10' 10' 10' 10'

GEND				
	4 each	Type /	A Raised	Pavement

nt Markers Type C Raised Pavement Markers @ 40'-0" o.c.

4 each Type J Raised Pavement Markers Type D Raised Pavement Markers @ 40'-0" o.c.

8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow with Type D Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow Stripes with Type H Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" Yellow Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" Double Solid White Stripes with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

Lane Change Restriction Marking 4 each Type A Raised Pavement Markers Type C Raised Pavement Markers @ 20'-0" o.c. 4" White Stripe (Tape, Type I or Thermoplastic Extrusion)

4" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-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)

4 Each Type J Raised Pavement Markers

Surface facing no-passing direction)

Thermoplastic Extrusion)

Type D Raised Pavement Markers @ 40'-0" o.c.

Type H Raised Pavement Markers (Reflective

4" Single Solid Yellow Stripe (Tape, Type I or

(Tape, Type III or Thermoplastic Extrusion)

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

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

Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)

16. Removal and reinstalling existing street name signs on regulatory and warning sign Pavement Word (Tape, Type III or Thermoplastic Extrusion) signing items.

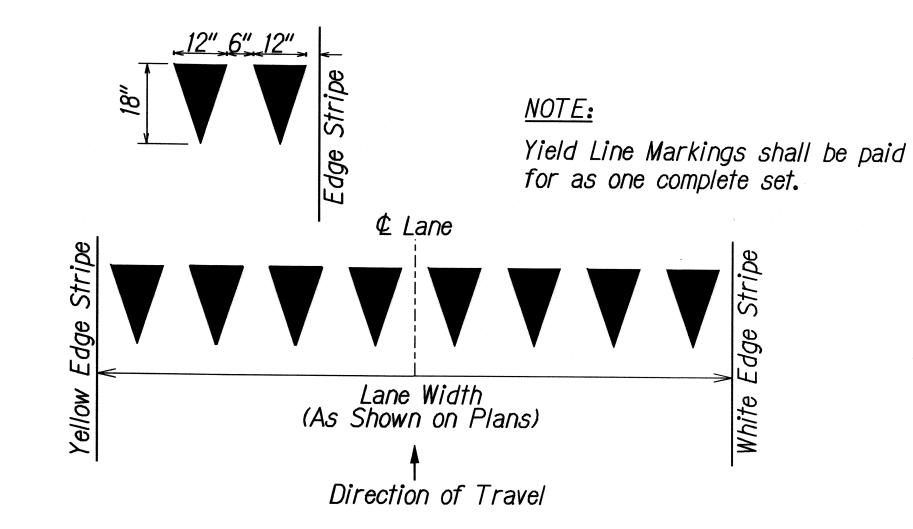
> 17. All Reflector Marker (RM-2) not protected by a vehicular barrier shall be mounted on a flexible delineator post unless otherwise directed by the Engineer.

replaced, but shall remain in place.

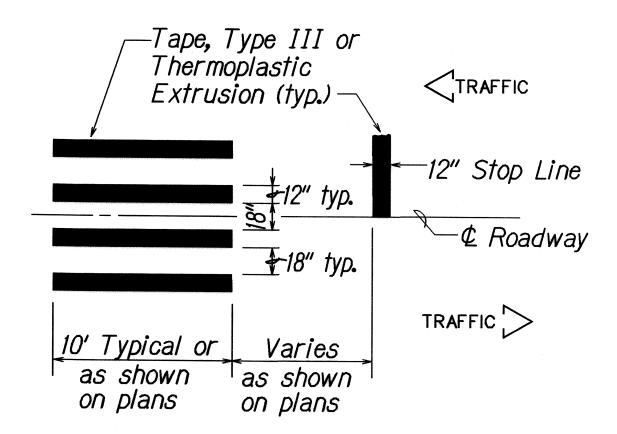
## NOTES

- 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 accepted 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 a primer as recommended by the tape manufacturer and as accepted 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-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.
- post shall not be paid for separately but shall be considered incidental to the various
- 18. Unless otherwise indicated on the plans, "No Parking" signs shall not be removed and

FED. ROAD DIST. NO. FISCAL SHEET TOTAL YEAR NO. SHEETS STATE PROJ. NO. 51B-01-08M HAW. 2008 20



## YIELD LINE DETAIL Not to Scale



## CROSSWALK STRIPING DETAIL Not to Scale

NOTE: Longitudinal lines shall be parallel to traffic flow.



KAPULE HIGHWAY RESURFACING Rice Street to Ahukini Road Project No. 51B-01-08M

Date: May 2008

SHEET No. 1 OF 1 SHEETS

SURVEY PLOT
DRAWN BY X
TRACED BY
DESIGNED BY
QUANTITIES F

20