TOTAL SHEETS

425

* (84-9) RS-6; (G)Z

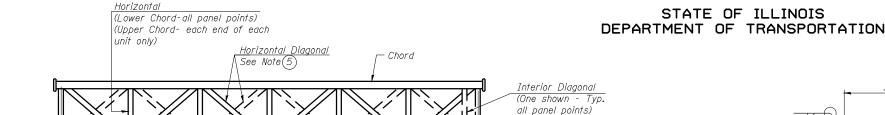
COUNTY

SANGAMON

SHEET NO.

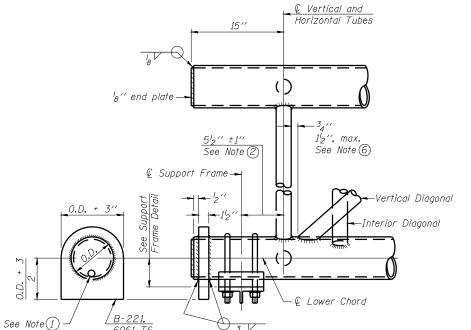
242

DETAIL A



−See Note④

Interior Diagonal



SUPPORT END DETAIL FOR EXTERIOR UNIT

Horizontal - $\frac{3_4^{\prime\prime}$, min. $1_2^{\prime\prime}$, max. —Interior Diagonal See Note (6) Horizontal <u>Horizonta</u> Diagonal Detail A-Chord-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

ROUTE NO.

8071

<u>ELEVATION</u> TYPICAL INTERIOR UNIT

Diagonal

PLAN

Li

<u>P</u> See Note ③

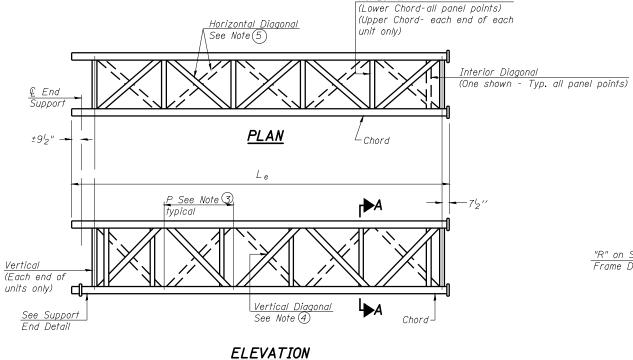
7/2"-

Chord -

<u>Vertical</u> (Each end of

units only)

Even number of panels/interior unit required.



<u>ELEVATION</u> TYPICAL EXTERIOR UNIT

Even or odd number of panels/exterior units allowed.

DESIGNED -		-	20
CHECKED -	EXAMINED		
DRAWN -	PASSED		ENGINEER OF BRIDGE DESIGN
CHECKED -		ENGINEER	R OF BRIDGES AND STRUCTURES
0S-A-2	 6/01/2007		

NUMBER	REVISION	DATE

Interior Diagonal Upper Back Chord Upper Back Chord Interior Diagonal Interior Diagon

SECTION A-A

└ "T" on Support Frame Details

NOTES

-) Contractor may alternatively use standard aluminum drive-fit cap to close end. '5" \$\phi\$ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- 2) $5\frac{1}{2}$ " end dimension may vary by ± 1 " to provide uniform panel spacing (P).
- 3 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.
- 5) Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a $^34^{\prime\prime}$ minimum to $1^l_2{}^{\prime\prime}$ 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

SIGNING DETAIL 6S084I072L097.6 FAI-72, MACARTHUR BLVD