

PROJECT FACT SHEET

1. Project Name: Dowsett Highlands Relief Sewer
DDC Serial No.: 10-0212

2. Project Background:

The Project combines two projects from the 2010 Consent Decree (CD), both in the Nuuanu area, Dowsett Highlands Relief Sewer (SI-CS-42) and Nuuanu Relief Sewer (SI-CS-29). These projects were included in CD paragraph 18.F. The City's 18.F report, December 2014, recommended both projects should be required and should complete construction by June 30, 2020. EPA approved the 18.F report by their letter of April 14, 2015. The project scope includes addressing hydraulic deficiencies in the sewers, with the specific solution and details to be developed during the planning and design phases.

Figures 20, attached, shows the Plan for the selected alternative, Alternative B.

3. Compliance Milestone Dates, enforceable pursuant to the Consent Decree:

- Design NTP: July 31, 2017
- Construction NTP: Dec. 31, 2018
- Construction Completion: June 30, 2020

4. Project Description:

- The main objective of the project is to develop hydraulic capacity improvements to alleviate flow surcharge conditions which may potentially cause sanitary sewer overflows (SSOs) during wet weather events.
- In lieu of upsizing in place, it was determined it is more feasible and cost effective to build a new gravity sewer. The new sewer will divert flows away from SI-CS-42 and SI-CS-29.
- Design and construction of 14,500 LF of 8" to 24" new gravity relief sewer.
- The alignment is along portions of Nuuanu Pali Dr, Pali Hwy, Nuuanu Ave, and Dowsett Ave, from MH 258805 to the intersection of Nuuanu Ave and School St.

5. Consultant: Fukunaga & Associates, Inc.

6. Contract No.: SC-DDC-1200092

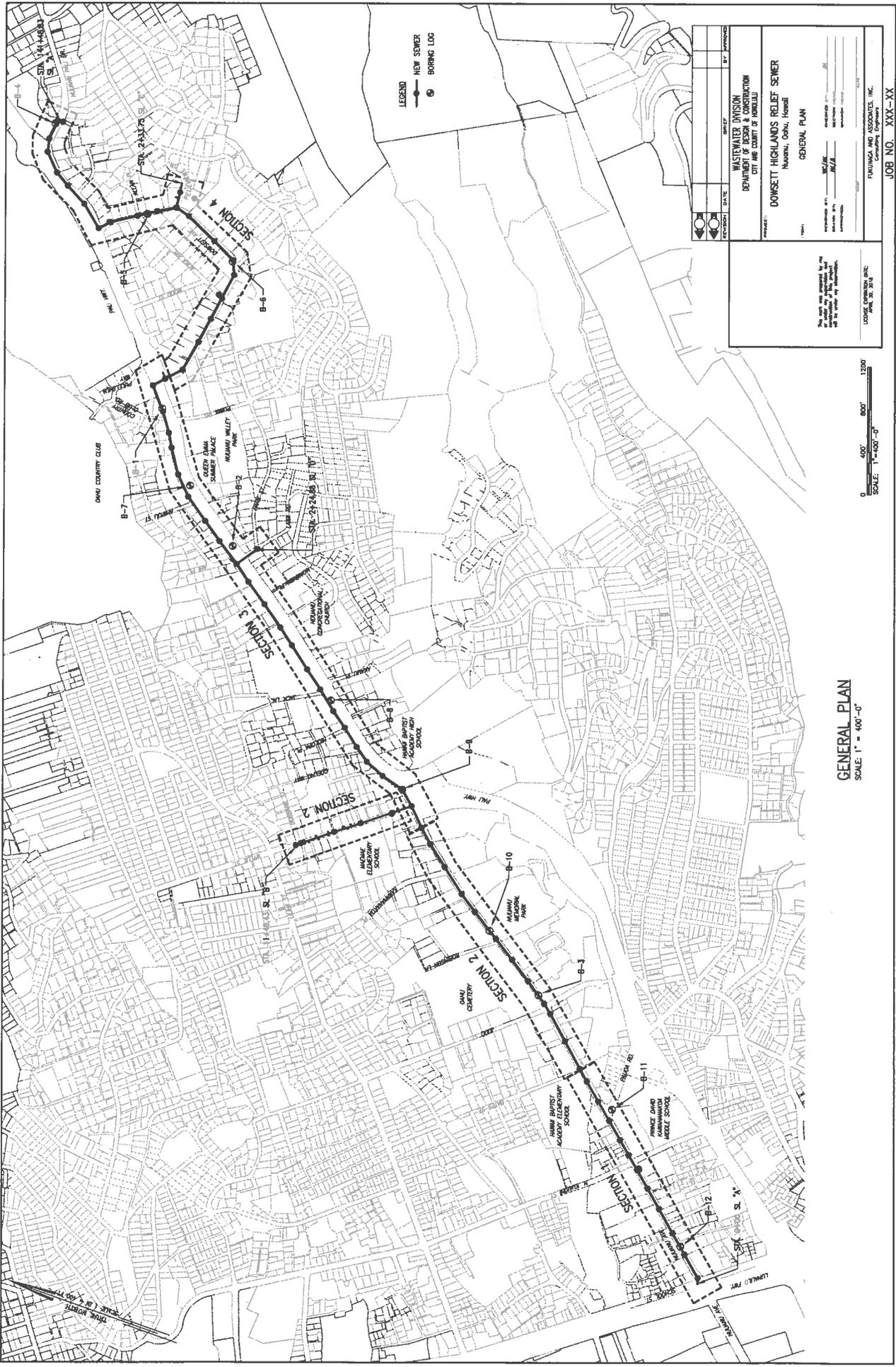
7. Schedule:

PROJECT PHASE	START DATE	FINISH DATE
Planning	5/9/12	12/28/2015
Design	9/1/2015	Nov, 2017
Bidding Ad/Open	Dec, 2017	Feb, 2018
Construction	Feb, 2018	6/30/2020

8. Status of project:

- May 2014 - Consultant submitted 60% DAR.
- December 2014 – Additional topo for Nuuanu Ave extended to School St and Dow St easement line added to scope.
- June 2015 - Consultant submitted Final DAR Update Letter Report
- June 2015 - Preferred alternative is a relief sewer partially in residential areas and partially in Pali Highway.

- June 2015 - Updated design connection to the existing system to be in Nuuanu Avenue. The line has been extended to pick up some parts of Kalihi-Nuuanu Area Sewer Rehab, 05-0284, and will extend down to School St.
- July 2015 - Amendment 2 has been signed and executed.
- July 2015 - YKE completing initial borings (10 total), while Fukunaga looks at alignment & utility crossings.
- July 2015 - Once YKE done w/ initial borings, Fukunaga to reconfirm alignment.
- July 2015 - Take alignment to DOT for sign-off (mid- October to mid- November)
- September 2015 - Amendment 2 NTP issued.
- September 2015 – 100% DAR Submitted for review



GENERAL PLAN
SCALE: 1" = 400'-0"

0 400' 800' 1200'
SCALE: 1" = 400'-0"

PROJECT NO.	DATE	BY	APPROVED BY
WATERVILLE DIVISION DEPARTMENT OF PUBLIC WORKS & CONSTRUCTION CITY AND COUNTY OF HAWAII			
DOWSETT HIGHLANDS RELIEF SEWER		GENERAL PLAN	
Nuuanu, Oahu, Hawaii		FURNACE AND ASSOCIATES, INC. Consulting Engineers	
JOB NO. XXX-XX			

DRAWING G-6 SHEET 6 OF 00