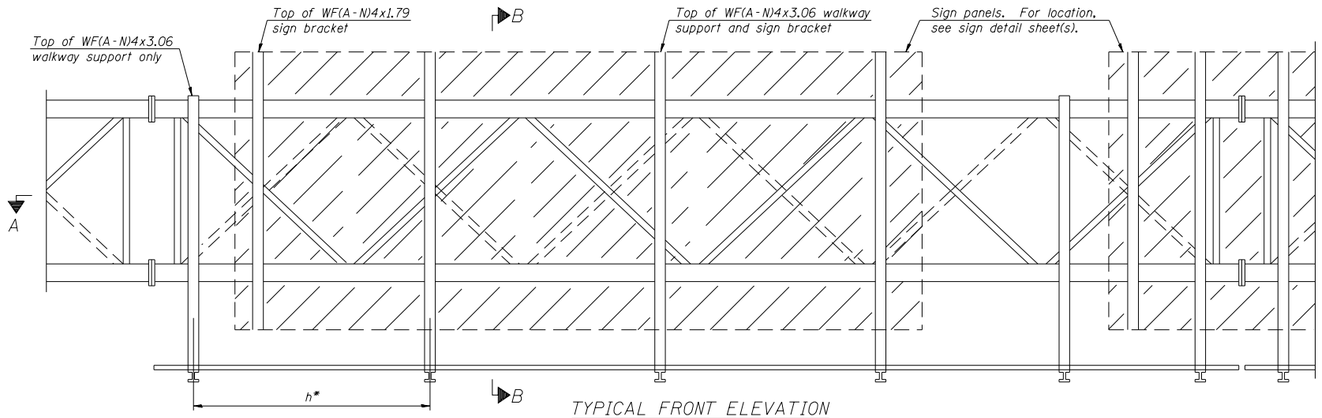
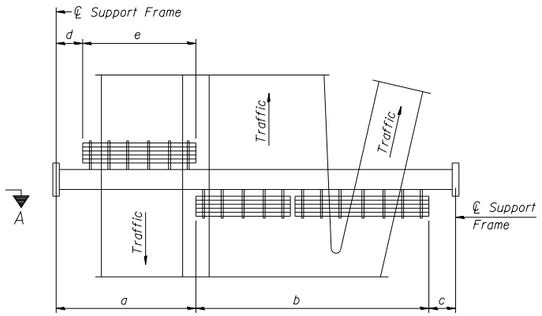


TYPICAL FRONT ELEVATION

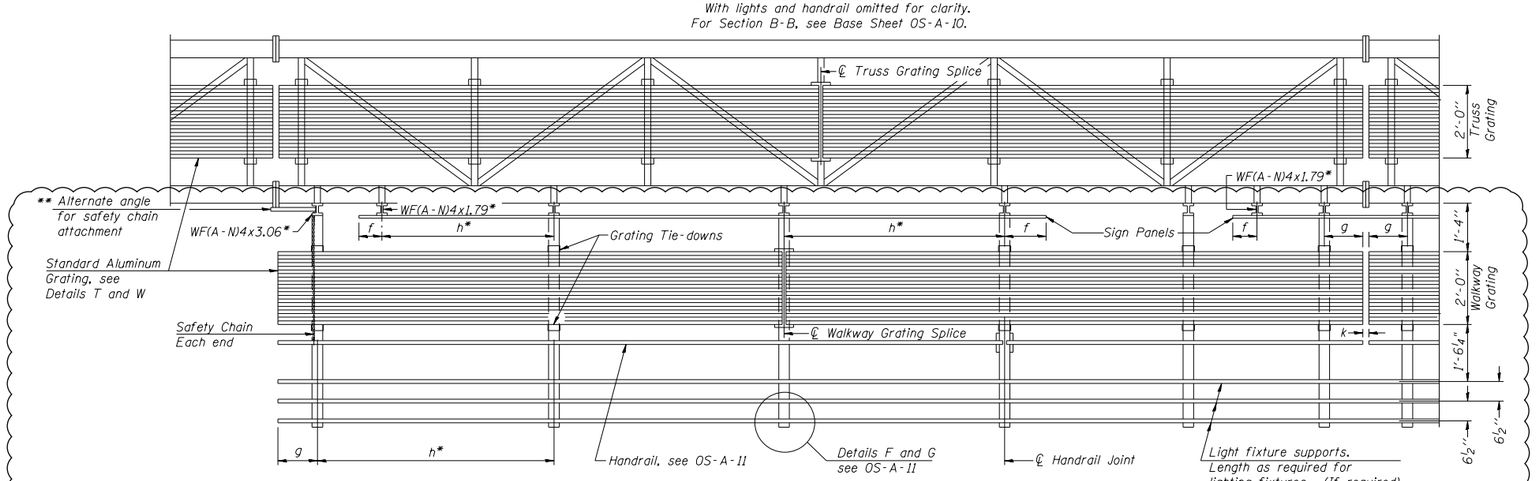
With lights and handrail omitted for clarity.
For Section B-B, see Base Sheet OS-A-10.



PLAN

WALKWAY AND HANDRAIL SKETCH

(Road plan beneath truss varies)



1

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.
Handrail joints, grating, and light support splices placed as needed.

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"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	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 ℄ 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)
k = 2" maximum gap between adjacent walkway grating sections and handrail ends

** 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 Handrail Details see Base Sheet OS-A-11.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
1S016I094L033.0	439+49	N/A	N/A	N/A	N/A	N/A	N/A

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".

Walkway and Truss Grating width dimensions are nominal and may vary ±½" based on available standard widths.

REVISION NOTES:

1 EXISTING WALKWAY TO BE REMOVED (PAID FOR AS REMOVE OVERHEAD SIGN STRUCTURE - WALKWAY). THE EXISTING WALKWAY WILL NOT BE REPLACED.

ALL EXISTING SIGN PANELS, BRACKETS SUPPORTING WALKWAY, SIGN, AND RELATED HARDWARE ARE TO BE REMOVED (PAID FOR AS REMOVE AND RE-ERECT EXISTING SIGN, PER EACH SIGN). ITEM WILL INCLUDE NEW BRACKETS AND ALL NECESSARY HARDWARE TO MOUNT PROPOSED SIGN PANELS. SIGN PANELS WILL BE BE PAID FOR AS SIGN PANEL - TYPE 3.

OS-A-9 6-1-12

FILE NAME = G:\CH11\0158\Road\Sheets\D160T35-SHT-STRUCT-SIGNDETAILS.dgn	USER NAME = BAWitort	DESIGNED - JLV	REVISED - 1 10/31/2012
		DRAWN - MNB	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS

SCALE: N.T.S | SHEET NO. 327 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	327
		CONTRACT NO. 60T35		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT