

# Measure DD (2002), the Oakland Trust for Clean Water and Safe Parks

Project update  
September 18, 2023



# No updates

1. Glen Echo Creek Restoration – last update March 2023
2. Creek Restoration of Beaconsfield Branch Sausal Creek – last update May 2022
3. Measure DD Coalition Administrative Support Contract – implementation underway
4. EBRPD Waterfront Trail Sites
  1. Crowley Site
  2. Gallagher & Burk (344 High Street – Oliver De Silva Inc., owner)
  3. Hanson Aggregates (4501 Tidewater Avenue) – Home Dock Properties

# Tide Gate Operations Manual for the 7th Street Flood Control Facility

Flood Control District provided answers to DD Coalition questions

See [www.oaklandca.gov/resources/measure-dd-community-coalition-document-archive#miscellaneous](http://www.oaklandca.gov/resources/measure-dd-community-coalition-document-archive#miscellaneous)

## Miscellaneous

- [7th St. Pump Station Questions to the Flood Control District 9/12/2023](#)
- [Channel Improvement Project Request 9/17/2020](#)
- [Lake to Estuary Committee Summary 5/20/2019](#)
- [Background for Lake to Estuary Committee Summary 5/20/2019](#)
- [Bay Trail Gap Tracking Chart](#)
- [Bay Trail Subcommittee Crowley Site recommendation 9/14/2017](#)
- [Bay Trail Subcommittee press release 3/5/2017](#)
- [Simple map of gaps in Bay Trail 3/5/2017](#)
- [EBRPD map of gaps in Bay Trail 9/19/2017](#)

Distilled Question	Category	Flood Control District's Response
When/why to open and close gates?	open and close factors	The station is remotely operated through our SCADA system and operates in 5 modes. Modes 1-4 are various configurations set up for specific operation results, Mode 5 is fully automated to handle rain events and tide conditions. There are no time constraints, day or night, for operation. Rainfall amounts and tidal action determine operation. Configuration is regularly set up to accommodate the tidal action of estuary natural flows and the flushing of the lake. The District's practice is to operate the station in a manner that balances natural water flows while providing flood protection to the surrounding urban areas during peak times for potential flooding (king tides of 6.8 feet and higher and heavy rainfall predicted by the National Weather Service for Oakland and surrounding area).
factors for how to operate?	open and close factors	
protocols for open and closing tide gates	open and close factors	
tide gate and max and min water levels	open and close factors	
	open and close factors	
wet and dry season protocols	open and close factors	
high tide management	open and close factors	
SCADA	open and close factors	
staff discretion in tide gate operation	open and close factors	
definition of open. Binary or gradient?	open terminology	
Degrees of open of Flood Control Station	open terminology	The Lake Merritt pump station is designed for flood control purposes only. Water quality issues in the Lake should be addressed with the City of Oakland
Pump station and water quality	dissolved oxygen	
weight of factors, dissolved oxygen	dissolved oxygen	
emergency increase to dissolved oxygen?	dissolved oxygen	
dissolved oxygen stakeholder monitoring and resourcing	dissolved oxygen	
low d.o. from just one open gate?	dissolved oxygen	
short term dissolved O2 monitoring funds	dissolved oxygen	
monitoring dissolved oxygen	dissolved oxygen	
dissolved oxygen in deep pockets	dissolved oxygen	The dredging of the Lake should be addressed with the City of Oakland.
strategic dredging to increase flow and ensure aerator operability	dredging	
Implementing Wood Rodgers recommendations	Wood Rodgers report	
Anticipated changes	Updates/Plans	The District believes the pumps are operating optimally.

# Decomposed Granite Path Around Lake Merritt

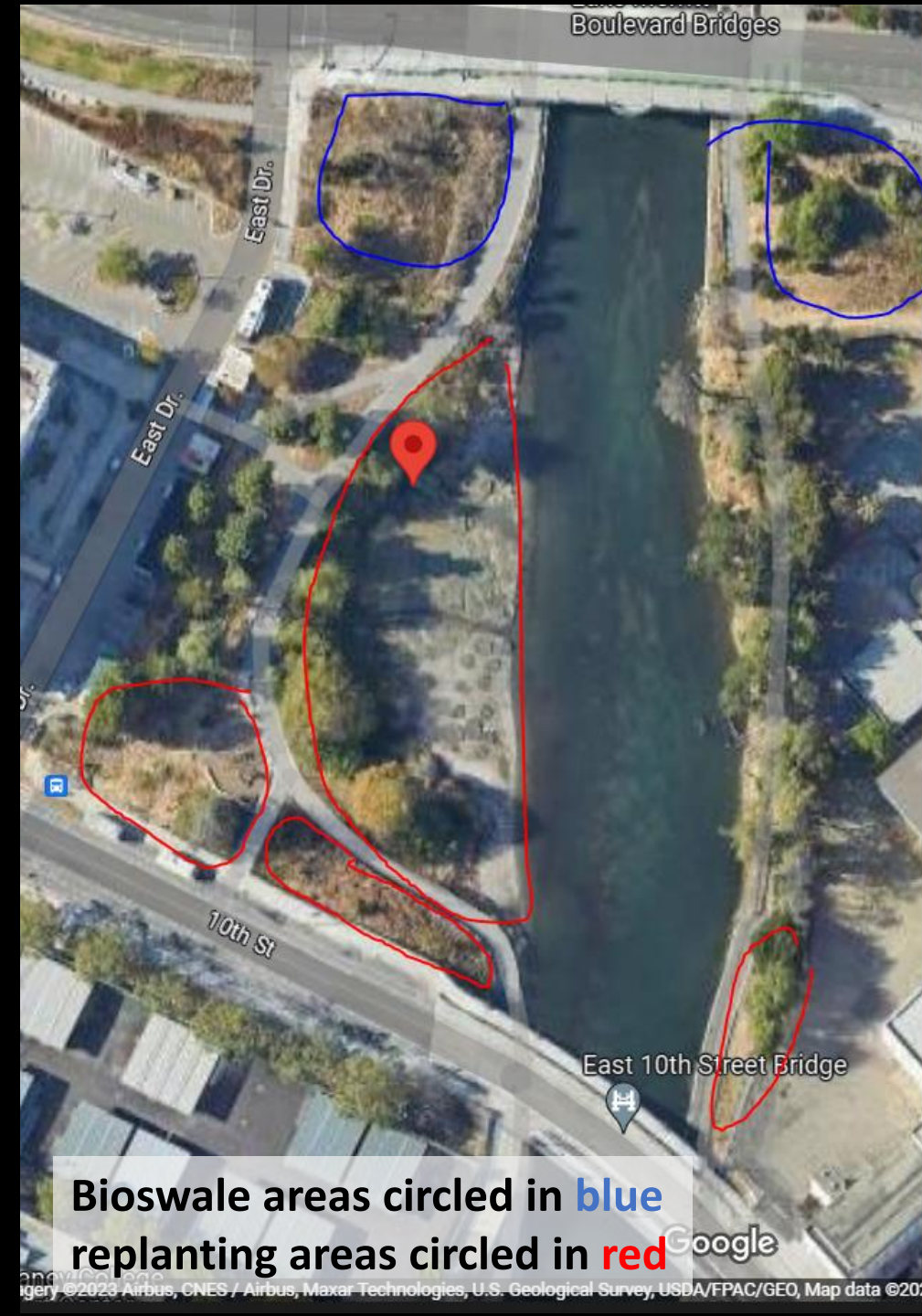
- Project manager is continuing to work on securing a contract to complete the work.
- A quote from a subcontractor was received and exceeds available funding. Contracting issues are preventing moving forward. Working to resolve these issues.

# Lake Merritt Channel Improvements at 10<sup>th</sup> Street



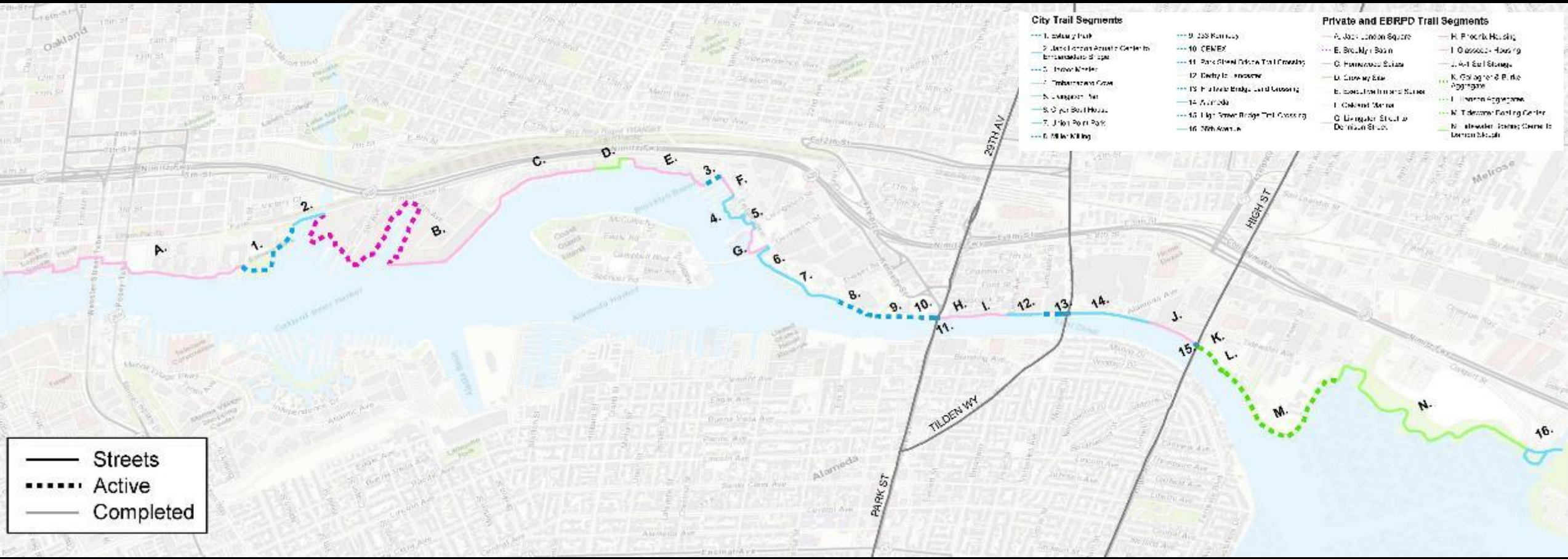
# Lake Merritt Channel Improvements at 10<sup>th</sup> Street

Close out of regulatory agency permits and issuance of water quality certification by the regulatory agencies is contingent on replanting, monitoring and reporting. On hold until plan can be developed to prevent impacts to mitigation areas from encampments.



Bioswale areas circled in blue  
replanting areas circled in red

# Oakland Waterfront Access, Parks, and Cleanup

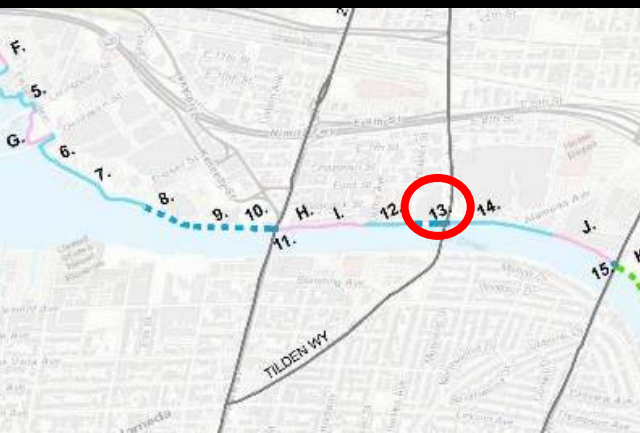
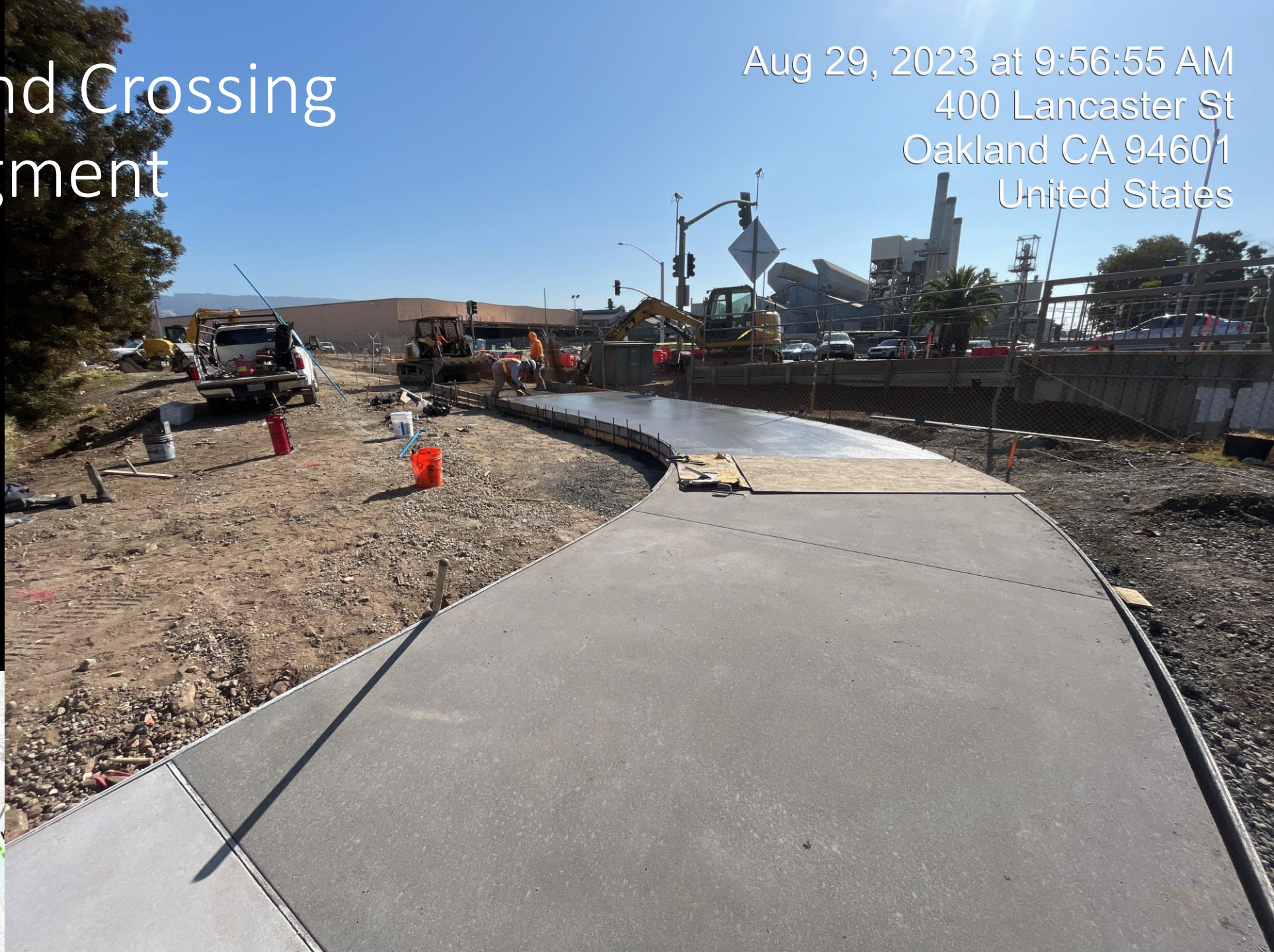


<https://cao-94612.s3.amazonaws.com/documents/Info-Memo-Waterfront-Trails-Update.pdf>

# Fruitvale Land Crossing Bay Trail Segment

Construction began to complete the ~420' segment and is anticipated to continue through November 2023.

Aug 29, 2023 at 9:56:55 AM  
400 Lancaster St  
Oakland CA 94601  
United States



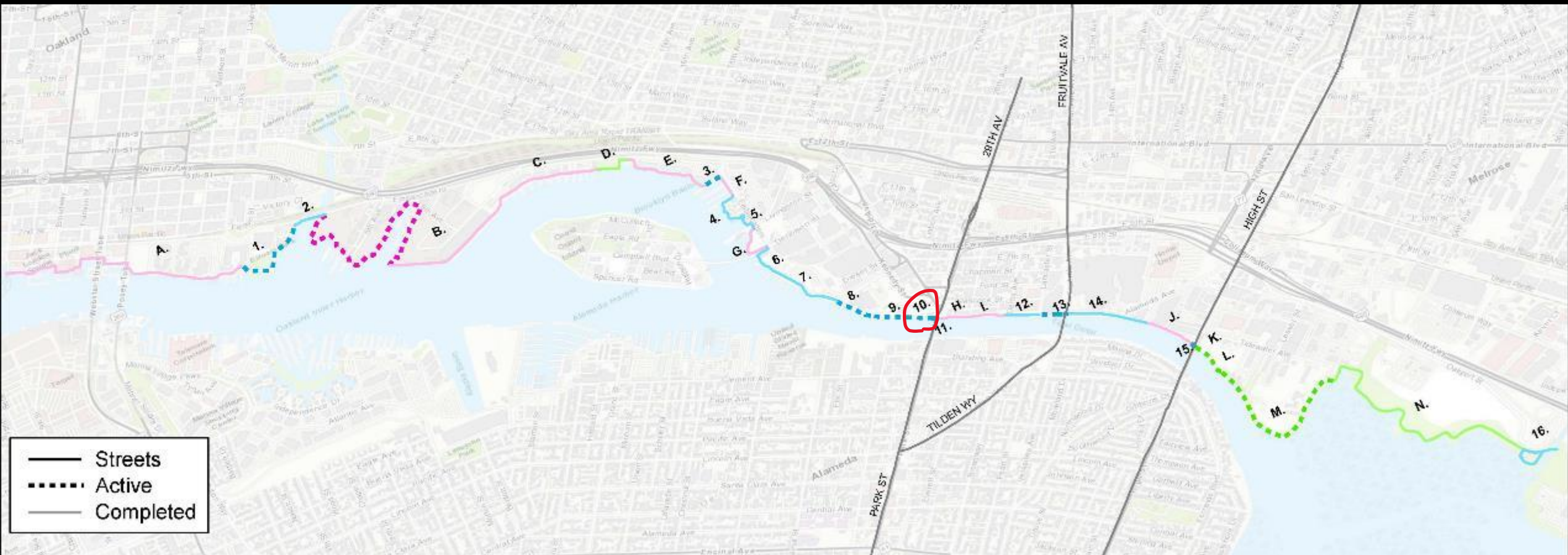


# Estuary Park

- Project awarded CA Coastal Conservancy Climate Adaptation fund grant for enhanced design of the living shoreline.
- Draft California Environmental Quality Act Environmental Impact Report Addendum and 95% Documentation paused to allow time for the enhanced shoreline design to advance/catch up.
- Technical work continuing
- Planning for funding project construction with Series D Measure DD funds:
  - See [Parks & Open Spaces \(opengov.com\)](https://www.opengov.com)



# Union Point Park to 23rd Avenue Trail aka Miller Milling to Cemex E. 7th St to 23<sup>rd</sup>/29th Aves



# Union Point Park to 23rd Avenue Trail aka Miller Milling to Cemex E. 7th St to 23<sup>rd</sup>/29th Aves

Phase II Environmental Site Assessment Report complete.

Draft order-of-magnitude cost estimate for easement acquisitions, and a site draft geotechnical report completed earlier in 2023 and are still under review.

Due to staff resources availability and competing project priorities, project behind schedule. Public Works Project and Grants Management Division seeking alternative delivery path to move the project forward.



# Creek and Waterway Restoration



# Courtland Creek Restoration



## Creek restoration

- Construction contract executed June 8, 2023
- Notice to Proceed issued June 18
- Construction underway and expected to be complete by spring 2024

# Glen Echo Creek Restoration

- Due to staffing shortages this project is paused.
- Public stakeholder meetings may start in fall of 2024.



Pre-project conditions downstream of HWY 580.  
Natural channel with invasive ivy and native overstory vegetation.

# Acquisitions

Staff asking consultant for another draft of top 200 parcels that excludes developed lands and already protected parcels.

