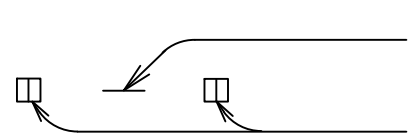
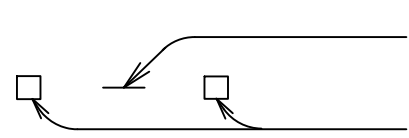


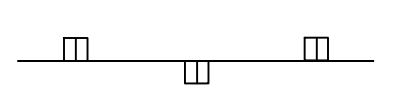
LEGEND:



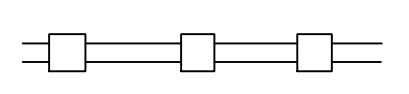
10' White Profiled Thermoplastic Stripe
Type C Raised Pavement Markers @ 40'-0" o.c.



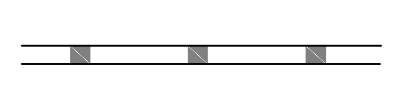
10' Yellow Profiled Thermoplastic Stripe
Type D Raised Pavement Markers @ 40'-0" o.c.



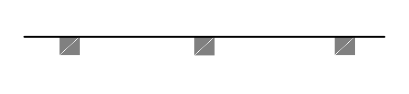
8" White Stripe with Type C Raised Pavement Markers
@ 20'-0" o.c. (Thermoplastic Extrusion)



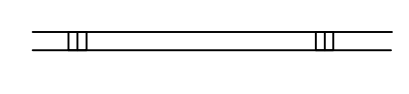
4" Double Solid Yellow Stripes with Type D Raised Pavement
Markers On Both Outside Edges Of 4" Yellow Stripe @ 10'-0" o.c.
(Thermoplastic Extrusion)



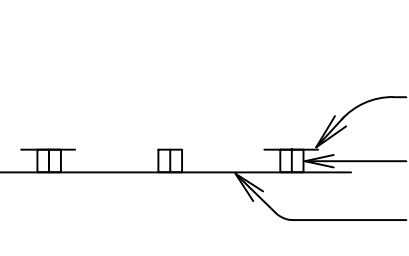
4" Double Solid Yellow Stripes with Type H Raised Pavement
Markers On Both Outside Edges Of 4" Yellow Stripe @ 10'-0" o.c.
(Thermoplastic Extrusion)



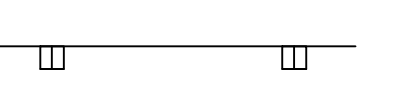
6" Yellow Edge Stripe with Type H Raised Pavement Markers
@ 10'-0" o.c. (Thermoplastic Extrusion)



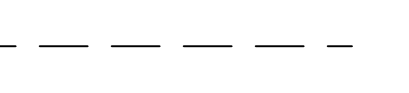
4" Double Solid White Stripes with Type C Raised Pavement
Markers @ 20'-0" o.c. (Thermoplastic Extrusion)



Lane Change Restriction Marking
10' White Profiled Thermoplastic Stripe
Type C Raised Pavement Markers @ 20'-0" o.c.
4" White Stripe (Thermoplastic Extrusion)



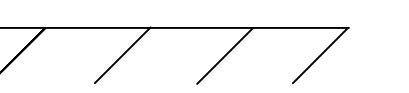
6" or 8" White Edge Stripe with Type C Raised Pavement Markers
@ 20'-0" o.c. (Thermoplastic Extrusion)



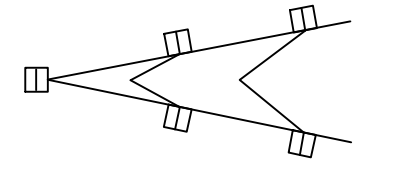
4" White Guide Line (Thermoplastic Extrusion except for bus
bays)



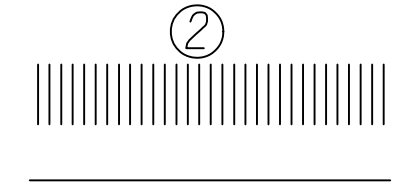
Transverse Median Marking (Thermoplastic Extrusion)



Transverse Shoulder Marking (Thermoplastic Extrusion)



Channelizing Island or Deceleration Lane Gore (Thermoplastic
Extrusion)



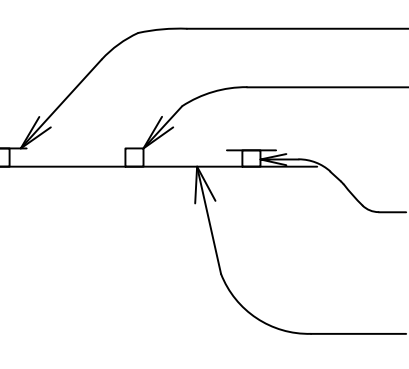
Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk
unless otherwise noted. The circled number indicates the number of
lanes for payment (Thermoplastic Extrusion)



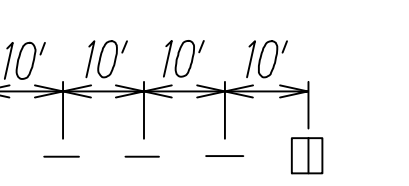
Pavement Arrow (Thermoplastic Extrusion)



Pavement Word (Thermoplastic Extrusion)



10' Yellow Profiled Thermoplastic Stripe @ 40'-0" o.c.
Type D Raised Pavement Markers on Outside Edge and Midway Between
Yellow Profiled Thermoplastic Stripe @ 40'-0" o.c. (Passing Direction)
Type D Raised Pavement Markers on Outside Edge of 4" Single Solid
Yellow Stripe @ 10'-0" o.c. (No-Passing Direction)
4" Single Solid Yellow Stripe (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.
(Thermoplastic Extrusion)



Centerline/Edgeline Rumble Strip

PAVEMENT MARKING AND SIGNING NOTES:

- 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)
 - "Standard Highway Signs"
 - "Standard Alphabets for Highway Signs"
- The Contractor shall backfill all holes, depressions and pits left by the removal of the existing signs with embankment material and grass all areas exposed.
- 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, object markers and reflector markers 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.
- All pedestrian warning signs with supplemental sign shall be on a fluorescent yellow-green retroreflective background with a black legend or border.
- The Contractor shall erect advance 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 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.

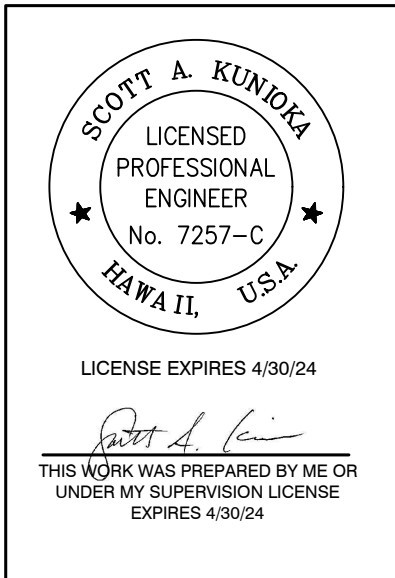
- Existing signs that are to be replaced shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
- Backing for all new regulatory and warning signs shall not be spliced.
- Removal of existing signs, delineators and posts, as directed by the Engineer or as shown on the plans, shall be considered incidental to the various signing items.
- Contractor shall replace all Reflector Markers shown on plans.
- All pavement striping, legends and symbols shall be retroreflective thermoplastic compound pavement markings.
- All temporary signs shall be marked on their back side with the Contractor's name and the project number.

PAVEMENT MARKING AND SIGNING NOTES:

- Remove Exist. Sign(s) & Post(s)
- Replace Exist. Sign
- Replace Exist. Sign & Post(s)
- Install New Sign(s) & Post(s)
- Exist. Sign(s) to Remain
- Remove Exist. Sign

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0560(017)	2023	70	92



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING
LEGEND AND NOTES**

**KUHIO HIGHWAY RESURFACING
AND SAFETY IMPROVEMENTS**
Route 560 M.P. 0.0 to M.P. 4.5
Fed. Aid Proj. No. STP-0560(017)

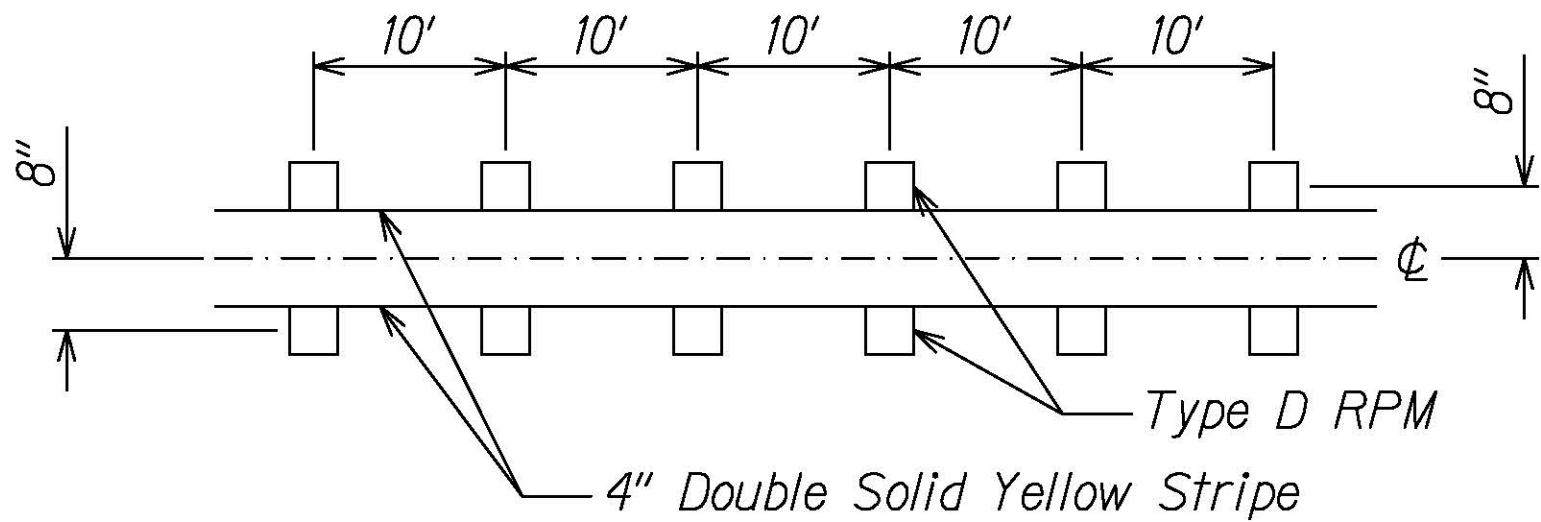
Scale: None Date: July, 2023

SHEET No. P-1 OF 20 SHEETS

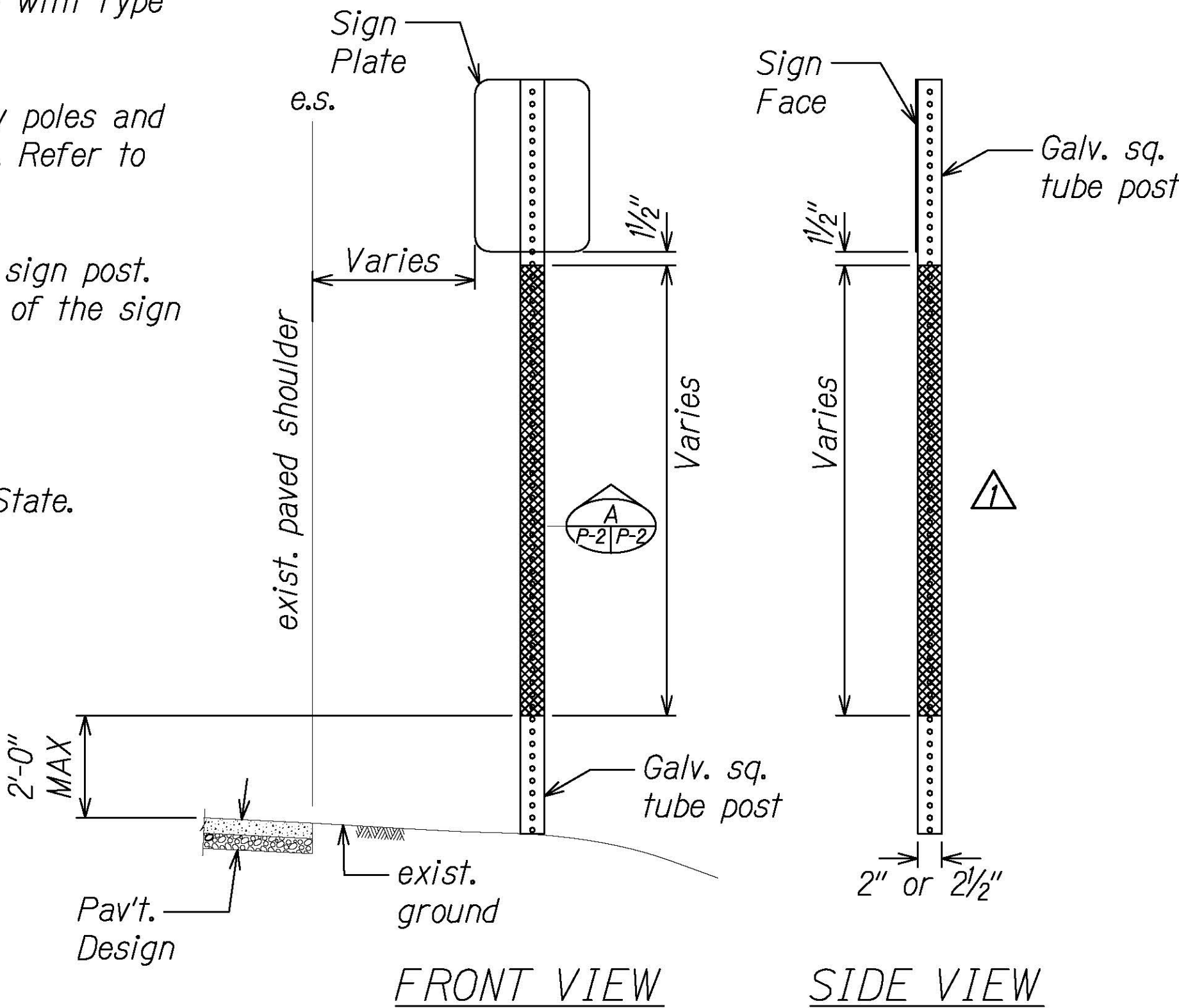
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0560(017)	2023	ADD.71	92

SIGN POST NOTES:

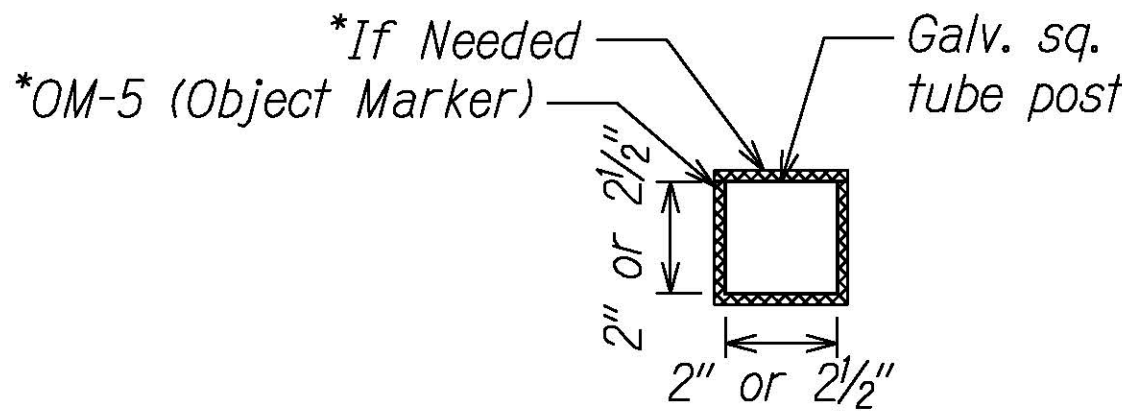
- Object Markers (OM-5) shall be installed on all proposed regulatory and warning sign posts within the project limits.
- If a strip of reflective material is used on the sign support, it shall be at least 2 inches in width, it shall be placed for the full length of the support from the sign within 2 feet above the edge of roadway, and its color shall match the background color of the sign, except that the color of the strip for the "YIELD" and "DO NOT ENTER" signs shall be red. Payment for reflective material shall be considered incidental to the various pay items.
- Background of object marker shall be retroreflectorized with Type XI retroreflective sheeting.
- Install new type II Object Marker (OM2-2H) on all utility poles and trees that are shown on the pavement and striping plan. Refer to Standard Plan No. TE-15 for details.
- All red OM-5 object markers shall cover 4 sides of the sign post. All other OM-5 object marker colors shall cover 3 sides of the sign post, facing all directions.
- See TE-16 for typical sign installation.
- All existing RRFB assemblies shall be returned to the State.



LAYOUT AT DOUBLE NO PASS ZONE
Not to Scale



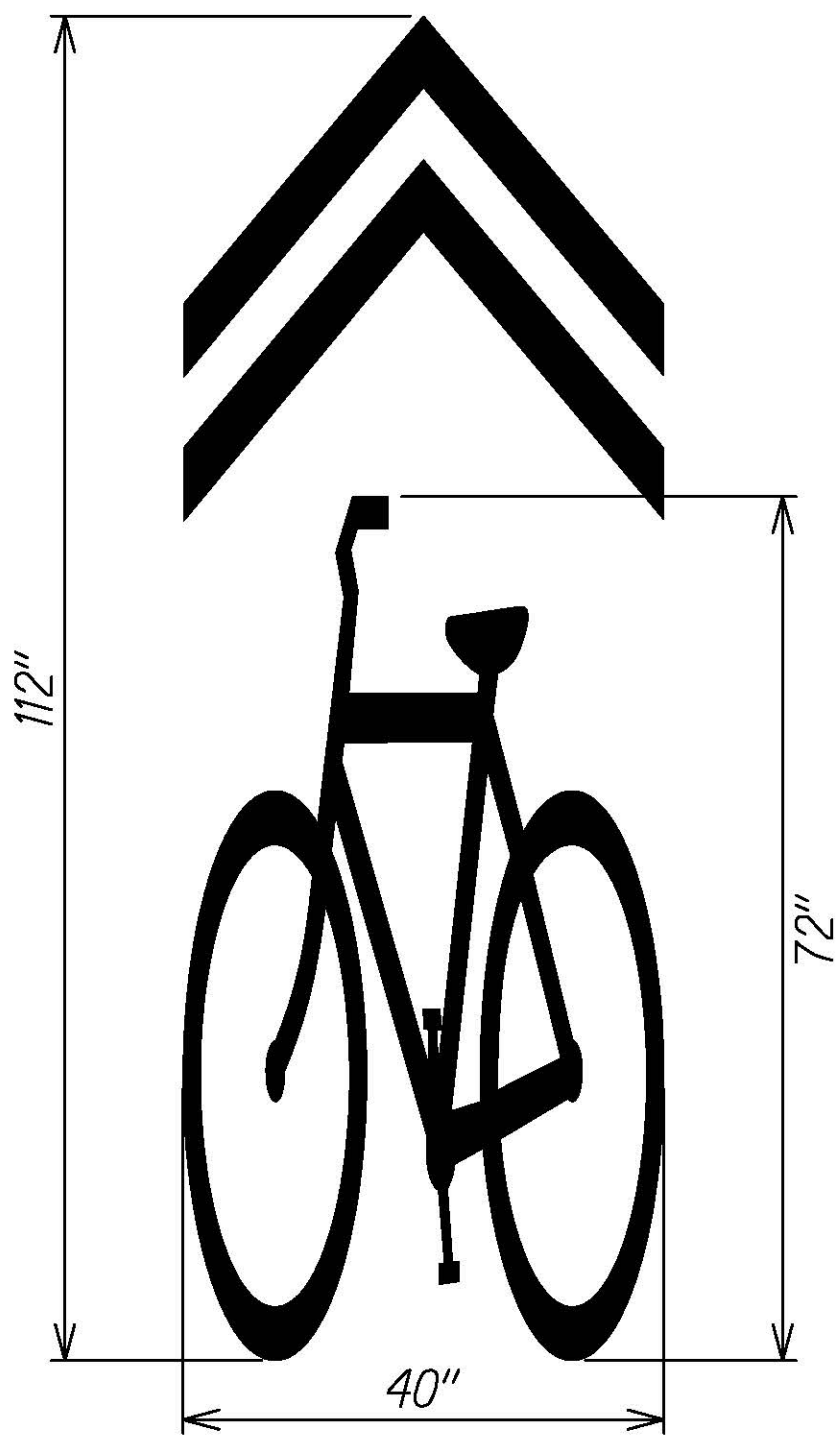
FRONT VIEW
SIDE VIEW



SECTION
A
P-2(P-2)

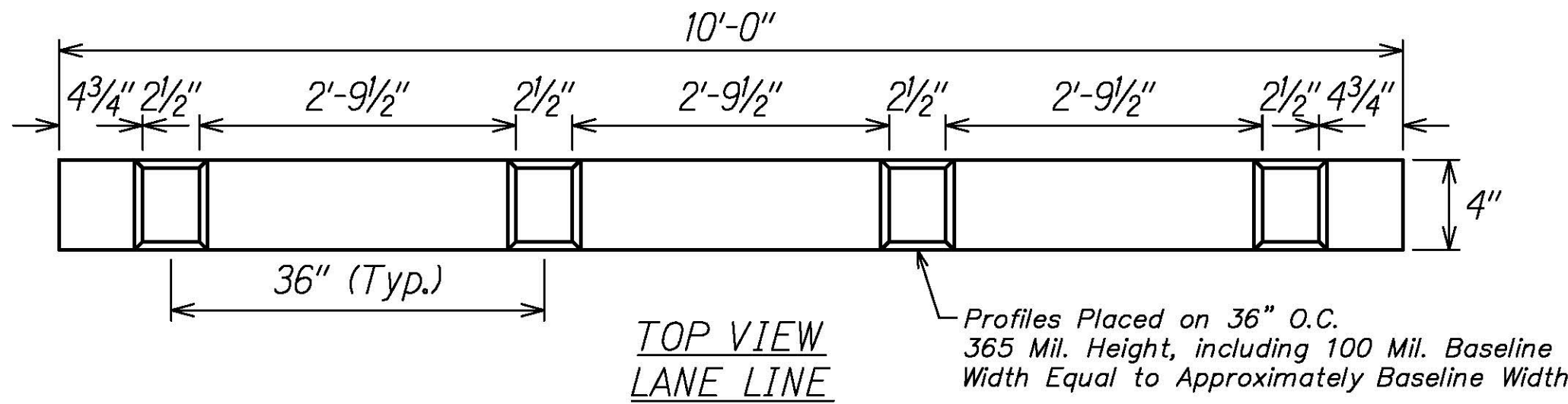
*NOTE: All red OM-5 object markers shall be 4-sided.

OBJECT MARKER (OM-5) DETAIL @ TRAFFIC SIGN POST
Not to Scale

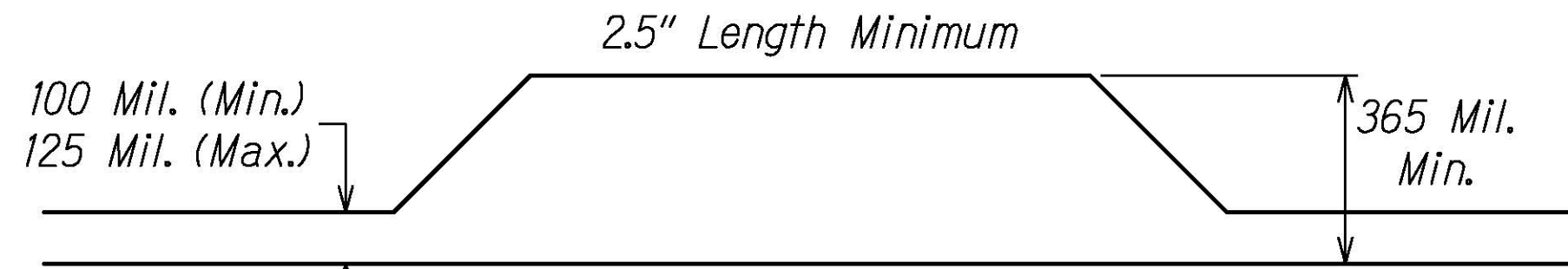


NOTE: Shared Pavement Markings
to be Centered in Lane

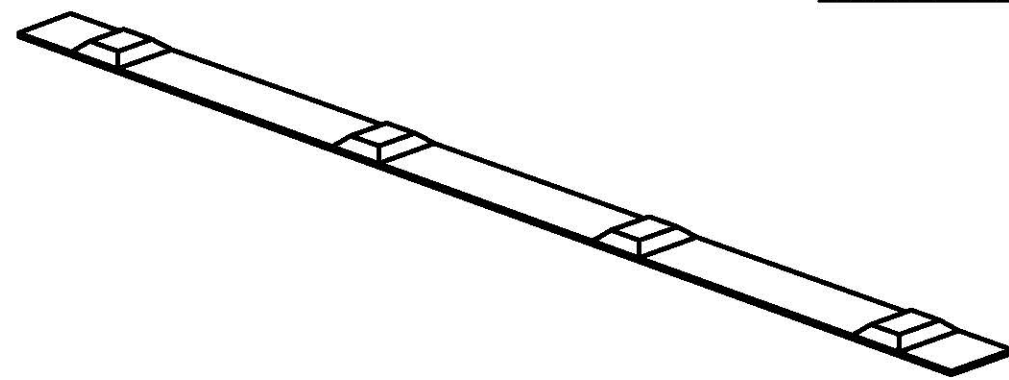
SHARED LANE PAVEMENT MARKING DETAIL
Not to Scale



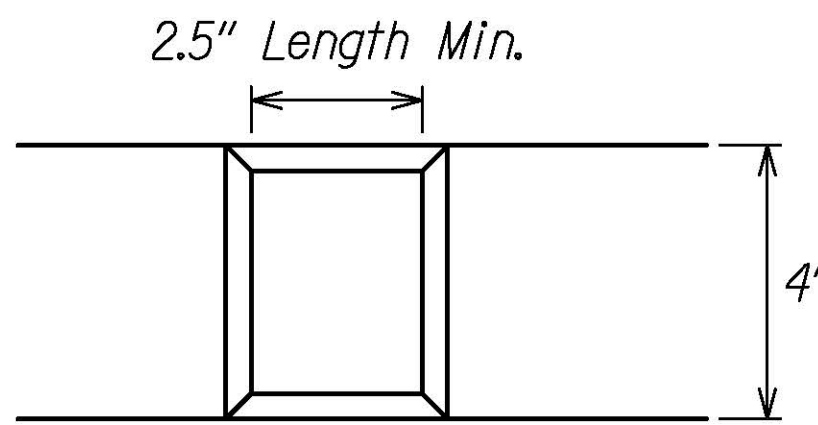
TOP VIEW
LANE LINE



SIDE VIEW



PERSPECTIVE
VIEW

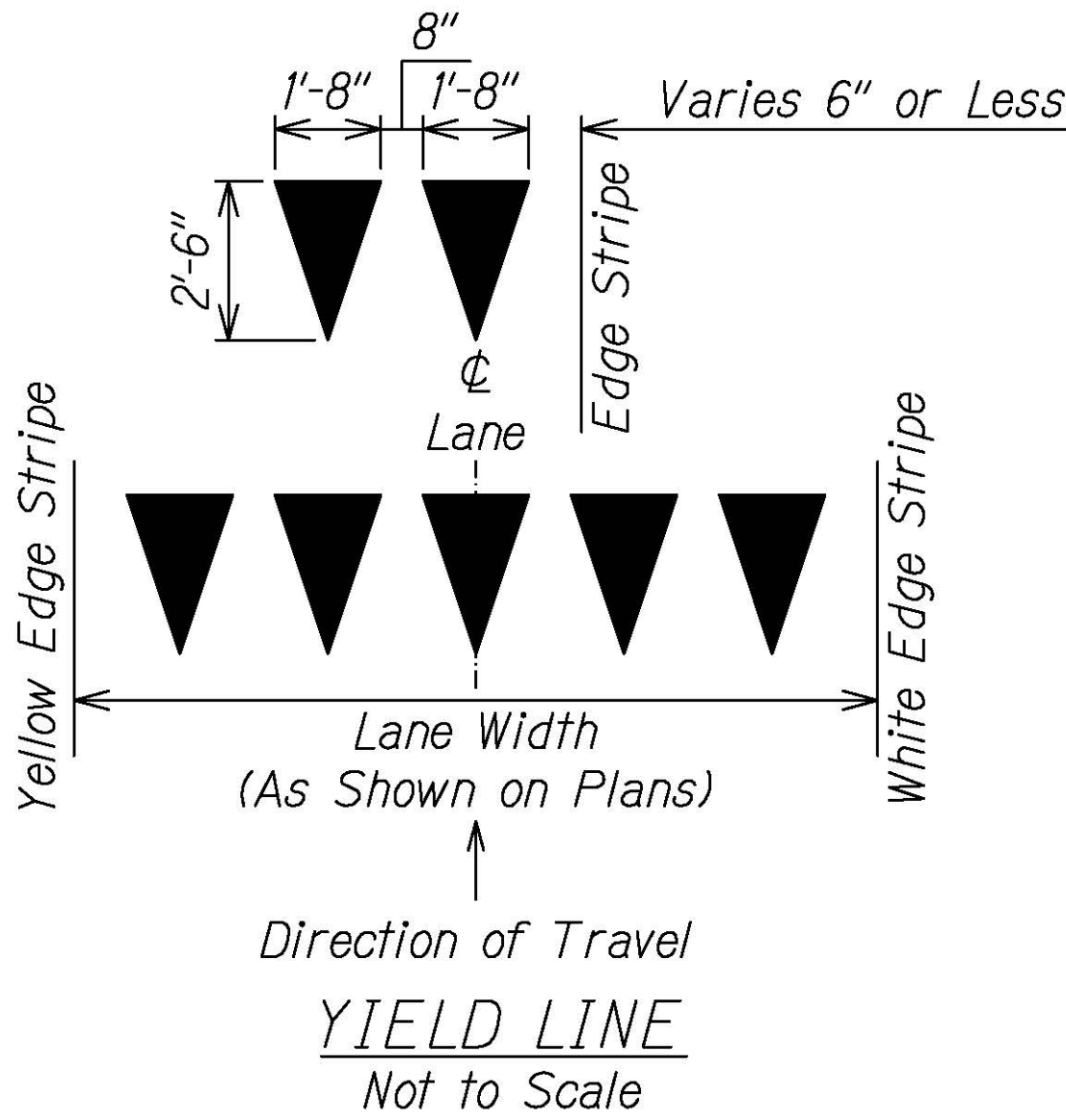


TOP VIEW

NOTES:

- The Thermoplastic Material shall be Alkyd-based Compound Formulated for Profiled Pavement Marking. See Specs Subsection 629.03 for Additional Requirements.
- The Engineer will include the Longitudinal Gaps for Skip Striping, up to Thirty (30) Feet Long, in the Measurement for Payment.
- Install Yellow Profiled Thermoplastic Stripes for Centerline Passing Zone.

PROFILED THERMOPLASTIC STRIPING DETAIL
Not to Scale



Direction of Travel
YIELD LINE
Not to Scale

10/12/23	Revised Detail
DATE	REVISION



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

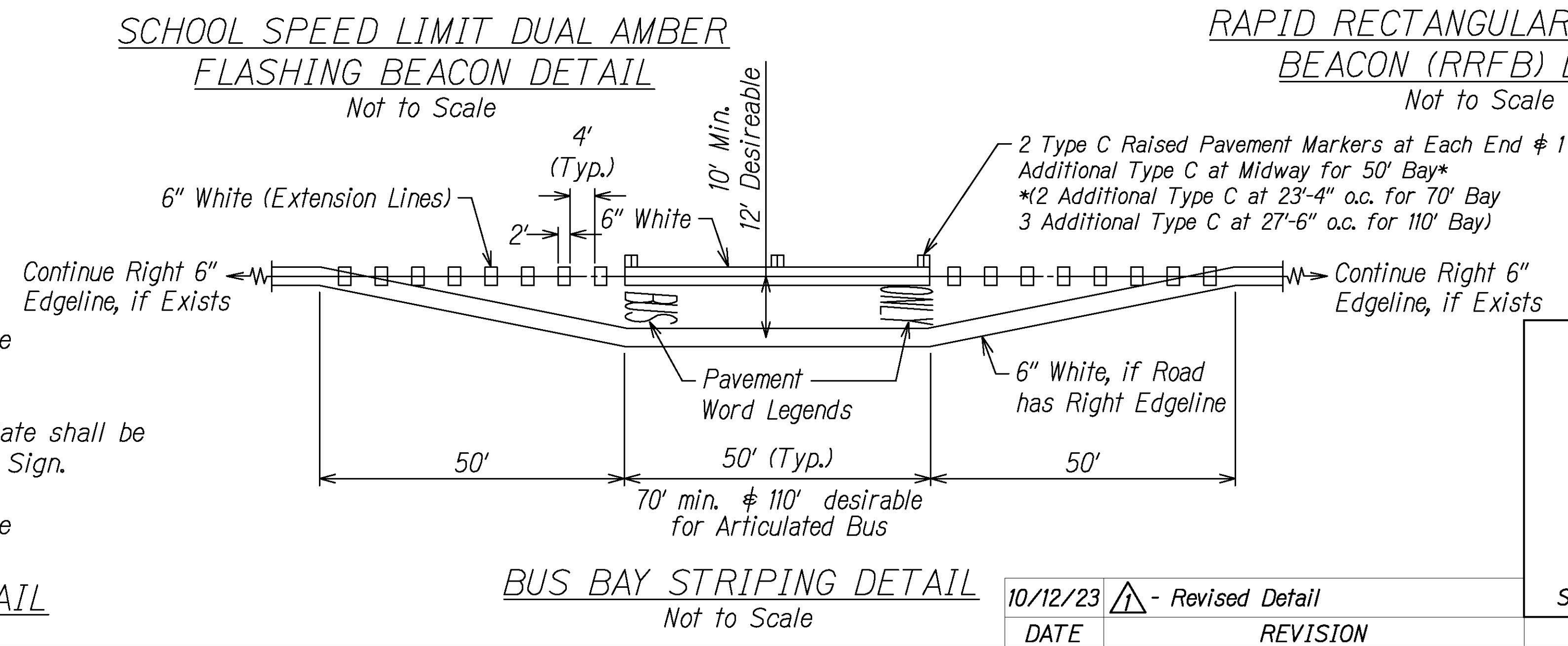
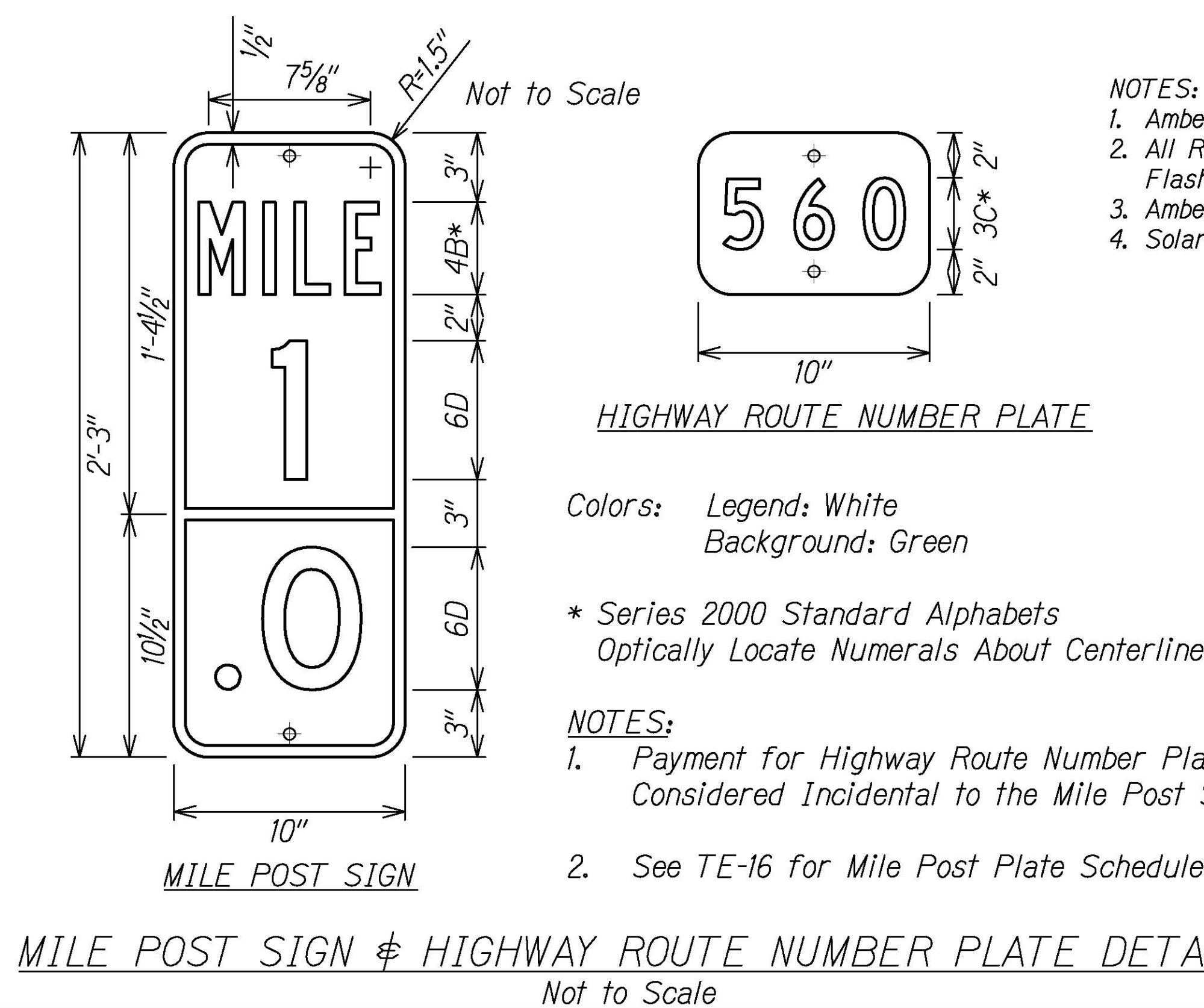
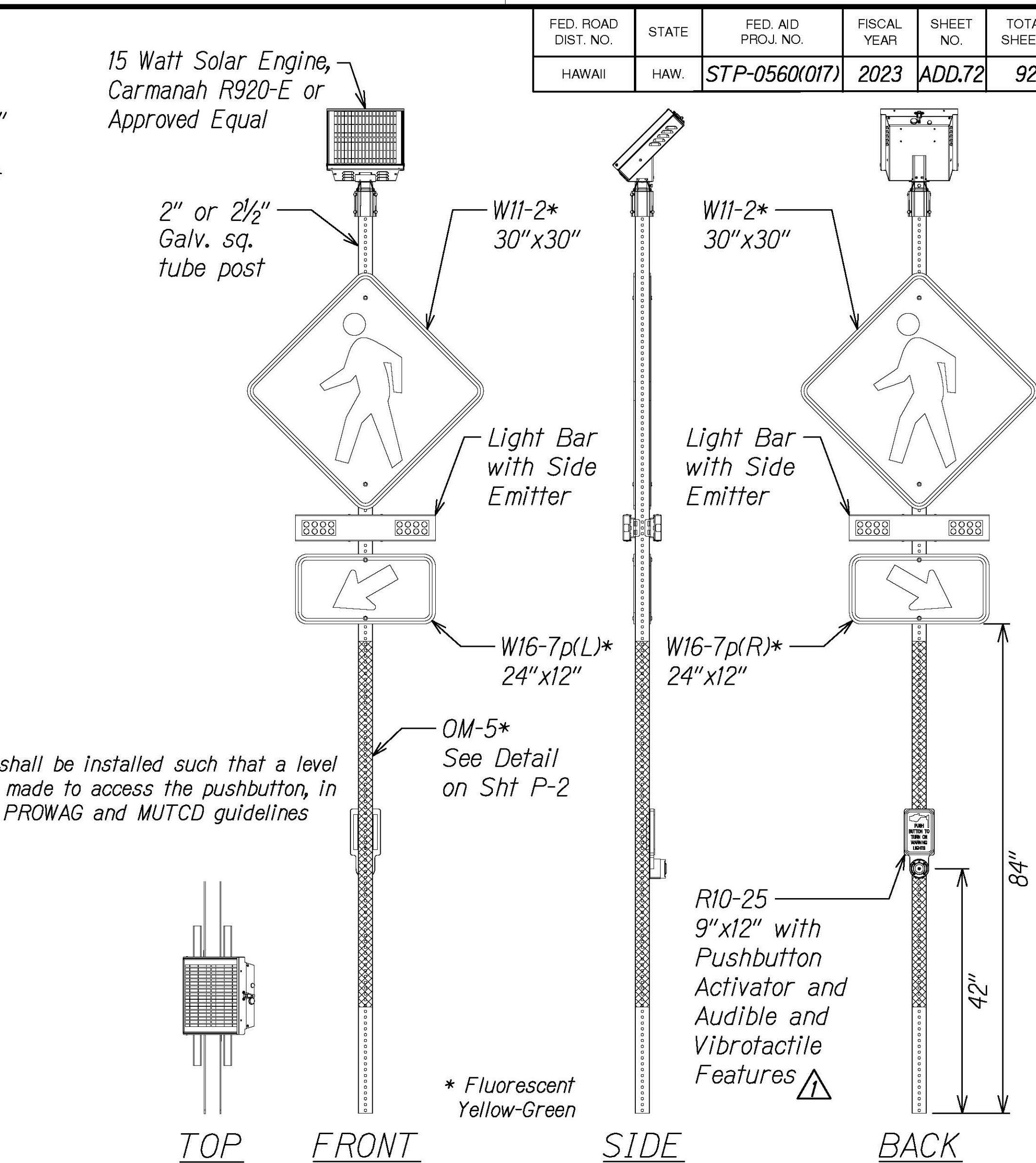
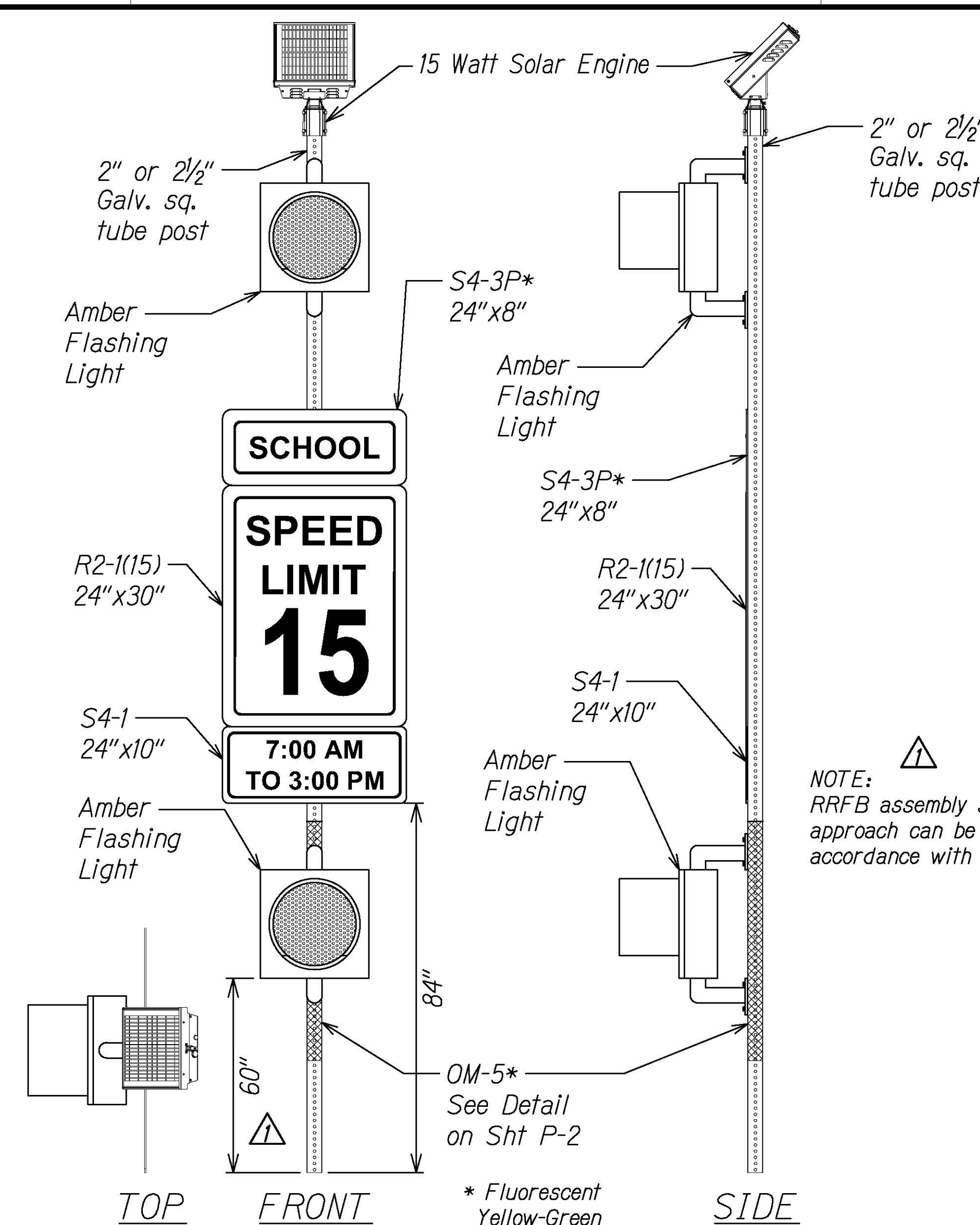
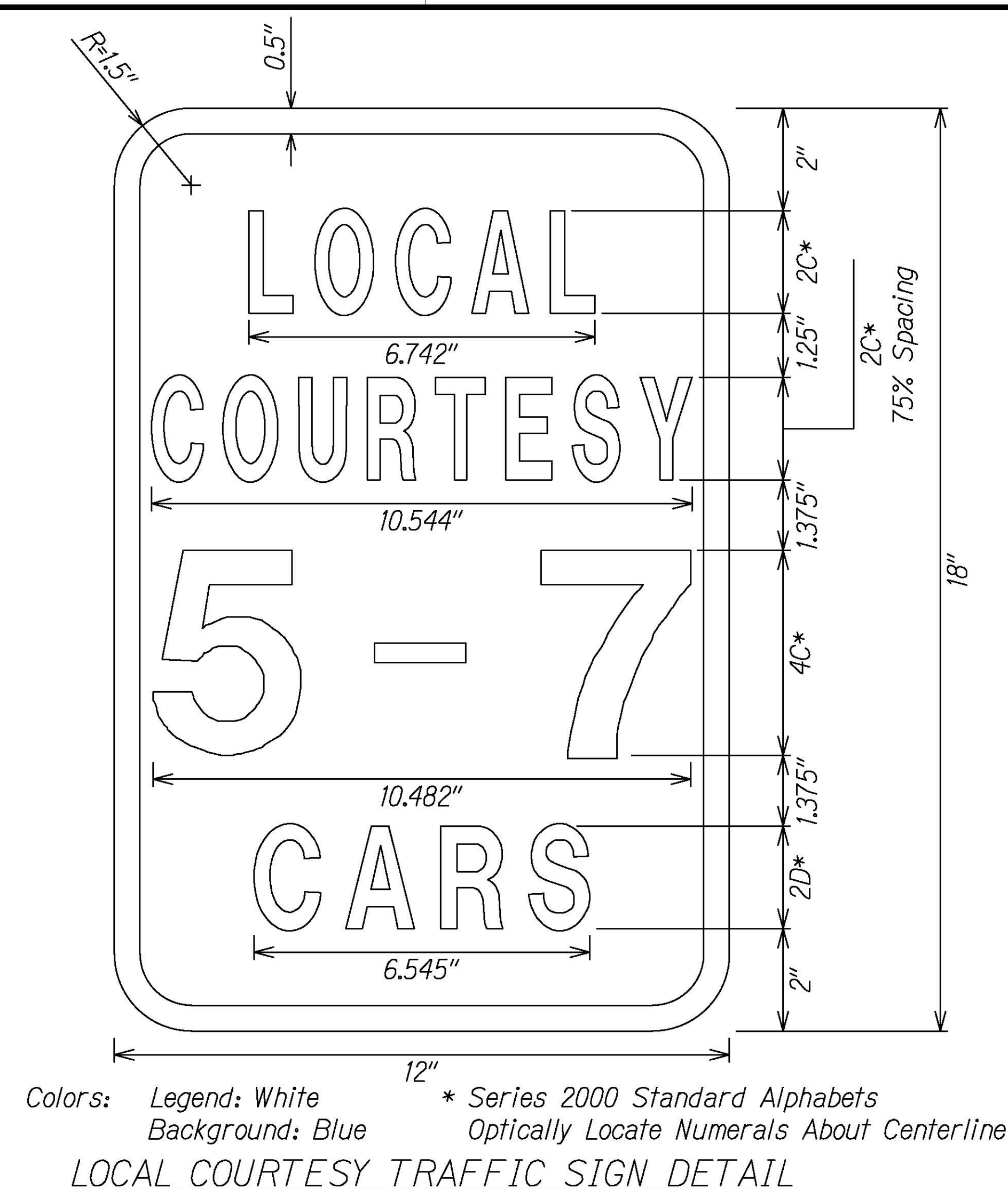
PAVEMENT MARKING
NOTES & DETAILS
KUHIO HIGHWAY RESURFACING
AND SAFETY IMPROVEMENTS
Route 560 M.P. 0.0 to M.P. 4.5
Fed. Aid Proj. No. STP-0560(017)

Scale: Not to Scale
Date: July, 2023

SHEET No. P-2A OF 20 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0560(017)	2023	ADD.72	92



10/12/23	1 - Revised Detail
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
NOTES & DETAILS

KUHIO HIGHWAY RESURFACING
AND SAFETY IMPROVEMENTS
Route 560 M.P. 0.0 to M.P. 4.5
Fed. Aid Proj. No. STP-0560(017)

Scale: Not to Scale Date: July, 2023

SHEET No. P-3A OF 20 SHEETS

