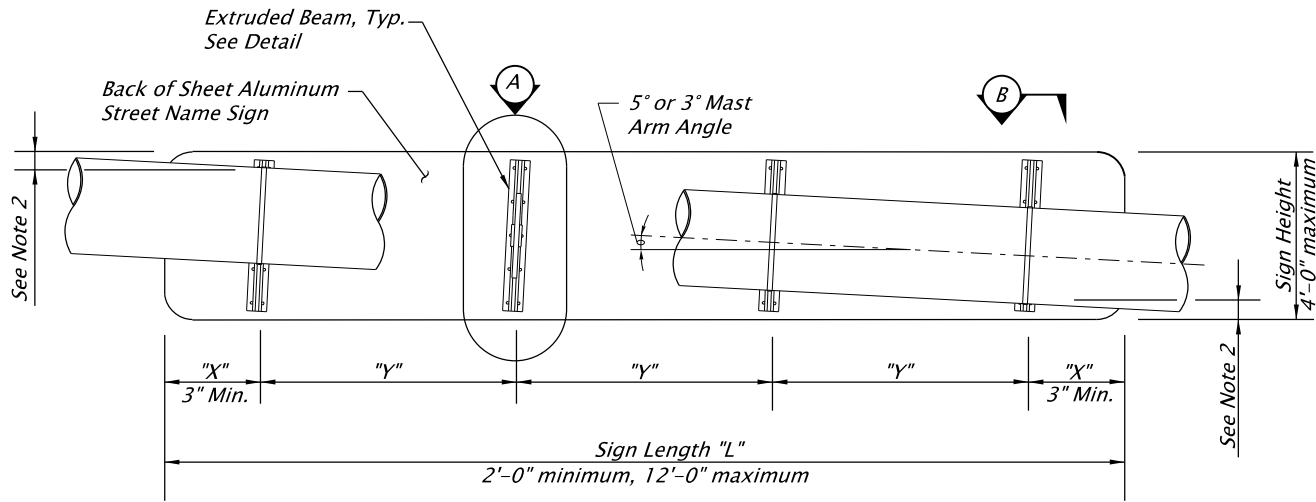
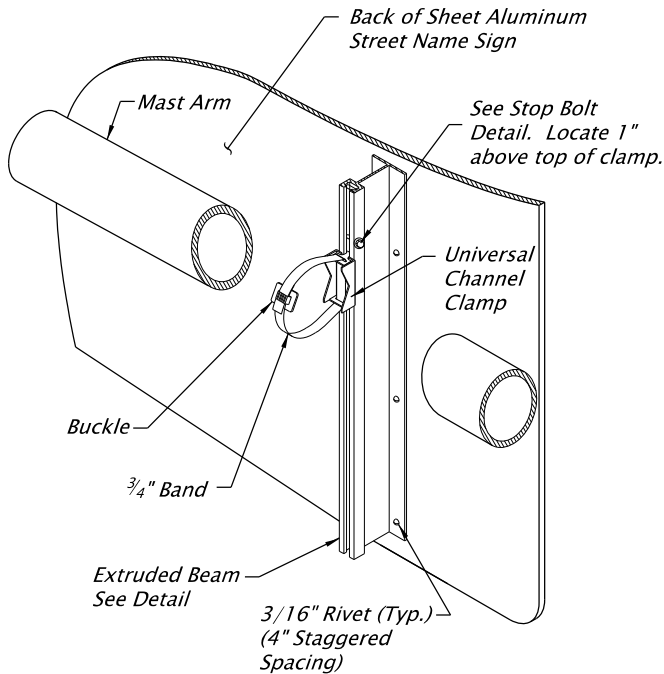




Mast Arm Street Name Mount Requirements			
Sign Length "L"	Maximum Edge Distance "X"	Maximum Support Spacing "Y"	Number of Extruded Beam Locations
"L" greater than or equal to 2'-0" and "L" less than or equal to 4'-0"	"L"/4	"L"/2	2
"L" greater than 4'-0" and "L" less than or equal to 8'-0"	1'-0"	3'-0"	3
"L" greater than 8'-0" and "L" less than or equal to 10'-0"	1'-0"	2'-8"	4
"L" greater than 10'-0" and "L" less than or equal to 12'-0"	1'-0"	2'-6"	5

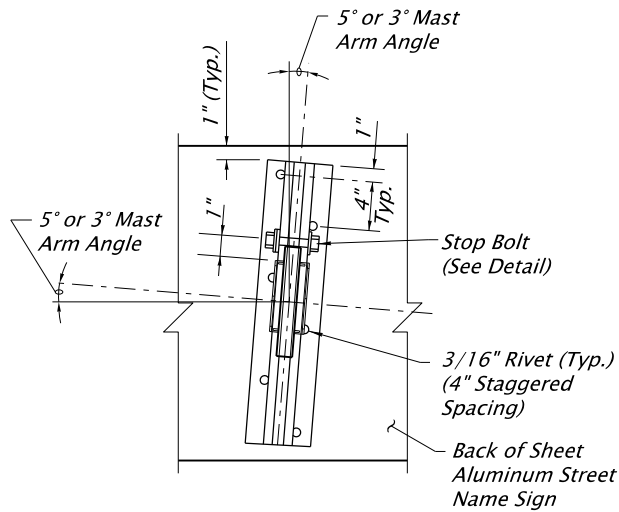
MAST ARM STREET NAME SIGN MOUNT

No Scale



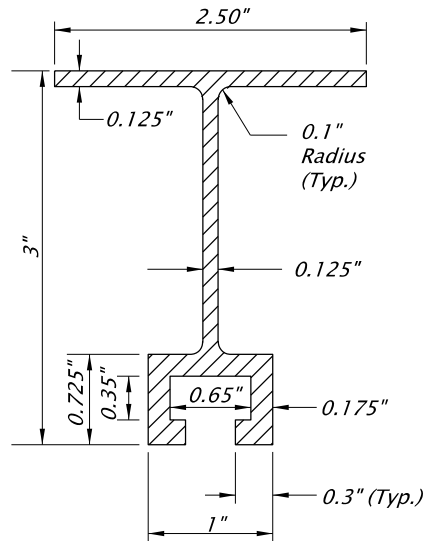
TYPICAL MAST ARM INSTALLATION

No Scale



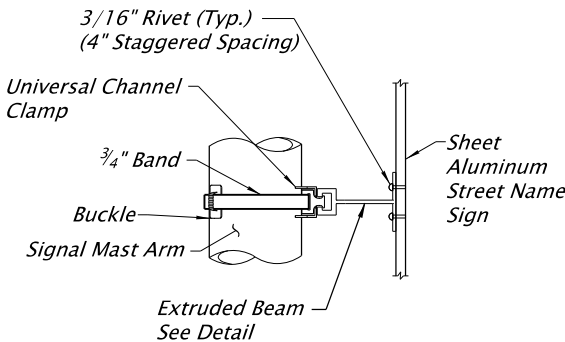
DETAIL A

No Scale



EXTRUDED BEAM DETAIL

No Scale

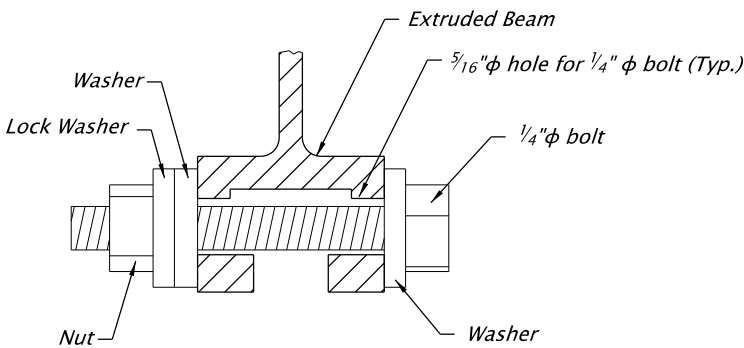


DETAIL VIEW B

No Scale

GENERAL NOTES:

1. Physical fit of the sign must be verified. The edges of the street name sign shall not be within 6" of other signs or the mast arm connection flanges.
2. Equal spaces top and bottom.
3. The top of the street name sign shall be leveled.
4. Extruded Beams are to be set at an angle perpendicular to the mast arm.
5. Material for extruded beam shall be ASTM B 221 6061-T6 Aluminum.
6. Material for 3/4" Band shall be 3/4" wide, 0.03" thick, and ASTM A 666, Type 201 Stainless Steel.
7. Material for the Sign Bracket, Universal Channel Clamp, and buckle shall be ASTM A 666, Type 201 Stainless Steel.
8. Existing signal poles must be analyzed to verify that the pole and foundation can support the new street name sign loading. See TM650 and TM655 for allowable street name sizes on new installations.
9. Mounts are designed in accordance with the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals LRFD 1st edition with 2022 interim revisions and ASD 6th edition with 2025 interim revisions.
10. The design LRFD Ultimate 3 second gust wind speed is 145 mph and the design ASD 3 second gust wind speed is 110 mph. The sign drag coefficient Cd is 1.2 and the maximum distance above the surface is 25 feet.



1. All hardware to be Type 316 Stainless Steel.
2. Locate 1" above the top of the Universal Channel Clamp.

STOP BOLT DETAIL

No Scale

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
2024			
DATE	REVISION	DESCRIPTION	
01-2026	SIGN HEIGHTS WERE 30" FOR 8' AND LESS LENGTHS AND 21" FOR SIGNS GREATER THAN 8' AND LESS THAN OR EQUAL TO 12'. ADDED AASHTO LRFD, AASHTO ASD, WIND SPEEDS, CD, AND DISTANCE ABOVE SURFACE.		
CALC. BOOK NO. - - - N/A - - -		SDR DATE - 13-JAN-2026 -	TM679