

**STATE OF ALASKA ITB NUMBER 2524H041**  
**AMENDMENT NUMBER One**

***AMENDMENT ISSUING OFFICE:***



Department of Transportation & Public Facilities  
Statewide Contracting & Procurement  
P.O. Box 112500  
(3132 Channel Drive, Room 350)  
Juneau, Alaska 99811-2500

**THIS IS NOT AN ORDER**

**DATE AMENDMENT ISSUED: April 11, 2024**

**ITB 2524H041 Traffic Sign Material**

This is a **NON-MANDATORY** return Amendment. The purpose of this amendment is to answer the following questions.

**Question:** Is it necessary to bid on all Lots, i/e. may we only bid Lots 6 and 7 and exclude Lots 1-5?

**Answer:** Please see section 4.12.

**Question:** What is the difference between #-1b Fixed Legend Sign (Orange) and #-2d Orange Background Signs? Is item #-1b a standard construction e.g. W20-7 Flagger (sym.)> Is item #2d considered a special construction sign?

**1. Answer:** The difference between a 1B Fixed Legend Sign and a 2D Orange Background Sign lies in their purpose and design. Let's break it down: **1B Fixed Legend Sign:**

- **Purpose:** These signs convey specific messages or regulations to road users. They have a **fixed** message or legend that remains constant.
- **Examples:** Regulatory signs (such as speed limits, stop signs, and yield signs) fall into this category.
- **Design:** The legend is consistent and unchanging. These signs typically have a white background with black or red text and symbols.

**2. 2D Orange Background Sign:**

- **Purpose:** These signs are used for **variable messages** or situations where the information needs to change. They allow for flexibility in conveying different messages.
- **Examples:** Variable message signs (such as those displaying traffic conditions, lane closures, or construction warnings) fall into this category.
- **Design:** The orange background indicates that the sign contains variable information. The actual content (legend, symbols, or messages) can change based on specific conditions.
- Remember that both types of signs must adhere to the Alaska Traffic Manual (ATM) and the Alaska Sign Design Specifications (ASDS). The ATM provides standards for traffic control devices, while the ASDS defines sign layout standards for Alaska Public Highways<sup>1</sup>. So whether it's a fixed legend or a variable message, these signs play a crucial role in guiding road users safely.

**Question:** Do the materials -sheet aluminum, hardware, bracing, etc, need to be Buy America compliant.

**Answer:** This is not a Federal Procurement, so that doesn't apply.

**Question:** The referenced Standard Drawings S-00.10 and S-01.00 do not exist, is it intended to reference Std. Dwg S-00.12 Sign Framing and Post Spacing and Std. Dwg. S-01.02 Bracing for Signs Mounted on Single Pole?

**Answer:** Yes, you are correct.

**Question: Description of Work: 8. Wind Bracing: Lots 6 through 7. References Attachment A, "Signs must be constructed with wind braces when required per Attachment A. The Contractor must also supply all brackets, clips, bands, nuts, bolts, rivets and washers as needed for attaching the frame to the sign.", do mean to reference Std. Dwg. S-01.02 "BRACING FOR SIGNS MOUNTED ON SINGLE POST"? Attachment A details sign framing not bracing.**

**Answer: Yes, we are referring to S-01.02 I have attached it for your convenience.**

**Question: We are an Alaskan based business manufacturing traffic signs (permanent and temporary) for state projects and contractors, but we are not enrolled in the Alaska Product Preference Program are we able to apply the Alaska Product Preference to our bid?**

**Answer: Please see Section 4.07.**

Signature:

*Cherish Petrenchak*

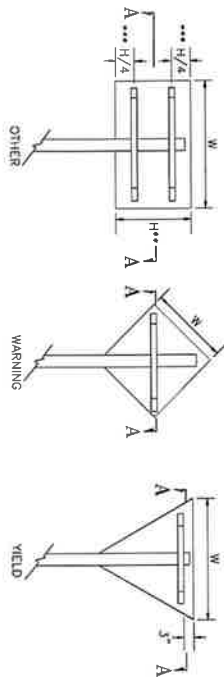
Date: April 11/24

Name:

Cherish Petrenchak

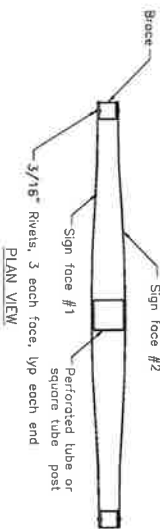
Title:

Procurement Specialist II

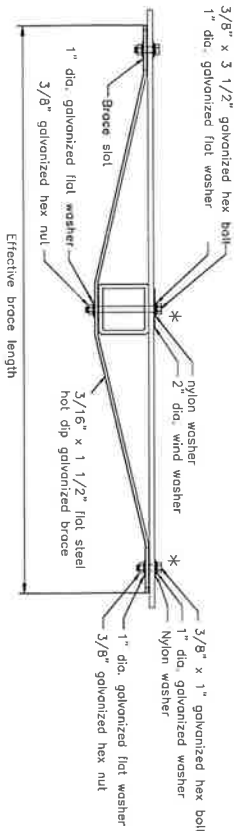
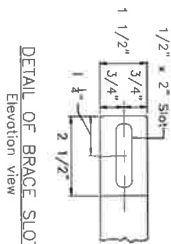
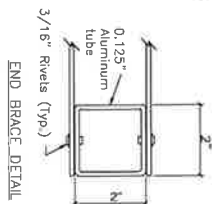
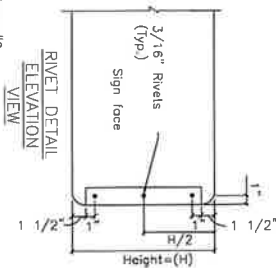


- \*\*\* Use one brace when  $H \leq 18'$   
Use two braces when  $18' < H < 48'$   
Use three braces when  $H \geq 48'$
- \*\* Position of brace may be varied to match  
Predrilled mounting holes in panel

SIGN BRACING PLACEMENT



SMALL STREET NAME SIGN (D3-1, D3-1A, D3-1D) BRACING DETAILS



TUBE POST SIGN BRACING SECTION A-A

Plan view

Sign Width(W)	Effective Brace Length
30"	Warning 36"
36"	Yield 24"
42"	Other 24"
48"	Two posts 30"
48"	Two posts 36"
48"	Two posts 42"

< 30" No bracing required and use square tube

\* Adjust location of bracing so that bolts and washers will miss the sign legend

Note: Drawing not to scale

State of Alaska DOT&P  
ALASKA STANDARD PLAN  
BRACING FOR SIGNS  
MOUNTED ON SINGLE POST

Adopted as an Alaska  
Standard Plan by: *Carey Moorehouse*  
Chief Engineer  
Adoption Date: 7/17/2020  
Last Code and Sign Review  
By: WTH Date: 7/8/2020  
Next Code and Standard Review Date: 7/8/2030

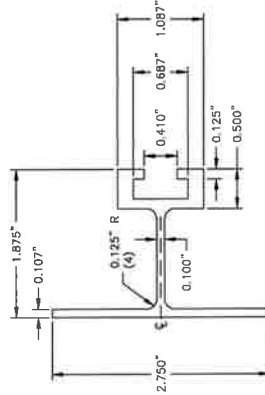
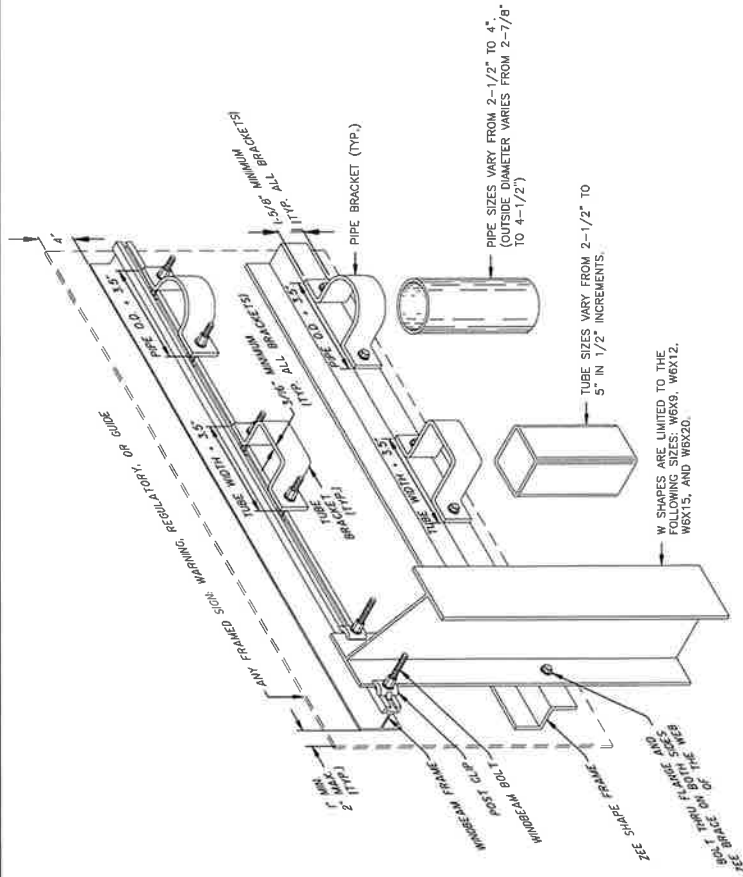
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA				

# NOTES:

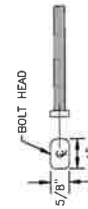
1. ATTACH FRAMED SIGNS TO POSTS WHEREVER THE FRAMES CROSS THE POSTS. AT EACH CROSSING, ATTACH THE SIGN USING TWO POST CLIPS ON W-SHAPE POSTS. A U-SHAPED BRACKET ON PIPES OR A BRACKET WITH SQUARE CORNERS ON TUBES.
2. THE TUBE BRACKETS USED ON EVEN INCH SIZE TUBES MAY ALSO BE USED ON TUBES 1/2" SMALLER IN SIZE.
3. THE BRACKET DETAILS SHOWN INDICATE GENERAL DESIGNS ONLY. DESIGNS MAY VARY BY MANUFACTURER.
4. ALUMINUM ALLOY 6061-T6 SHALL BE USED FOR ZEE SHAPE FRAMING, EXTRUDED WINDBEAM, AND RIVETS.
5. ATTACH SIGNS TO WINDBEAM WITH 3/16" RIVETS AT 4" STAGGERED SPACING.
6. EACH FRAMING MEMBER SHALL BE ONE CONTINUOUS PIECE.

## NOTES TO DESIGNER:

1. USE THESE DETAILS INSTEAD OF STANDARD PLAN S-20.11.



EXTRUDED ALUMINUM WINDBEAM



3/8" WINDBEAM BOLT



TSM407