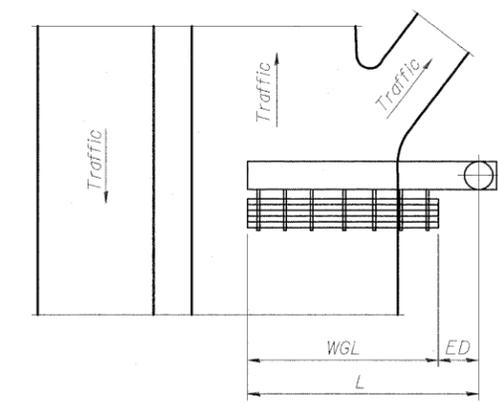
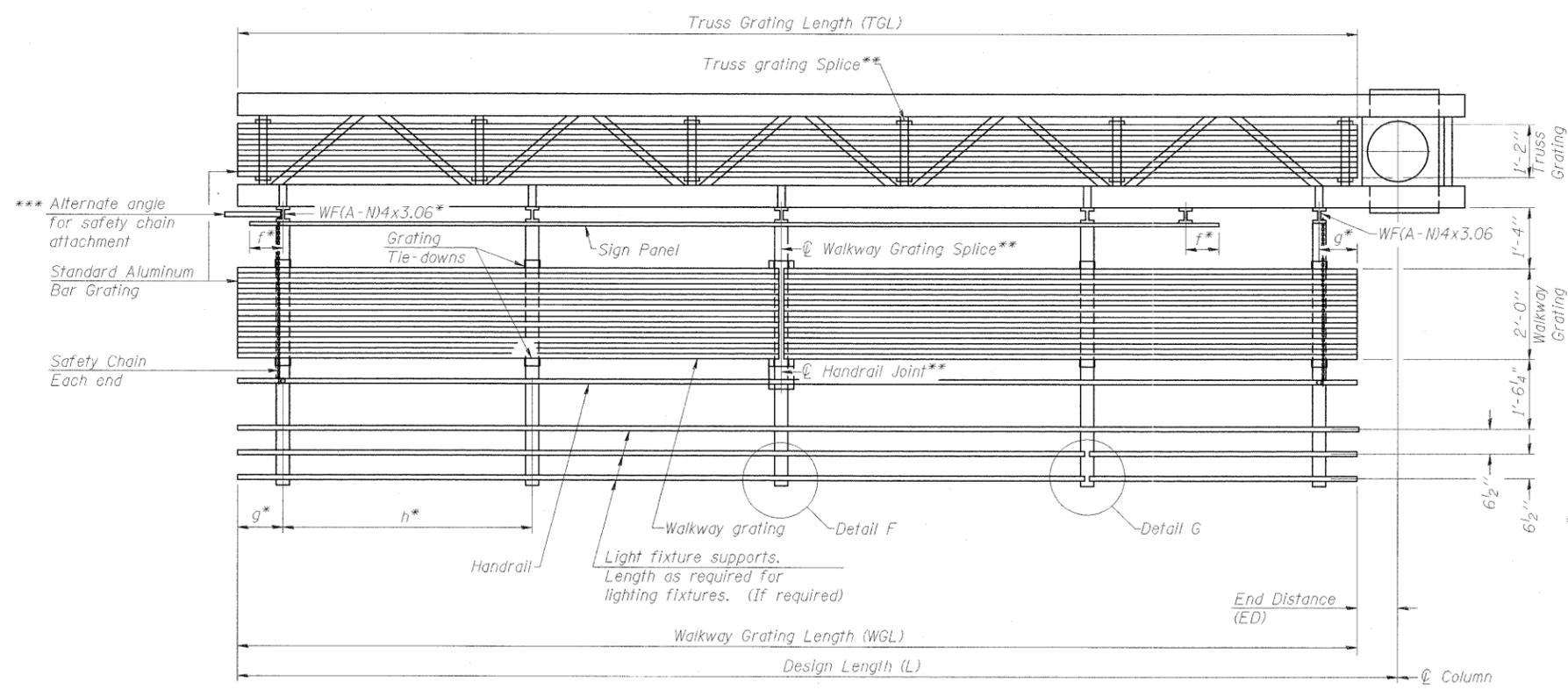


TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.



PLAN
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

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



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.

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

Structure Number	Station	WGL	ED	TGL
9C1001057L054.0	1462+68 (I-57)	16'-0"	16'-0"	30'-6"
9C1001057R053.6	1492+80 (I-57)	12'-6"	14'-6"	25'-6"
9C1001057L053.5	1493+20 (I-57)	15'-0"	12'-0"	25'-6"
9C100L013R000.0	1808+33 (IL 13)	14'-0"	16'-0"	28'-6"
9C100L013L000.1	1819+67 (IL 13)	15'-0"	15'-0"	28'-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 center of nearest bracket)
g = 12" maximum, 4" minimum (End of walkway to center of nearest bracket)
h = 6'-0" maximum (center to center 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"	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 = ...D978182-sht-sign@99-Cantilever-OSC-A-6.dgn	USER NAME = Rob Heady	DESIGNED - JH	REVISED -
PLOT SCALE = 50.0000' / IN.	DATE = 10/07/11	DRAWN - JH	REVISED -
PLOT DATE = 10/7/2011		CHECKED - SD	REVISED -
		DATE = 10/07/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* IXL-6-2HBK-2, HB-1,2; IXL-1JR-1		WILLIAMSON	968	512
* F.A.I. 57 AND F.A.P. 331				CONTRACT NO. 78182
ILLINOIS FED. AID PROJECT				

EFK Moen, LLC
Civil Engineering Design

SCALE: SHEET NO. 6 OF 9 SHEETS STA. TO STA.