

BART EARTHQUAKE SAFETY PROGRAM
CITIZENS' OVERSIGHT COMMITTEE MEETING
Wednesday, January 19, 2022 – 4:30 pm



**EARTHQUAKE
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- **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: July 21, 2021
- **Next Meeting**
 - ✓ Date and Agenda Items
- **Public Comment**
- **Adjournment**



Project Updates



4 COC 19-22 Meeting 7.22
Presentation
Slide 4

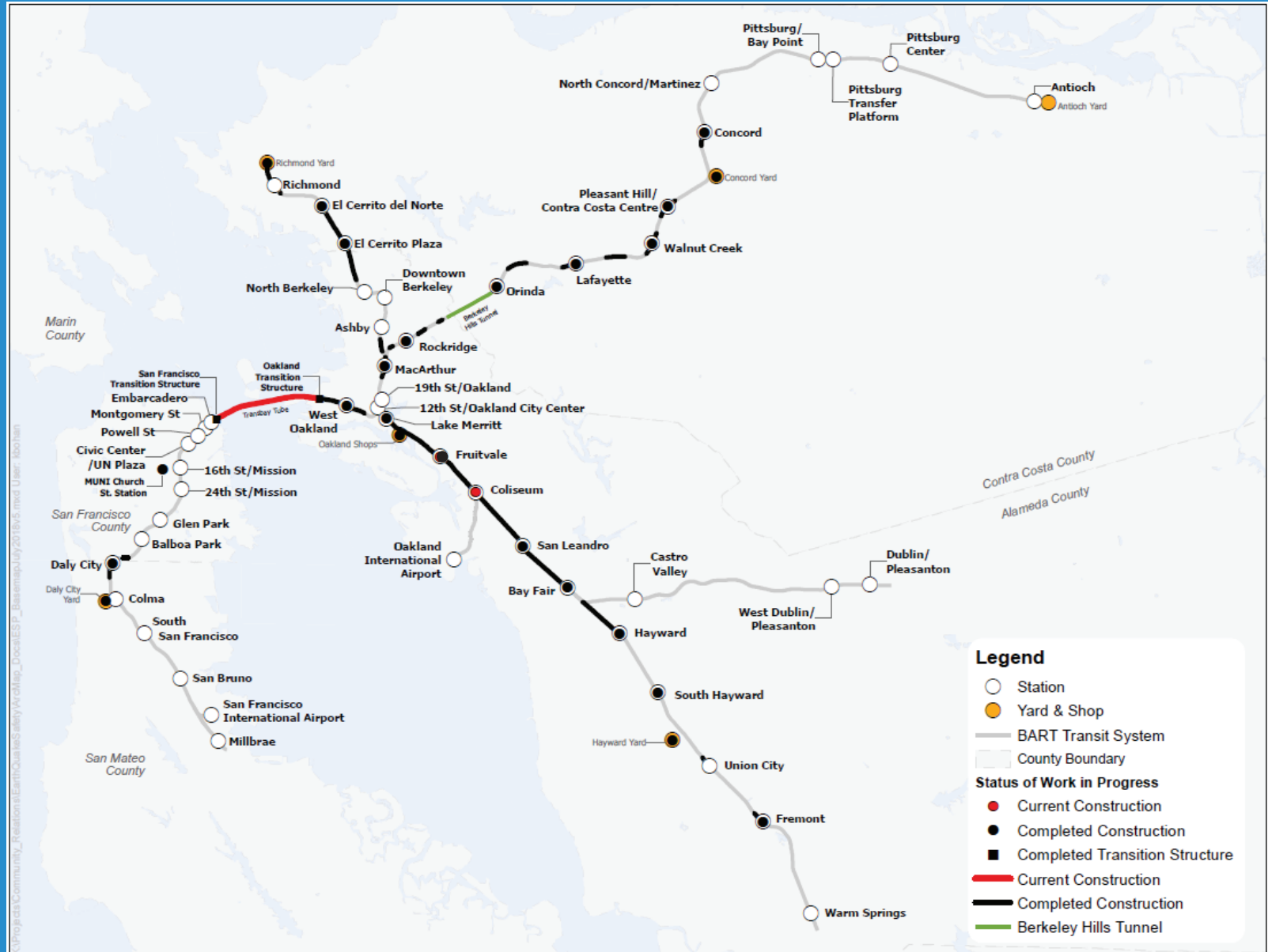


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Project Update: Status of Earthquake Safety Work

As of July 2021





Change Order Summary

- Change Orders To Date = 233
 - Change Orders Issued = 227
 - Change Orders In Progress = 6
- Change Orders in Protest = 79
- 2 Change Orders Issued since last COC meeting





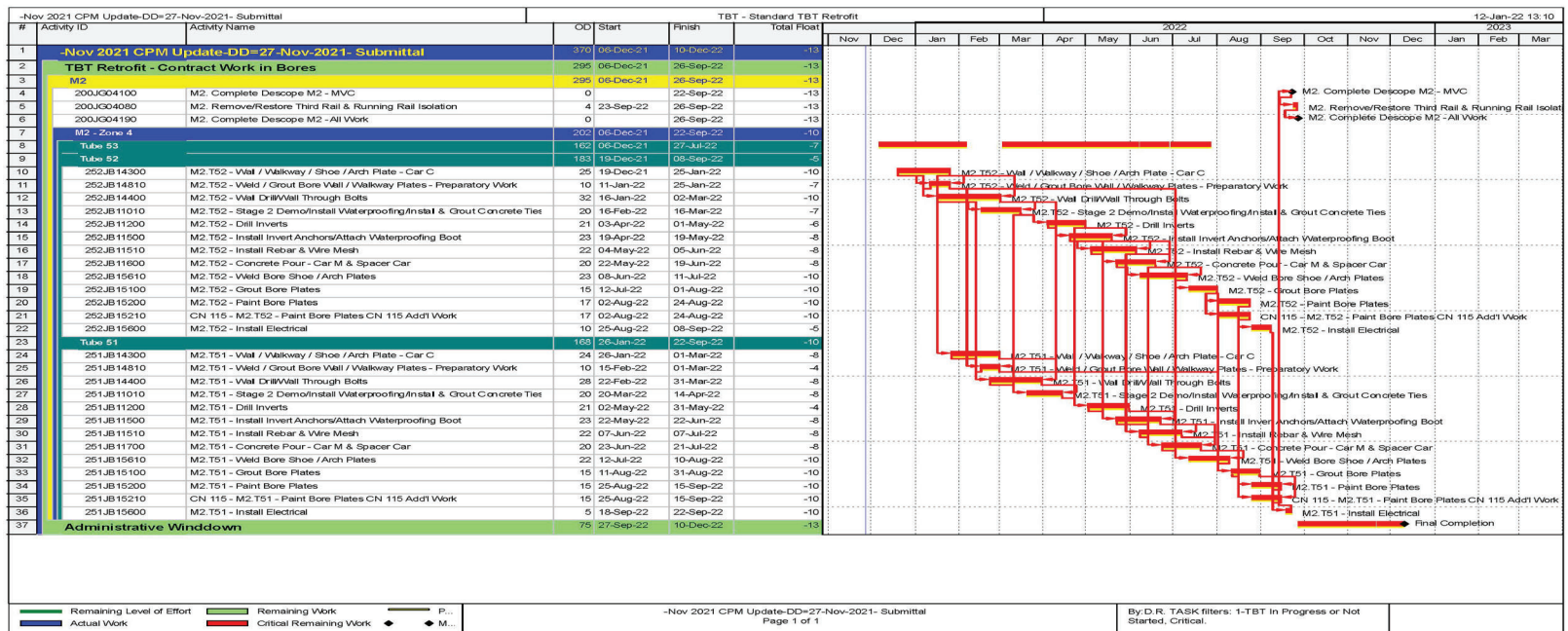
Schedule Summary

November 2021 Update (Submittal 885.0)

- 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 12/10/2022

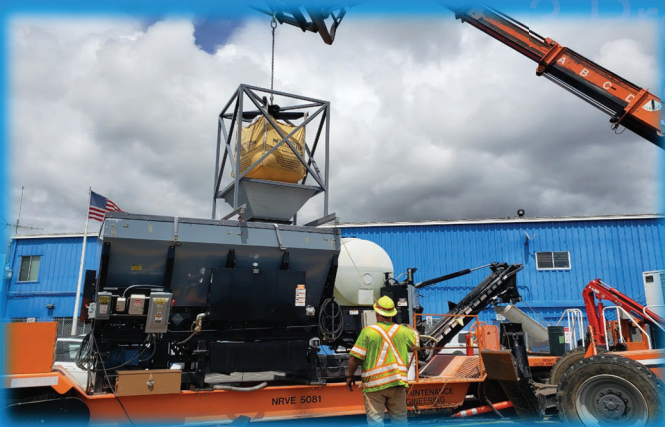
As of 01/19/2022
Elapsed Time = 1812 days
Time Remaining = 312 days

- 85% Time Spent
- Slight Delay in Completion





MVC Production Work



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Security Sensitive Information



M1 Bore Invert Restoration

M1 Invert Restoration (Concrete Placed) = 100% overall

- T53 – Completed on 4/25/21
- T52 - Completed on 5/18/21
- T51 – Completed on 6/11/21



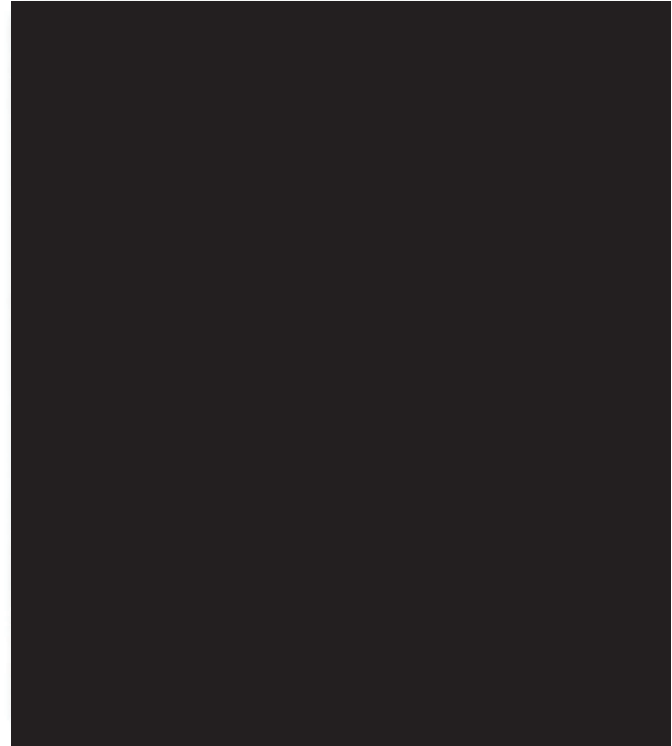


Completed Invert Concrete M1 T53

Before Concrete Placement



After Concrete Placement





M1 Bore Plating

Security Sensitive Information

- M1 Bore Installation Complete



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Slide 11



Plates in M1 Tube 53

PT



P2 & P3 Arch Plate Installation

52-M2 Arch Plate P2 Installation

52-M2 Arch Plate P3 Installation





PCCE Verification and Damper Plate Installation



M2-T53 Damper PL Installation



M2-T52 PCCE Verification





10" Drainage Pipe Installation



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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	\$124,233,325	\$29,252,257	\$153,485,582	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	\$42,031,328	\$9,369,155	\$51,400,483	7%	4%
CM	\$56,210,000	\$134,962,292	\$117,073,923	\$23,284,774	\$140,358,697	19%	10%
Construction	\$855,240,000	\$754,530,528	\$673,086,585	\$77,200,367	\$750,286,952		52%
Insurance	\$40,590,000	\$76,494,075	\$70,701,539	\$3,402,143	\$74,103,681	10%	5%
ROW	\$12,600,000	\$18,405,369	\$16,891,014	\$1,448,638	\$18,339,652	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	\$1,281,042,666	\$164,957,333	\$1,446,000,000		100%



Financial Report

- **Measure AA Bond Total: \$980,000,000**
 - **Inception-to-Date Expensed: \$968,344,700**
 - **Remaining GOB Funding: \$11,655,300**
- **General Obligation Bond Interest: \$62,550,300**
 - **Inception-to-Date Expensed: \$13,423,500**
 - **Remaining GOB Interest: \$49,126,800**
- **Measure RR Bond Total: \$194,000,000**
 - **Inception-to-Date Expensed: \$70,955,600**
 - **Remaining Measure RR Funding: \$123,044,400**
- **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.



Adjournment



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