

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-01-23M	2023	12	26

ABBREVIATIONS:

ABAND.	Abandoned
A.C.	Asphalt Concrete
A/C	Air Conditioning
APPROX.	Approximate
ARV	Air Release Valve
AV. GAS	Aviation Gasoline
BFP	Back Flow Preventer
Ⓔ	Baseline
BMP	Best Management Practices
BOT.	Bottom
BC	Bottom Curb
BW	Bottom Wall
CATV	Cable Television
C.B.	Catch Basin
C.L.	Chain Link
C	Chord
CMU	Concrete Masonry Unit
C.O.	Clean Out
COL.	Column
COMM.	Communication
CONC.	Concrete
CRM	Concrete Rubble Masonry
D	Diameter Or Drain
D.I.	Drain Inlet
D.S.	Down Spout
DWY.	Driveway
E/ELEC.	Electric
ELEV./EL.	Elevation
F	Fuel
F.A. BOX	Fire Alarm Box
F.H.	Fire Hydrant
FM	Force Main
G	Gas
GAS	Gasoline
G.I.	Grated Inlet
GMH	Gas Manhole
GND.	Ground
G.P.	Guard Post/guy Pole/gate Post
G.W.	Guy Wire
GV	Gas Valve
H	Height
H.B.	Hose Bib
HECo.	Hawaiian Electric Company
HECo. BOX	Hawaiian Electric Company Box
HECo. MH	Hawaiian Electric Company Manhole
HH	Hand Hole
HTCo.	Hawaiian Telephone Company
HTCo. BOX	Hawaiian Telephone Company Box
HTCo. MH	Hawaiian Telephone Company Manhole

ICV	Irrigation Control Valve
INV.	Invert
JTS	Joint Trunking System
K	Kerosine
L.P.	Lamp Pole
Lc	Length of Curve
MH	Manhole
MTCO. MH	Mutual Telephone Company Manhole
O/H	Overhead
PAV'T.	Pavement
P.M.	Parking Meter
P.C.	Point of Curvature
P.I.	Point of Intersection
P.T.	Point of Tangency
P.P.	Power Pole
PSL	Pedestrian Signal Light
R	Radius
R/W	Right-of-Way
S	Sewer Or Spread
Sht.	Sheet
SC	Signal Corps
SCMH	Signal Corps Manhole
SDMH	Storm Drain Manhole
S.L.	Street Light
SLB	Street Light Box
SMH	Sewer Manhole
SOLV.	Solvent
SPR.	Sprinkler
ST. NAME	Street Name
STA.	Station
T	Tangent
TC	Top Curb
TDC	Top Drop Curb
TP	Top Pipe
TRC	Top Rolled Curb
TS	Top Stem
TSL	Traffic Signal Light
TSLB	Traffic Signal Light Box
TV	Top Valve
TW	Top Wall
U.P.	Utility Pole
U.P./S.L.	Utility Pole W/street Light
W	Water
WM	Water Meter
WMH	Water Manhole
WV	Water Valve Box
X-WALK	Cross Walk

LEGEND:

⊖	At&t Mh	⊗	Signal Corps Mh
≡	At&t Box	↓	Sign
⚡	Back Flow Preventer	⚡	Street Light
⊞	Catv Box	⊞	Street Light Box
⊙	C.b./mh Or Sdmh	Ⓔ	Sprinkler
⊙	Clean Out	□	Traffic Sensor
⊞	Column	⊗	Traffic Signal Light
⊞	Comm. Box	⊗	Traffic/pedestrian Signal Light
⊞	Drain Inlet	⊞	Traffic Signal Light Box
⚡	Dry Stand Pipe	⚡	Utility Pole W/street Light
⊞	Elec. Box Or Heco. Box	⊞	U.s. Postal Mailbox
⊞	Elec. Mh Or Heco. Mh	⊗	Water Mh
⊞	Fire Alarm Box	⊞	Water Meter
⚡	Fire Hydrant	⊗	Water Valve
⊙	Gas Mh		
⊙	Gas Valve		
⚡	Guard Rail		
⚡	Guy Wire		
⚡	Hose Bib		
⊞	Htco. Box		
⊞	Htco. Mh		
⊞	Icv Box		
⊞	Icv		
⚡	Lamp Pole		
⊞	Residential Mailbox		
⊙	Mtco. Mh		
⊗	Pedestrian Signal Light		
⊙	Sewer Mh		

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

RANDALL M. URAKAMI

LICENSED PROFESSIONAL ENGINEER

No. 7266-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

R. M. URAKAMI

SIGNATURE

04/30/24

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

LEGEND AND ABBREVIATIONS

FARRINGTON HIGHWAY

Ulehawa Stream Bridge Repairs

Project. No. 93A-01-23M

Scale: None

Date: Mar. 2023

SHEET No. N-11 OF 11 SHEETS

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