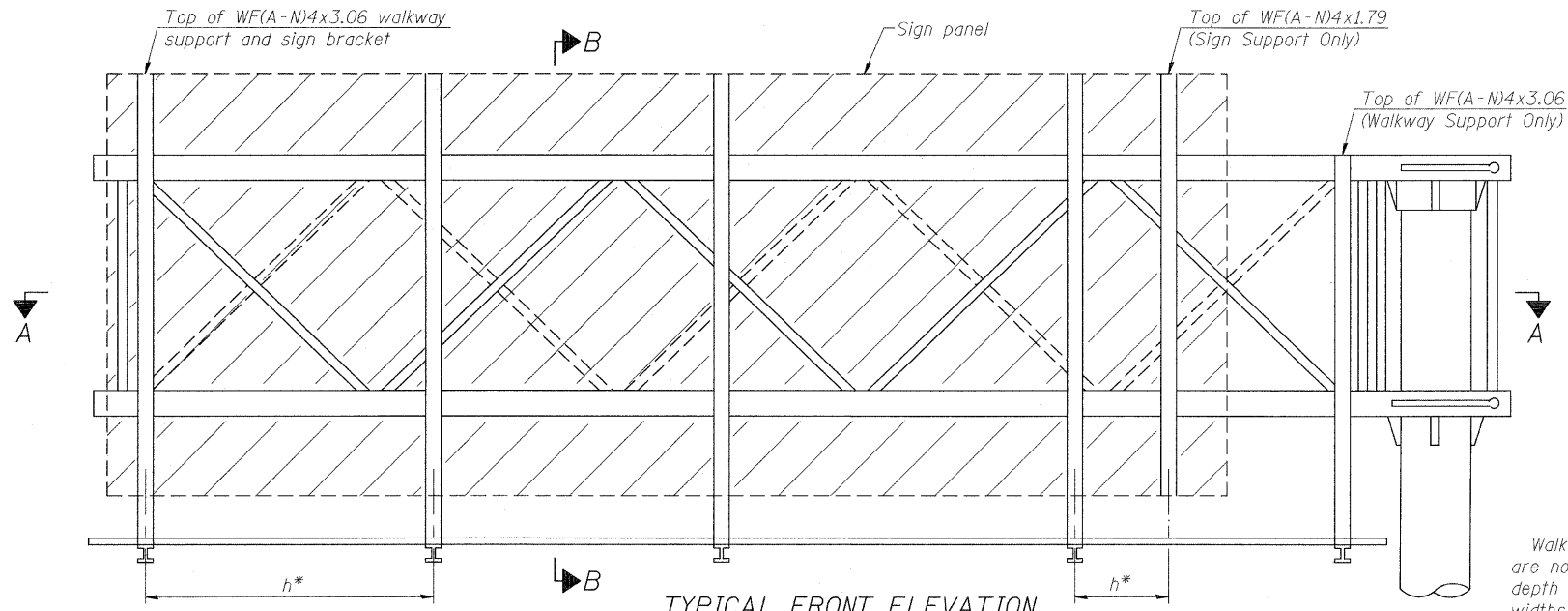
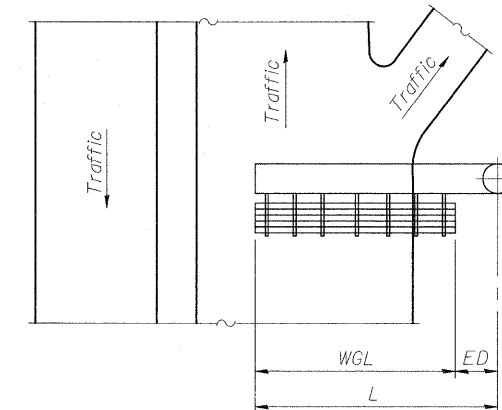


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

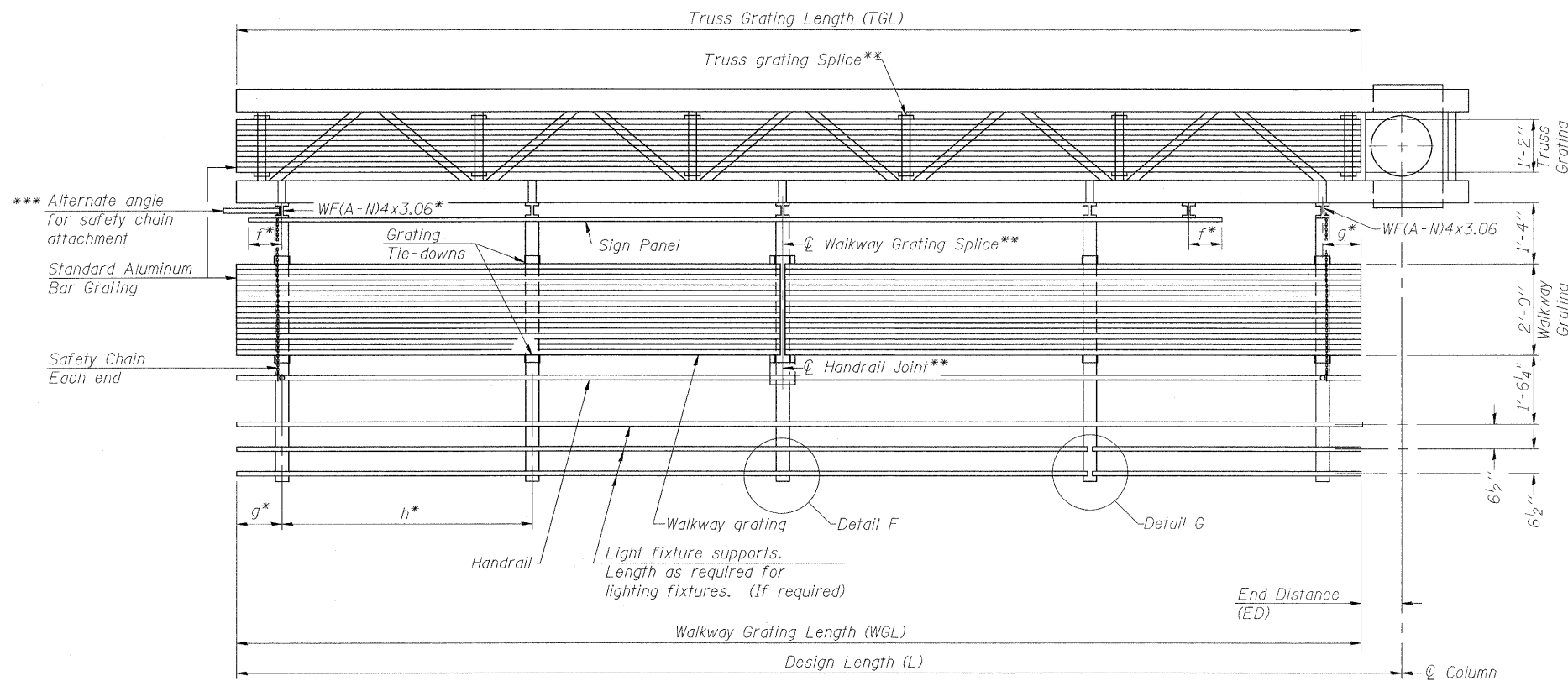


**TYPICAL FRONT ELEVATION**  
With lights and handrail omitted for clarity.

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



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



**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.

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

NUMBER	REVISION	DATE

DESIGNED MJJ	200
CHECKED JTH	EXAMINED
DRAWN MJJ	ENGINEER OF BRIDGE DESIGN
CHECKED JTH/ALN	PASSED
	ENGINEER OF BRIDGES AND STRUCTURES

OSC-A-6 12-1-08

Structure Number	Station	WGL	ED	TGL
#7C058UB51L017.13	1152+86	19'-6"	16'-4"	34'-4"
#7C058UB51R017.11	1156+75	16'-0"	19'-10"	34'-4"

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**

Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
8'-0"	14'-0"	2
14'-0"	20'-0"	3
20'-0"	26'-0"	4
26'-0"	32'-0"	5
		6

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

<b>THOUVENOT, WADE &amp; MOERCHEN, INC.</b> CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.8688 SWANSEA • WATERLOO • EDWARDSVILLE • CARBONDALE • ST. CHARLES ENGINEERS • SURVEYORS • PLANNERS		 ENGINEERS • SURVEYORS • PLANNERS		
F.A.P. RTE. 322	SECTION (58-64HB-1)B-1	COUNTY MACON	TOTAL SHEETS 149	SHEET NO. 106
US ROUTE 51		CONTRACT NO. 74387		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

SHEET NO. 11  
15 SHEETS

Plotted by: mjoost 3/12/2010 4:28:57 PM