

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360A-02-10	2012	4	14

LEGEND:

	Existing Electrical Line		Adjusted Storm Drain MH Frame/Cover
	New Electrical Line		Existing Water Backflow Preventer
	Existing Joint Pole		Existing Sewer Line
	Existing Power Pole		New 12" Sewer Line
	Existing Electric Manhole		Existing Sewer Manhole
	Adjusted Elec. MH Frame/Cover		Adjusted Sewer MH Frame/Cover
	New Electric Manhole		New Sewer Manhole
	Existing Telephone Line		Existing 6" Gas Line
	New Telephone Line		New 6" Gas Line
	Existing Telephone Pole		Existing Gas Valve Box
	Existing Telephone Manhole		Adjusted Gas Valve Box
	Existing Telephone Pullbox		New Gas Valve Box
	Adjusted Tele. MH Frame/Cover		Existing Gas Manhole
	New Telephone Manhole		Adjusted Gas MH Frame/Cover
	Existing Signal Corps Line		New Gas Manhole
	New Signal Corps Line		Existing Monument
	Existing TV Cable		Adjusted Monument
	New TV Cable		New Monument
	Existing 12" Water Line		Existing 24" Drain Line
	New 12" Water Line		New 24" RCP Drain Line
	Existing Water Manhole		Existing Storm Drain Manhole
	Adjusted Water MH Frame/Cover		Adjusted Storm Drain MH Frame/Cover
	New Water Manhole		New Storm Drain Manhole
	Existing Water Air Valve		Existing Grated Drop Inlet
	Adjusted Water Air Valve		Existing Catch Basin
	New Water Air Valve		Existing Traffic Sign With 1 Post
	Existing Water Valve Box		New Traffic Sign With 1 Post
	Adjusted Water Valve Box		Existing Traffic Sign With 2 Posts
	New Water Valve Box		New Traffic Sign With 2 Posts
	Existing Water Meter		Existing Traffic Sign With 3 Posts
	Adjusted Water Meter		New Traffic Sign With 3 Posts
	New Water Meter		Existing Highway Lighting Standard
	Existing Fire Hydrant		Existing Single Metal Guardrail
	New Fire Hydrant		New Single Metal Guardrail

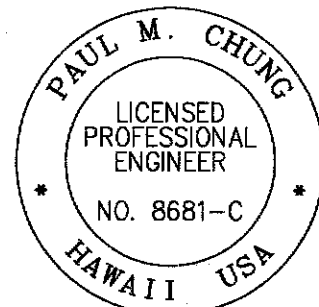
	Existing Double Metal Guardrail
	New Double Metal Guardrail
	Existing Fence
	New Fence
	Existing Traffic Signal Box
	Existing Traffic Signal Pole
	Existing Street Lamp Pullbox

ABBREVIATION LIST:

AC/A.C.	Asphalt Concrete
Ac	Acre
ACB	Asphalt Concrete Base
Approx.	Approximately
B	Baseline
BMP	Best Management Practices
Cu.	Cubic
Det.	Detail
D.O.T	Department Of Transportation
E.P./EP	Edge Of Pavement
E.S./ES	Edge of Shoulder
Elev.	Elevation
exist./ext'g	Existing
Ft.	Foot
fl	Flowline
Haw.	Hawaii
HMA	Hot Mix Asphalt
Horiz./H	Horizontal
HWY	Highway
Inv.	Invert
In.	Inch
Max	Maximum
Min	Minimum
MPH/M.P.H.	Miles Per Hour
No.	Number
N.T.S.	Not To Scale
NPDES	National Pollutant Discharge Elimination System
O.C.	On Center
Rt.	Right
r.o.w./ROW	Right Of Way
Sht.	Sheet
Sta.	Station
T	Thickness
Vert./V	Vertical
WV	Water Valve
Yd.	Yard

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

W:\CIVIL 3D PROJECTS\2006_173_001 SOH HANA HWY DRAINAGE IMPROVEMENTS\AS-BUILT DRAWINGS\04 LEGEND AND ABBREVIATIONS.DWG 5/17/2012 4:13 PM



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

SIGNATURE

04/30/12

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND AND ABBREVIATIONS

HANA HIGHWAY DRAINAGE IMPROVEMENTS

Vicinity of Hoolawa Bridge

Project No. 360A-02-10

Scale:

Date: May 10, 2012

SHEET No. 1 OF 1 SHEETS