



# SAN BRUNO RECREATION & AQUATIC CENTER

City Council Update

March 28, 2023





# AGENDA

1. Construction Update and Look Ahead Schedule
  - a) Project Information Update
  - b) Completed To Date
  - c) Schedule Update (Public Outreach)
  - d) Change Order Report / Budget Update
    - a) Additional Funds Request
  - 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
    - III. Beckner Shelter Road
2. Questions

# Construction Update and Look Ahead Schedule



## PROJECT INFORMATION



**Start Date:** September 2021



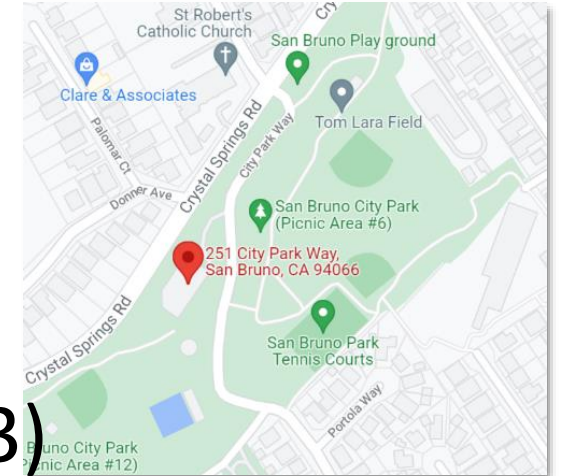
**Project Completion:** (Late) Fall 2023



**Estimated Cost Completed To Date:** 55.09% (February 2023)



**EarthCam Link:** [https://share.earthcam.net/RecCenterBuild/rec\\_center\\_build/camera/view\\_1](https://share.earthcam.net/RecCenterBuild/rec_center_build/camera/view_1)



Multivista Aerial Photo on 02/06/23



Multivista Aerial Photo on 03/03/23

# Construction Update and Look Ahead Schedule

## *COMPLETED TO DATE (Through 03/27/23)*



February 14, 2023

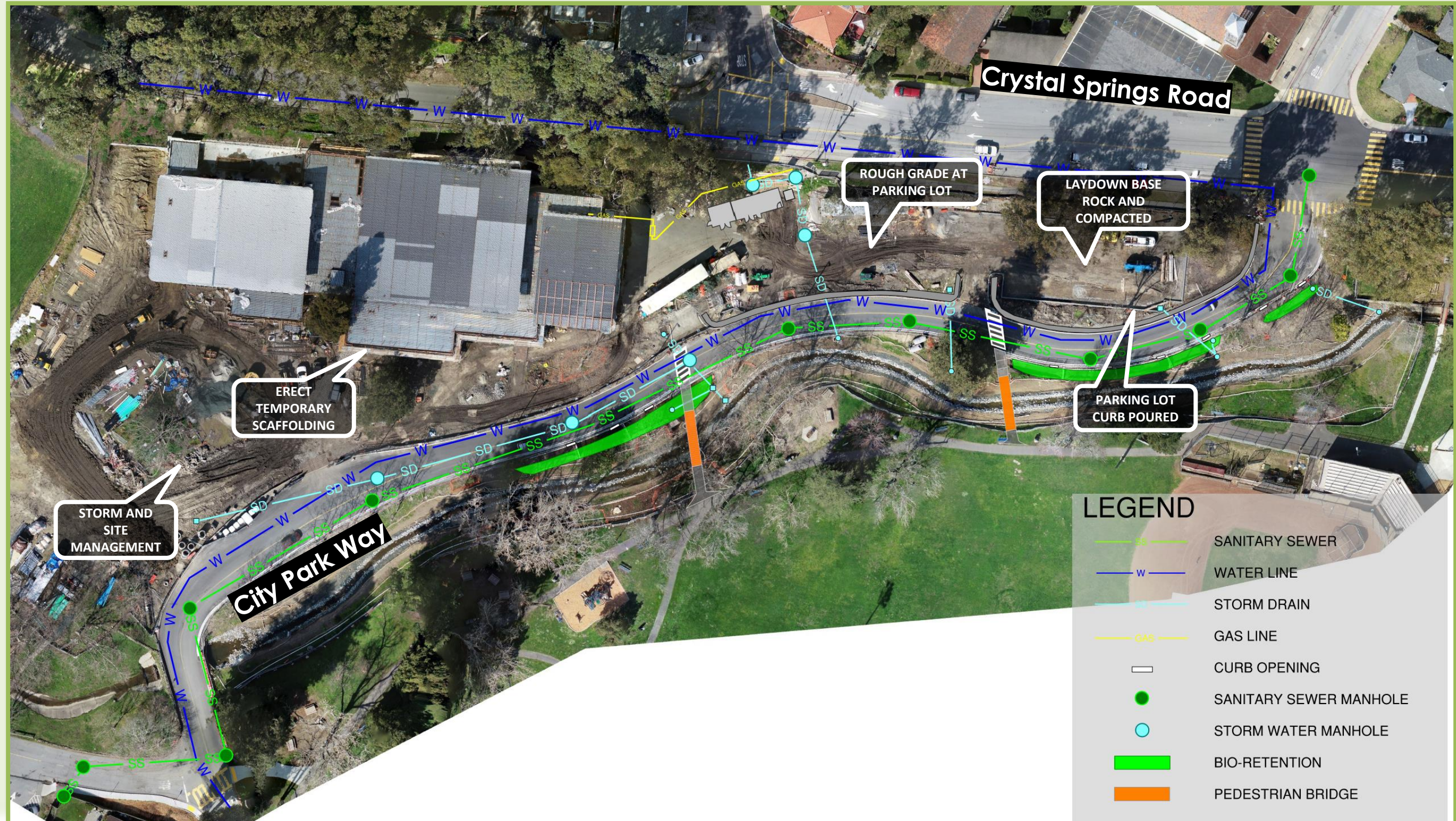


March 27, 2023



# Construction Update and Look Ahead Schedule

## COMPLETED TO DATE (MARCH)



# Construction Update and Look Ahead Schedule

## *COMPLETED TO DATE (MARCH)*



### BUILDING UPDATE



#### NATATORIUM

- Completed rebar at Line 1 Concrete Wall
- Completed backfilling trenches for indoor pool plumbing
- Continue pool plumbing, fire sprinkler installation, and MEP rough-in
- Poured slab walls near stairs
- Poured line 1 Concrete Wall
- Poured stairs
- Poured concrete slab in multiple rooms

#### GYMNASIUM

- Continue HVAC duct
- Continue 1<sup>st</sup> & 2<sup>nd</sup> floor interior wall framing
- Continue 1<sup>st</sup> & 2<sup>nd</sup> floor overhead mechanical and plumbing
- Continue fire sprinkler installation
- Continue electrical rough-in
- Continue exterior wall framing

# Construction Update and Look Ahead Schedule

## *COMPLETED TO DATE (FEBRUARY)*



### ONSITE UPDATE: NATATORIUM



# Construction Update and Look Ahead Schedule

## *COMPLETED TO DATE (FEBRUARY)*



### ONSITE UPDATE: GYMNASIUM



# Construction Update and Look Ahead Schedule

## *COMPLETED TO DATE (FEBRUARY)*



### OFFSITE UPDATE:



# Construction Update and Look Ahead Schedule

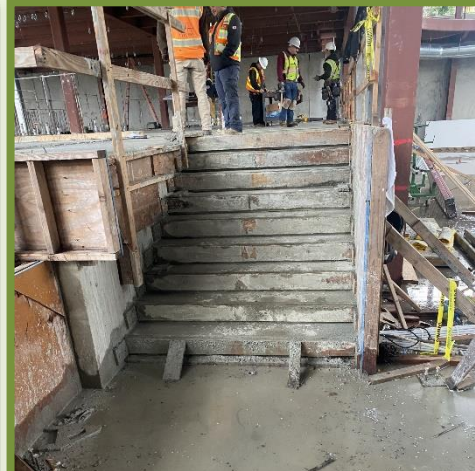
## COMPLETED TO DATE (MARCH)



### ONSITE UPDATE: NATATORIUM



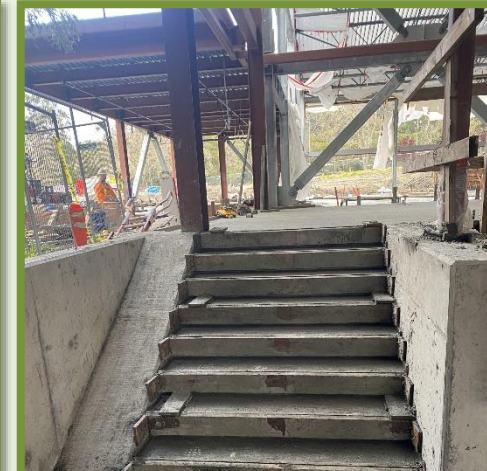
**POURED LINE 1 CONCRETE WALL**



**POURED STAIRS**  
(To Locker Rooms  
From Main Lobby)



**POURED STAIRS**  
(To Locker Room  
From Gymnasium)



**POURED STAIRS**  
(From Pool Lobby To 2<sup>nd</sup> Floor)



**POURED CONCRETE SLAB**  
(Pump Room & Pool Storage)



**POURED CONCRETE SLAB**  
(Women's Restroom, Men's Restroom & Showers)



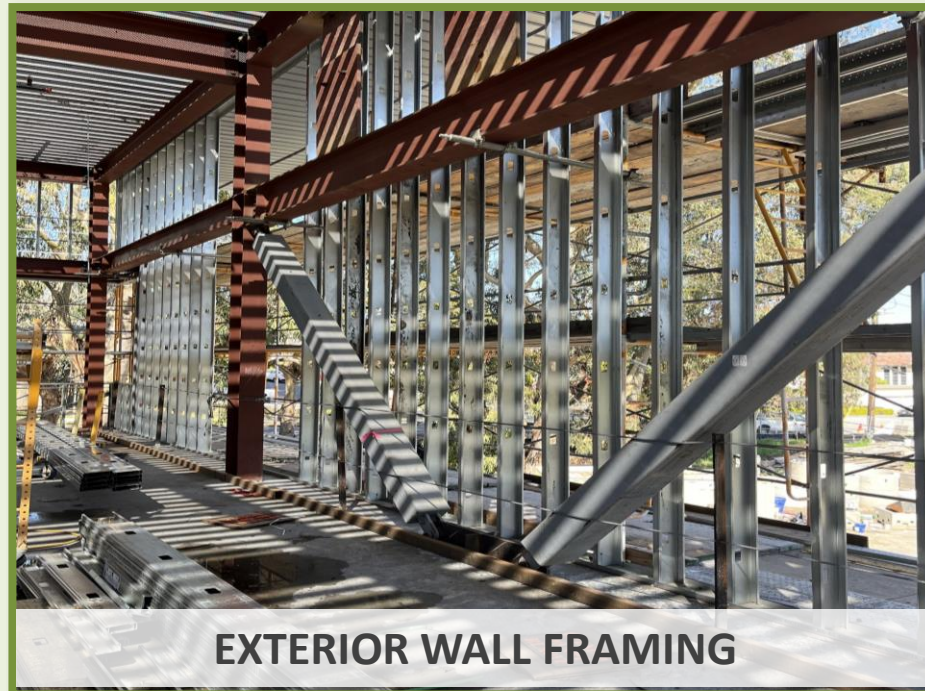
**POURED CONCRETE SLAB**  
(Party Rooms 1 & 2)

# Construction Update and Look Ahead Schedule

## *COMPLETED TO DATE (MARCH)*



### ONSITE UPDATE: GYMNASIUM



EXTERIOR WALL FRAMING



HVAC DUCT INSTALLATION



ELECTRICAL ROUGH-IN



INTERIOR WALL FRAMING OF GROUP EXERCISE ROOM 229

# Construction Update and Look Ahead Schedule

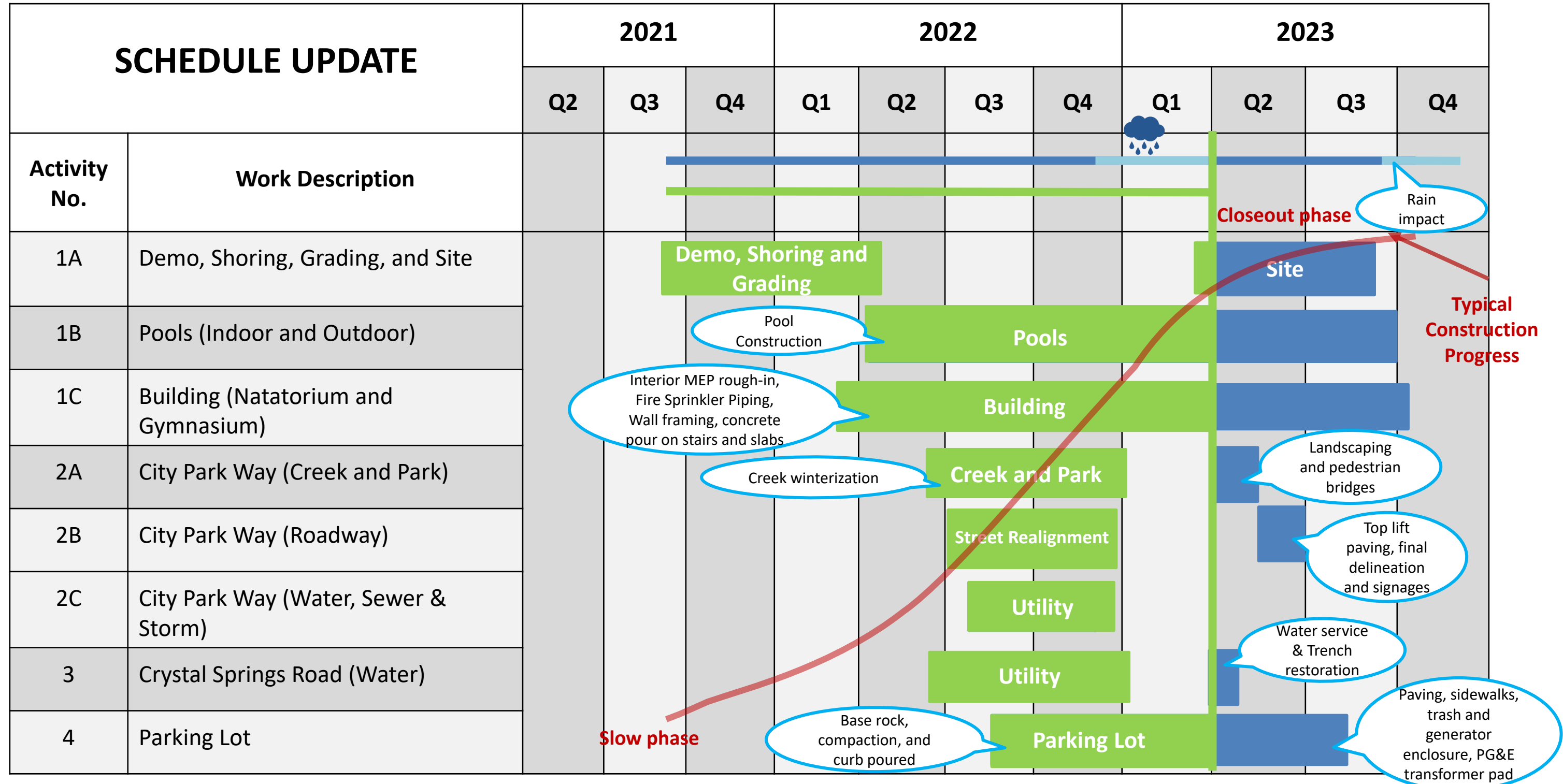
## *COMPLETED TO DATE (MARCH)*



### OFFSITE UPDATE:



# 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
- **Crystal Spring To Be Closed Daytime – To Remove Trees and Street Work**

# Construction Update and Look Ahead Schedule

## Project Budget Update



### Total Project Budget:

- \$60,540,228.00

### Total Expenses To Date:

- \$35,390,502.56 (58.46%)

### Pre-Construction Phase Cost Total:

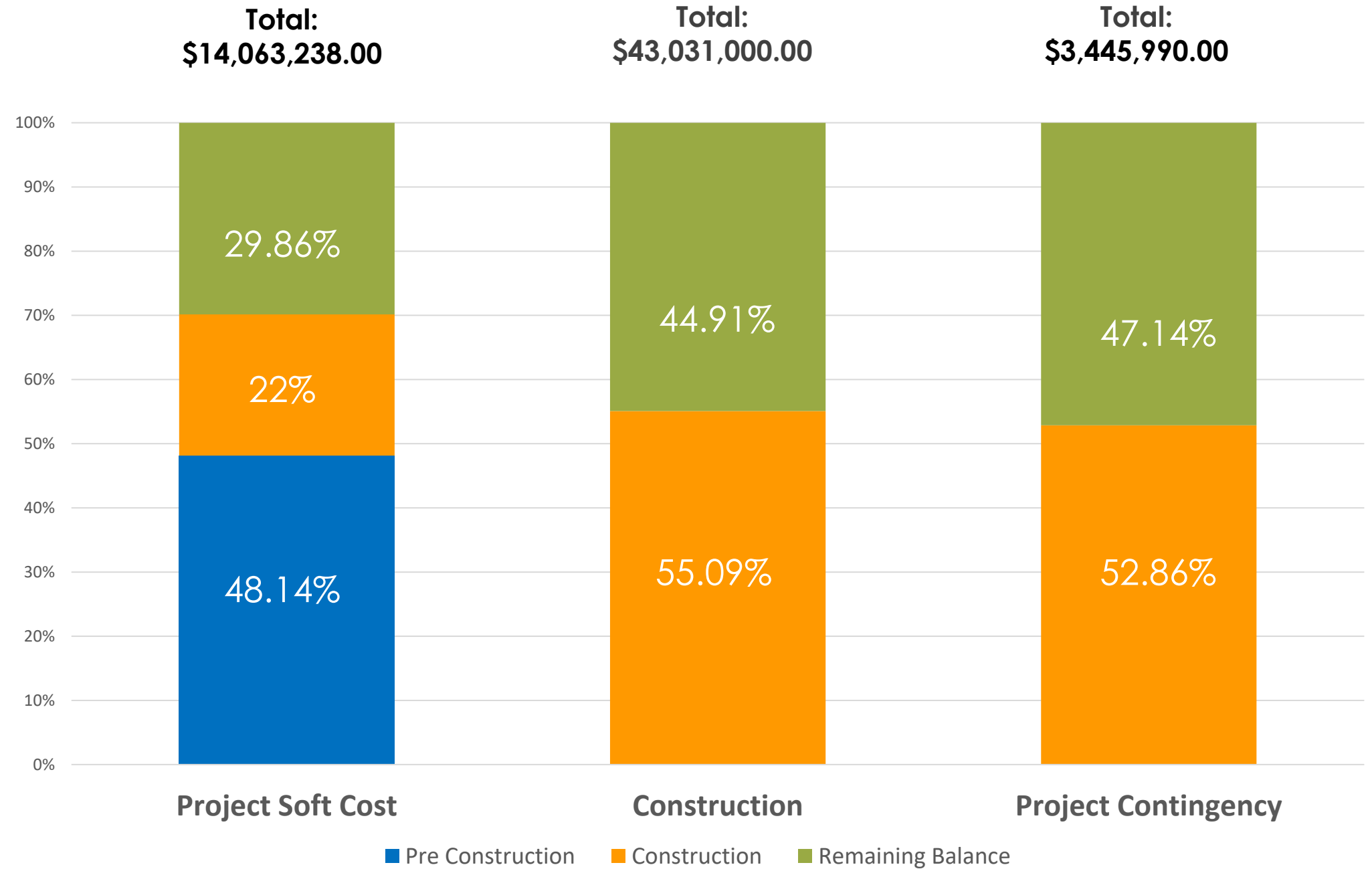
- \$6,770,384.00

### Construction Phase Cost To Date:

- \$28,620,118.56

### 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



# Construction Update and Look Ahead Schedule



## Project Funding Sources

SBCF FUNDS

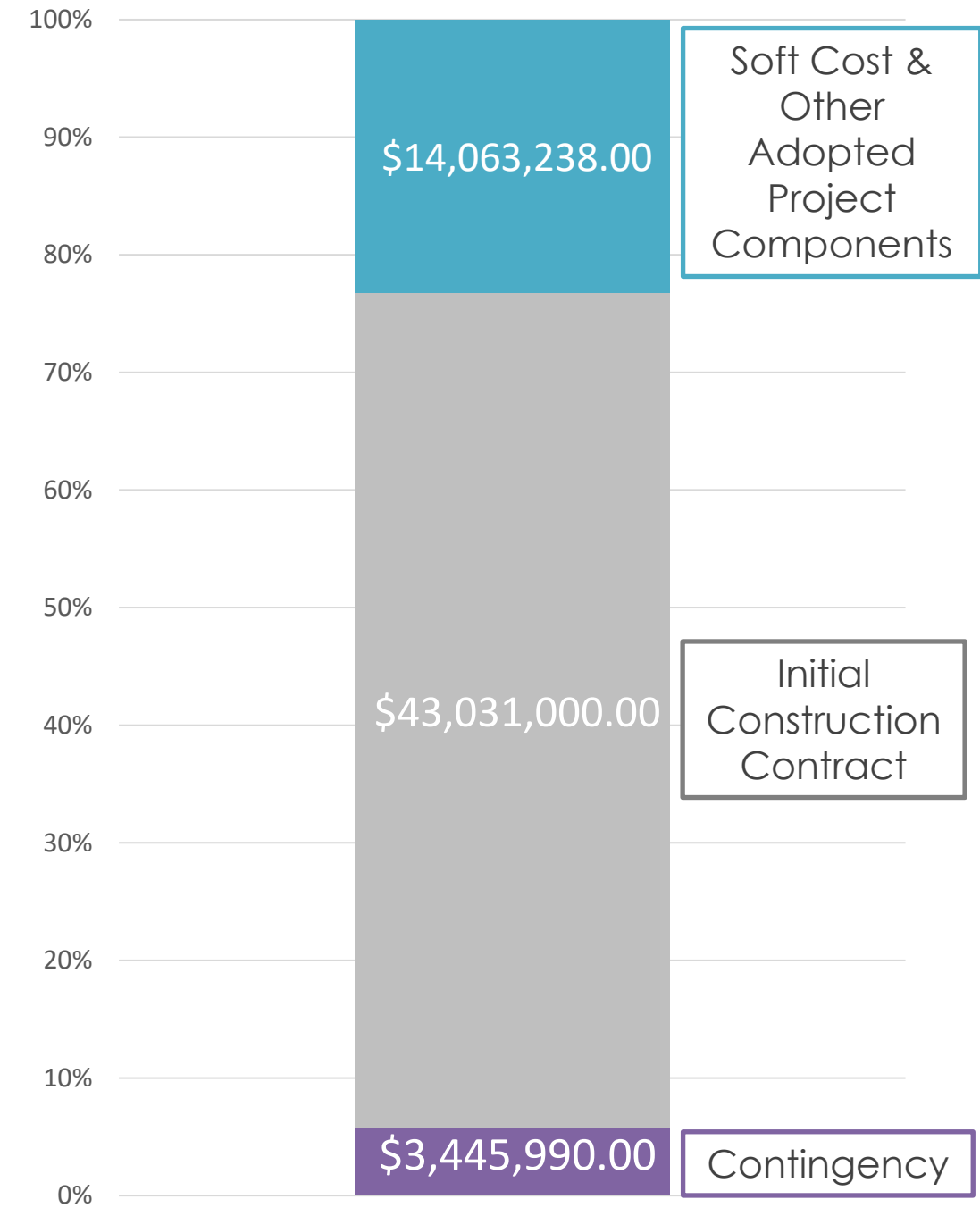
GRANT #1 – Conceptual Design Phase
GRANT #2 – A/E Phase
GRANT #3 – PM Services by Griffin
GRANT #4 – Compliance Review
GRANT #5 – Temporary Facilities
GRANT #6 – Strategic Business Plan
GRANT #7 – Lara Field Parking Lot
GRANT #8 – 94% Construction Contract (\$40,464,454.15)
<b>SUB-TOTAL: \$50,000,000.00</b>

NON-SBCF FUNDS

Measure A and Gas Tax Fund (Traffic Signal)
Park-In-Lieu
Sewer Fund
Water Fund
YouTube
PG&E Settlement Funds, Ex Parte Disclosures
City Fund
Residuals Funds from Crestmoor Neighborhood Rebuilt Project
<b>SUB-TOTAL: \$10,550,000.00</b>
<b>TOTAL: \$60,550,000.00</b>

## RAC Project Budget

Total:  
\$60,540,228.00



# Construction Update and Look Ahead Schedule



## Project Funding Sources

## RAC Project Budget/Expenditures

### Fund Sources

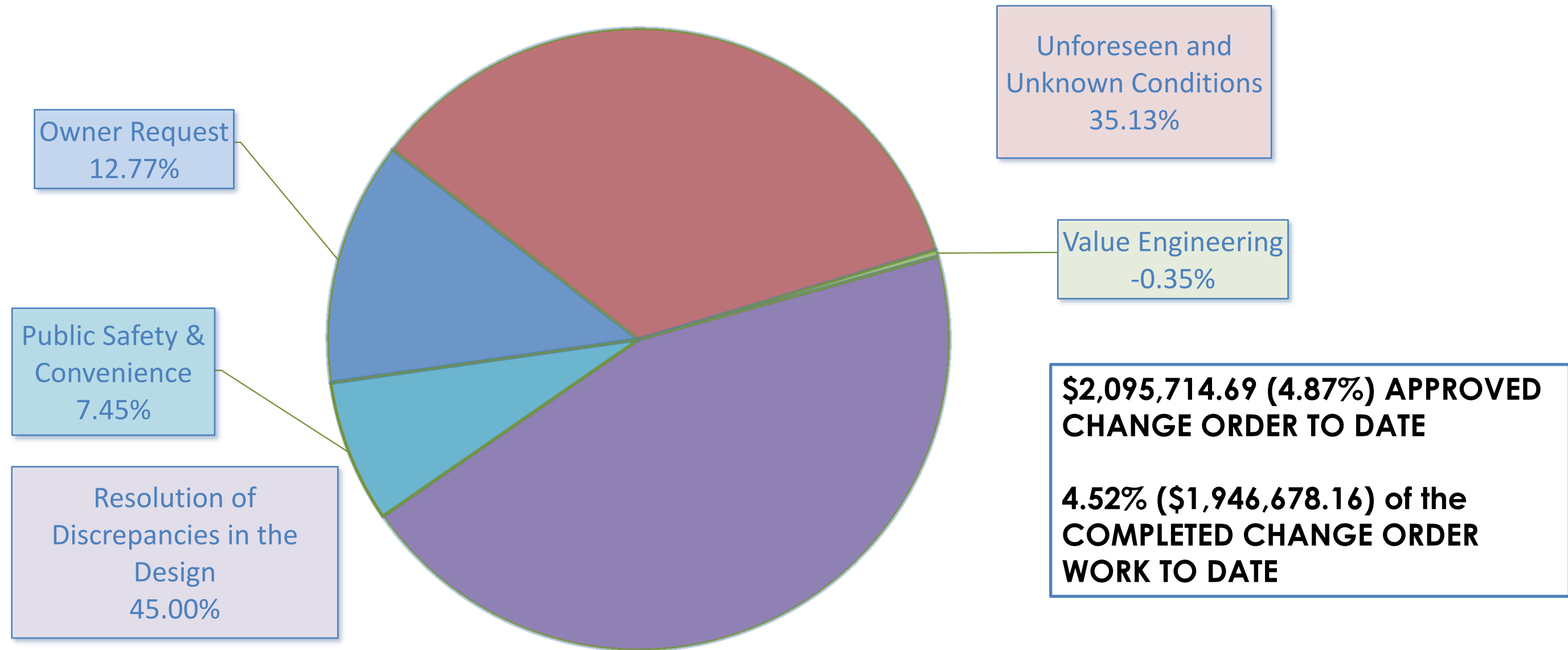
RECREATION & AQUATIC CENTER FUNDING	
<b>Original RAC Budget</b>	
San Bruno Community Foundation Grant	\$50,000,000.00
Park In-Lieu Fund	\$ 1,720,000.00
YouTube CB (1400/1450 Bayhill)	\$ 4,500,000.00
PG&E Settlement Funds	\$ 1,000,000.00
Residual Funds from Crestmoor Neighborhood Rebuilding	\$ 900,000.00
Water Fund	\$ 594,000.00
Sewer Fund	\$ 476,000.00
Measure A and Gas Tax Fund	\$ 750,000.00
City Art	\$ 50,000.00
<b>Subtotal</b>	<b>\$59,990,000.00</b>
<b>Feb 2022 Amendments</b>	
Water Fund	\$ 346,000.00
Sewer Fund	\$ 104,000.00
Park In-Lieu Fund	\$ 110,000.00
<b>Subtotal</b>	<b>\$ 560,000.00</b>
<b>ADOPTED BUDGET GRAND TOTAL</b>	<b>\$60,550,000.00</b>
<b>GF Capital Reserve Fund (Beckner Shelter Road &amp; Parking Lot Repaving)</b>	<b>\$ 250,000.00</b>
<b>Additional San Bruno Community Foundation Grant (New Request)</b>	<b><u>\$ 1,500,000.00</u></b>
<b>PROPOSED APPROXIMATE BUDGET GRAND TOTAL</b>	<b>\$62,300,000.00</b>

### Expenditures

RECREATION & AQUATIC CENTER EXPENDITURES		
Initial Adopted Project Components	Cost	Fund Sources
Design and Pre-construction costs		SBCF, City Funds
Building Construction		
Relocate Memorial Structure		
Tom Lara Field Parking Lot Realignment		
Rotary Pavilion Concrete Pad & Electrical		
Traffic Signal @ City Parkway		
City Park Way Road Realignment		
<b>Subtotal</b>	<b>\$54,398,590.51</b>	
<b>Other Connected Adopted Project Components</b>		
Water Line Replacement in City Park Way	\$ 940,000.00	City Water/Sewer Enterprise Funds
Sewer Pipeline Replacement in City Park Way	\$ 580,000.00	
<b>Subtotal</b>	<b>\$1,520,000.00</b>	
<b>Change Orders Connected to Adopted Project Components</b>		
Approved Change Orders (Not Including Desoto Sidewalk)	\$2,031,762.79	City Funds
Anticipated Change Orders	\$1,018,922.05	
Additional 30 Tree Removals	\$ 201,600.00	
<b>Subtotal</b>	<b>\$3,316,236.74</b>	
<b>Additional Scope Added After Initial Project Adoption</b>		
Desoto Sidewalk Enhancements	\$ 63,951.90	City Funds
Beckner Shelter Road	\$ 950,000.00	
<b>Subtotal</b>	<b>\$1,013,000.00</b>	
<b>Construction Contingency</b>		
Current Contingency Balance	\$ 605,400.75	City Funds SBCF
New Contingency Request	\$1,500,000.00	
<b>Subtotal</b>	<b>\$2,105,400.75</b>	
<b>TOTAL PROJECT BUDGET</b>	<b>\$62,290,228.00</b>	



## Change Order Report



# Construction Update and Look Ahead Schedule

## Approved Change Order Report



<u>CO No.</u>	<u>FO No.</u>	<u>DESCRIPTION</u>	<u>REASON FOR CHANGE</u>	<u>AMOUNT</u>
1	F.O. # 1	Additional abatement at the Pool Building and the Gym	UU - Hazardous Material	\$ 34,223.91
1	F.O. # 2	Installation of a 10" water bypass line per RFI 19 response	DDR - Constructability	\$ 210,095.59
1	F.O. # 3	Capping of unforeseen sewer lines found during demo of the Pool Building per RFI 40 response	OR - Constructability	\$ 6,585.00
1	F.O. # 4	Additional off-haul of contaminated concrete debris	UU - Hazardous Material	\$ 10,500.00
1	F.O. # 5	Additional tree removal along Crystal Springs Road per RFI 96 response	PSC - Public Safety	\$ 81,743.75
2	F.O. # 6	Sidewalk and Crosswalk addition at City Park Way	PSC - Public Convenience	\$ 63,951.90
3	F.O. # 7	Contaminated Spoils Off-Haul Disposal Premium (Shoring Wall/Site Grading)	UU - Environmental Requirements	\$ 172,272.41
3	F.O. # 8	Contaminated Spoils Off-Haul Disposal Premium (Boring/Footing/Foundation Excavation)	UU - Environmental Requirements	\$ 126,921.57
4	F.O. # 9	Additional Haz Mat Removal Abatement - Transite Pipe	UU - Hazardous Material	\$ 7,682.60
4	F.O. # 10	RFI 166 GeoFabric and Drainrock at Existing pool due to groundwater/pool soil conditions	DDR - Constructability/Code	\$ 36,504.11
4	F.O. # 11	T&M Removal of Concrete Foundation for Monument	DDR - Constructability	\$ 1,721.36
4	F.O. # 12	Shoring Walls Soils Change In Condition	UU - Constructability/Unforeseen	\$ 9,111.69
4	F.O. # 13	RFI 174 Credit for Add Service for Shotcrete in lieu of CIP	VE - Value Engineering	\$ (7,300.00)
5	F.O. # 14	ASI 3 Plumbing Changes at Pump Room – Added a new sump, rerouted deck drain, new SD line	DDR - Constructability/Code	\$ 118,301.90
5	F.O. # 15	RFI 42-42.3, RFI 94 New Plumbing Drains & Fixtures for Shower Areas	DDR - Maintainability/Code	\$ 86,569.06
5	F.O. # 16	ASI 6/RFI 68/68.1 Revisions to Restroom 118 & 176 – Changed child toilets to adult toilets	DDR - Constructability	\$ 10,208.06
5	F.O. # 17	RFI 160 Provide Trap Primers @ Floor Sinks	DDR - Maintainability/Code	\$ 6,122.81
5	F.O. # 18	RFI 162 Increase Plumbing Vent Sizing	DDR - Code Compliance	\$ 24,451.50
5	F.O. # 19	RFI 151 Upsize Grease Waste	DDR - Constructability	\$ 2,119.67
5	F.O. # 20	RFI 176 Provide 2" Plumbing Venting as directed	DDR - Code Compliance	\$ 10,211.09
5	F.O. # 21	RFI 172 Provide CW piping to server RH-1	DDR - Maintainability/Code	\$ 1,783.06
5	F.O. # 22	RFI 202 Condensate Piping at AC3	DDR - Maintainability/Code	\$ 3,758.02
5	F.O. # 23	RFI 168 Upsize Gas Pipe for Pool Boilers	DDR - Maintainability/Code	\$ 4,439.04
6	F.O. # 24	ASI 04 Expansion Joint Revisions	DDR – Constructability	\$ 3,607.80
6	F.O. # 25	ASI 07 Structural Revisions	DDR - Constructability/Code	\$ 207,002.25

UU – Unknown/Unforeseen

OR – Owner's Request

DDR – Design Discrepancy Resolution

PSC – Public Safety and Convenience

VE – Value Engineering

EO – Errors and Omission

# Construction Update and Look Ahead Schedule

## Approved Change Order Report



<u>CO No.</u>	<u>FO No.</u>	<u>DESCRIPTION</u>	<u>REASON FOR CHANGE</u>	<u>AMOUNT</u>
6	F.O. #26	ASI 2 Elevator Shaft Steel/Overrun Revisions	DDR - Constructability	\$ 7,404.60
6	F.O. #27	RFI 134 Provide Additional Contuity Plates	DDR – Structural/Code	\$ 12,394.20
6	F.O. #28	Credit Unused Balance of GeoPier Allowance	VE - Unused Allowance	\$ (177,250.00)
6	F.O. #29	RFI 152 Additional Kicker Braces at Deck Edges	DDR – Structural/Code	\$ 1,114.05
6	F.O. #30	Metal Decking Material Price Increase	DDR – Code Compliance	\$ 167,399.34
7	F.O. #31	COR 52 Structural Steel Fabrication Cost Increase	DDR – Code Compliance	\$ 336,295.65
8	F.O. #32	COR 11 ASI 5 Rail Revisions	DDR – Maintainability/Code	\$ (11,046.00)
8	F.O. #33	COR 38 Openpath access control system	DDR - Maintainability	\$ 3,906.00
8	F.O. #34	COR 46 R1 Added tube steel near corner windows	DDR - Constructability	\$ 31,141.95
8	F.O. #35	BAAQMD Permit Fee	DDR - Code Compliance	\$ 4,322.00
8	F.O. #36	COR 55 Aluminum duct at the natatorium	DDR - Maintainability	\$ 1,180.20
8	F.O. #37	COR 57 ASI 13 Glazing Revision at South Elevation	OR - Maintainability	\$ 2,943.24
8	F.O. #38	COR 59 Revised deck drain POC and pipe size	DDR - Constructability	\$ 1,825.14
9	F.O. #39	RFI 104 Mini-split Integration	DDR/OR - Maintainability	\$ 13,672.05
10	F.O. #40	RFI 336 Provide Aqua Drop Feature	DDR - Constructability/Code	\$ 11,701.20
10	F.O. #41	RFI 221 Delete Interior Pool timing system and starting blocks	OR - Maintainability	\$ (93,043.00)
10	F.O. #42	ASI 14 Extend Indoor Pool stair and add rails	OR - Public Convenience	\$ 39,162.90
11	F.O. #43	Door Hardware revisions per RFI 149 and Submittal Comments	OR - Maintainability	\$ 9,545.51
11	F.O. #44	RFI 206 & Rebar Shop Drawing Mark-Ups - 3 footing locations required additional rebar	DDR - Constructability	\$ 49,909.65
11	F.O. #45	RFI 264 Metal Stud Framing Revisions @Bleachers	DDR - Constructability	\$ 14,873.25
11	F.O. #46	Added Trim Bars per SSK-047 - Submittal #630	DDR- Constructability	\$ 3,257.10
11	F.O. #47	RFI 349 Extend /deck Angles	DDR - Constructability	\$ 9,402.75
11	F.O. #48	Masonry Revisions per Submittal 47.1/RFI 384	DDR - Constructability	\$ 2,744.05
12	F.O. #49	Contaminated Spoils Off-Haul and Disposal	UU - Environmental Requirements	\$ 137,772.03
13	F.O. #50	ASI 9R - Creek Extension	OR – Maintainability/Env. Reqt	\$ 282,645.49
<b>TOTAL</b>				<b>\$2,095,714.69</b>

UU – Unknown/Unforeseen

OR – Owner's Request

DDR – Design Discrepancy Resolution

PSC – Public Safety and Convenience

VE – Value Engineering

EO – Errors and Omission

# Construction Update and Look Ahead Schedule



## Approved Change Order Report

### Additional Large Tree Removal

**CHALLENGES:**

ADDITIONAL OVERMATURE TREES BEHIND THE FUTURE RAC BUILDING HAD TO BE REMOVED TO PROTECT THE PUBLIC AND THE NEW BUILDING.

**SOLUTION:**

Remove Eucalyptus trees for public safety.

**COST:** \$81,743.75

### ARBORIST REPORT

ID	Species	Management/Mitigation	CONDITION
136	<i>Eucalyptus globulus</i>	Remove and replace	Overmature, hazardous tree.
137	<i>Eucalyptus globulus</i>	Remove and replace	Overmature, hazardous tree.
138	<i>Eucalyptus globulus</i>	Remove and replace	Overmature, hazardous tree.
139	<i>Eucalyptus globulus</i>	Remove and replace	Overmature, hazardous tree.
141	<i>Eucalyptus globulus</i>	Remove and replace	Overmature, hazardous tree.
143	<i>Eucalyptus globulus</i>	No action needed	Poor structure.
146	<i>Eucalyptus globulus</i>	No action needed	Poor structure, diseased.
149	<i>Eucalyptus globulus</i>	No action needed	Dead.
152	<i>Eucalyptus globulus</i>	No action needed	Overmature with dead branches.
158	<i>Eucalyptus globulus</i>	No action needed	Dying.

### Seismic Braces Load Adjustments For Code Compliance

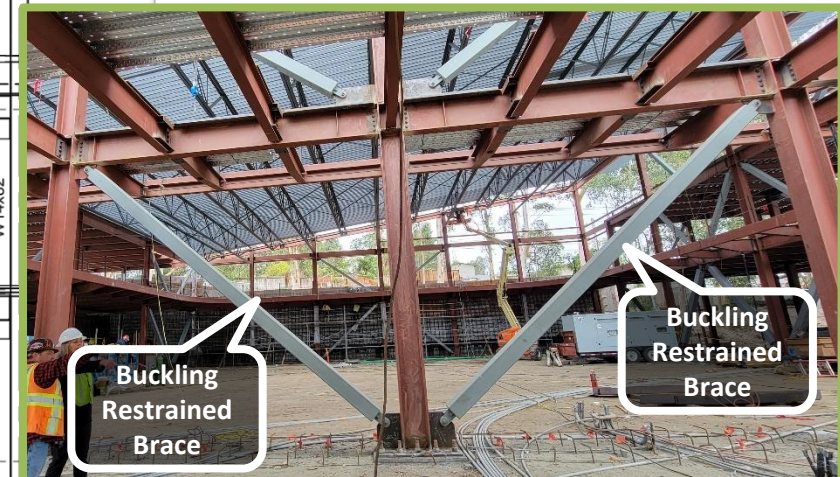
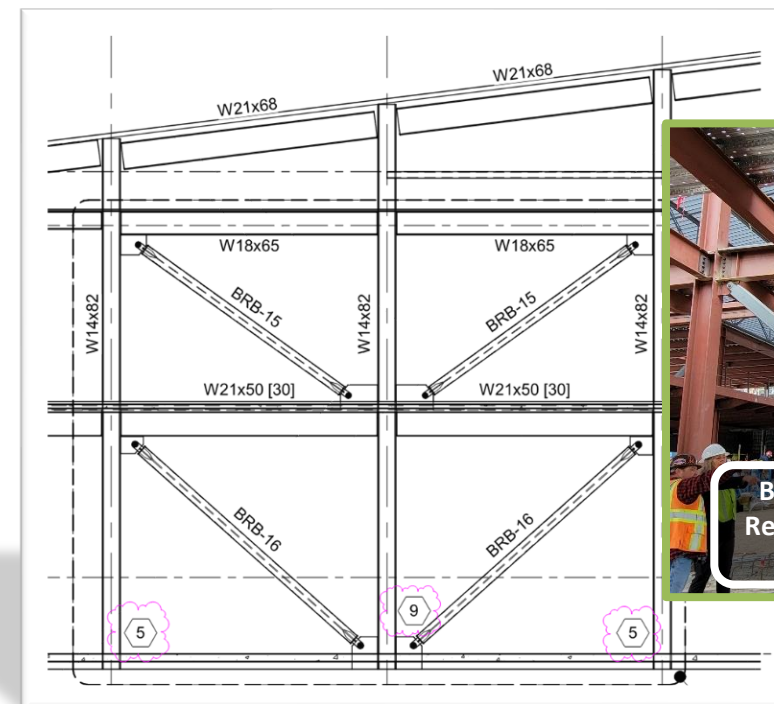
**CHALLENGES:**

STRUCTURAL LOADING DESIGN CHANGE TO MEET LATEST SEISMIC CODE REQUIREMENTS FOR THE SEISMIC BRACES.

**SOLUTION:**

The lateral base plates, located at the bases of the Buckling Restrained Braces columns need to be upsized based on RAM Column analysis and earthquake loads that were provided by Buckling Restrained Braces (BRB) manufacturer CoreBrace.

**COST:** \$207,202.25



# Construction Update and Look Ahead Schedule



## Approved Change Order Report

### Main Building's Structural Framing System For Code Compliance

#### CHALLENGES:

STRUCTURAL REVISIONS REQUIRED ADDITIONAL FABRICATION AND STEEL ERECTION COST TO MEET DESIGN REQUIREMENTS AND SCHEDULE.

#### SOLUTION:

Compensate the additional labor and equipment cost.

COST: \$336,295.65



### Installation of 10" Water Bypass Line

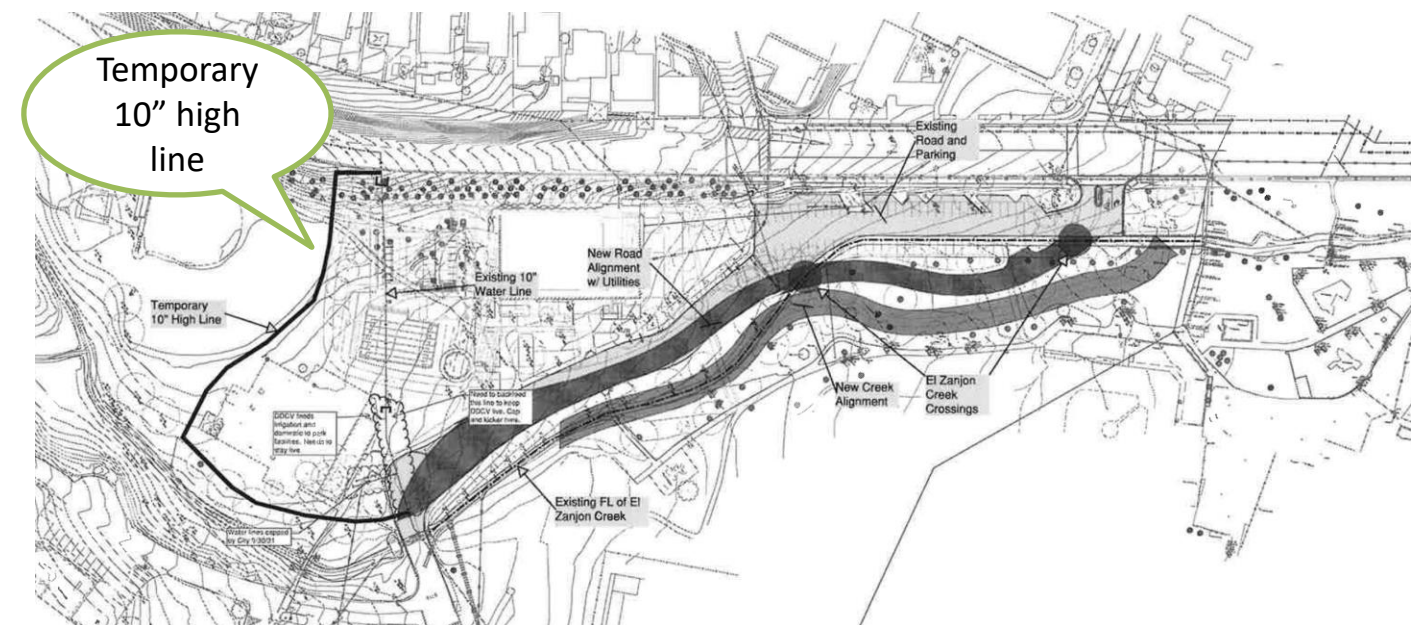
#### CHALLENGES:

CONFLICT WITH THE EXISTING 10" WATER LINE. An active 10" waterline which runs from Crystal Springs Road, down toward the Pool and unto City Park Way is conflicting prior to Earthwork Operations.

#### SOLUTION:

Install 10" bypass waterline to allow for construction of the shoring wall and building foundation. The waterline, which serves the park and other areas beyond the park, will be in place for most of the project. The temporary water line maintained the Fire requirement head pressure.

COST: \$210,095.59



# Construction Update and Look Ahead Schedule



## Approved Change Order Report

### ASI 9R - Creek Extension

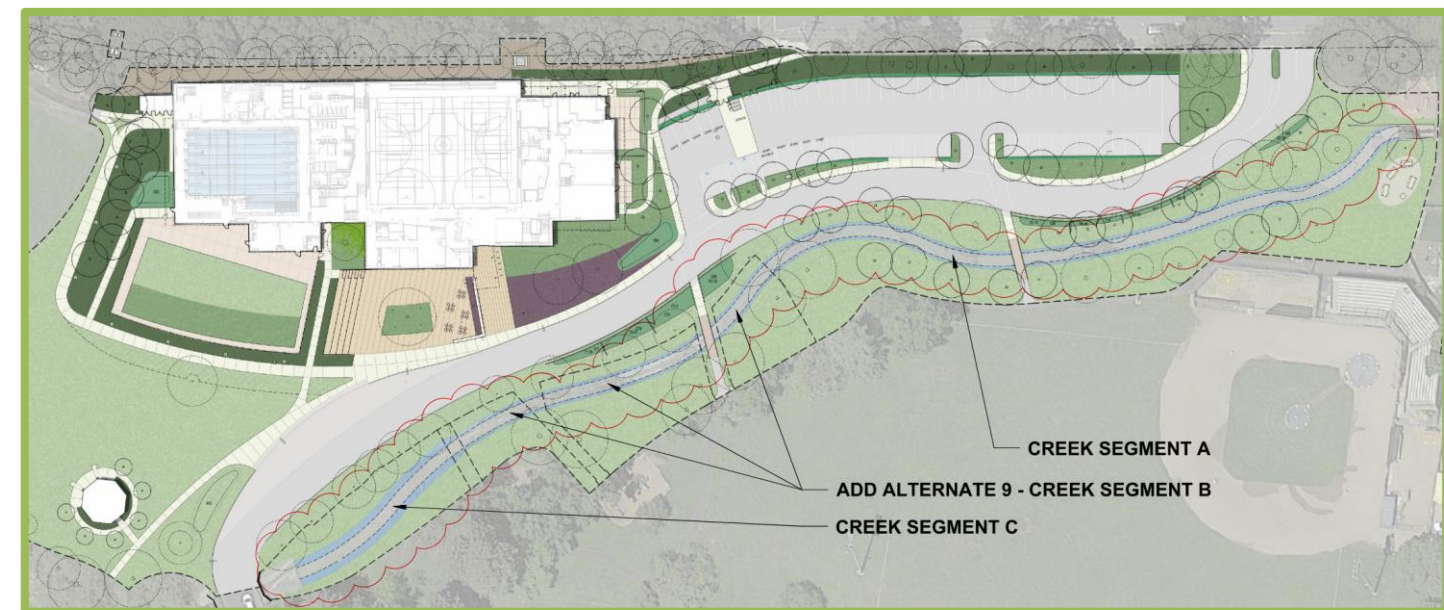
**CHALLENGES:**

TEMPORARY CREEK DIVERSION, ENVIRONMENTAL PERMIT REQUIREMENTS AND CREEK CAPACITY ANALYSIS REQUIRED TO EXTEND IMPROVEMENTS TO SECTION C.

**SOLUTION:**

ASI 9 was incorporated into the project to add **Segment C** as part of the restoration process to reduce inundation or risk of flooding by increasing the hydraulic capacity.

**COST:** \$282,645.49



### Contaminated Soil Disposal

**CHALLENGES:**

DURING THE WALL, FOUNDATION, ROAD AND CREEK EXCAVATION SURPLUS SOIL WAS FOUND TO BE CONTAMINATED WITH HIGH LEVEL OF PESTICIDE AND PETROLEUM.

**SOLUTION:**

Dispose surplus soil to special Class II dump site in Tracy, CA is the closest special dump site to accept the contaminated soil.

**COST:** \$ 447,361.01

**Torrent LABORATORY, INC.**

**Sample Result Summary**

Report prepared for: Kris Larson  
Ninyo & Moore

Date Received: 06/21/22  
Date Reported: 06/23/22  
2206174-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Chromium (STLC)	SW6010B	1	0.010	0.20	0.234	mg/L
Lead (STLC)	SW6010B	1	0.050	0.20	0.688	mg/L
Arsenic	SW6010B	1	0.15	1.30	3.73	mg/Kg
Barium	SW6010B	1	0.055	5.00	97.5	mg/Kg
Chromium	SW6010B	1	0.075	5.00	34.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	5.75	mg/Kg
Copper	SW6010B	1	0.20	5.00	13.2	mg/Kg
Lead	SW6010B	1	0.10	3.00	27.4	mg/Kg
Nickel	SW6010B	1	0.50	5.00	22.5	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	26.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	44.7	mg/Kg
TPH as Diesel	SW8015B	1	0.66	2.0	8.30	mg/Kg
TPH as Motor Oil	SW8015B	1	0.76	5.0	59.1	mg/Kg
Dieldrin	SW8081B	10	2.5	20	4.45	ug/Kg
pH in Soil	SW9045D	1	0.10	2.00	6.53	SU

# Construction Update and Look Ahead Schedule

## Potential Change Order Report



<u>DESCRIPTION</u>	<u>REASON FOR CHANGE</u>	<u>AMOUNT</u>	<u>Anticipated Work to be Completed</u>
ASI 11 Trash and Generator Enclosure Revisions	DDR - Maintainability	\$ 44,728.88	May 2023
RFI 45/ 45.1 Revisions to Electric Water Coolers	DDR - Constructability	\$ 12,235.64	June 2023
RFI 146 Epoxy Flooring Slope to Drains	DDR – Public Safety/Maintainability	\$ 52,920.00	March 2023
RFI 224 Delete Fall Protection	DDR - Code Compliance	(\$ 22,849.00)	Not Applicable
RFI 245/ 245.1/ 245.2 Wall Type Revisions – First floor restrooms & locker rooms	DDR - Constructability	\$ 87,882.73	July 2023
RFI 229/ 229.1 Fire Service Riser at Building	DDR – Fire Code Compliance	\$ 8,375.56	October 2022
RFI 273.1 Drain conflict at GL A & GL 1	DDR - Constructability	\$ 3,509.48	February 2023
ASI 12 Change RM 126B to PV Closet 126B	OR - Maintainability	\$ 13,321.35	July 2023
RFI 232 Revised EEW-1 Emergency Eyewash and Thermostatic Mixing Valve	DDR – Maintainability	\$ 4,401.79	July 2023
ASI 17 Revise lobby service desk & counter and convert RM 224 to an office	DDR – Maintainability	\$ 9,162.30	July 2023
ASI 16 Add Storefront at 2nd floor	OR – Public Convenience/Safety	\$ 68,046.13	July 2023
18 Ga GSM closure @ High Roof rake	DDR - Maintainability	\$ 15,157.80	June 2023
RFI 415 Exterior Deck Coating and Drains	DDR - Maintainability	\$ 22,478.32	June 2023
Demo and Remove buried concrete at Creek Tie-In	UU – Constructability	\$ 5,551.70	October 2022
5 Added Water Valves	OR – Maintainability	\$ 37,693.08	March 2023
Additional Paving Section beyond Contract Conform	UU - Maintainability	\$ 60,000.00	Fall 2023
RFI 358 Relocate FACP and add Smoke per AHJ	DDR - Code Compliance	\$ 13,382.00	June 2023
Hat Channel at Metal Roof for PV	DDR – PV Constructability	\$ 20,165.25	April 2023
RFI 300 Added Trap Primer (TP-1) and Primer Piping	DDR – Code Compliance	\$ 20,334.39	March 2023
RFI 135/ 148 Add Control Damper to DOAS-3	DDR - Maintainability	\$ 4,460.40	June 2023
ASI 21 Add Electrical Power to Flush Valves at Toilet and Urinals	DDR/OR - Maintainability	\$ 12,774.30	April 2023
RFI 43 Plumbing Impacts from Dimensional Changes	DDR - Maintainability	\$ 25,189.95	July 2023
RFI 417 Concrete Roof Curbs	DDR – Constructability	\$ 100,000.00	March 2023
<b>TOTAL</b>		<b>\$618,922.05</b>	
Contaminated Soil	Unforeseen Condition	<b>\$400,000.00</b>	

UU – Unknown/Unforeseen

DDR – Design Discrepancy Resolution

VE – Value Engineering

OR – Owner's Request

PSC – Public Safety and Convenience

EO – Errors and Omission

# Construction Update and Look Ahead Schedule



## Potential Change Order Report

### ASI 11 - Trash and Generator Enclosure Revisions

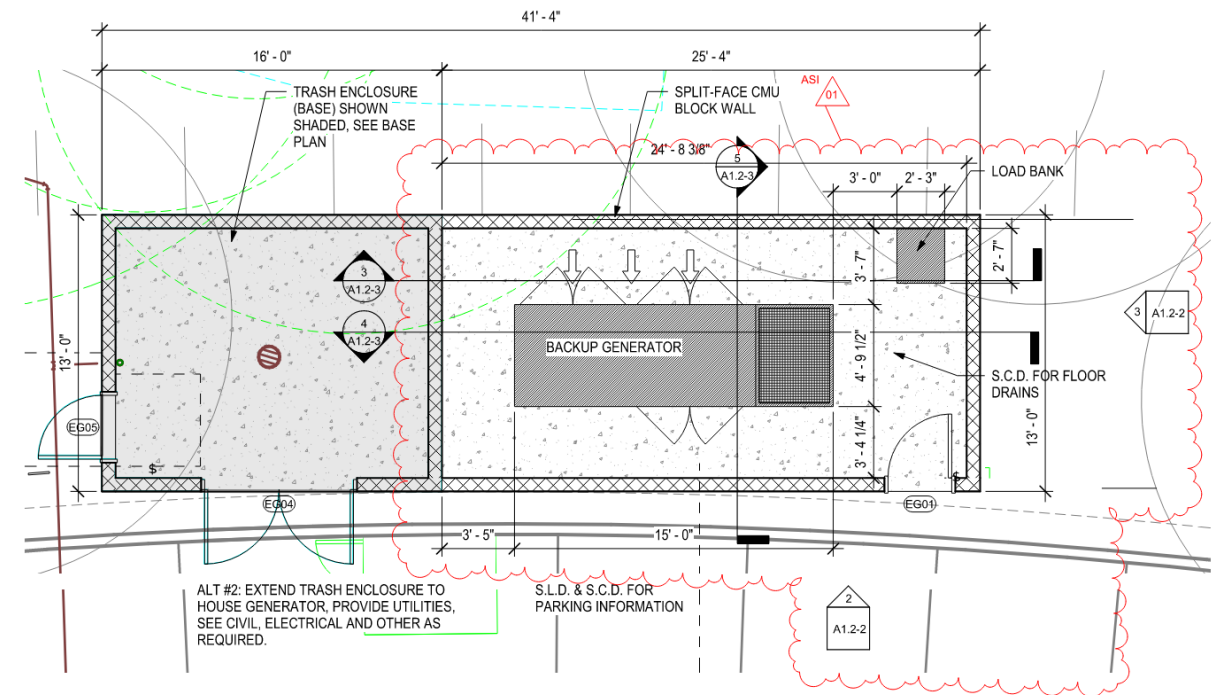
**CHALLENGES:**

AESTHETIC TO MEET PLANNING REQUIREMENTS - Aesthetic design changes to accommodate the size of the new generator.

**SOLUTION:**

Trash and Generator Enclosure's Wall and Roof needed to be modified.

**COST:** \$ 44,728.88



### RFI 245/ 245.1/ 245.2 CMU Wall to Stud Wall

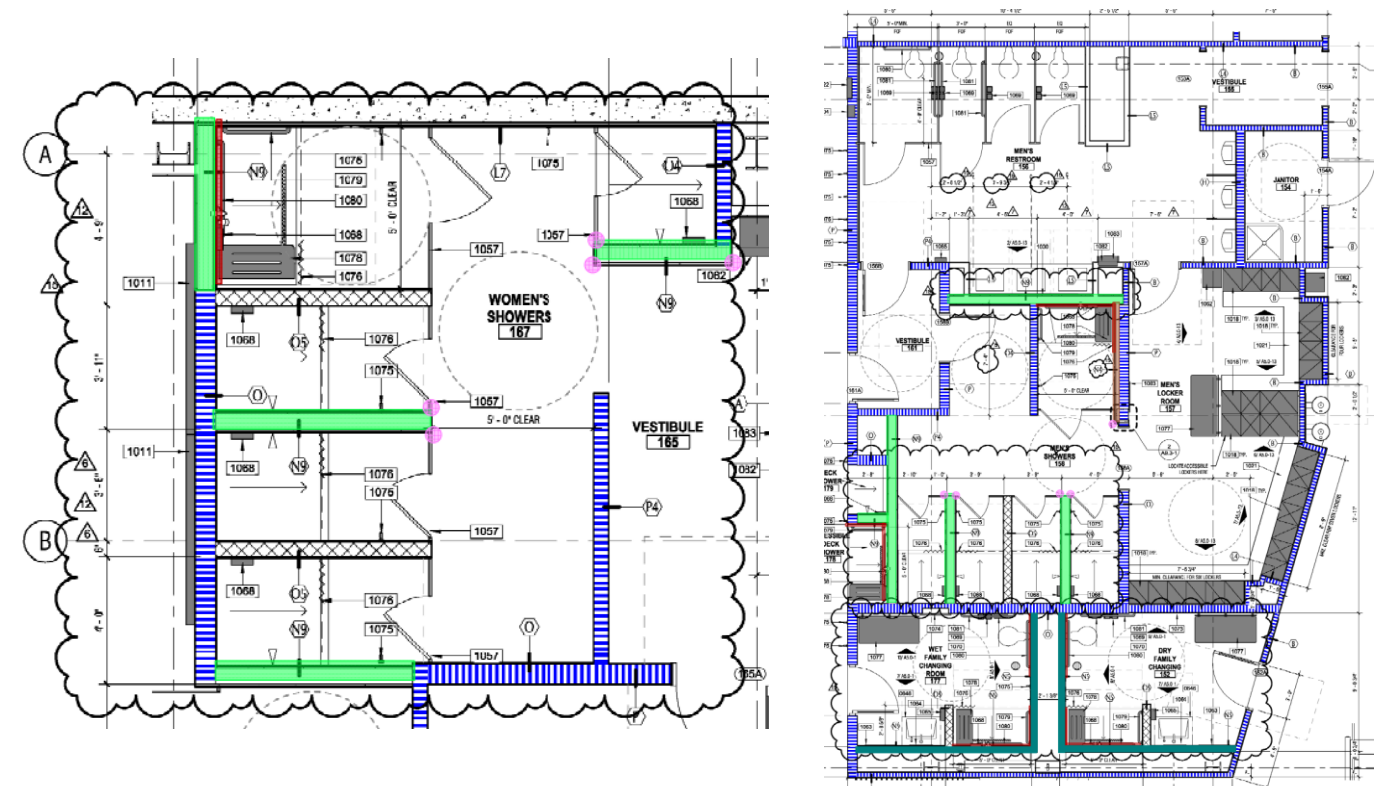
**CHALLENGES:**

REVISED CMU WALL TO STUD WALL: Per original design, some CMU walls will be blocked out for shower valves, supply piping, and vent piping. This is not structurally acceptable.

**SOLUTION:**

Change CMU wall to stud wall and concrete curbs to provide sufficient room for plumbing within walls.

**COST:** \$ 87,882.73



# Construction Update and Look Ahead Schedule



## Potential Change Order Report

### ASI 16 Add Storefront at 2nd floor

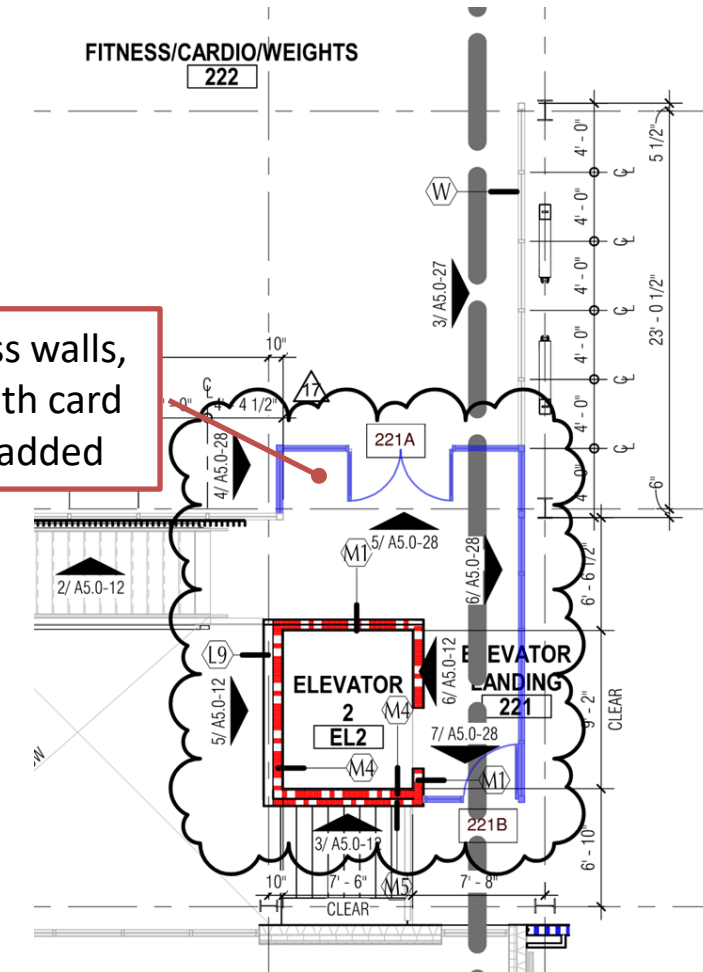
#### CHALLENGES:

ACCESS CONTROL - Owner's Request: Secure the area for City staff and control public access.

#### SOLUTION:

Add glass walls and doors with card readers.

COST: \$ 68,046.13



### Road Reconstruction

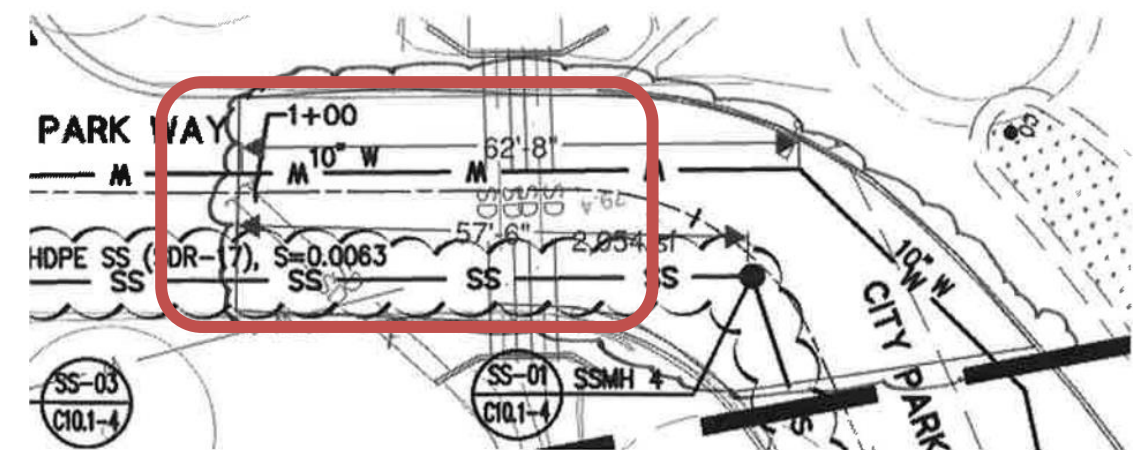
#### CHALLENGES:

ROAD RESTORATION – Due to utility conflicts, deep utility installation, and rain impact, the section of the road had to be redone.

#### SOLUTION:

Reconstruct the section of the road to meet pavement design requirements

COST: \$ 60,000.00



# Construction Update and Look Ahead Schedule



## Potential Change Order Report

### Mechanical Roof Curbs and Housekeeping Pads

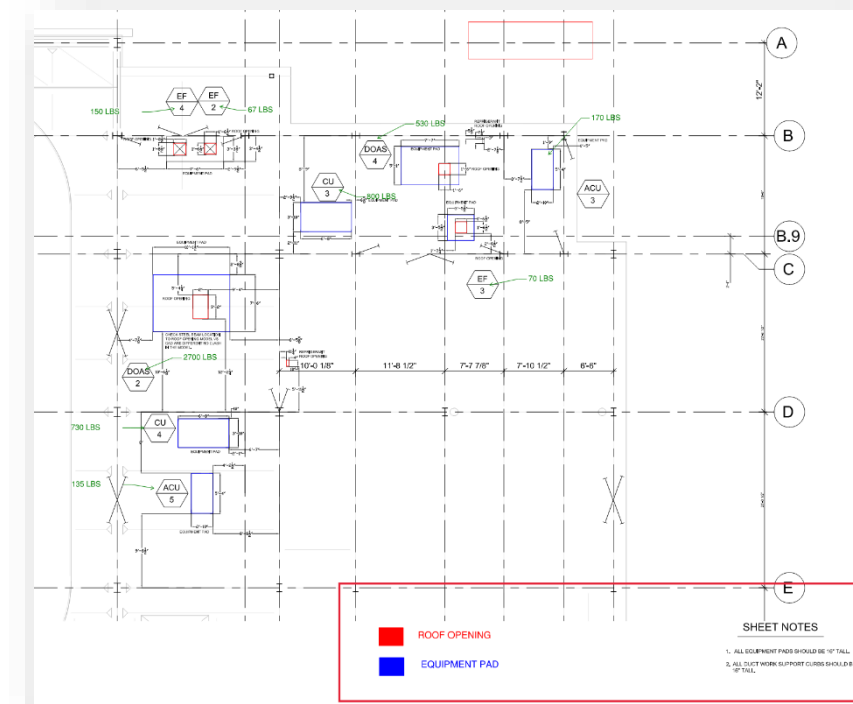
#### CHALLENGES:

MECHANICAL EQUIPMENT SUPPORT: Design changes to accommodate the roof mounting of the new mechanical equipment.

#### SOLUTION:

Concrete curbs and housekeeping pads needed to be modified to adequately support the new mechanical equipment on the roof.

COST: \$ 100,000.00



### Additional Contaminated Soil Disposal

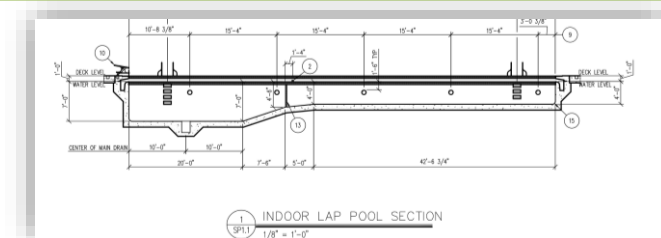
#### CHALLENGES:

POOL EXCAVATION - Soil is contaminated with pesticide and petroleum and there is an estimated 3,300 cubic yards of soil remaining to be off-hauled. This soil is from excavation of the indoor pool, outdoor pool, wading pool, parking lot and site grading.

#### SOLUTION:

Dispose contaminated soil to special Class II dump site in Tracy, CA.

COST: \$ 400,000.00



# Construction Update and Look Ahead Schedule



## *Additional Funds Request (SBCF)*

Current Budget (including contingency)		\$60,540,228.00
Approved Contingency		\$3,445,990.00
Change Order Approved To Date	(\$2,095,714.69)	60.82%
Remaining Contingency Balance		\$1,624,322.40
Potential Change Orders		(\$618,922.05)
Anticipated CO (Contaminated Soil Disposal)		(\$400,00.00)
<b>Anticipated Contingency Balance</b>		<b>\$605,400.75</b>

\$ 605,400.75 (4% of the estimated remaining work by July 2023 or 1.4% of the total construction cost)  
 + \$ 1,500,000.00 (+/- 10% of the remaining work to complete)  
\$ 2,105,400.75 +/-14% of the remaining work including added scope or 4.8% of the total construction

### PROPOSED PROJECT BUDGET:

\$ 60,540,228 Approved Budget  
 + \$ 1,500,000 Additional SBCF Fund  
 + \$ 250,000 CIP Fund Transfer For Beckner Shelter Road  
\$ 62,290,228 Proposed New Budget

# Construction Update and Look Ahead Schedule

## *WHAT'S HAPPENING NEXT 30 DAYS AND BEYOND?*



**INDOOR POOL EXCAVATION**



**CONTINUE WITH MEP**



**CONTINUE INSTALLING EXTERIOR WALL FRAMINGS**



**CONTINUE INSTALLING INTERIOR WALL FRAMINGS**

### **ONSITE WORK**

- Begin Indoor Pool Excavation
- Continue 1<sup>st</sup> and 2<sup>nd</sup> Floor Mechanical , Electrical, and Plumbing
- Continue interior wall frames
- Continue exterior wall frames and walls

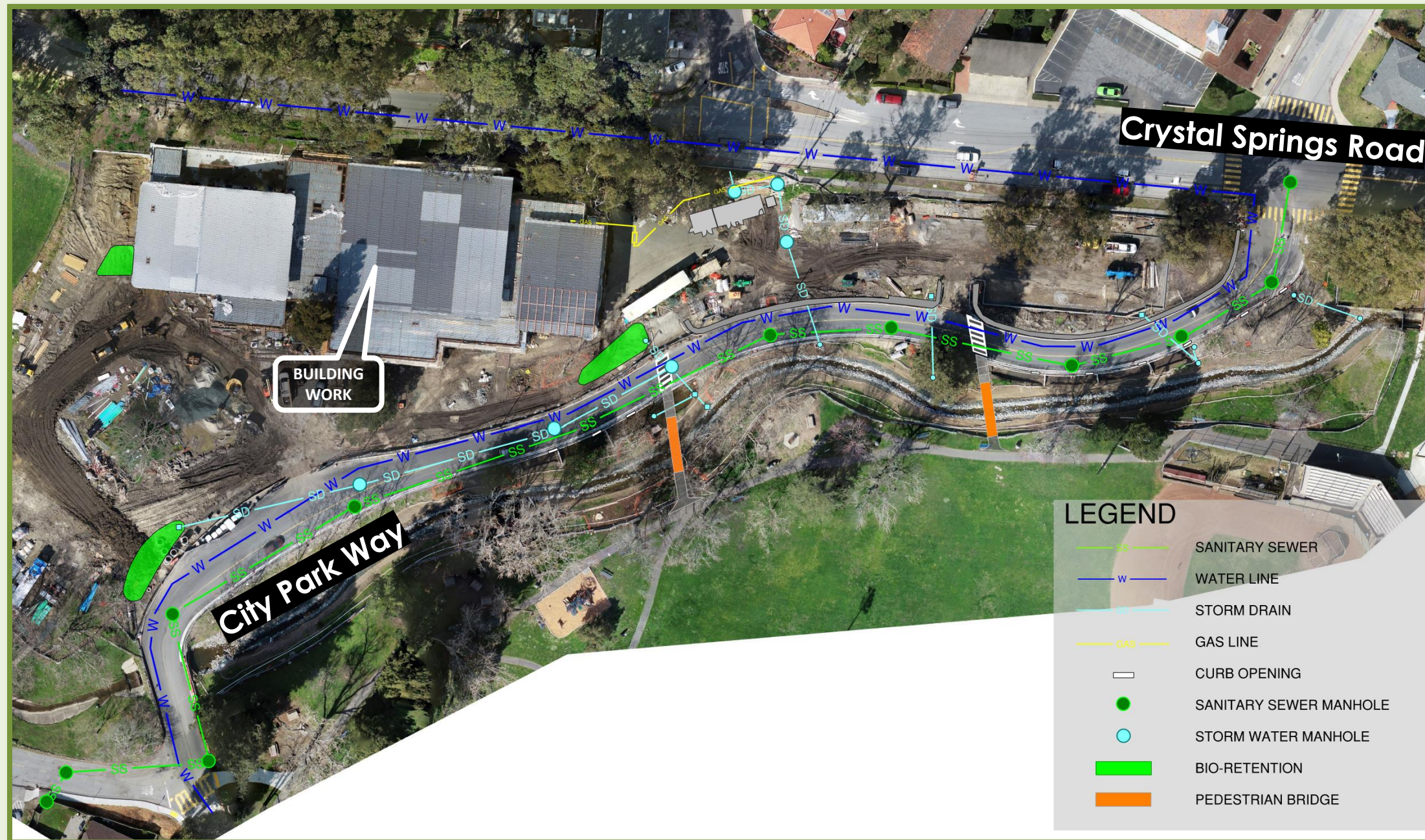
# Construction Update and Look Ahead Schedule



## WHAT'S HAPPENING NEXT 30 DAYS AND BEYOND?

### OFFSITE WORK

- Continue Storm Water Management
- Crystal Springs R. Trench Restoration
- Install 2 Water Services on Crystal Springs Rd.
- Parking Lot-Grading
- Trash and Generator Enclosure
- PG&E Transformer Pad
- PG&E Gas Line
- Creek Bank Restoration
- Exterior Pool Grading
- Irrigation / Landscape Work
- Pedestrian Bridge
- Bio-Retentions

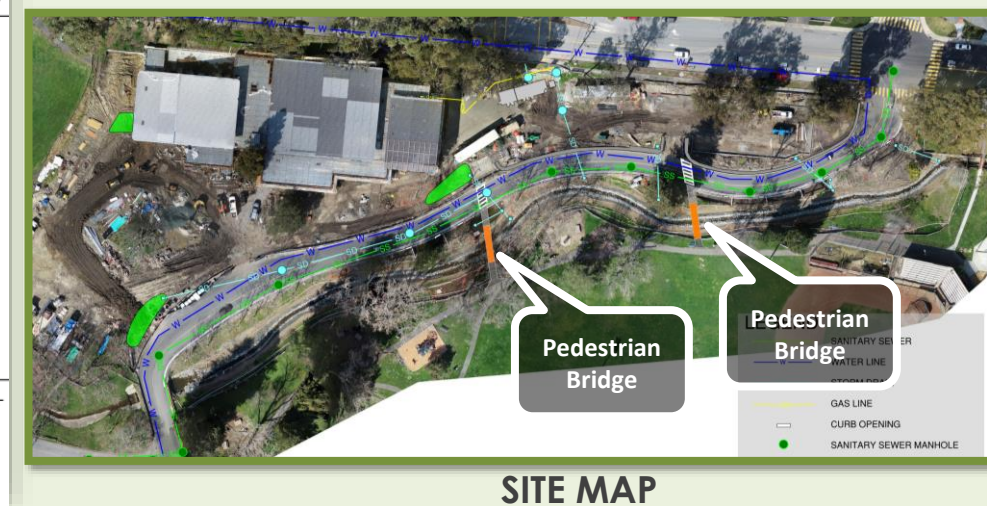
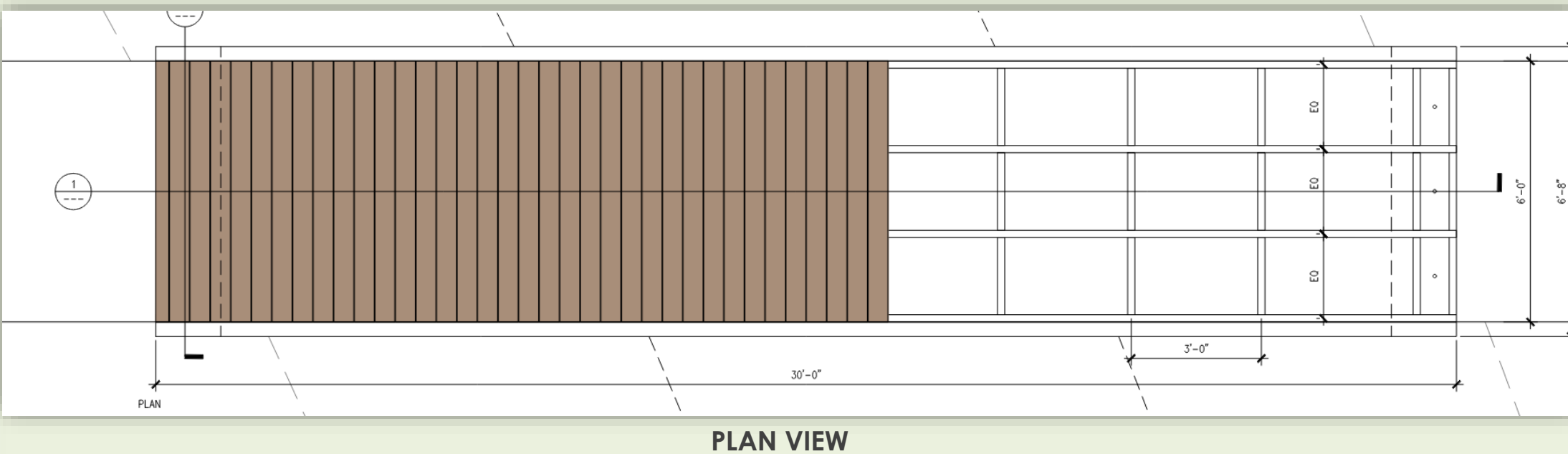
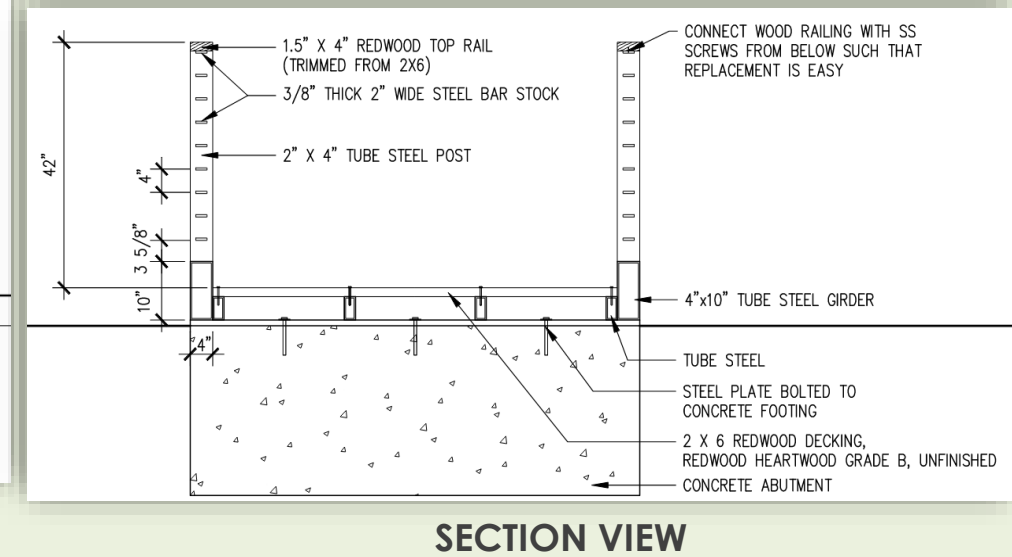
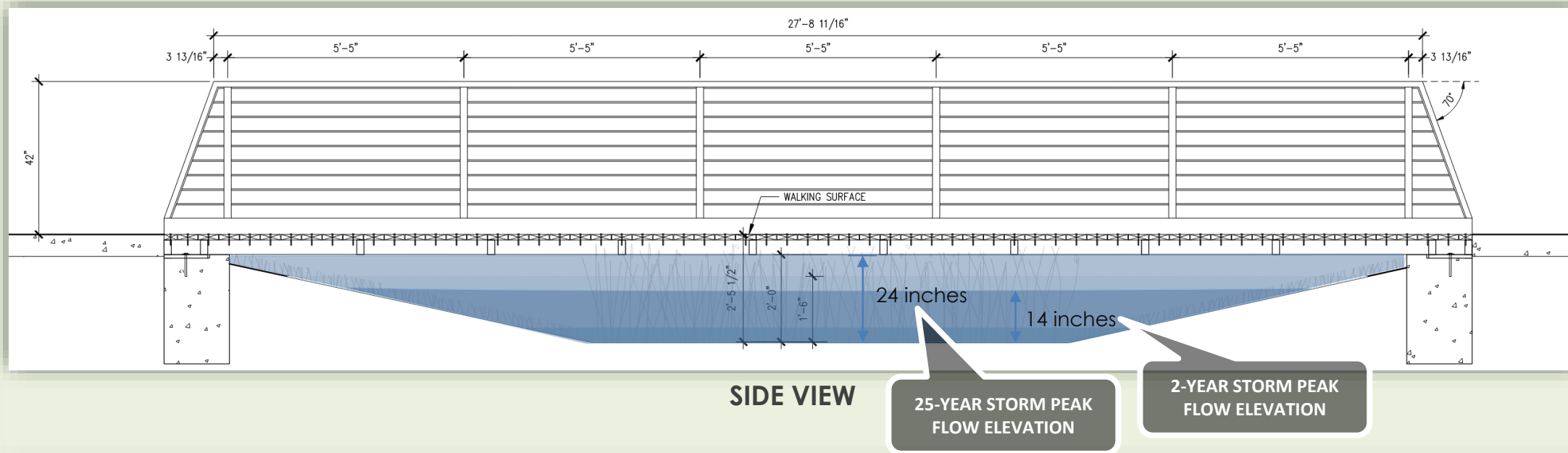


# Construction Update and Look Ahead Schedule



## WHAT'S HAPPENING NEXT 30 DAYS AND BEYOND?

### PEDESTRIAN BRIDGE DETAILS:

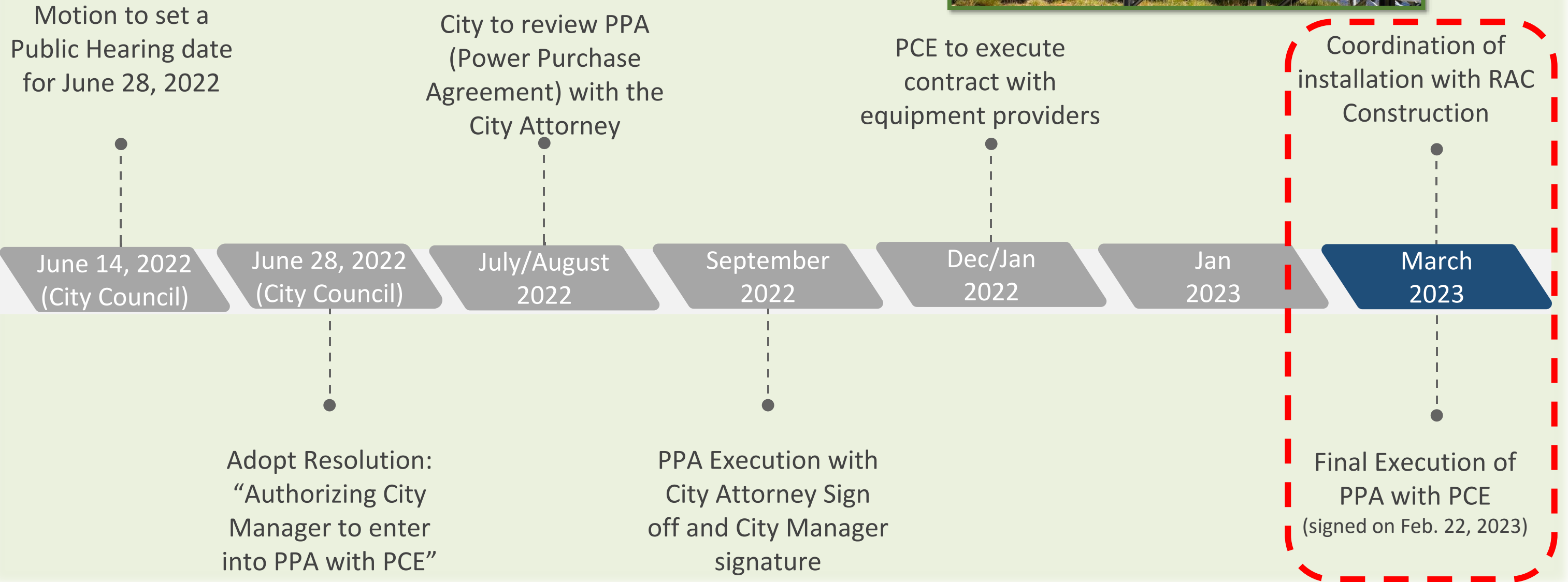


# Construction Update and Look Ahead Schedule

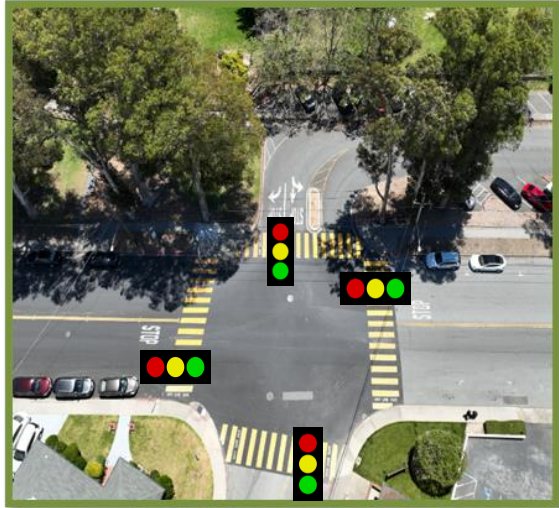
## *OTHER RELATED PROJECTS UPDATE*



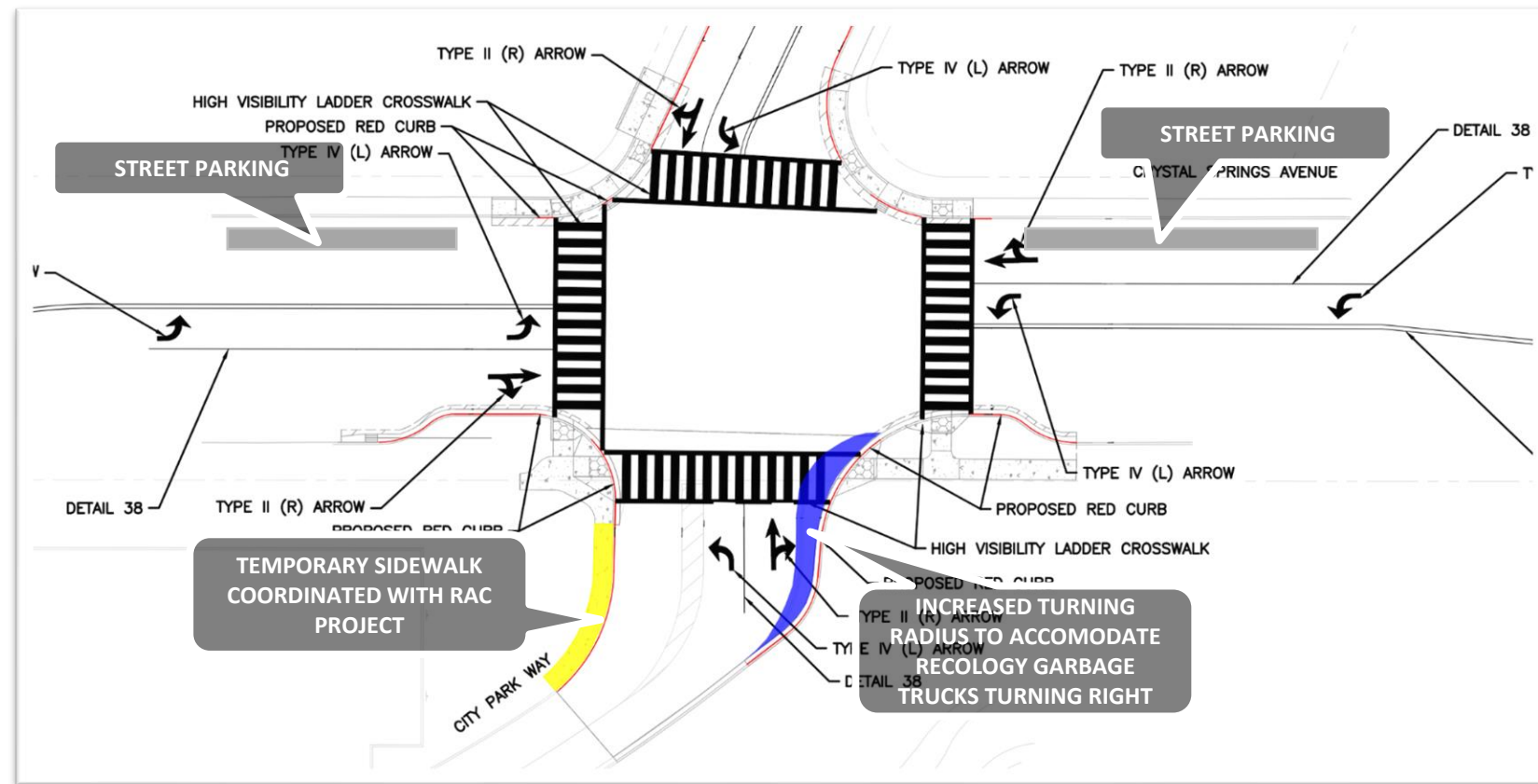
### Solar PV Update



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



**Traffic Signal System (TSS)**



**FUNDING SOURCES:**  
Measure A & G Fund (RAC)

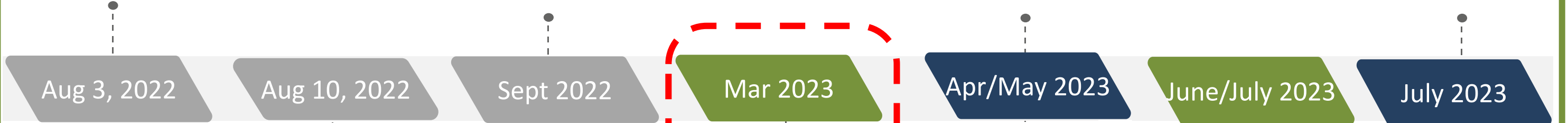
**PROJECT BUDGET:**  
\$750,000.00

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

Designer proceeded with the TSS design preparation

Advertise Project To Receive Bids

Construction NTP



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%)

Award construction

# Construction Update and Look Ahead Schedule

## *Other Related Projects*

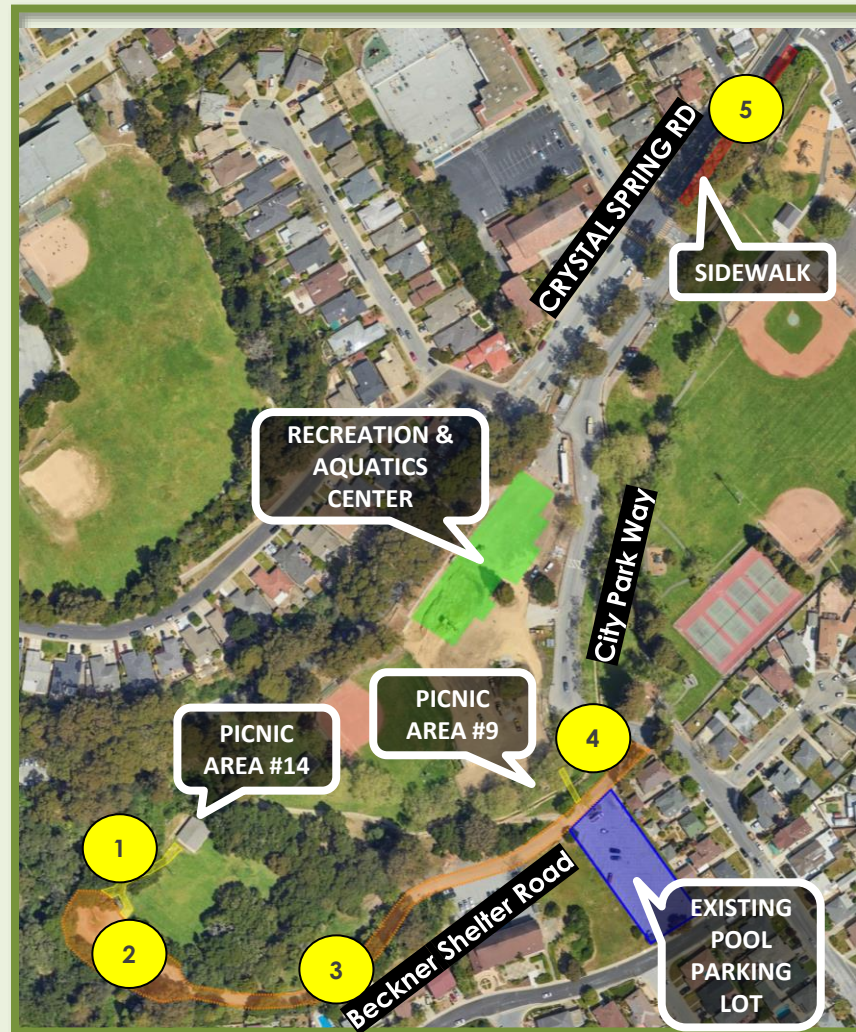


## ***BECKNER SHELTER ROAD PROJECT BUDGET***

<b>Additional Fund Request for Project Budget</b>	
Sidewalk Access from Lara Parking Lot	\$ 50,000.00
Pool Parking Lot ADA Bridge	\$ 400,000.00
Beckner Shelter Road Rehabilitation	\$ 350,000.00
Design/Project Management Fee	\$ 150,000.00
<b>Total Cost Estimate</b>	<b>\$ 950,000.00</b>

# Construction Update and Look Ahead Schedule

## *OTHER PROJECTS UPDATE*



### SCOPE AND ESTIMATED TOTAL COST: (\$950k)

1. ADA Ramp and Path To Picnic Area #14
2. Beckner Shelter Parking Lot
3. Beckner Shelter Road Rehab
4. ADA Ped Bridge From Pool Parking Lot
5. Crystal Spring Sidewalk

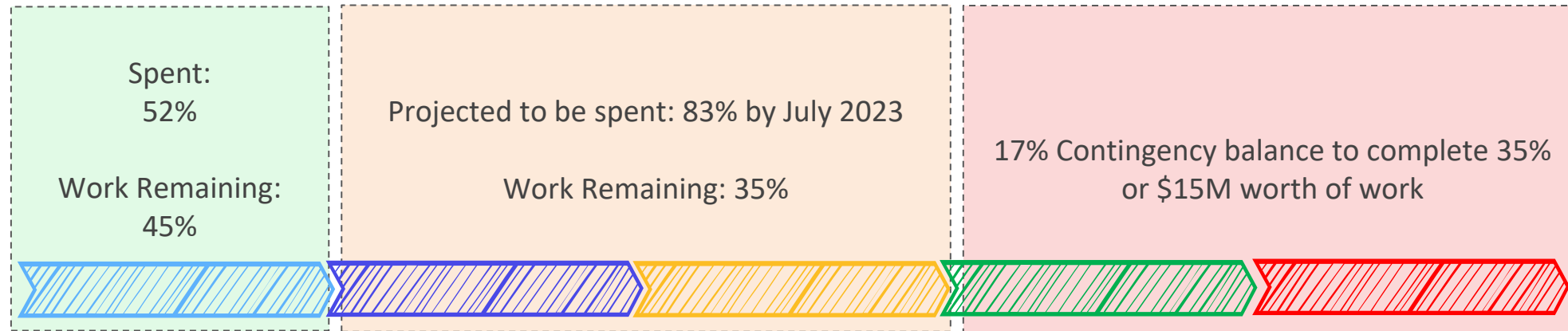
### POTENTIAL FUNDING SOURCES AND STRATEGY

- A. CIP Funds - \$250k (Road Rehab)
- B. Project Contingency (Sidewalk)
- C. Phased the Projects (Prioritized)
- D. Request For Additional Funds

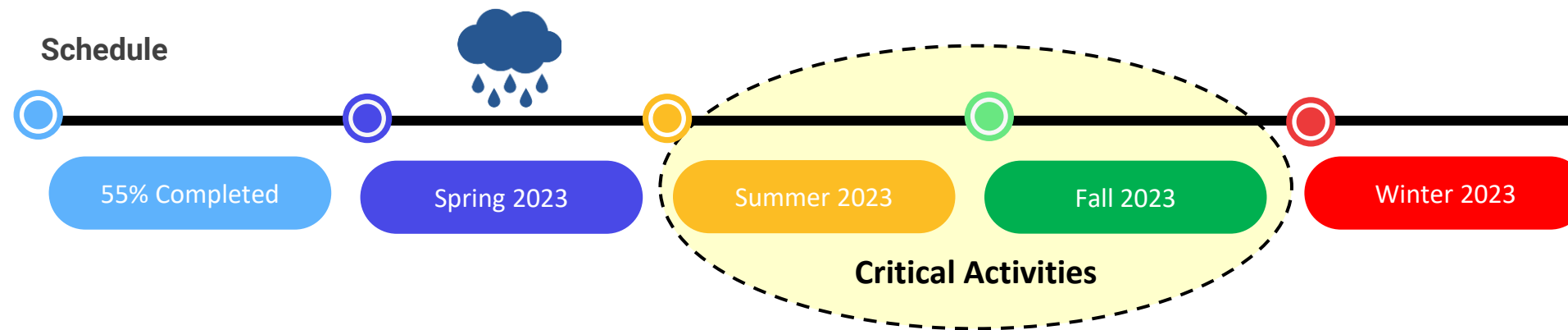
# OVERVIEW AND OUTLOOK



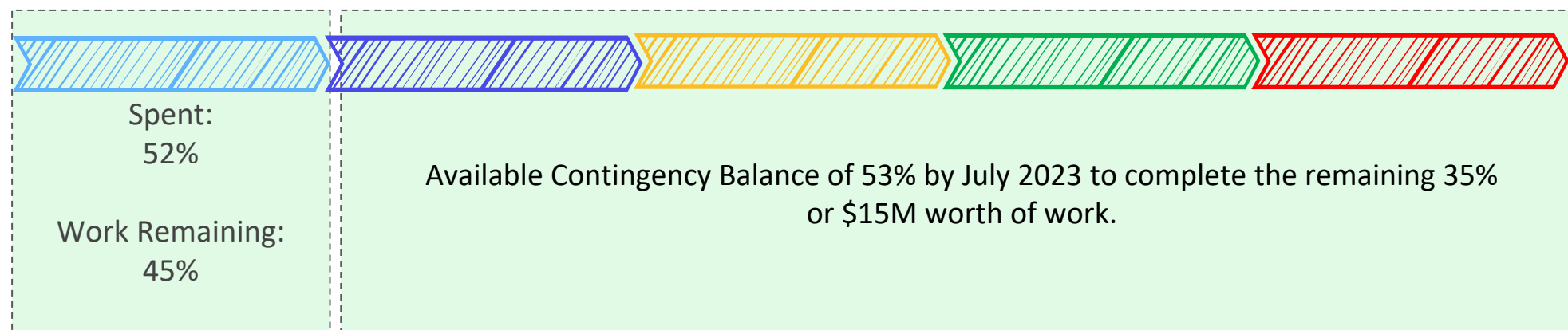
## Current Contingency Balance



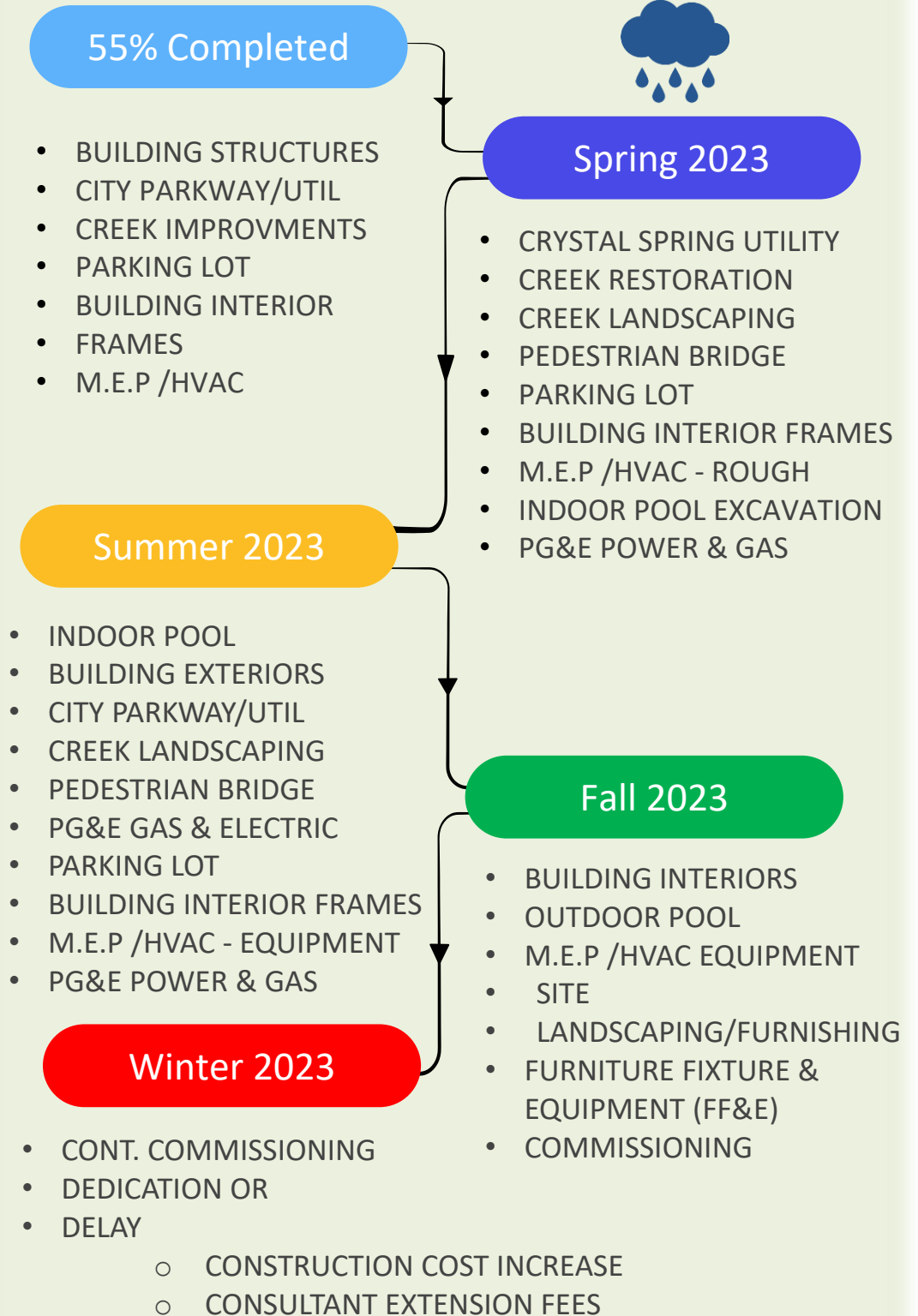
## Schedule



## Revised Contingency Balance



## Scope





## ***NEXT STEP***

**REQUESTING CITY COUNCIL TO ADOPT THE FOLLOWING RESOLUTION:**

**Adopt a resolution relating to the City of San Bruno Recreation and Aquatic Center Project:**

- **Allocating an additional \$1,500,000.00 from SBCF Fund to the RAC Project Contingency Funds.**
- **Authorizing the City Manager to execute an Amendment to the SBCG Grant Fund Agreement to increase the grant fund from the not-to-exceed amount of \$50,000,000.00 to \$51,500,000.00.**
- **Authorizing the transfer of \$250,000 from the Beckner Shelter Road and Parking Lot Repaving Project (Project #51022) to the RAC Project.**
- **Approving a Project Budget Increase of \$1,750,000.00 (\$1,500,000 SBCF Funds and \$250,000 CIP Funds) to Adjust the Total Budget from \$60,540,228.00 to \$62,290,228.00.**

# THANK YOU

[sanbruno.ca.gov/RecCenterBuild](https://sanbruno.ca.gov/RecCenterBuild)