



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: February 3, 2015

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Design Of Montecito-Yanonali Street Bridge Replacement And Pedestrian Improvements

RECOMMENDATION:

That Council authorize the Public Works Director to execute a City Professional Services contract with Drake Haglan & Associates, Inc., in the amount of \$651,771, for design services of the Montecito-Yanonali Street Bridge Replacement and Pedestrian Improvements Project, and authorize the Public Works Director to approve expenditures of up to \$65,177 for extra services that may result from necessary changes in the scope of work.

DISCUSSION:

BACKGROUND

On January 27, 2014, Council authorized the use of \$433,000 of one-time available City funds for allocation towards the Montecito-Yanonali Bridge Sidewalk Project. The goal of that project was to provide pedestrian access across the Montecito-Yanonali Bridge, which is a very narrow bridge with no sidewalks. Originally, that project involved adding a cantilevered sidewalk attached to the existing vehicular bridge and upgrading the existing deficient bridge rail. Upon further investigation with hydrologists, structural engineers, and the City's Flood Plain Coordinator, it was determined that a cantilevered sidewalk and bridge rail would cause a rise in the floodway of Sycamore Creek, which could compromise the ability of nearby residents to obtain flood insurance in the City. Furthermore, Federal Emergency Management Agency (FEMA) regulations do not allow for projects to cause a rise in a floodway. The alternative is to construct a new bridge with a larger span which would not cause a rise in the floodway, but would meet the original goal of providing dedicated pedestrian access across the bridge.

In May 2014, staff applied for an Active Transportation Program (ATP) Grant for construction of a new bridge that would provide pedestrian access and meet FEMA regulations, as well as adding pedestrian improvements along Salinas Street. On

September 27, 2014, Caltrans notified staff that the Montecito-Yanonali Street Bridge Replacement and Pedestrian Improvements Project (Project) was selected to receive grant funding. The one-time City funds were used as a voluntary match to increase the competitiveness of the grant application, which proved to be a successful strategy.

Effective December 10, 2014, the California Transportation Commission (CTC) has given Caltrans approval to distribute the ATP funds, allowing the City to proceed with reimbursable work on the Project Approval and Environmental Document phase of this Project. As part of the grant requirements, ATP Funds must be appropriated within two years from CTC approval, with no more than a one-year extension for each phase. The Project is currently scheduled to begin construction in April 2016.

PROJECT DESCRIPTION

The Project will construct a critical missing sidewalk link to an otherwise complete network of sidewalks. To accomplish this, the existing vehicular bridge will be demolished, and a new bridge will be constructed to include a sidewalk along the east side for pedestrians and shoulders for cyclists to use. The intersection of Montecito and Yanonali Streets will be converted to an all-way stop to improve pedestrian safety at a blind corner. Pedestrian-scale lighting is also included to improve pedestrian safety and visibility along the Salinas Street corridor, which is a common route to and from nearby schools (see Attachment).

DESIGN PHASE CONSULTANT ENGINEERING SERVICES

Drake Haglan & Associates, Inc., (Drake Haglan) was selected as part of a Request for Qualifications process that followed strict Caltrans' Local Assistance Procedures Manual requirements. Consultants were rated based upon their qualifications and technical proposals. Two consultants submitted proposals, and both candidates were interviewed. Based upon the proposals and interview, Drake Haglan was ranked as the most qualified consultant and was asked to provide a cost proposal to perform the design services work. Negotiations with Drake Haglan produced a fair and reasonable price.

COMMUNITY OUTREACH

In the spring of 2013, staff conducted a bilingual outreach effort in the Eastside Neighborhood to listen to resident's transportation concerns and develop action steps to address those concerns. The Eastside Neighborhood Transportation Management Plan (Plan), which was adopted by Council in July 2013, summarizes the process in which the neighborhood participated, the input they provided, and the plan of action they determined to address its concerns. The process was extensive and included the following: a survey, where Eastside families were members of the focus groups; two public workshops that were held at Franklin Elementary School; two hearings before the City's Transportation Circulation Committee; two hearings before the Neighborhood Advisory Council; two hearings at City Council; and one hearing at a joint City Council

and Santa Barbara School District meeting. Stakeholder outreach was also conducted with the following: Santa Barbara School District (Eastside School Principals/Parent Teacher Association/information distribution in students' Friday folders); the Coalition for Sustainable Transportation, COAST, who started the Eastside WALKS Program; the Santa Barbara Bicycle Coalition; the Milpas Community Association; Our Lady of Guadalupe (religious institution); and Eastside residents, with a targeted focus on Eastside families. This Project was one of the needs identified by the community to enhance the walking experience along this route to and from school.

A Project Development Team (PDT) will be assembled for the Project, consisting of the City Project Engineer and various City department representatives, along with the Consultant Project Manager and Caltrans Local Assistance. The PDT will review and recommend the Project through three distinct design phases: Conceptual, Preliminary, and Final. The level of environmental documentation anticipated for California Environmental Quality Act is an Initial Study/Mitigated Negative Declaration. The Project will continue through the City's community-based public participation process and will be reviewed by the Architectural Board of Review.

Additional public information will be disseminated throughout the Project in a timely manner, similar to what has been done for other recently completed bridge replacement projects. In addition, information will be available on the Public Works Department, Engineering Division's Interactive Map of Design and Construction Projects Map (santabarbaraca.gov/gov/depts/pw/engineering/major_projects.asp).

FUNDING

The following summarizes all estimated total Project costs:

ESTIMATED TOTAL PROJECT COST

	City Share	ATP Share	Total
Design Services (by Contract)	\$119,948	\$597,000	\$716,948
City Staff Costs - Design	150,000	0	150,000
City Staff Costs - Survey	32,000	0	32,000
Subtotal	\$301,948	\$597,000	\$898,948
Estimated Construction Contract w/Change Order Allowance	\$0	\$2,695,000	\$2,695,000
Estimated Construction Management/Inspection	250,000	150,000	400,000
Estimated Other Construction Costs	50,000	0	50,000
Subtotal	\$300,000	\$2,845,000	\$3,145,000
TOTAL PROJECT COST	\$601,948	\$3,442,000	\$4,043,948

The Project is funded with ATP Grant Funds and the City's Streets Funds. City Council previously authorized \$433,000 of City funds for this Project on January 27, 2014, which will cover the City's share of design costs and a portion of the City's share of estimated construction costs. The estimated shortfall of \$168,948 for the City's share of construction will be either included in a future City budget, or staff will request that Council appropriate funds from Streets Fund reserves in a separate action.

SUSTAINABILITY IMPACT:

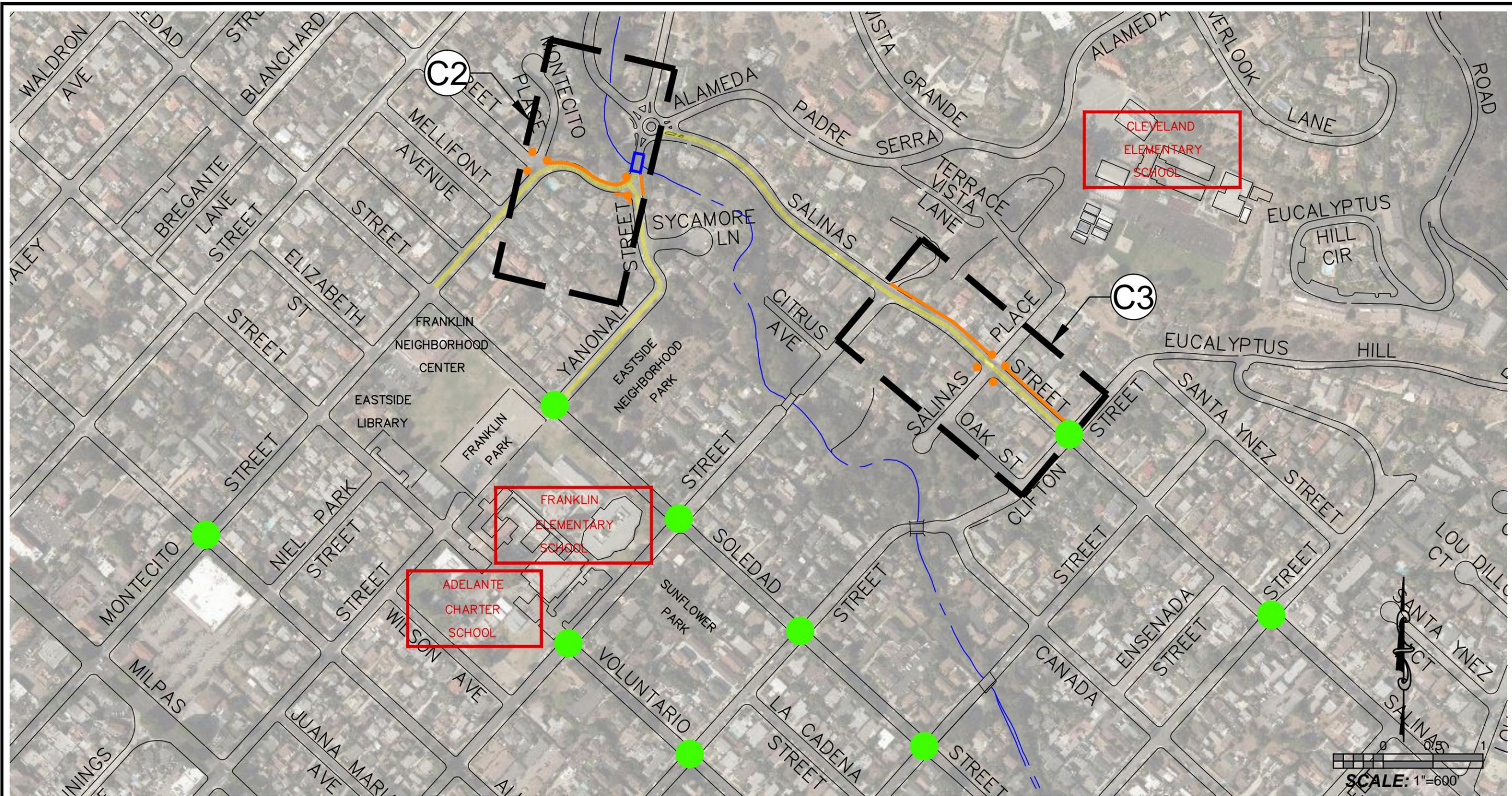
The Project will improve safety and accessibility for pedestrians and will contribute to the City's sustainability goals by encouraging more people to walk, reducing energy consumption and air pollution.

ATTACHMENTS: Montecito-Yanonali Street Bridge Replacement and Pedestrian Improvements Project Plan

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

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office



SITE PLAN

*ALL DISTANCES SHOWN ARE APPROXIMATE WALKING DISTANCES FROM NEAREST PROPOSED PEDESTRIAN IMPROVEMENT TO SCHOOL ENTRANCE.

LEGEND:

- SIDEWALK INFILL
- PEDESTRIAN LIGHTING CORRIDOR
- RAMP INSTALLATION
- BRIDGE REPLACEMENT
- RECENT SAFE ROUTES TO SCHOOL IMPROVEMENTS
- SEE CORRESPONDING SHEETS



PUBLIC WORKS
DEPARTMENT
ENGINEERING DIVISION

APPROVED:	DATE
CITY ENGINEER	ORIGINAL SIGNED DATE

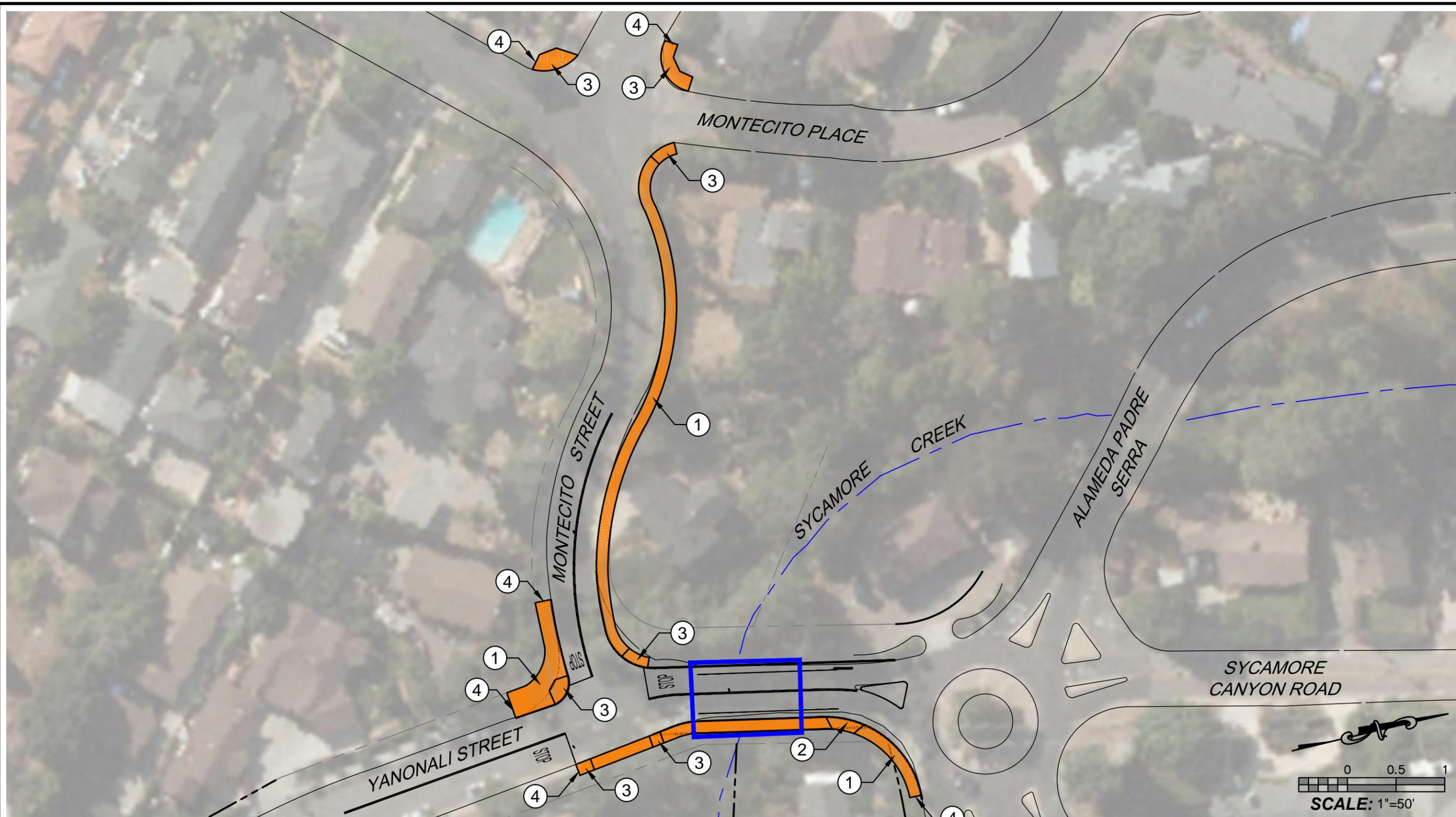
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NO.	DATE	APPROVED	REVISIONS

MONTECITO-YANONALI BRIDGE REPLACEMENT
SITE PLAN

2014-XXXX	PBW. NO.
XXXX	C1
C-1-XXXX	DWG. NO.
SHT. 1	OF 3





SITE PLAN

CONSTRUCTION NOTES:

- ① CONSTRUCT CONCRETE SIDEWALK PER CITY STANDARD DETAILS
- ② CONSTRUCT CONCRETE DRIVEWAY PER CITY STANDARD DETAILS
- ③ CONSTRUCT CONCRETE ACCESS RAMP PER CITY STANDARD DETAILS
- ④ MEET & MATCH EXISTING STRUCTURE

LEGEND:

- CONCRETE CONSTRUCTION
- EXISTING EDGE OF PAVEMENT
- NEW EDGE OF PAVEMENT
- NEW BRIDGE LIMITS



Know what's below.
Call before you dig.



PUBLIC WORKS
DEPARTMENT
ENGINEERING DIVISION

DESIGN	AG	DATE	
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CHECKED	BD	ORIGINAL SIGNED DATE	

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NO.	DATE	APPROVED	REVISIONS

MONTECITO-YANONALI BRIDGE REPLACEMENT
**MONTECITO STREET
AT YANONALI STREET**

2014-XXXX	PBW. NO.
XXXX	C2
C-1-XXXX	DWG. NO.

SHT. 2 OF 3



CONSTRUCTION NOTES:

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SITE PLAN

LEGEND:

 CONCRETE CONSTRUCTION



PUBLIC WORKS
DEPARTMENT
ENGINEERING DIVISION

APPROVED: _____ DATE _____
CITY ENGINEER ORIGINAL SIGNED DATE _____

DESIGN AG _____
DRAWN AG _____
CHECKED BD _____
30 %
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NO.	DATE	APPROVED	REVISIONS

MONTECITO-YANONALI BRIDGE REPLACEMENT
SALINAS STREET
FROM MASON ST TO CLIFTON ST

2014-XXXX
PBW. NO.
XXXX C3
C-1-XXXX
DWG. NO.
SHT. 3 OF 3



Montecito-Yanonali Street Bridge Replacement and Pedestrian Improvements

February 3, 2015



Montecito-Yanonali Street Bridge

- ◆ Staff recommends council award the consultant design services contract to Drake Haglan & Associates
- ◆ Active Transportation Program Grant Funding Update



Active Transportation Program (ATP)

- ◆ California Transportation Commission awarded the City \$8.614 M towards four ATP grant fund projects
- ◆ ATP Funding Purpose

Active Transportation Program (ATP)

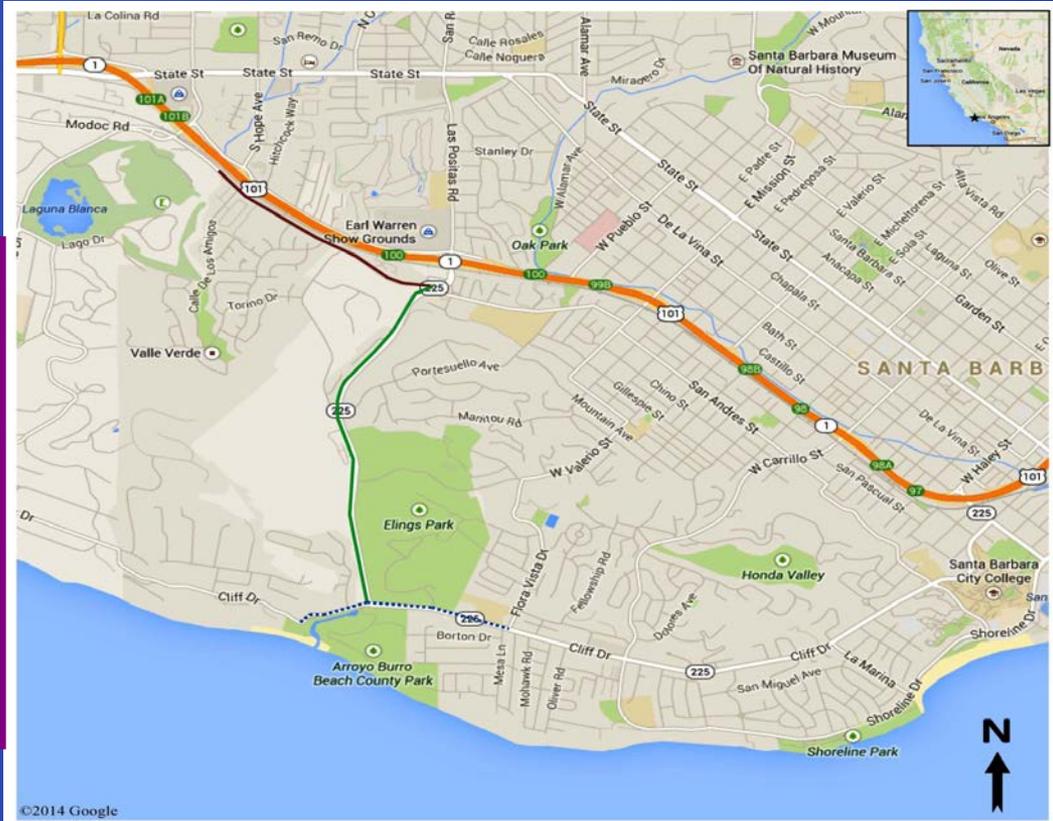
3 ATP Projects Benefit the Lower East Side

- Montecito-Yanonali Bridge Replacement \$3.442 M
- Lower Milpas Street & Calle Puerto Vallarta Sidewalk & Lighting \$1.097 M
- Cacique & Soledad Streets Pedestrian/Bicycle Bridges & Lighting \$2.703 M

4th ATP Project in Las Positas Valley

- Las Positas and Modoc Multiuse Path \$1.372 M
\$8.614 M

Las Positas and Modoc Multiuse Path



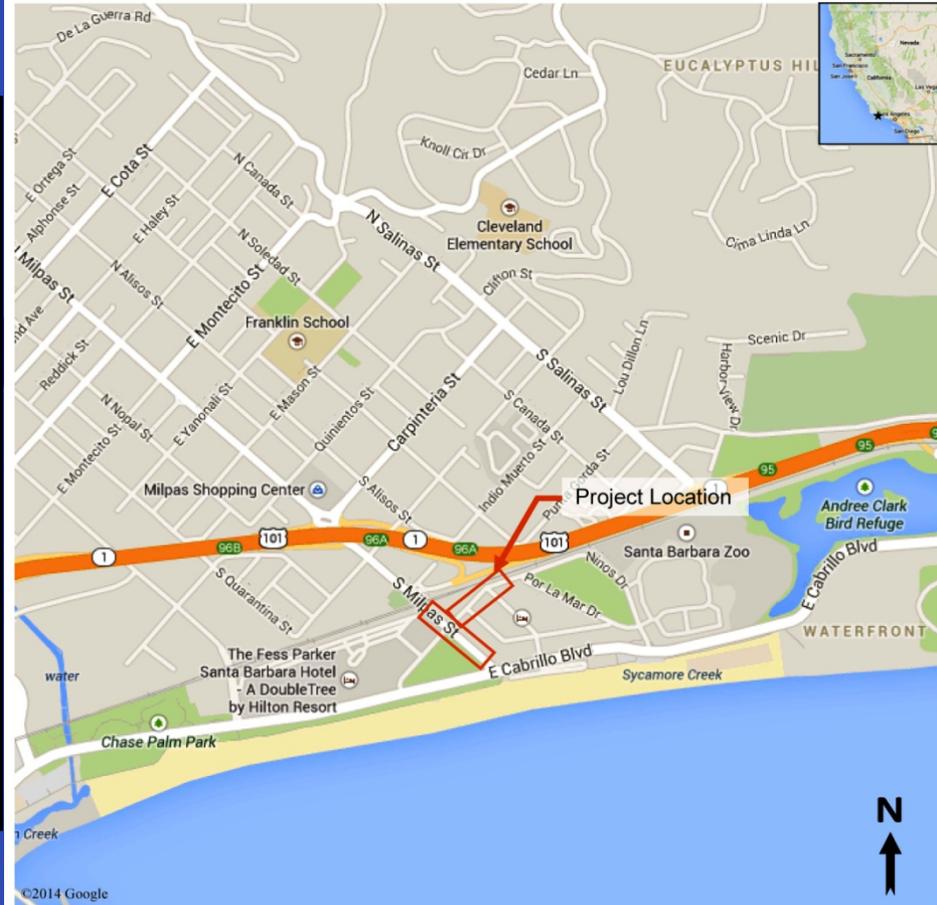
Preliminary Plan

- Legend:
- New Modoc Road Class I Multiuse Path (~5300')
 - New Las Positas Road Class I Multiuse Path (~8400')
 - ⋯ Currently being studied for a new Class I Multiuse Path

Lower Milpas Street and Calle Puerto Vallarta Sidewalk & Lighting



City of Santa Barbara Lower Milpas Pedestrian Improvements



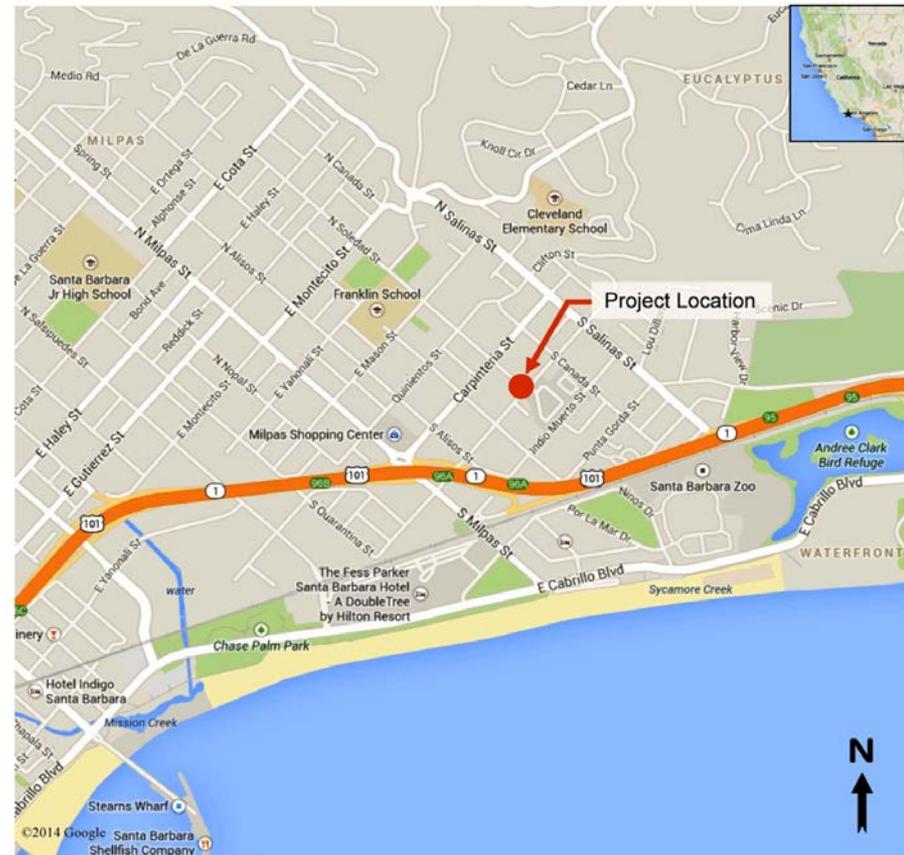
Project Map

1" = 1250'

Cacique and Soledad Ped/Bike Bridges and Corridor Improvements



City of Santa Barbara Cacique & Soledad Pedestrian/Bicycle Bridges and Corridor Improvements



Project Map

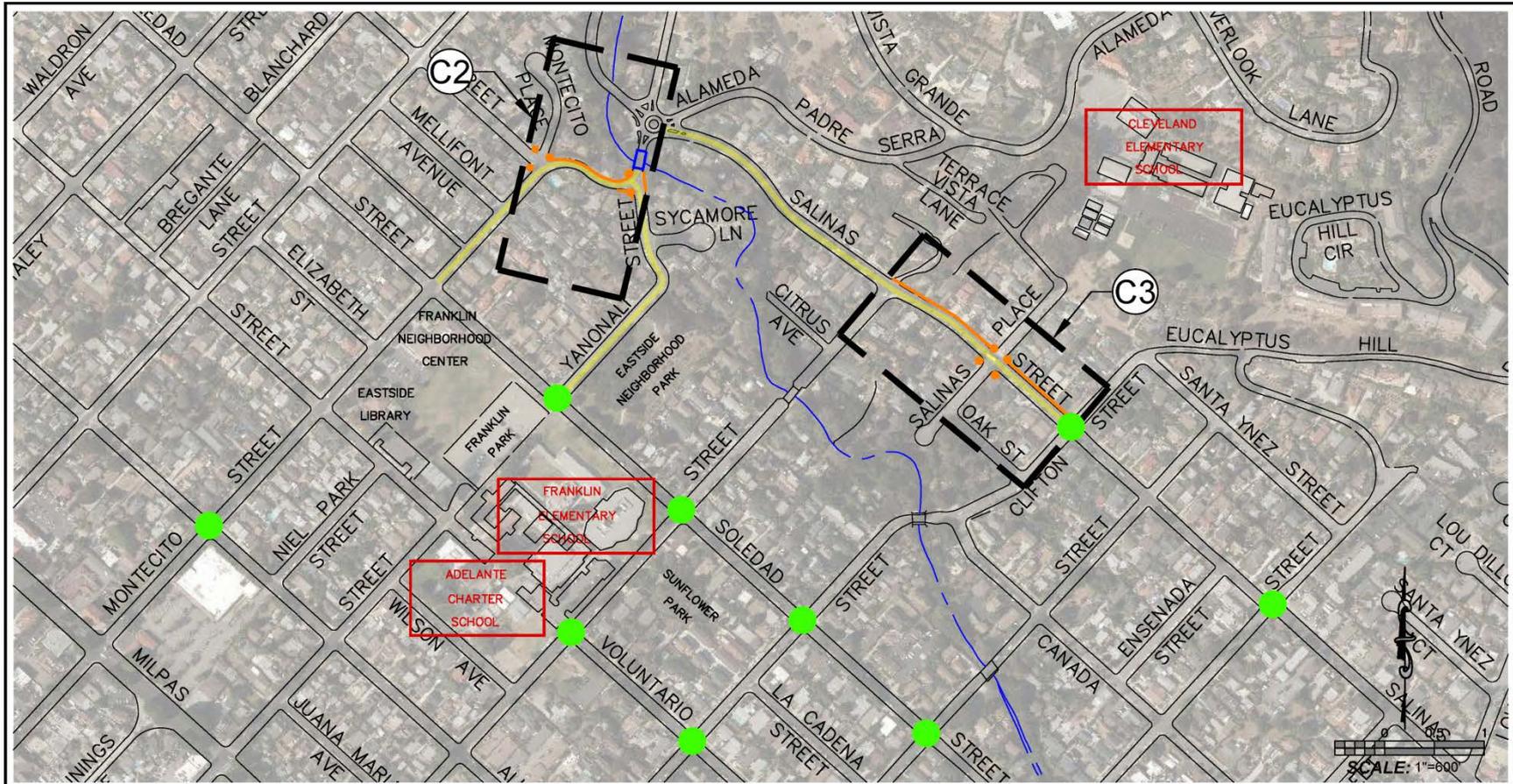
1" = 1400'



Montecito Street Bridge Replacement



Montecito-Yanonali Street Bridge



SITE PLAN

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PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

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MONTECITO-YANONALI BRIDGE REPLACEMENT

SITE PLAN

2014-XXXX
 PERM. NO. C1
 XXXX C1
 BID NO. DWT. DES.
 C-1-XXXX
 DWG. NO.
 DWT. 1 OF 3



Montecito-Yanonali Street Bridge

- ◆ Drake Haglan & Associates was ranked highest of the proposals received
- ◆ Staff recommends council approve awarding the project design services contract to Drake Haglan & Associates

Montecito-Yanonali Street Bridge

Questions?

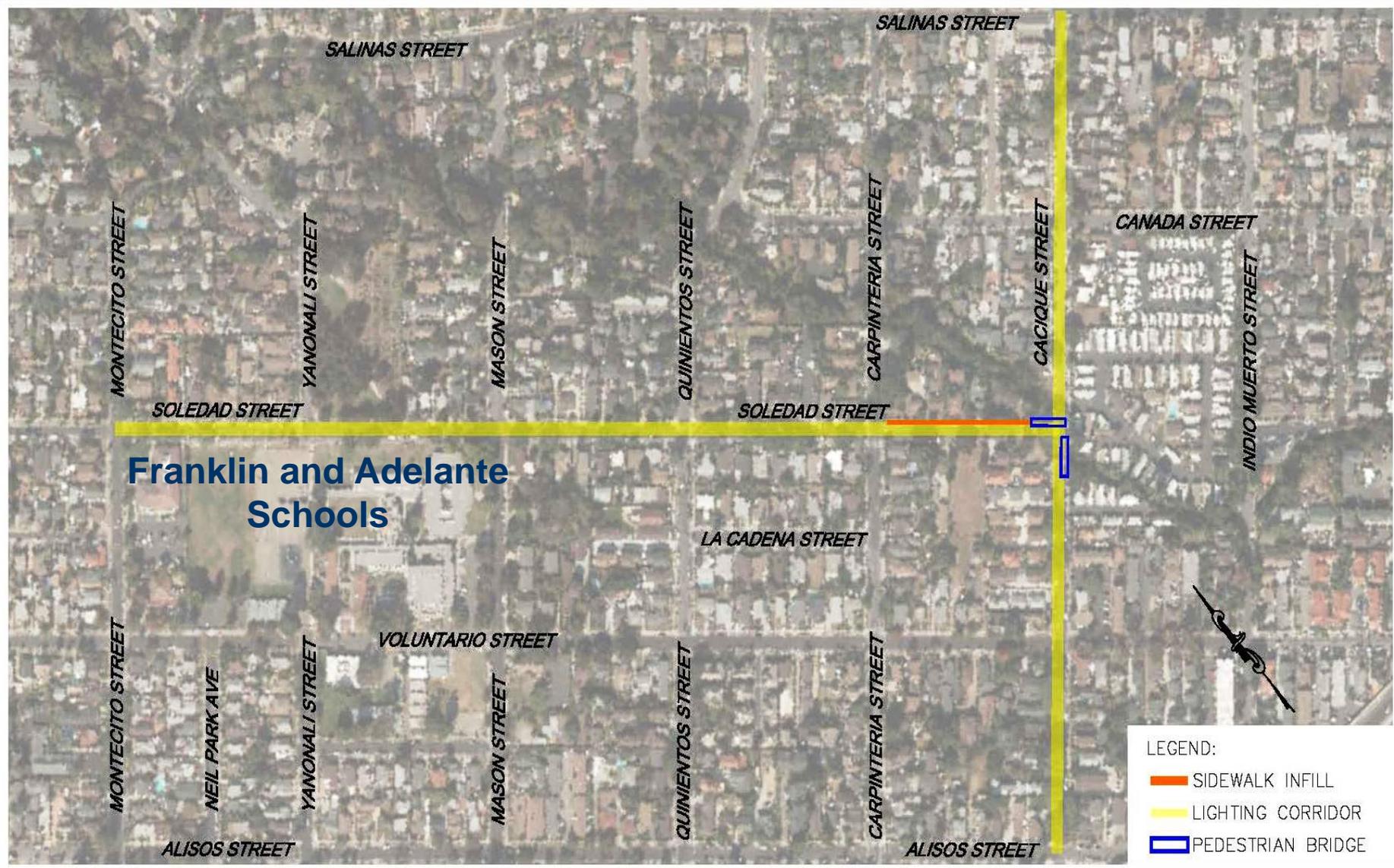




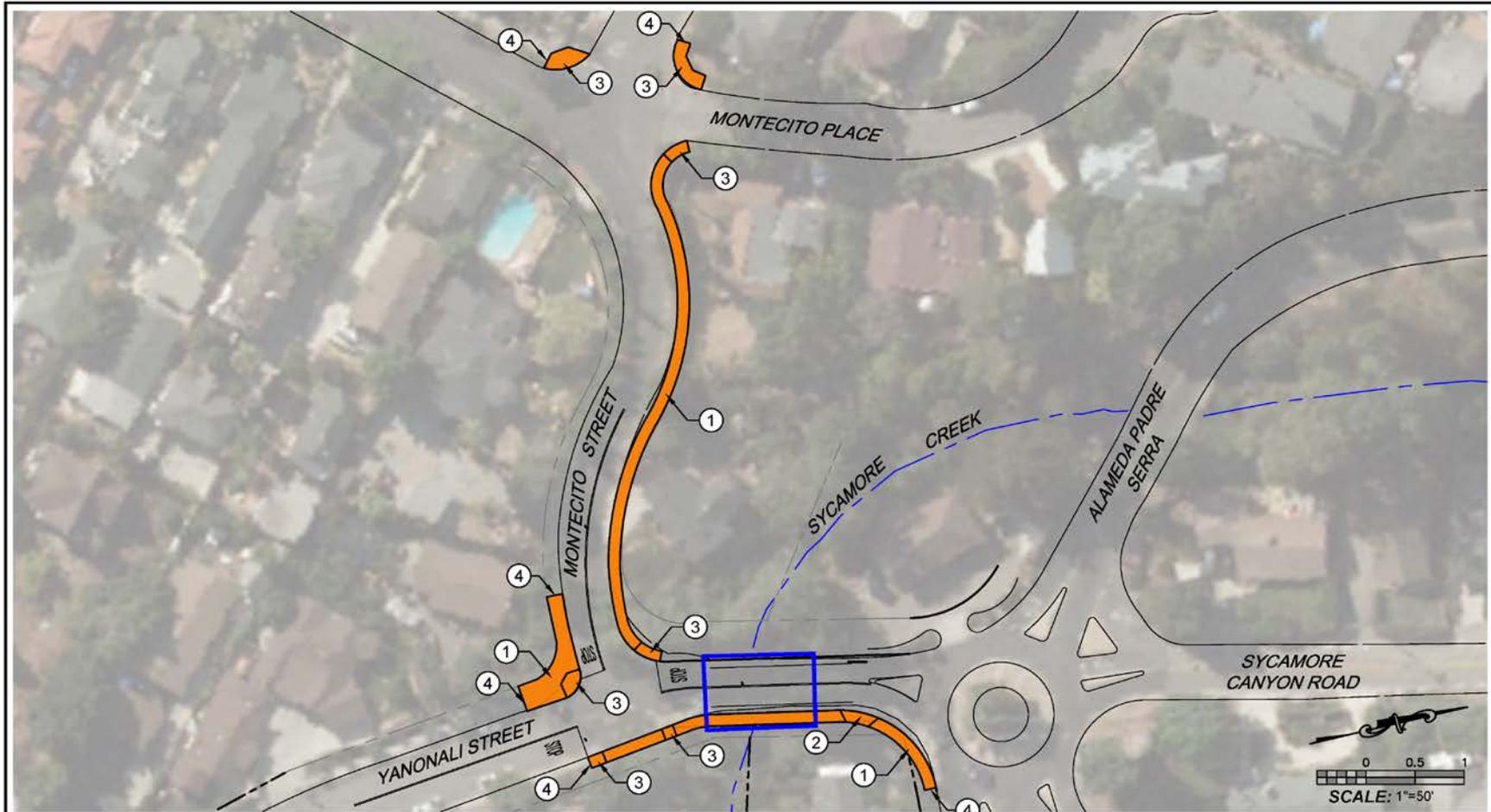
Lower Milpas Street and Calle Puerto Vallarta Sidewalk & Lighting



Cacique and Soledad Ped/Bike Bridges and Corridor Improvements



Montecito-Yanonali Street Bridge



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ENGINEERING DIVISION

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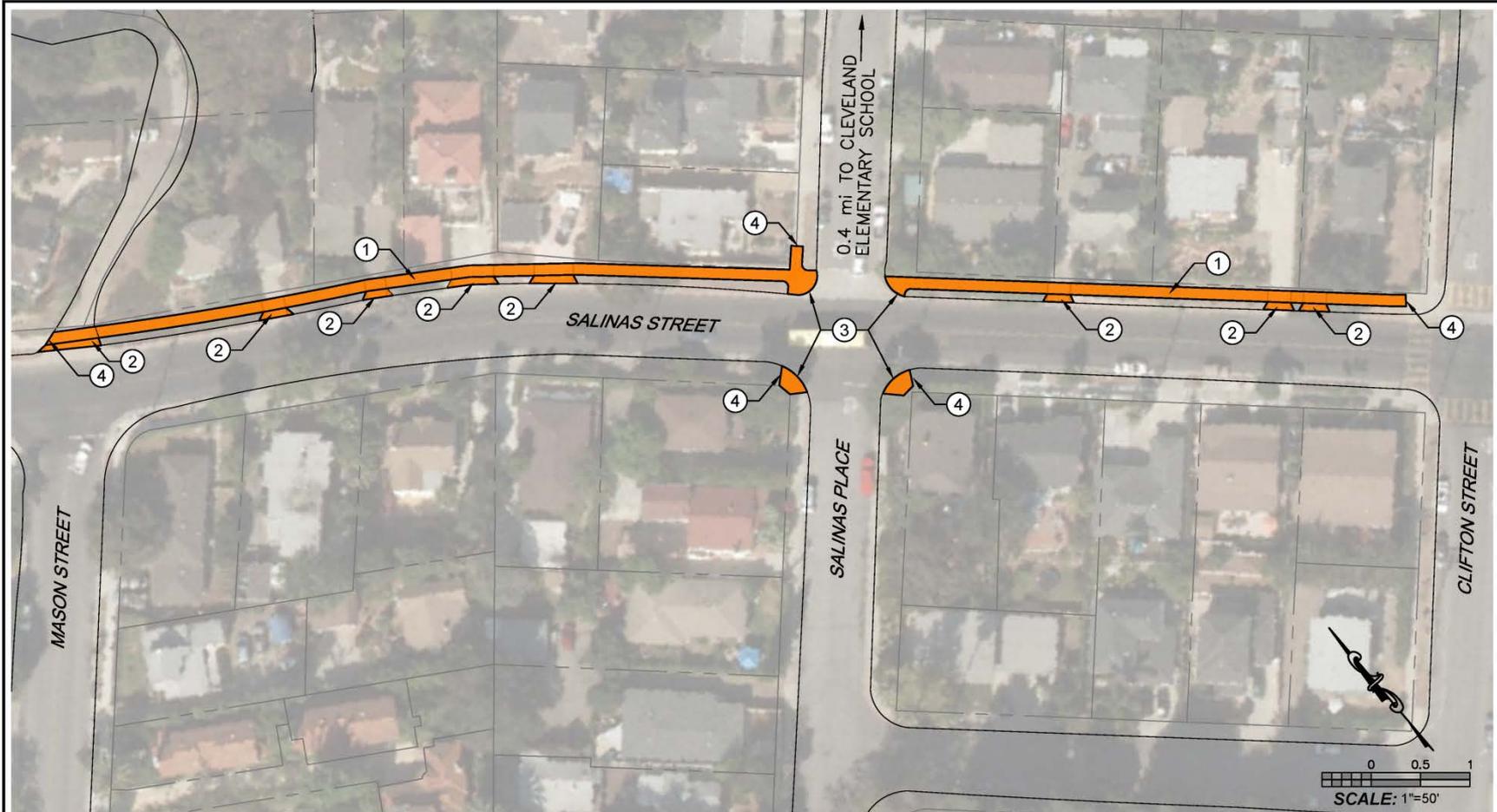
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APPROVED	CITY ENGINEER	DATE

MONTECITO-YANONALI BRIDGE REPLACEMENT
MONTECITO STREET
AT YANONALI STREET

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 SHEET NO. 2 OF 3

Montecito-Yanonali Street Bridge



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				ORIGINAL NUMBER	DATE

MONTECITO-YANONALI BRIDGE REPLACEMENT
SALINAS STREET
 FROM MASON ST TO CLIFTON ST

2014-XXXX	
XXXX	C3
C-1-XXXX	
3	3

