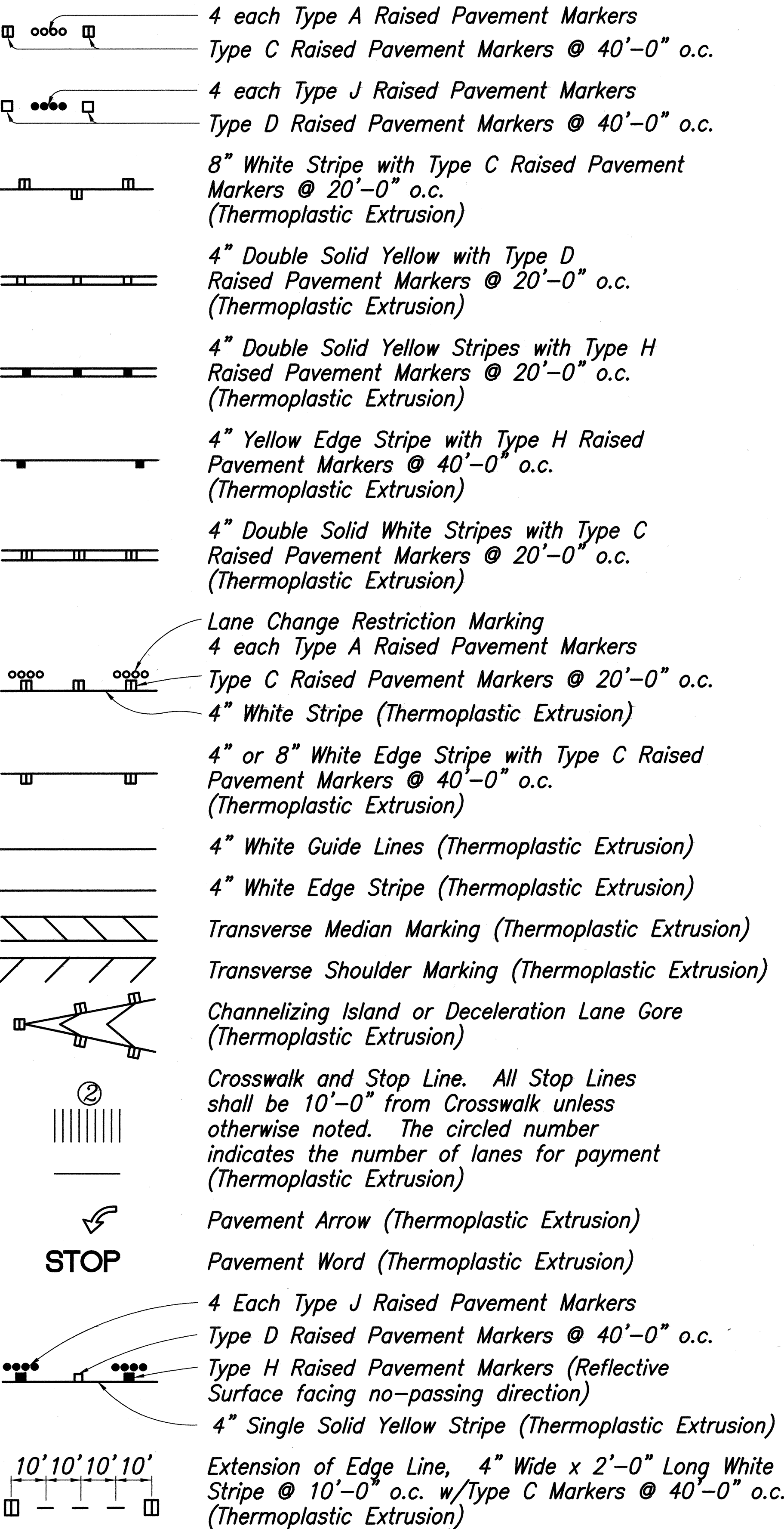


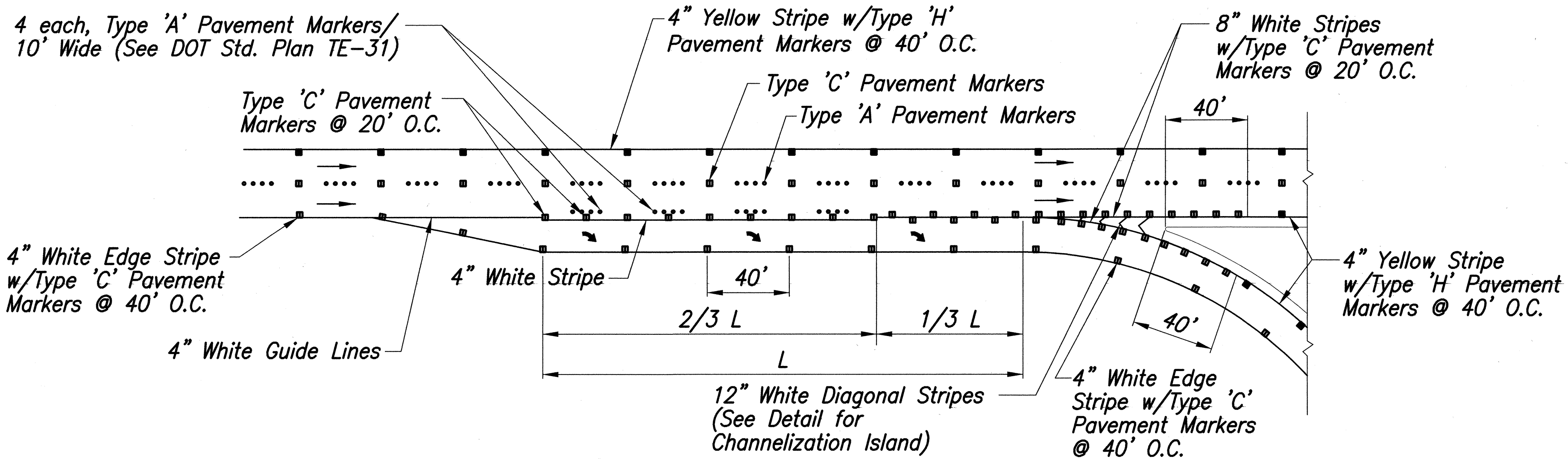
FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(3)	2002	77	159

LEGEND



NOTES

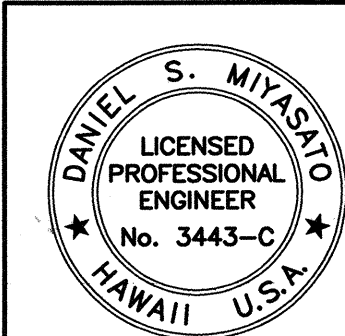
- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement 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 and should be Thermoplastic Extrusion.
- All signs not shown in detail on this plan or the Standard Plans shall be made to match existing regulatory or warning signs.
- Install Type II Object Marker on all utility poles or trees that are within the state highway right-of-way and within 50 feet of the roadway edge of pavement or as directed by the engineer.
- Reflective markers shall be installed with flexible delineator post.



TYPICAL INTERSECTION PARALLEL DECELERATION LANE MARKINGS

Scale: None

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



SATO & ASSOCIATES, INC.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

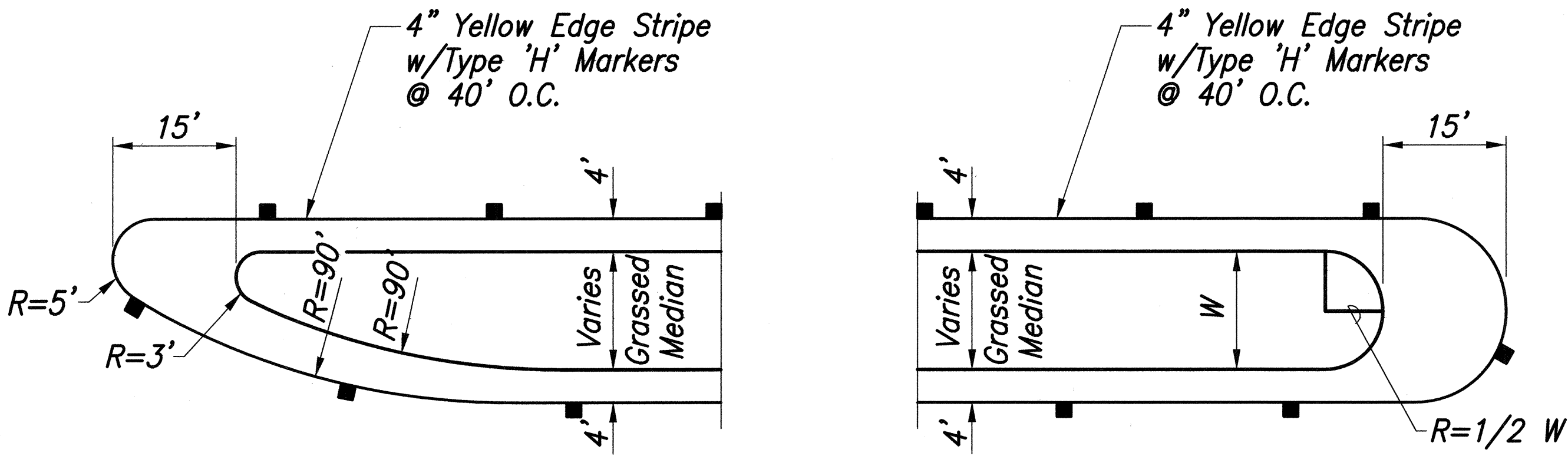
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAVEMENT MARKINGS LEGEND

PUUNENE AVENUE WIDENING
Kuihelani Highway to Hansen Road
And
MOKULELE HIGHWAY WIDENING
Hansen Road to Vicinity of
Cane Haul Road Crossing
Federal - Aid Project No. NH-A311(3)

Scale: As Noted Date: October 2001

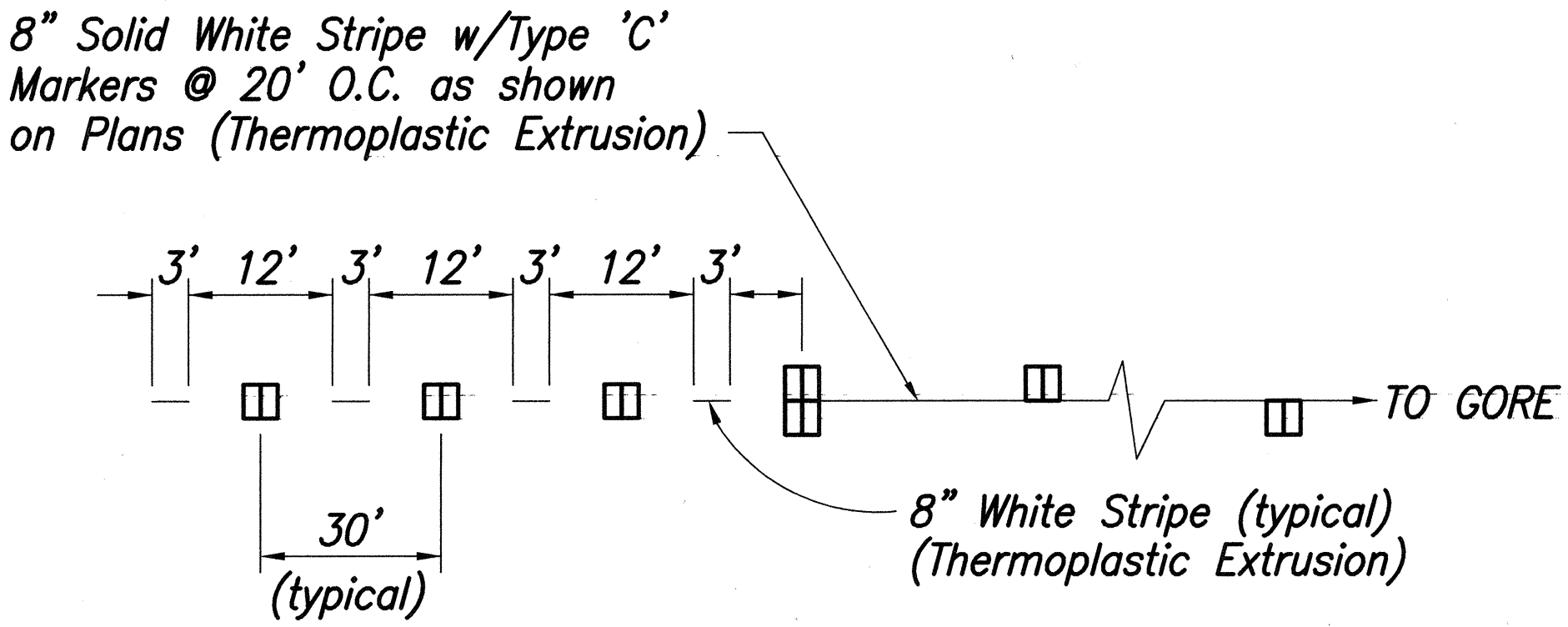
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(3)	2002	78	159



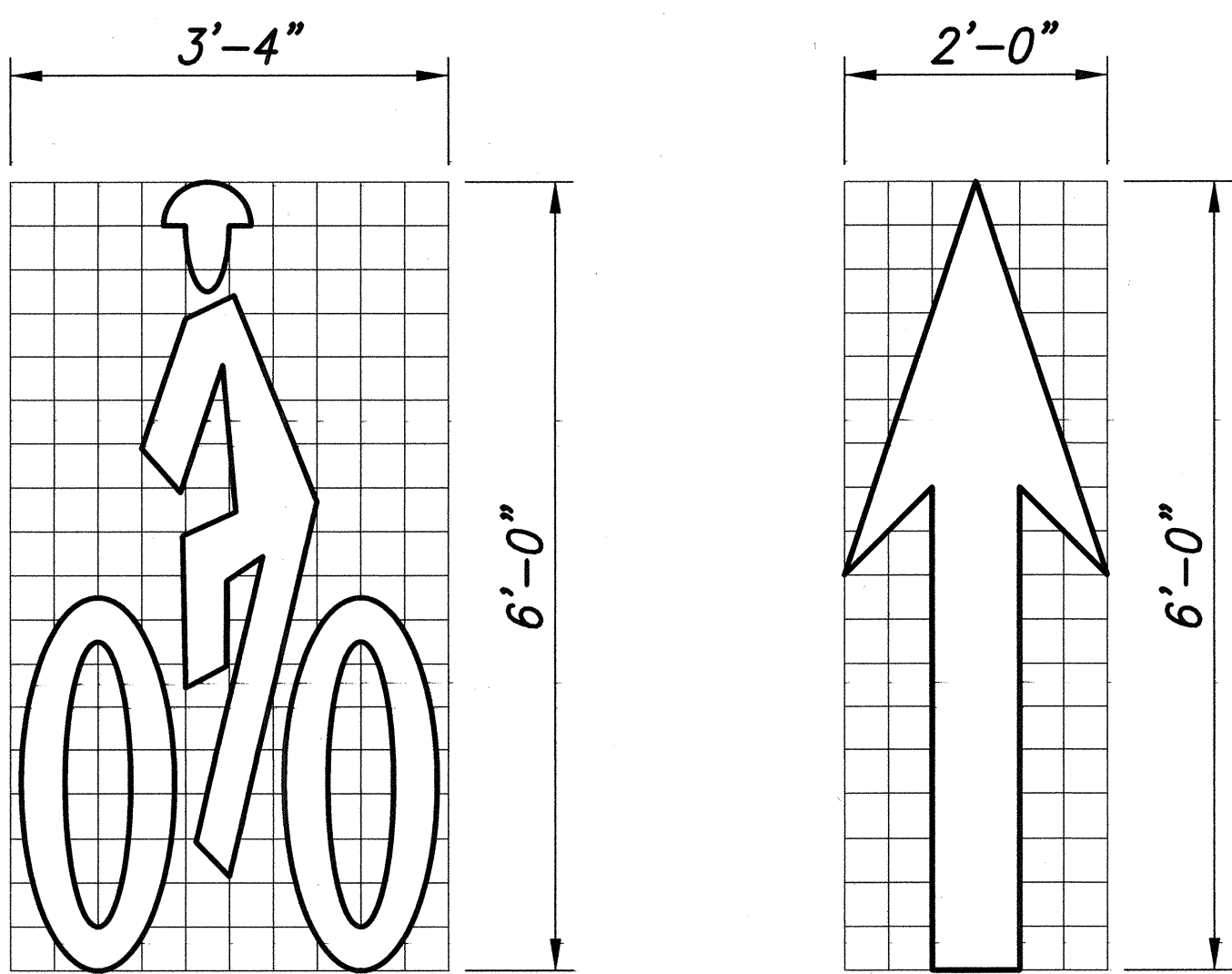
TYPICAL STRIPED MEDIAN NOSING DETAILS

Scale: None



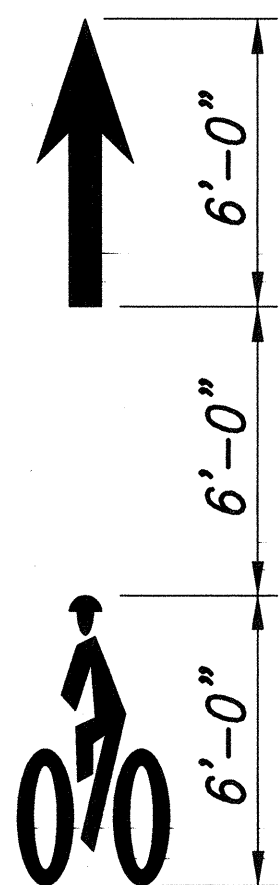
LANE DROP MARKING

Scale: None

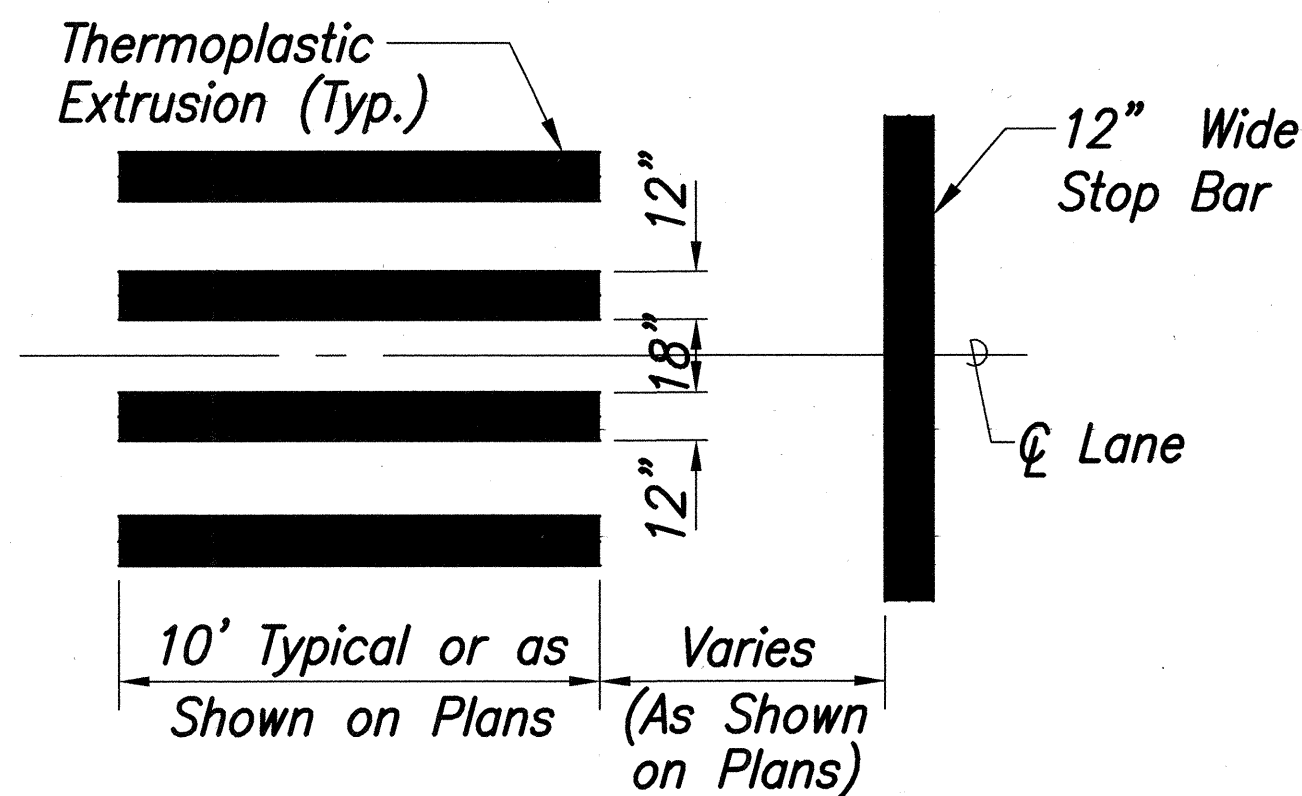


BIKEWAY LAYOUT DETAIL

Scale: None

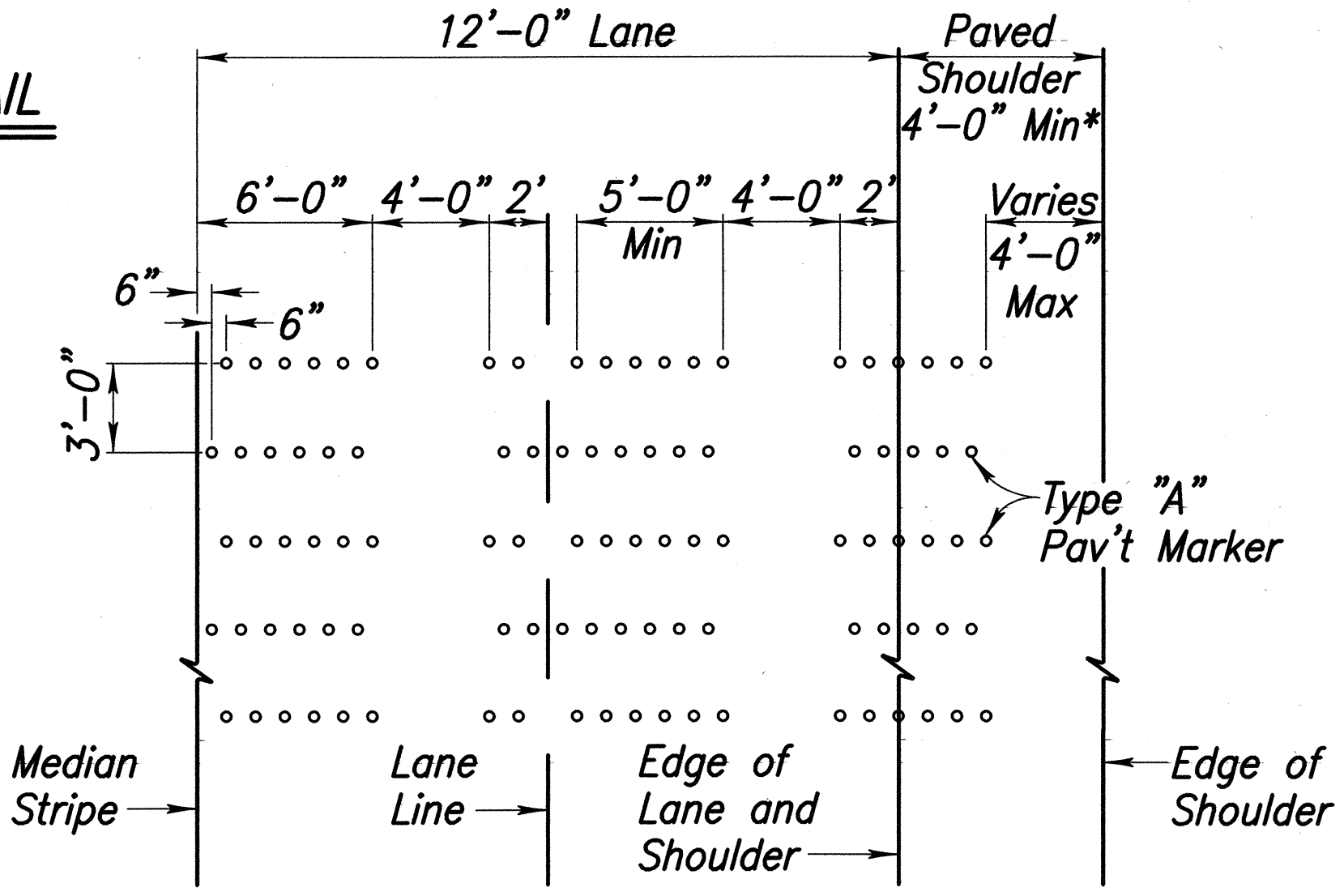


NOTE: = 4" X 4"



CROSSWALK STRIPING DETAIL

Scale: 1/4"=1'-0"



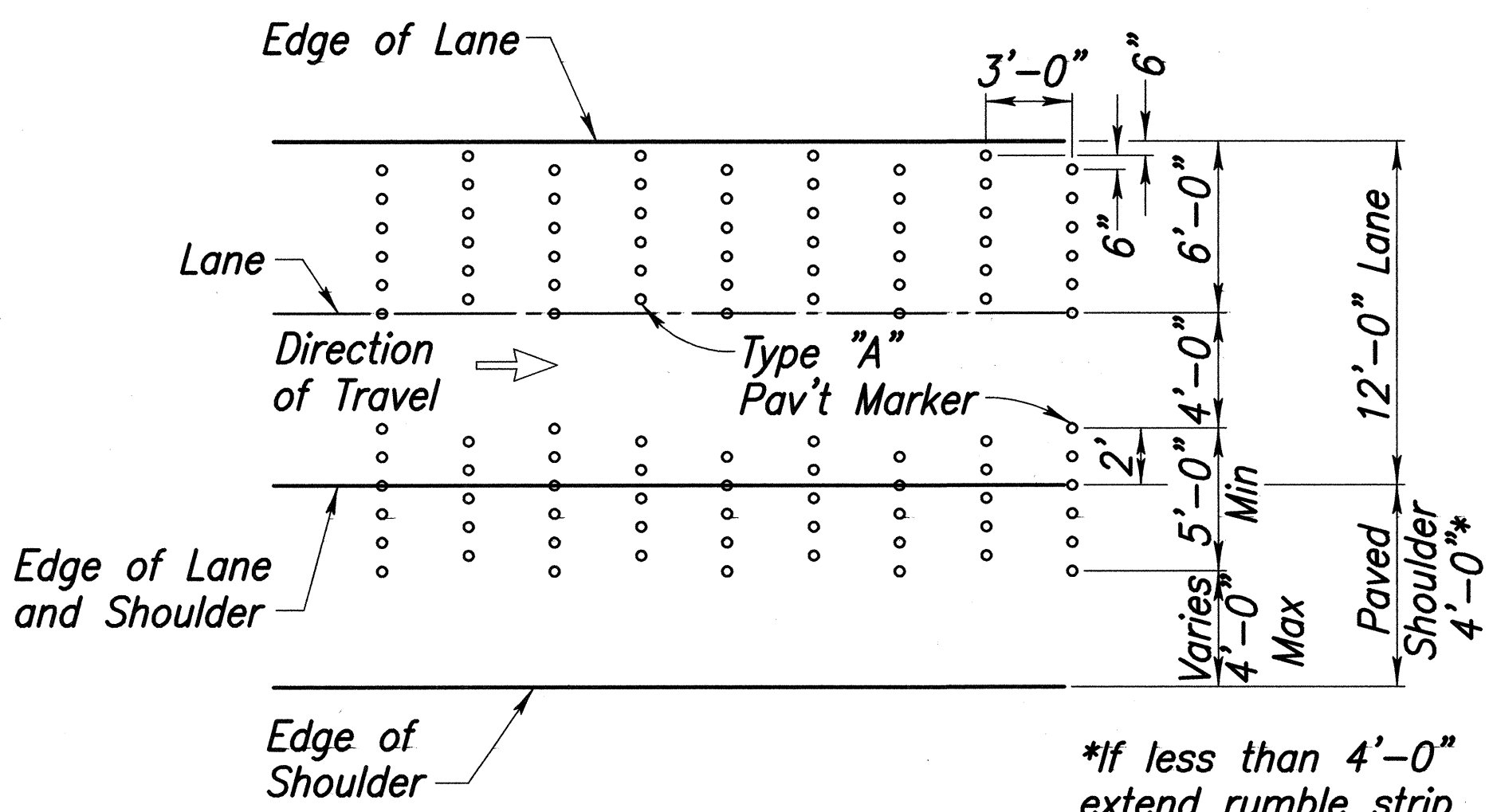
Direction of Travel

*If less than 4'-0" extend rumble strip across paved shoulder

12'-0" MULTI-LANE

RUMBLE STRIPS

Scale: 3/16"=1'-0"

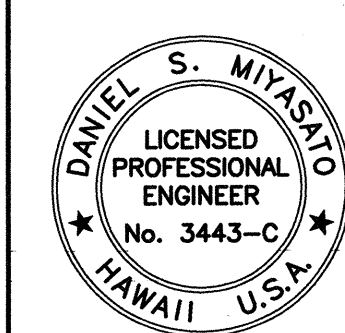


*If less than 4'-0" extend rumble strip across paved shoulder

12'-0" 2 LANE 2 WAY

RUMBLE STRIPS

Scale: 3/16"=1'-0"



STATE OF HAWAII
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Hansen Road to Vicinity of
Cane Haul Road Crossing
Federal - Aid Project No. NH-A311(3)
Scale: As Noted Date: October 2001
SHEET No. 2 OF 2 SHEETS

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