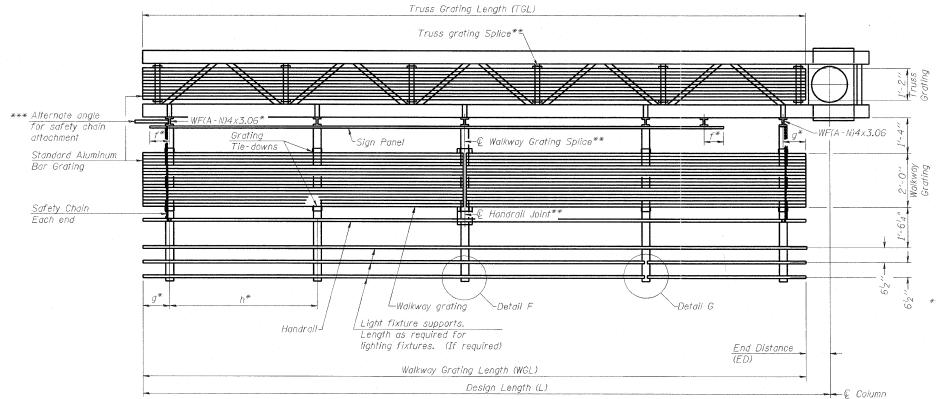


PLAN WALKWAY AND HANDRAIL SKETCH



Structure Number	Station	WGL	ED	TGL .
8C082I070R002.8	69+42.00	18'-0"	7′-0"	18'-0"
A A				
		1		
·				
			-	

- Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:
- $f=12^{\prime\prime\prime}$ maximum, $4^{\prime\prime\prime}$ minimum (End of sign to ${\Bbb C}$ of nearest bracket) $g=12^{\prime\prime\prime}$ maximum, $4^{\prime\prime\prime}$ minimum (End of walkway to ${\Bbb C}$ of nearest bracket)
- h=6'-0'' maximum (ℓ to ℓ sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
- *** If walkway bracket at safety chain location is behind sign, add angle to bracket. See alternate safety chain attachment on base sheet OSC-A-8

For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7.

For details of handrail, handrail joint, safety chain and Details F and G, see Base Sheet OSC-A-8.

SECTION A-A

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead Sign Structure Cantilever.

Handrail and walkway grating shall span a minimum of three brackets between splices.

** Use and location of handrail joints or grating splices are optional, based on lengths needed and material availability.

 $TGL = L - (\frac{Post \ O.D.}{2} + 6'')$

BRACKET TABLE

 WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6				
Sign W	Number			
Greater Than	Less Than or Equal To	Brackets Required		
	8'-0''	2		
8'-0''	14'-0''	3		
14'-0''	20'-0''	4		
20'-0''	26'-0''	5		
26′-0′′	32'-0"	6		

0SC-A-6

7-1-10

FILE NAME =	USER NAME = pkissel	DESIGNED	PMK	REVISED	-	_
\$FILEL\$		DRAWN	PMK	REVISED		
	PLOT SCALE = 3.3673 '/ IN.	CHECKED	MPW	REVISED	-	
·	PLOT DATE = 6/13/2011	DATE	07-01-2011	REVISED	-	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

CANTILEVER SIGN STRUCTURES – ALUMINUM WALKWAY	F.A.I. SECTION	COUNTY TOTAL SHEET SHEETS NO.
DETAILS - ALUMINUM TRUSS & STEEL POST	64/998 82-1-B-2	ST. CLAIR 399 120
DETAILS - ALCOHOLOUI THOSE & STEEL 1881		CONTRACT NO. 76C76
SCALE: N/A SHEET NO. 6 OF 10 SHEETS STA. N/A TO STA. N/A	FED. ROAD DIST. NO. ILLINOIS FED. AI	ID PROJECT