STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Top of WF(A-N)4x3.06 walkway

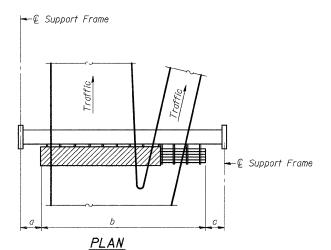
support and sign bracket

 $B \blacktriangleleft$

Top of WF(A-N)4x3.06

walkway support only





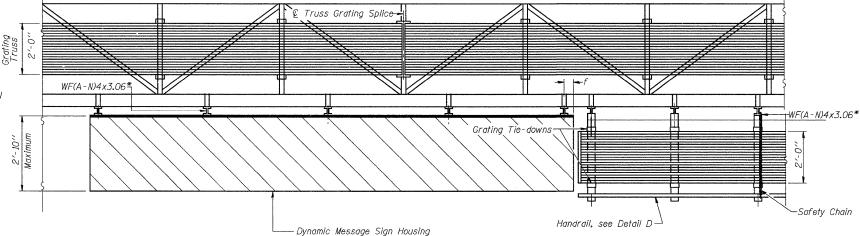
WALKWAY AND HANDRAIL SKETCH

(Road plan beneath truss varies)

BRACKET TABLE

WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6							
Sign V	Sign Width						
Greater Than	Less Than or Equal To	Brackets Required					
	10'-0''	2					
10'-0''	16'-0''	3					
16'-0''	22'-0"	4					
22'-0"	28'-0''	5					
28'-0"	34'-0''	6					

Walkway and Truss Grating width dimensions are nominal and may vary \pm^{1}_{2} " based on available standard widths.



TYPICAL FRONT ELEVATION

With handrail omitted for clarity.

For Section B-B, see Base Sheet OS-A-10.

Notes: *Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x3.06 for efficiency and within limits shown:

- f = 12" maximum, 4" minimum (End of sign to € of nearest bracket)
- g = 12" maximum, 4" minimum (End of walkway grating to © of nearest support bracket)
- h = 6' 0'' maximum (£ to £ 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 OS-A-11.

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

DESIGNED	19
CHECKED	EXAMINED
DRAWN	ENGINEER OF STRUCTURAL SERVICES PASSED
CHECKED	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

SECTION A-A

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 and handrail splices placed as needed.

Structure Number	Station	а	b	С	Walkway Grating and Handrail Lengths
8S082I064L010.8	466+75	22′-8"	38′-8"	29′-8"	8′
850601055L012.3	579 + 50	10′-8"	36′-8"	23′-8"	6′
8S0601270L008.4	528+00	18′-8"	48'-8"	28′-8"	18′

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

FOR INFORMATION, ONLY

OS-A-9-DMS 7/1/	2001				
FILE NAME =	USER NAME = prestonme	DESIGNED	 REVISE	D -	
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	PLOT DATE = 1/28/2011	DATE	 REVISE	D -	AND 100 AND

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

		EX. OVERHEAD SIGN STRUCTURES		F.A.I. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
١	ALUMINUM WALKWAY DETAILS 1 OF 2		64	DIST. 8 ITS 2011-3	ST. CLAIR	10	9	
-						CONTRACT	NO. 7	76E70
1	SCALE:	SHEET NO OF SHEETS	STA TO STA	FED. RO	AD DIST. NO ILLINOIS FED. AI	D PROJECT		