

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(038)	2012	7	89

**NOTES**

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. The costs shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the legend or plans.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape's manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- The Contractor shall erect advanced construction warning signs at the beginning and at the end of the project site. Construction warning signs shall be placed as indicated on the plans or as directed by the Engineer. The signs shall be kept in place for the duration of the project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645 - Work Zone Traffic Control. The advanced construction warning signs shall be new and become the property of the State. The Contractor shall remove, clean and deliver the signs and posts to the Kauai District Baseyard or as directed by the Engineer of the project.
- Existing signs that are to be replaced shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
- Backing for all new regulatory and warning signs shall not be spliced.
- All sign panels shall conform to Section 630, 631 and 632 of Special Provisions, DOT standard plans, and the latest editions and amendments of the following FHWA publications:
  - "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
- All new and relocated signs and markers installed on pipe posts, light standard or expressway sign posts are to be mounted with band brackets and steel braces.
- Removal of existing signs, delineators and posts, as directed by the Engineer or as shown on the plans, shall be considered incidental to the various signing items.
- Removal and reinstalling existing street name signs on regulatory and warning sign post(s) shall not be paid for separately but shall be considered incidental to the various signing items.
- All pedestrian and school warning signs with supplemental sign shall be on a fluorescent yellow-green retroreflective background with a black legend and border.
- Removed signs and posts shall be delivered to the State Highways baseyard in Puhī.
- Contractor shall replace all Reflector Markers shown on the plans.
- Contractor shall verify locations of fire hydrants prior to installation of Type F Raised Pavement Markers.

**LEGEND**

- 4 each Type A Raised Pavement Markers
- Type C Raised Pavement Markers @ 20'-0" o.c.
- 4 each Type J Raised Pavement Markers
- Type D Raised Pavement Markers @ 20'-0" o.c.
- 8" White Stripe with Type C Raised Pavement Markers @ 10'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
- 4" Double Solid Yellow with 2 each Type D Raised Pavement Markers @ 10'-0" o.c. (Tape, Type I or Thermoplastic Extrusion) See Typical Detail on Sheet T-78.
- 4" Double Solid Yellow Stripes with 2 each Type H Raised Pavement Markers @ 10'-0" o.c. (Tape, Type II or Thermoplastic Extrusion) See Typical Detail on Sheet T-78.
- 4" Yellow Edge Stripe with Type H Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
- 4" Double Solid White Stripes with 2 each Type C Raised Pavement Markers @ 10'-0" o.c. (Tape, Type I or Thermoplastic Extrusion) See Typical Detail on Sheet T-78.
- Lane Change Restriction Marking
- 4 each Type A Raised Pavement Markers @ 20' o.c. Type C Raised Pavement Markers @ 10'-0" o.c. 4" White Stripe (Tape, Type I or Thermoplastic Extrusion)
- 4" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
- 4" White Guide Lines (Tape, Type III or Thermoplastic Extrusion except for bus bays)
- Transverse Median Marking (Tape, Type II or Thermoplastic Extrusion)
- Transverse Shoulder Marking (Tape, Type II or Thermoplastic Extrusion)
- Channelizing Island or Deceleration Lane Gore (Tape, Type II or Thermoplastic Extrusion)
- Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Tape, Type III or Thermoplastic Extrusion)
- Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)
- Pavement Word (Tape, Type III or Thermoplastic Extrusion)
- Yield Line (Tape, Type III or Thermoplastic Extrusion) The circled number indicates the number of lanes for payment
- Parallel Parking Stall (Tape, Type I or Thermoplastic Extrusion). See Detail on Sheet T-78.
- Type F Raised Pavement Marker (See Note 19)

- 4 Each Type J Raised Pavement Markers Type D Raised Pavement Markers @ 20'-0" o.c. Type H Raised Pavement Markers (Reflective Surface facing no-passing direction) 4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)
- Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 5'-0" o.c. w/Type C Markers @ 20'-0" o.c. (Tape, Type III or Thermoplastic Extrusion)
- Type II Object Marker (OM2-2V) on Existing Post
- Reflector Marker (RM-3) on Existing Post
- Flexible Delineator Post w/ High Visibility Reflective Sheeting
- RM-5 Mounted on Guardrail @ 25' o.c.
- Type II Object Marker (OM2-2V) Mounted on Sign Post

**SIGNING LEGEND:**

- Remove existing sign(s) and install new sign(s) on existing post(s)
- Install new sign(s) on existing post(s)
- Remove existing sign(s); post(s) to remain
- Existing sign(s) to remain
- Install new OM3 (bracket-mounted on bridge)
- Remove existing sign(s) and post(s)
- Remove existing milepost marker and install new milepost marker (bi-directional) on existing post
- Remove existing guide sign and install new sign on existing post(s). See Note 12.
- Existing Sign

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
No.	

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	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
	<b>SIGNING AND PAVEMENT MARKINGS</b> <b>NOTES AND LEGEND</b> KAUMUALII HIGHWAY PAVEMENT MARKINGS AND SIGNAGE Mana to the Vicinity of Maluhia Road Federal Aid Project No. STP-050-1(038) Scale: None Date: May 13, 2011
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. SIGNATURE:  EXPIRATION DATE OF THE LICENSE: 04/30/12	SHEET No. T-1 OF 79 SHEETS