

DAVID Y. IGE
GOVERNOR OF HAWAII



VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

52-50 S106 ltr

March 11, 2016

Mr. Alan Downer, Administrator
Hawai'i State Historic Preservation Division
Department of Land and Natural Resources
Kakuhihewa Building
601 Kamokila Blvd., Suite 555
Kapolei, Hawaii 96707

Dear Mr. Downer:

Subject: Initiation of Consultation under Section 106 of the
National Historic Preservation Act (NHPA)
Waiehu Wastewater Pump Station (Waiehu WWPS)
Sewer Force Main (SFM) Replacement
Waiehu Ahupua'a, Wailuku District, Maui Island
CWSRF Project No. C150052-50

This letter is to initiate Section 106 of the NHPA consultation with the State Historic Preservation Division (SHPD) in accordance with 36 CFR Part 800. In 1990, the U.S. Environmental Protection Agency (EPA) designated the Hawaii State Department of Health (DOH) to act on EPA's behalf, pursuant to 36 CFR §800.2 (c) (4), when initiating Section 106 the NHPA process in connection with projects funded under the Hawaii Clean Water State Revolving Fund (CWSRF).

The DOH is providing funding under the CWSRF to the County of Maui, Department of Environmental Management for Waiehu WWPS-SFM Replacement. The proposed project will utilize federal funding and is considered an undertaking, as defined by Section 106 of the NHPA, 54 U.S.C. §306101 et seq., and 36 CFR Part 800.

Undertaking Description, Area of Potential Effects, and Early Consultation

Project Site Location

The project begins at the Waiehu WWPS, which is located on Akake Street in the

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Oceanview Estates (aka Leisure Estates) neighborhood, just mauka of Waiehu Beach Park. The pipe alignment follows Akake Street then turns south and follows Lower Waiehu Beach Road for approximately 1,900 feet, terminating at an existing tie-in point in the roadway near the intersection of Lower Waiehu Beach Road and Pakele Place (see enclosed "Project Location Map" and "General Site Plan").

Existing SFM and Reason for Replacement

The existing SFM consists of a buried 6-inch diameter pipe that conveys wastewater from the Waiehu WWPS and discharges into a gravity system sewer manhole in the Waiehu Heights Subdivision, mauka of Waiehu Beach Road. In the interest of constructability, the SFM will be replaced over the course of two separate projects (NOTE: the other project is also scheduled for construction in 2016 but is not subject to consultation under NHPA Section 106). The need to replace the existing SFM in Waiehu arose from a 2005 corrosion study of County-owned force mains, which identified a portion of the SFM as approaching the end of its useful life. The Maui County Wastewater Reclamation Division has implemented a proactive SFM replacement program to reduce SFM failures and resultant wastewater spills into the ocean or into waterways feeding to the ocean, thus avoiding potential EPA fines and other penalties as stipulated in the 1999 Consent Decree with the County.

Replacement SFM

The new SFM will be a buried 6-inch, PVC plastic pipe, to be routed as described above and in the attached site plan. The new SFM will be constructed via open-trench excavation, with a trench width of approximately 4 feet, and varying depth below existing grade ranging from 4-7 feet. Total length of the installed pipe under this project will be approximately 1,952 linear feet. Upon project completion, the existing SFM will be flushed, disinfected, and abandoned in place.

Early Consultation with the SHPD

Early consultation for the proposed project was conducted with the Maui Island Archaeologist, on behalf of the County, by Erik Fredericksen of Xamanek Researches, LLC in February 2014. At the time, SHPD staff recommended that based on the previous discovery of human burials and other archaeological findings along with a lack of background information for the area of potential effects (APE), that an archaeological inventory survey (AIS) be completed and submitted to SHPD for review (Log No. 2013.6978, Doc No. 1402JP20).

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Upon subsequent submittal and review of the AIS in February 2015, SHPD recommended that, based on the number of previous findings of human remains in the immediate area, archaeological monitoring be conducted for the proposed SFM project, and an archaeological monitoring plan (AMP) be submitted to SHPD for review and approval prior to start of work. SHPD also recommended that an architectural preservation plan be submitted for the Waiehu Stream Culvert (SIHP 50-50-04-8016), which was built on or before 1929 and which the new SFM will cross. (Log No. 2015.00668, Doc No. 1502MD30). However, upon subsequent review of the project plans as well as submitted photos of the culvert, SHPD Architectural Branch determined that the preservation plan was no longer required (Log No. 2015.00668 (2), Doc No. 1506AB23).

An AMP was then completed and submitted to SHPD, and in September 2015, the Maui Island Archaeologist accepted the plan, with the condition that an archaeological monitor be present onsite during all construction activities (Log No. 2015.03275, Doc No. 1509MD10). The County, through its design services contract with Tanaka Engineers, Inc., is currently under contract with Xamanek Researches to perform the construction monitoring as required. Construction is expected to begin this summer.

It should be noted that this early consultation with SHPD was initiated under the purview of the Coastal Zone Management Act (HRS 205A).

Impacts to APE

Based on available information, the proposed action will not impose adverse visual, auditory, or other environmental impacts to any previously identified historic properties adjacent to the proposed realignment corridor. Accordingly, the APE for the proposed action extends no further than the approximate footprint of the proposed construction trench.

Public Involvement/Public Participation

Section 106 consultation letters were also sent to the other organizations or individuals indicated above that might attach significance to this area and invited them to participate in the process.

Based on the above information, the DOH has concluded that no sites of historical importance are expected to be affected by the project, and requests concurrence with

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the above described APE. Please inform us within 30 days if you concur with our proposed determination. If you do not reply within this 30 day review period, DOH will consider the lack of reply to be SHPD's agreement with DOH's determination.

We welcome any comments you should have on this project. Should you have any questions or need further information, please contact Ms. Sue Liu of our branch at (808) 586-4294 or by email at sue.liu@doh.hawaii.gov.

Sincerely,



SINA PRUDER, P.E., CHIEF
Wastewater Branch

SL:lmj

Enclosures: "project location map" and "general site plan"

c: Susan Lebo, PhD, State Historic Preservation Division, Archaeology Branch Chief
Morgan Davis, State Historic Preservation Division, Maui Lead Archaeologist
Hinano Rodrigues, JD, State Historic Preservation Division, Culture and History Branch Chief
Erik Fredericksen, Xamanek Researches LLC
Kirk Tanaka, PE, Tanaka Engineers, Inc.
Dan Shupack, Project Manager, Wastewater Reclamation Division, Department of Environmental Management

Waiehu WWPS Sewer Force Main Replacement - Project Location Map



Waiehu WWPS
(Akake St.)

Start

New 6" SFM

End

Lower Waiehu
Beach Rd.

Google earth

© 2016 Google

2010

IMAGED 05/17/2015 20°55'03.52" N 156°23'05.30" W Elev 22 ft - 579 ft 640 ft O



LICENSE EXPIRES: 04-30-18

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

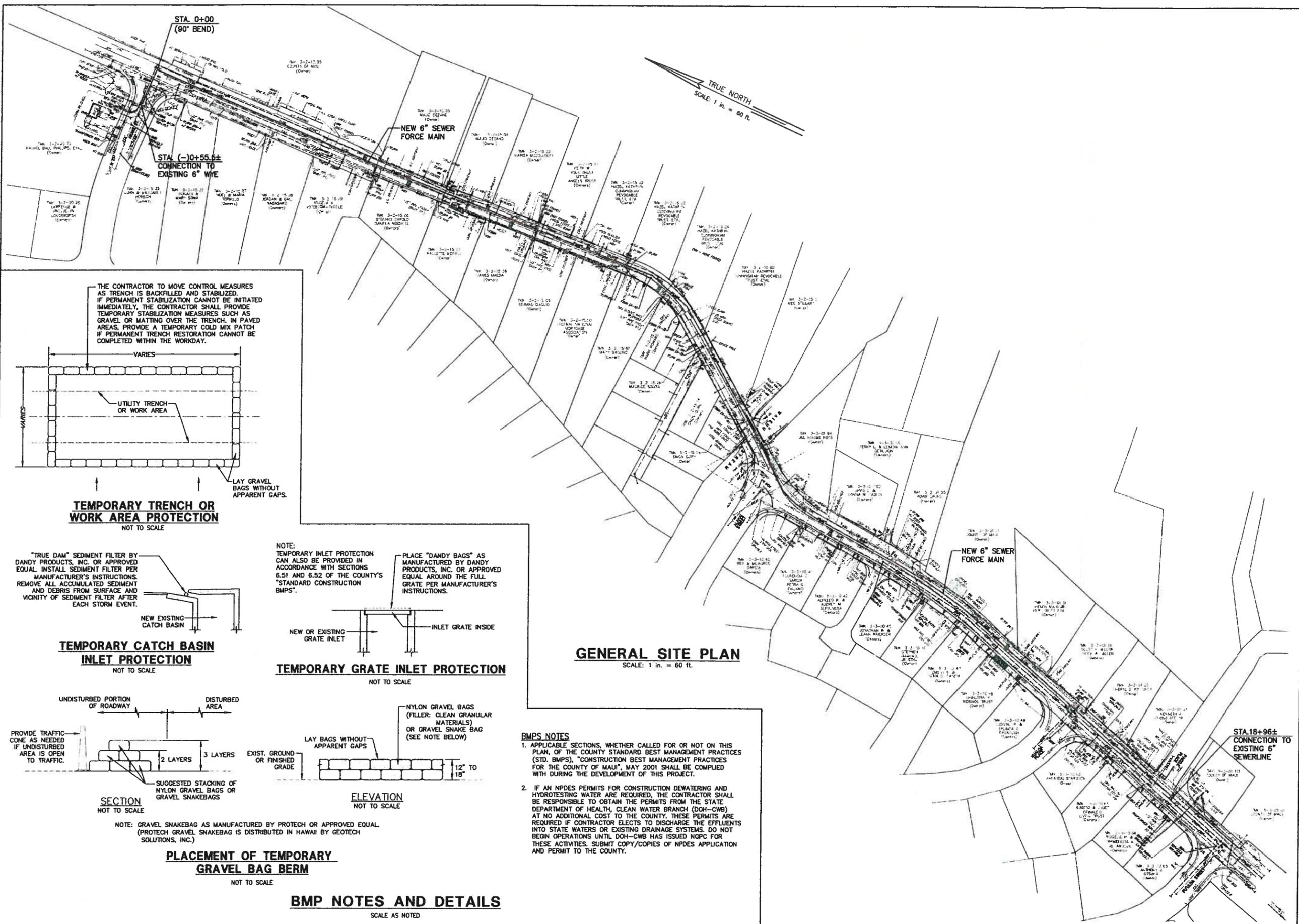
J. E. J. [Signature]

DATE: 01/30/15

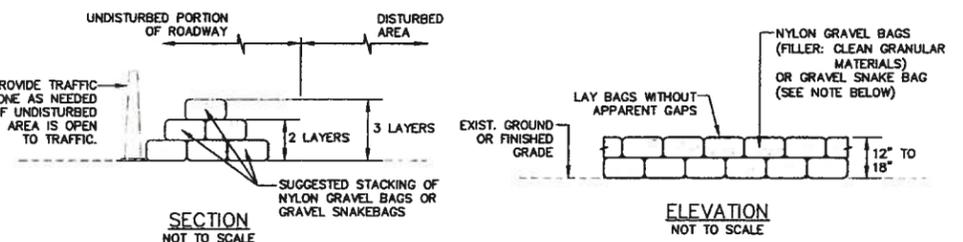
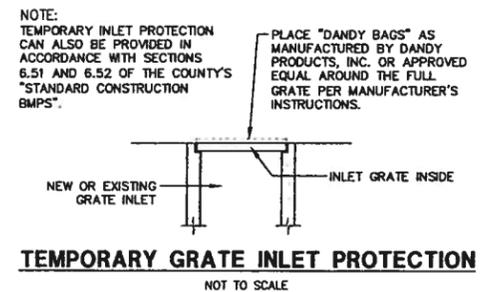
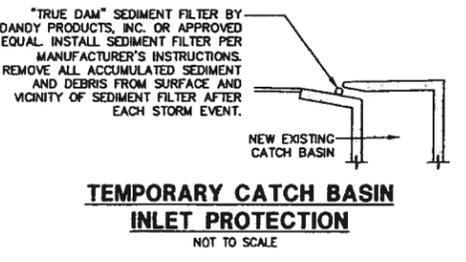
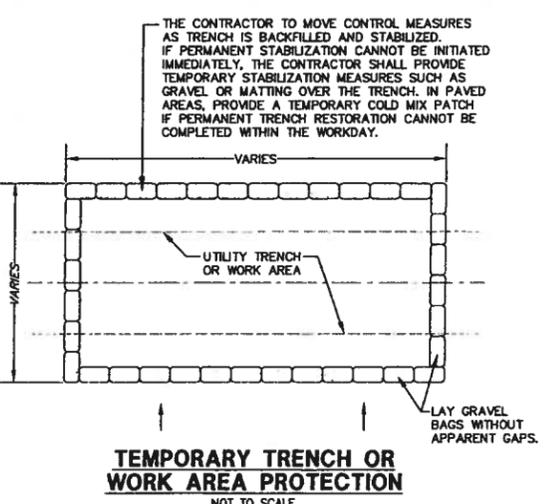
REVISIONS:

01/03/14	REVISIONS PER DSA AND DWS
03/11/14	REVISIONS PER WWRD

T.M.K.:	AS NOTED
SCALE:	AS NOTED
DESIGNED BY:	N.D.
CHECKED BY:	K.T.
DRAWN BY:	J.E./N.D.
DATE:	AUGUST 2013
JOB No.:	13-014



GENERAL SITE PLAN
SCALE: 1 in. = 60 ft.



NOTE: GRAVEL SNAKEBAG AS MANUFACTURED BY PROTECH OR APPROVED EQUAL. (PROTECH GRAVEL SNAKEBAG IS DISTRIBUTED IN HAWAII BY GEOTECH SOLUTIONS, INC.)

PLACEMENT OF TEMPORARY GRAVEL BAG BERM
NOT TO SCALE

- BMP'S NOTES**
1. APPLICABLE SECTIONS, WHETHER CALLED FOR OR NOT ON THIS PLAN, OF THE COUNTY STANDARD BEST MANAGEMENT PRACTICES (STD. BMP'S), "CONSTRUCTION BEST MANAGEMENT PRACTICES FOR THE COUNTY OF MAUI, MAY 2001 SHALL BE COMPLIED WITH DURING THE DEVELOPMENT OF THIS PROJECT.
 2. IF AN NPDES PERMITS FOR CONSTRUCTION DEWATERING AND HYDROTESTING WATER ARE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE PERMITS FROM THE STATE DEPARTMENT OF HEALTH, CLEAN WATER BRANCH (DOH-CWB) AT NO ADDITIONAL COST TO THE COUNTY. THESE PERMITS ARE REQUIRED IF CONTRACTOR ELECTS TO DISCHARGE THE EFFLUENTS INTO STATE WATERS OR EXISTING DRAINAGE SYSTEMS. DO NOT BEGIN OPERATIONS UNTIL DOH-CWB HAS ISSUED NGPC FOR THESE ACTIVITIES. SUBMIT COPY/COPIES OF NPDES APPLICATION AND PERMIT TO THE COUNTY.

BMP NOTES AND DETAILS
SCALE AS NOTED

(CEN PLAN) - F.B. JONES - 14. Revised: 08/14/14. MAUI WFPD CONSTRUCTION PLAN 24-000-0015. Revised: 07/14/14.