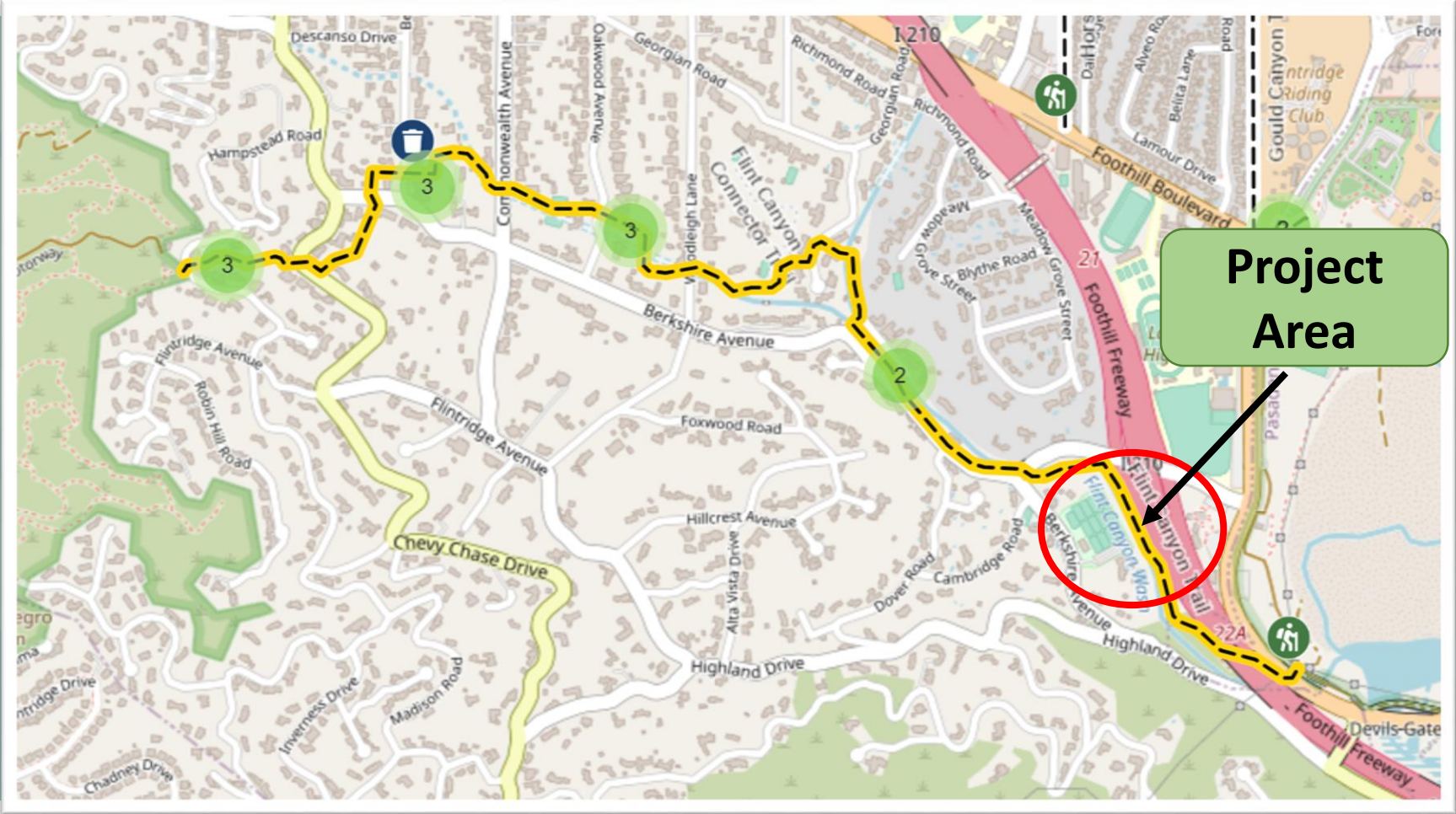
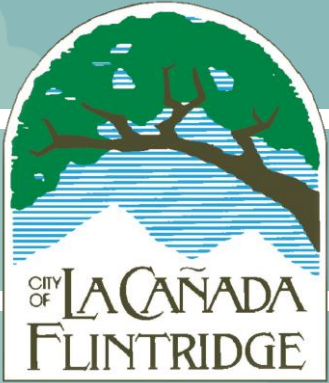
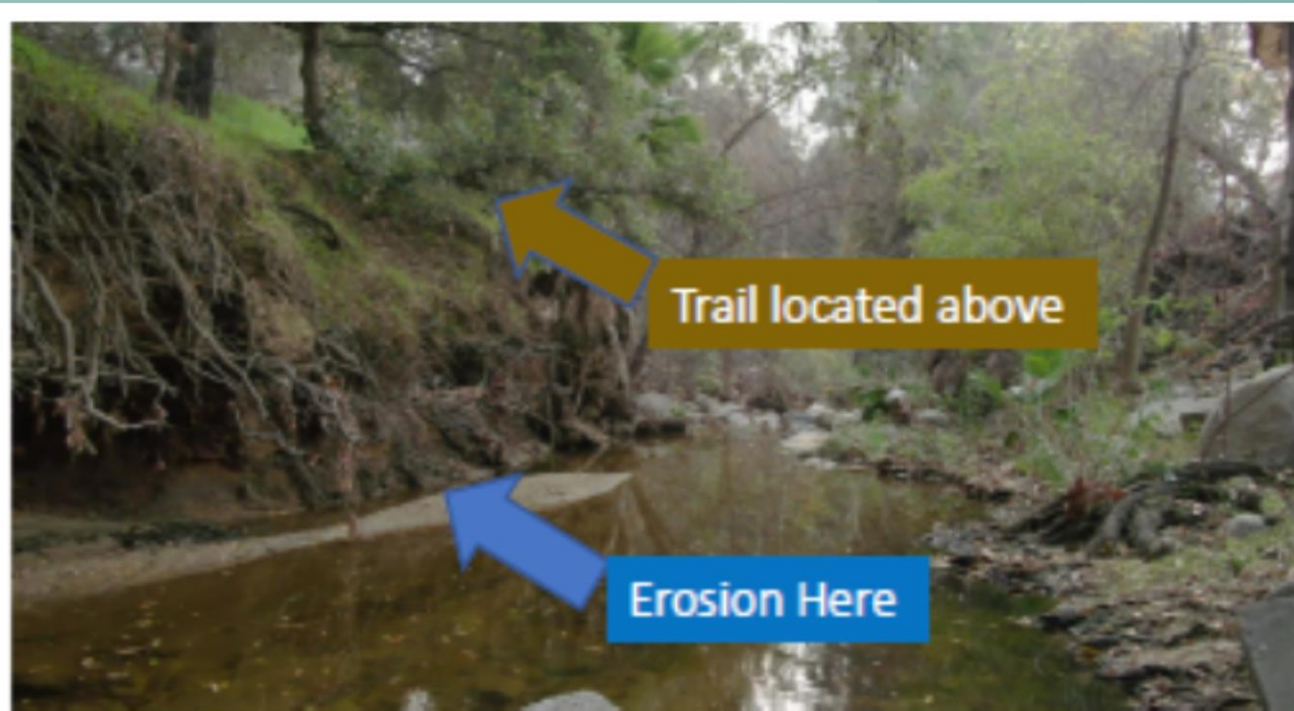


Flint Canyon Wash Trail Restoration Project



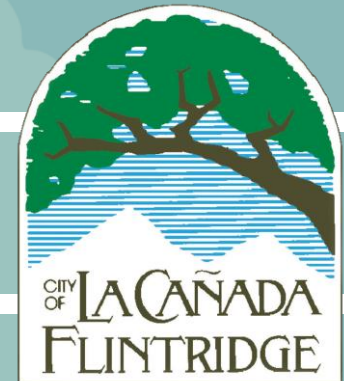




Flint Canyon Trail - Background

- The Flint Canyon Trail is a vital connector trail in the City's 23 miles of trails. The Gabrielino-Tongva tribes used the paths along the watercourse to navigate the region. The trail continues to be enjoyed by the community to this day and connects the regions of Pasadena to the east, Glendale to the west and the Angeles National Forest to the north.
- The development of the I-210 freeway and continual erosion at the base of the slope have destabilized the trail. Over the years, the City has taken action to stabilize the top of the slope where the trail exists, the funds from this grant will address the toe of the slope were slope degradation continues.
- The City was awarded two grants for the purpose of stabilizing the toe of the slope and preserving the trail. The initial grant of \$300,000 with funds from Proposition 68 was intended to prepare 80% plans, provide construction estimates, and complete the environmental determination in preparing the project for construction. The second grant with funds from AB 466 and SB 1126 will provide \$3,000,000 to complete 100% plans, the necessary permitting, and see the project through construction.

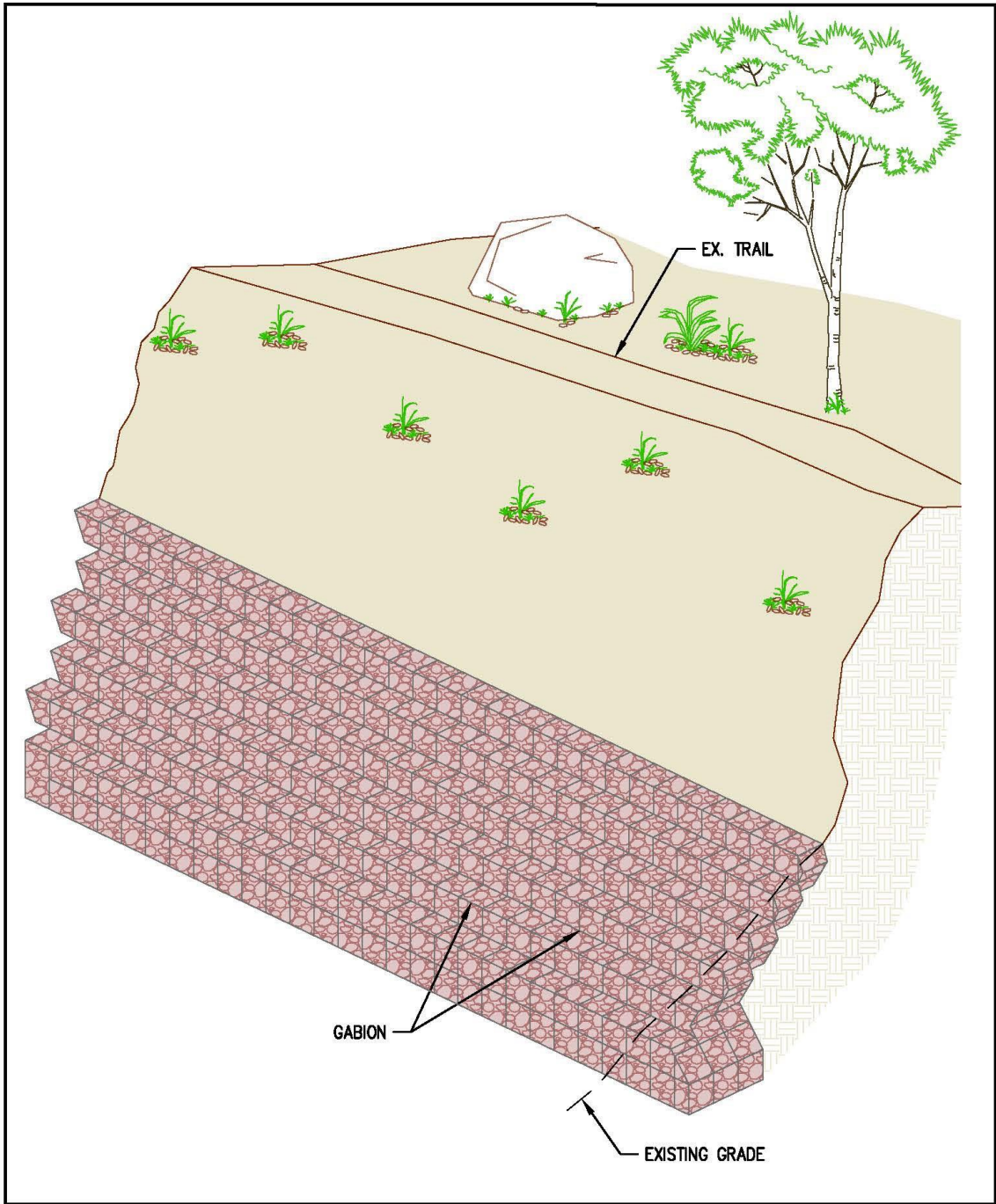




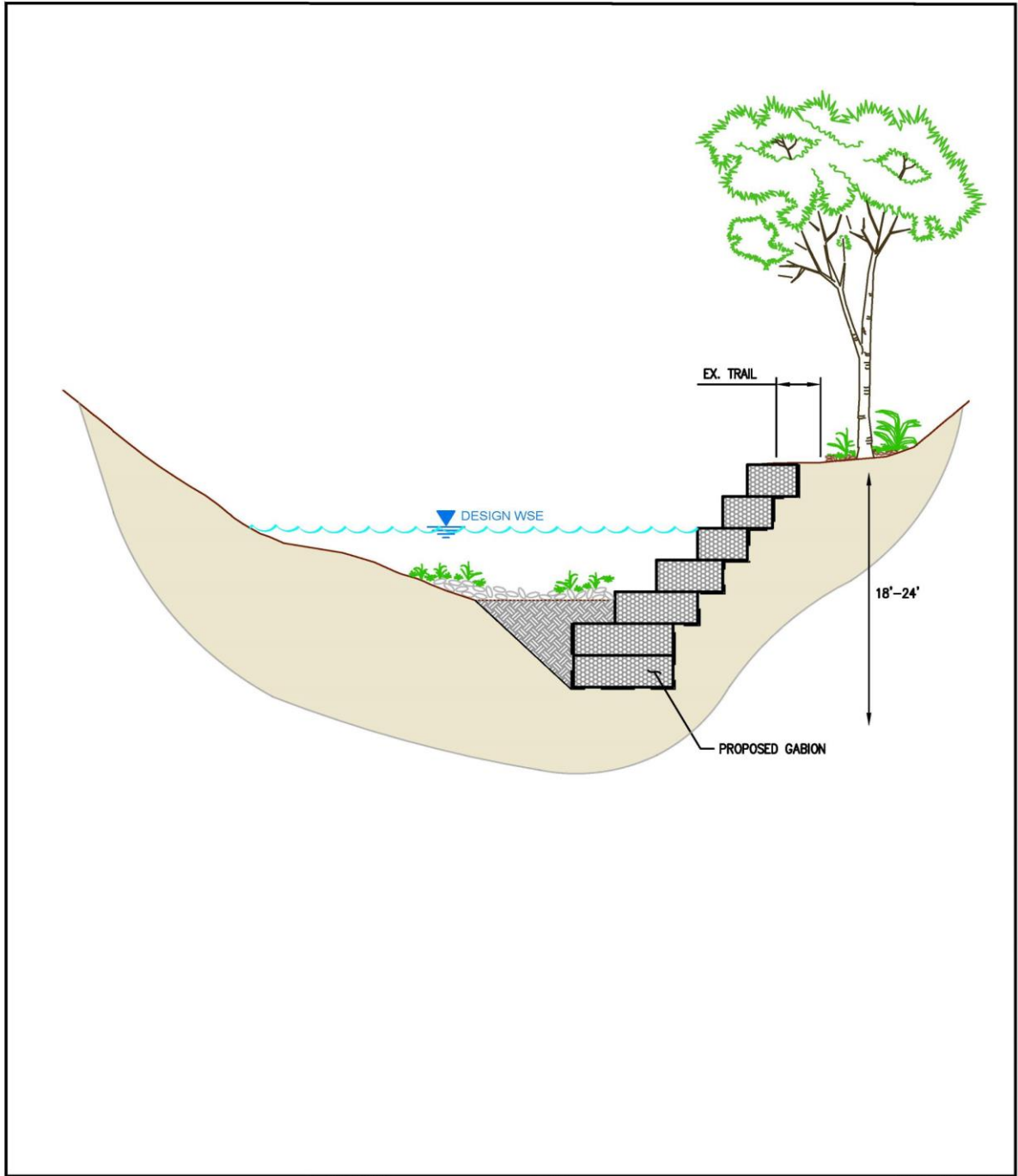
Project Development Summary

- The consultant's original estimate for the project was \$12,000,000, far more than the City's estimated \$6,000,000 and grant fund's \$3,000,000, rendering the project infeasible.
- This cost estimate was arrived at out of design plans to install expensive "soldier pile walls" as the solution to the erosion issue.
- Through extensive meetings and calculation exercises, an alternative plan was developed using gabion baskets resulting in a revised estimated cost of \$3,000,000.
- At the revised project cost, the grant would now be able to fund the entire project, not just 50% as originally planned.

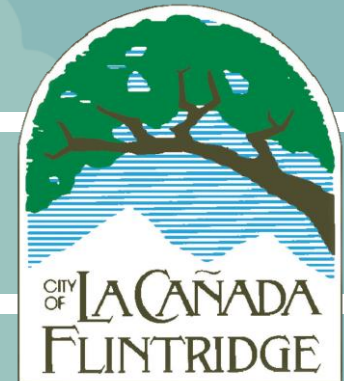




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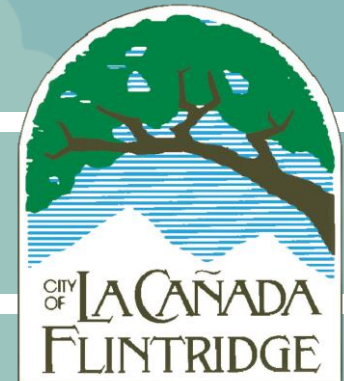
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Phase I: 80% Completion of Plans

- As part of Phase I, the City worked with PACE Engineering to create 80% plans for the project and preparation of the CEQA documents. This phase was funded through an initial grant of \$300,000.
- Based on the Initial Study, a Mitigated Negative Declaration (MND) was prepared for the project.
- The City posted the MND for public review from March 16, 2023 to May 1, 2023. On June 6, 2023, the City Council adopted the MND as required by CEQA.

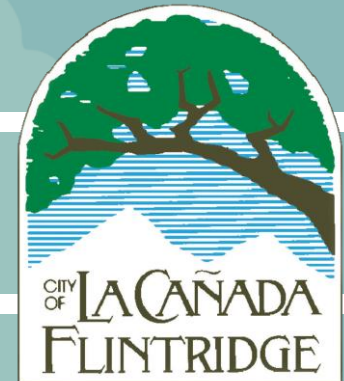




Phase II: Final Engineering Plans & Permits

- Phase II involves bringing PACE plans from 80% to 100% completion. To maximize efficiency, staff recommended using this same consultant from Phase I.
- At its September 19, 2023 meeting, the City Council approved a contract amendment for PACE to provide final construction plans and preparation of the required permits for the restoration project.
- To bring the project into construction, the City will prepare the bid documents with the goal of awarding contract in February 2024.





Award of Contract for Construction

- At the end of Phase II, the project will be ready to go out to bid for construction. Staff is scheduling to award the construction contract in February 2024.
- In order to maintain grant funds, the City has requested an extension on the project's estimated completion date through the end of 2024.
- The City anticipates construction to start on April 15, 2024 and be completed by October 15, 2024. Due to the project's location along a Blue Line Stream, construction will be limited to this 6-month dry period.





End of Presentation Questions?

