



SAN BRUNO RECREATION & AQUATIC CENTER

City Council Update

February 14, 2023





AGENDA

1. Construction Update and Look Ahead Schedule

a) Project Information Update

b) Completed To Date (Creek and City Park Way Update)

c) Schedule Update (Public Outreach)

d) Change Order Report / Budget Update

e) What's Happening Next 30 Days and Beyond?

f) Other Related Projects Update

I. Solar PV Update

II. City Parkway and Crystal Spring Intersection

2. Questions

Construction Update and Look Ahead Schedule



PROJECT INFORMATION



Start Date: September 2021



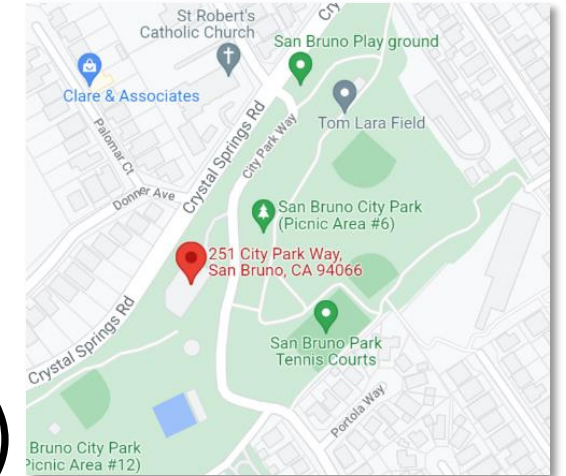
Project Completion: Fall 2023



Estimated Cost Completed To Date: 52.18% (January 2023)



EarthCam Link: https://share.earthcam.net/RecCenterBuild/rec_center_build/camera/view_1



Multivista Aerial Photo on 10/12/22



Multivista Aerial Photo on 02/06/23

Construction Update and Look Ahead Schedule

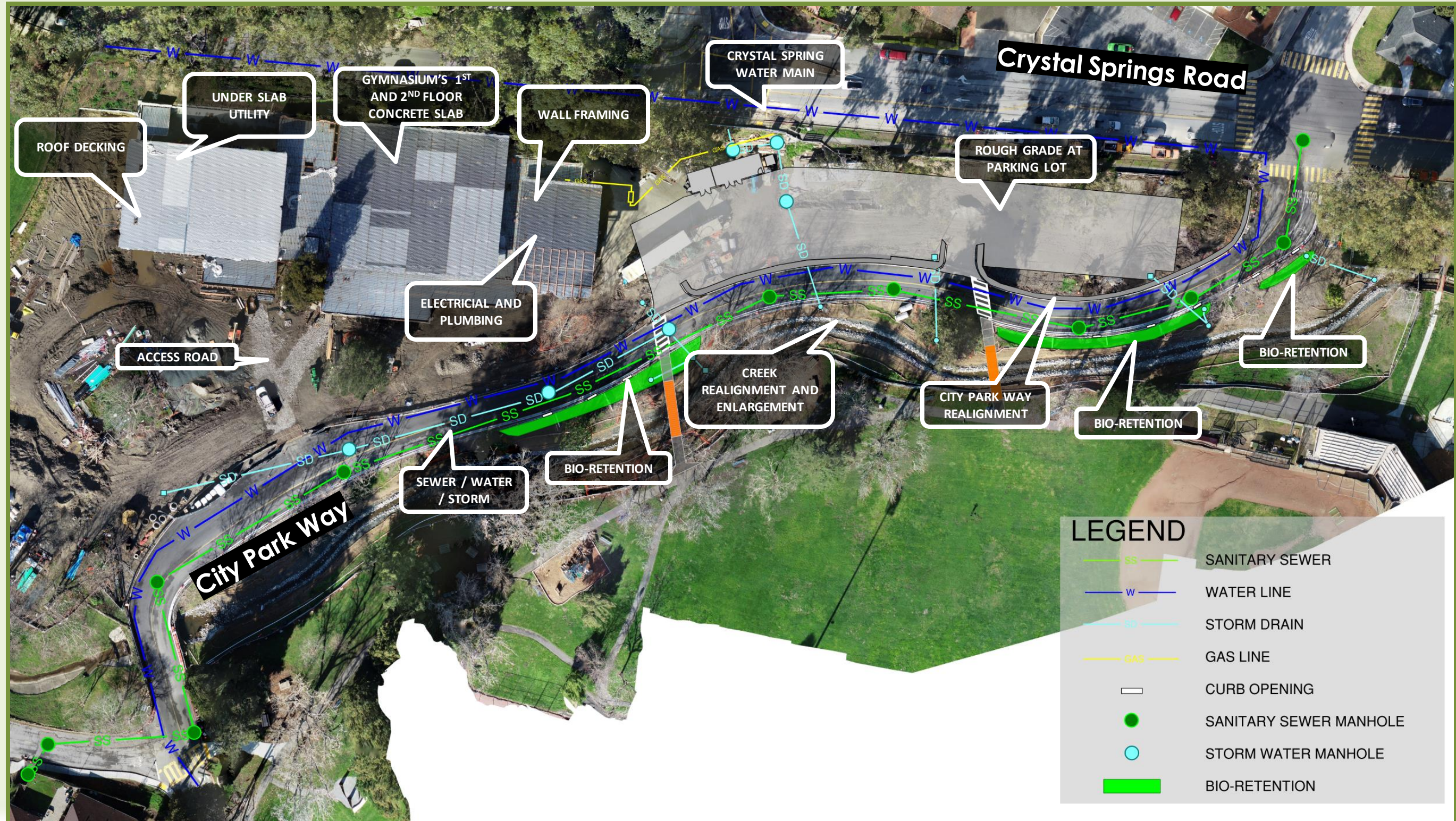


COMPLETED TO DATE - Recap of Field Activities

<u>MONTH</u>	<u>SCHEDULED ACTIVITY</u>	<u>COORDINATION</u>	<u>CHALLENGES</u>	<u>COMPLETED</u>
OCT	City Park Way road closure, Steel Framing, Roofing and Decking Continue underground utility (sewer) installation, Complete Creek Reconstruction	Design Team, Arborist, Public Outreach, Google Navigations	Unforeseen Obstruction October 15 Creek Deadline	Completed
NOV	City Park Way – concrete work, completed the new 10” water line, remove temporary water line bypass, and restarted the sewer line, poured concrete slab on the 2nd floor of the Gymnasium	Design Team, The City, Contractor	City Parkway Utility conflict and Rain	Completed
DEC	Sewer line installed, completed City Park Way reconstruction, temporary striping, installed temporary street lighting, City Park Way re-opening, poured 1st floor slab, and started mechanical work at the 2nd floor	The City, Public Outreach, Contractor,	City Park Way Reopening Storm and isolated flooding	Completed
JAN	Completed the 1st floor gymnasium slab, continue 1 st floor and 2 nd floor overhead plumbing, mechanical hangers and pipe, begin 2 nd floor wall framing and fire sprinkler pipes	The City, Contractor, Third-party Inspectors	Rain and muddy site conditions at Natatorium (rain impact)	Ongoing
FEB	Started interior framing and HVAC work, off-hauled surplus soil, and started grading parking lot and sidewalk	The City, Contractor, Third-party Inspectors	Rain and muddy site conditions at Natatorium (rain impact)	Ongoing

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (JANUARY)

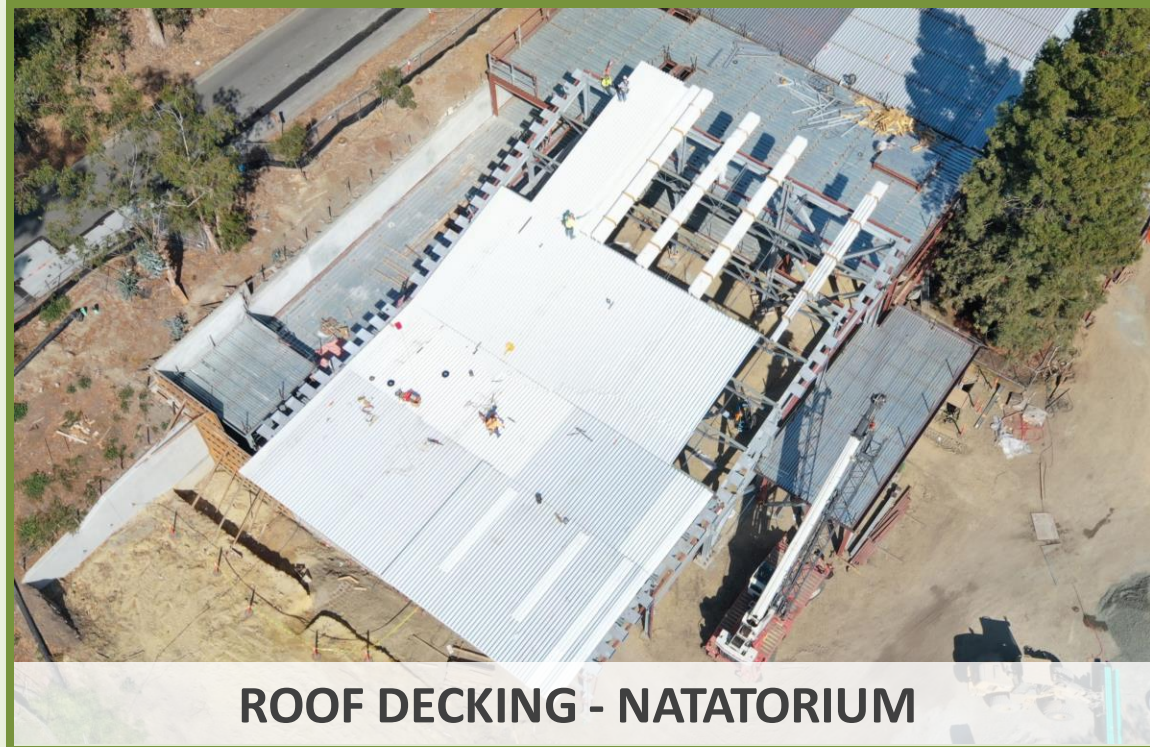


Construction Update and Look Ahead Schedule

COMPLETED TO DATE (OCTOBER)



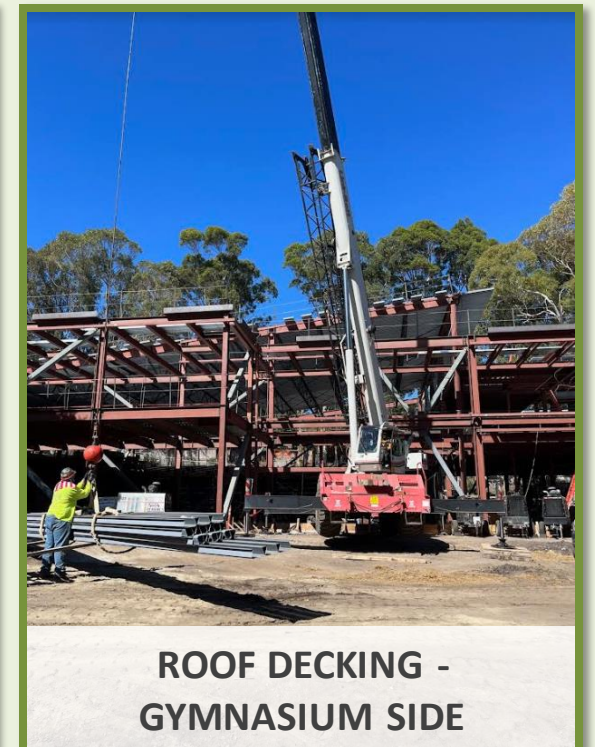
ONSITE UPDATE:



ROOF DECKING - NATATORIUM



WELDING COLUMN-BEAM CONNECTION PLATES



ROOF DECKING - GYMNASIUM SIDE



WALL "A" SHOTCRETE - NATATORIUM



UNDERGROUND ELECTRICAL AND PLUMBING – FIRE SPRINKLER ROOM AND CENTRAL ELECTRICAL ROOM

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (OCTOBER)



OFFSITE UPDATE:



CREEK REALIGNMENT



NEW WATER LINE GOING UNDER EXISTING STORM LINES



BIO-RETENTIONS



CITY PARK WAY ROUGH GRADE

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (NOVEMBER)



ONSITE UPDATE:



RUST PROTECTION - NATATORIUM



RUST PROTECTION – NATATORIUM



WELDING - GYMNASIUM



**2ND FLOOR TOPPING SLAB
- COMMUNITY HALL**



**2ND FLOOR TOPPING SLAB
- CONFERENCE ROOM**



**1ST FLOOR VAPOR BARRIERS
- CLASSROOMS**

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (NOVEMBER)



OFFSITE UPDATE:



**WATER TIE-IN BY DESOTO ROAD
(REMOVED TEMPORARY WATER BYPASS)**



**SEWER LINE
INSTALLATION**



FIRST RAIN EVENT OF THE SEASON



**SEWER MANHOLE
INSTALLATION**



NEW CURB & GUTTER

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (DECEMBER)



ONSITE UPDATE:

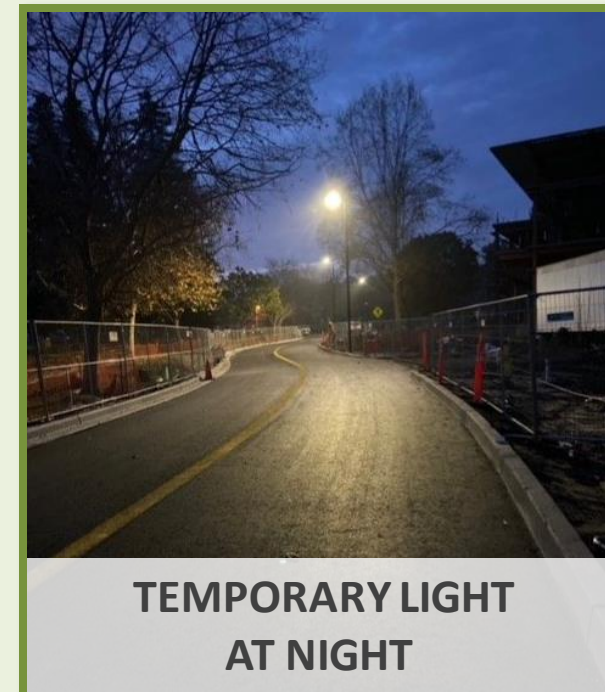
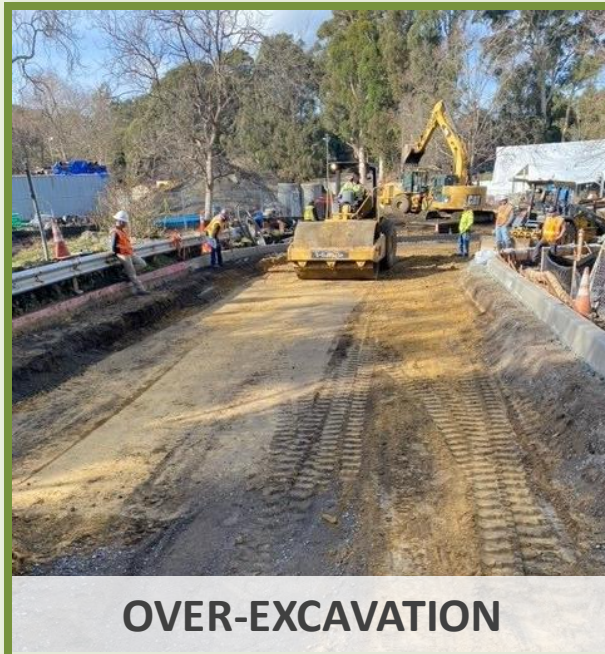


Construction Update and Look Ahead Schedule

COMPLETED TO DATE (DECEMBER)



OFFSITE UPDATE:



Construction Update and Look Ahead Schedule

COMPLETED TO DATE (JANUARY)



ONSITE UPDATE:



WALL FRAMING



MECHANICAL AND PLUMBING

GYMNASIUM



ROOF TRUSS RUST PROOFING



UNDERSLAB UTILITY

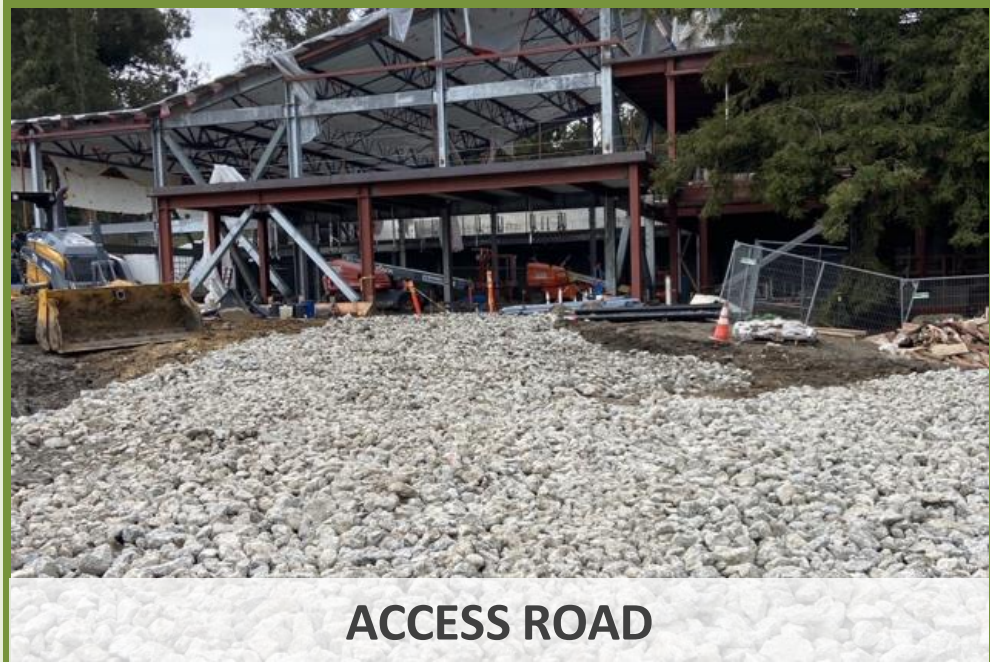
NATATORIUM

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (JANUARY)



OFFSITE UPDATE:



ACCESS ROAD



STORM WATER AND SITE MANAGEMENT



SURPLUS SOIL OFF-HAUL



STARTED PARKING LOT GRADING

Construction Update and Look Ahead Schedule

CREEK UPDATE



PRE - PROJECT CONDITION

POST - PROJECT CONDITION

DECEMBER 2021 RAIN EVENT



DECEMBER 2022 RAIN EVENT



25-YEAR STORM
AT MAXIMUM DEPTH

OVERTOPS CITY
PARK WAY

10-ft WIDE
CONCRETE DITCH
CHANNEL

PROJECT
LIMIT

25-YEAR STORM
AT MAXIMUM DEPTH

CONTAINED
RUNOFFS WITHIN
CHANNEL

26-ft WIDE
DRAINAGE
CHANNEL

PROJECT
LIMIT

- 12/31/22 RAIN EVENT - 25 Year Storm
 - 25-year storm event was contained
 - Significantly reduce overbank inundation area during a 100-year storm event
- Erosion Control Restoration
- Creek Bank Improvements

Construction Update and Look Ahead Schedule



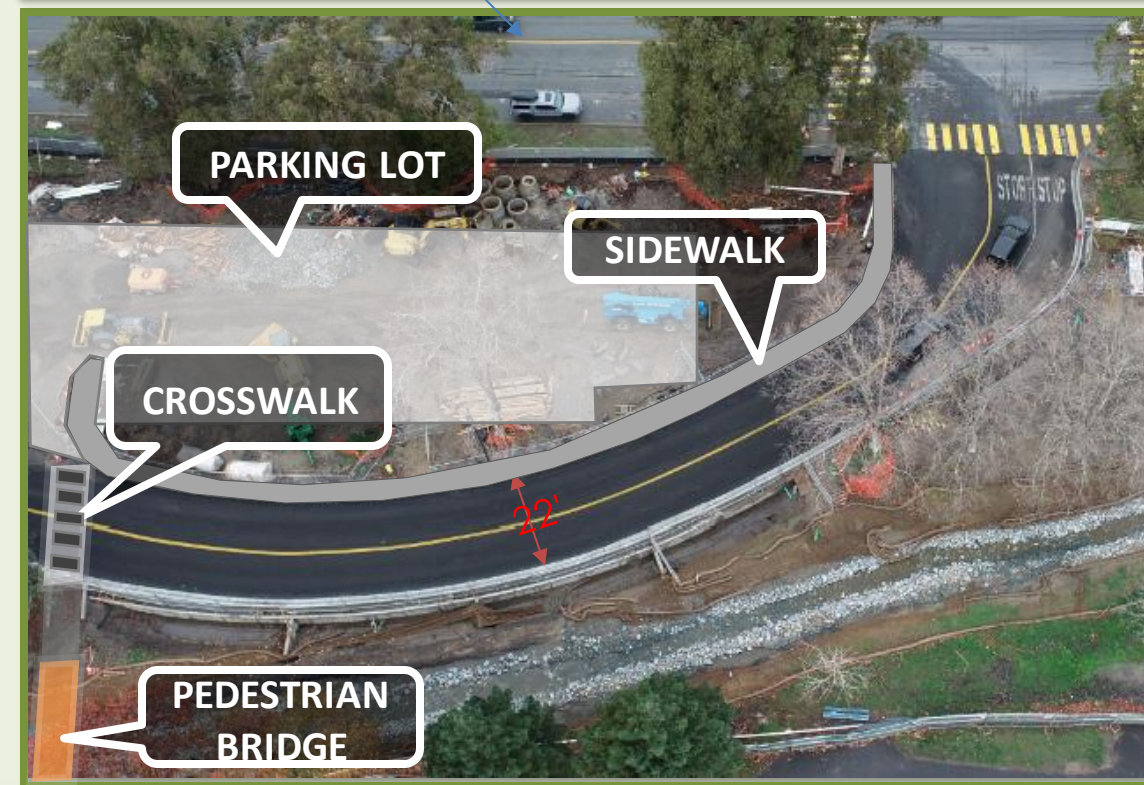
CITY PARKWAY UPDATE

**ROAD OPEN TO PUBLIC ON
DECEMBER 23, 2022**



DAY-TO-DAY ROAD CLOSURES ARE EXPECTED

**CHANGEABLE MESSAGE BOARD
- NOTIFY THE PUBLIC AND CITY WEBSITE**



Pre-Condition:

- 24' Wide
- Parking On Both Side
 - Parking Limited during storm events
- Creek Gutter reduces road width during storm events



Post - Condition

- 22' Wide (Curb-to-Curb)
- New Sidewalk on one side
- New Parking Lot on one side
- Creek Gutter Relocated
- Road Width and Alignment Designed considering Pedestrian Safety, and within the Environmental Limitations

Construction Update and Look Ahead Schedule



COMPLETED CRITICAL ACTIVITIES

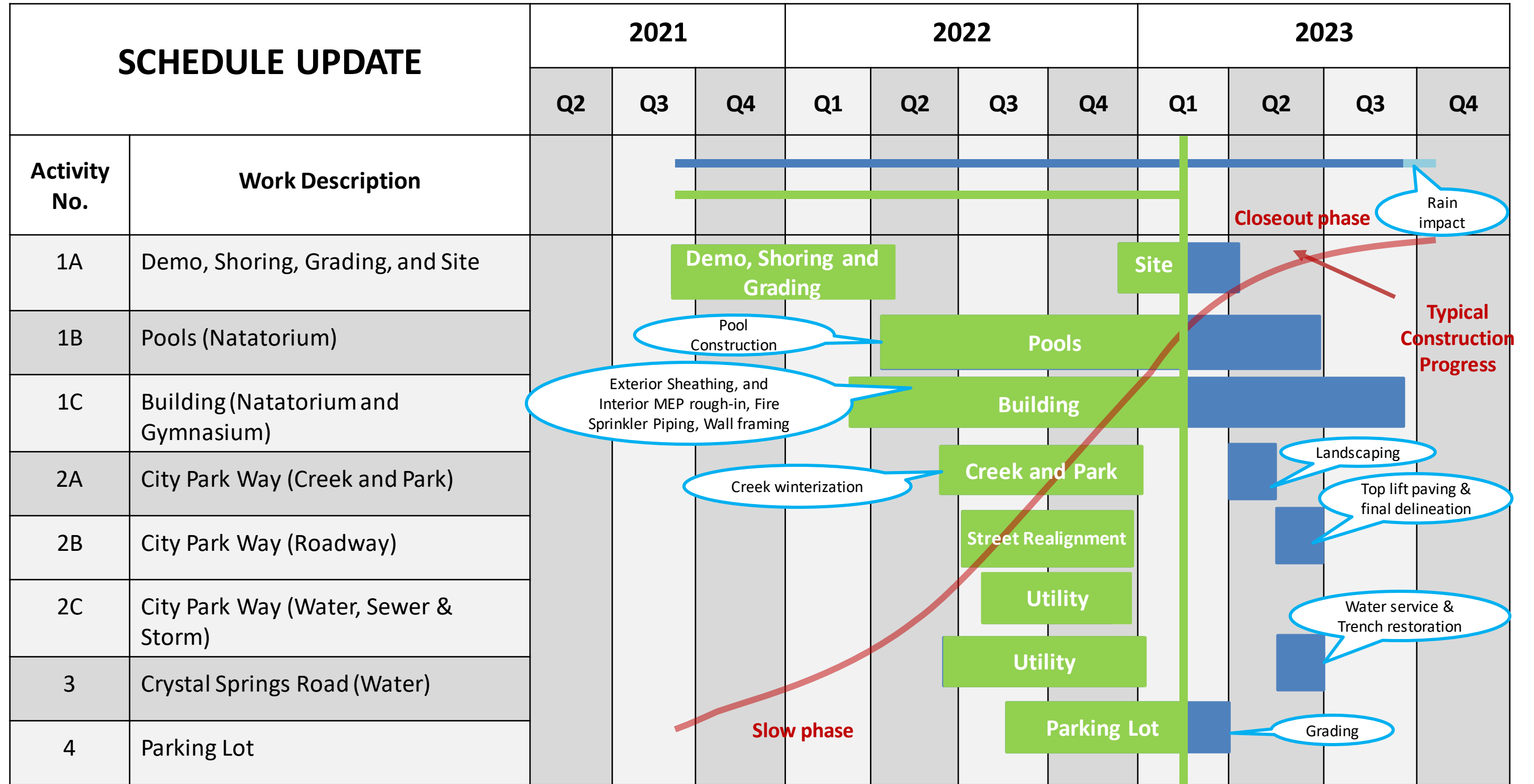
ONSITE

- Gymnasium and Natatorium:
 - Steel Framing and Roof Trusses
 - Roof Decking
 - Under Slab Utilities (Gymnasium)
 - Fire sprinkler pipe and mechanical hangers
 - Plumbing (Restrooms>Showers)
 - Concrete Floor Slabs 1st/2nd Floor (Gymnasium)
 - Started 2nd floor wall framing
 - Started HVAC and Interior Framing

OFFSITE

- Creek Modification, Enlargement, and Extension
- Sewer and Water Main at City Park Way
- Water Main at Crystal Springs
- Removal of Temporary Water Bypass
- Storm Drainage System at City Park Way
- City Park Way Reconstruction
- City Park Way Reopening
- Off-hauled surplus soil
- Parking Lot Grading started

Construction Update and Look Ahead Schedule



Construction Update and Look Ahead Schedule

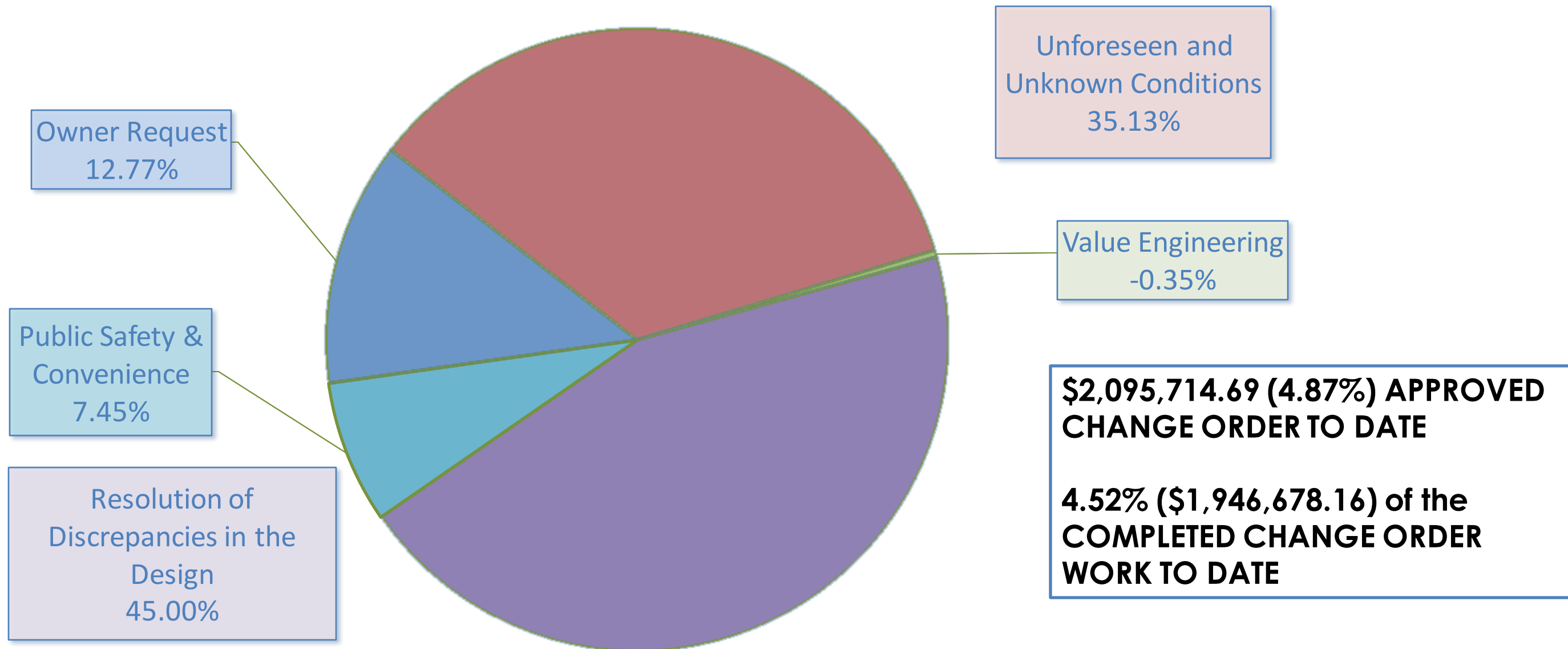
PUBLIC OUTREACH



- Project Website is regularly updated
- Portable Changeable Message Boards will be used for Future Road Closures
- Detour Signs will be placed as needed
- Communicate with Google Navigation system as needed
- Field Contact Numbers are available on all project signs and City Website
- Daily onsite representative is available at the trailer office
- Calls and emails are being answered and addressed
- Communicate with PD/Fire Department as needed



Change Order Report



Construction Update and Look Ahead Schedule

Project Budget Update



Total Project Budget:

- \$60,540,228.00

Total Expenses To Date:

- \$33,925,239.66 (56.04%)

Pre-Construction Phase Cost Total:

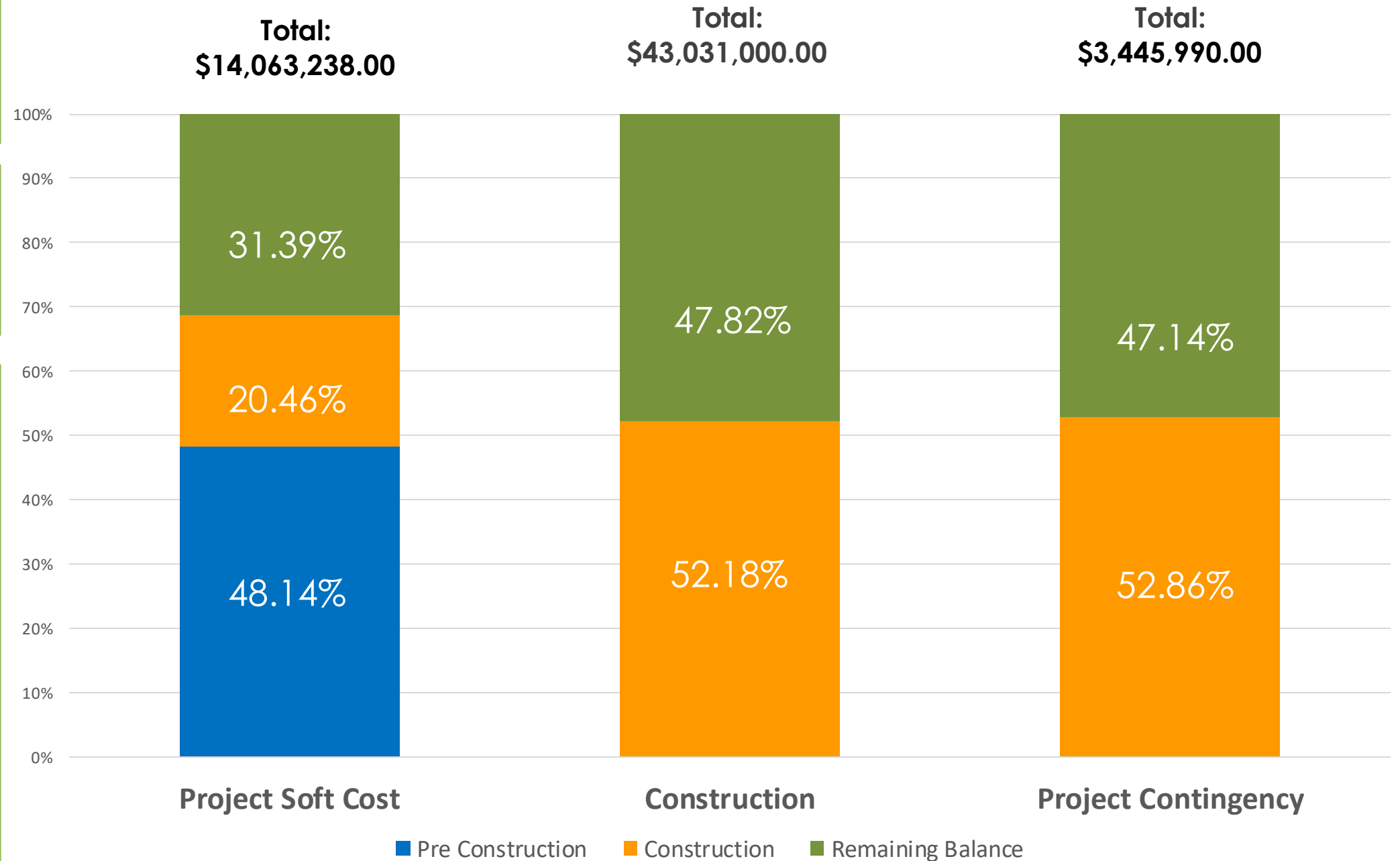
- \$6,770,384.00

Construction Phase Cost To Date:

- \$27,154,855.66

SOFT COSTS

- Design (Group 4)
- Environmental
- Project Manager & (CPM Associates)
- Construction Manager (Griffin Structures)
- Geotechnical, T&I, Waterproofing, Commissioning Services
- Lara Field Parking Lot
- Traffic Signals, Sewer, Water, Sidewalk, CityNet Fiber
- Temporary Space During Construction
- Furniture Fixtures and Equipment
- Electronic systems and special equipment
- Utility company connection and services
- Fees/ Administration/ Business Plan
- Additional Crystal Springs Tree Removal

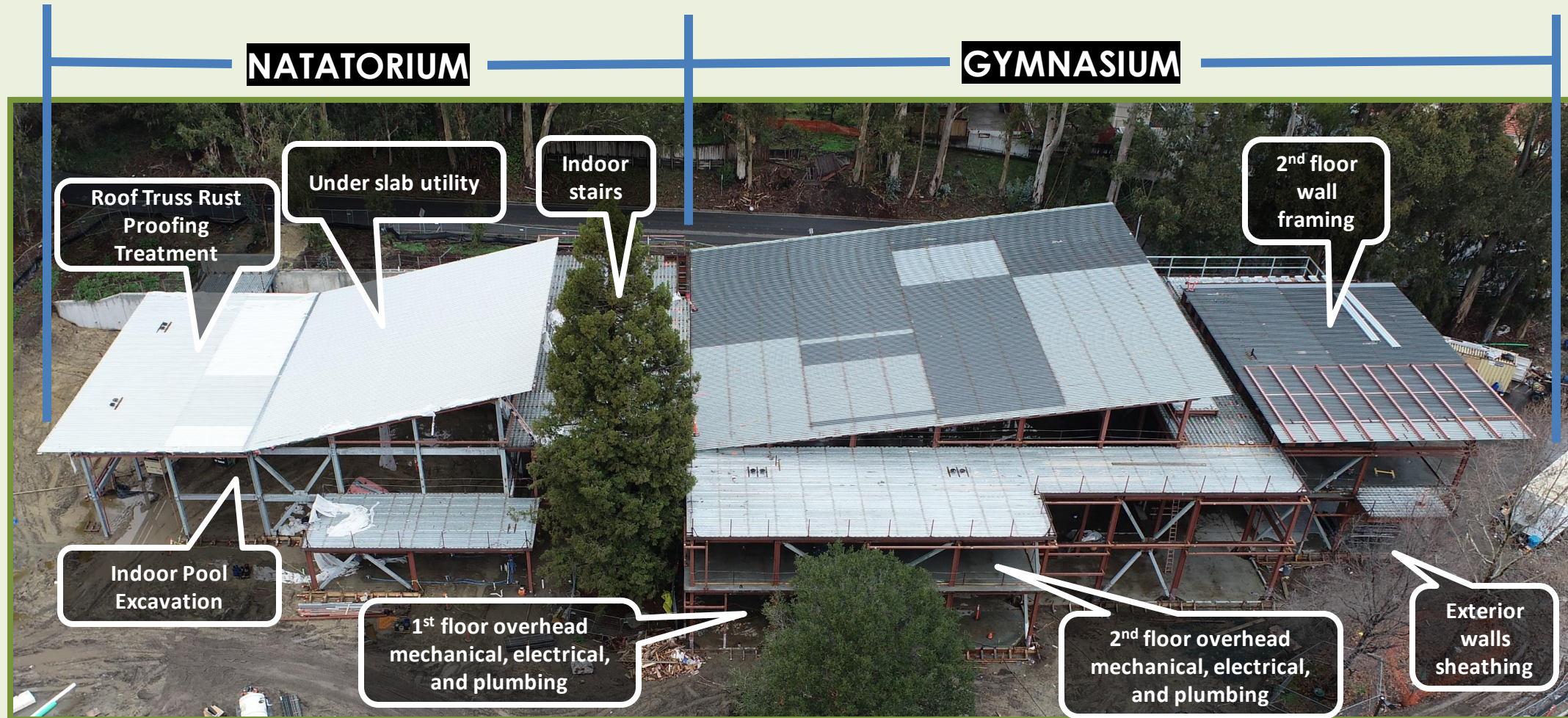


Construction Update and Look Ahead Schedule

WHAT'S HAPPENING NEXT 30 DAYS AND BEYOND?



ONSITE WORK



NATATORIUM

- 1st Floor Under Slab Utility Work
- Roof Truss Rust Proofing Treatment
- Indoor Pool Construction

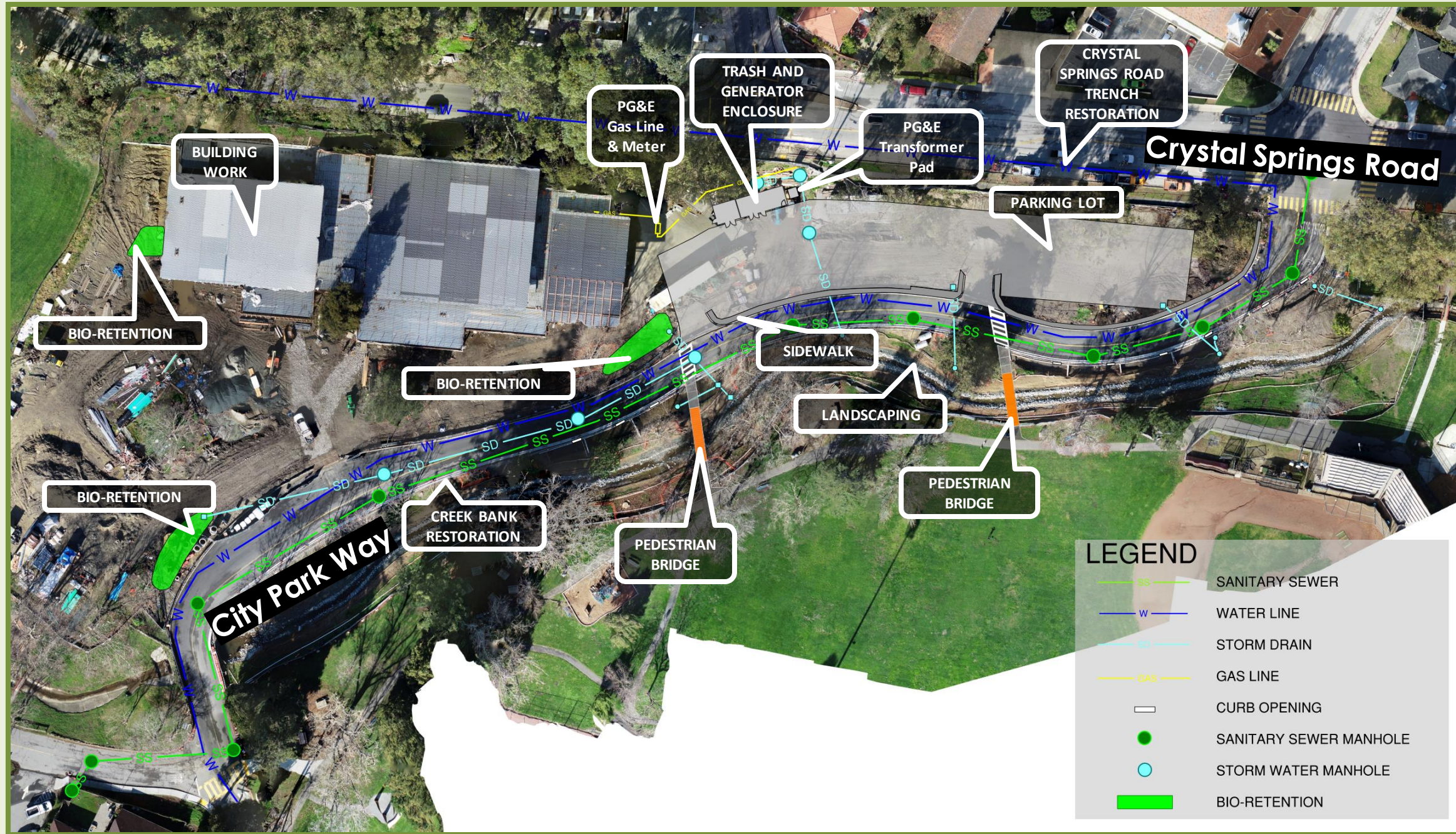
GYMNASIUM

- Continue 2nd Floor Mechanical, Electrical, and Plumbing
- Fire sprinkler pipes installation
- Install wall framing
- HVAC
- Scaffolding (Exterior Walls Installation)

Construction Update and Look Ahead Schedule



WHAT'S HAPPENING NEXT 30 DAYS AND BEYOND?



OFFSITE WORK

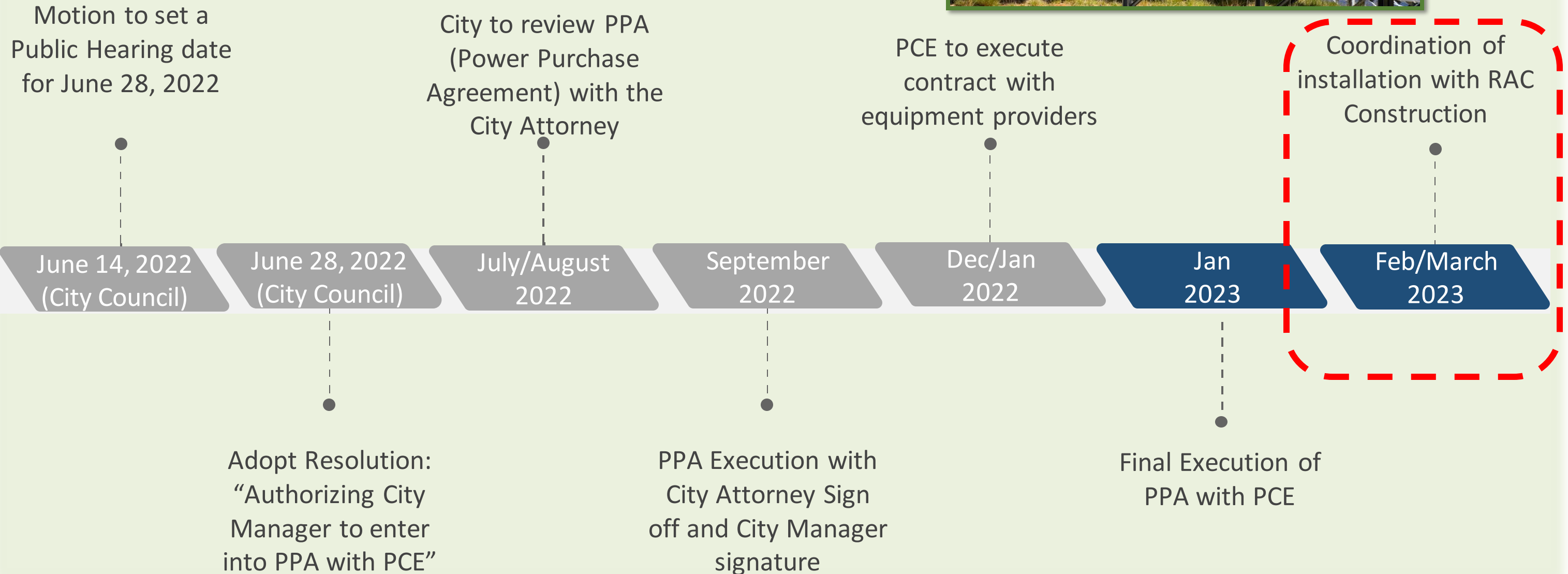
- Storm Water Management
- Parking Lot – Off-haul Grading
- Pedestrian Bridges
- Trash and Generator Enclosure
- PG&E Transformer Pad
- PG&E Gas Line
- Creek Bank Restoration
- Landscape Work
- Bio-Retentions

Construction Update and Look Ahead Schedule

OTHER RELATED PROJECTS UPDATE



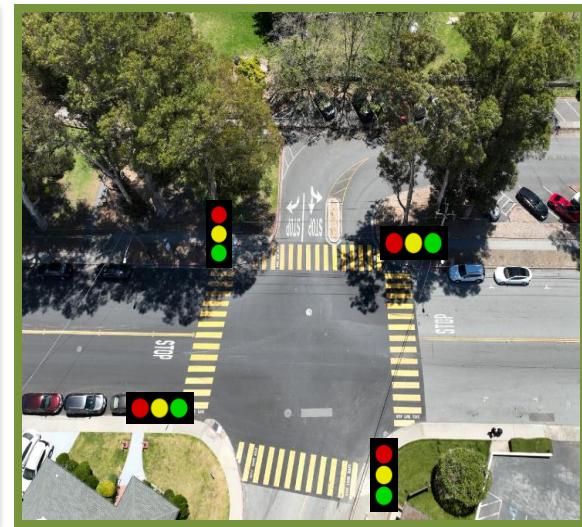
Solar PV Update



Crystal Spring / Oak Street / City Parkway Intersection Improvement Project Update



All Way Stop (existing)



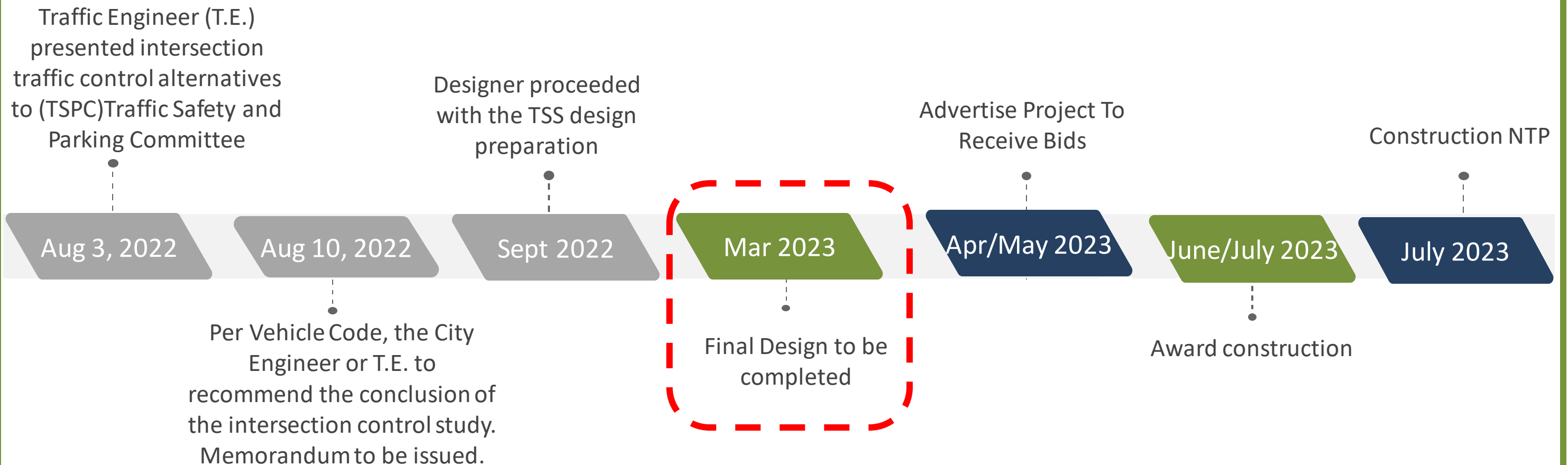
Traffic Signal System (TSS)



Mini Roundabout (MRA)



Single-lane Roundabout (RA-1)



THANK YOU

sanbruno.ca.gov/RecCenterBuild