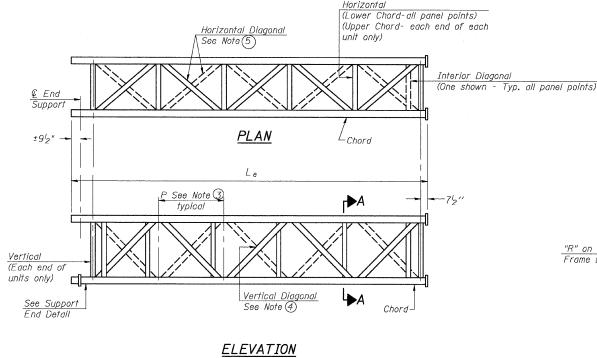


ELEVATION TYPICAL INTERIOR UNIT

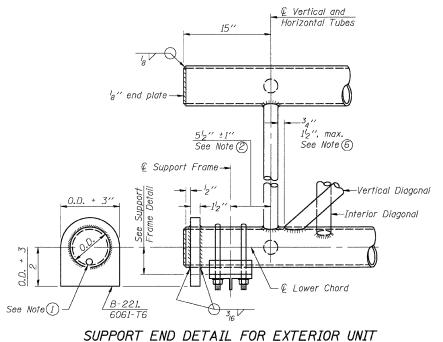
Even number of panels/interior unit required.



TYPICAL EXTERIOR UNIT Even or odd number of panels/exterior units allowed.

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REVISION DATE



∟Upper Front Chord Interior Diagonal Upper Back Chord --@ Truss & @ Sign "R" on Support Frame Details Reverse direction of interior diagonals at alternate panels. Sign Panel - See sign panel sheet for details. Lower Back Chord-Type I-A 4'-0" Type II-A 4'-6" Type III-A 5'-0" -Lower Front Chord

"T" on Support Frame Details

SECTION A-A

 $\frac{3_4}{1_2}$ ", min. $\frac{1_2}{1_2}$ ", max. —Interior Diagonal See Note 6 Horizontal Detail A Toe edge of 9", max. See Note 6 diagonal member shall be cut back to facilitate throat thickness per AWS D1.1, Fig 3.2 Interior Diagonal TYPICAL JOINT DETAILS DETAIL A

Horizontal -

- Contractor may alternatively use standard aluminum drive-fit cap to close end. $\frac{1}{2}$ " ϕ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- $5\frac{1}{2}$ " end dimension may vary by ± 1 " to provide uniform panel spacing (P).
- Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- 4 Vertical Diagonals in front and back face shall alternate.
- Hidden lines show wind bracing alternates direction between planes of top and
- All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a $\frac{3}{4}$ " minimum to $\frac{1}{2}$ " maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

OVERHEAD SIGN STRUCTURES ALUMINUM TRUSS DETAILS FOR TRUSS TYPES I-A, II-A AND III-A

F.A.I. ROUTE 70, SEC. 60-(5,6,7)RS, 60-(6,7)BR MADISON COUNTY

SHEET NO. 11 19 SHEETS

L	F.A.I RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
	70	60-(5,6,7)RS	, 60-(6,7)BR	MADISON	185	155
				CONTRACT NO. 76C56		
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					