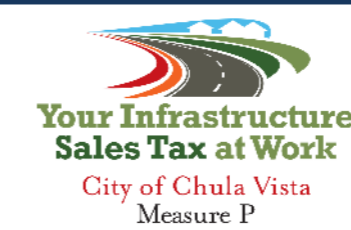


**City of Chula Vista
Fire Station
No. 9**

**City of Chula Vista
Fire Station
No. 5**





Introduction & Agenda

- Overview of the projects
- Schedule and budget update
- Site selection process
- Functional overview
- Design overview
- Station 9 - Site layout and necessary closures to adjacent roadways

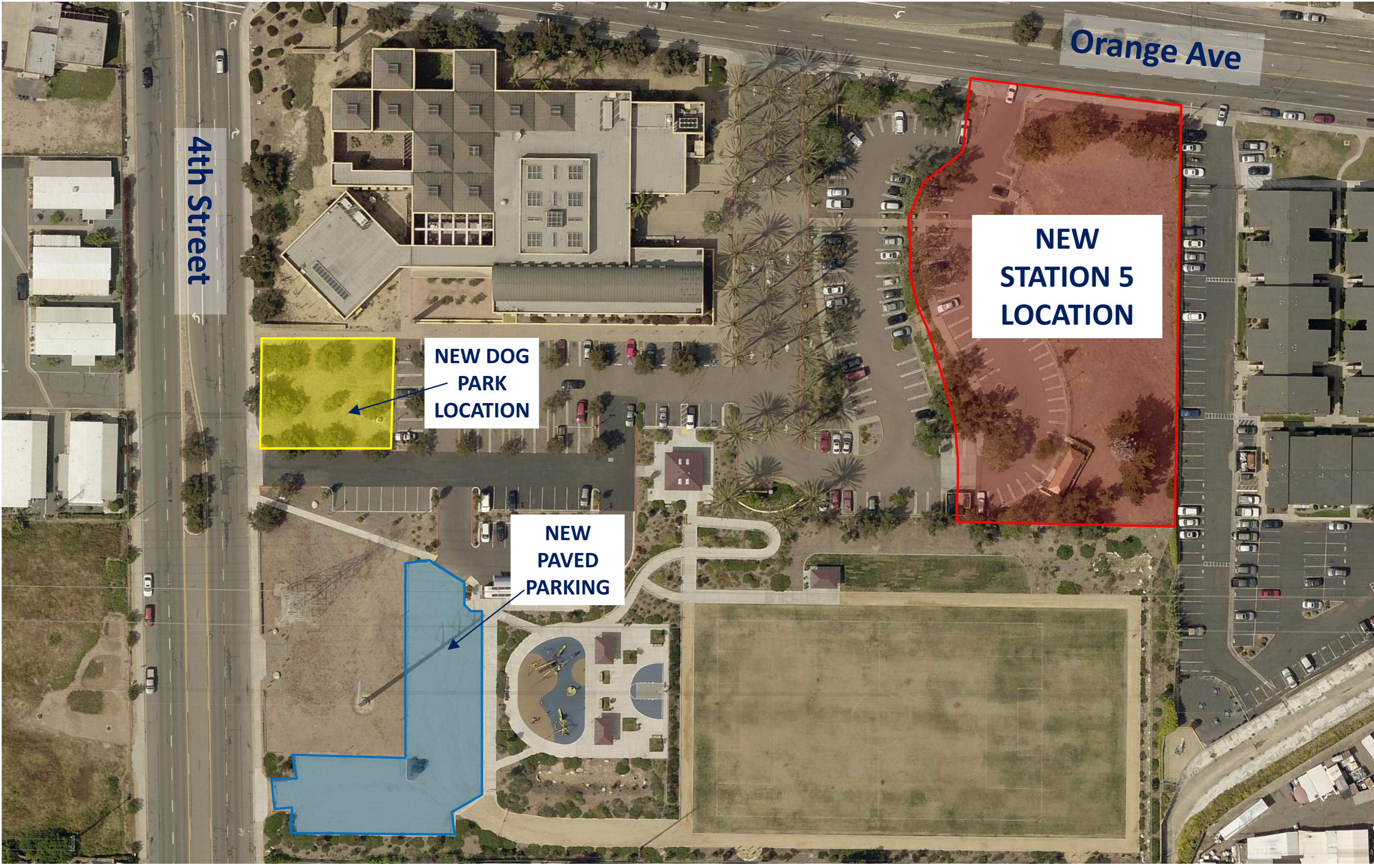
Orange Ave

4th Street

**NEW
STATION 5
LOCATION**

**NEW DOG
PARK
LOCATION**

**NEW
PAVED
PARKING**





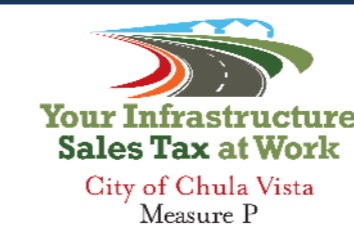
Moss Street

NEW STATION 9 LOCATION



Naples Street

Third Avenue

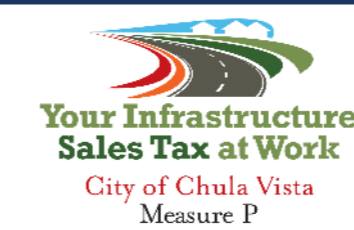


Fire Station 5

- 8 Bunk Rooms
- 3 Apparatus Bays
- 12,310 Square Feet
- Traffic signal-controlled exit onto Orange Ave.
- Architectural design to Complement South Library

Fire Station 9

- 8 Bunk Rooms
- 4 Apparatus Bays
- 13,080 Square Feet
- Traffic signal-controlled exit onto Naples St.
- Site encompasses closing portions of Moss St. and Alpine Ave.



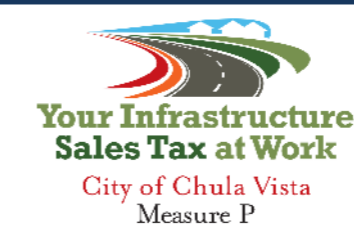
SCHEDULE

Fire Station 5

- Begin Design - March 2019
- Break Ground – February 2020
- Grand Opening – February 2021

Fire Station 9

- Begin Design - March 2019
- Break Ground – March 2020
- Grand Opening – April 2021

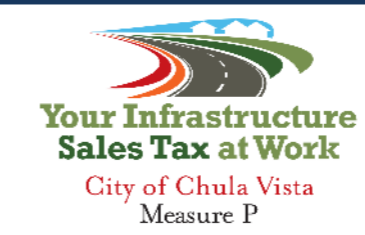


Design and Construction Costs

Fire Station 5 - \$9.0M

Fire Station 9 - \$8.9M

Total- \$17.9M



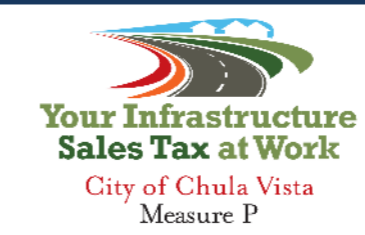
Fire Stations 5 & 9 Re-location

Table 8: Relocated Station 5 & 9

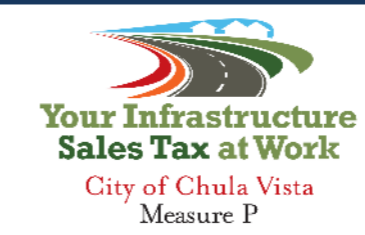
CVFD Measures	Relocated St. 5 & 9		% Change From Current to Relocated 5 & 9	% Change From Baseline Performance
	Incident Average	Incident Percent		
ALS – 1 st unit in 7 mins, 90%	5:46	80.24%	0.10%	0.10%
IAF - 1st unit (E, 4FF) in 7 mins, 90%	6:34	70.10%	1.57%	17.25%
ERF – 14 FF in 10:20, 90%	10:16	46.05%	-0.25%	8.04%

*Includes 4-0 staffing at Stations 1, 2, 5 and 7.

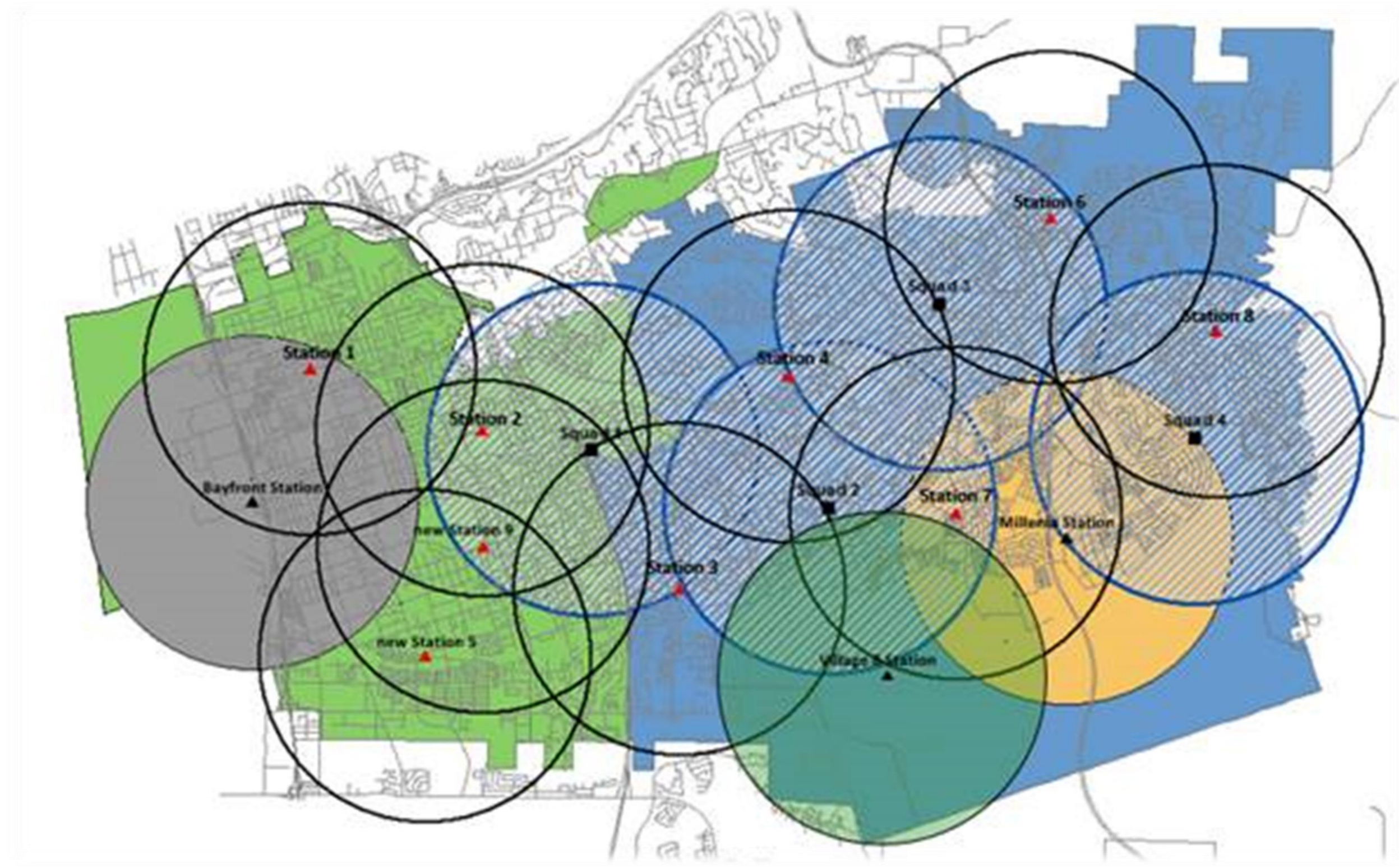
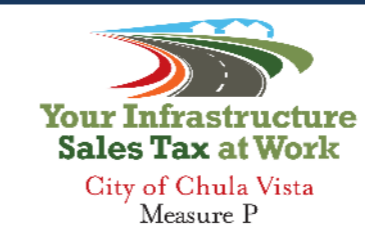
CITY OF CHULA VISTA
FIRE STATIONS 5 & 9 REPLACEMENT PROJECT
CIP: GG230



CITY OF CHULA VISTA FIRE STATIONS 5 & 9 REPLACEMENT PROJECT CIP: GG230



CITY OF CHULA VISTA
FIRE STATIONS 5 & 9 REPLACEMENT PROJECT
CIP: GG230





Fire Station 5



Fire Station 5

Design Overview

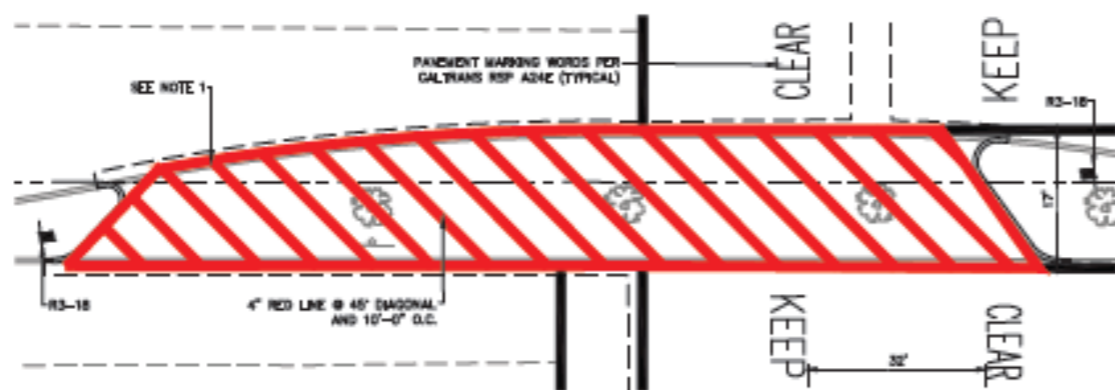
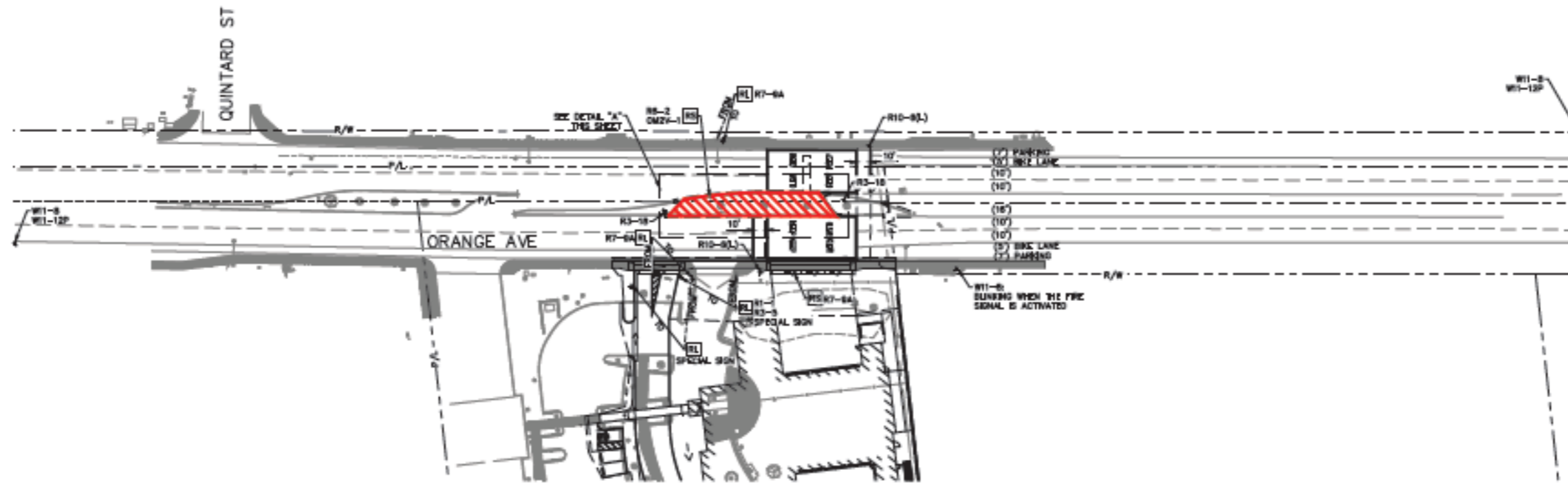
Fire Station 5 Site Plan



- 1 BUILDING ENTRY
- 2 PUBLIC ADA PARKING
- 3 SCREENED TRASH + RECYCLING AREA
- 4 PERSONNEL GATE
- 5 SECURITY FENCE
- 6 GENERATOR
- 7 PATIO
- 8 PERSONNEL PARKING (20 SPACES)
- 9 FUEL TANK
- 10 ROLLING SECURITY GATE
- 11 TRANSFORMER
- 12 HOSE DRYING RACK
- 13 SCREEN WALL AT GENERATOR AREA
- 14 LIBRARY TRASH ENCLOSURE
- 15 EXISTING CONCRETE WALKWAY
- 16 EXISTING LIBRARY
- 17 MEDIAN IMPROVEMENTS
- 18 BIORETENTION BASIN
- 19 FIRE STATION SIGNALING + STRIPING
- 20 SITE RETAINING WALL

- PROPERTY LINE
- SETBACK/EASEMENT LINE
- SECURITY FENCE
- CONCRETE WALKS
- CONCRETE DRIVE
- ROCK MULCH
- BIORETENTION BASINS
- SPREADING RUSH
- PLANTING + GROUND COVER
 - AGAVE
 - BLUE LYNE GRASS
 - DEER GRASS
 - ROSEMARY
 - ORCHID ROCKROSE
 - LITTLE SUR COFFEEBERRY
- EXISTING TREES
- TREES
 - PAILO VERDE
 - SHOESTRING ACACIA

STREET IMPROVEMENTS



DETAIL "A"
 SCALE: 1"=10'

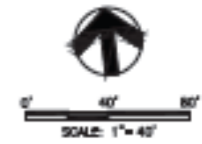
SIGN LEGEND



CONSTRUCTION NOTES (SEE SHEET 0813)

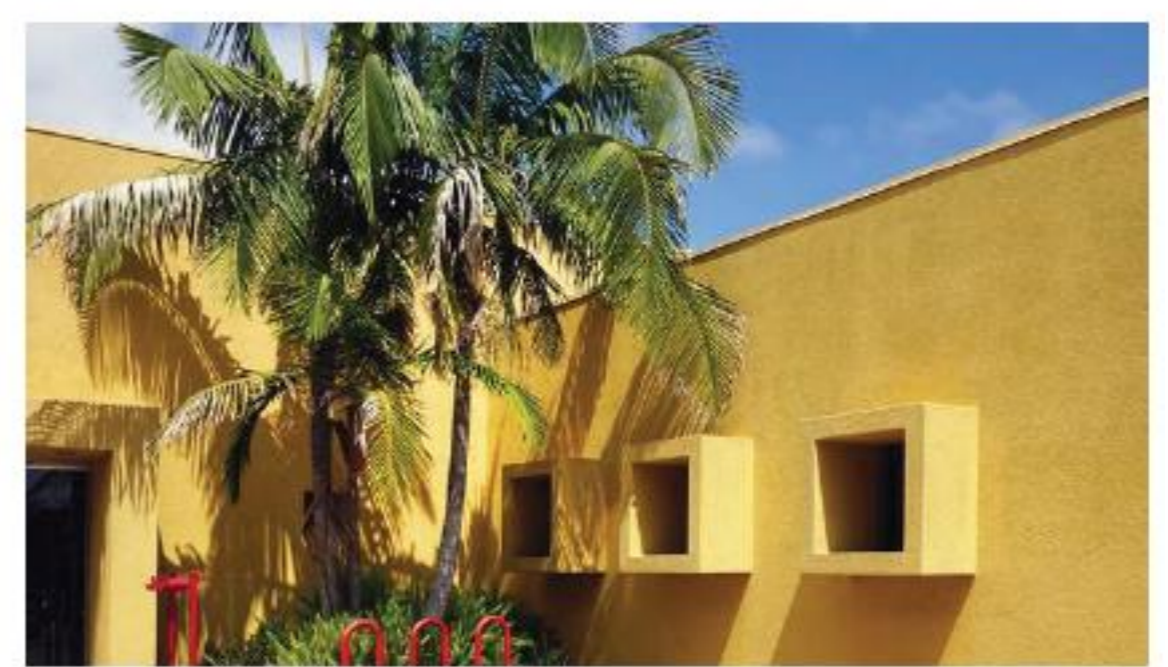
- 1. CONTRACTOR SHALL REMOVE EXISTING STRIPING BY SANDBLASTING. CONTRACTOR SHALL REMOVE ALL SIGNS AT THE END OF EACH WORK DAY.
- 2. REMOVE AND SALVAGE EQUIPMENT.
- 3. RELOCATE EQUIPMENT AS SHOWN.

NOTES:
 1. THIS AREA FOR FIRE TRUCKS ONLY



DESIGN INTENT | RFP DIRECTION

- RFP DIRECTION
 - » “THE EXISTING ADJACENT SOUTH CHULA VISTA LIBRARY WAS DESIGNED BY RICARDO LEGORRETA. NEW FIRE STATION 5 DESIGN SHALL COMPLEMENT AND REFLECT THIS ARCHITECTURAL CONTEXT.”
- PROJECT EXTERIOR/SITE GOALS
 - » CREATE A CAMPUS - INCLUSIVE OF THE LIBRARY, ORANGE PARK AND FIRE STATION 5
 - » DESIGN A BUILDING WITH CIVIC PRESENCE THAT REFLECTS THE LOCAL NEIGHBORHOOD CONTEXT



DESIGN INSPIRATION

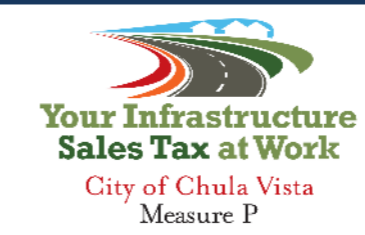
RICARDO LEGORRETA



- INTRODUCED MEXICAN MODERNISM TO A GLOBAL AUDIENCE
 - » MANY CREDIT LEGORRETA WITH “RESCUING” MEXICAN ARCHITECTURAL IDENTITY DURING THE TWENTIETH CENTURY.
- “SOUL” OF WORK REFLECTED IN ART AND CULTURE OF MEXICO
 - » GEOMETRY OF AZTEC AND MAYAN PYRAMIDS
 - » VIVID COLOURS WORN BY MEXICO’S INDIGENOUS PEOPLE
 - » THE IMPRINT OF THE SPANISH CONQUISTADORES, INCLUDING THEIR OWN MASSIVE INFLUENCE FROM THE MUSLIM MOORS OF NORTH AFRICA

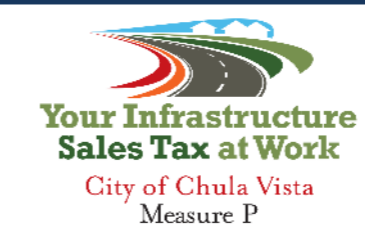
PROPOSED DESIGN | WEST ELEVATION





PROPOSED DESIGN | NORTH ELEVATION





PROPOSED DESIGN | SOUTH ELEVATION

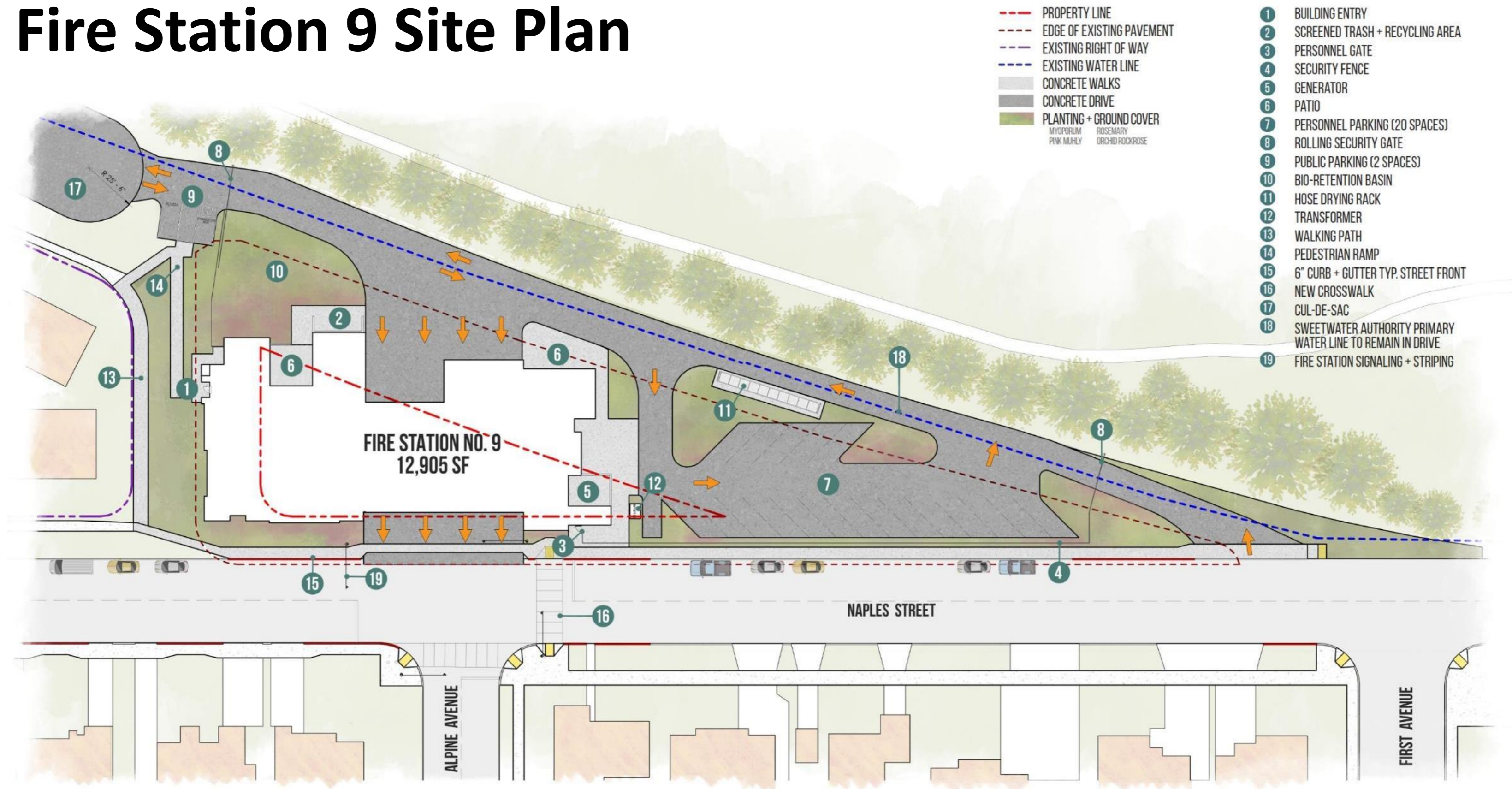


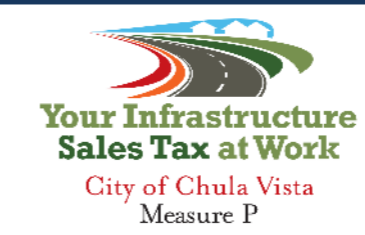


Fire Station 9

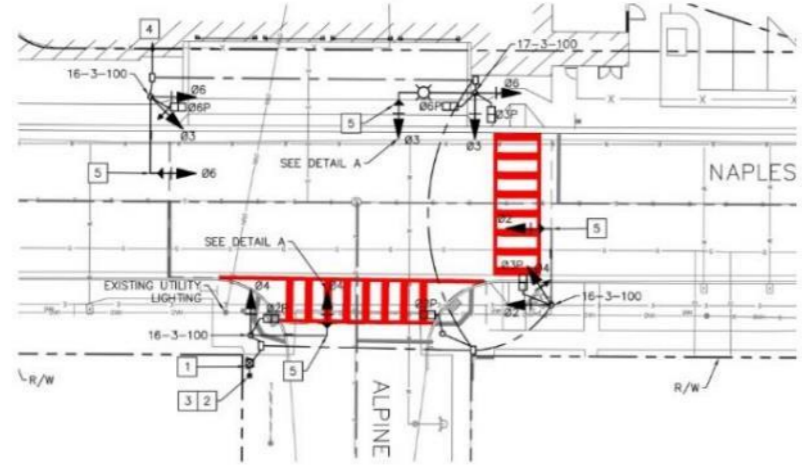
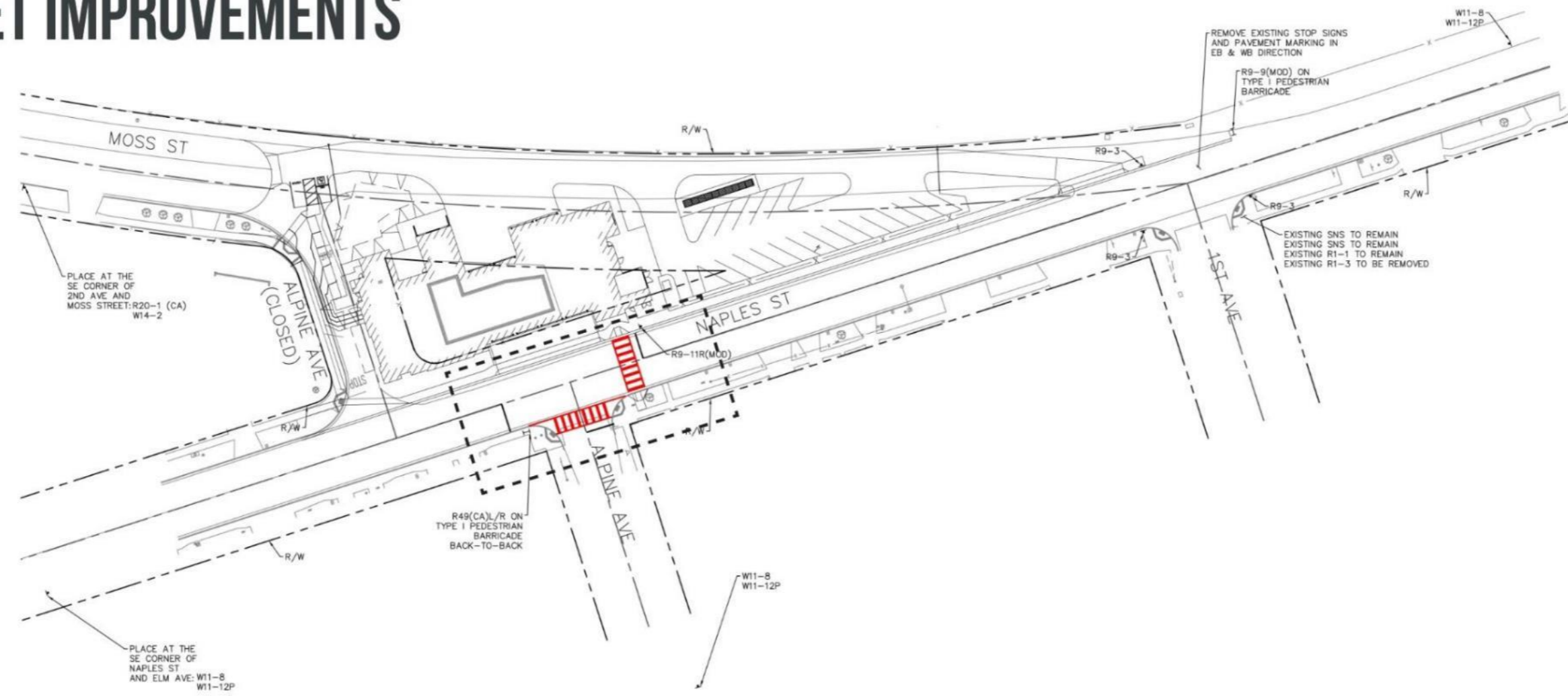
Design Overview

Fire Station 9 Site Plan

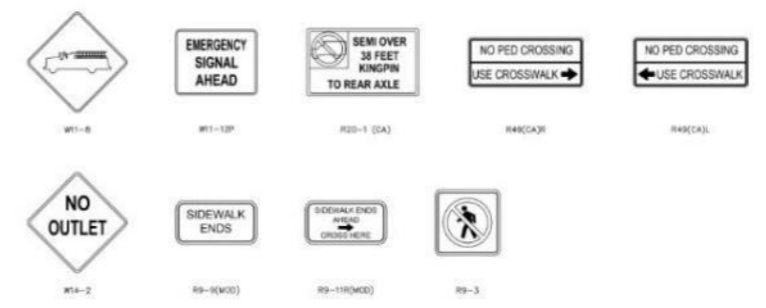




STREET IMPROVEMENTS



- CONSTRUCTION NOTES:**
- FURNISH AND INSTALL MODEL 332 CABINET ON NEW FOUNDATION PER CALTRANS RSP ES-3C.
 - FURNISH AND INSTALL TYPE III-BF SERVICE AND FOUNDATION PER CALTRANS RSP ES-2E AND SDG&E REQUIREMENTS. PROVIDE: 100A, 240V 2P CB (MAIN)
50A, 120V 1P CB (SIGNAL)
30A, 240V 2P CB (LIGHTING)
 - TO SDG&E SERVICE POINT TBD.
 - FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON SWITCH IN FIRE STATION AS APPROVED BY THE ENGINEERING DEPARTMENT.
 - FURNISH AND INSTALL EMERGENCY VEHICLE PRE-EMPTION DETECTOR, HARDWARE AND CABLE PER CVCS TRF-06.
 - FURNISH AND INSTALL WIRELESS RADIO WITH ANTENNA FOR SIGNAL INTERCONNECT FOR CONNECTION TO EXISTING FIBER TRUNKLINE AT INTERSECTION OF NAPLES ST/4TH AVE.



CITY OF CHULA VISTA
FIRE STATION NO. 9

SOUTH ELEVATION

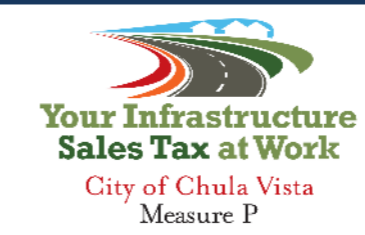


VIEW FROM NAPLES STREET



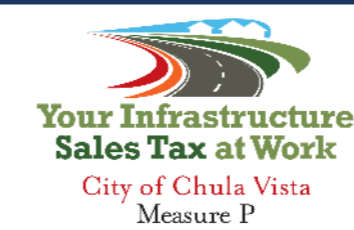
VIEW FROM MOSS STREET CUL-DE-SAC





VIEW FROM NAPLES STREET



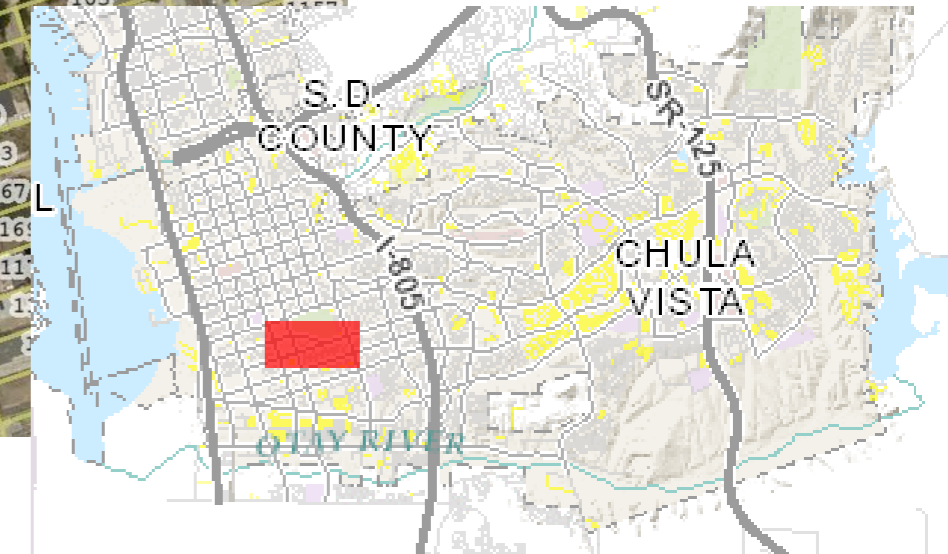
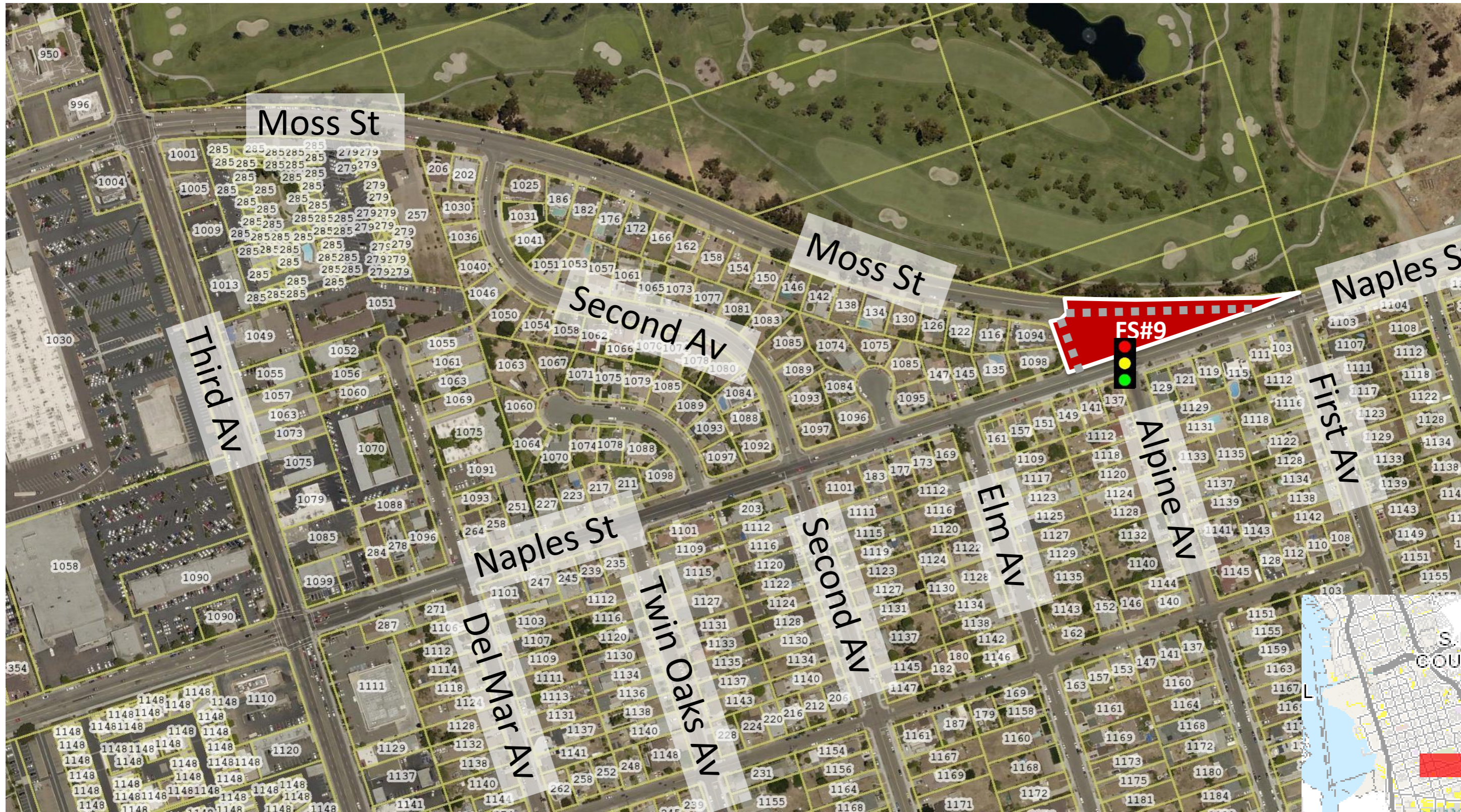


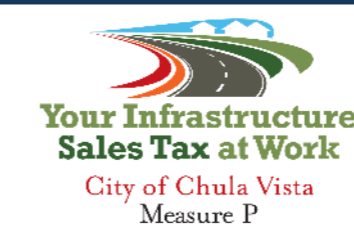
Fire Station 9

Road Closures and

Traffic Impacts

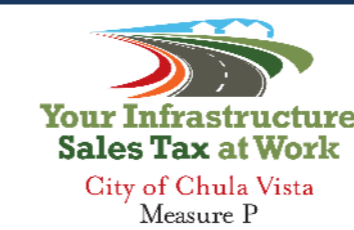
Fire Station No. 9 Location





Staff Recommendation

- Approve the resolution to close the segment of Alpine Avenue between Naples Street and Moss Street, and allow use of lands for Fire station purposes.
- Approve the resolution to close the segment of Moss Street between Alpine Avenue and Naples Street, and allow use of lands for Fire station purposes.
- Approve the associated resolutions that allow the use of lands occupied by the closed streets (if approved) for Fire station purposes.



Next Steps

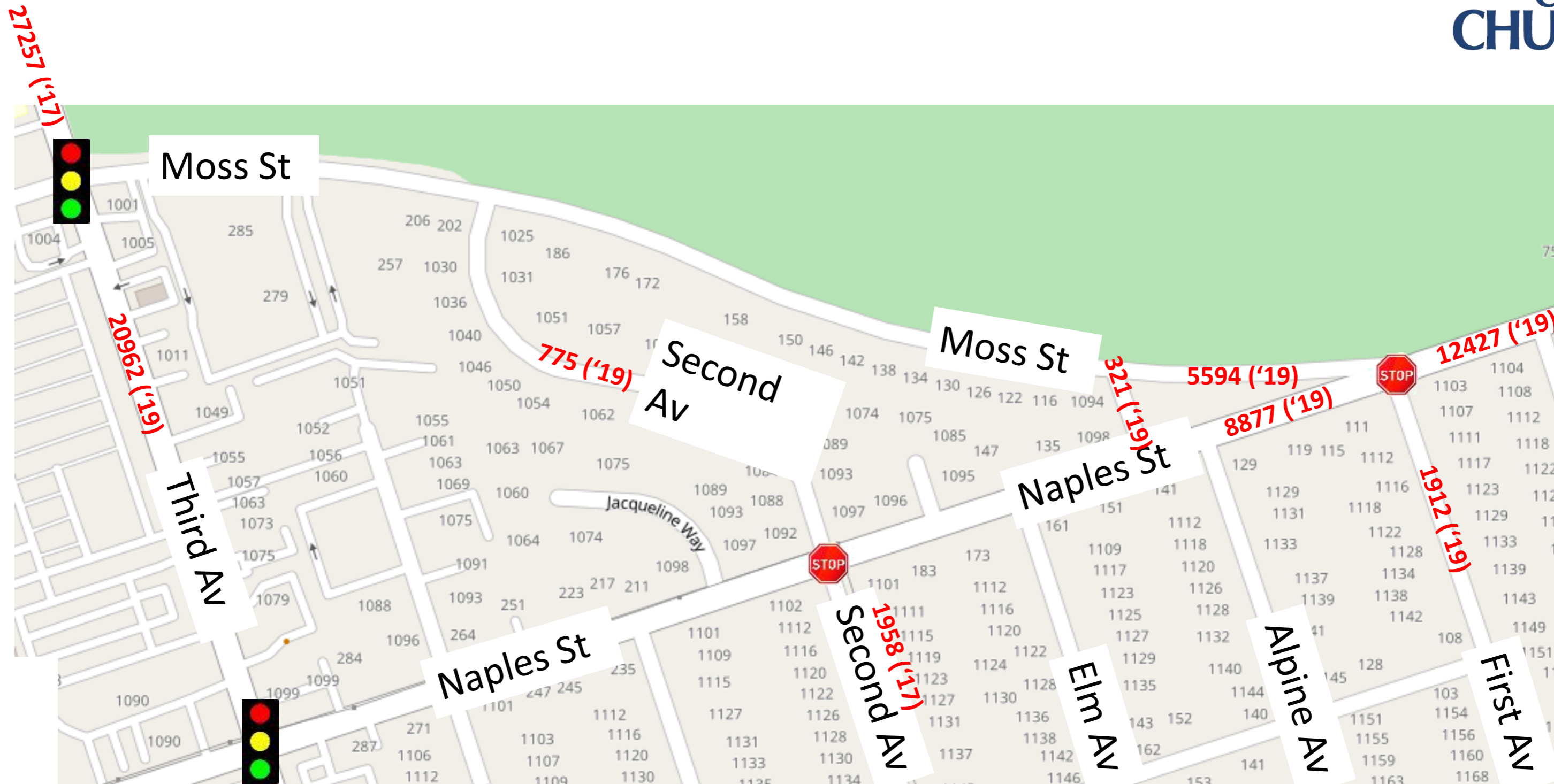
- The Design Builder is in process of bidding the project to subcontractors.
- Subcontractor bids will be received December 11, 2019
- Bids will be evaluated, and a Guaranteed Maximum Price (GMP) will be developed by the Design Builder and the City.
- Provided an agreement can be reached on the GMP, staff will bring a resolution to proceed with the construction phase contract in January.
- Construction will commence following the authorization to proceed with the construction phase contract.



QUESTIONS?



Traffic Flow (ADT)

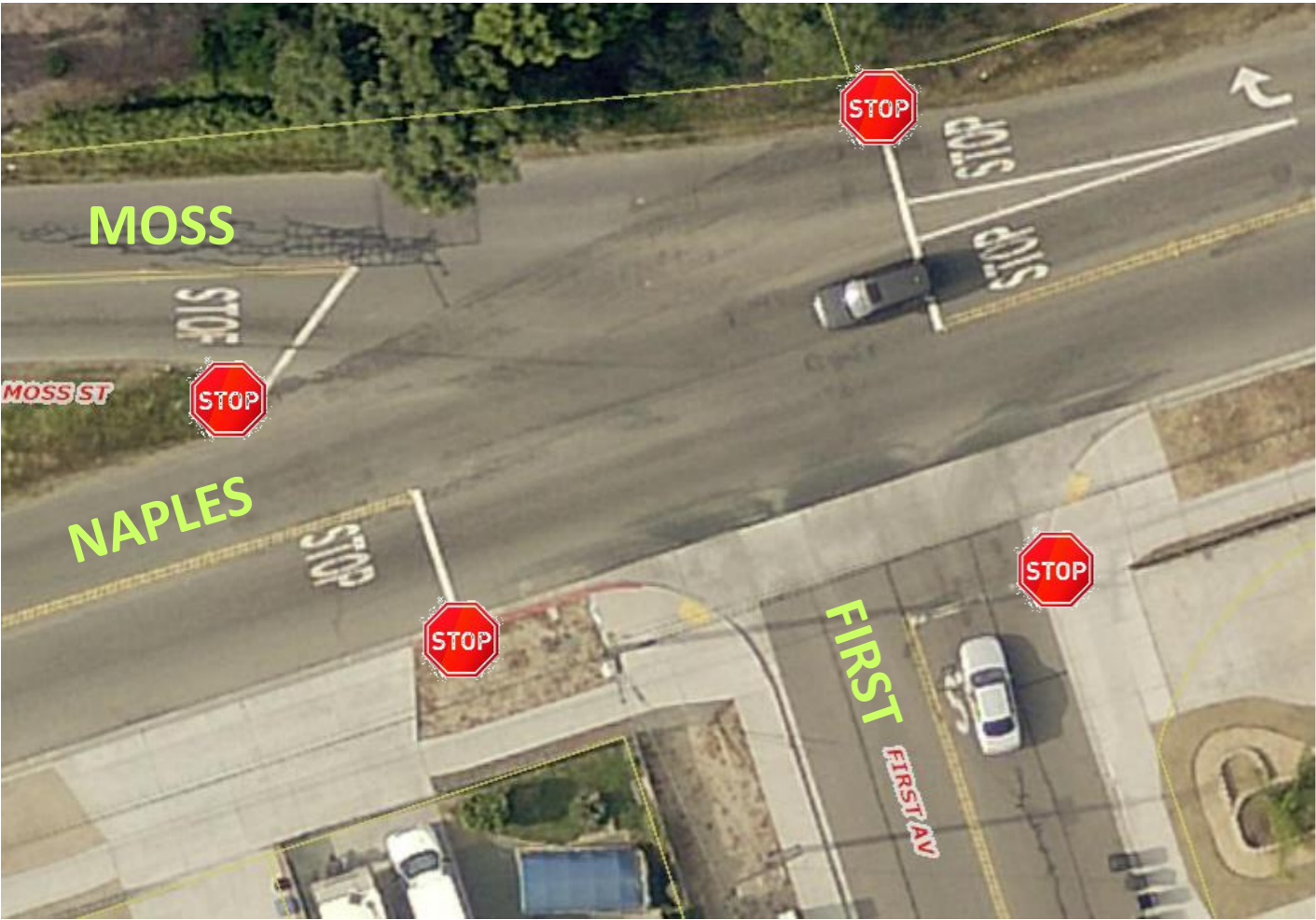


Traffic Signal

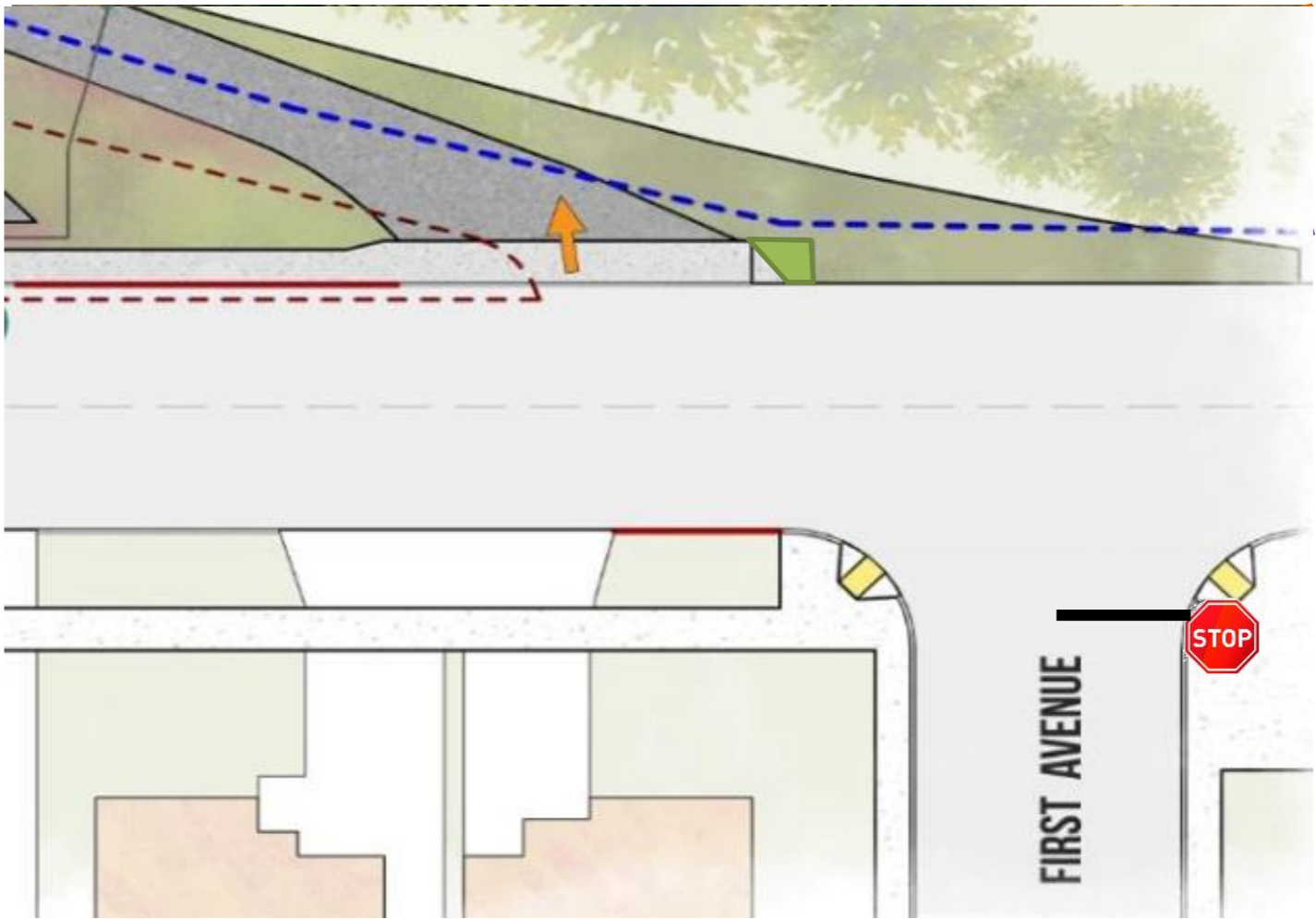


All-way Stop

Naples/First Intersection

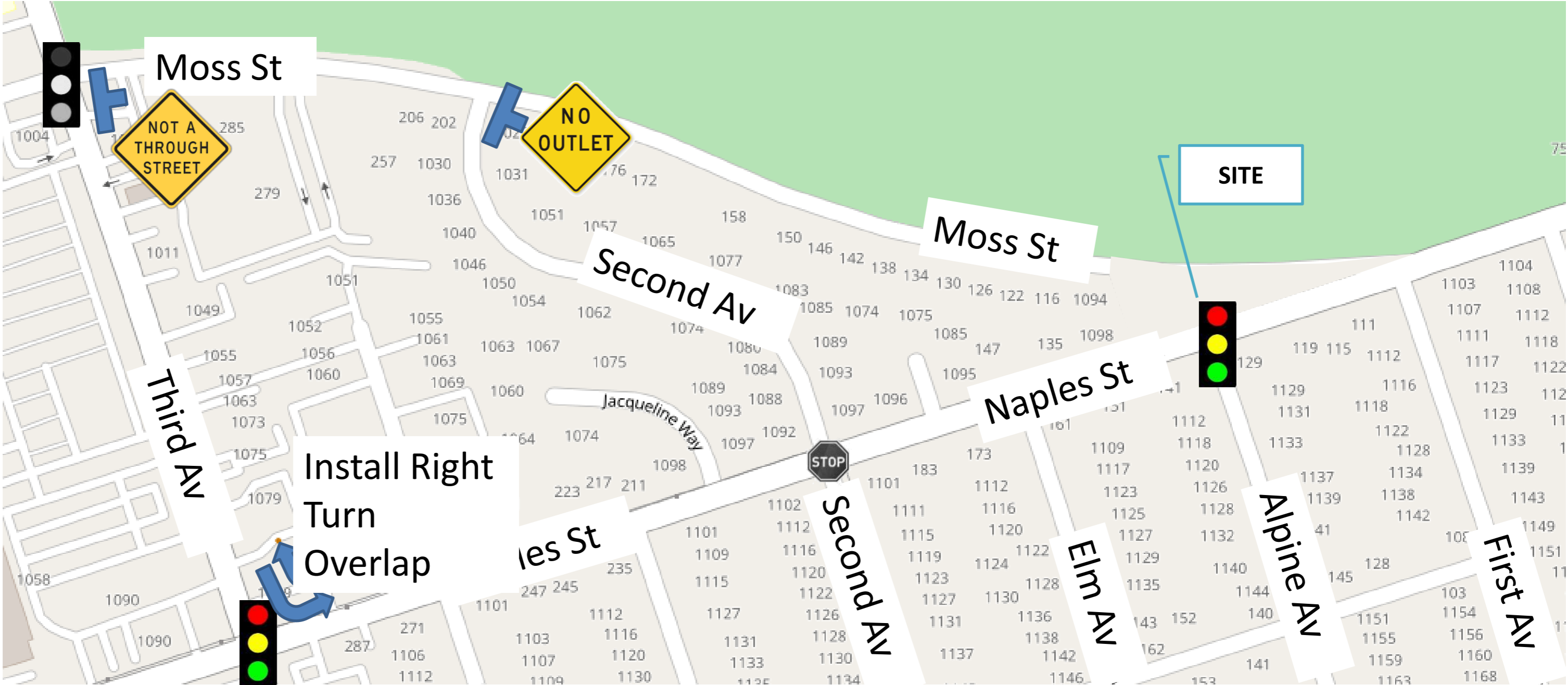


Existing Condition



Proposed Condition

Proposed Improvements Phase I



Proposed Improvements Phase II

