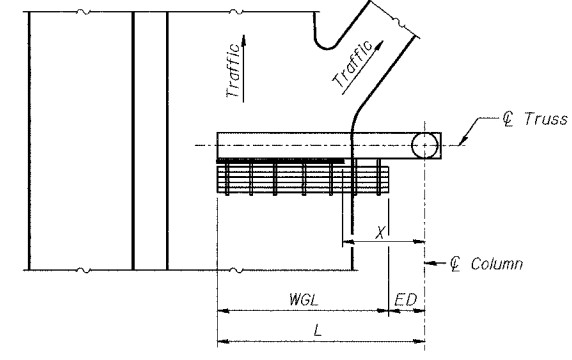
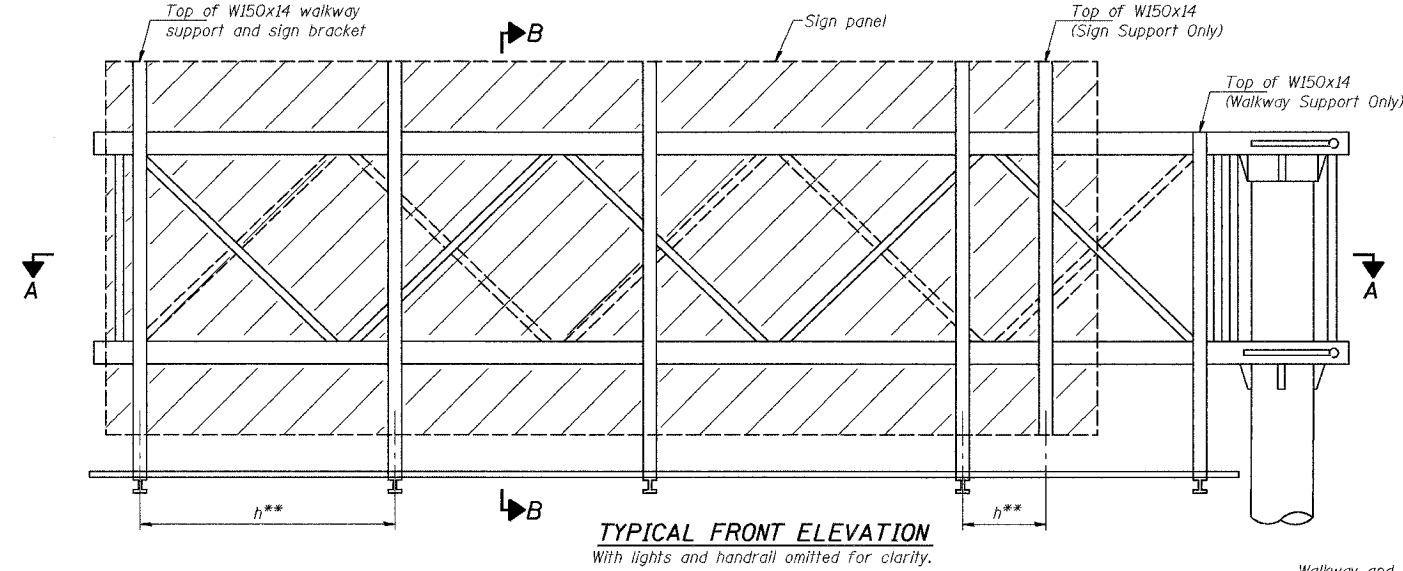


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

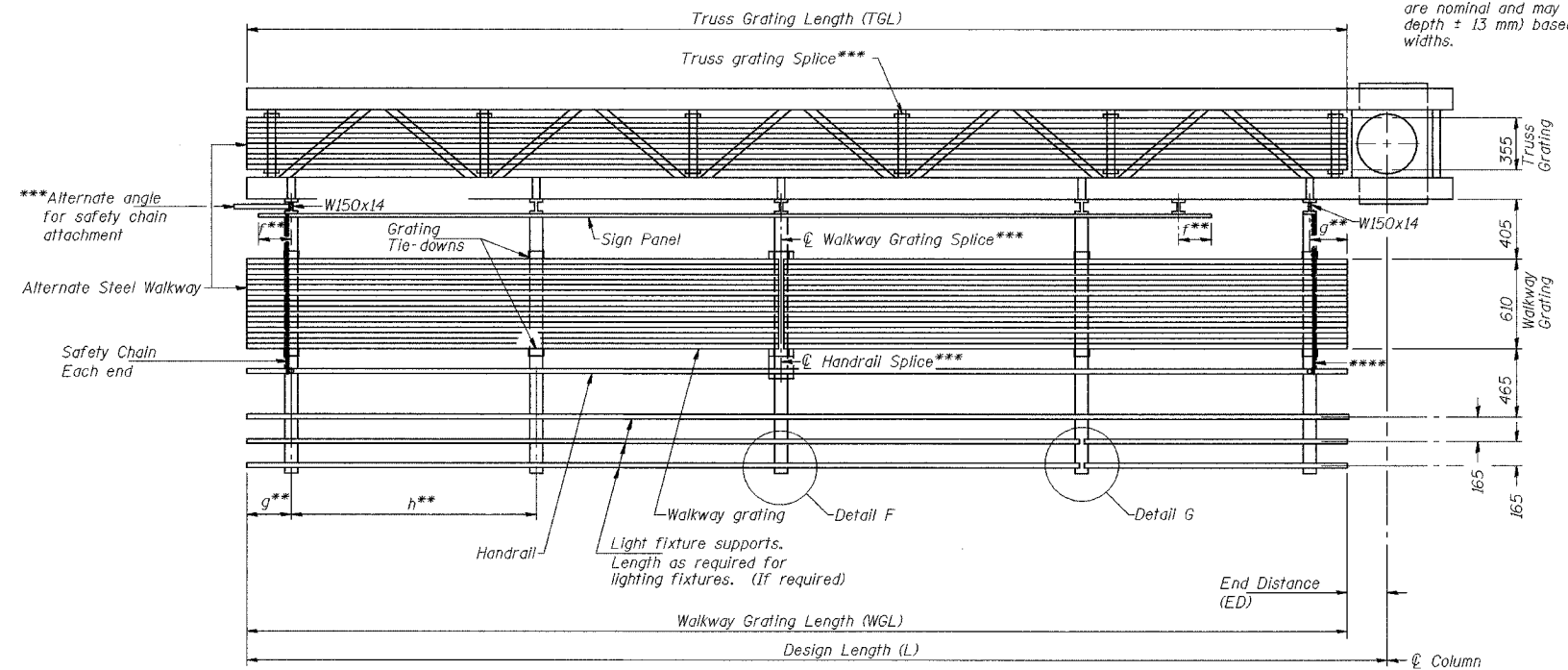
ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	TAZEWELL	1366	1320
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	
		* (90-10R-2;90(13,14,14-10R-1		
CONTRACT NO. 68201				

Walkway Grating, Walkway Supports, Handrail and Lighting are not included.
Information shown on this sheet shall be used for Truss Grating, Sign Supports and Sign Panel locations only.



PLAN
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)
("X" is measured along ϕ truss to edge of sign panel)

Walkway and truss grating dimensions are nominal and may vary (width ± 13 mm, depth ± 13 mm) based on available standard widths.



Structure Number	Station	WGL (m)	ED (m)	TGL (m)	X (m)
4C0901074L095.6	153+772				3.625

Notes: **Space W150x14 walkway brackets and sign brackets for efficiency and within limits shown:
f = 300 maximum, 100 minimum (End of sign to ϕ of nearest bracket)
g = 300 maximum, 100 minimum (End of walkway to ϕ of nearest bracket)
h = 1.85 m maximum (ϕ to ϕ sign and/or walkway support brackets, W150x14)
****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-S-7S(M).
For details of handrail, handrail splice, safety chain and Details F and G, see Base Sheet OSC-S-8(M).

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.

$$TGL = L - \left(\frac{\text{Post O.D.}}{2} + 150 \right)$$

DESIGNED	RJW	2004
CHECKED	KJN	EXAMINED
DRAWN	RJW	ENGINEER OF STRUCTURAL SERVICES
CHECKED	KJN	PASSED
		ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

BRACKET TABLE

W150x14		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	3.0	2
3.0	4.9	3
4.9	6.7	4
6.7	8.6	5
8.6	10.4	6

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
W.B. I-74 STA. 153+772, S.N. 4C0901074L095.6

TAZEWELL CO., IL.

DATE: 12-20-04

M:\Proj\3573\Sign Structures\Contract 11\sp1102-74can-sfl.dgn

OSC-S-6S(M) 10/1/2001