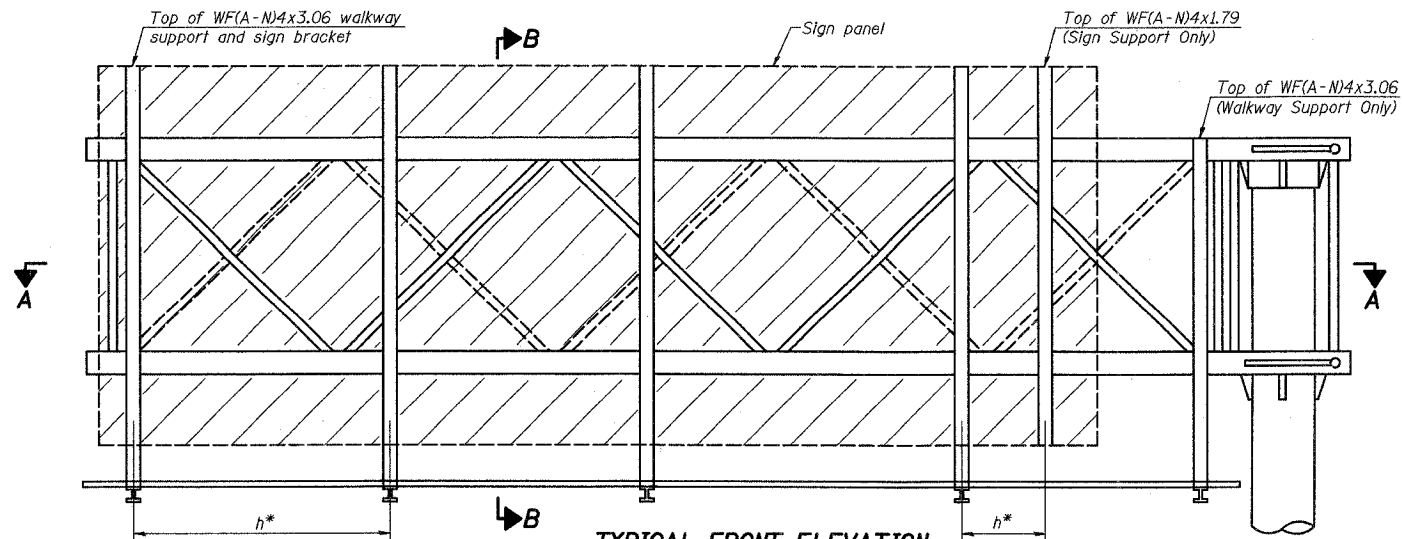
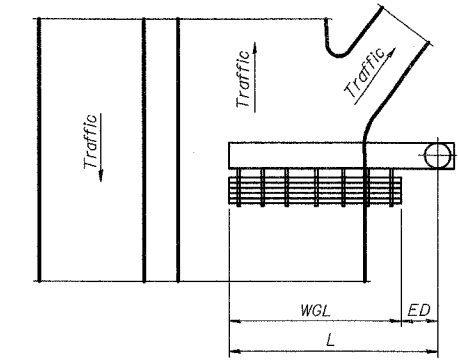


CONTRACT NO. 60847				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	100 (I&2) I-9	WILL.	305	157
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
DETLS - 23 OF 30				



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

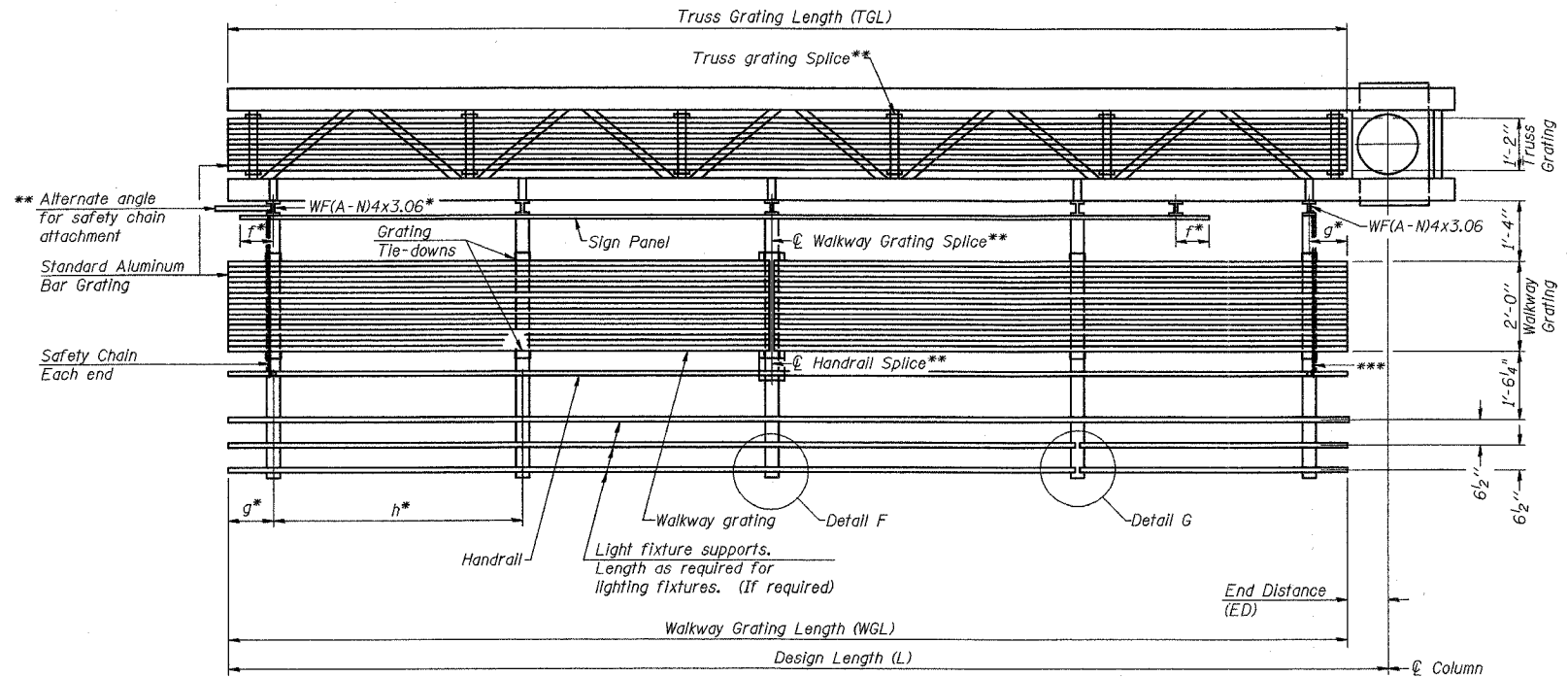
Walkway and truss grating dimensions are nominal and may vary (width ±½", depth ±½") based on available standard widths.



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

Structure Number	Station	WGL	ED	TGL
IC0991055L263.8	923+00	21'	12'	31'-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.  
 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 splice, safety chain and Details F and G, see Base Sheet OSC-A-8.



**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 or grating splices are optional, based on lengths needed and material availability.

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

**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"	8'-0"	2
14'-0"	14'-0"	3
20'-0"	20'-0"	4
26'-0"	26'-0"	5
32'-0"	32'-0"	6

NUMBER	REVISION	DATE

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 Structural Engineering  
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 (815) 942-9600

**PARSONS BRINCKERHOFF**

REVISIONS	
NAME	DATE

**OSC-A-6** 1-7-05  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. I-55  
 143rd STREET TO WEBER RD.  
 CANTILEVER SIGN STRUCTURES  
 ALUMINUM WALKWAY DETAILS  
 ALUMINUM TRUSS & STEEL POST

SCALE: DRAWN BY: JS, LC  
 DATE: FEBRUARY 23, 2007 CHECKED BY: SE