

BART EARTHQUAKE SAFETY PROGRAM

CITIZENS' OVERSIGHT COMMITTEE MEETING

Wednesday, May 18, 2022 – 4:30 pm



**EARTHQUAKE
SAFETY PROGRAM**
BUILDING A STRONGER SYSTEM



Agenda

- **Welcome and Roll Call**
 - ✓ **2019-2021 Citizens' Oversight Committee (COC) Members and Alternates**
 - **Derek Schaible** – Seismic Retrofitting (Alternate – Tom Horton)
 - **Clint Loftman** – Auditing (Alternate – Kathy Buckley)
 - **Karen Varnado** – Community-at-Large (Alternate – Monica Tell)
 - **Eric Tandy** – Engineering (Alternate – Ken Mark)
 - **Sang Bak Lee** – Public Finance/Project Mgt. (Alternate – Louise Engel)
 - ✓ **Acknowledgement of attending Members of the BART Board, Staff and Public**
 - **Zach Amare** – BART Representative – Group Manager, Capital Projects
 - **Chuck Bernardo** – BART Representative – Project Manager, Capital Projects
 - **Raymond Pascual** – BART General Council – Attorney
 - **Bianca Mallory** – ESP COC Support – The Allen Group, LLC



Agenda

- **Project Update**
- **Financial Report and Project Schedules**
- **Review of Administrative Matters**
 - ✓ Review and Approval of Meeting Minutes: January 19, 2022
- **Next Meeting**
 - ✓ Date and Agenda Items
- **Public Comment**
- **Adjournment**

COC 19-23 Meeting 7.11
Presentation
Slide 3





Project Updates



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Slide 4



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Project Update: Status of Earthquake Safety Work

As of May 2022





Change Order Summary

- Change Orders To Date = 246
 - Change Orders Issued = 235
 - Change Orders In Progress = 9
- Change Orders in Protest = 91
- 8 Change Orders Issued since last COC meeting





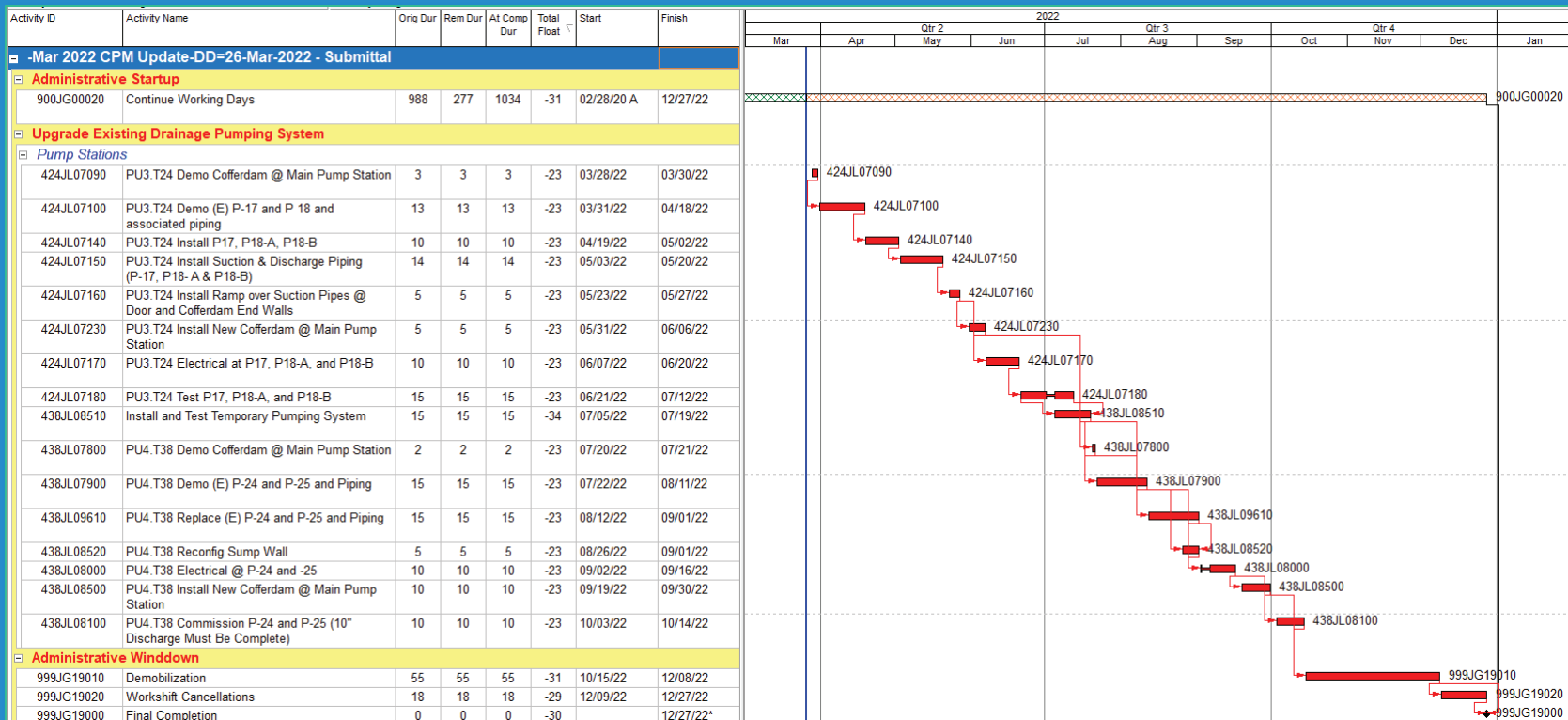
Schedule Summary

March 2022 Update (Submittal 923.0)

- 1st Working Day = 2/2/2017
- Contract Time = 1950 CD
 - TIE 1 (CN 27) = 99 CD
 - TIE 2 (CN 37) = 60 CD
 - TIE 6 (CN 208) = 16 CD (Extension for Covid delay)
- Total Contract = 2125 CD
- Approved Completion 11/27/2022
- Forecast Completion 12/27/2022

As of 05/18/2022
 Elapsed Time = 1931 days
 Time Remaining = 193 days

- 90% Time Spent
- Delay in Completion





MVC Production Work



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Security Sensitive Information



M2 Bore Plate Installation

All Retrofit Plates Erected

Start: 10/31/2021

End: 03/01/2021



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M2 Bore Plate Welding



Walkway Plates



Arch Plates





M2 Bore Trackway Concrete

Demolition 100%
Anchor Hole Drilling 50%



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M2 Bore Trackway Concrete



Demolition



Temporary Track Installation

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M2 Bore Trackway Concrete

Anchor Core
Drilling Operation



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Discharge Pipe Installation



Installation

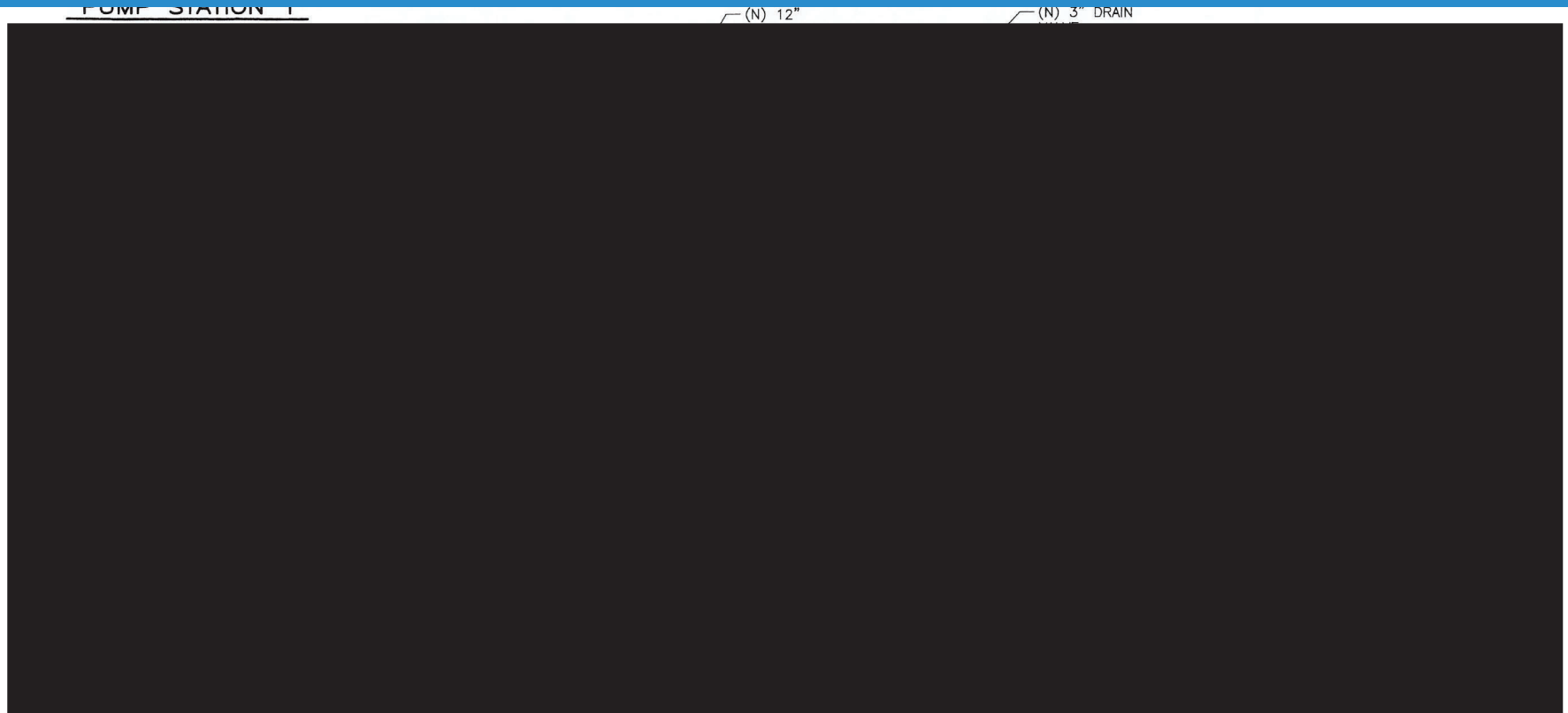


Supports





Pump Station No. 03



PS-03 Line Diagram

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Pump Station No. 03



Walkway Pumps

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Pump Station No. 03

Gallery
Pumps

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SF Ventilation Discharge Piping



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Financial Forecast

Description*	Baseline Budget	Funded Budget	Expended ITD	Cost to Complete (Incl. Contingency)	Forecast at Completion	% of Construction	% of Total
BART Costs	\$93,790,000	\$156,260,352	\$133,634,167	\$18,638,739	\$152,272,906	20%	11%
Engineering	\$171,010,000	\$237,024,952	\$237,024,952	\$0	\$237,024,952	32%	16%
DSDC	\$28,110,000	\$51,322,431	\$42,568,904	\$8,137,110	\$50,706,014	7%	4%
CM	\$56,210,000	\$134,962,292	\$119,120,007	\$19,512,755	\$138,632,762	19%	10%
Construction	\$855,240,000	\$754,530,528	\$693,903,837	\$54,160,800	\$748,064,637		52%
Insurance	\$40,590,000	\$76,494,075	\$71,468,843	\$2,382,662	\$73,851,505	10%	5%
ROW	\$12,600,000	\$18,405,369	\$16,965,487	\$1,266,788	\$18,232,275	2%	1%
Bond Issuance & Elec	\$21,000,000	\$21,000,000		\$21,000,000	\$21,000,000	3%	1%
Total	\$1,278,550,000	\$1,450,000,000	\$1,314,686,197	\$125,098,853	\$1,439,785,051		100%

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Financial Report

- **Measure AA Bond Total: \$980,000,000**
 - **Inception-to-Date Expensed: \$970,968,100**
 - **Remaining GOB Funding: \$9,031,900**
- **General Obligation Bond Interest: \$62,550,300**
 - **Inception-to-Date Expensed: \$28,533,400**
 - **Remaining GOB Interest: \$34,016,900**
- **Measure RR Bond Total: \$194,000,000**
 - **Inception-to-Date Expensed: \$77,588,000**
 - **Remaining Measure RR Funding: \$116,412,000**
- **FHWA, RM2, STIP, Prop 1B, FEMA & Other Funds: \$213,450,000**
 - **Inception-to-Date Expensed: \$213,450,000**
 - **Remaining Funding: \$0**



Public Comment



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Contacting the Committee

Information about the Citizens' Oversight Committee is included on the Earthquake Safety page of the BART website.

- **Visit the Website:** www.bart.gov/earthquakesafety
- **Email the Committee:** eqcommittee@bart.gov
- **Call the Committee:** (510) 874-7478

Voicemail and email inboxes are checked regularly for messages and coordinated response.