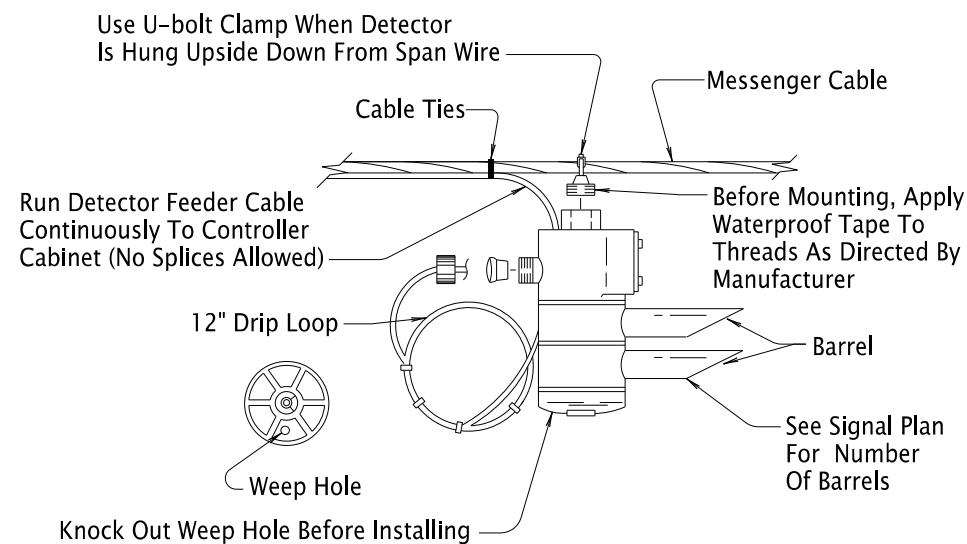
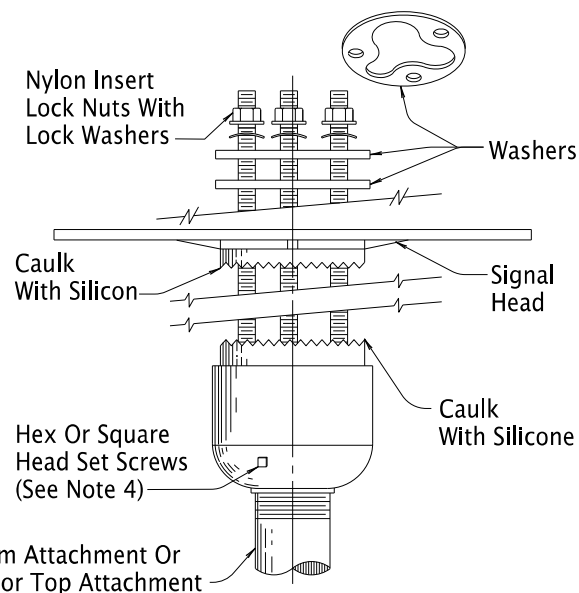


TM456.dgn



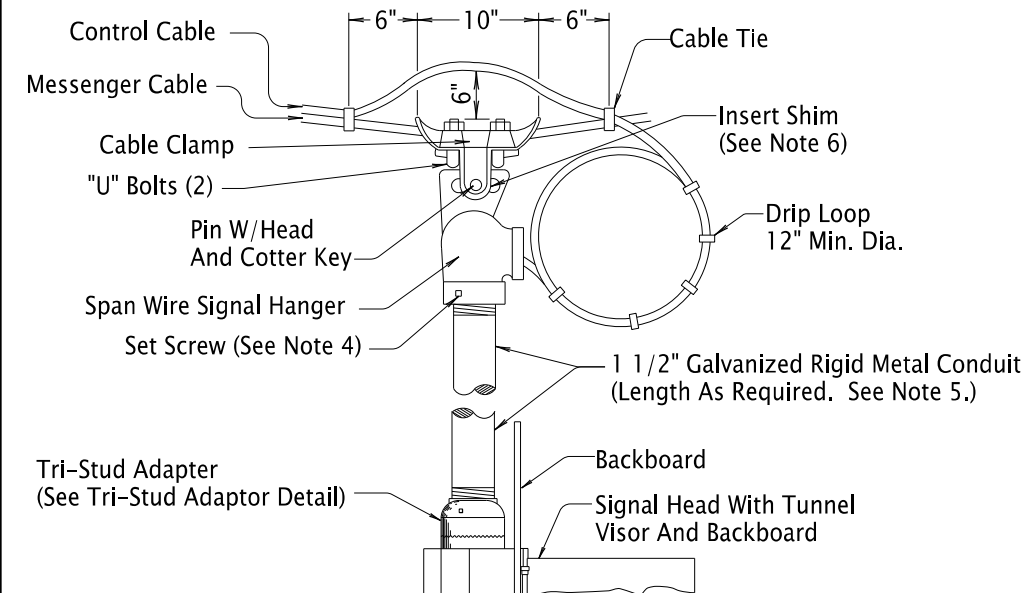
FIRE PREEMPTION INSTALLATION

(Emitter Units For Vehicles Provided By Others)

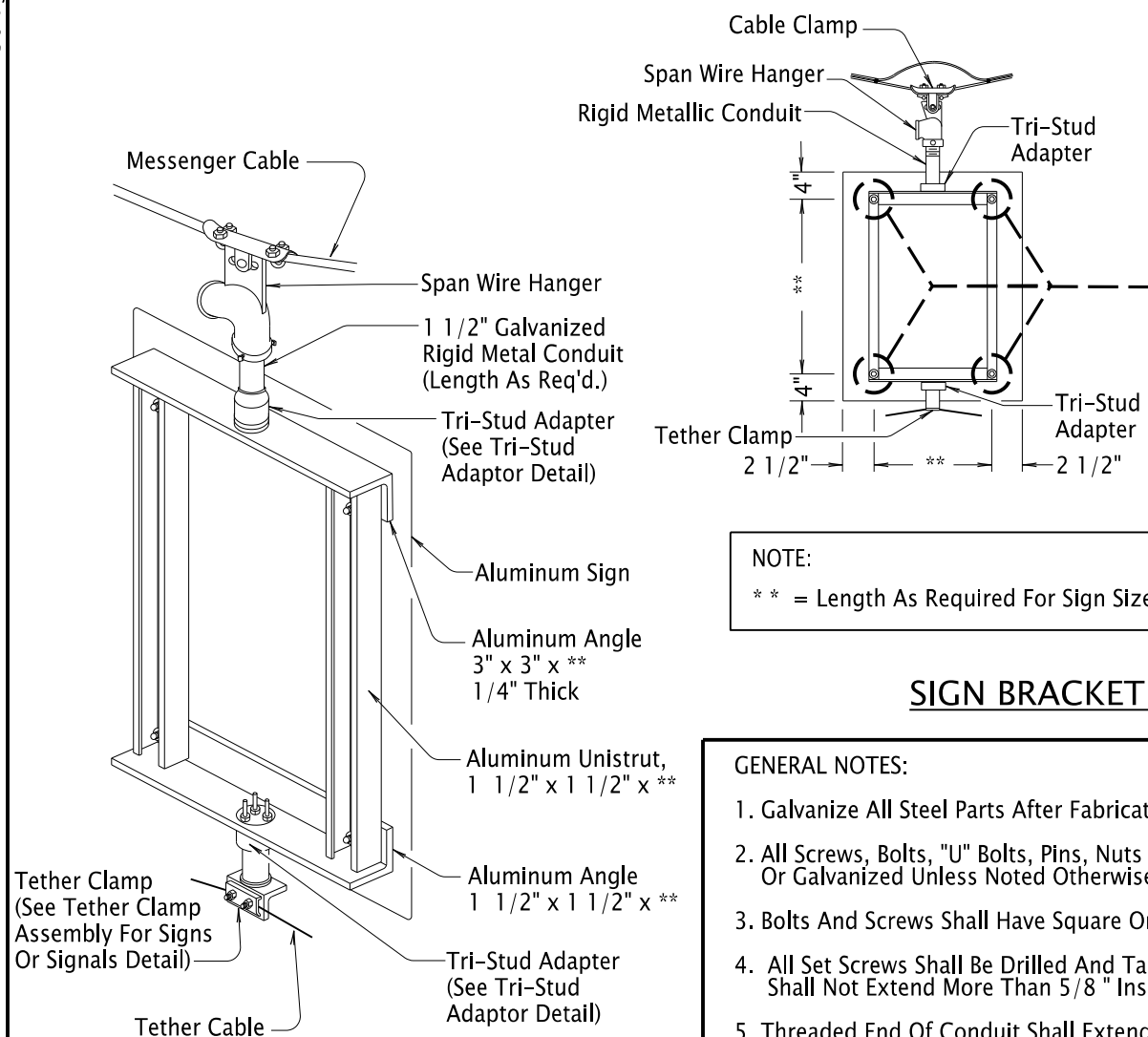


TRI-STUD ADAPTOR DETAIL

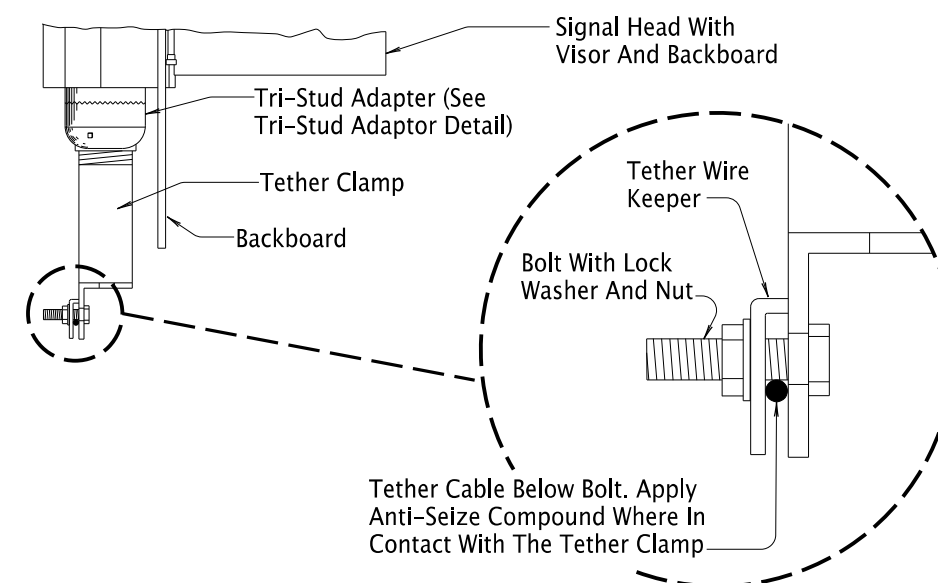
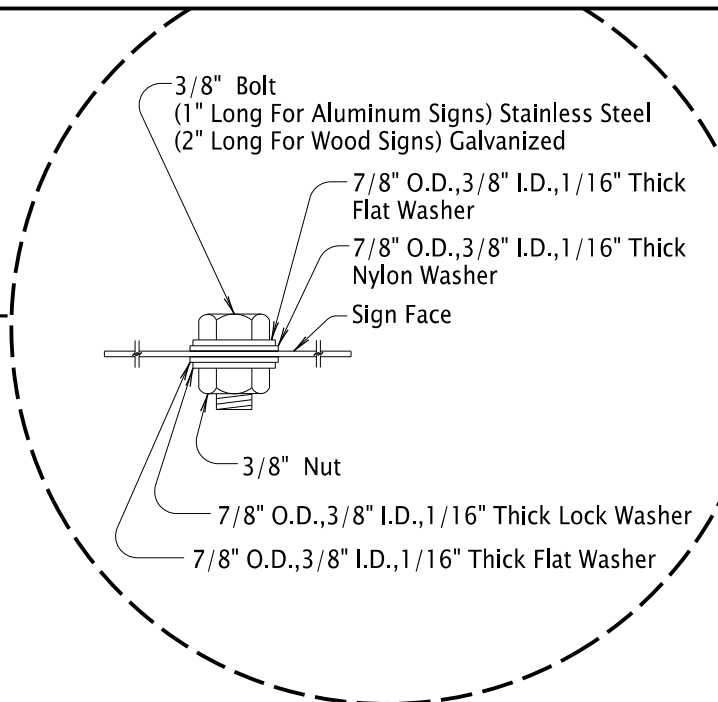
(Bottom Attachment Shown, Rotate 180 Degrees For Top Attachment)



MESSANGER CABLE ATTACHMENT FOR SIGNAL OR SIGNS



SIGN BRACKET (TYPE "A", SPANWIRE INSTALLATION)



TETHER CLAMP ASSEMBLY FOR SIGNALS OR SIGNS

GENERAL NOTES:

1. Galvanize All Steel Parts After Fabrication.
2. All Screws, Bolts, "U" Bolts, Pins, Nuts And Washers Shall Be Type 304 Or 316 Stainless Steel Or Galvanized Unless Noted Otherwise.
3. Bolts And Screws Shall Have Square Or Hex Heads. Allen Head Fasteners Not Allowed.
4. All Set Screws Shall Be Drilled And Tapped Through The First Wall Of Conduit/Tether Clamp. Set Screw Shall Not Extend More Than 5/8 " Inside Conduit And Be Installed With Anti-Seize Compound.
5. Threaded End Of Conduit Shall Extend A Minimum Of 5/8" Into Span Wire Signal Hanger.
6. Install Shim Between Cable Clamp And Span Wire Hanger To Eliminate Excess Movement Yet Allow For Moderate Sway.

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
TEMPORARY
SPANWIRE MOUNTING DETAILS FOR
VEHICLE SIGNALS, SIGNS, &
FIRE PREEMPTION
2024

DATE		REVISION DESCRIPTION	
07-2023		CHANGED TO ANTI-SEIZE COMPOUND FOR TETHER CLAMP, CHANGED NOTE 2.	
CALC. BOOK NO. - - - N/A - - -		SDR DATE - 14-JUL-2023	TM456

Effective Date: June 1, 2026 – November 30, 2026