

West Side Bridges Retrofit Project

Retaining Wall Treatment



San Francisco
County Transportation
Authority

Project Location



NO SCALE

September 2020



Prepared By:
WMH

Yerba Buena Island West Side Bridges Retrofit Project

PROJECT LOCATION MAP

YBI Westside Bridges Retrofit and Hillcrest Road Widening

**Historic Quarters 10
Relocation**

**YBI Vista Point
(SFCTA)**

West-side Bridges Project (SFCTA)
(Fall 2021 - Fall 2024)

Hillcrest Road Widening
(Spring 2023 - Summer 2025)



Existing project site



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Project Overview

The Yerba Buena Island West Side Bridges Seismic Retrofit (Project) encompasses eight (8) existing bridge structures on the west side of Yerba Buena Island (YBI).

- These structures generally comprise a viaduct along Treasure Island Road, just north of the San Francisco-Oakland Bay Bridge (SFOBB).
- The Project limits along Treasure Island Road are from the SFOBB to approximately 2000-feet northward.
- This stretch of Treasure Island Road includes the bridge structures and portions of “at-grade” roadway.



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Project Overview

The current bridges were constructed from 1937 through to 1964 and have been determined to be seismically deficient.

This project is funded by the Federal Highway Bridge Program and Prop 1B Seismic Retrofit Bridge Program.

The SFCTA, in cooperation with Caltrans, TIDA, and the FHWA, are bringing the bridge structures up to current seismic safety standards. The Project consists of the following work.

- Demolish seven (7) bridge structures;
- Realign roadway into the hillside;
- Construct six (6) retaining walls;
- Construct one undercrossing structure; and
- Seismically retrofit one bridge structure.



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Project Overview

Additional steps taken in our process since the first presentation with CDR:

1. Expanded team to include CMG
2. Conducted a rigorous search for an artist
3. Worked in coordination SFAC staff
4. Interviewed four outstanding artists
5. Selected Muzae Sesay as the artist for this project



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Identification of the project's six retaining walls



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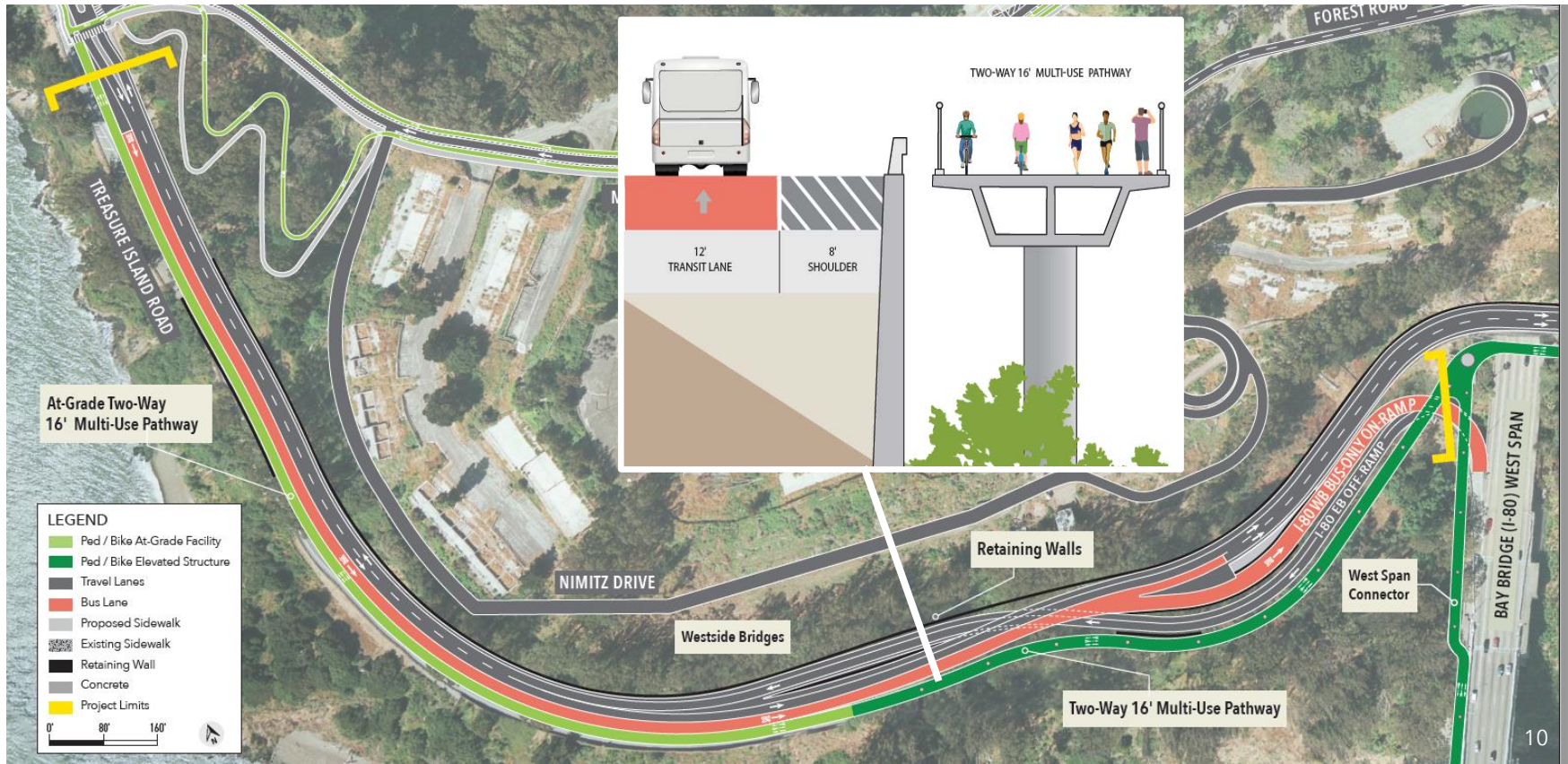
Multi-Use Pathway



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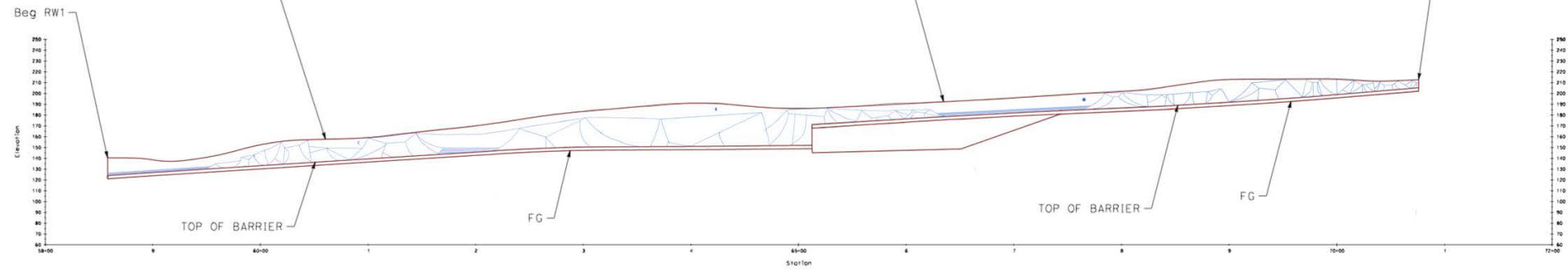


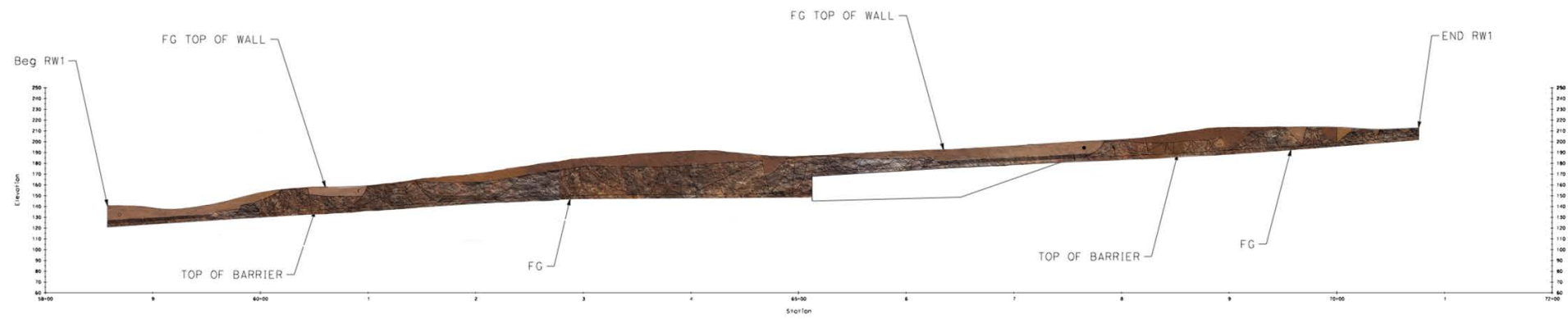
Multi-Use Pathway

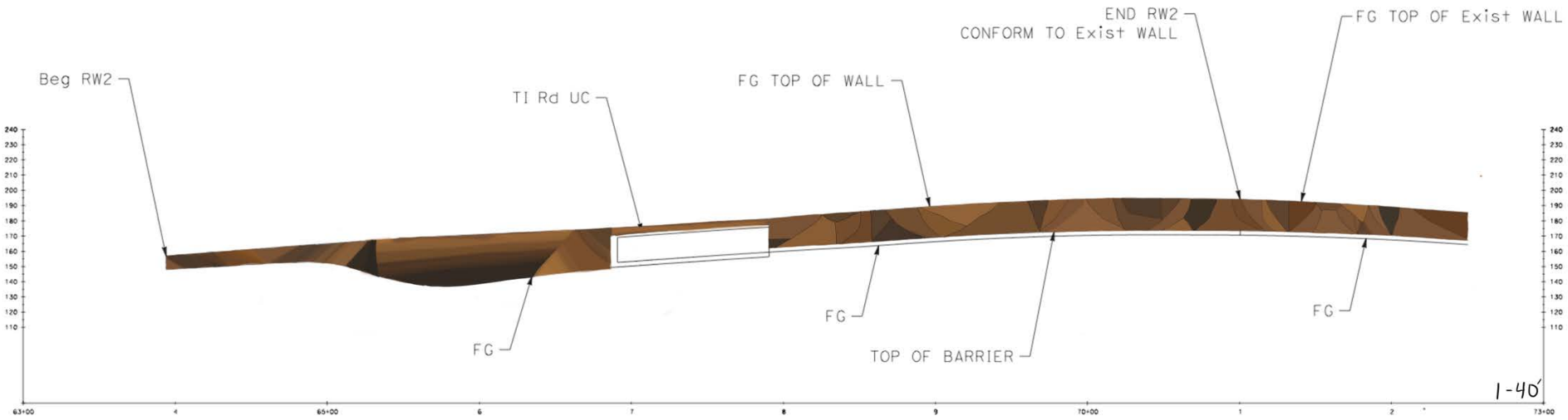




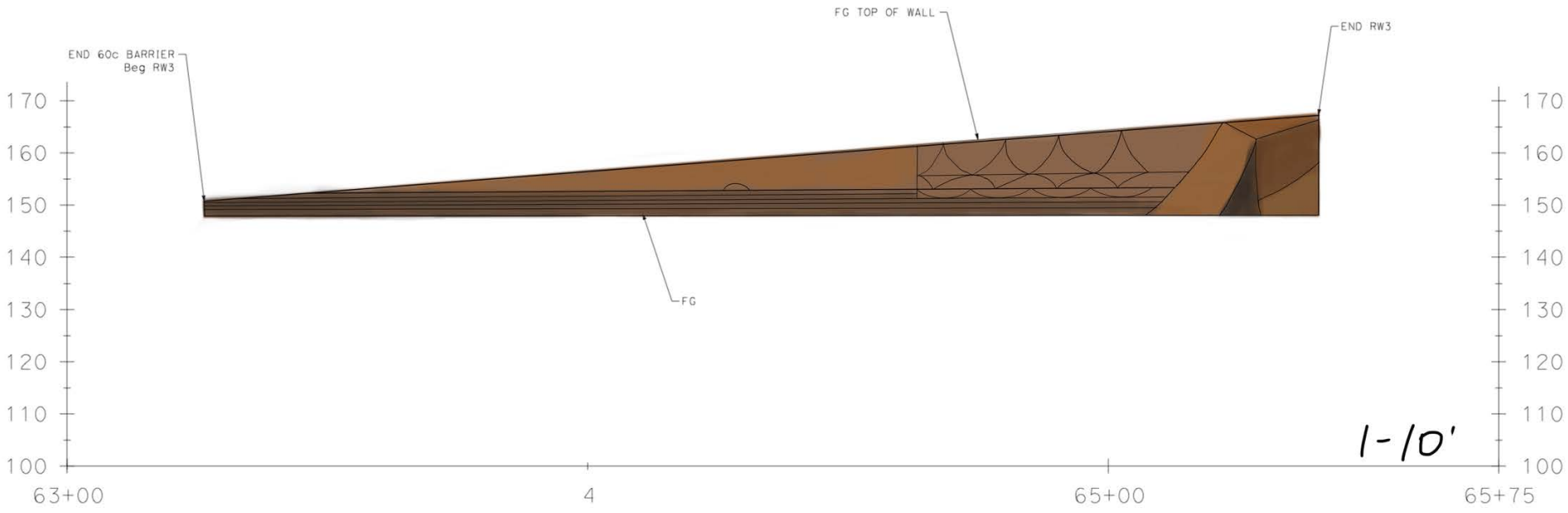
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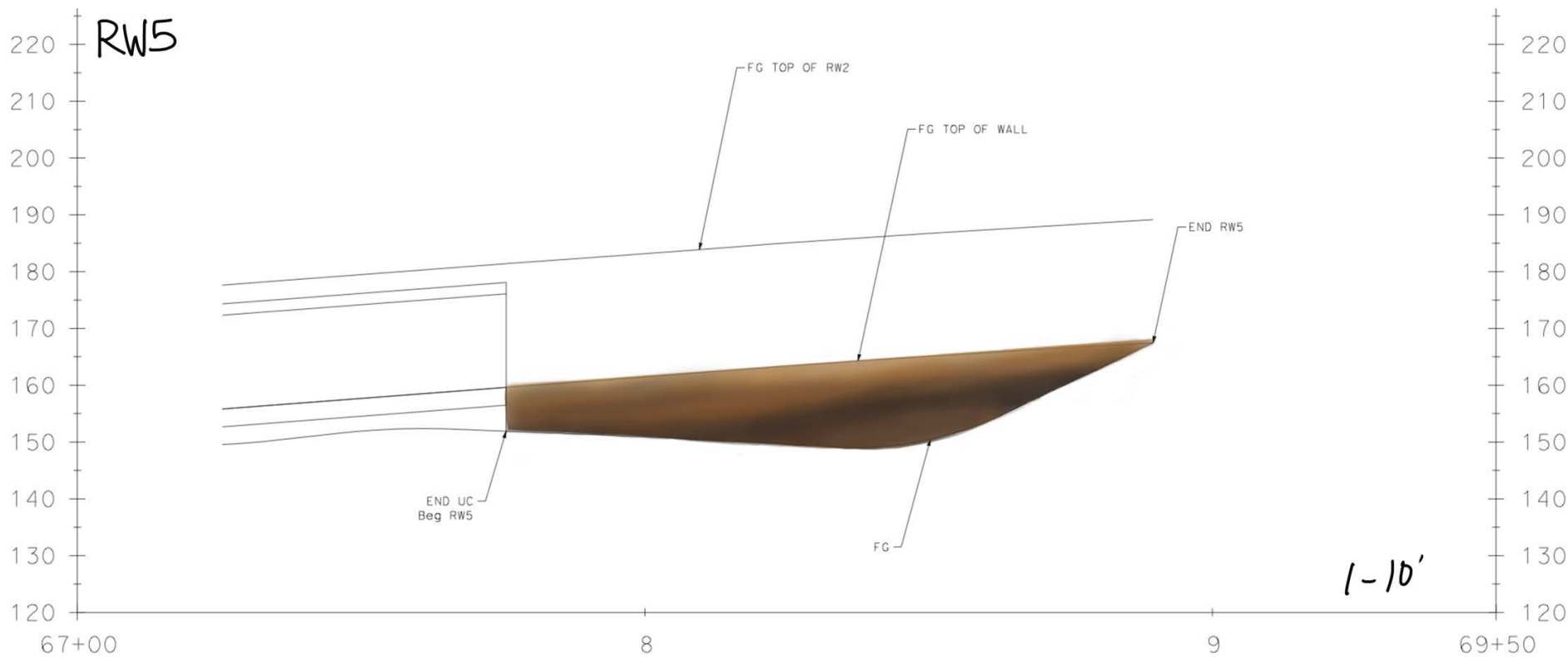


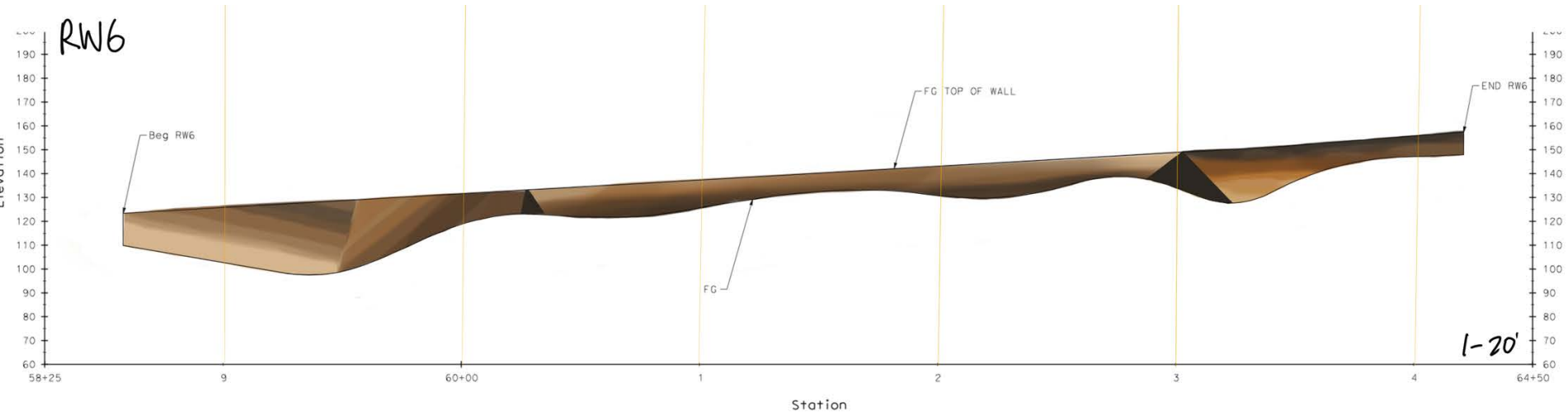


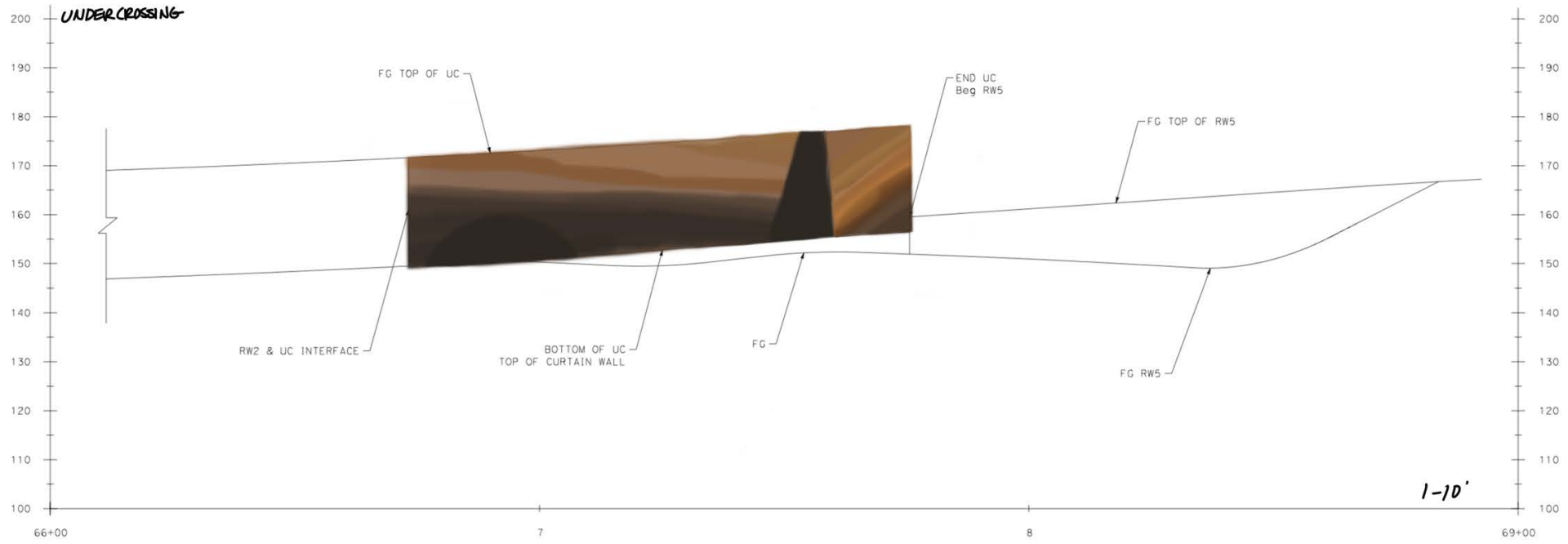


1-40'













Next Steps

Next steps following SFAC CDR approval would include:

1. Integration of design to overall project plan/schedule
2. Collaboration with General Contractor and necessary subcontractors
3. Continued collaboration with Muzae Sesay and SFAC CDR as construction begins
4. Provide project updates to SFAC CDR as outlined in your process



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Thank you.
Any Questions?

sfcta.org



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