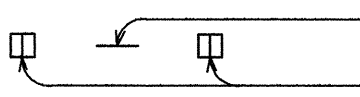
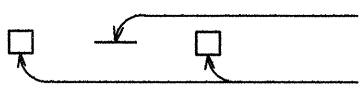


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50D-01-99M	1999	16	29

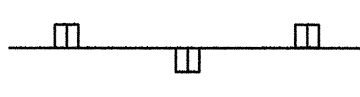
LEGEND



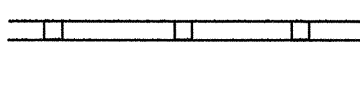
4 each Type A Raised Pavement Markers  
Type C Raised Pavement Markers @ 40'- 0" o.c.



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)



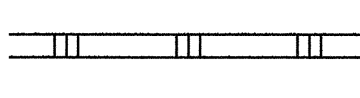
4" Double Solid Yellow with Type D  
Raised Pavement Markers @ 20'- 0" o.c.  
(Tape, Type I or Thermoplastic Extrusion)



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)



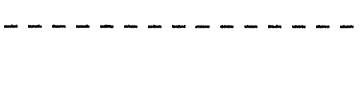
4"Double Solid White Stripes with Type C  
Raised Pavement Markers @ 20'- 0" o.c.  
(Tape, Type I or Thermoplastic Extrusion)



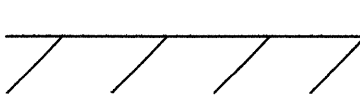
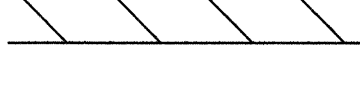
Lane Change Restriction Marking  
4 each Type A Raised Pavement Markers  
Type C Raised Pavement Markers @ 20'- 0" o.c.  
4" White Stripe (Tape, Type I or Thermoplastic  
Extrusion)



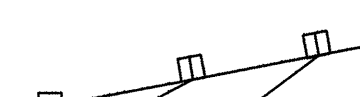
4" or 8" White Edge Stripe with Type C Raised  
Pavement Markers @ 40'-0" o.c. (Tape, Type II or  
Thermoplastic Extrusion)



4" White Guide Lines (Tape, Type III, or Thermoplastic Extrusion,  
Except for Busboys)  
Transverse Median Marking (Tape, Type II or  
Thermoplastic Extrusion)



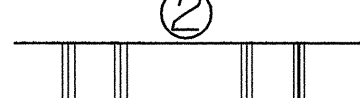
Transverse Shoulder Marking (Tape, Type II or  
Thermoplastic Extrusion)



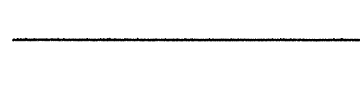
Channelizing Island or Deceleration Lane Gore  
(Tape, Type II or Thermoplastic Extrusion)



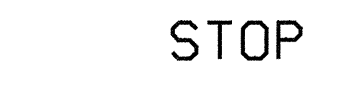
Crosswalk and Stop Line. All Stop Lines  
shall be 10'- 0" from Crosswalk unless  
otherwise noted. The circled number  
indicates the number of lanes for  
payment. (Tape, Type III, orThermoplastic Extrusion)



Pavement Arrow (Tape, Type III or Thermoplastic  
Extrusion)



Pavement Word (Tape, Type III or Thermoplastic  
Extrusion)



4 Each Type J Raised Pavement Markers  
Type D Raised Pavement Markers @ 40'-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)

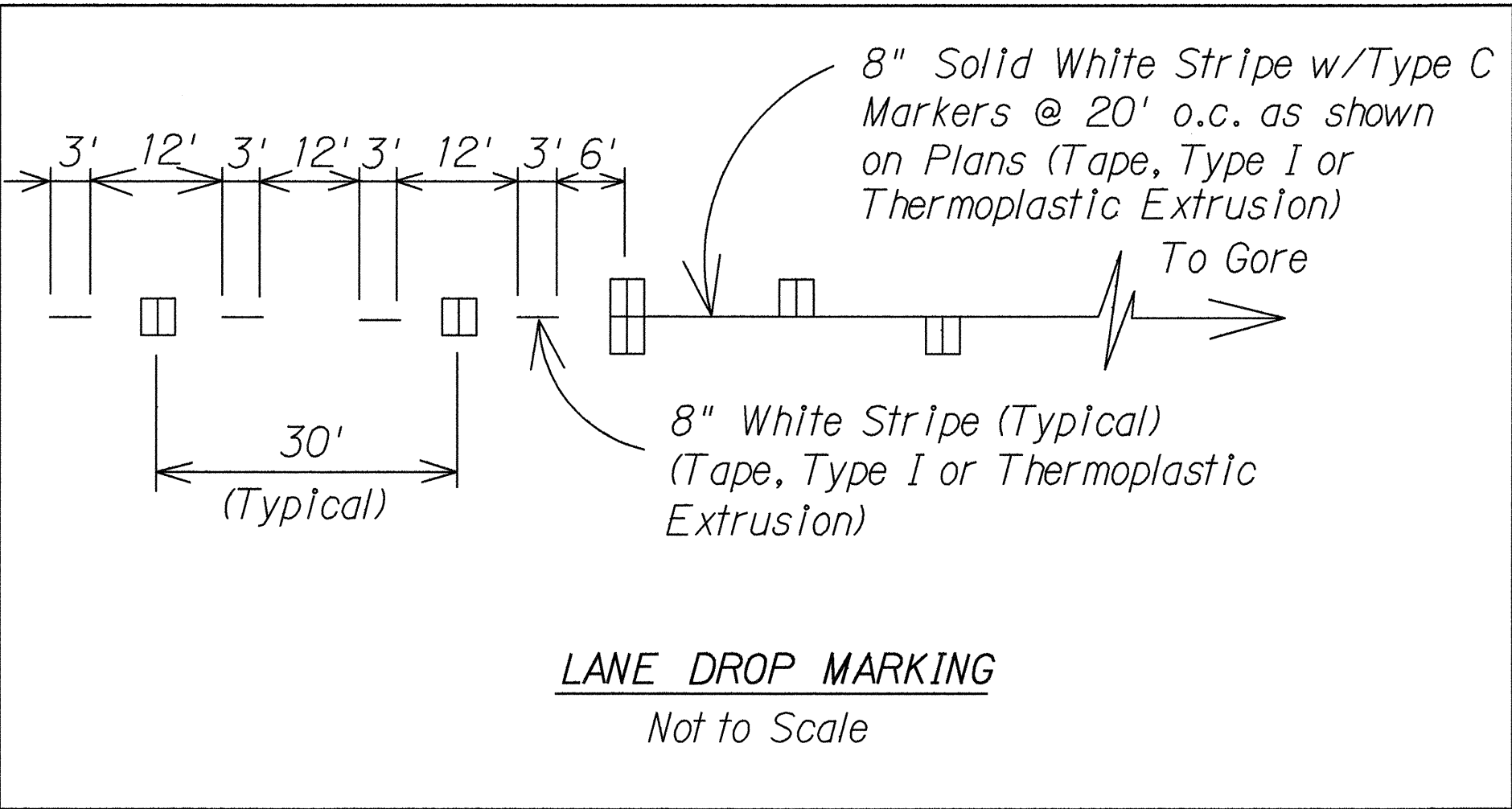


Extension of Edge Line, 4" Wide x 2'-0" Long  
White Stripe @ 10'-0" o.c. w/Type C Markers  
@ 40'-0" o.c. (Tape, Type III or Thermoplastic Extrusion)

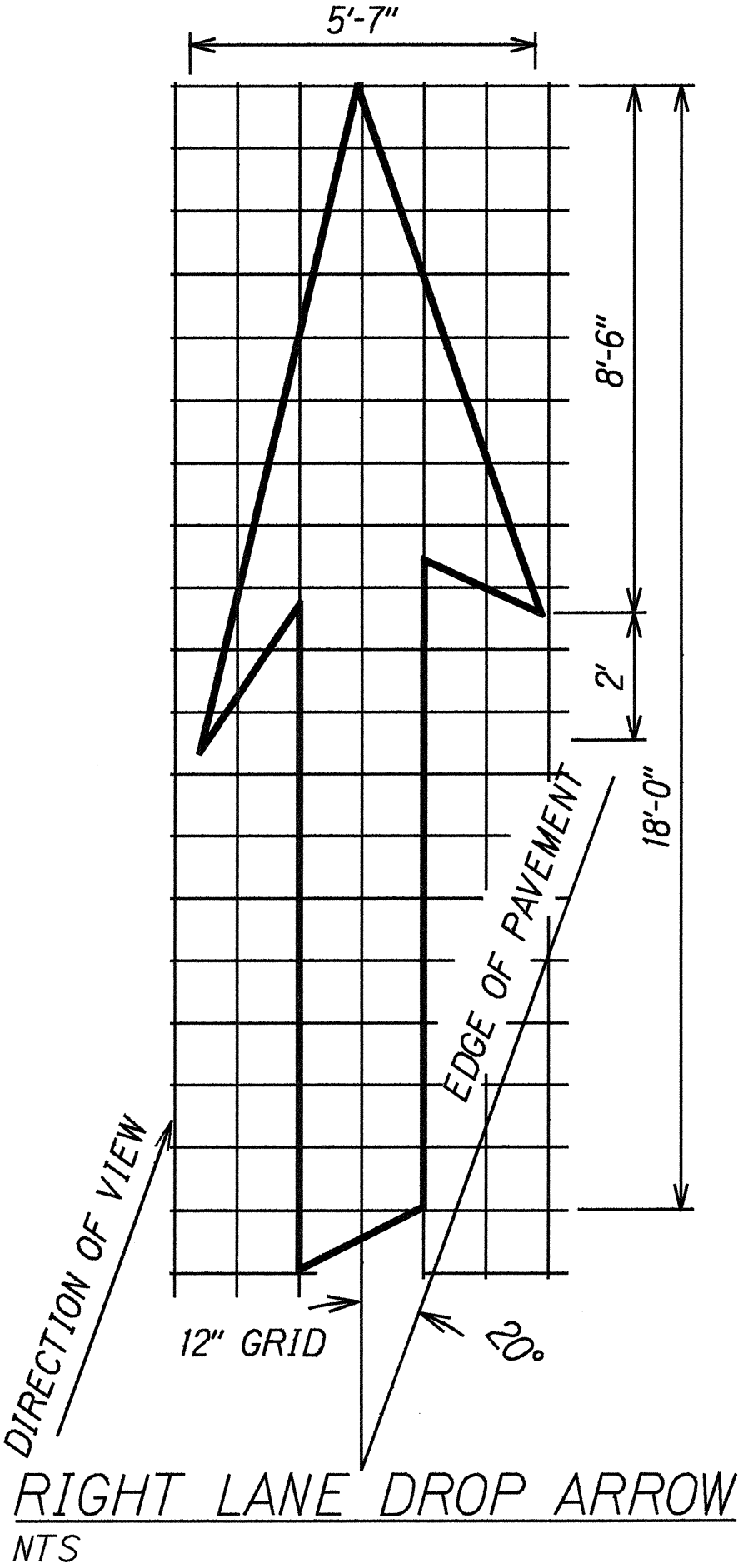
NOTES

- 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. 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 manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- The following abbreviations shall be used:

TI = Tape, Type I  
TII = Tape, Type II  
TIII = Tape, Type III  
TPE = Thermoplastic Extrusion  
RPM = Raised Pavement Markers  
-C = PRM, Type C  
-D = PRM, Type D  
WS = White Stripe  
DSY = Double Solid Yellow  
WES = White Edge Stripe  
WGL = White Guide Lines  
TSM = Transverse Shoulder Markings



- Removal of existing Delineators and Posts as directed by the Engineer shall be considered incidental to the various signing items.
- 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 Sections 630, 631 and 632 of Special Provisions and the latest editions and amendments of the following FHWA publications:
  - "Manual on Uniform Traffic Control Devices fro Street and Highways"(MUT
- All new and relocated signs and markers installed on pipe post or light standard are to be mounted with band brackets and steel braces.
- The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs placed as indicated on the plans or as directed by the Engineer for the duration of the highway 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 State. the Contractor shall remove, clean, and deliver the signs and posts to the Kauai District Baseyard , in Kapaa, upon completion of the project.
- Removed signs and posts shall be delivered to the State Highways baseyard in Kapaa.



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

PAVEMENT MARKING LEGEND

DETAILS & NOTES

KAUMUALII HIGHWAY RESURFACING  
HULEIA BRIDGE TO MALUHIA ROAD  
Project No. 50D-01-99M

Scale: As Shown Date: May, 1999

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BACK	DRAWN BY	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		