LEGEND	
	— Rumble Strips 10' of White Thermoplastic Stripe — <del>4 each Type A Raised Pavement Markers</del> @ 40'-0" o.c.
Q - Q	— Type C Raised Pavement Markers @ 40'-0" o.c.
	10' of Yellow Thermoplastic Stripe 4 each Type J Raised Pavement Markers
Q - Q	<del>4 each Type J Raised Pavement Markers</del> Type D Raised Pavement Markers
:	(Refer RPM Spacing Detail on Plan Sht. 23)
	8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
	4" Double Solid Yellow Stripes with 2 rows of Type D Raised Pavement Markers (Thermoplastic Hot Spray)
	(Refer RPM Spacing Detail on Plan Sht. 23)
	4" Double Solid Yellow Stripes with 2 rows Type H Raised Pavement
4,	Markers @ 10'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
	All Vallage Edge Ctring with Tune II Daiged Dougnast Harkors
	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 rows Type C Raised Pavement
	Markers @ 10'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)
	Lane Change Restriction Marking 10' of White Thermoplastic Stripe <del>4 each Type A Raised Pavement Markers</del> @ 40' o.c.
	— <del>4 each Type A Raised Pavement Markers </del> @ 40' o.c. — Type C Raised Pavement Markers @ 20'-0" o.c.
	—— 4" White Stripe (Tape, Type I or Thermoplastic Extrusion)
	1" or 8" White Edge Stripe with Type C Paiced Payement Markers
ш	4" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)
	All Mhite Childe Lines (Tana Thomas alactic Entrusion
	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)
	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)
45	, available to apply type 111 or thousand 1 miles
ONLY	Pavement Word (Tape, Type III or Thermoplastic Extrusion)
	10' of Yellow Thermoplastic Stripe 4 Each Type J Raised Pavement Markers
	—— <del>4 Lach rype J Raised Pavement Markers</del> —— Type D Raised Pavement Markers (Passing Direction)
	Type D Raised Pavement Markers (No-Passing Direction)
	(Refer RPM Spacing Detail on Plan Sht. 23) —— 4" Single Solid Yellow Stripe (Thermoplastic Hot Spray)

Extension of Edge Line, 4" Wide x 2'-0" Long White

Stripe @ 10'-0" o.c. w/Type C Markers @ 40'-0" o.c.

(Tape, Type III or Thermoplastic Extrusion)

SURVEY
DRAWN
TRACED
DESIGNEI
QUANTIT

10' 10' 10' 10'

## NOTES

- 1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- 2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- 3. Raised pavement markers shall not be installed within crosswalks.
- 4. Final locations of all signs shall be approved by the Engineer prior to any installation work.
- 5. 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.
- 6. Final locations of all stop lines shall be approved by the Engineer prior to installation.
- 7. All pavement striping shall be as noted on the legend or plans.
- 8. All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- 9. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs 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 advance construction warning signs shall be new and become the property of the Contractor.
- 10. 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.
- 11. Backing for all new regulatory and warning signs shall not be spliced.
- 12. All sign panels shall conform to Section 630 of Special Provisions and the latest editions and amendments of the following FHWA publications:
  - a. "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
  - b. "Standard Highway Signs"
  - c. "Standard Alphabets for Highway Signs"
- 13. State Route Marker Symbols, borders, messages, arrows, symbols and shields shall conform to details as shown on the plans and as specified in the MUTCD.
- 14. All new and relocated signs and markers installed on pipe posts, light standard or expressway sign post are to be mounted with band brackets and steel braces.
- 15. Removal of existing delineators and posts, as directed by the Engineer or shown on the plans, shall be considered incidental to the various signing items.
- 16. Removal and reinstalling existing street name signs on regulatory and warning sign post shall not be paid for separately but shall be considered incidental to the various signing items.
- 17. All Reflector Marker (RM-2) not protected by a vehicular barrier shall be mounted on a flexible delineator post unless otherwise directed by the Engineer.

## 12" 6" 12" NOTE: Yield Line Markings shall be paid for as one complete set. Lane Width (As Shown on Plans) Direction of Travel

YIELD LINE DETAIL

Not to Scale

FED. ROAD DIST, NO.

HAW.

FISCAL SHEET TOTAL

2014 23

50D-01-11MR

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

PAVEMENT MARKING LEGEND, DETAILS, NOTES & SUMMARY

KAUMUALII HIGHWAY RESURFACING Kipu Road to Huleia Bridge Proj. No. 50D-01-11MR

Date: Oct. 2013

SHEET No. 71 OF 9 SHEETS

''AS-BUI

posting

LEGEND FOR

AS-BUILT POSTINGS

**√√** 

<del>100.00</del>

Roadway

Squiggly line for as-built deletion

as-built deletion

Text for as-built

Double line for

23