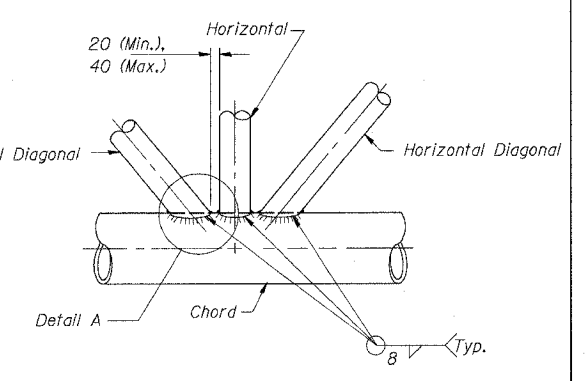
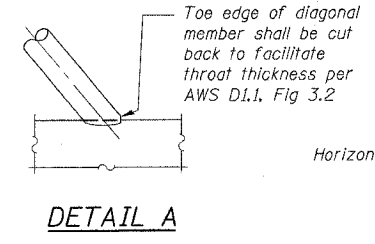
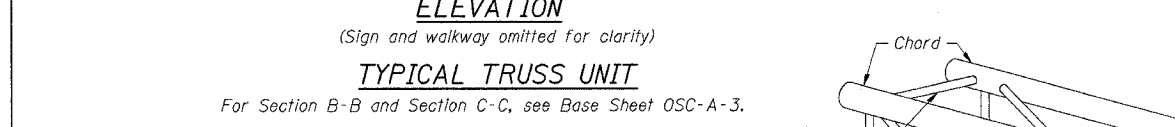
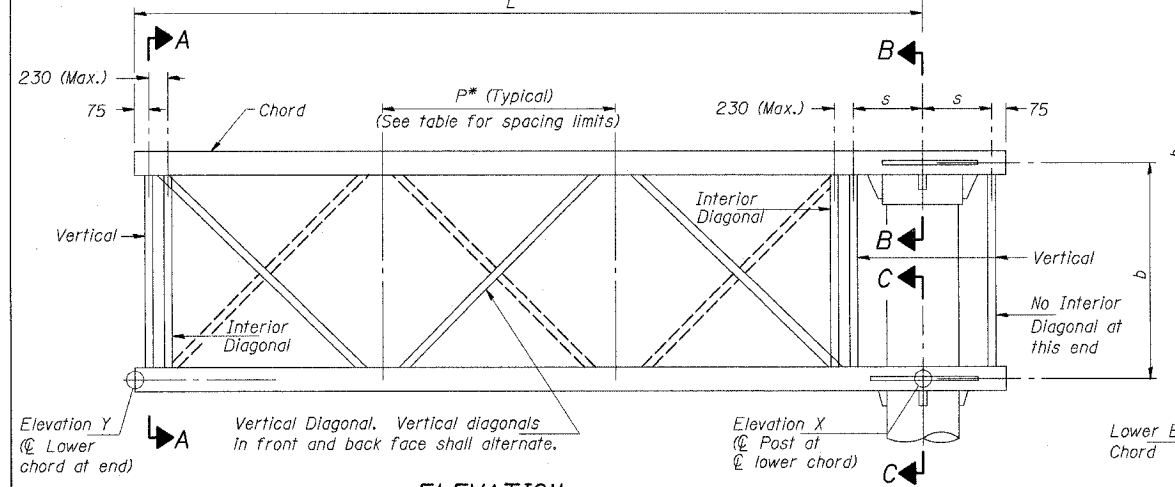
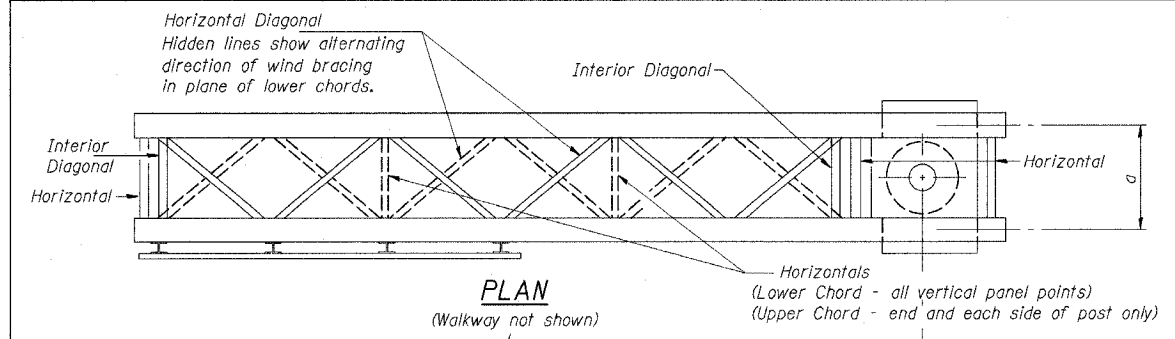
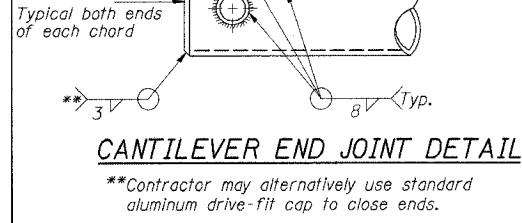
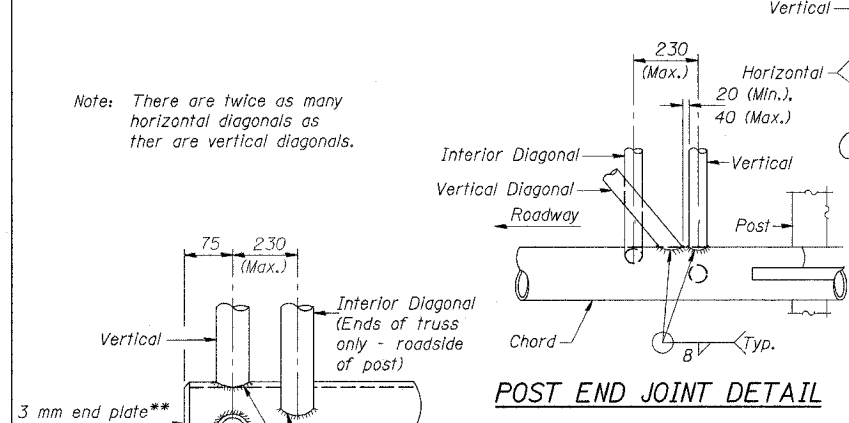


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	870	336
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• (0203.1 & 0312-708W) R-3		CONTRACT # 62108		



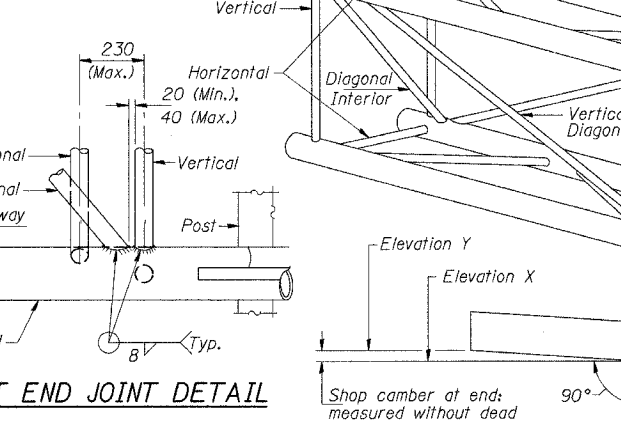
All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 20 mm minimum to 40 mm maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

Structure Number	Truss Type	Design Length (L)	Number of Panels Per Unit	Panel Length (P)*
IC0161094L074.2	II-C-A	8.044	6	1.239
IC0161094R074.3	II-C-A	8.260	6	1.275



**Contractor may alternatively use standard aluminum drive-fit cap to close ends.

OSC-A-2(M) 11/1/2002



SHOP CAMBER TABLE

Unit Length (L)	Shop Camber at End
4.6	40
4.9-5.2	45
5.5-6.1	50
6.4-6.7	60
7.0-7.6	65
7.9-8.2	70
8.5-9.1	76
9.5-9.8	83
10.1-10.7	90
10.8-11.5	102
11.6-12.2	114

CAMBER DIAGRAM
(For Fabrication Only)

Truss Type	Dimension "a"	Dimension "b" (m)	Dimension "s"	Limits for Panel Spacing (P)* (m)	Up. & Low. Chord O.D. Wall	Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals O.D.	Vertical Wall
I-C-A	610	1.37	405	0.915 Min. to 1.22 Max.	127	8	8
II-C-A	915	1.68	535	1.07 Min. to 1.37 Max.	165	8	8
III-C-A (10.7 Max.)	915	2.13	535	1.22 Min. to 1.68 Max.	178	10	10
III-C-A (>10.7 to 12.2)	915	2.13	535	1.22 Min. to 1.68 Max.	203	10	10

TRUSS UNIT TABLE

*P = $\frac{L-s-75}{\# \text{ Panels}}$

NUMBER	REVISION	DATE

CANTILEVER SIGN STRUCTURES TRUSS DETAILS ALUMINUM TRUSS & STEEL POST

REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE

F.A.I. ROUTE 80/94 (INTERSTATE 80/294)
OVERHEAD SIGN STRUCTURES
1-94 WB & 1-94 EB
COOK COUNTY SECTION (0203.1 & 0312.708W) R-3

DESIGNED BY
DATE: March 1, 2005 CHECKED BY

DRAWN BY
CHECKED BY

McDonough Associates Inc.
Engineers / Architects