

Horizontal (Lower Chord-all panel points) (Upper Chord- each end of each unit only)

Horizontal Diagonal See Note (5)

Chord

Interior Diagonal (One shown - Typ. all panel points)

PLAN

L I

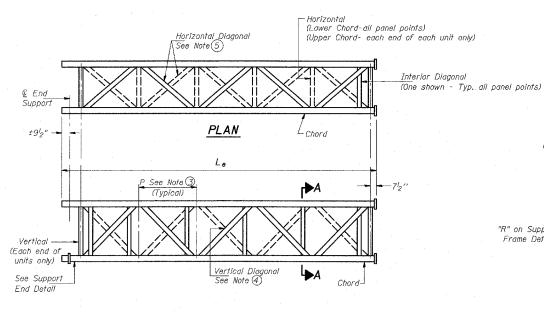
Vertical (Each end of units only)

## <u>ELEVATION</u> TYPICAL INTERIOR UNIT

Diaaonal

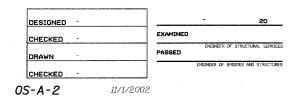
**4**▶A

Even number of panels/interior unit required.



## <u>ELEVATION</u> TYPICAL EXTERIOR UNIT

Even or odd number of panels/exterior units allowed.



Chord-

L	NUMBER	REVISION	DAIL
. [			
ı			
ı		***************************************	
ı			
H			
ŀ			
L			

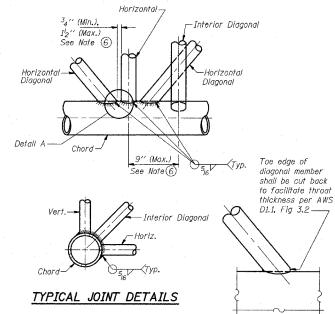
-Interior Diagonal

## See Note © Support Frame C. Vertical and Horizontal Tubes 15" 12" (Max.) See Note © C. D. + 3" C. Lower Chord

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

See Note(1)

SUPPORT END DETAIL FOR EXTERIOR UNIT



NOTES

- Contractor may alternatively use standard aluminum drive-fit cap to close end.  $\frac{1}{2}$ "  $\phi$  drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ②  $5_2^{\prime\prime}$  end dimension may vary by  $\pm 1^{\prime\prime}$  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.
- 6 All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a <sup>3</sup>/<sub>4</sub>" minimum to ½" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

Upper Front Chord Interior Diagonal Upper Back Chord r-⊈ 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" Туре III-A 5'-0'' -Lower Front Chord L"T" on Support Frame Details

SECTION A-A

REVISIONS I DATE F./

DETAIL A

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

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

SCALE: AS NOTED
DATE: MARCH 18, 2005

DRAWN BY: AMB
CHECKED BY: TB

TYLININTERNATIONAL