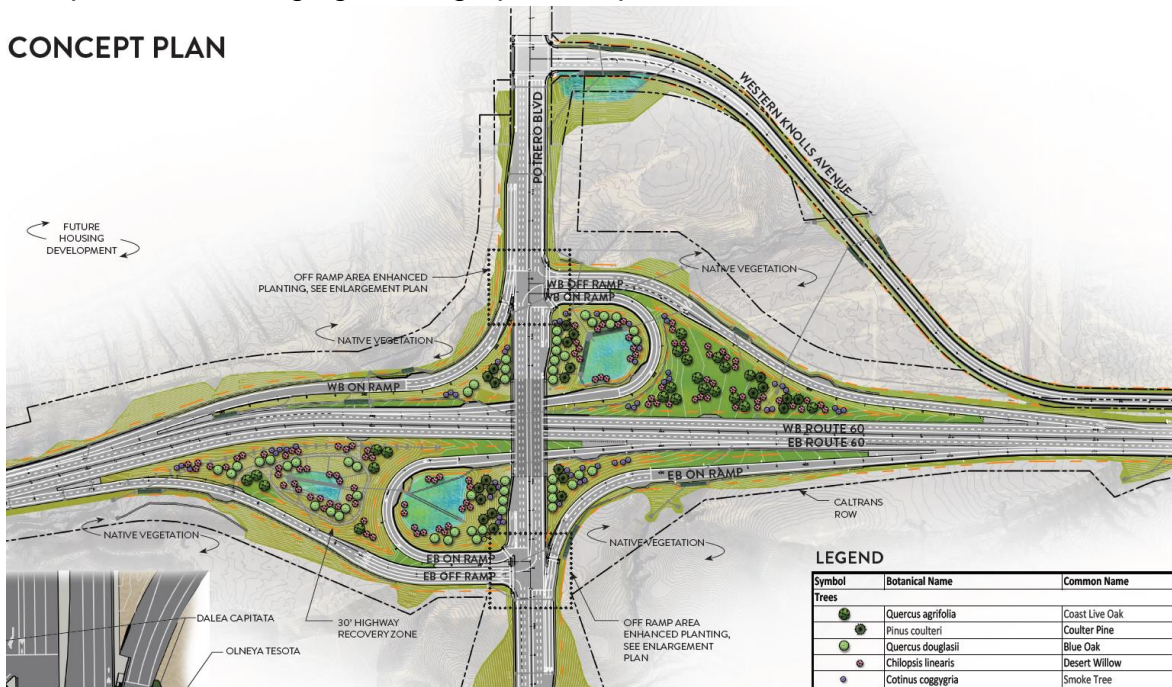
**SUBJECT:** Approve a Professional Services Agreement with Mark Thomas in an Amount Not to Exceed \$67,344 for a Revised Traffic Analysis, and Authorize the Mayor to Execute a Reimbursement Agreement with the Western Riverside Council of Governments (WRCOG) to Recoup Costs Associated with the Revised Traffic Analysis

### Background and Analysis:

Phase 1 of the Potrero Interchange, which included the bridge structure, an interim westbound on and off ramp to Western Knolls Avenue, and a 4-lane extension of Potrero Boulevard from the bridge to Fourth Street area was completed at the end of 2019.

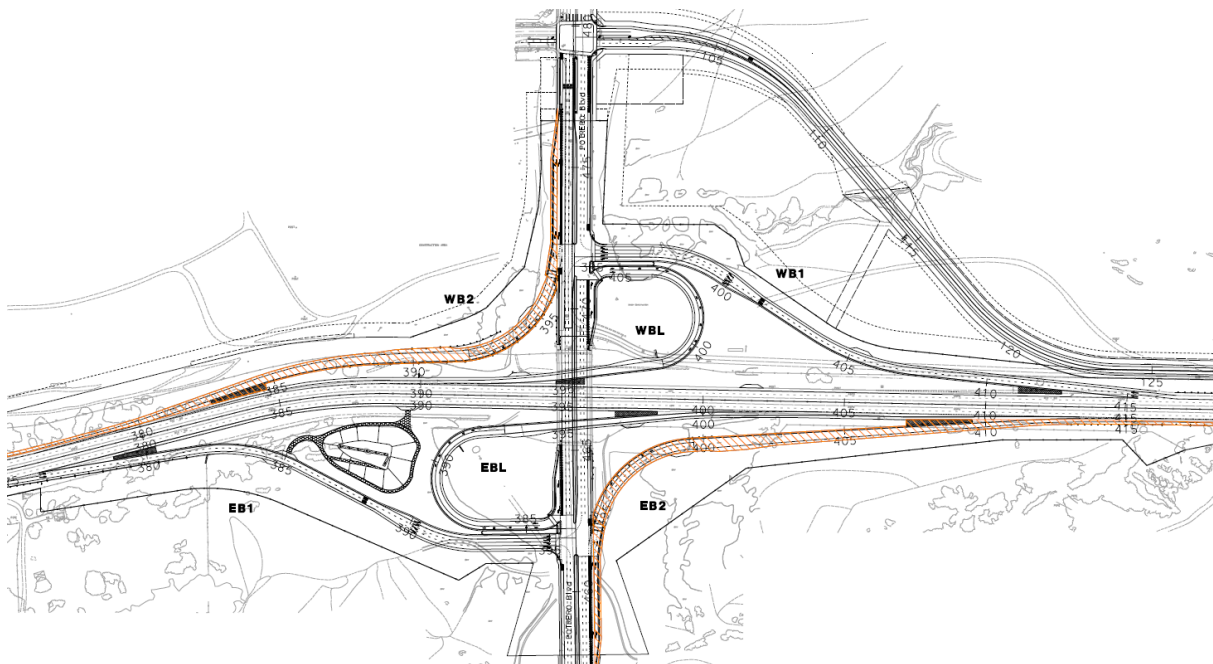
Phase 2 of the interchange includes the design and construction of a six ramp, partial clover leaf interchange. The six ramp interchange would consist of 4 on-ramps and 2 off-ramps, see following figure for graphical representation.

### CONCEPT PLAN



Phase 2 design plans are 95% complete, and approval is pending resolution of an access matter with an adjoining parcel. Concurrent with completion of the engineering plans, the consultant (Mark Thomas) has provided an engineers estimate of probable cost for the project. The most recent estimate is \$44,440,000.

Due to the sizable cost of the project City staff has been seeking potential cost saving measures that would allow for full functionality while reducing the up front cost to a more manageable amount. Collaboration between the consultant and City staff determined that elimination of the direct east bound and west bound on ramps could yield significant cost savings and still remain fully functional with minor modifications. Please see following graphic for proposed alternative.



The ramps which are delineated in orange would be either deferred until warranted by future traffic, or eliminated altogether. In order to determine whether or not the ramps can be eliminated, a revised traffic analysis must be performed. Should the results of the analysis show that the failure year of the ramps would not occur within 15 years, Caltrans would be able to support removal based upon feedback provided in several focus meetings.

City staff requests that City Council authorize a Professional Services Agreement with the project consultant, Mark Thomas, and their traffic engineer (Iteris) to perform the revised analysis requested by Caltrans to support removal of the direct on ramps (Attachment A). City staff also requests that City Council approve a reimbursement

agreement with WRCOG in order to recoup the costs associated with the proposed revisions (Attachment B). The Pass Zone 5-year Transportation Improvement Program (TIP), which was recently approved on July 29, 2021, allocated \$6,500,000 to the Potrero Phase 2 project, of which \$250,000 was attributed to plans, specifications, and engineering which can be utilized to cover the cost for the revised traffic analysis (Attachment C).

**Fiscal Impact:**

The cost of preparing the staff report is estimated to be \$750. Costs associated with the Professional Services Agreement will be reimbursed to the City via a reimbursement agreement with WRCOG.

**Recommended Action:**

Approve a Professional Services Agreement with Mark Thomas in an amount not to exceed \$67,344 for a revised traffic analysis, and

Authorize the Mayor to execute a reimbursement agreement with the Western Riverside Council of Governments (WRCOG) to recoup costs associated with the revised traffic analysis.

**Attachments:**

- A. Professional Services Agreement with Mark Thomas
- B. Proposal
- C. WRCOG Reimbursement Agreement
- D. Pass Zone 5-year Transportation Improvement Program