

Santa Monica Bay Stormwater Total Maximum Daily Load (TMDL) Trash Treatment Project

February 20, 2024



Background

- Identified in Beach Cities Enhanced Watershed Management Plan (EWMP)
- Trash TMDL compliance for 40% of City's watershed



Water Quality Benefits

Address TMDL Waste Load Allocations and 303(d) Listed Impairments:

- Trash/debris
- Sediment-borne pollutants
 - DDT (TMDL)
 - PCBs (TMDL)
 - Indicator bacteria (TMDL)
 - Mercury (303(d) listed)
 - Arsenic (303(d) listed)

Additional Pollutants:

- Oil and grease
- Metals (sediment-borne)
- Plastics



Bay Foundation Partnership

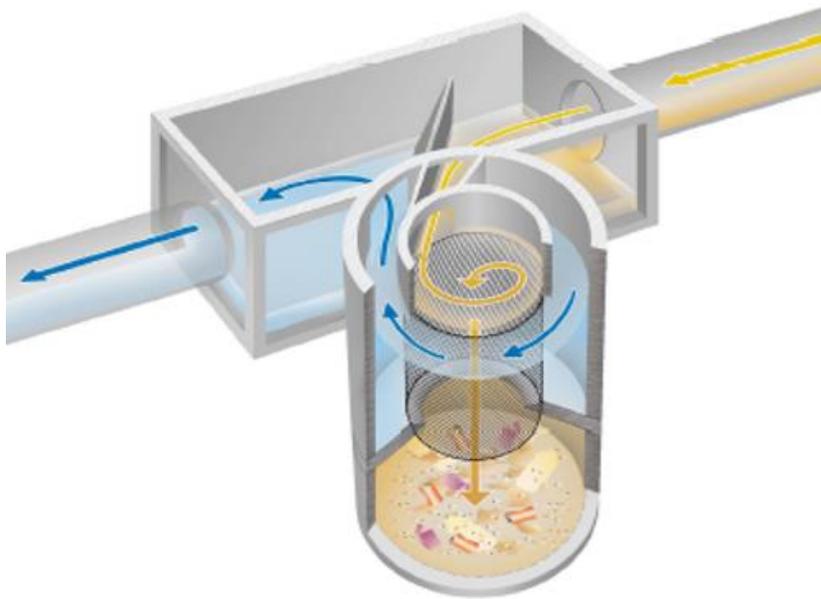


- Joint grant application for Prop 1 Funding
- Dune Restoration to Build Climate Resiliency
 - Foster accretion/retention of sand
 - Buffer from storm erosion
 - Protect vulnerable coastal assets
 - Supports native ecological systems

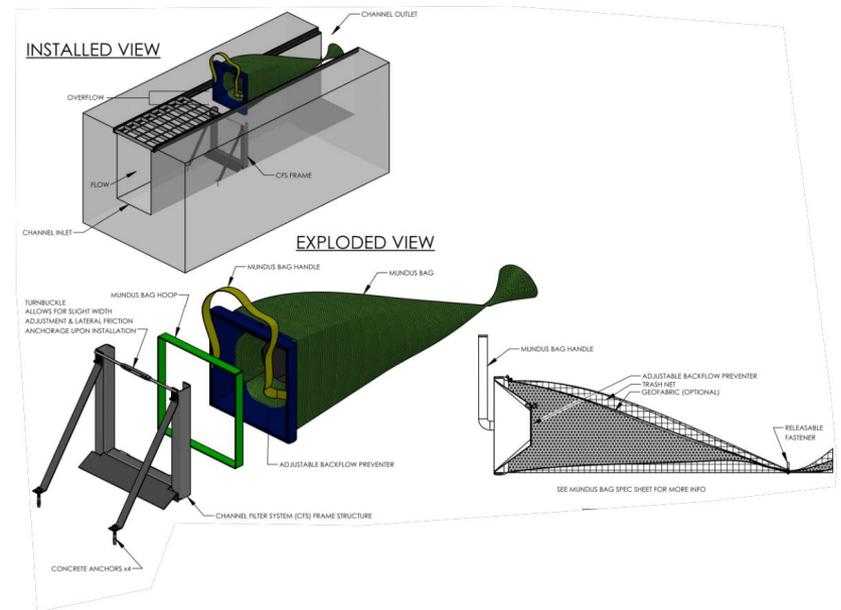


Project Scope

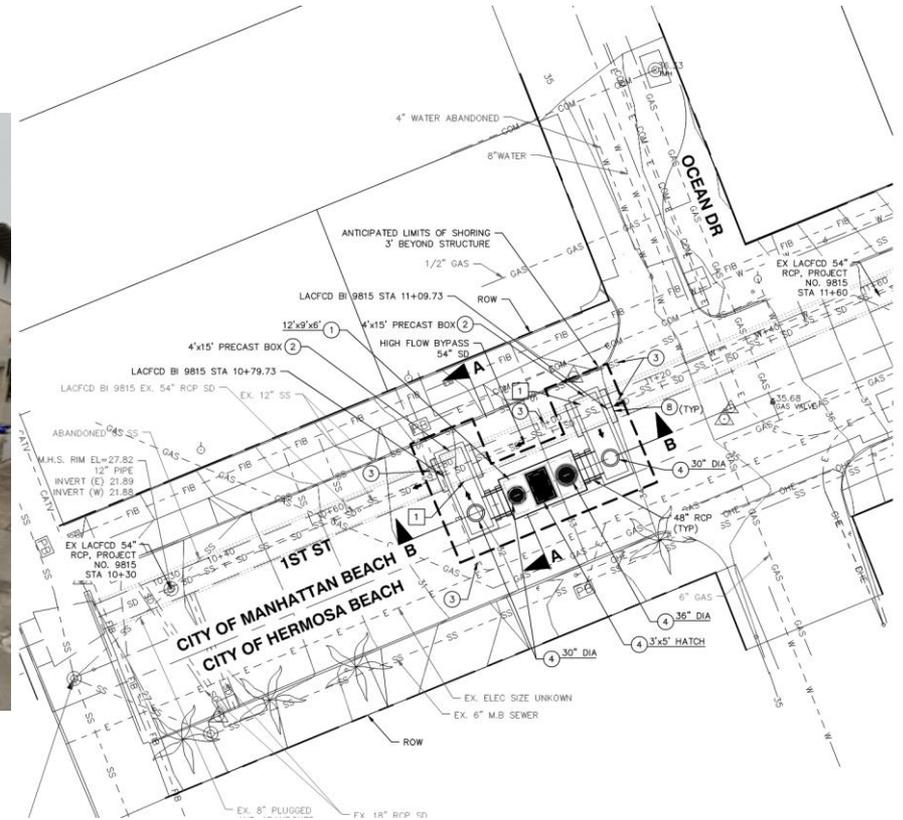
First Phase Hydrodynamic Trash Separators



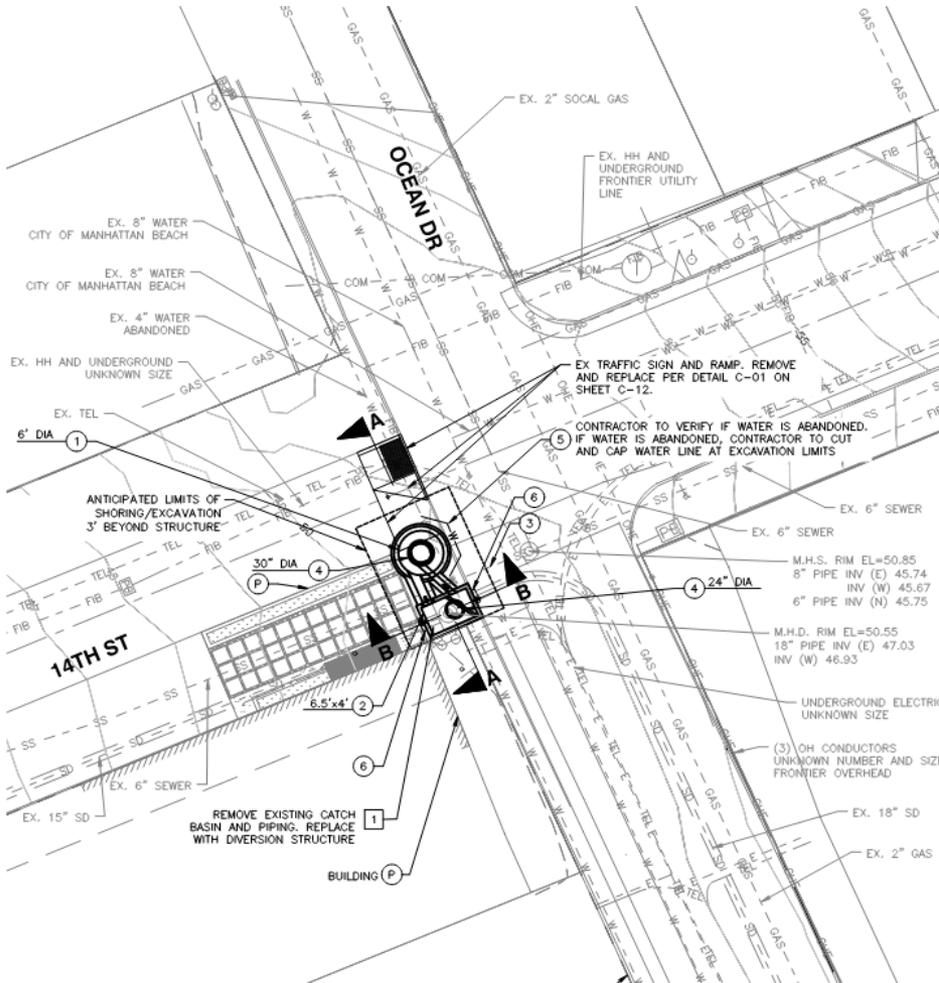
Second Phase Trash Screening Devices



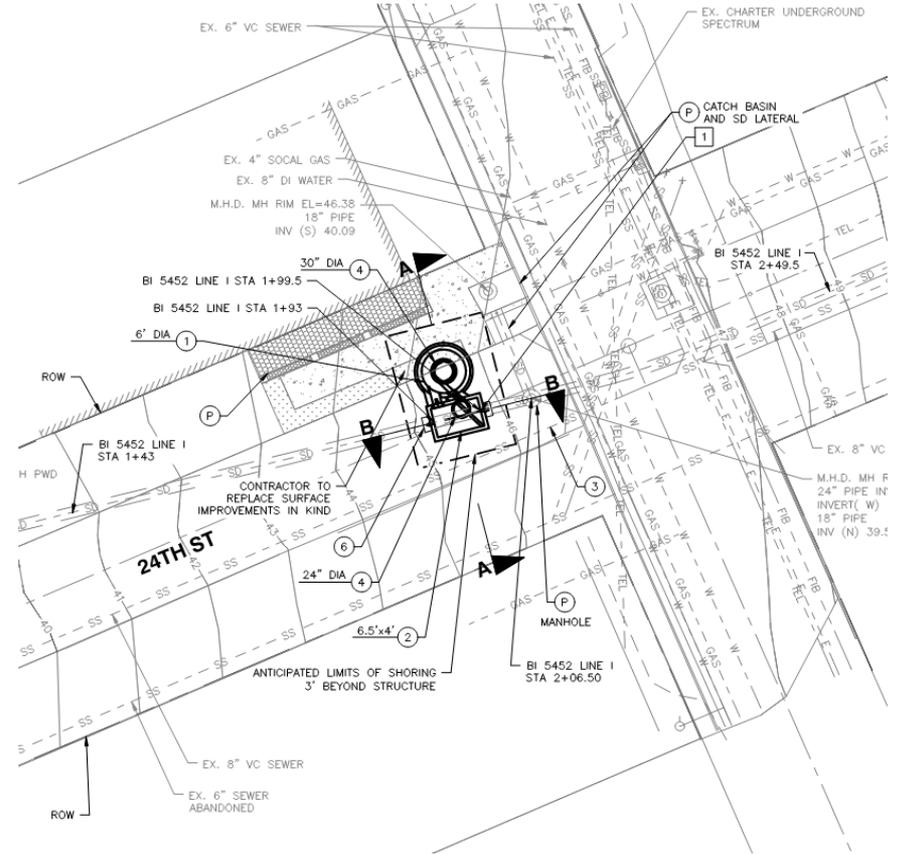
1st Street Stormwater Improvements



14th Street Stormwater Improvements



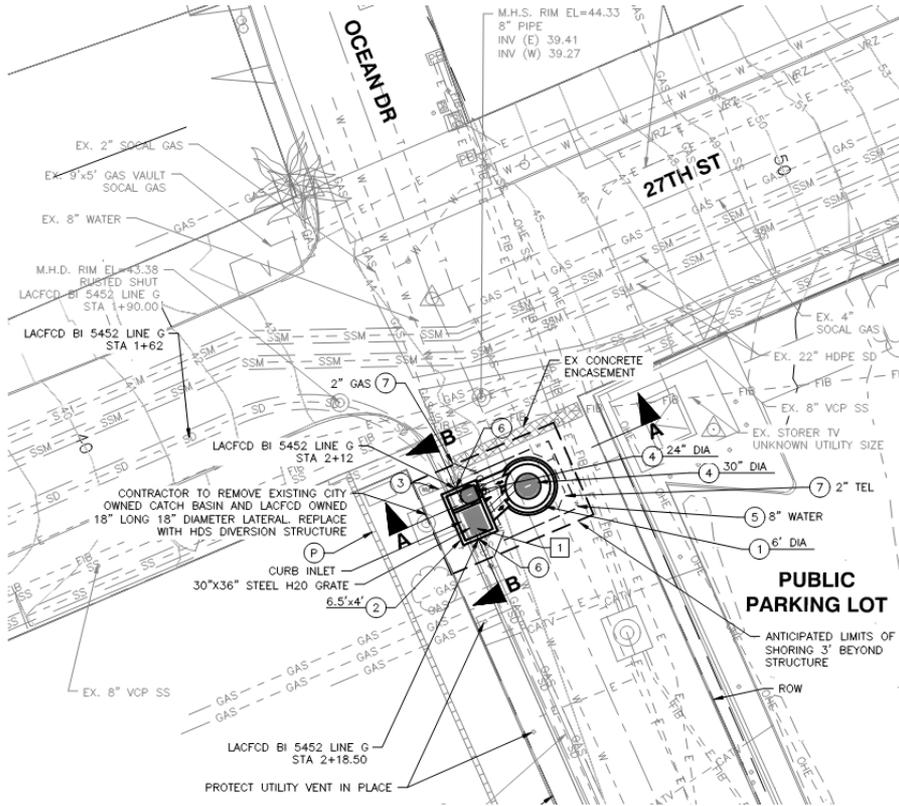
24th Street Stormwater Improvements



CITY OF
MANHATTAN BEACH

SANTA MONICA BAY TMDL TRASH TREATMENT PROJECT
FEBRUARY 20, 2024

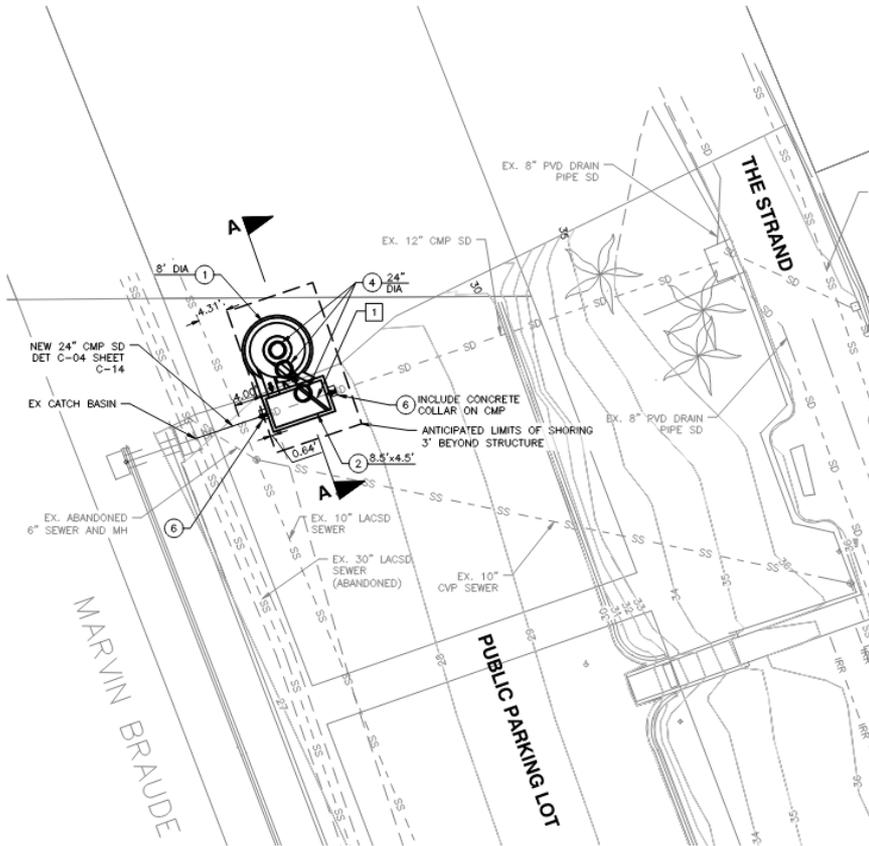
27th Street Stormwater Improvements



CITY OF
MANHATTAN BEACH

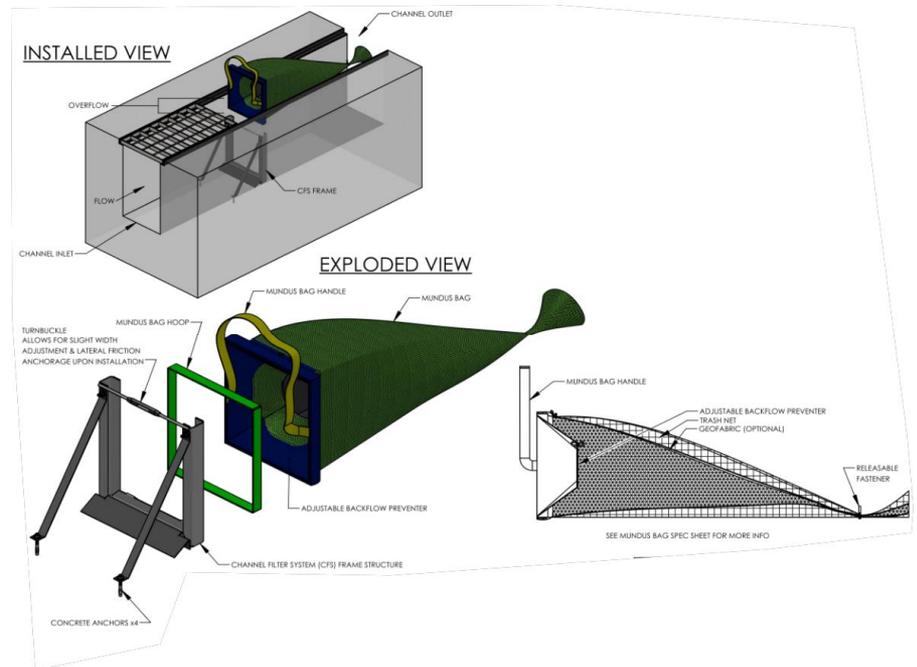
SANTA MONICA BAY TMDL TRASH TREATMENT PROJECT
FEBRUARY 20, 2024

39th Street Stormwater Improvements



Connector Pipe Screens

- Intersection of Aviation Boulevard and Artesia Avenue;
- 16th Place and 18th Street from Highland Avenue to The Strand;
- 21st Street and Ocean Drive;
- 28th Street and Ocean Drive; and
- 41st Street, 43rd Street, and 44th Street between Highland Avenue and The Strand.



Agreements and Schedule

Construction Work

- 1 bid received on January 24, 2024
- Recommending agreement with Clarke Contracting Corporation

Construction Management and Inspection

- 6 proposals received on November 29, 2023
- Recommending agreement with KOA Engineering

Anticipated Construction Schedule

Spring 2024 – Spring 2025



Construction Impacts

- Parking Temporarily Impacted During Construction
- Advanced Notice to Residents re: Parking Restrictions
- Residents Urged to:
 - Anticipate Reduced Parking Availability
 - Plan Accordingly



Community Outreach

October 26,
2023

- Parking and Public Improvements Commission

January 30,
2024

- Community Meeting & Notice to All Properties within 500 Feet of Each Location

February
20, 2024

- City Council



Staff Recommendations – Part 1 of 3

Staff recommends that City Council:

A. Adopt Resolution No. 24-0013:

1. Awarding a construction agreement to Clarke Contracting Corporation for the Santa Monica Bay Stormwater Total Maximum Daily Load (TMDL) Trash Treatment Project (Project) for \$3,225,000;
2. Approving the Plans and Specifications for the Project; and
3. Authorizing the City Manager and/or his or her designee to execute the agreement and approve additional work up to \$322,500.

B. Adopt Resolution No. 24-0014:

1. Approving a professional services agreement with KOA Engineering for \$380,076 for construction management and inspection services; and
2. Authorizing the City Manager and/or his or her designee to execute the agreement.



Staff Recommendations – Part 2 of 3

C. Adopt Resolution No. 24-0015:

1. Approving a Maintenance Service Agreement with Los Angeles County Flood Control District (LACFCD) for the maintenance of Trash Excluder Devices;
2. Authorizing the City Manager and/or his or her designee to provide all necessary assurances, certifications, and commitments in connection with the attached LA County Maintenance Service Agreements, including executing a maintenance agreement and any amendments thereto.
3. Authorizing the City Manager and/or his or her designee to act on behalf of the City in fulfilling the City's obligations under the LA County Flood Control Trash Excluder and Use and Maintenance Agreements, including certifying regulatory compliance activities.



Staff Recommendations – Part 3 of 3

D. Adopt Resolution No. 24-0016:

1. Approving a Maintenance Service Agreement with Los Angeles County Flood Control District (LACFCD) for the maintenance of Hydrodynamic Separators;
2. Authorizing the City Manager and/or his or her designee to provide all necessary assurances, certifications, and commitments in connection with the attached LA County Maintenance Service Agreements, including executing a maintenance agreement and any amendments thereto.
3. Authorizing the City Manager and/or his or her designee to act on behalf of the City in fulfilling the City's obligations under the LA County Flood Control Trash Excluder and Use and Maintenance Agreements, including certifying regulatory compliance activities.

E. Determine that pursuant to CEQA, the project is categorically exempt pursuant to State CEQA Guidelines Section 15301(c).



