



SAN BRUNO RECREATION & AQUATIC CENTER

City Council Update

July 25, 2023





AGENDA

1. Construction Update and Look Ahead Schedule
 - a) Project Information Update
 - b) Completed To Date
 - c) Schedule Update (Public Outreach)
 - d) What's Happening the Next 30 Days and Beyond?
 - e) Adopted Projects Update
 - I. City Parkway and Crystal Spring Intersection
 - II. Beckner Shelter Road Projects
 - f) Change Order and Project Budget Update
 - g) Project Overview and Outlook
2. Questions

Construction Update and Look Ahead Schedule



PROJECT INFORMATION



Start Date: September 2021



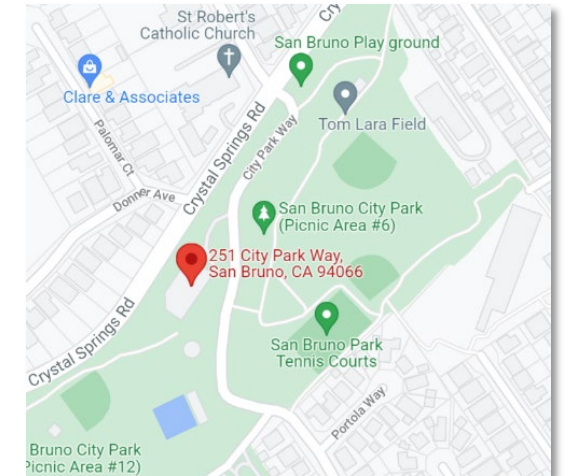
Project Completion: End of 2023



Estimated Cost Completed To Date: 70.81% (June 2023)



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



Multivista Aerial Photo on 03/03/23



Multivista Aerial Photo on 07/06/23

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (Through 07/24/23)



March 27, 2023



July 24, 2023

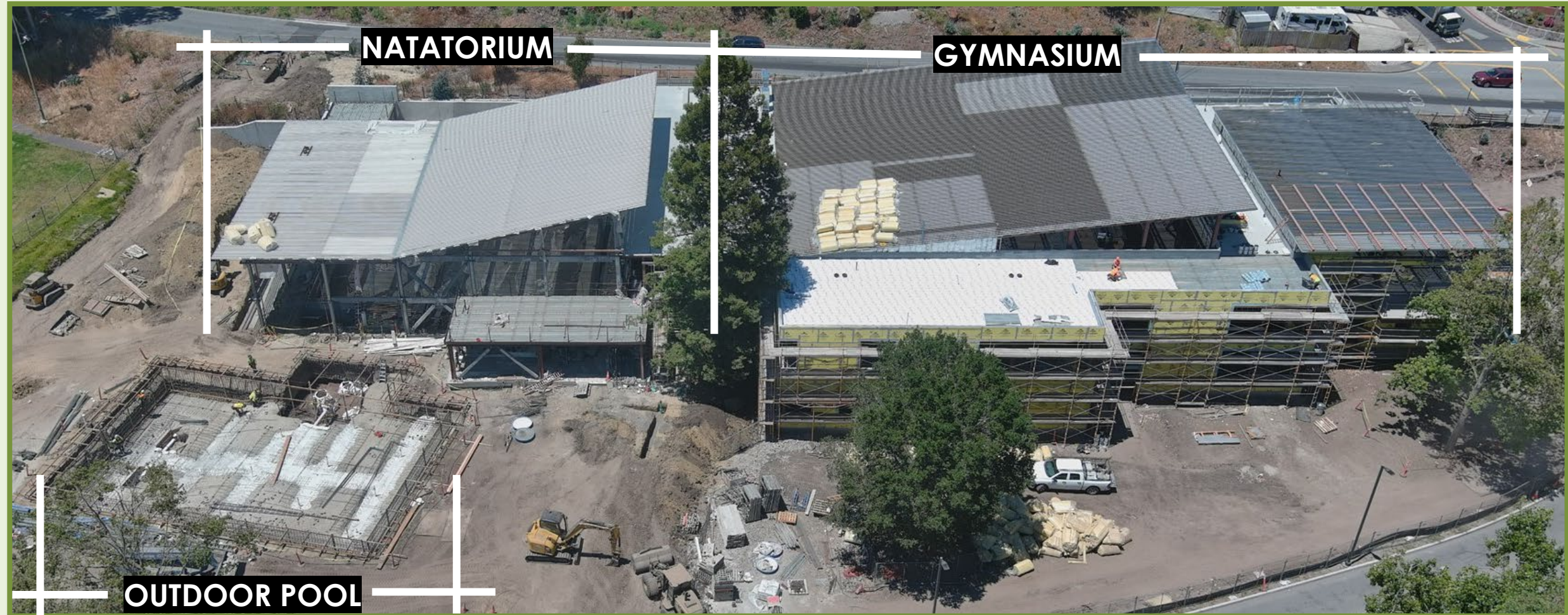


Construction Update and Look Ahead Schedule

COMPLETED TO DATE (APRIL - JULY)



BUILDING UPDATE



NATATORIUM

- Pool plumbing
- Pool shell and stairs
- Pool gutter
- Bathroom Walls - CMU
- Party Room - CMU walls and framing underway

OUTDOOR POOL

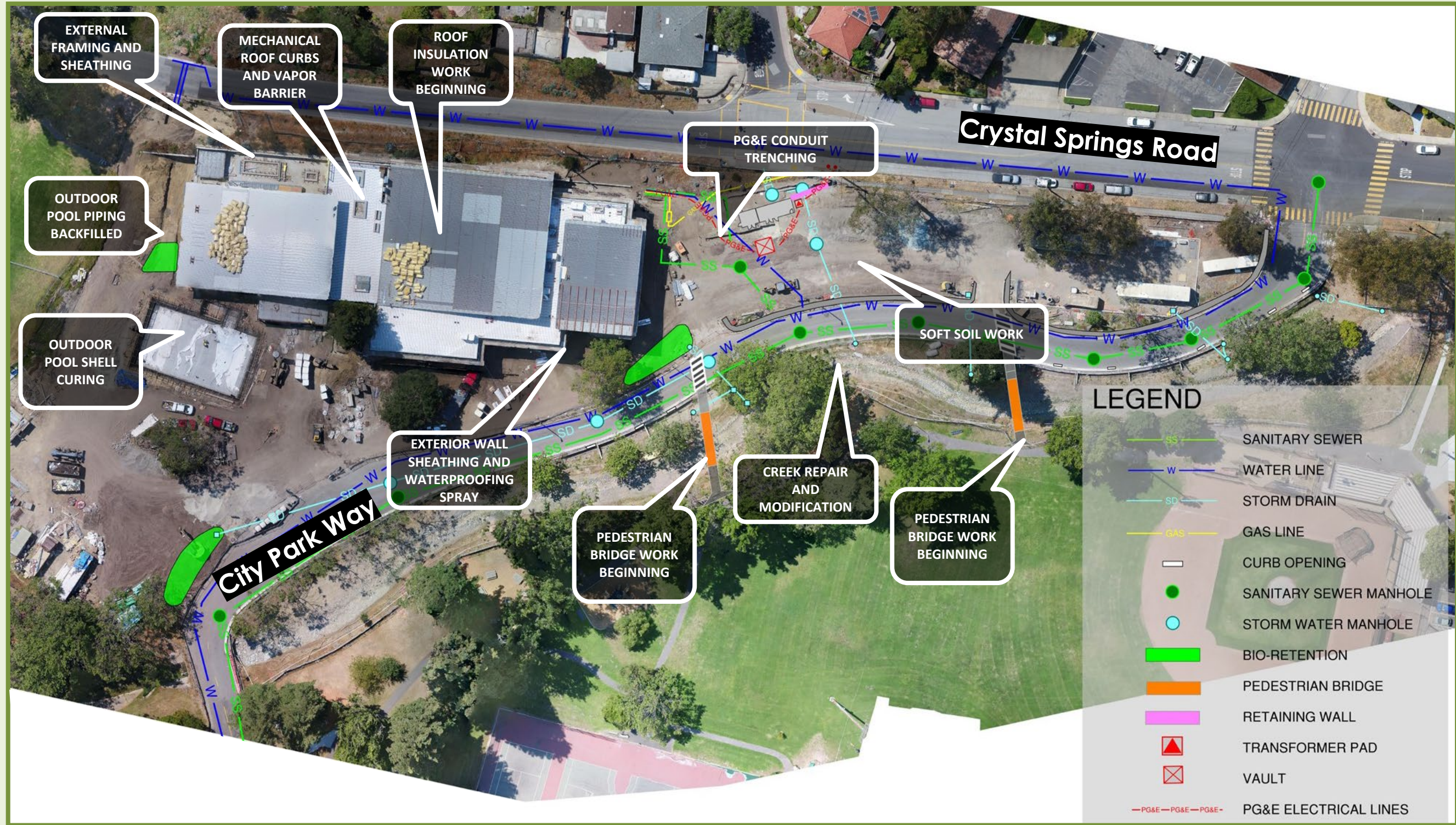
- Pool Plumbing
- Pool Piping Backfill
- Pool Bottom rebar and concrete
- Pool wall rebar and shotcrete
- External Plumbing ongoing

GYMNASIUM

- Exterior wall sheathing
- Waterproofing spray is ongoing
- Interior wall framing
- MEPs 90% complete
- Mechanical Roof Curbs
- Roofing Insulation is ongoing

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (JULY)



Construction Update and Look Ahead Schedule

COMPLETED TO DATE (APRIL - JULY)



ONSITE UPDATE: EXTERIOR WALLS



EXTERIOR SHEATHING – GYMNASIUM



Completed

- Exterior wall framing
- Exterior wall sheathing
- Water Proofing Spray is ongoing



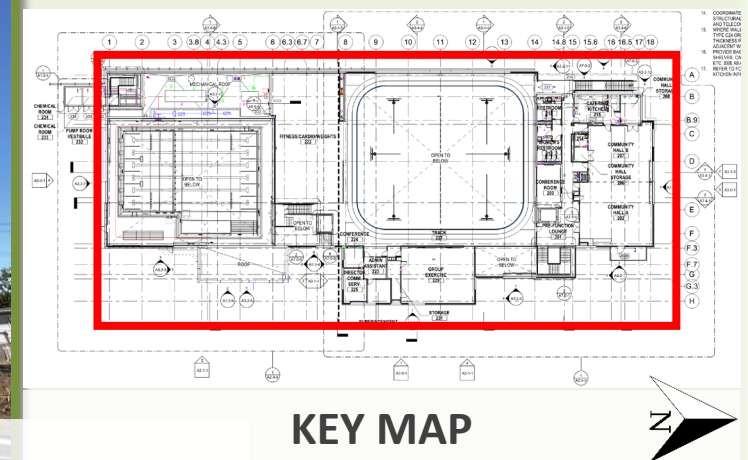
RENDERING - WEST



RENDERING - EAST



WATERPROOFING SPRAY – GYMNASIUM



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (APRIL - JULY)



ONSITE UPDATE: ROOF



1 - EXTERIOR WALL FRAMING AT MECHANICAL ROOF



2 - Poured Flat Roof



3 - INSULATION DELIVERY

Completed

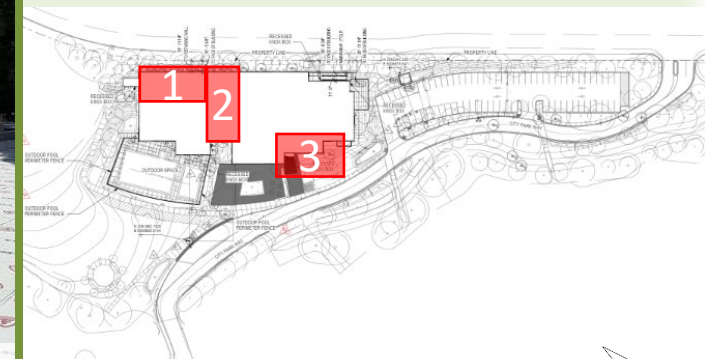
- Flat Roof Poured
- Mechanical Roof Curbs Poured
- Vapor Barrier Installation
- Exterior Wall Sheathing at Mechanical Roof
- Roof Insulation is ongoing
- Solar PV coordination



1 - EXTERIOR WALL SHEATHING AT MECHANICAL ROOF



2 - VAPOR BARRIER INSTALLATION – FLAT ROOF

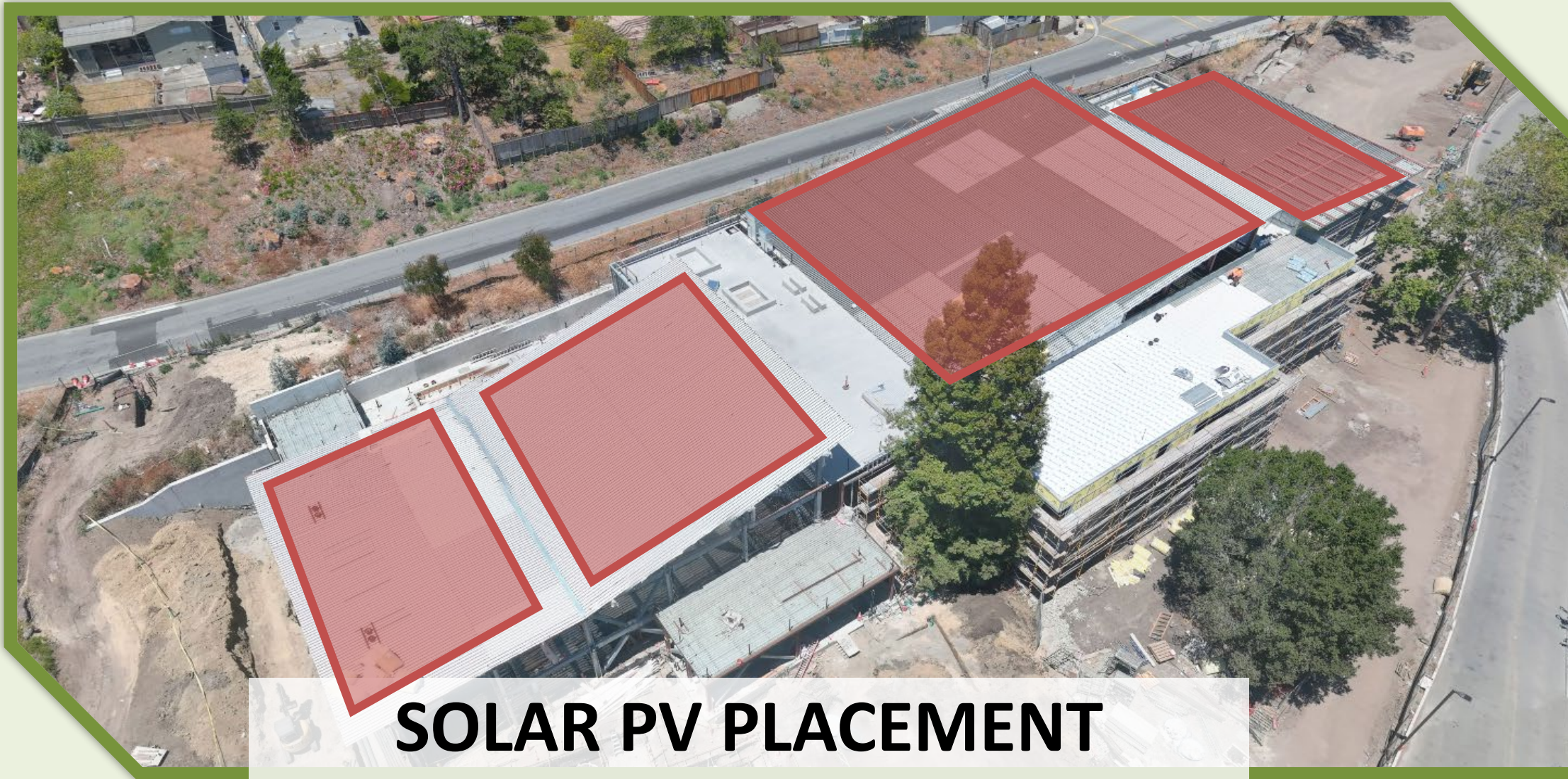


KEY MAP



Construction Update and Look Ahead Schedule

SOLAR PV UPDATE



SOLAR PV PLACEMENT



EXAMPLE OF BALLAST-MOUNTED SOLAR PANELS

SOLAR PV

Construction Update and Look Ahead Schedule

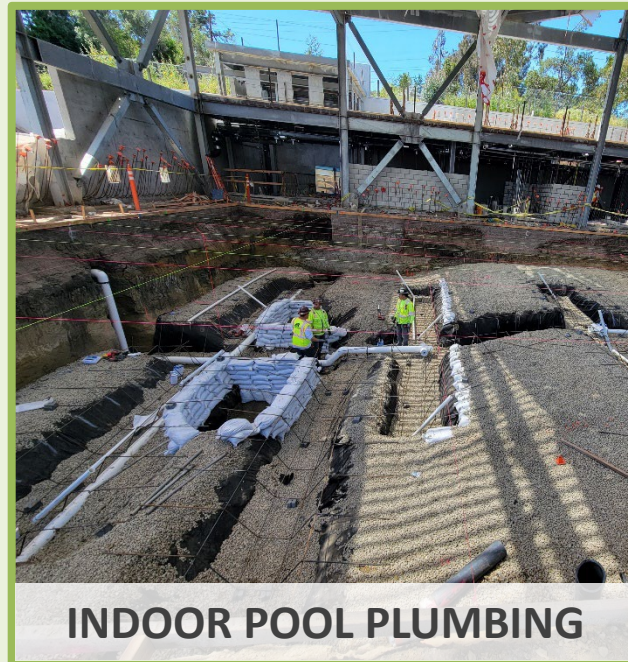
COMPLETED TO DATE (APRIL - JULY)



ONSITE UPDATE: NATATORIUM



INDOOR POOL EXCAVATION



INDOOR POOL PLUMBING



INDOOR POOL REBAR

Completed

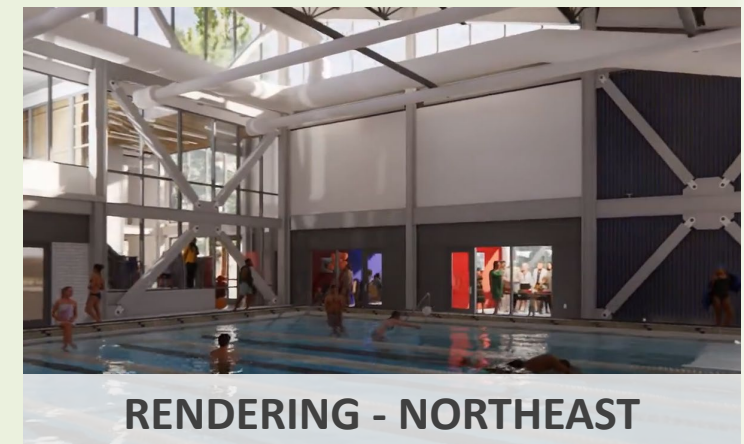
- Pool inspection
- Pool plumbing
- Indoor Pool Shell – in curing



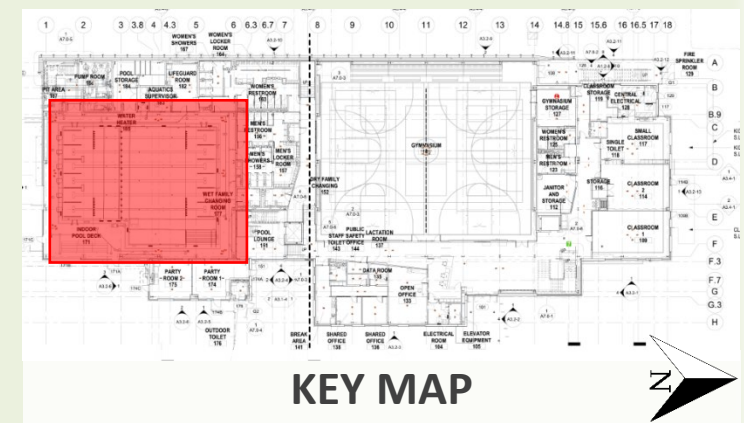
POOL BOTTOM SHELL CURING



POOL STAIRS AND PARTY ROOM WALLS



RENDERING - NORTHEAST



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY - JULY)



OFFSITE UPDATE: OUTDOOR POOL



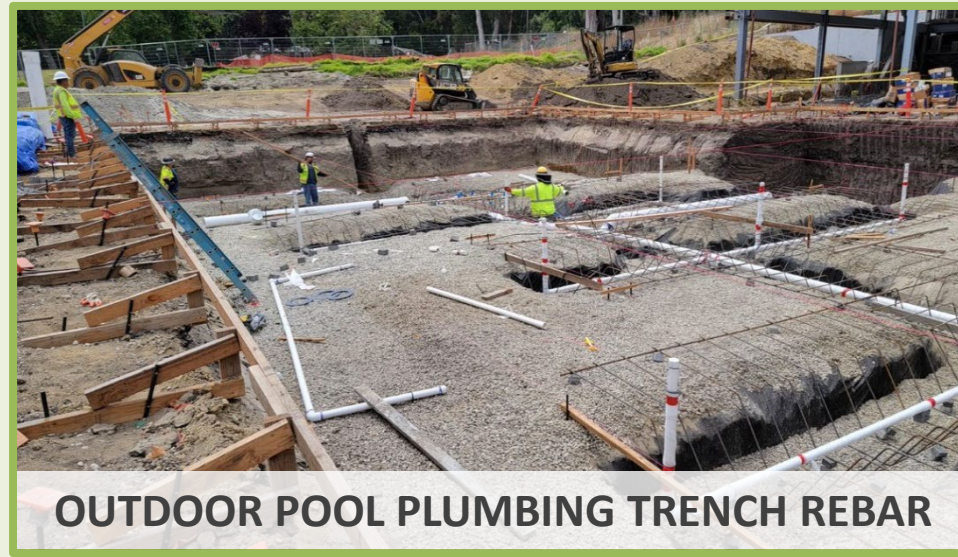
OUTDOOR POOL EXCAVATION



OUTDOOR POOL EXCAVATION



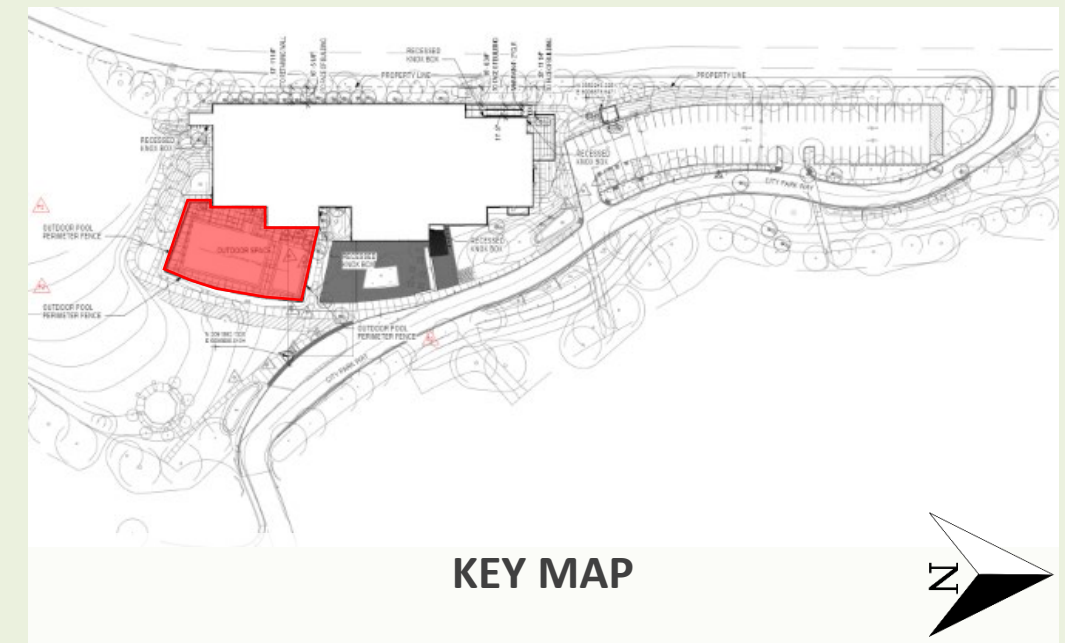
OUTDOOR POOL PLUMBING TRENCH



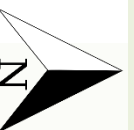
OUTDOOR POOL PLUMBING TRENCH REBAR

Completed

- Pool excavation
- Pool plumbing and Backfill
- Pool Bottom Rebar
- Pool Bottom Concrete
- Pool Wall Rebar
- Pool Bottom Curing - ongoing



KEY MAP



Construction Update and Look Ahead Schedule

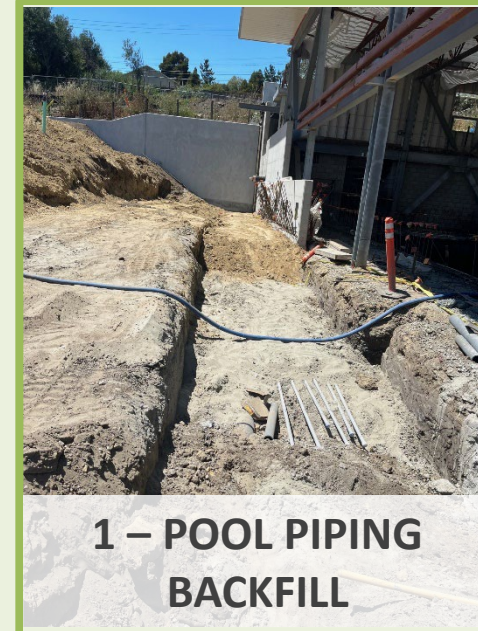
COMPLETED TO DATE (JULY)



OFFSITE UPDATE: OUTDOOR POOL



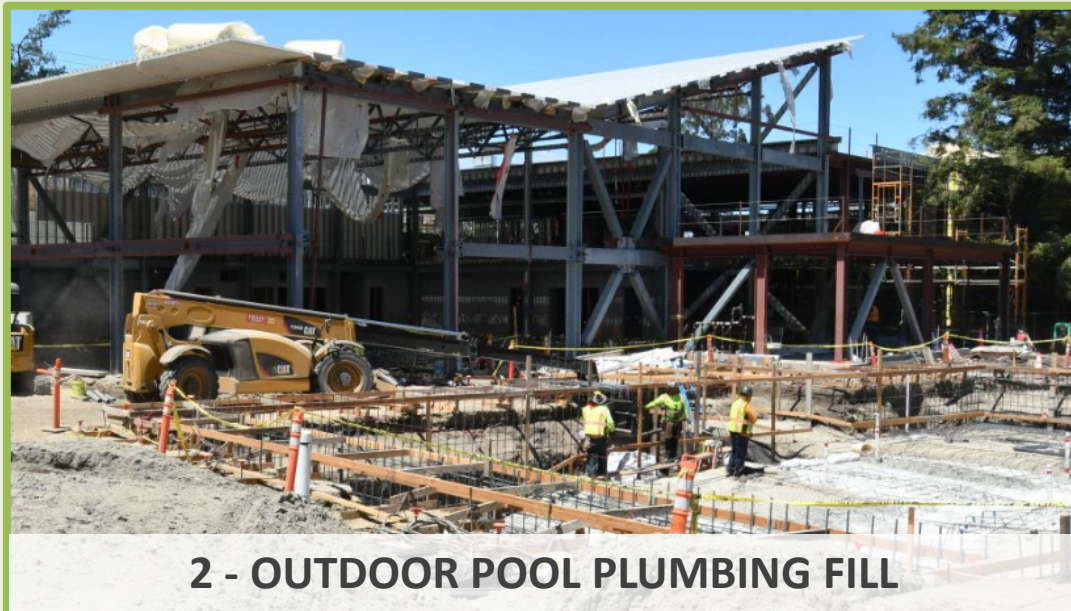
1 – POOL PIPING



1 – POOL PIPING
BACKFILL



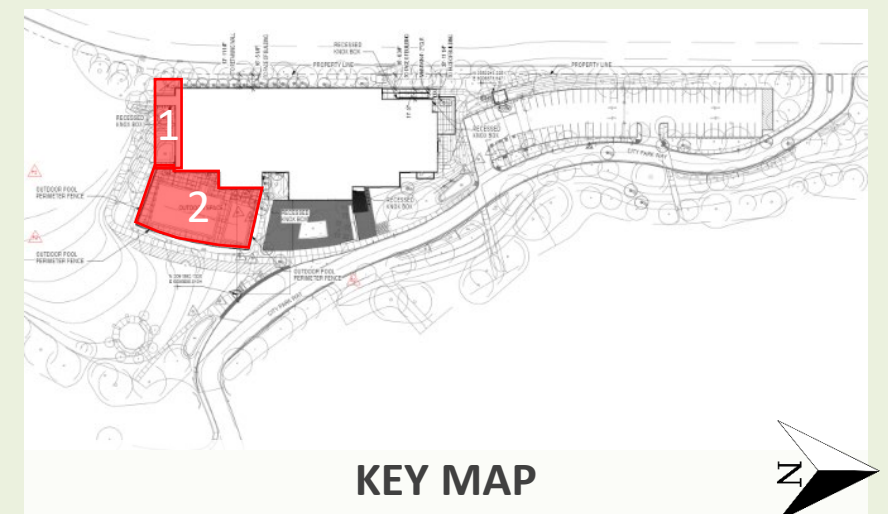
2 - OUTDOOR POOL REBAR AND POOL
BOTTOM POUR



2 - OUTDOOR POOL PLUMBING FILL



2 - POOL BOTTOM CURING



KEY MAP

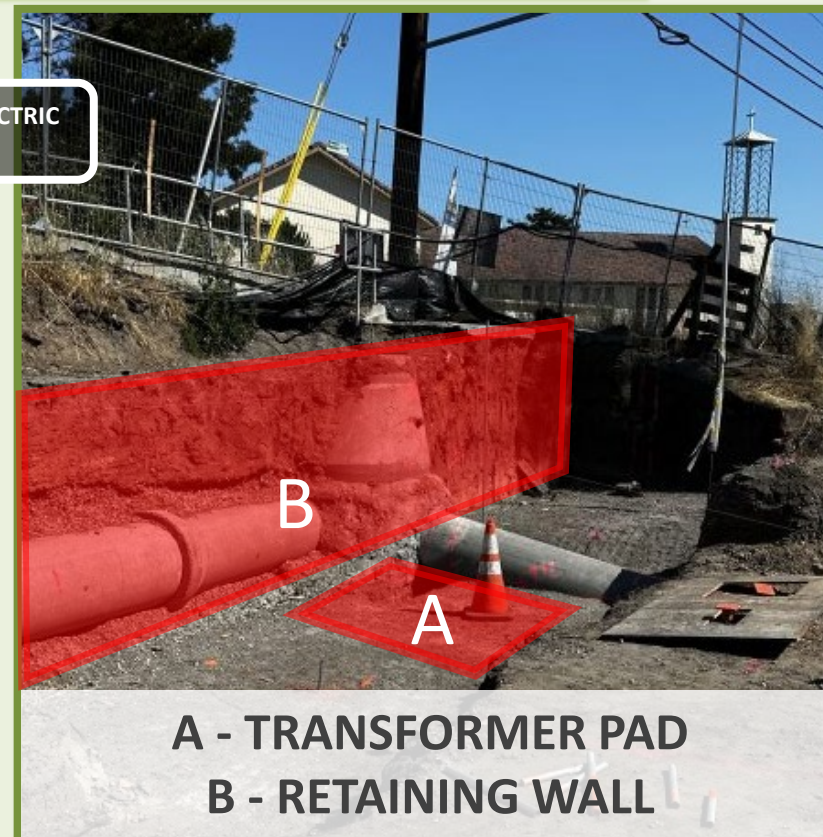
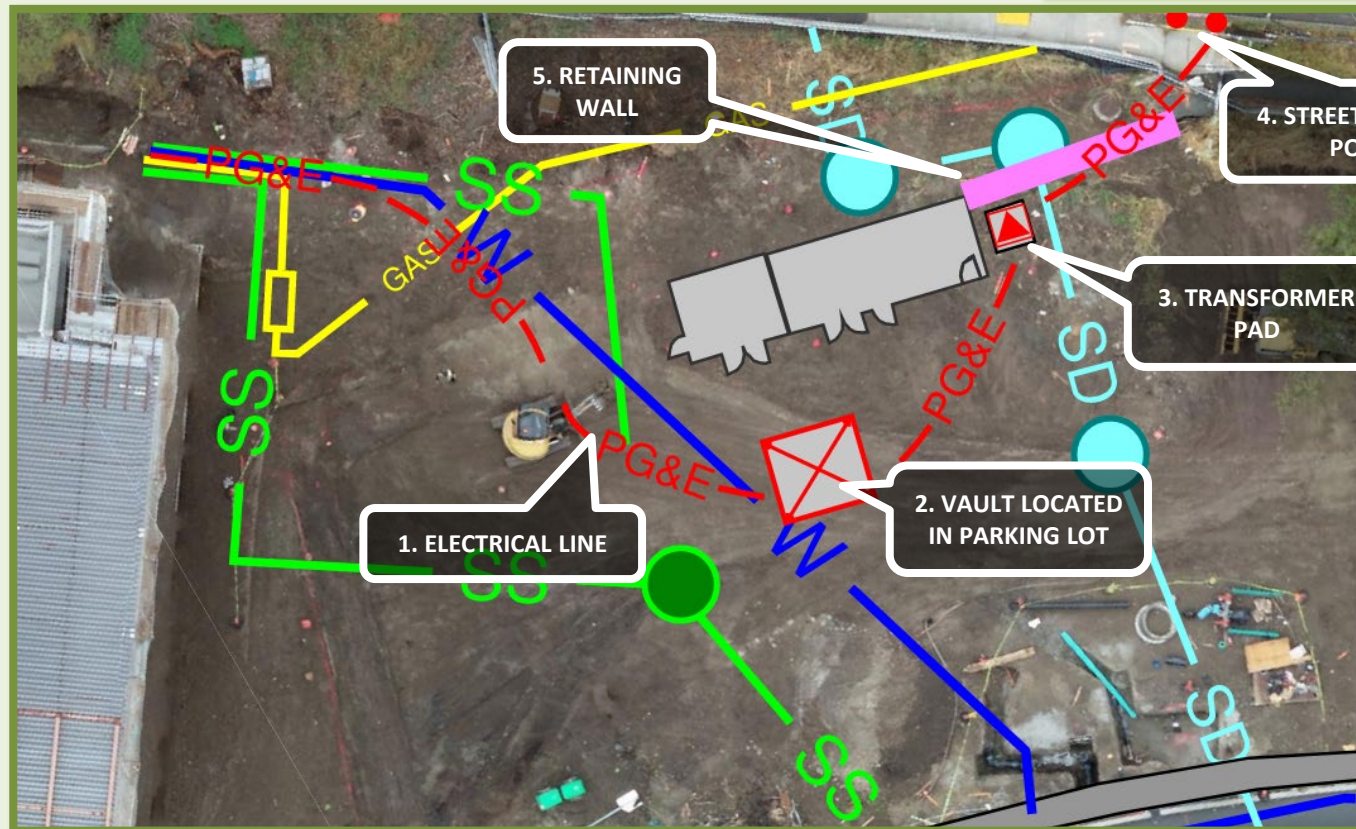


Construction Update and Look Ahead Schedule

COMPLETED TO DATE (JULY)



OFFSITE UPDATE: PG&E



A - TRANSFORMER PAD
B - RETAINING WALL

PG&E Schedule

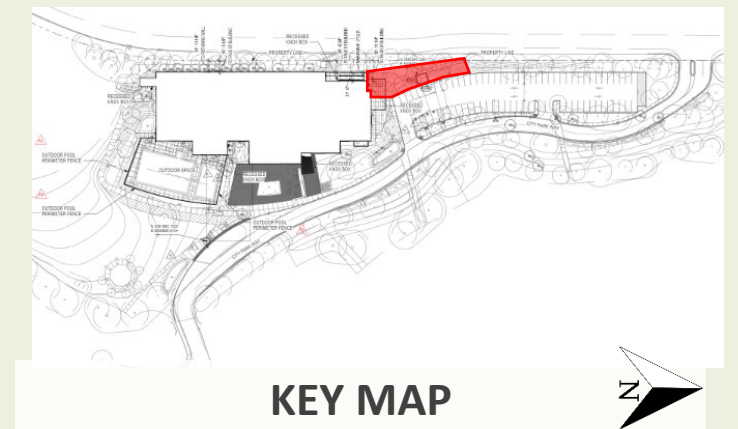
1. Received PG&E Plans – 5/16/23
2. Completed - Preconstruction Meeting (6/8/23)
3. (In Progress) - Contractor installing PG&E substructures and transformer/pad
4. (1st week of August) - PG&E Inspection (mandrill testing) and transformer/ pad inspection
5. (TBD) - City Building Inspection and tagging for meter
6. (TBD) - PG&E to confirm meter release and to schedule for power
7. (TBD) – Power Service Drop



CONDUIT TRENCHING FROM BUILDING



CONDUIT TRENCHING TO TRANSFORMER PAD



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (JUNE – JULY)



OFFSITE UPDATE: CREEK REPAIR AND MODIFICATION



BEFORE THE STORM



STORM DAMAGE - BANK EROSION



COMPLETED REPAIR AND MODIFICATION

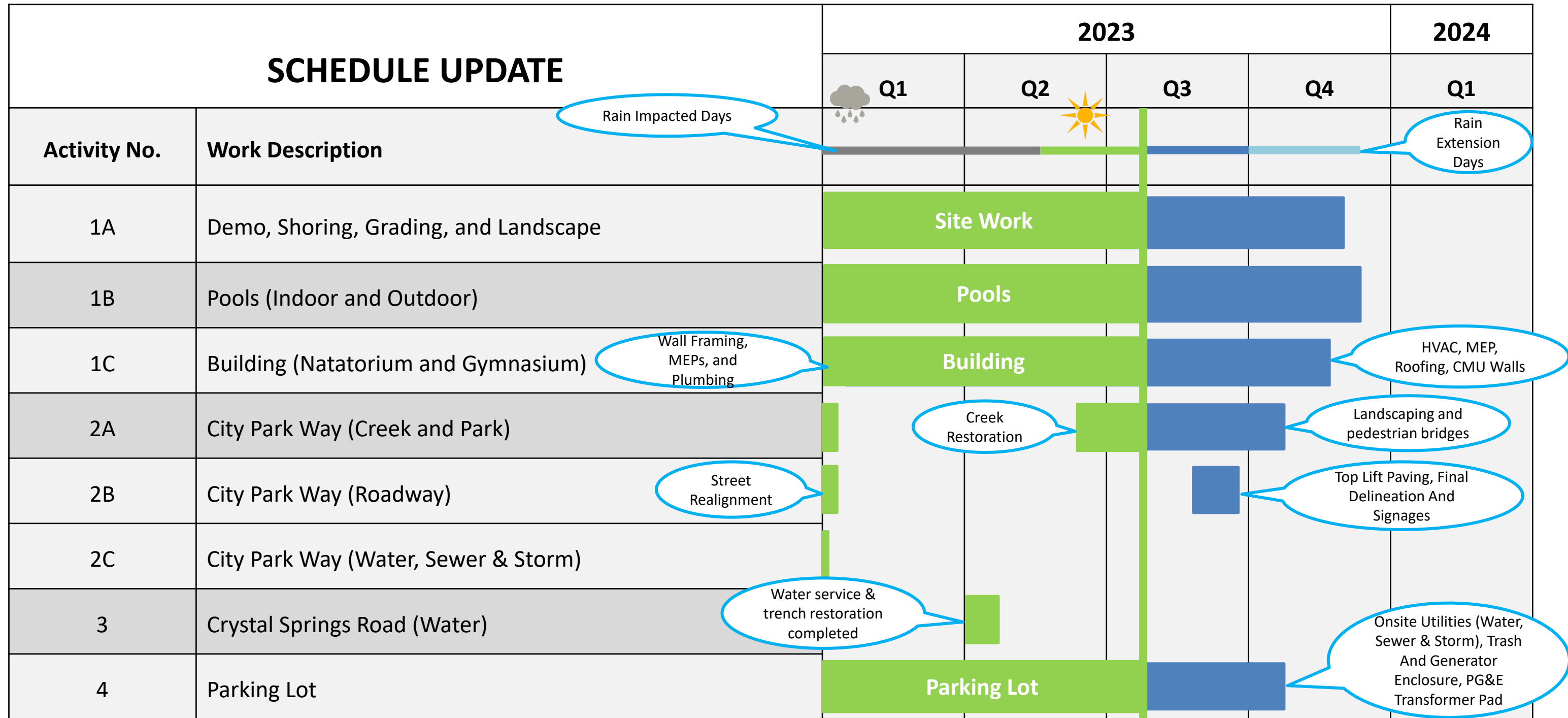


CREEK REPAIR AND MODIFICATION

1. Biologist, Hydraulics Engineer and Hydrogeomorphologist
2. Erosion Damage Repair completed
 - Bigger rocks were placed
 - Rock Slope Protection reconfigured to control water flow
3. Landscape work to begin soon



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
- City Park Way daytime closure will continue for landscaping work

Construction Update and Look Ahead Schedule

WHAT'S HAPPENING THE NEXT 30 DAYS AND BEYOND?



ONSITE WORK

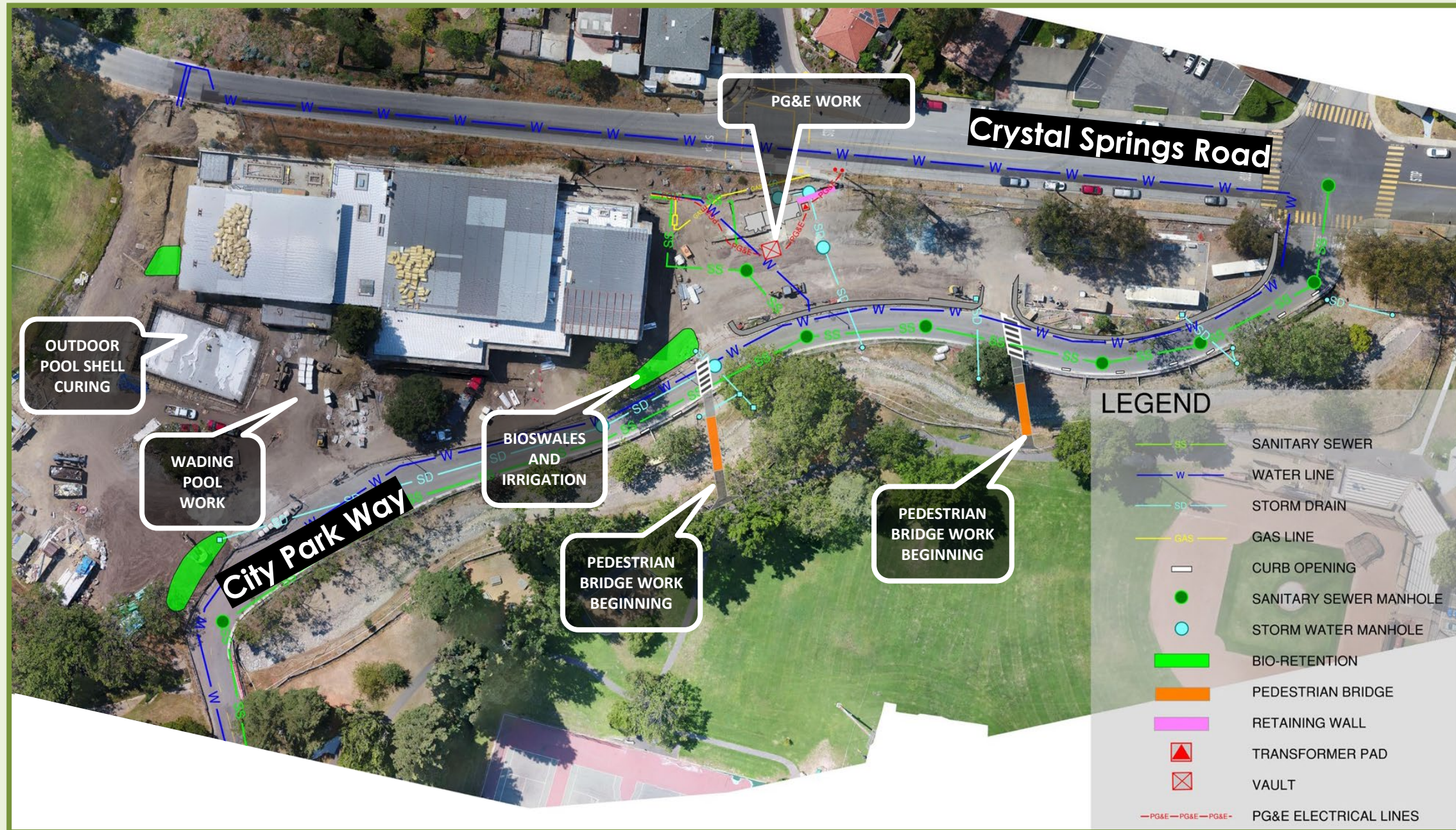
- Exterior Waterproofing Spray
- Roofing Insulation
- Natatorium
 - Indoor Pool Work
 - Party Room CMU Walls
- Interior
 - Wall sheathing
 - Continue MEPs
 - Elevator Shafts



Construction Update and Look Ahead Schedule



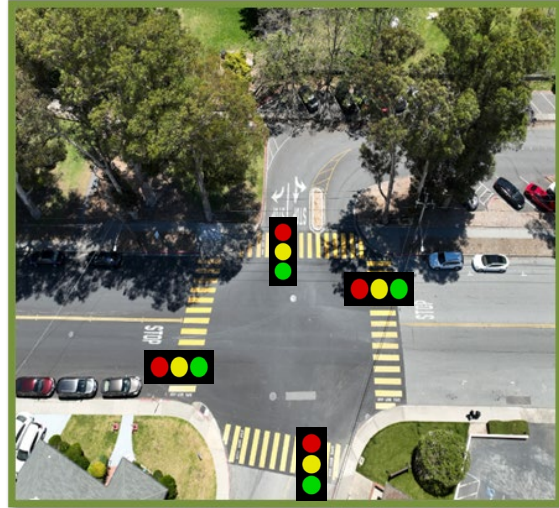
WHAT'S HAPPENING THE NEXT 30 DAYS AND BEYOND?



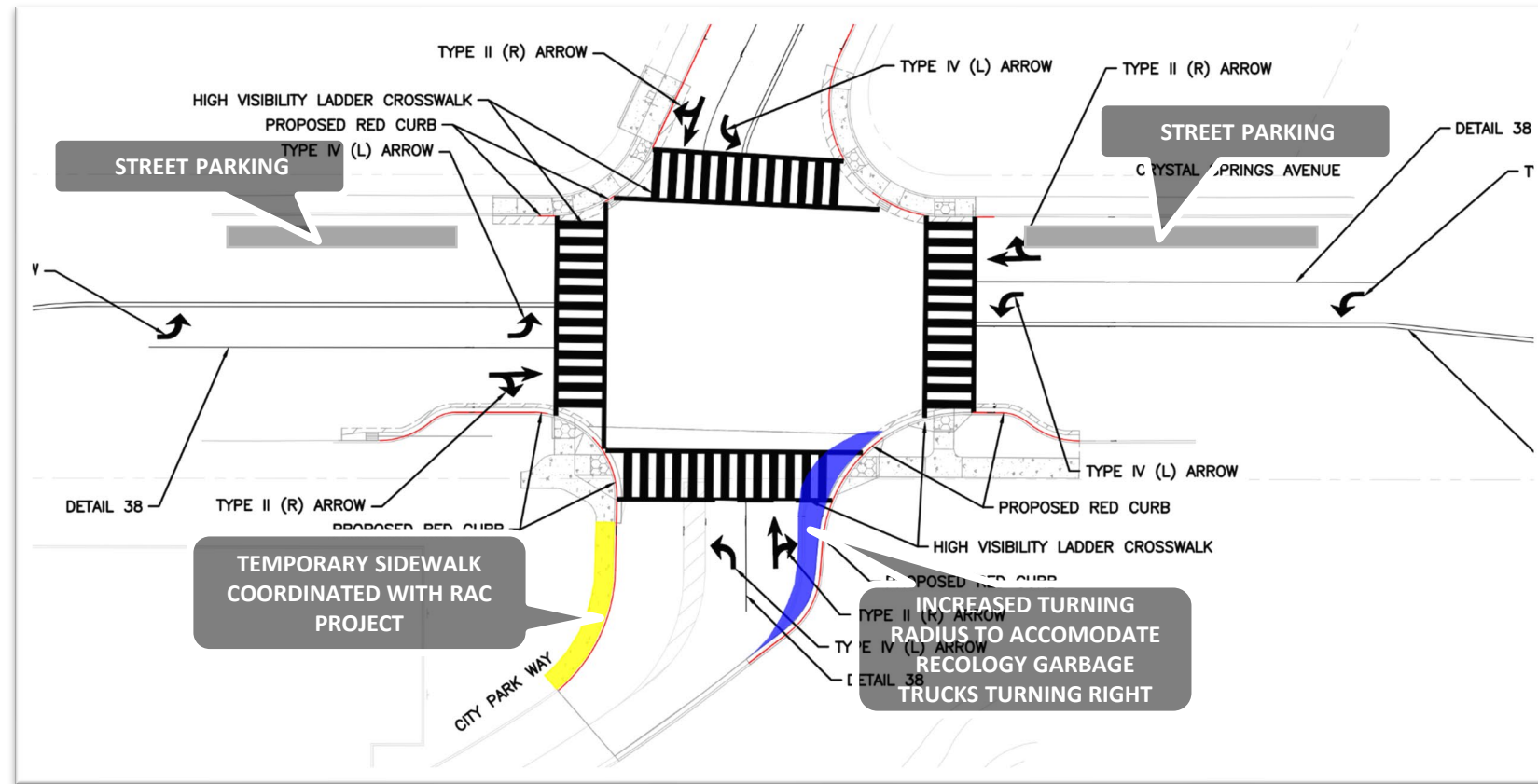
OFFSITE WORK

- Outdoor Pool Curing
- Wading Pool Excavation And Plumbing
- PG&E Work
 - Conduits
 - Inspection
 - Transformer Pad
 - Retaining Wall
- Irrigation & Bioswale
- Creek
 - Pedestrian Bridge Work

Crystal Springs / Oak Street / City Park Way Intersection Improvement Project Update



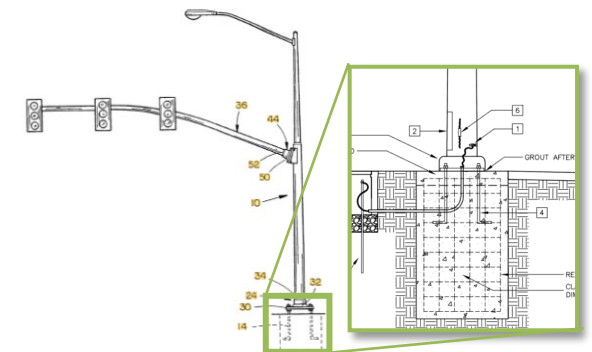
Traffic Signal System (TSS)



FUNDING SOURCES:
Measure A & G Fund (RAC)

PROJECT BUDGET:
\$800,000.00

SIGNAL POLE AND FOUNDATION DETAIL TO SHOW DEPTH AND SIZE



Traffic Engineer (T.E.) presented intersection traffic control alternatives to (TSPC) Traffic Safety and Parking Committee

Designer proceeded with the TSS design preparation

Final Design Completed
Signal Poles Procurement Coordination

Advertise Project To Receive Bids

Completion Target



Per Vehicle Code, the City Engineer or T.E. to recommend the conclusion of the intersection control study. Memorandum to be issued.

Final Design to be completed (90%)

Bidding and Award

Construction NTP

Construction Update and Look Ahead Schedule

BECKNER SHELTER ROAD PROJECTS

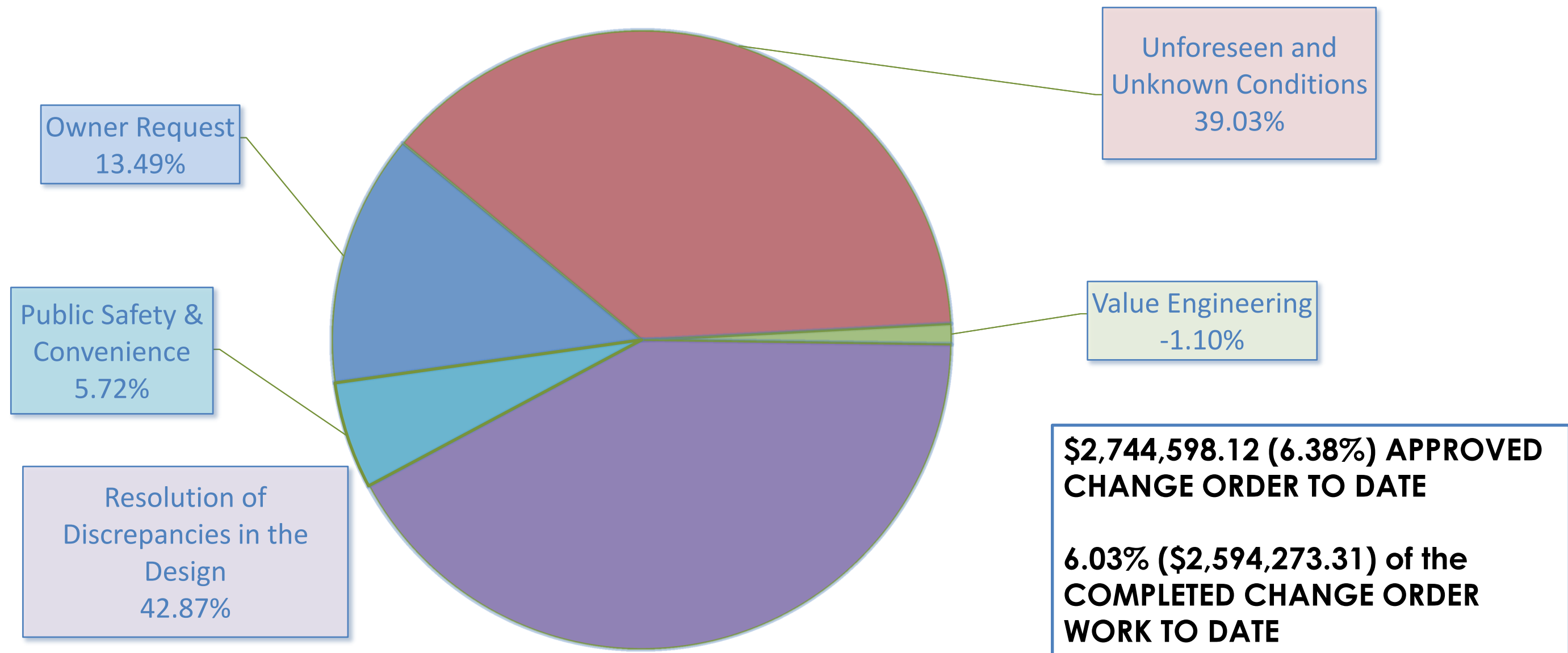


PROJECTS	Design and Management Consultant Agreements	Topographic Surveying	Design Development	Complete Design	Request Quote or Process as Change Order	Begin Construction	Complete Construction
1 Repaving and Parking Lot Striping	●	●	●	August 2023 (Estimated)	September 2023 (Estimated)	October 2023 (Estimated)	November 2023 (Estimated)
2 ADA Bridge	●	●	August 2023 (Estimated)	October 2023 (Estimated)	November 2023 (Estimated)	December 2023 (Partially)	TBD (Permit Conditions)
3 Picnic Area #14 ADA Path	●	●	September 2023 (Estimated)	November 2023 (Estimated)	December 2023 (Estimated)	TBD	TBD

Ongoing Completed



Change Order Report



Construction Update and Look Ahead Schedule

Project Budget Update



Total Project Budget:

- \$62,290,228.00

Total Expenses To Date:

- \$43,228,662.54 (69.40%)

Pre-Construction Phase Cost Total:

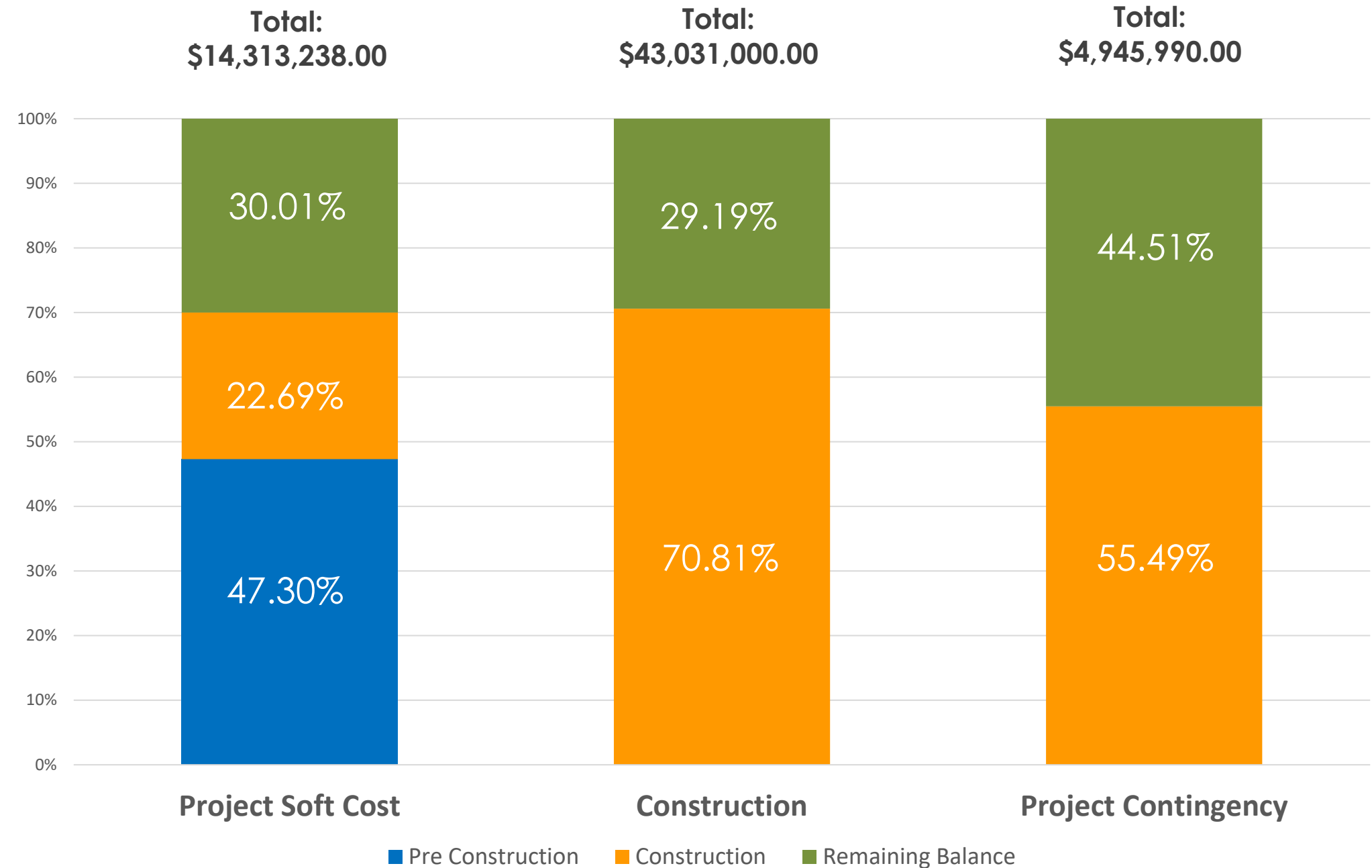
- \$6,770,384.00

Construction Phase Cost To Date:

- \$36,458,278.54

SOFT COSTS

- Design (Group 4)
- Environmental
- Project Manager (Conсор)
- 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
- Beckner Shelter Projects

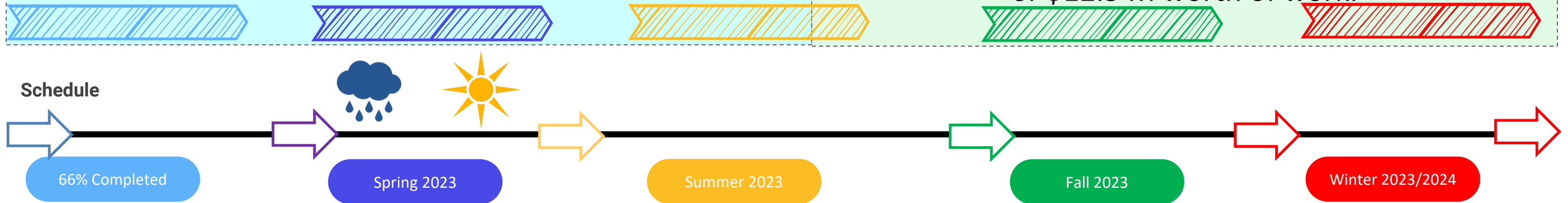




OVERVIEW AND OUTLOOK

Contingency Spent: 55.49%
Work Remaining: 29.19%

Available Contingency Balance of 44.51% to complete the remaining 29.19% or \$12.5 M worth of work.



- BUILDING STRUCTURES
- CITY PARKWAY/UTIL
- CREEK IMPROVMENTS
- PARKING LOT
- BUILDING INTERIOR
- EXTERIOR WALL FRAMES
- M.E.P /HVAC
- INDOOR POOL PLUMBING

- CRYSTAL SPRING UTILITY
- CREEK RESTORATION
- CREEK LANDSCAPING
- PEDESTRIAN BRIDGE
- PARKING LOT
- BUILDING INTERIOR FRAMES
- M.E.P /HVAC - ROUGH
- **INDOOR POOL EXCAVATION**
- PG&E POWER & GAS

- **INDOOR POOL SHELL**
- **OUTDOOR POOL**
- BUILDING EXTERIORS
- CITY PARKWAY/UTIL
- CREEK RESTORATION
- CREEK LANDSCAPING
- **PG&E GAS & ELECTRIC**
- PARKING LOT
- BUILDING INTERIOR FRAMES
- M.E.P /HVAC - EQUIPMENT INSTALLATION
- ELECTRICAL PANEL BOARDS
- ARCHITECTURAL WALL FINISHES AND ROOF

- BUILDING ROOF
- BUILDING INTERIORS
- **M.E.P/HVAC/ELEVATOR EQUIPMENT INSTALLATION/TESTING**
- **POOL PLUMBING AND MECHANICAL INSTALLATION/TESTING**
- SITE LANDSCAPING and FURNISHING
- ROTARY PAVILLION
- FURNITURE FIXTURE & EQUIPMENT (FF&E)
- PEDESTRIAN BRIDGE

- **COMPLETE COMMISSIONING**
- CITY STAFF OCCUPANCY
- CITY FACILITY STAFF TRAINING
- DEDICATION PLANNING

THANK YOU

sanbruno.ca.gov/RecCenterBuild