Marina Lagoon Spot Dredging

Project Update

March 4, 2026

6:00pm – 7:15pm

Public Works Department - James Yang, PE

6:00 PM – 6:15 PM	Staff Presentation
6:15PM – 7:00 PM	Q&A
7:00 PM – 7:15 PM	Next Steps

I. Project Background

II. Project Details

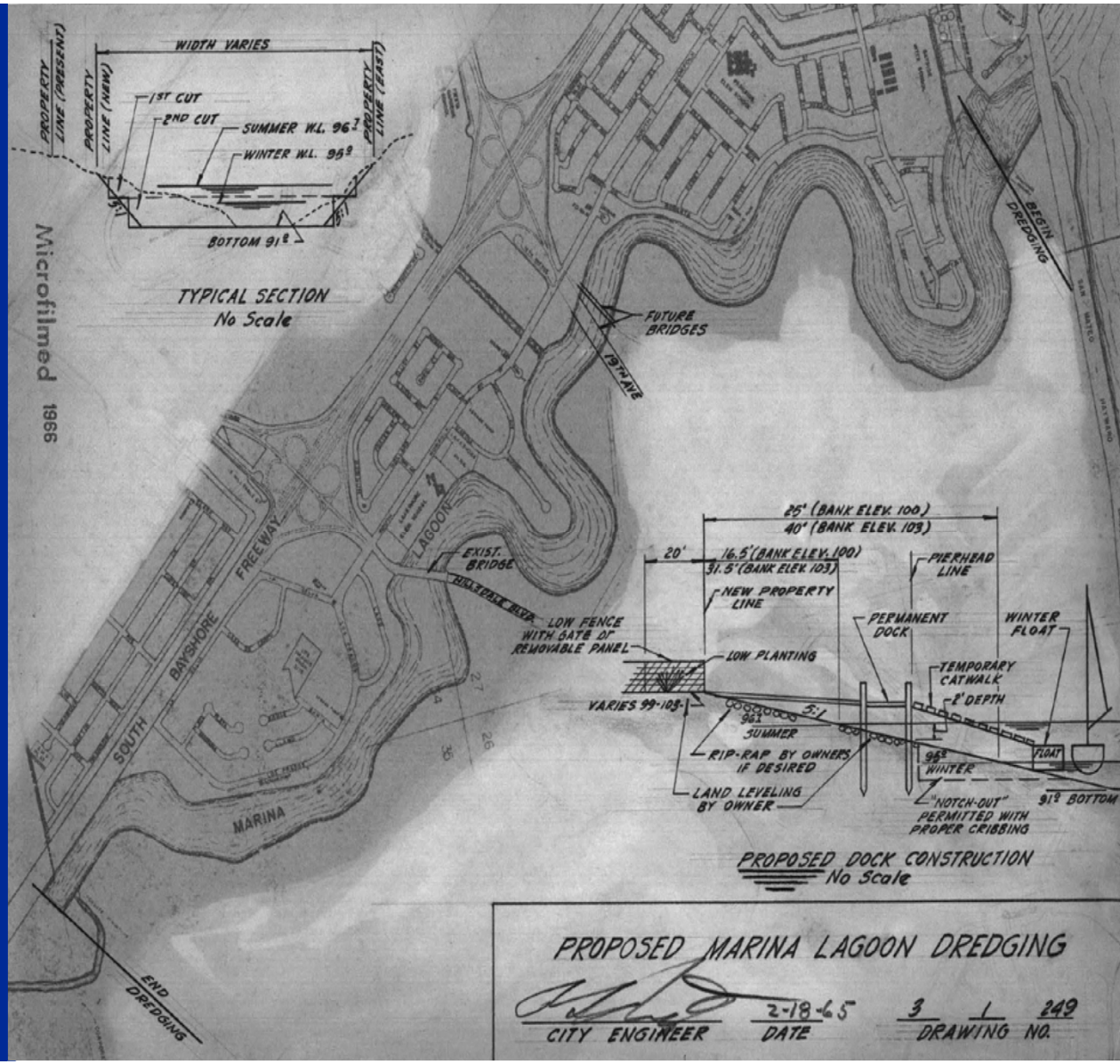
III. Anticipated Schedule

IV. Construction Considerations

V. Q&A

Project Background

- Marina Lagoon originally constructed in the 1960s
- Primary flood retention facility for City
- No significant dredging efforts since its original construction



Project Background

- New Year's Eve 2022 storm resulted in significant flooding throughout City
- Following that historic storm, City committed to several stormwater management initiatives
- "Spot" dredging in Marina Lagoon included as part of those efforts







Project Background

- City hired a consultant to design plans for limited “spot” dredging
- Permits only allow work between April 15 and October 31
- Work can only be done once
- Up to 2,000 cubic yards allowed for dredging
- Dredged material can only dry out via evaporation per permit conditions

CITY OF SAN MATEO

REQUEST FOR PROPOSALS

City of San Mateo
Public Works Department
Marina Lagoon Sediment Removal/Dredging Consultant Services

CITY OF SAN MATEO, CALIFORNIA

January 4, 2024

CITY OF SAN MATEO
Public Works Department
330 West 20th Avenue
San Mateo, CA 94403
650-522-7300

Project Details

- Several locations considered for temporary staging of 2,000 cubic yards
- Anchor Rd Parcel selected after evaluating feasibility
- Offhaul will utilize access road off Anchor Rd
- Dredge equipment will utilize boat ramp

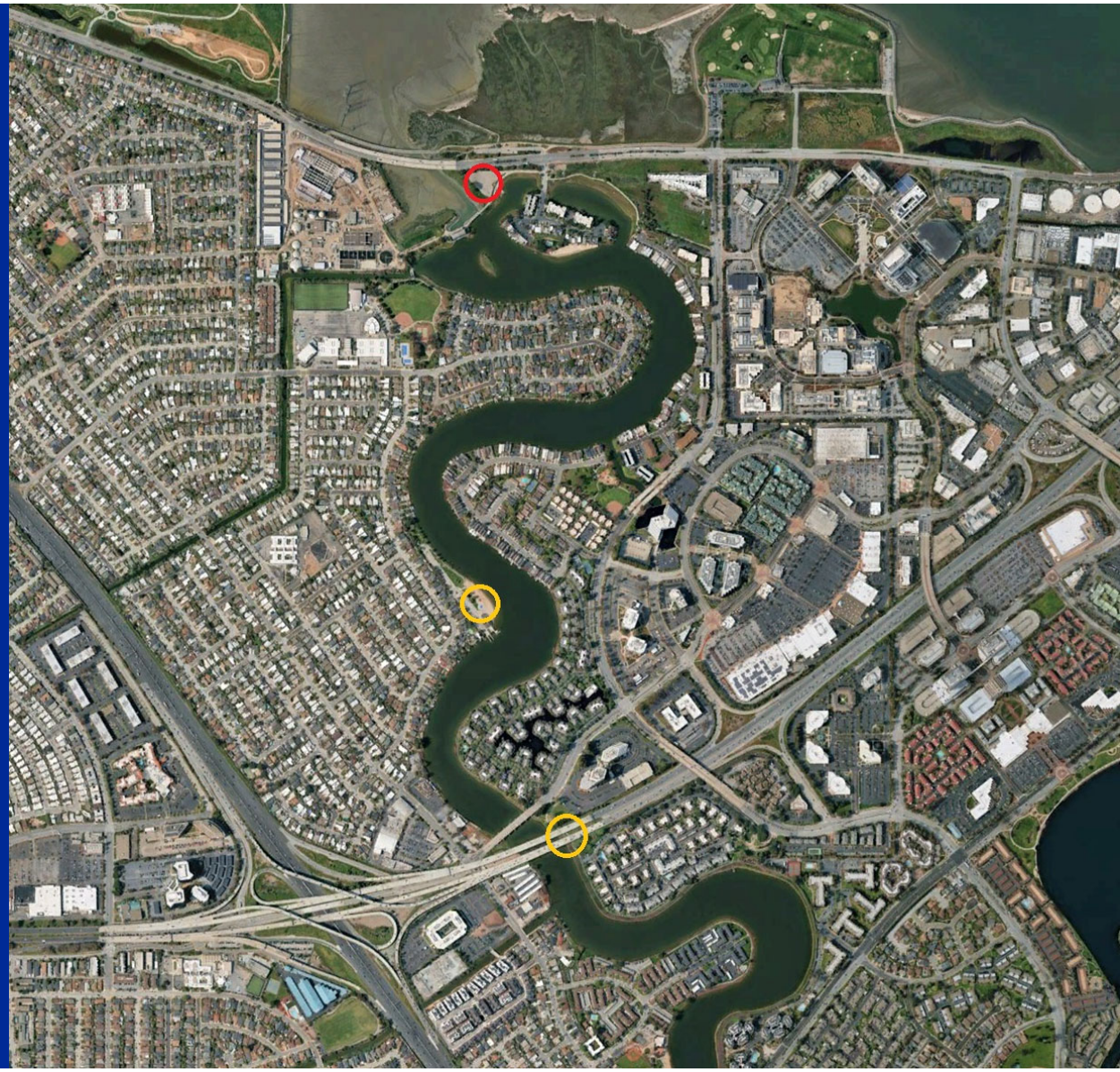
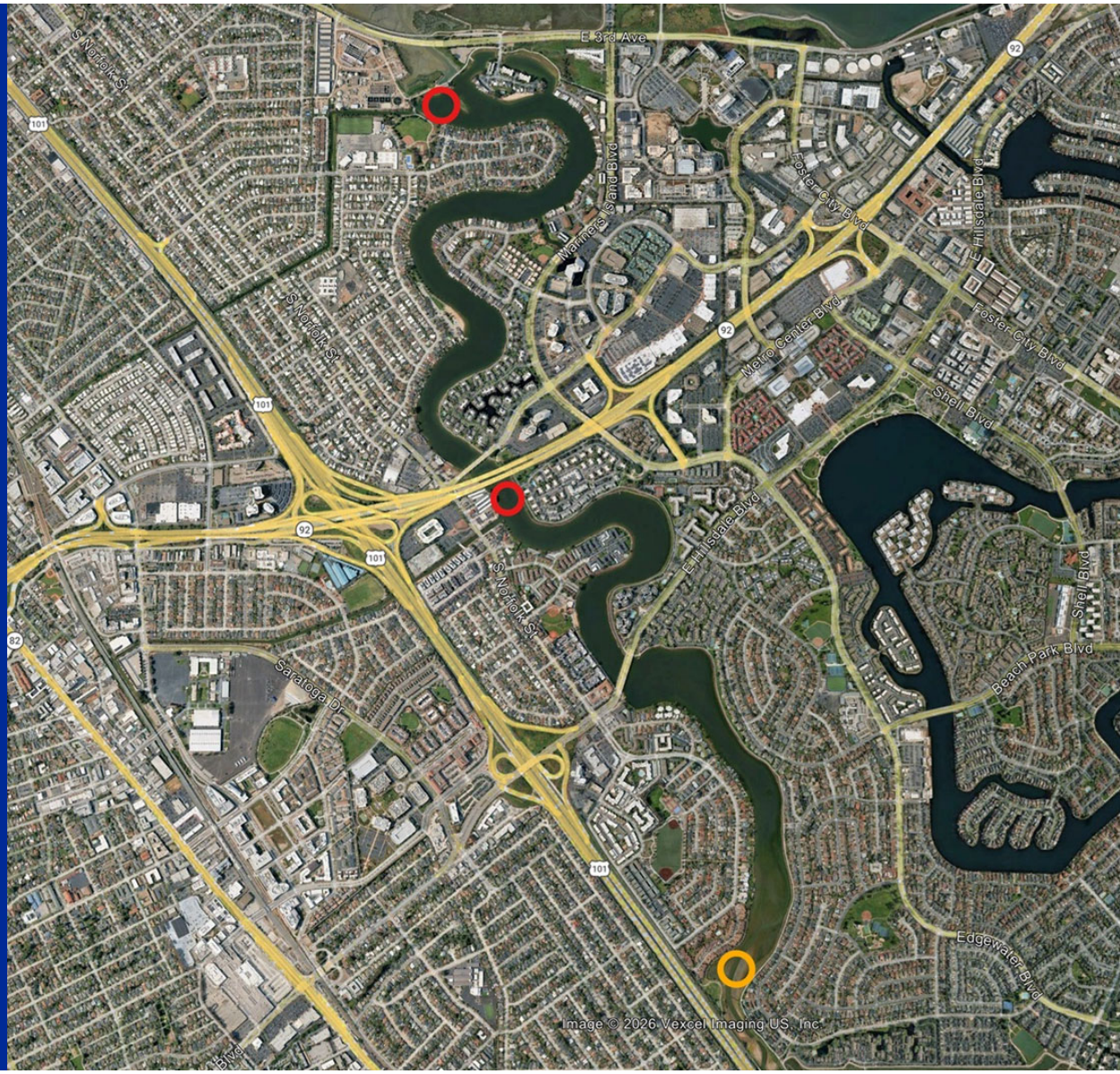



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Google Earth

Project Details

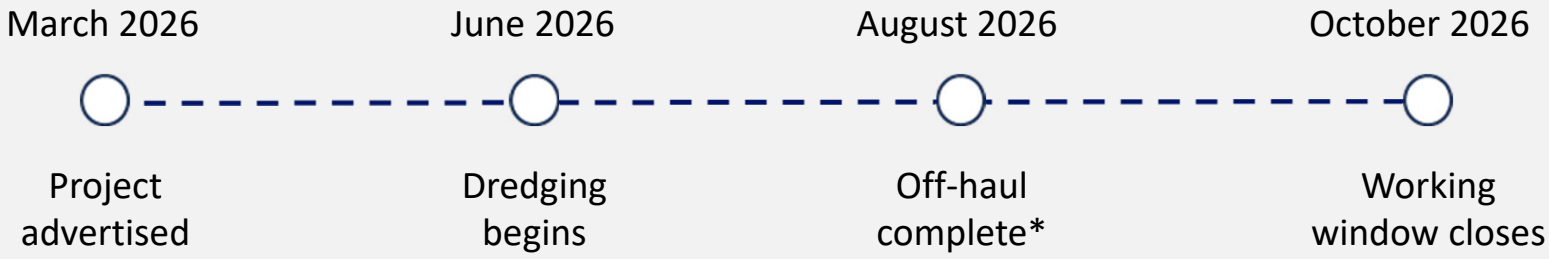
- Three locations initially considered to improve hydraulic connectivity
- Two locations selected for targeted dredging
- Total dredged volume is 2,000 cubic yards



A Quick Recap

- This Project is part of City's commitment to stormwater management activities following the 2022 NYE Storm
- Active permits only allow **one** episode of dredging
- Dredging will improve hydraulic connectivity of Lagoon
- Project is limited to 2,000 cubic yards total allowed

Anticipated Schedule



*Estimated 6 weeks for dredging and estimated 6 weeks for material to dry and be off hauled (will be longer or shorter depending on weather)

Construction Considerations

- Work Hours
- Pedestrian Path Detour
- Lagoon Access and Temporary Staging
  - Boat ramp use
  - Visual presence of stockpile
  - Potential odor

Construction Considerations



Thank You

Questions?

For additional comments please call 650-522-7300 or email publicworks@cityofsanmtaeo.org