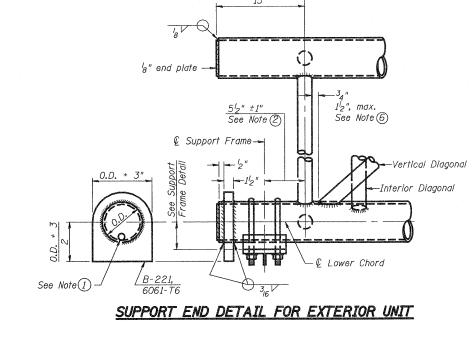
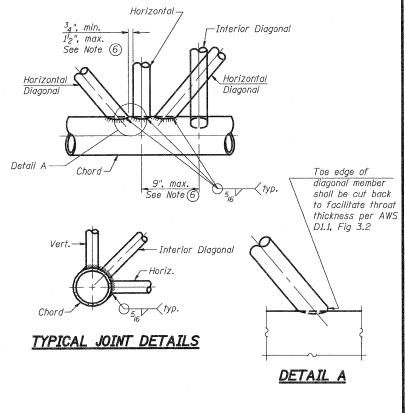
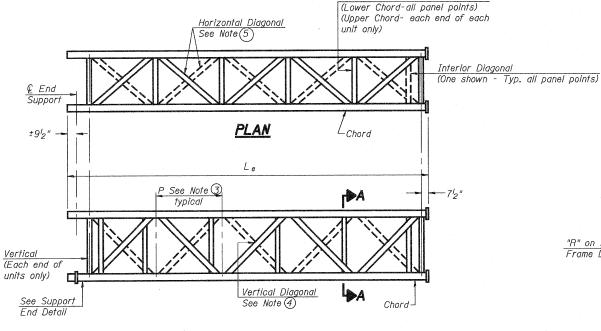
Horizontal (Lower Chord-all panel points) DEPARTMENT OF TRANSPORTATION (Upper Chord- each end of each unit only) Horizontal Diagonal See Note(5) - Chord Interior Diagonal (One shown - Typ. all panel points) PLAN Li P See Note 3 71/2" -See Note 4 7/2" <u>Vertical</u> (Each end of units only) Vertical Diagonal Interior Diagonal Chord-**ELEVATION** TYPICAL INTERIOR UNIT Even number of panels/interior unit required.



Horizontal Tubes

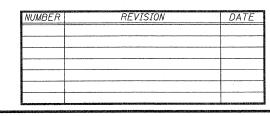
STATE OF ILLINOIS







DESIGNED - ESW JWS CHECKED -DRAWN CHECKED 0S-A-2 12-1-08



¬Upper Front Chord Interior Diagonal Upper Back Chord -€ Truss & € Sign "R" on Support Frame Details уре 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 L"T" on Support Frame Details

SECTION A-A

- 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.
- Vertical Diagonals in front and back face shall alternate.
- 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 \$\frac{3}{4}\$" minimum to \$1\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

TOTAL SHEET SHEETS NO. SECTION COUNTY SHEET NO. 13 1416 365 57∠70 (25-3)REFFINGHAM SHEETS CONTRACT NO. 74296 33 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT