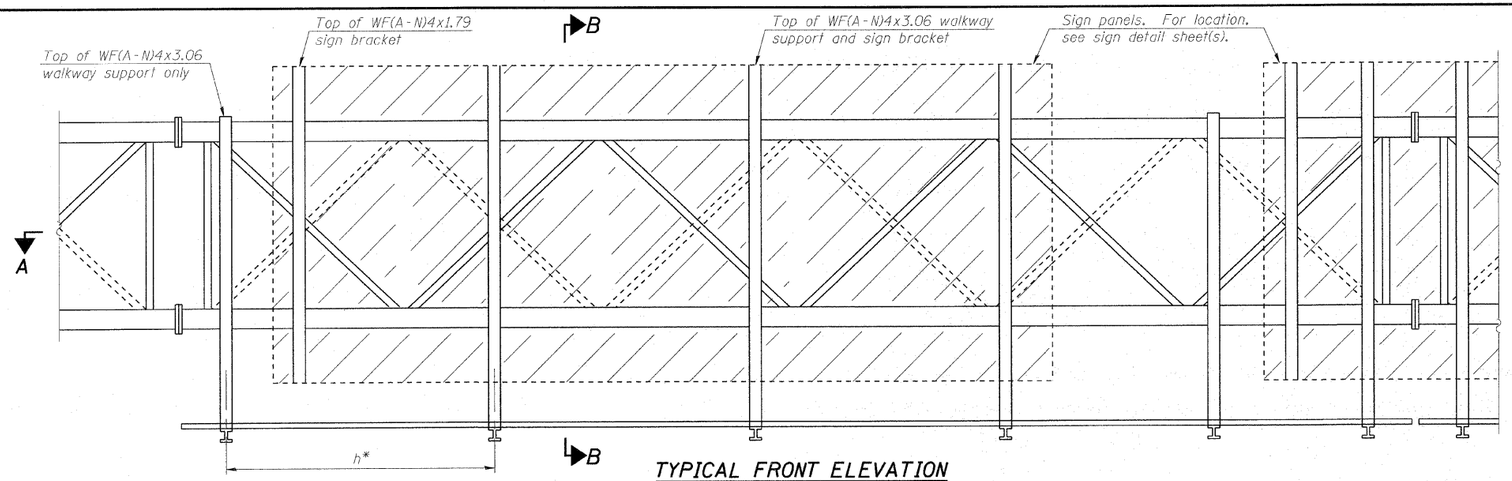
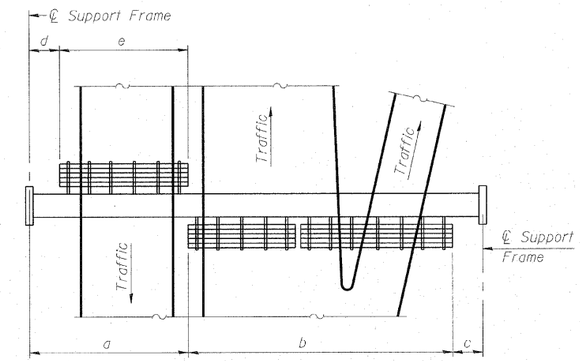


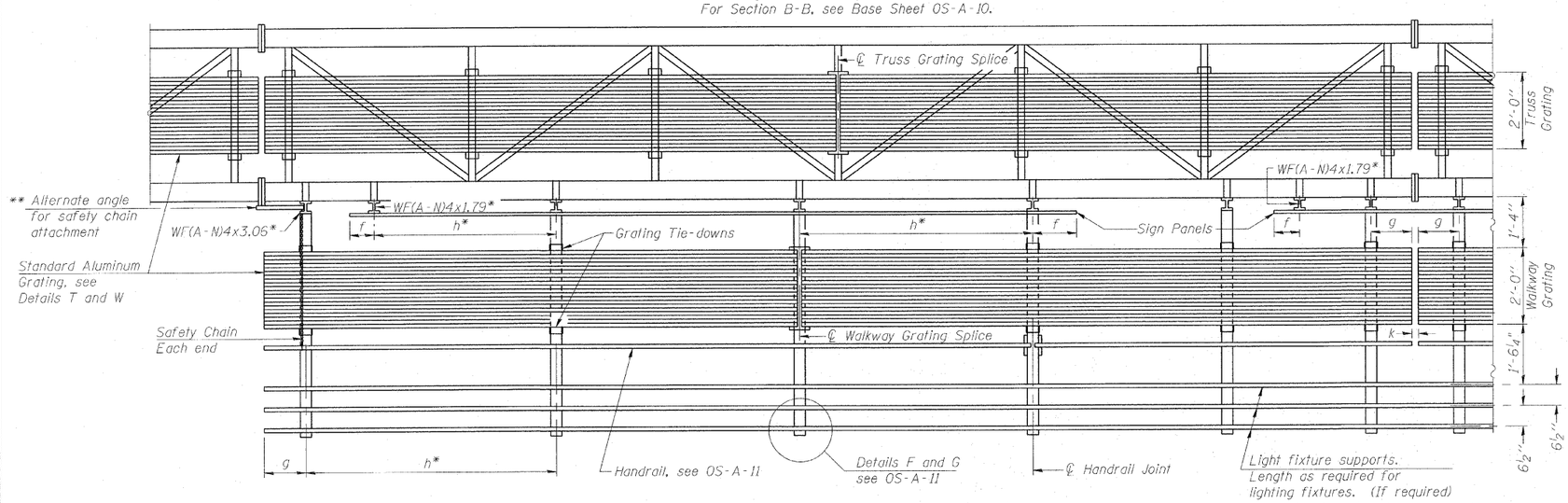
TYPICAL FRONT ELEVATION

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)



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.

Details provided apply only to the installation of Internal Truss Grating. Existing External Walkway Grating to be maintained undamaged during sign truss removal, storage, and subsequent reerection.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
IS0991055L241.4	619+02	29'-6"	36'-6"	16'-6"	N/A	N/A	***

*** Refer to existing drawings

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses. Cost of internal truss grating is included in "Overhead Sign Structure Walkway".

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

OS-A-9 1-20-11

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N:\Mckinsey\Bridge\Sign\OS-TR20.dgn

FILE NAME =	USER NAME =	DESIGNED - BLB	REVISED -
		CHECKED - BAB	REVISED -
	PLOT SCALE =	DRAWN - BCD	REVISED -
	PLOT DATE =	CHECKED - BLB	REVISED -

STATE OF ILLINOIS
OVERHEAD SIGN REHABILITATION

OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS
SHEET NO. 5 OF 11 SHEETS

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2010-114-SG	WILL	115	103
		CONTRACT NO. 60M48		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		