



Walkway and Truss Grating width dimensions are nominal and may vary ±13 mm based on available standard widths.

BRACKET TABLE

WF(A-N)102x2.66 or WF(A-N)102x4.55 ASTM B308M, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	2.45	2
2.45	4.3	3
4.3	6.15	4
6.15	8.0	5
8.0	9.85	6

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

- f = 300 mm maximum, 100 mm minimum (End of sign to \mathcal{C} of nearest bracket)
- g = 300 mm maximum, 100 mm minimum (End of walkway grating to \mathcal{C} of nearest support bracket)
- h = 1.85 m maximum (\mathcal{C} to \mathcal{C} sign and/or walkway support brackets, WF(A-N)102x2.66 or WF(A-N)102x4.55)
- k = 50 mm maximum gap between adjacent walkway grating sections and handrail ends

**If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11(M).

For Details T and W, Section B-B and Grating Splice Details, see Base Sheet OS-A-10(M).
For Details D, F, G and P and Handrail Splice Details, see Base Sheet OS-A-11(M).

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Grating, handrail and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±305 mm on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Structure Number	Station	a (m)	b (m)	c (m)	d (m)	e (m)	Walkway Grating and Handrail Lengths
5S0571055R164.7	37+140	8.85	17.049	2.561	---	---	17.049 m
5S0571055L165.2	37+953	3.47	11.589	3.451	---	---	11.589 m
5S0571055L165.5	38+425	4.64	13.629	4.291	---	---	13.629 m
5S0571055L165.8	38+925	3.97	13.413	8.817	---	---	13.413 m

NUMBER	REVISION	DATE

SHEET TITLE		OVERHEAD SIGN STRUCTURE ALUMINUM WALKWAY DETAILS	
PROJECT	F.A.I. 55 SECTION (57-4)R, HBY, HBR, (57-4VB)DM McLEAN COUNTY	PROJECT NO.	9450
DATE	10/08/04	SCALE	
DRAWN BY	TFG	CHECKED BY	MCB
COOMBE-BLOXDORF P.C. Engineers/Land Surveyors Springfield, Illinois		DRAWING NO.	9
Design Firm License No. 184-002703		OF 24 SHTS.	

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