

LEGEND

	AC Pavement Demolition		Existing Fire Hydrant
— ° —	Existing Electrical Line	— s12 —	Existing Sewer Line
○ jp	Existing Joint Pole	○ smh	Existing Sewer Manhole
○ pp	Existing Power Pole	— g6 —	Existing 6" Gas Line
○ gp	Existing Guy Pole	○ gv	Existing Gas Valve Box
⊠ lp	Existing Light Pole	○ gmh	Existing Gas Manhole
○ emh	Existing Electrical Manhole	⊙ mon.	Existing Monument
□ slb	Existing Street Light Box	— d24 —	Existing 24" Drain Line
— sc —	Existing Signal Corps Line	○ sdmh	Existing Storm Drain Manhole
		⊠ gdi	Existing Grated Drop Inlet
○ tp	Existing Telephone Pole	⊠ cb	Existing Catch Basin
○ tmh	Existing Telephone Manhole	⊠	Existing Traffic Sign
□ tsb	Existing Traffic Signal Box	⊙	Existing Highway Lighting Standard
⊠ tl	Existing Traffic Light	util box □	Existing Utility Box
— t —	Existing Telephone Line	— □ □ □ —	Existing Guardrail
— tv —	Existing TV Cable	— ○ ○ ○ —	Existing Chain link Fence
— w12 —	Existing 12" Water Line		
○ wmh	Existing Water Manhole		
○ av	Existing Water Air Valve		
○ wv	Existing Water Valve Box		
□ wm	Existing Water Meter		

ABBREVIATIONS

A.C.	Asphaltic Concrete	Inv.	Invert	Typ.	Typical
approx.	approximate	L _c	Length of Curve	VC	Vertical Curve
⌀	Baseline	LF	Linear Feet	∅	Diameter
B.V.C.	Begin Vertical Curve	Lt.	Left	Δ	Delta
C	Length of Chord	Max.	Maximum	½	Half Delta
⌀	Centerline	Min.	Minimum		
CB	Catch Basin	O.C.	on center		
Clr.	Clearance	O/S	Offset		
Conc.	Concrete	OR&L	Oahu Railway & Land		
Conn.	Connection	Pavt.	Pavement		
C.Y.	Cubic Yards	PC	Point of Curvature		
D6	6" Drainline	PCC	Portland Cement Concrete		
D24	24" Drainline	P.I.	Point of Intersection		
D36	36" Drainline	P.I.V.C.	Point of Intersection Vertical Curve		
Dim.	Dimension	ℙ	Property Line		
Det.	Details	P.T.	Point of Tangent		
DI	Drain Inlet	R	Radius		
Dia.	Diameter	R/W	Rlght-of-Way		
DL	Drainline	RC	Reinforced Concrete		
DMH	Storm Drain Manhole	RCP	Reinforced Concrete Pipe		
Dwgs.	Drawings	Rd.	Road		
E/P	Edge of Pavement	Rt.	Right		
e/ℙ	existing property line	r.r.	Railroad		
E/S	Edge of Shoulder	Shldr.	Shoulder		
ex.	existing	Sht.	Sheet		
exist.	existing	Shts.	Sheets		
E.V.C.	End Vertical Curve	sq. ft.	square feet		
Fin. Grd.	Finish Grade	Sta.	Station		
FT	Feet	Struct.	Structural		
Galv.	Galvanized	T	Tangent		
GRP	Grouted Rubble Paving	Temp.	Temporary		
HGL	Hydraulic Grade Line	Thk.	Thick		
Hwy.	Highway	TMK	Tax Map Key		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-BW-0300(8)	2019	13	171

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND AND ABBREVIATIONS

LEEWARD BIKEWAY
Philippine Sea Rd. to Waipahu Depot Street
Fed. Aid Proj. No. STP-BW-0300(8)

Date: July 1, 2019

SHEET No.C0.12 OF 14 SHEETS