



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: December 6, 2016

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of Lower State Street Railroad Crossing Safety Improvements Project

RECOMMENDATION: That Council:

- A. Award a contract with John Madonna Construction Company, Inc., in their low bid amount of \$616,339, for construction of the Lower State Street Railroad Crossing Safety Improvements Project, Bid No. 3791; and authorize the Public Works Director to execute the contract and approve expenditures up to \$75,661 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment; and
- B. Authorize the increase in appropriations and estimated revenues in the Fiscal Year 2017 Streets Grant Fund by \$315,000 from the Caltrans Railway-Highways Crossing (Section 130) Program grant for construction.

DISCUSSION:

The Lower State Street Railroad Crossing Safety Improvements Project (Project) will implement safety improvements at a busy pedestrian and vehicular rail crossing on lower State Street, just south of Yanonali Street (see Attachment).

The California Public Utilities Commission (CPUC), having jurisdiction over all railroad crossings in California, approached the City and recommended the use of Railway-Highways Crossing (Section 130) Program grant funds to improve safety at the State Street rail crossing, due to a history of collisions. The California Department of Transportation (Caltrans) Division of Rail administers the Section 130 grant program and has delegated separate responsibilities for designing and constructing safety improvements to the Union Pacific Rail Road (UPRR) and to the City. Both agencies are required to coordinate their respective work to design and construct the improvements identified for their respective agencies.

The City's work primarily consists of the following:

- Installation of self-closing pedestrian swing gates at all four quadrants of the rail crossing;
- Reconstruction of the northwest quadrant curb alignment in order to accommodate the pedestrian swing gates and improve visibility of the railroad flashing lights;
- Reconstruction of the sidewalk approach to be compliant with the American with Disabilities Act;
- Removal of approximately 75 feet of the Amtrak platform immediately west of State Street so that pedestrians do not enter the rail crossing area without passing through gates; and
- Modifications to the traffic signal system/circuitry.

The UPRR is responsible for the relocation of an existing flashing light signal with an automatic gate in the northwest quadrant, the installation of pedestrian warning devices at all four quadrants, and the implementation of an advanced preemption system, which activates traffic signals and gates as trains approach the crossing.

Contract Bids

A total of two bids were received for the City's portion of the work, ranging as follows:

	BIDDER	BID AMOUNT
1.	John Madonna Construction Company, Inc. San Luis Obispo, CA	\$616,339.00
2.	Lash Construction, Inc. Santa Barbara, CA	\$688,075.00

The low bid of \$616,339.00, submitted by John Madonna Construction Company, Inc., is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

Change order funding of \$75,661.00, or twelve percent, is recommended for this Project.

Community Outreach

Staff coordinated this effort with adjacent property owners during the design process. Prior to construction, staff will notify adjacent property owners, businesses, and residents located near the Project location of the upcoming construction via mailers. The contractor will provide final notice via door hangers, 72 hours prior to construction.

Funding

This Project is fully funded by the Railway-Highways Crossing (Section 130) Program grant. There are sufficient funds in the 2017 Streets Grant Fund to cover the cost of this Project with the recommended appropriation.

On February 9, 2016, City Council approved Resolution No. 16-007 allowing the Public Works Director to execute Caltrans Service Contract No. 75LX287, which governs the receipt of \$526,500 of Section 130 grant funds. Since that time, staff requested and Caltrans has approved \$315,000 of additional program grant funds to cover cost increases beyond the Project's original cost estimate from the initial grant request. Project cost increases are attributed to the following:

- Installation of storm water infiltration systems in order to meet the City's Tier 3 post-construction storm water management requirements;
- Various additional work items that were added to the Project as requested during project design review by outside regulatory agencies (UPRR and CPUC) and/or City discretionary review (Historic Landmark Commission); and
- The low bid received was 25 percent higher than anticipated.

Caltrans approved the additional funding request and increased the total Project reimbursable costs to \$841,500, which will fully fund design, construction, and construction management.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
John Madonna Construction Company, Inc.	\$616,339.00	\$75,661.00	\$692,000.00
TOTAL RECOMMENDED AUTHORIZATION			\$692,000.00

The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

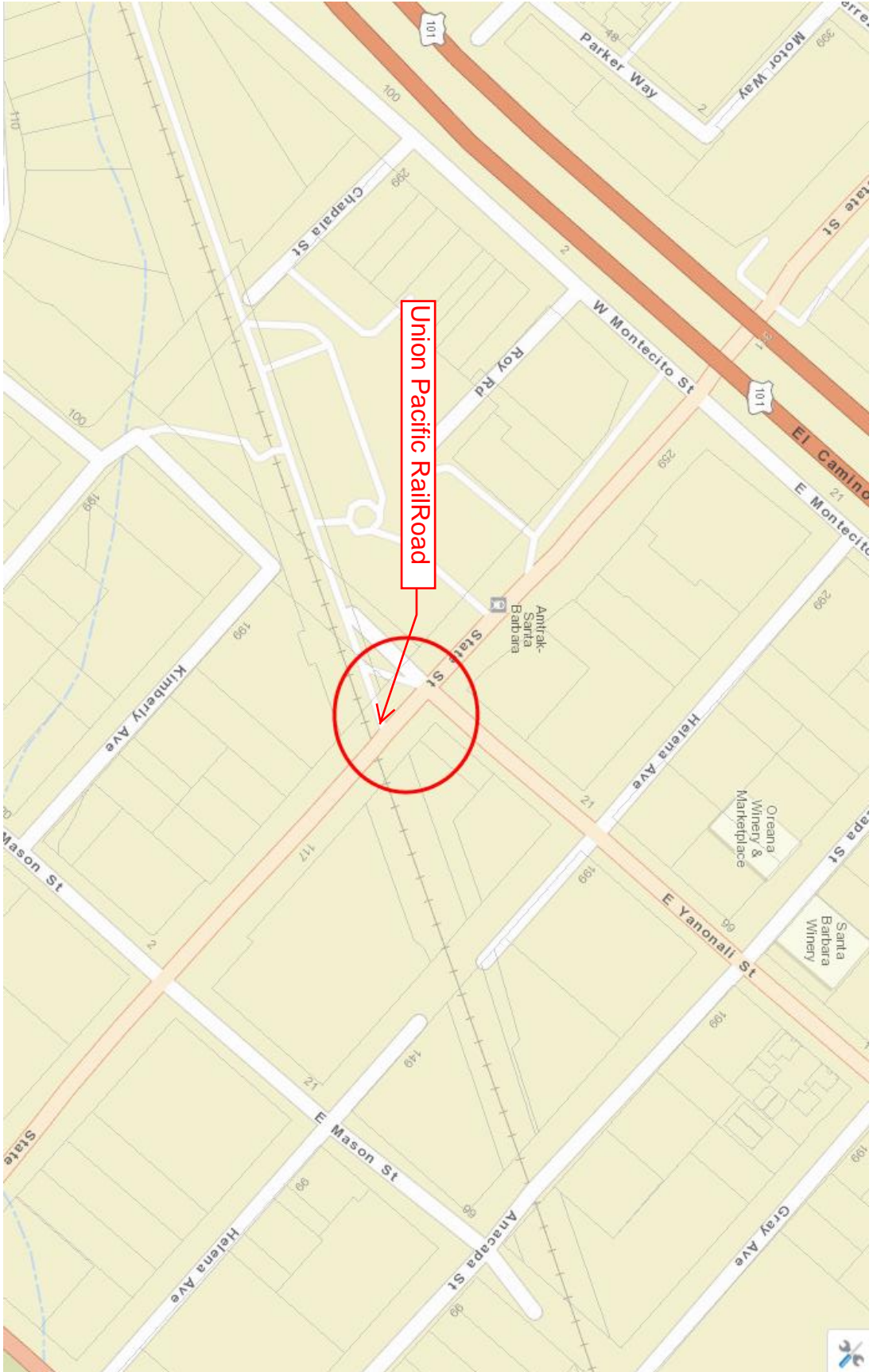
**Cents have been rounded to the nearest dollar in this table.*

	SECT. 130 GRANT	TOTAL
Design – Geotechnical Services	\$6,450	\$6,450
City Design Cost	70,828	70,828
<i>Design Subtotal</i>	\$77,278	\$77,278
Construction Contract	\$616,339	\$616,339
Construction Change Order Allowance	75,661	75,661
<i>Subtotal</i>	\$692,000	\$692,000
Construction Management/Inspection (by City Staff)	\$68,722	\$68,722
Material Testing	3,500	3,500
<i>Subtotal</i>	\$72,222	\$72,222
<i>Construction Subtotal</i>	\$764,222	\$764,222
TOTAL PROJECT COST	\$841,500	\$841,500

SUSTAINABILITY IMPACT:

The Project will improve safety and accessibility for all modes of transportation, including pedestrians crossing the lower State Street railroad tracks and is consistent with the City’s sustainability goals of encouraging more people to walk, reducing energy consumption and air pollution.

- ATTACHMENT:** Project Location Map
- PREPARED BY:** John Ewasiuk, Principal Civil Engineer/AU/sk
- SUBMITTED BY:** Rebecca J. Bjork, Public Works Director
- APPROVED BY:** City Administrator’s Office



RAILWAY – HIGHWAYS CROSSING SECTION 130 PROGRAM –
LOWER STATE STREET RAILROAD CROSSING IMPROVEMENTS