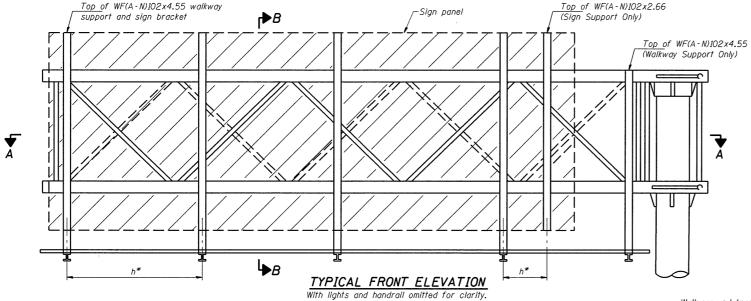
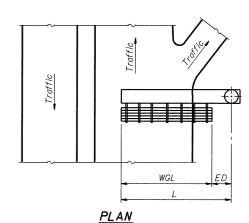
TOTAL SHEET NO. 310 151 F. A. I. RTE. 55 McLEAN FED. AGAD DIST. NO. 7 ILLINDIS FED. AID PROJECT NO. 70757

SHEET NO. 19 24 SHEETS

•(57-4) R, HBY, HBR, (57-4VB) DM



Walkway and truss grating dimensions are nominal and may vary (width ± 13 mm, depth ± 13 mm) based on available standard widths.



WALKWAY AND HANDRAIL SKETCH

(Road plan beneath truss varies)

Structure Number	Station	WGL	ED	TGL
5C057I055L164.7	37+295	4.929	3.381	7.855
5C057I055L164.8	37+297	5.806	2.774	8.125
5C057I055L164.9	37+572.5	5.500	3.700	8.745

Notes: *Space walkway brackets WF(A-N)102x4.55and sign brackets WF(A-N)102x2.66 for efficiency and within limits shown:

- f = 300 maximum, 100 minimum (End of sign to € of nearest bracket) g = 300 maximum, 100 minimum (End of walkway to € of nearest bracket) h = 1.85 m maximum (€ to € sign and/or walkway support brackets, WF(A-N)102x2.66or WF(A-N)102x4.55)

*** If walkway bracket at safety chain location is behind sign, add angle to bracket.

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

For details of handrail, handrail splice, safety chain and Details F and G, see Base Sheet OSC-A-8(M).

	Truss grating Splice**	
L <u>.</u>		355 Truss Gratina
**Alternate <u>angle</u> for safety chain attachment Standard <u>Aluminum</u> Bar Grating	### WF(A-N)102x4.55* f	610 405 Walkway Gratina
Safety Ch <u>ain</u> Each end	E Handrail Splice**	465 61 Wal
	g* h* Walkway grating Detail F Detail G	165
	Length as required for lighting fixtures. (If required) Walkway Grating Length (WGL) Design Length (L)	
	Handrail Handrail Handrail Handrail Handrail Handrail Light fixture supports. Length as required for lighting fixtures. (If required) End Distance (ED)	165 -

Truss Grating Length (TGL)

SECTION A-A

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

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

$$TGL = L - (\frac{Post \ O.D.}{2} + 150)$$

NUMBER	REVISION	DATE

BRACKET TABLE

WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6			
Sign Width		Number	
Greater Than	Less Than or Equal To	Brackets Required	
	2.45	2	
2.45	4.3	3	
4.3	6.15	4	
6.15	8.0	5	
8.0	9.85	6	

SHEET TITLE CANTILEVER SIGN STRUCTURES				
ALUMINUM WALKWAY DETAILS				
ALUMINUM TRUSS & STEEL POST				
PROJECT	PROJECT NO. 9450			
F.A.I. 55	SCALE			
SECTION (57-4)R, HBY, HBR,	DATE			
(57-4VB)DM	10/08/04			
MCLEAN COUNTY	TFG			
I WOLLAN COOKIT	CHECKED BY MCB			
	DRAWING NO.			
COOMBE-BLOXDORF P.C.				
Engineers /Land Surveyors	10			
Springfield, Illinois	19			
Design Firm License No. 184-002703	OF 24 SHTS			

OSC - A - 6(M)

11/1/2002

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