The State Department of Land and Natural Resources (DLNR) proposes to commence dredging operations and wall repair in August/September 2019. This project involves dredging of the Ala Wai Canal to remove accumulated silt and sediments, and repairing two sections of walls along the canal.

The dredging depths varies between -12.0’ and -6.0’ mean lower low water, and the estimated total volume of dredging work and material is 186,000 cubic yards. This dredged material is suitable of ocean disposal at an EPA South Oahu Ocean Dredged Material Disposal Site. The walls being repaired include the Mauka side fronting the Ala Wai Community Park and between the Kalakaua Avenue and McCully Street bridges.

The work hours and impacts are expected to be same as the last time DLNR dredged the canal back in 2002. The work hours are from 7 am-10 pm Monday-Saturday, and 9 am-10 pm Sundays and Holidays. There will be temporary construction impacts including constraints to water recreation, sporadic walkway closures, and minor noise. The overall duration of the project is expected to be approximately one year.

The long-term benefits of this project include maintaining the ability of the canal to efficiently convey storm water flows to the ocean to reduce the risk of flooding, and improving the aesthetics and use of the canal for recreational users.

Project information including plans and tentative schedule can be found on DLNR Engineering Division website, [http://dlrrenghawaii.gov/projects/ala-wai-canal-dredging/](http://dlrrenghawaii.gov/projects/ala-wai-canal-dredging/)

**Contractor:**
Hawaii Harbors Constructors JV

**Contact information during construction:**
Dickey Lee  
Engineering Division  
Department of Land and Natural Resources  
1151 Punchbowl Street, Room 221  
Honolulu, Hawaii 96813  
Phone: 808-587-0280  
e-mail: dlnr.engl@hawaii.gov
Dredge Area 1 – Ala Moana Blvd Bridge - Kalakaua Av. Bridge
Duration: 10-15 days

Dredge Area 2 – Kalakaua Av Bridge – McCully Bridge
Duration: 10-15 days

Dredge Area 3 – McCully Bridge – HECO Easement
Duration: 55-65 days

Dredge Area 4 – HECO Easement – Ainakea Way
Duration: 50-65 days

Dredge Area 5 – Manoa Palolo Drainage Canal
Duration: 15-20 days
Closure of Walkway

Wall Repairs in between McCully and Kalakaua Bridge

Closure of Walkway
HAWAII HARBORS CONSTRUCTORS JV

ALA WAI CANAL DREDGING AND IMPROVEMENTS
DREDGING LIMIT MAP

APPROX. 186,000 CUBIC YARDS
ALA WAI CANAL DREDGING AND IMPROVEMENTS

DREDGING OPERATION
MAJOR EQUIPMENT:

- HT 538 CRANE BARGE
- WEEKS 260 2,000 CY DUMP SCOW
- CAT 375 EXCAVATOR WITH CLAMSHELL BUCKET
- WEEKS 403 TUG CAROLYN
- WEEKS 429 TUG ROBERTA G
- WEEKS 453 PUSH BOAT DON CARLOS
CAT 375 - EXCAVATOR WITH CLAMSHELL BUCKET

Engine Model: Cat 3406C Turbocharged ATAAC
Gross Power: 426hp
Fuel Capacity: 291 gallons
Operating Weight: 173,100 LBS
Width of Outside Tracks: 11.5 ft
Height, Top of Cab: 12.0 ft
Ground Clearance: 3.0 ft
Tail Swing Radius: 13.8 ft radius
Length of Track on Ground: 15.1 ft
Robert G - Member AWO RESPONSIBLE CARRIER PROGRAM

Year Built: 1969
Length: 46.7' 
Beam: 15.4' 
Vertical Clearance: 23.5'
Max Draft: 6.5'
Height of Eye: Pilothouse - 9’ Flying Bridge- 17”
Main Propulsion: 2 (2 ea.) John Deere 6081 AFM75; 300 HP ea.
Reduction Gears: Twin Disc MG5091
Propellers: 2 - 50” diam x 38”
Max Speed: 9.5 Knots
Cruising Speed: 8.0 Knots
Fuel Capacity: 2500gal
Potable Water Capacity: 100gal
Lube Oil Capacity: 130gal
Electronics: 1 Furuno Radar, 3 VHFs, 1 GPS, 1 Cellular phone
Towing Winch: N/A
Boilad Pull: N/A
Tonnage: 28 GRT
Call Letters: WDF 7744
Official Number: 523460
Bertth: 1

Don Carlos - Member AWO RESPONSIBLE CARRIER PROGRAM

Year Built: 1982
Length: 40.2’
Beam: 20.1’
Vertical Clearance: 21.6’
Max Draft: 4.25’
Height of Eye: Pilothouse - 8.5’ Flying Bridge- 20.6’
Main Propulsion: Twin CAT 3208; 500HP combined
Reduction Gears: 2 - 36” x 34
Propellers: 8.5 Knots
Max Speed: 6.5 Knots
Cruising Speed: 9.8 Knots
Fuel Capacity: 536gall
Potable Water Capacity: N/A
Lube Oil Capacity: 1 VHF
Electronics: 1 Cellular phone
Towing Winch: N/A
Boilad Pull: N/A
Tonnage: 22 GRT
Call Letters: WCT8969
Official Number: 649382
Bertth: 0

Rev 9/10/13
Rev 9/11/09
Reroute Sections of the Walk Way Inside of the the Community Park

Temporary Fence

* OPENING IN CHAIN LINK FENCE

DOCK

SECTION A1

150' (TYPICAL)

BASEBALL FIELD

CHAIN LINK FENCE

TEMPORARY WALKWAY

ASPHALT CONCRETE WALKWAY

EXISTING WALL

SECTION A2

SECTION A3

SECTION A4

SECTION A5

SOFTBALL FIELD

CANAL

PLAN VIEW

ALA WAI CANAL DREDGING AND IMPROVEMENTS
RETAINING WALL A, WALKWAY RELOCATION PLAN
PLAN VIEW

DATE: MARCH 11, 2019
PROJECT: ALA WAI
DRAWN BY: SKY MIYAMOTO
FILE: WALKWAY RELOCATION OVERALL III