

# U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

STATE	PROJECT	SHEET NO.
HI	HI STP H1(1)	A1

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PLANS PREPARED BY  
MANHOLE DETAILS (M604-20)  
MANHOLE DETAILS (M604-20)  
MANHOLE DETAILS (M604-20)

R. M. TOWILL CORPORATION  
SINCE 1960  
FOR



U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION  
DENVER, COLORADO

DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII  
APPROVED  
8/18/16  
DATE

APPROVED:

DATE:

DIRECTOR, PROJECT DELIVERY  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

a.) AS-BUILT DRAWINGS  
b.) KIEWIT INFRASTRUCTURE WEST CO.  
c.) GABRIELLE OTERSH

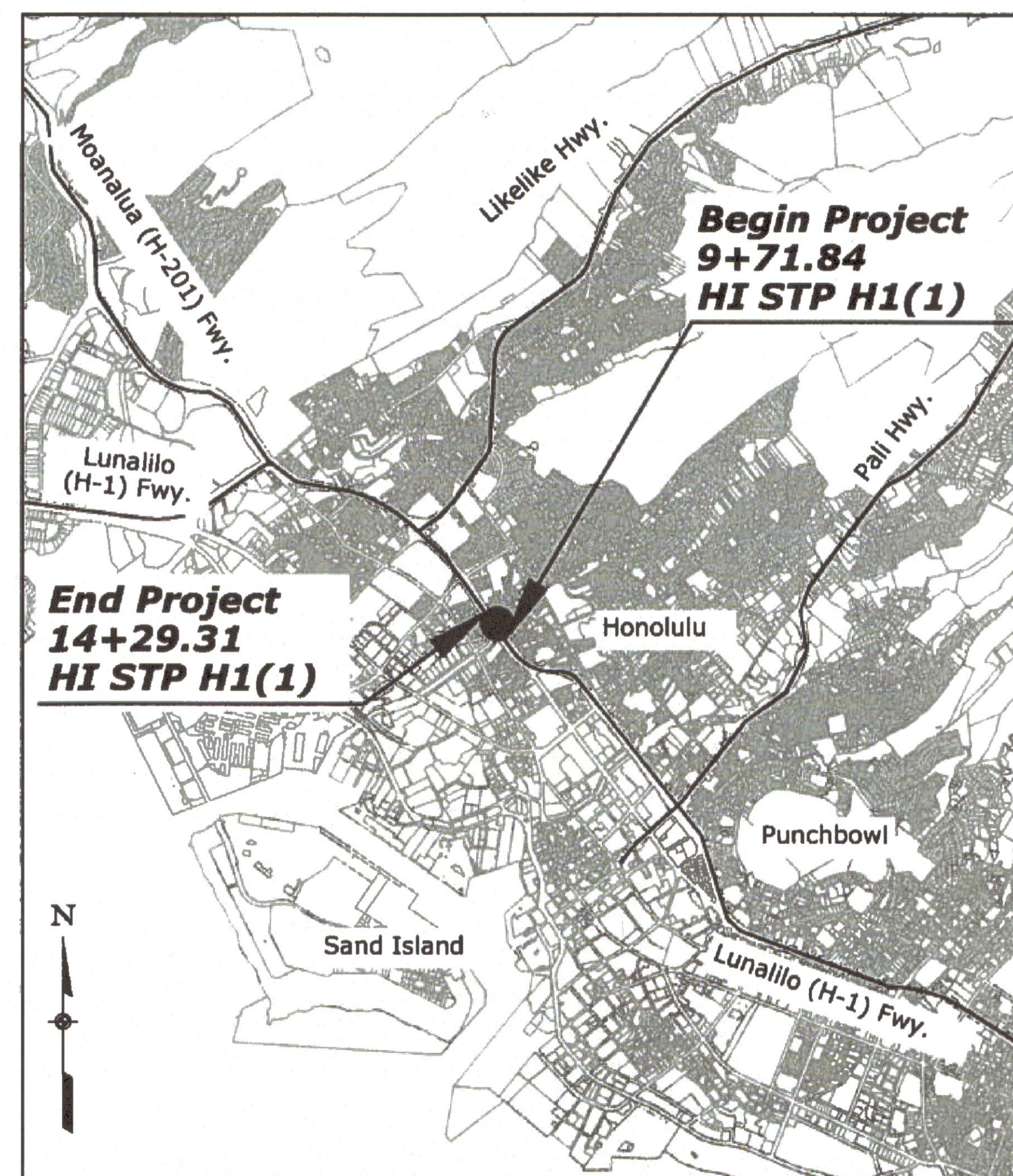
d.) 9/30/2017  
e.)  $\emptyset$   
f.) N/A  
h.) YES, SEE INDEX AT RIGHT.

i.) N/A  
j.) N/A  
k.) "WORK WAS CONSTRUCTED AS  
DESIGNED UNLESS OTHERWISE  
NOTED"  
l.) N/A

PLANS FOR PROPOSED  
HI STP H1(1)

## HALONA STREET BRIDGE

LUNALILO FREEWAY, ROUTE H1  
DISTRICT OF HONOLULU  
LENGTH 0.09 MILES



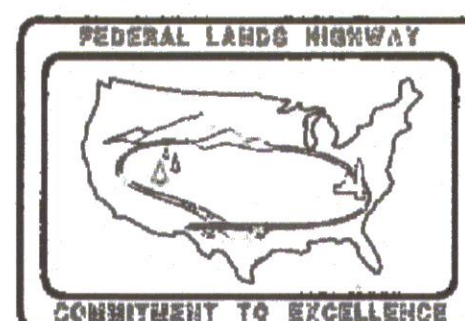
KEY MAP OF OAHU

TYPE OF CONSTRUCTION:  
Road reconstruction, Bridge reconstruction

DESIGN DESIGNATIONS:  
ADT (2015) ----- 3,900  
ADT (2036) ----- 5,900  
DHV ----- 450  
D ----- 100%  
T ----- 3%  
V ----- 40 mph  
e(max) ----- 6.00%

U.S. CUSTOMARY DIMENSIONS:  
Slopes are expressed as RISE:RUN

SPECIFICATIONS:  
"STANDARD SPECIFICATIONS FOR  
CONSTRUCTION OF ROADS AND  
BRIDGES ON FEDERAL HIGHWAY  
PROJECTS, FP-14, U.S. CUSTOMARY  
UNITS"



EXPIRATION DATE 04/30/2018

Michael H. Okamoto

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

PROJECT MANAGER	LEAD DESIGNER
J. MICHAEL WILL	R. M. TOWILL

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