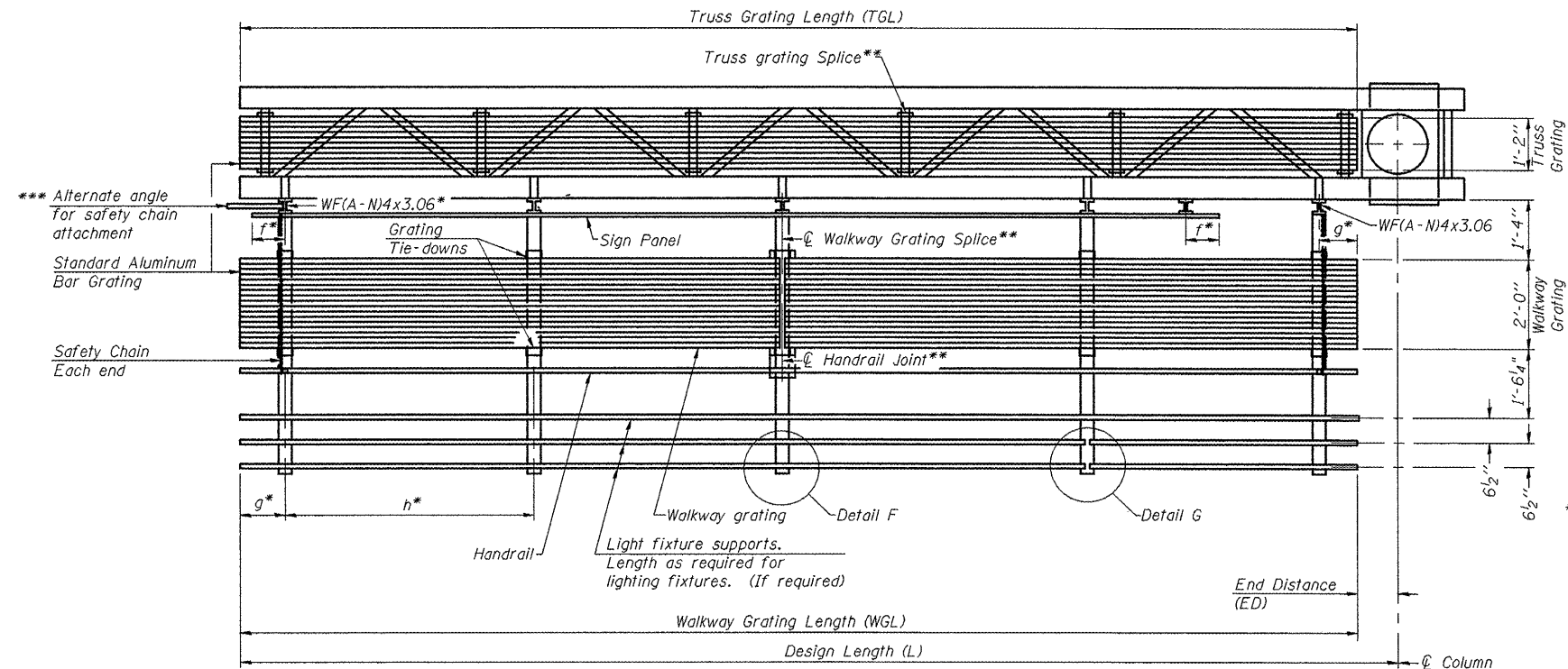


Walkway and truss grating dimensions are nominal and may vary (width  $\pm 1/2$ " , depth  $\pm 1/2$ " ) based on available standard widths.



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.

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

Structure Number	Station	WGL	ED	TGL
5 C 020 1074 R155.62	657+53	17'-0"	11'-0"	26'-6"

Notes:  
 \* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:  
 f = 12" maximum, 4" minimum (End of sign to  $\phi$  of nearest bracket)  
 g = 12" maximum, 4" minimum (End of walkway to  $\phi$  of nearest bracket)  
 h = 6'-0" maximum ( $\phi$  to  $\phi$  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.

**BRACKET TABLE**

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

OSC-A-6

9-15-11

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - JAL	REVISED -
ct:\pwwork\pwwork\ceerlockjd\0266557\046179-shr-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / 1"		CHECKED -	REVISED -
PLOT DATE = 10/7/2011		DATE - 04/26/11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - ALUMINUM WALKWAY  
DETAILS - ALUMINUM TRUSS & STEEL POST

SCALE: SHEET NO. 7 OF 10 SHEETS STA. TO STA.

•VARIOUS COUNTIES ••D-5 OVD SIN STR REPL 2012-06				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	Various	178	53
CONTRACT NO. 46179				
ILLINOIS FED. AID PROJECT				