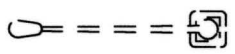
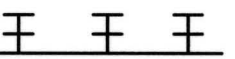
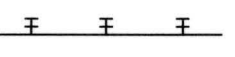
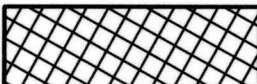
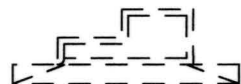
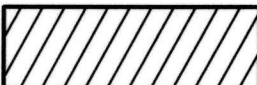


LEGEND:

---E---	Existing Electrical Line		Existing Highway Lighting Standard
oU.P.	Existing Utility Pole	-----	Existing Edge of Shoulder
	Existing Electric Manhole	-----	Existing Edge of Pavement
---TEL---	Existing Telephone Line	-----	New Edge of Shoulder
	Existing Telephone Manhole	-----	New Edge of Pavement
---SC---	Existing Signal Corps Line	---70---	Existing Major Contour
---CATV---	Existing Cable TV Line	---69---	Existing Minor Contour
---W12---	Existing 12" Water Line	---74---	New Contour
	Existing Water Manhole	---x-x---	Existing Chain Link Fence
	Existing Water Valve Box		New Guardrail
	Existing Water Meter		Existing Guardrail
---F.H.---	Existing Fire Hydrant	---c-c---	Denotes No Access Permitted and Right of Way
---S12---	Existing 12" Sewer Line	---p-p---	Denotes Access Permitted and Right of Way
	Existing Sewer Manhole	-----	Denotes New Right of Way
---G6---	Existing 6" Gas Line	---f-f---	Remove and Dispose Abandoned Utility
ABN. FUEL 8(NAVY)	Existing Navy Fuel Line (Abandoned)		New Type C SDMH
	Existing Monument		Existing Butterfly Valve
---D24---	Existing 24" Drain Line		Existing Air Relief Valve / Vacuum Relief Valve
	Existing Storm Drain Manhole		Refers to Curve Data on General Plan
	Existing Drain Inlet		Reconstruction Areas
	Existing Catch Basin		Demolition Areas
---TS---	Existing Traffic Signal		
---SL---	Existing Street Light		
---IRR2 1/2---	Existing 2 1/2" Irrigation Line		

ABBREVIATIONS:

A.C./AC	Asphalt Concrete	HWY	Highway	T	Tangent
A/C	Air Conditioning	ICV	Irrigation Control Valve	TC	Top Curb
A.I.P.	Abandon In Place	INV.	Invert	TDC	Top Drop Curb
APPROX.	Approximate	JTS	Joint Trunking System	T/TEL.	Telephone
ARV	Air Relief Valve	Lc	Length of Curve	TP	Top Pipe
#	Baseline	L.P.	Lamp Pole	TRC	Top Rolled Curb
BC	Bottom Curb	M.B.	Mail Box	TS	Top Stem
BFP	Back Flow Preventer	MH	Manhole	TSL	Traffic Signal Light
BOT.	Bottom	M.L.	Matchline	TSLB	Traffic Signal Light Box
BW	Bottom Wall	MAX	Maximum	TSPB	Traffic Signal Pull Box
C	Chord	Min.	Minimum	TV	Top Valve
CATV	Cable Television	NTS	Not to Scale	TW	Top Wall
C.B.	Catch Basin	O/H	Overhead	TYP.	Typical
C.L.	Chain Link	o.c.	on center	U.P.	Utility Pole
CMP	Corrugated Metal Pipe	PAV'T.	Pavement	U.P./S.L.	Utility Pole w/ Street Light
CMU	Concrete Masonry Unit	P.C.	Point of Curvature	W	Water
C.O.	Clean Out	P.M.	Parking Meter	WM	Water Meter
COL.	Column	P.P.	Power Pole	WMH	Water Manhole
COMM.	Communication	P.R.C.	Point of Reverse Curvature	WV	Water Valve Box
CONC.	Concrete	P.T.	Point of Tangency	X-WALK	Cross Walk
CRM	Concrete Rubble Masonry	PSL	Pedestrian Signal Light	℄	Centerline
CTG	Connection to Grated Drain Inlet	R	Radius		
CY	Cubic Yard	R/W	Right of Way		
D	Diameter or Drain	REF.	Reflector		
Det./Dtl.	Detail	RM	Reflective Marker		
D.I.	Drain Inlet	S	Sewer or Spread or Slope		
D.S.	Down Spout	SC	Signal Corps		
DSP	Dry Stand Pipe	SCMH	Signal Corps Manhole		
DWY.	Driveway	SDMH	Storm Drain Manhole		
E/ELEC.	Electric	SF	Square Foot		
ELEV./EL	Elevation	SHT	Sheet		
ep	Existing Edge of Pavement	shldr.	shoulder		
EP	Edge of Pavement	std.	Standard		
es	Existing Edge of Shoulder	S.L.	Street Light		
ES	Edge of Shoulder	SLB	Street Light Box		
EMB	embankment	SMH	Sewer Manhole		
EXC.	Excavation	SPR.	Sprinkler		
F.A.	Fire Alarm	ST. NAME	Street Name		
F.H.	Fire Hydrant	STA.	Station		
FL	Flow Line				
FM	Force Main				
FND	Found				
G	Gas				
GDI	Grate Drain Inlet				
G.I.	Grated Inlet				
GMH	Gas Manhole				
GND.	Ground				
G.P.	Guard Post/Guy Pole/Gate Post				
GV	Gas Valve				
G.W.	Guy Wire				
H	Height				
H.B.	Hose Bib				

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-031-K012	2013	17	54

DATE	DATE
DESIGNED BY	DESIGNED BY
CHECKED BY	CHECKED BY
NOTED BY	NOTED BY
DATE	DATE

T:\16392A-TRAFFIC OPERATION IMPROVEMENTS-MAUI\CADD\SHEETS\legend.dgn



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *Dexter S. Eui* EXPIRATION DATE: 04/30/14 OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND & ABBREVIATIONS

PIILANI HIGHWAY
TRAFFIC OPERATION IMPROVEMENTS AT OHUKAI ROAD
FEDERAL AID PROJECT NO. CMAQ-031-K012

Scale: NONE Date: March 2013

SHEET No. G-16 OF 16 SHEETS