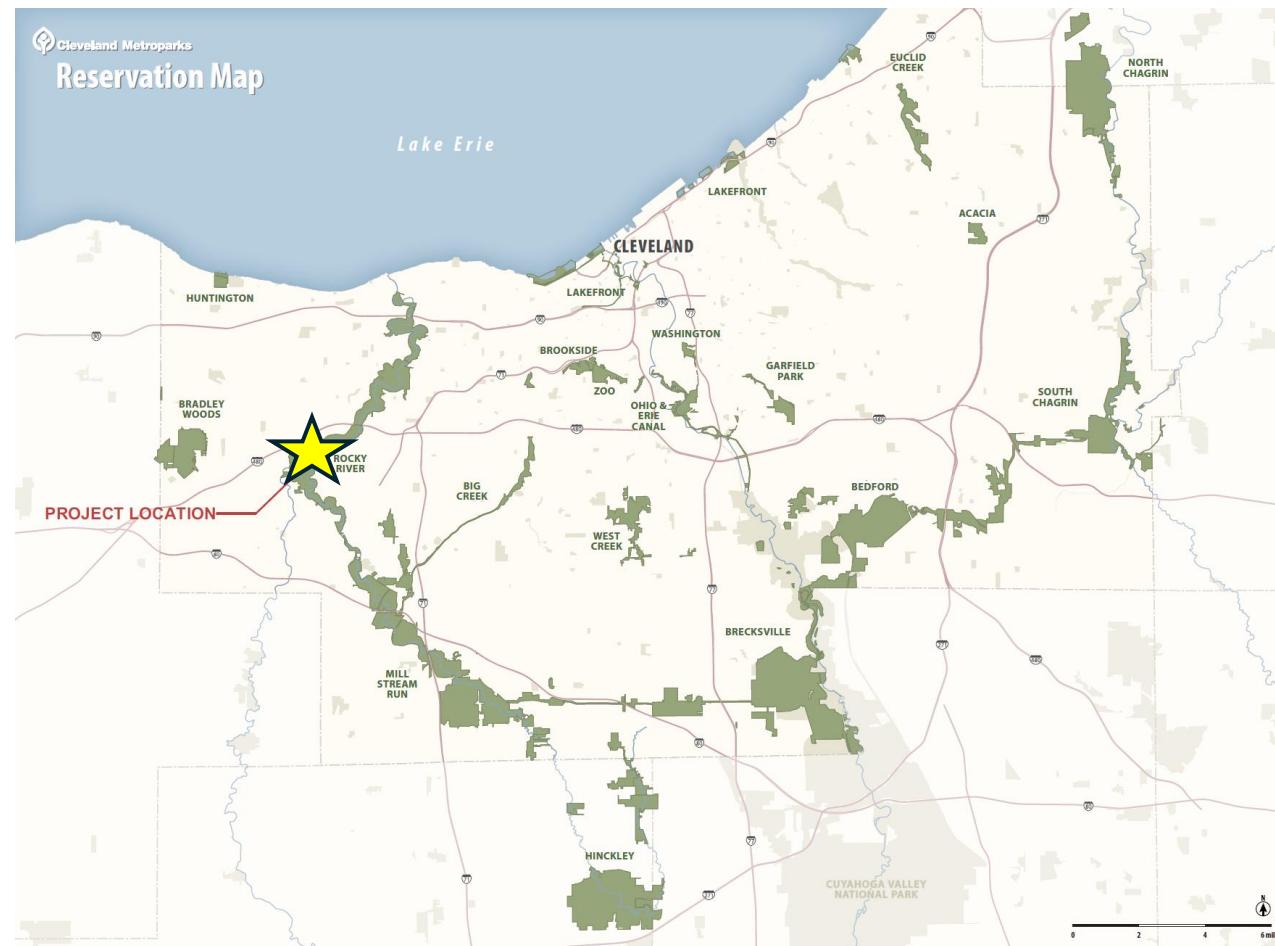




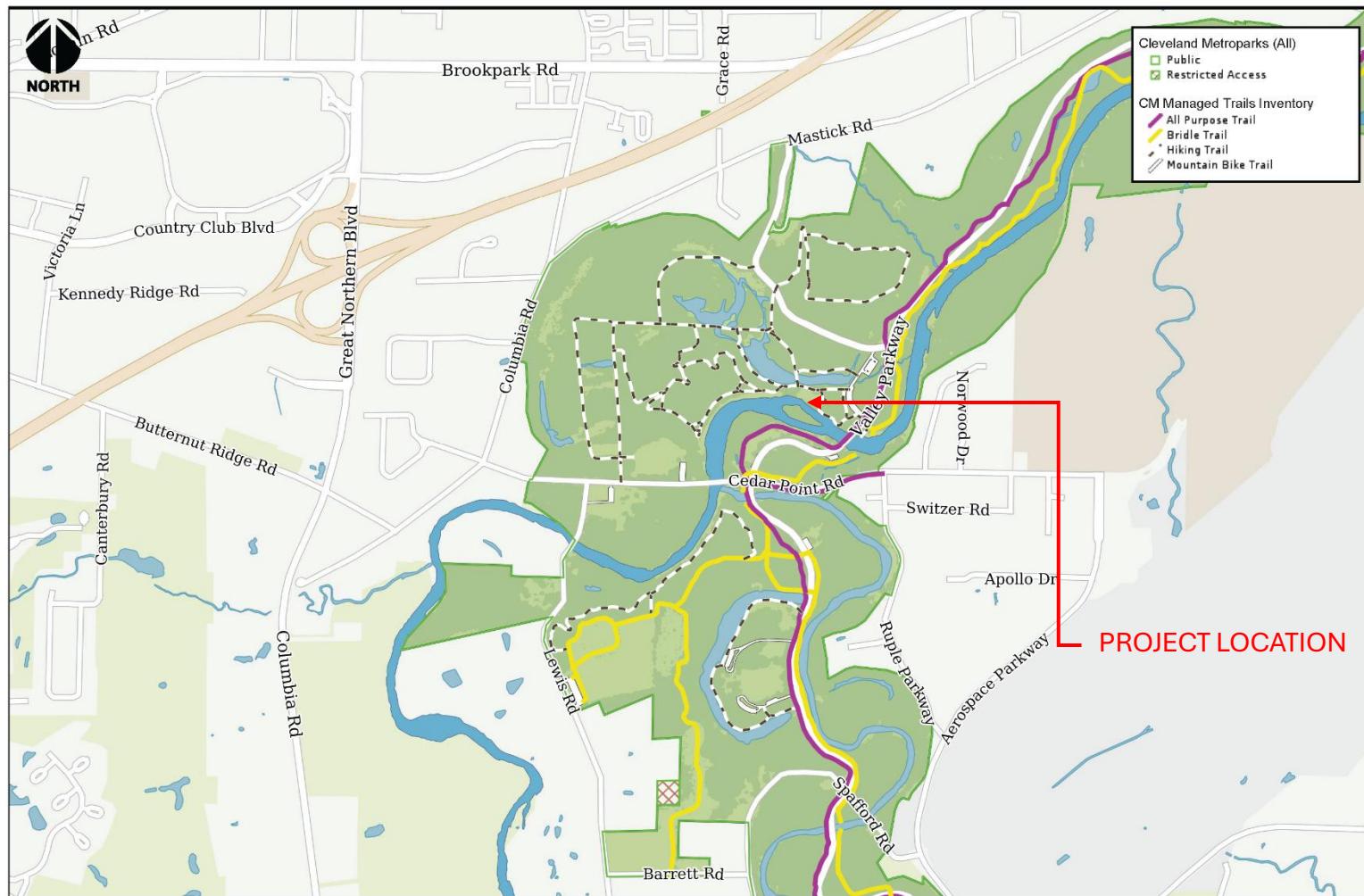
Board of Park Commissioners
January 16, 2026
Rocky River Nature Center
Erosion Protection



Rocky River Nature Center – Erosion Protection

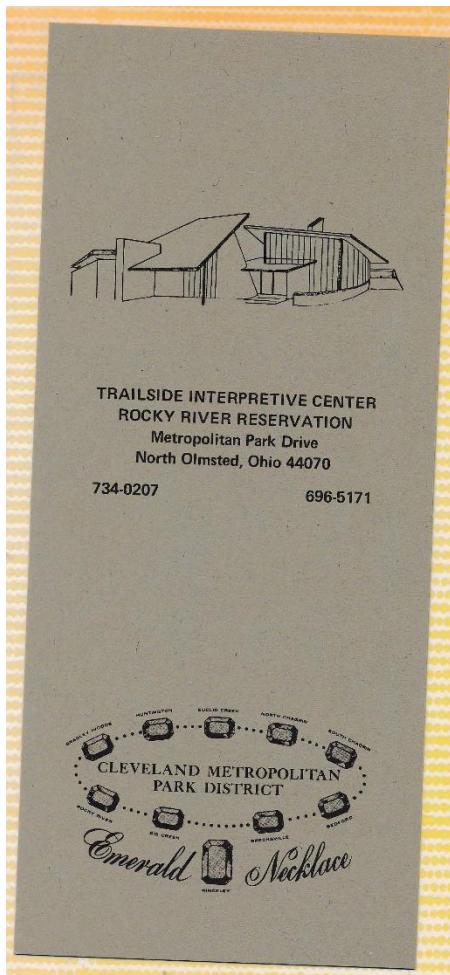


Rocky River Nature Center – Erosion Protection



Rocky River Nature Center – Erosion Protection

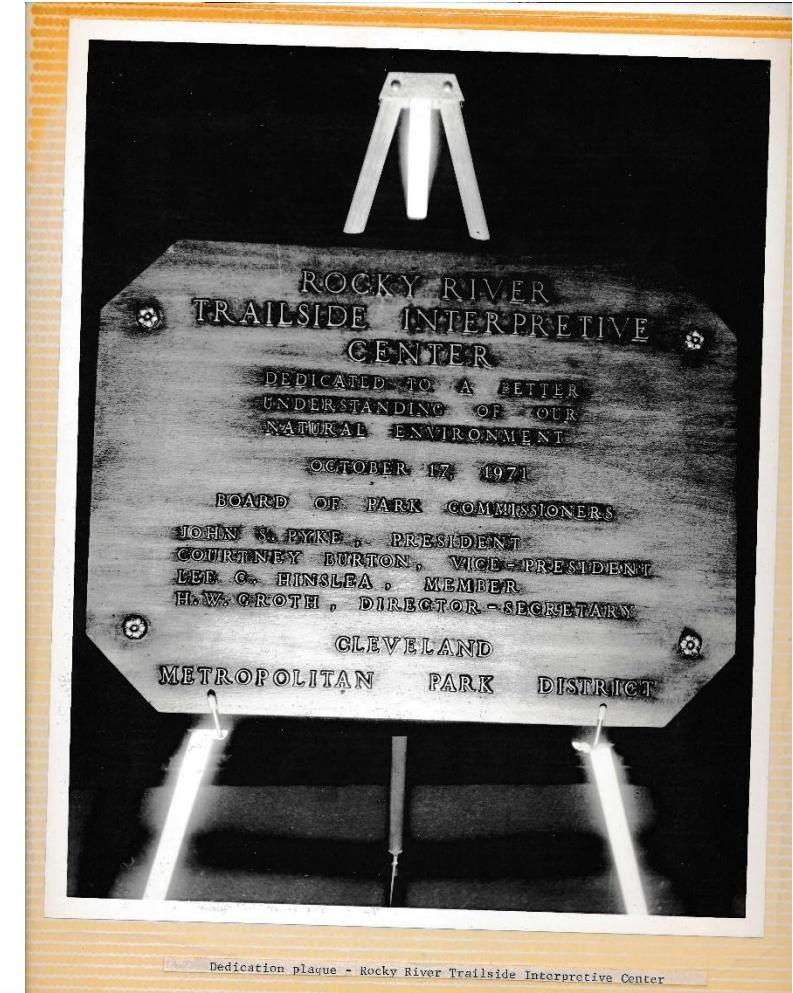
Trailside
Interpretive
Center built
in 1971



Rocky River Nature Center – Erosion Protection



COLUMBIA CEDAR SIDING AND CEDAR SHAKE SHINGLES CREATE A RUSTIC ATMOSPHERE



Dedication plaque - Rocky River Trailside Interpretive Center

Rocky River Nature Center – Erosion Protection



Rocky River Nature Center – Erosion Protection



Rocky River Nature Center – Erosion Protection



Rocky River Nature Center – Erosion Protection



Rocky River Nature Center – Erosion Protection

Based on historical architectural drawings and the most recent survey, the bluff has retreated roughly 4 feet since 1969.



Rocky River Nature Center – Erosion Protection



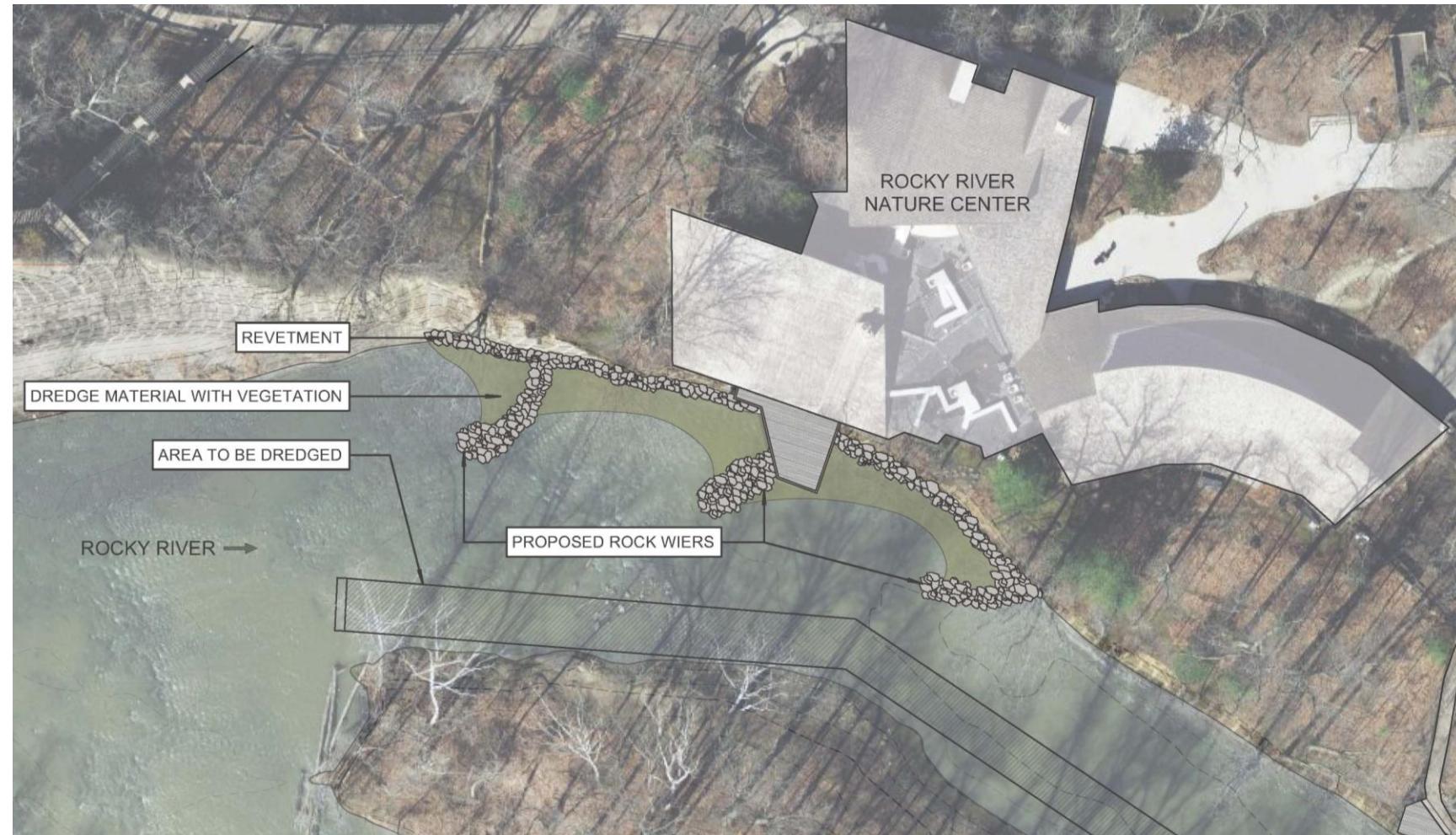
Rocky River Nature Center – Erosion Protection



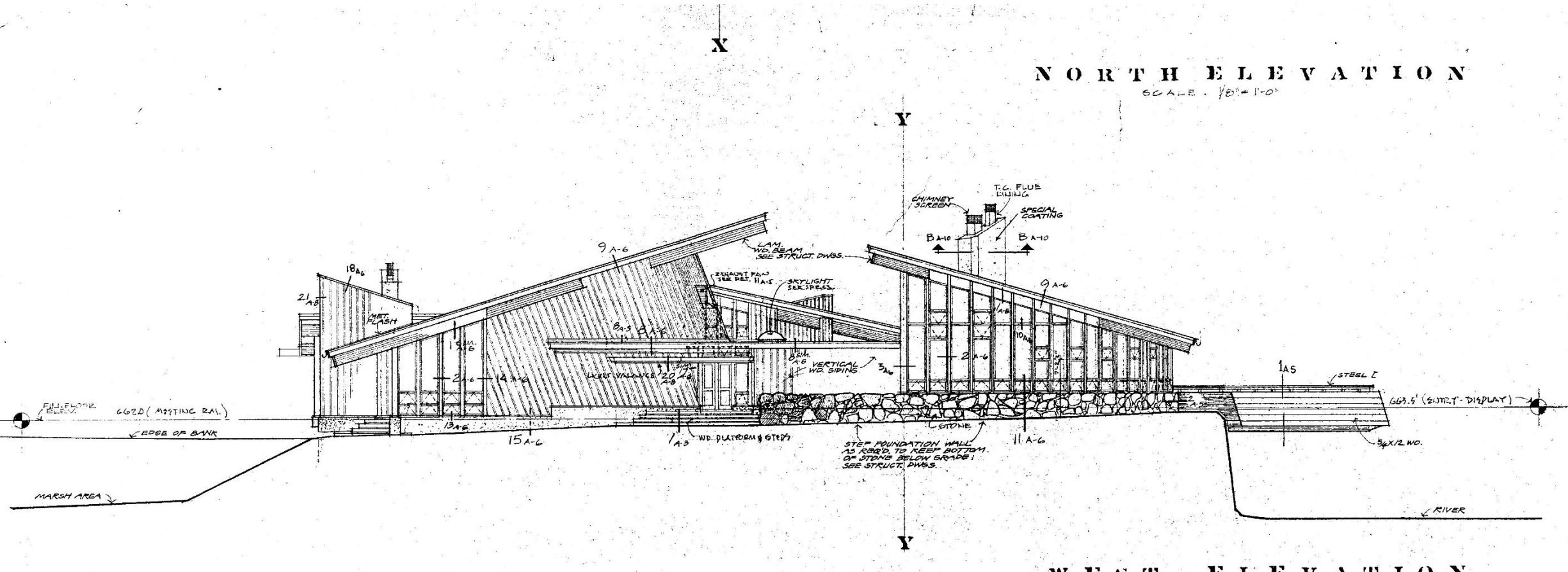
Rocky River Nature Center – Erosion Protection

Shoreline Protection Design

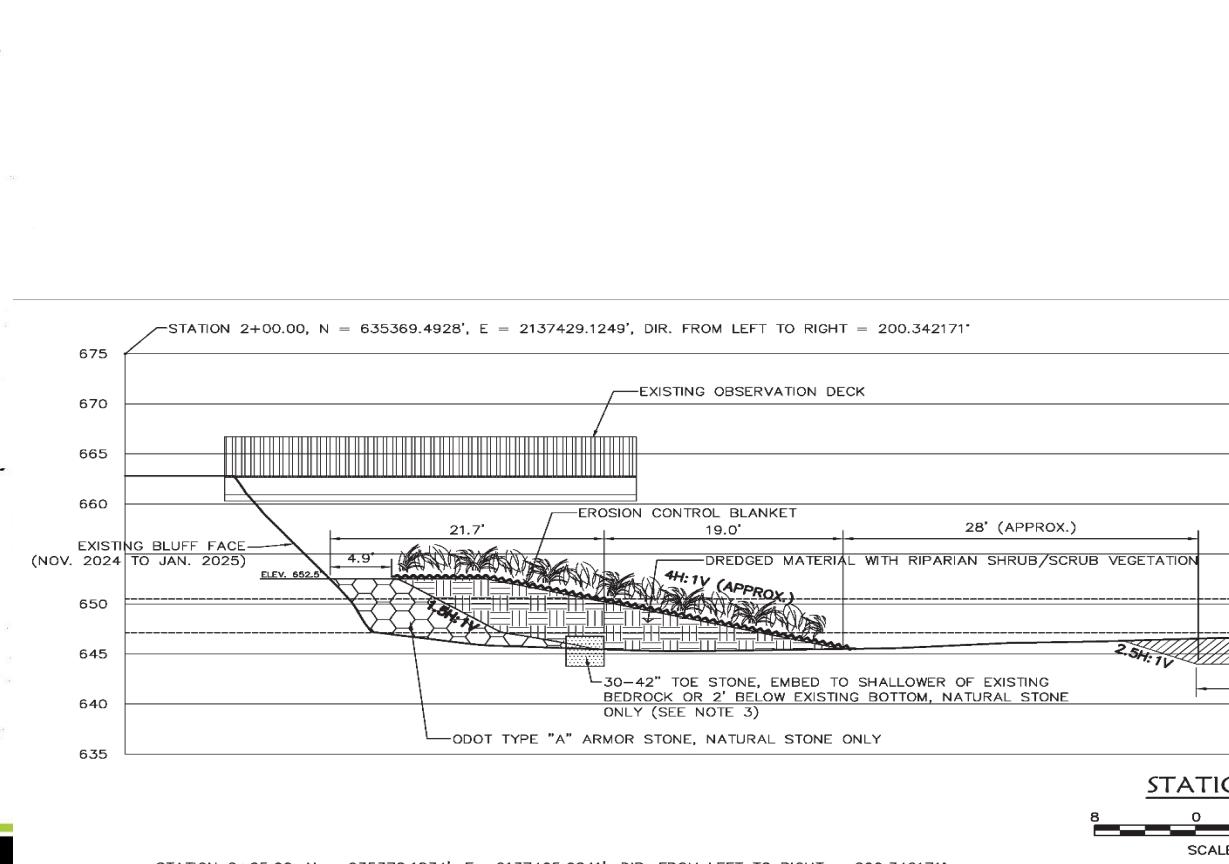
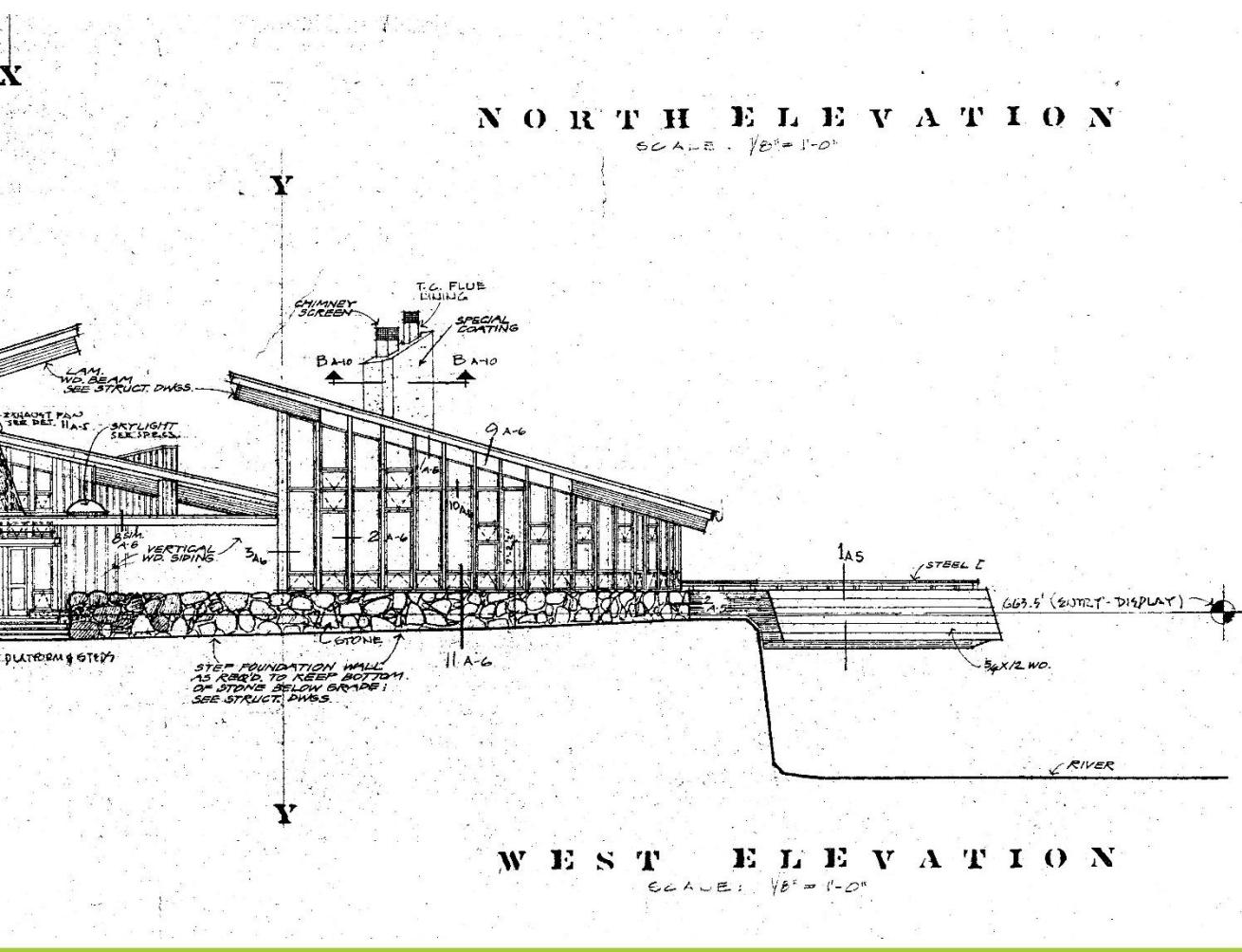
- **Stone revetment** along toe of bluff will protect it from constant erosion and undercutting
- **Rock weirs** and **vegetated fill** extending out into the river will direct flow away from the bluff
- **Dredged area** will also help direct flow away from the bluff



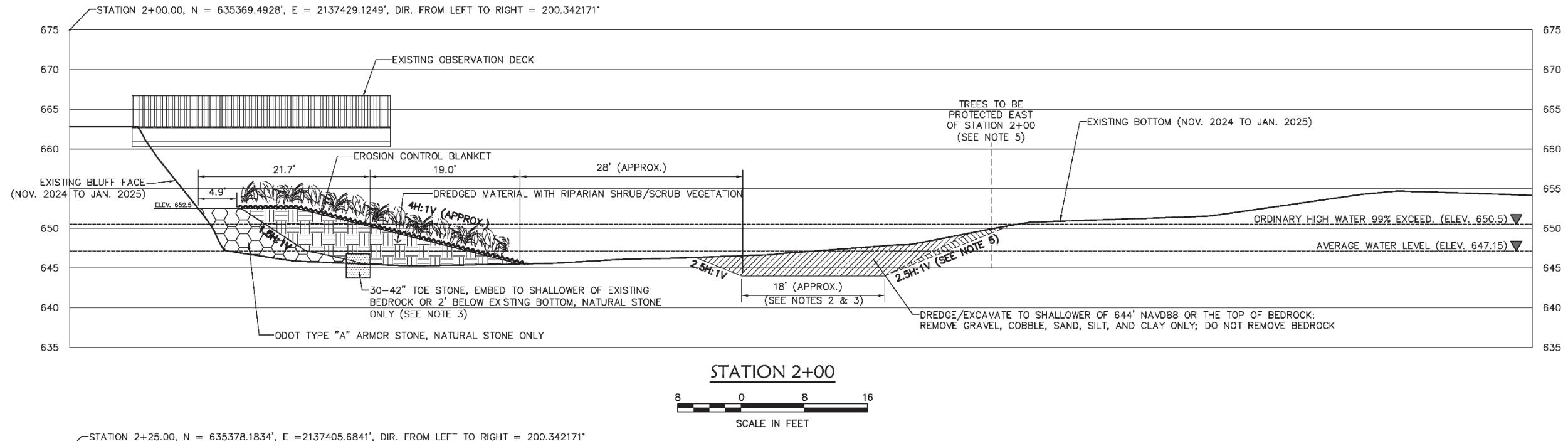
Rocky River Nature Center – Erosion Protection



Rocky River Nature Center – Erosion Protection

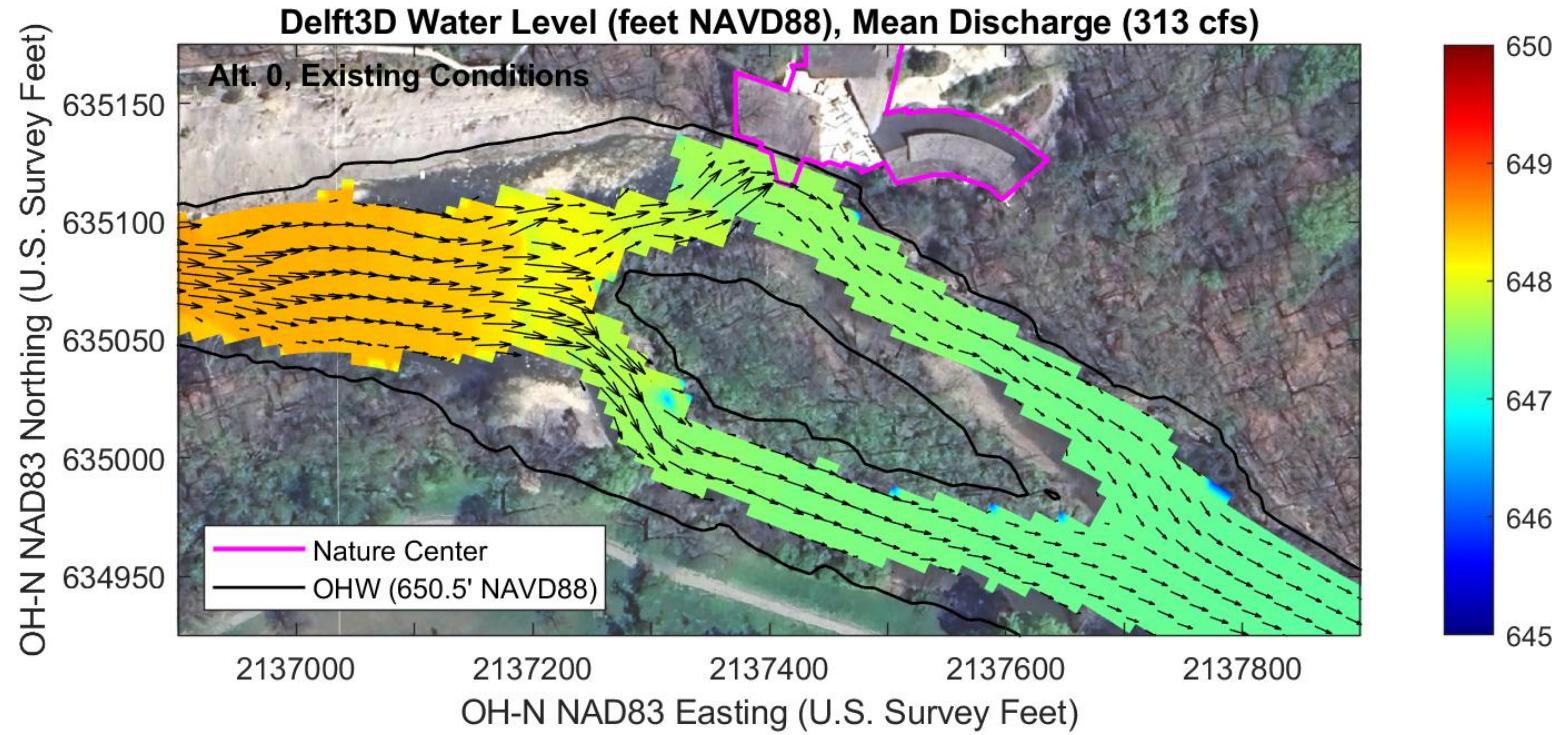


Rocky River Nature Center – Erosion Protection



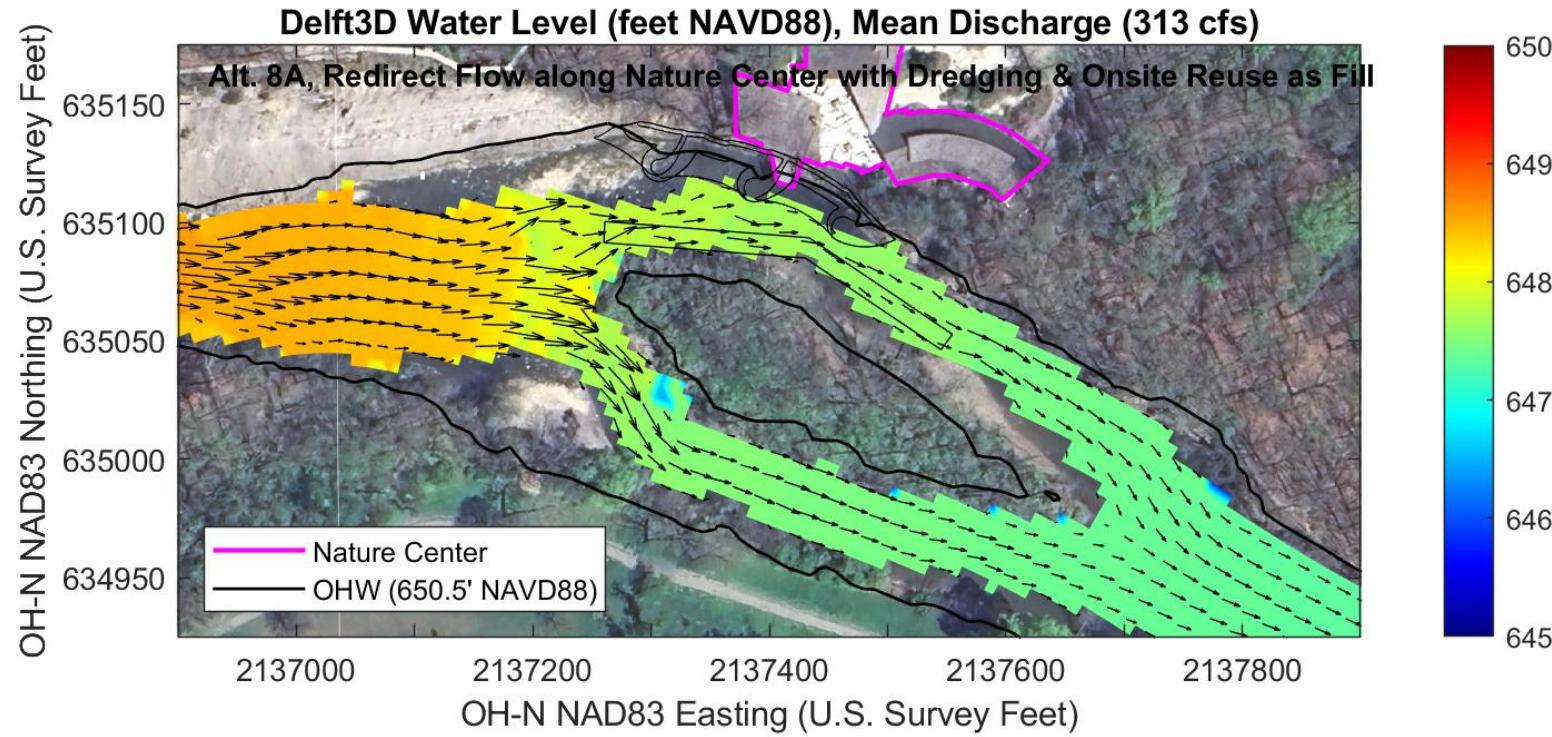
Rocky River Nature Center – Erosion Protection

Average Flow Scenario – EXISTING CONDITION



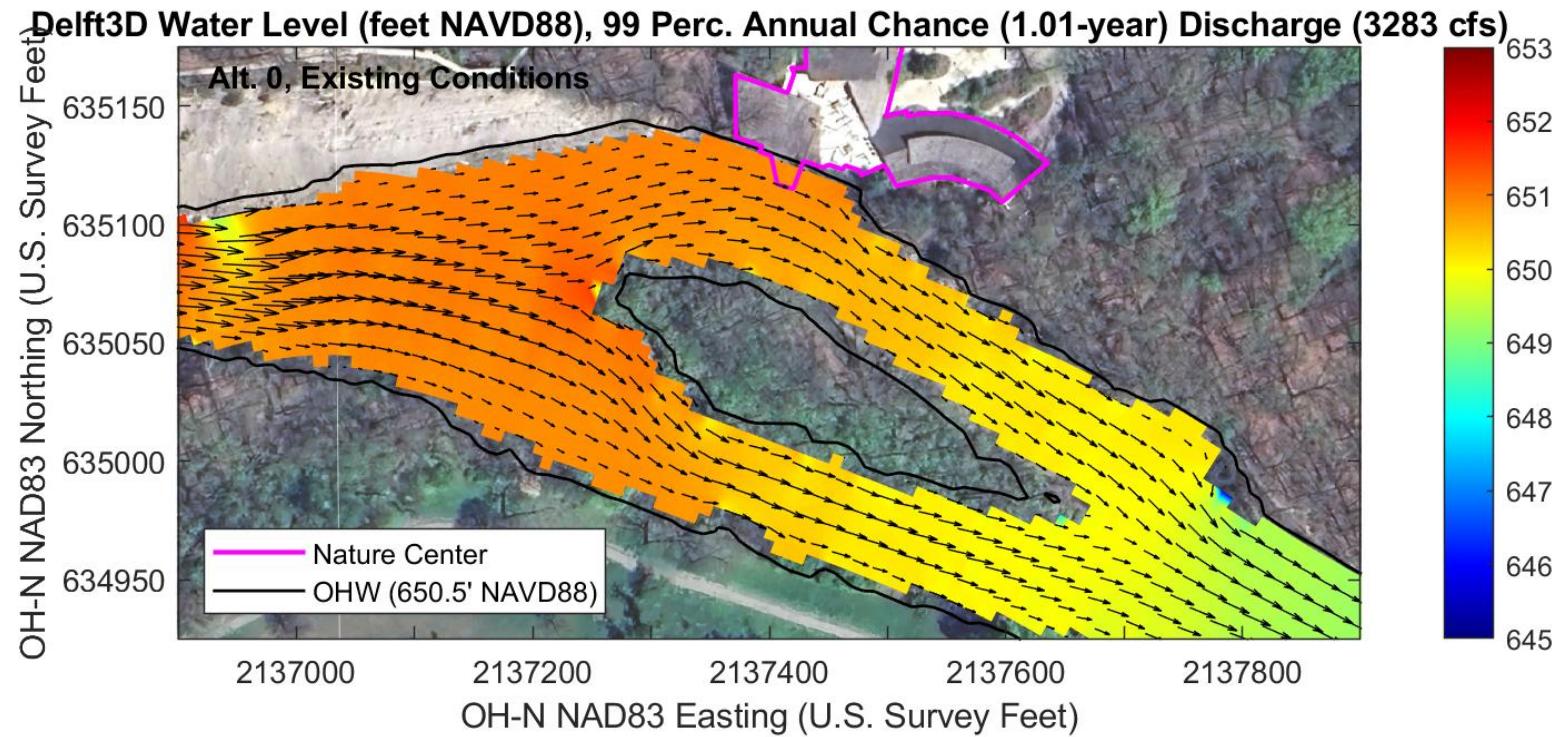
Rocky River Nature Center – Erosion Protection

Average Flow Scenario – AFTER PROJECT COMPLETION



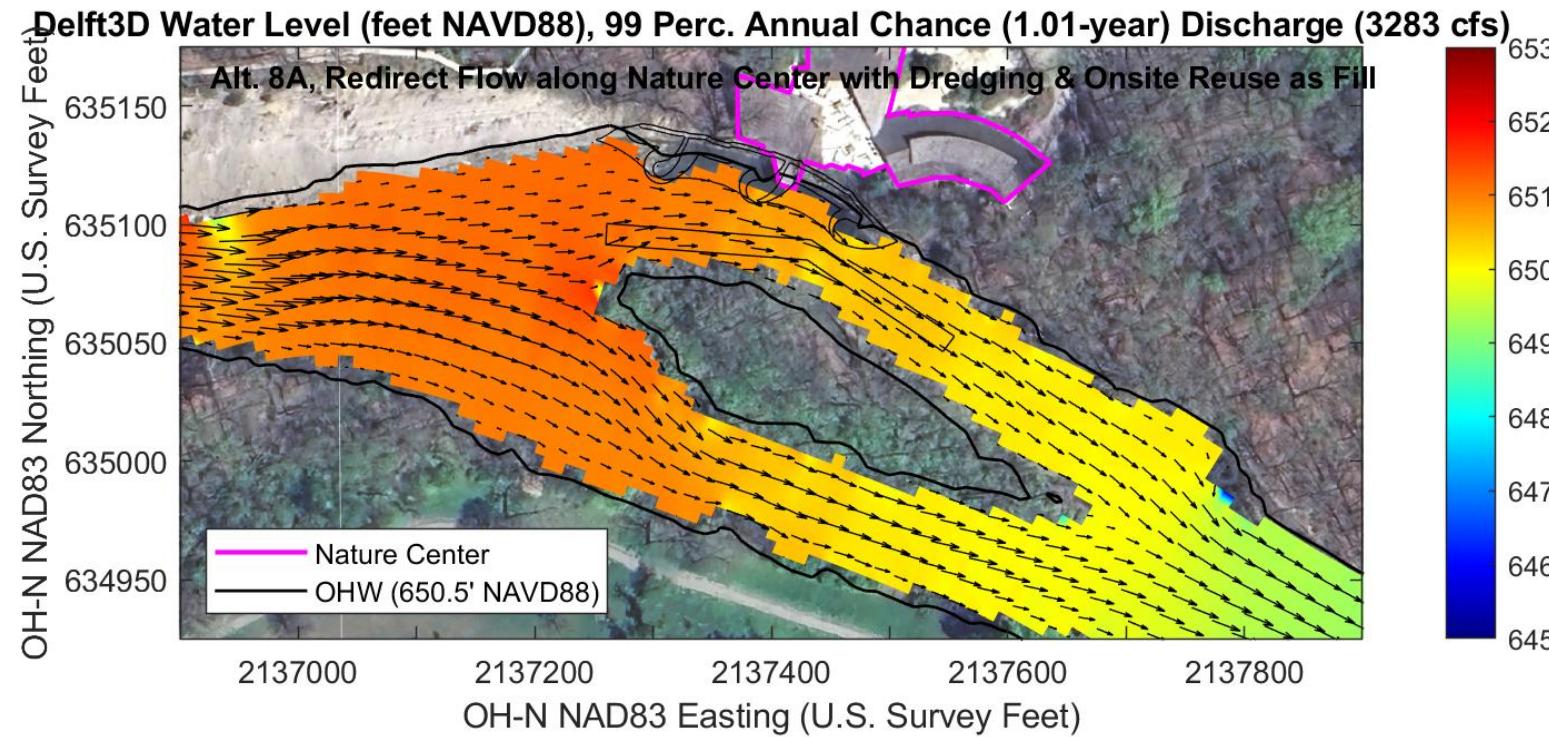
Rocky River Nature Center – Erosion Protection

99% Annual Chance Flow Scenario – EXISTING CONDITION



Rocky River Nature Center – Erosion Protection

99% Annual Chance Flow Scenario – AFTER PROJECT COMPLETION



Rocky River Nature Center – Erosion Protection

Project Schedule

Project out to bid	January 2026
Construction contract presented to Board for approval	February 2026
Construction start	Spring 2026
Construction completion	December 2026

