

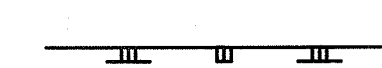
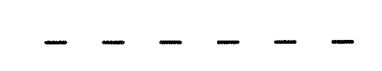


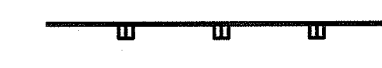







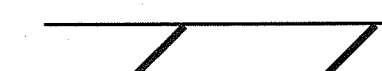
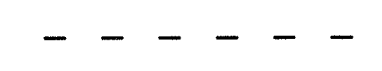


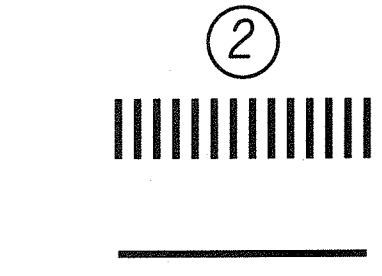


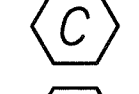
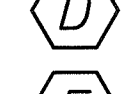

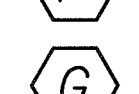
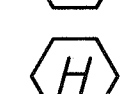
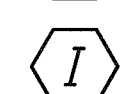

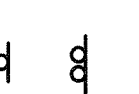
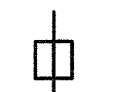



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-031-1012)	2013	ADD.32	54


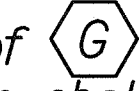

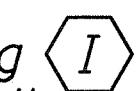
**PAVEMENT MARKING LEGEND:**

-  (A) 4" White Stripe with Type C Markers at 40' o.c.
-  (B) 4-Type A Markers and Type C Markers at 40' o.c.
-  (C) 4" White Stripe with 4-Type A Markers at 40' o.c. and Type C Markers at 20' o.c.
-  (D) 4" White Guide Line
-  (E) 4" White Stripe
-  (F) 8" White Stripe with Type C Markers at 20' o.c. (100 LF)
-  (G) 8" White Stripe with Type C Markers at 20' o.c.
-  (H) 12" Stop Bar
-  (I) 12" White Chevrons
-  (J) 12" Yellow Transverse Stripe
-  (K) 4" Double Yellow Stripe with Type D Markers at 20' o.c.
-  (L) 4" Double Yellow Stripe with Type H Markers at 20' o.c.
-  (M) Yield Line. The circled number indicates the number of lanes for payment.
-  (N) 12" Solid Yellow Transverse Stripe
-  (O) 12" White Channelizing Stripe
-  (P) 4" Yellow Guide Line
-  (Q) Pavement Arrow
-  (R) Pavement Word
-  (S) Crosswalk and stop line. All stop lines shall be 10'-0" from crosswalk unless otherwise noted. The circle number indicates the number of lanes for payment (Tape, Type III or Thermoplastic Extrusion)

**SIGNING LEGEND:**

-  (A) Existing sign(s) to remain
-  (B) Relocate existing sign(s) on new post(s)
-  (C) Relocate existing sign(s) on new TSL pole
-  (D) Remove existing sign(s) and post(s)
-  (E) New sign & post(s)
-  (F) New sign(s) on TSL pole
-  (G) Relocate existing reflector post 2' from edge stripe
-  (H) Remove and salvage existing Sign on TSL pole
-  (I) New RM-2 on post @ 35' o.c. behind guardrail.
-  New or Relocated Sign (Single & Double Post)
-  Existing Sign
-  OM2-2V Reflector Marker

**SIGNING NOTES:**

- Sign details shall conform to the latest editions and amendments of the following FHWA publications: "Manual on Uniform Traffic Control Devices for Streets and Highways", "Standard Highway Signs" and "Standard Alphabets for Highway Signs".
- For Miscellaneous Sign Details, see Standard Plan TE-01 to TE-18.
- Existing Signs to be removed shall be disposed of by the Contractor. Removal of signs shall also include the removal of post and foundation to a minimum height of 1-foot below the ground.
- The Contractor shall backfill all holes, depressions and pits left by the removal of the existing signs with embankment material and grass all areas exposed in accordance with Specifications Section 618-Grassed Surfaces.
- The cost of trimming existing vegetation for installation of the sign and to provide a clear view of the sign shall be considered incidental to the sign.
-  The cost of  Relocate existing reflector posts 2' from edge stripe shall be considered incidental to the various contract items.
-  The cost of installing  New RM-2 on post @ 35' o.c. behind guardrail shall be considered incidental to the various contract items.

**PAVEMENT MARKING NOTES:**

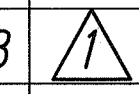
- Removal of existing conflicting pavement markings on Ohukai Road and Piilani Highway shall be considered incidental to the various contract items.
- All pavement striping, legends and symbols shall be retroreflective thermoplastic compound pavement markings.
- Location of pavement markers is shown schematically. For exact location of markers in relation to stripe, see Standard Plans TE-26, TE-27 & TE-28.
- The Contractor shall remove all RM-2 Markers along the roadside and within the pavement area which conflict with the proposed construction.

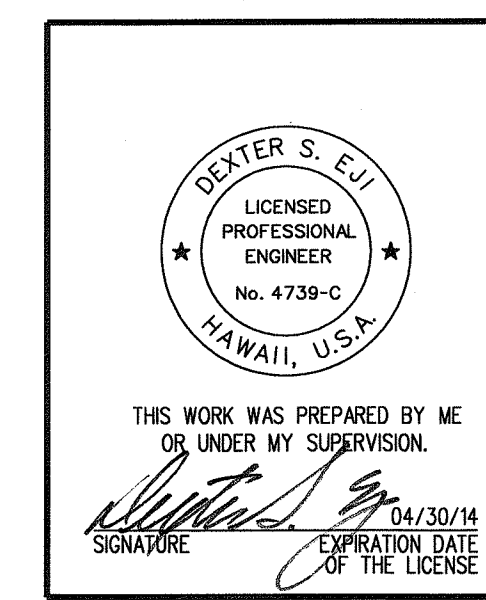
**ABBREVIATIONS:**

RM Reflector Markers

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
DATE	

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4/10/2013		Added Notes
Date		Revision



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT MARKINGS**  
**NOTES AND LEGEND**

PIILANI HIGHWAY  
TRAFFIC OPERATION IMPROVEMENTS AT OHUKAI ROAD  
FEDERAL AID PROJECT NO. CMAQ-031-1012)

Scale: NONE Date: March 2013

SHEET No. C-15 OF 29 SHEETS