



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: April 24, 2012

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of Safe Routes To School Modoc And Portesuello Intersection Improvements Project

RECOMMENDATION: That Council:

- A. Accept State Safe Routes to School Program funding in the total amount of \$218,275;
- B. Authorize the increase of estimated revenues and appropriations in the Fiscal Year 2012 Streets Fund by \$218,275 for the Safe Routes to School Modoc and Portesuello Intersection Improvements Project;
- C. Reprogram \$40,000 of existing appropriations in the Streets Fund for School Zone Safety Improvements to Safe Routes to School Modoc and Portesuello Intersection Improvements Project;
- D. Award a contract with Aguilera Brothers Construction, Inc., in their low bid amount of \$196,477.50 for construction of the Safe Routes to School Modoc and Portesuello Intersection Improvements Project, Bid No. 3627; and
- E. Authorize the Public Works Director to execute the contract and approve expenditures up to \$31,400 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.

EXECUTIVE SUMMARY:

The purpose of the Safe Routes to School Modoc and Portesuello Intersection Improvements Project (Project) is to standardize the alignment of the intersection of Modoc Road and Portesuello Avenue in order to improve the intersection's safety and functionality. The intersection was specifically identified in the Safe Routes to School chapter of the City's 2006 Pedestrian Master Plan as a concept project to install pedestrian safety improvements for children attending La Cumbre Junior High School (LCJH). Since 2007, the City has sought funds to make these improvements. The City's California Safe Routes to School (SR2S) application was successful in July 2010, securing the necessary funding for all phases of the Project. After review and approval by the Transportation Circulation Committee (TCC) and the Architectural Board of

Council Agenda Report

Contract For Construction Of Safe Routes To School Modoc And Portesuello Intersection Improvements Project

April 24, 2012

Page 2

Review (ABR), Project bids were received from construction contractors in March 2012. The Project is currently listed in the City's Capital Improvement Program.

DISCUSSION:

BACKGROUND

The intersection of Modoc Road at Portesuello Avenue was first identified as a safety concern by LCJH in 2001 because of the long pedestrian crossing across Portesuello Avenue due to the angled intersection with Modoc Road (see Attachment 1). Through both Parent Teacher Association meetings and a student survey conducted in the fall of 2006, LCJH continued to show interest in improvements at this intersection. The intersection was subsequently identified in the SR2S chapter of the City's 2006 Pedestrian Master Plan as a concept project for intersection safety improvements to serve school children accessing LCJH. In 2009, the intersection was further identified as a safety concern by the Santa Barbara Community Academy, which shares the campus with LCJH, when hazard assessments were conducted in coordination with the school's principal, parents, and the City's Public Works and Police Department staff. Students, parents, and school leadership have expressed specific concerns regarding the long pedestrian crossing and associated pedestrian exposure across Portesuello Avenue due to its non-standard, angled intersection with Modoc Road.

In October 2011, staff presented the Project to the TCC, and it was found to be consistent with the Circulation Element. The TCC supports this Project and commented about the difficulties in traversing the intersection due to its non-standard alignment. The Committee also commented that the planned additional lighting around the school would be most welcome.

In January 2012, staff presented the Project to the ABR, at which time the Project was granted Project Design Approval and Final Approval.

Staff has worked very closely with the property owners at 803 Portesuello Avenue, Robert and Jean Cuellar, as their property will be directly affected by the Project's improvements. Mr. and Mrs. Cuellar have signed an encroachment permit to take on the maintenance of the additional landscaped area that will now be in front of their property (see Attachments 1 and 2).

PROJECT DESCRIPTION

The Project will standardize the intersection to a ninety-degree angle, greatly reducing the existing 105-foot crossing distance across Portesuello Avenue to a more typical 44-foot crossing. The Project includes additional safety improvements such as relocating the access ramp and crosswalk on Modoc Road from the eastern side of Portesuello Avenue to the western side, and installing new pedestrian lighting over the crosswalks. The design will meet access needs of pedestrians and cyclists, while also accommodating large vehicles (Metropolitan Transit District buses, school buses, and

Council Agenda Report

Contract For Construction Of Safe Routes To School Modoc And Portesuello Intersection Improvements Project

April 24, 2012

Page 3

emergency vehicles). The Project has been reviewed by the Santa Barbara Police and Fire Departments, Santa Barbara Transportation staff, the Santa Barbara School District staff, and the Metropolitan Transit District.

CONSTRUCTION SCHEDULING

There is a six-to nine-month lead time necessary for delivery of the light poles that are included in the Project. Construction is expected to begin in the summer of 2012, and the Contractor shall have 45 working days to complete all construction, except for the light pole installation. Once the light poles have been delivered and accepted by the City, the Contractor shall have an additional 10 working days to complete the light pole installation.

CONTRACT BIDS

A total of eight bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	Aguilera Brothers Construction, Inc. Santa Paula, CA	\$196,477.50
2.	Lash Construction, Inc. Santa Barbara, CA	\$208,941.00
3.	Brough Construction, Inc. Arroyo Grande, CA	\$233,670.00
4.	V. Lopez Jr. & Sons, Inc. Santa Maria, CA	\$235,426.00
5.	Berry General Engineering Contractors, Inc. Ventura, CA	\$242,530.00
6.	Hughes General Engineering, Inc. Camarillo, CA	\$249,185.00
7.	Granite Construction Company Watsonville, CA	\$270,860.00
8.	Mendez Concrete, Inc. Santa Paula, CA	\$270,917.30

Council Agenda Report

Contract For Construction Of Safe Routes To School Modoc And Portesuello Intersection Improvements Project

April 24, 2012

Page 4

The low bid of \$196,477.50, submitted by Aguilera Brothers Construction, Inc., is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

Total change order funding is slightly more than the typical 15% for this type of work and size of Project. The change order allowance includes an additional \$2,000 to account for the installation of blank conduit and two pull boxes, as requested by the Public Works Facilities Division while the Project was out to bid.

COMMUNITY OUTREACH

During the Project's design phase, community outreach was done in order to coordinate with and solicit input from the property owners immediately adjacent to the Project. Staff worked closely with the property owner of 803 Portesuello Avenue, as well as La Cumbre Junior High and Santa Barbara School District staff to develop a design that is acceptable to all involved. Community outreach letters were also sent to the entire affected neighborhood prior to both the October 2011 TCC meeting and the January 2012 ABR meeting, where the Project was presented for review and approval.

In early April, staff again notified the property owners and residents located near the Project location of the upcoming construction via mailers. Prior to construction, the contractor will be responsible for the final notice given via door hangers 72 hours prior to construction.

FUNDING

The City has been awarded a State SR2S grant in the amount of \$218,275 for the Project's costs. This particular grant traditionally requires a 10% match, but the City originally offered 15.5% to give the grant application a better likelihood of success. Due to additional sidewalk and access improvements that were added to the Project during design, the City's match is now 29.7% of the total participating Project cost of \$310,410. The City's local match will be paid for out of Measure D funds in the Streets Fund. Since water main improvements in the construction area are needed, staff plans to complete these improvements for an additional \$15,700 outside of the grant to be paid from the Water Fund. In total, the project cost is estimated at \$326,110. With the addition of the \$218,275 in appropriated grant funds, there are sufficient appropriated funds in the Streets Fund and Water Fund to cover the City cost of this Project.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
	\$196,477.50	\$31,400.00	\$227,877.50
TOTAL RECOMMENDED AUTHORIZATION			\$227,877.50

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.*

Design (by Contract)	\$5,890
Encroachment Permit Cost	\$1,859
City Staff Costs – Surveying, Real Property, Design	\$42,983
Subtotal	\$50,732
Construction Contract	\$196,478
Construction Change Order Allowance	\$31,400
Subtotal	\$227,878
Other Construction Costs (testing, etc.)	\$2,500
Construction Management/Inspection (by City Staff)	\$45,000
Subtotal	\$47,500
TOTAL PROJECT COST	\$326,110

SUSTAINABILITY IMPACT:

The Project will improve safety and accessibility for families attending LCJH and Santa Barbara Community Academy. Therefore, this Project will contribute to the City’s sustainability goals by encouraging more people to walk to school, reducing energy consumption and air pollution.

ATTACHMENT(S): 1) Existing Conditions Exhibit
 2) Final Design Exhibit

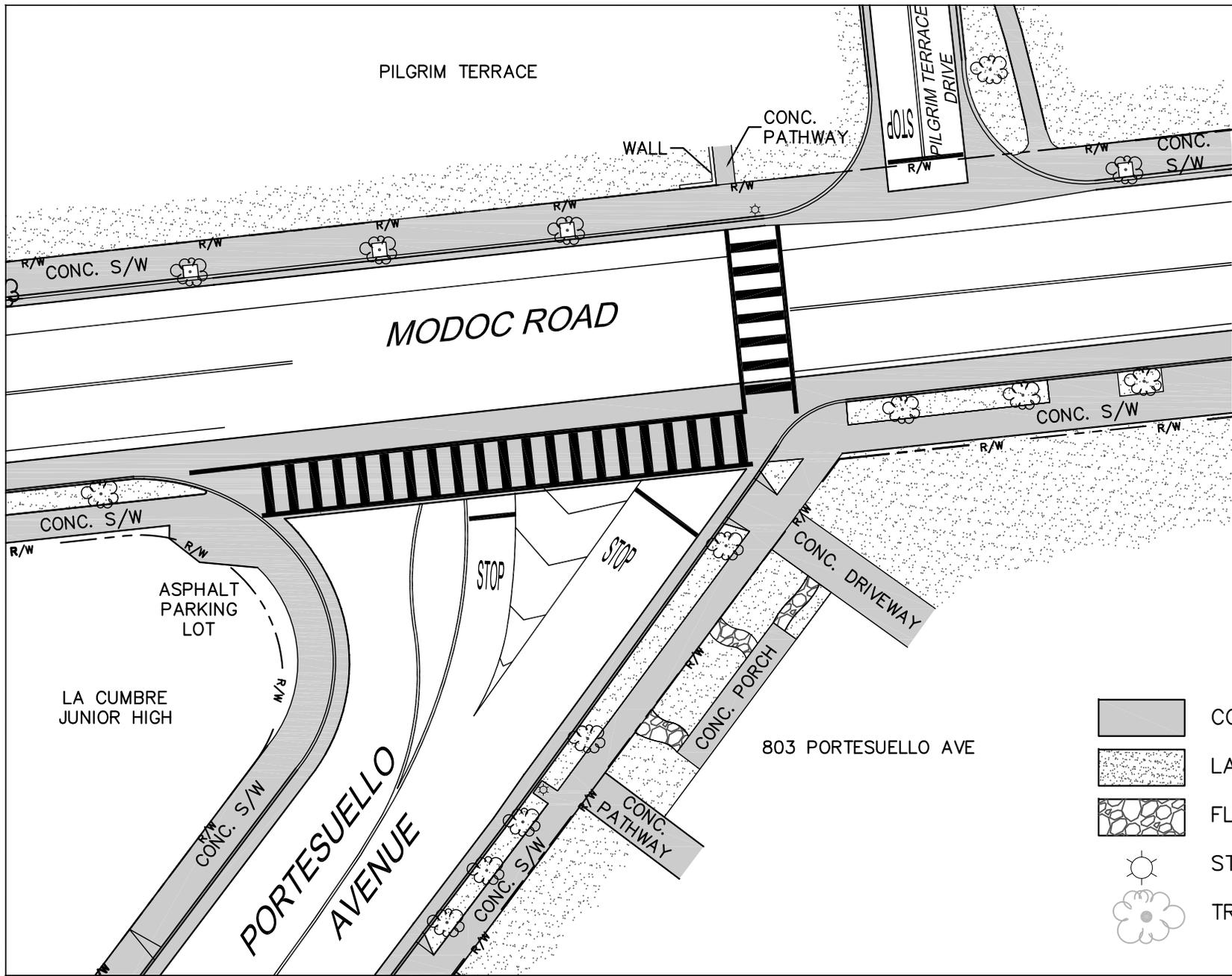
PREPARED BY: John Ewasiuk, Principal Civil Engineer/MR/sk

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator’s Office



SCALE: 1"=30'



LEGEND

-  CONCRETE CONSTRUCTION
-  LANDSCAPED AREA
-  FLAGSTONE PATHWAY
-  STREETLIGHT
-  TREE

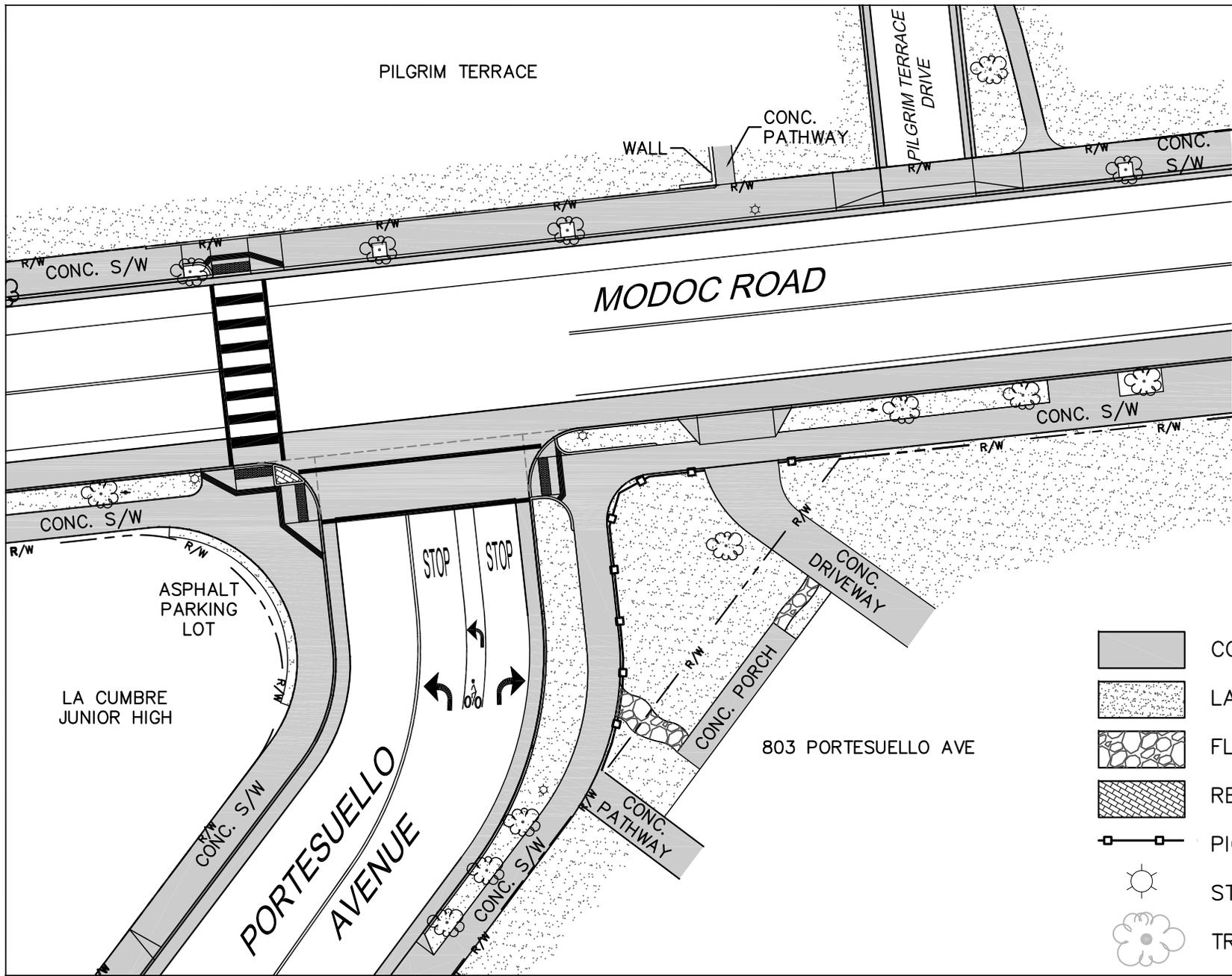


SAFE ROUTES TO SCHOOL
MODOC & PORTESUELLO
INTERSECTION IMPROVEMENTS

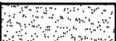
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DRAWN	MR
CHECKED	BD
DATE	4/24/12
EXISTING	



SCALE: 1"=30'



LEGEND

-  CONCRETE CONSTRUCTION
-  LANDSCAPED AREA
-  FLAGSTONE PATHWAY
-  RED BRICK PAVERS
-  PICKET FENCE
-  STREETLIGHT
-  TREE



SAFE ROUTES TO SCHOOL
MODOC & PORTESUELLO
INTERSECTION IMPROVEMENTS

DESIGN	MR
DRAWN	MR
CHECKED	BD
DATE	4/24/12
FINAL DESIGN	