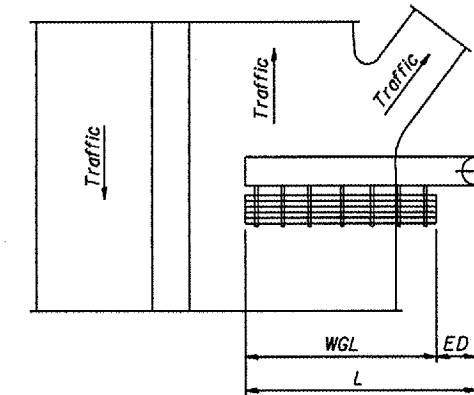
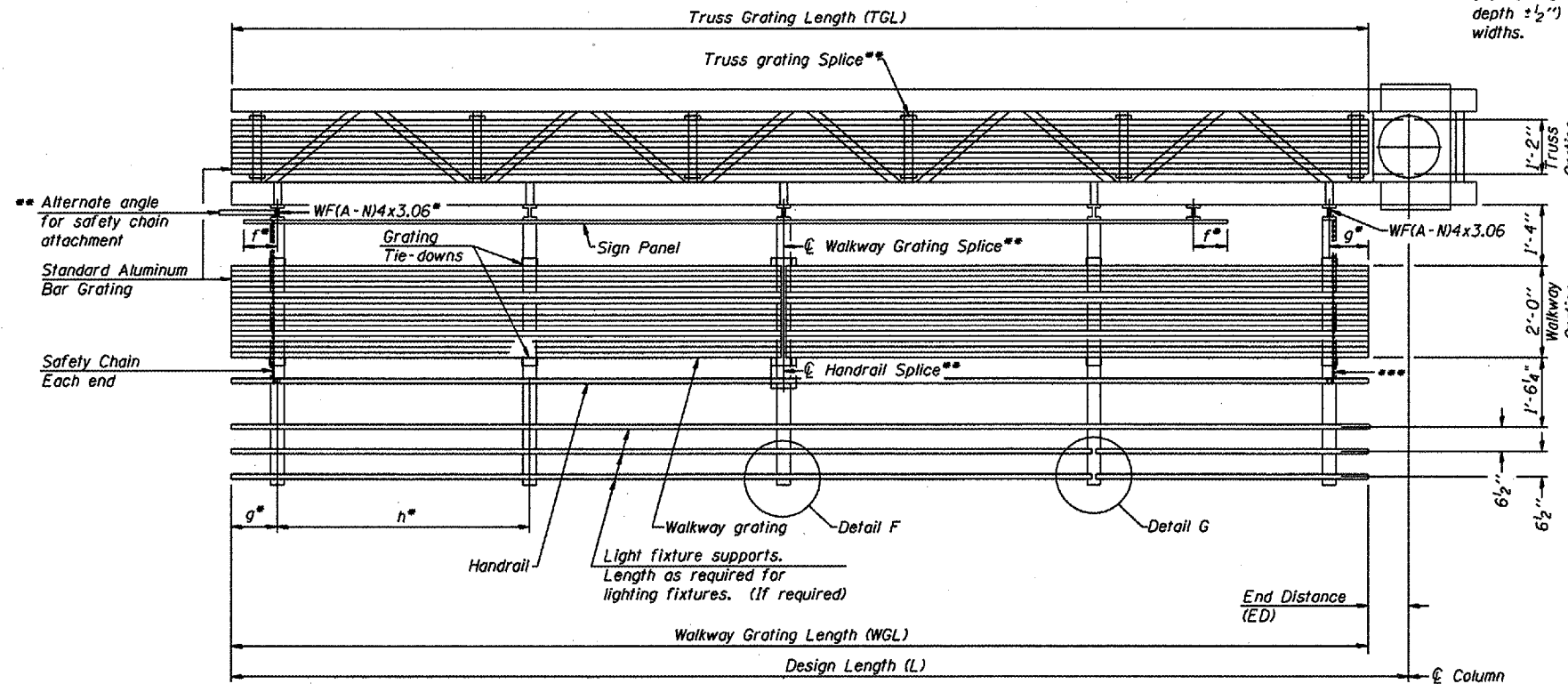


TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.

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

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

Structure Number	Station	WGL	ED	TGL
IC0161290R018.8	N/A	19' - 0" *	N/A	N/A
IC0161290R021.0	N/A	21' - 6" *	N/A	N/A
IC0161290R023.4	N/A	24' - 0" *	N/A	N/A
IC0161290R027.3	N/A	24' - 0" *	N/A	N/A
IC0161290R028.4	N/A	35' - 6" *	N/A	N/A
IC0161290L019.4	N/A	19' - 0" *	N/A	N/A
IC0161290L019.8	N/A	17' - 6" *	N/A	N/A
IC0161290L023.0	N/A	24' - 0" *	N/A	N/A
IC0161290L027.6	N/A	23' - 0" *	N/A	N/A
IC0161290L028.7	N/A	23' - 0" *	N/A	N/A

* Lengths shown are for the replacement of handrails only. Stainless steel pins, bolts, washers and nuts shall be used. trussdetailforms.doc

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.

BRACKET TABLE

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

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

District 1
Handrail Replacement for
Vierendeel Sign
Structure-Cantilever

DESIGNED -	20
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE