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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Top of WF(A-N)4x3.06 walkway support only

Top of WF(A-N)4x1.79 sign bracket

▶B

Top of WF(A-N)4x3.06 walkway support and sign bracket

Sign panels. For location, see sign detail sheet(s).

▼A

▼A

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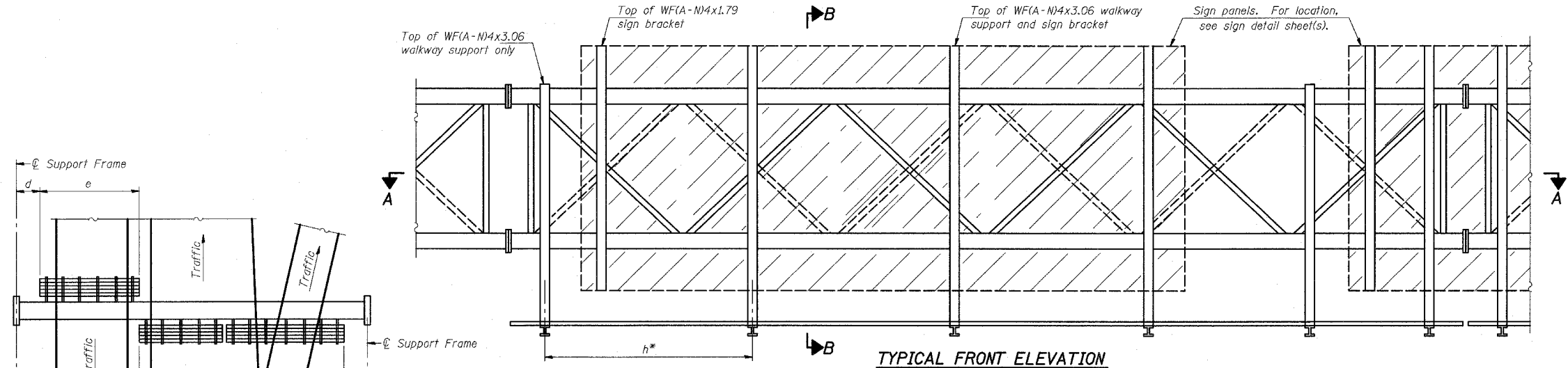
TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.
For Section B-B, see Base Sheet OS-A-10.

h*

C Support Frame

Traffic   *Traffic*

Traffic

C Support Frame

d   e

a   b   c
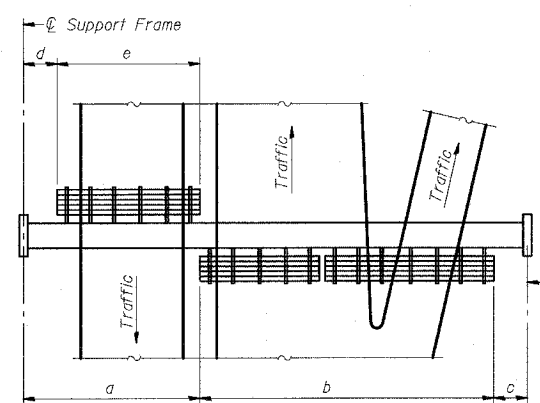
PLAN
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

C Truss Grating Splice

2'-0" Truss Grating

WF(A-N)4x1.79*
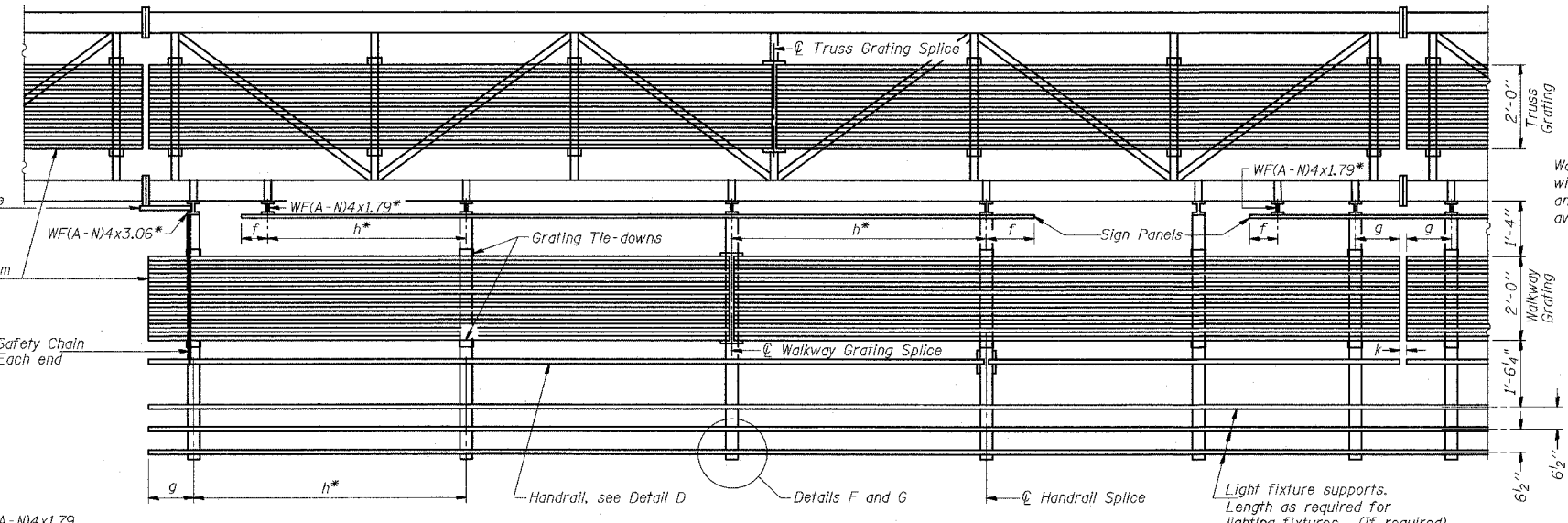
Walkway and Truss Grating width dimensions are nominal and may vary ±½" based on available standard widths.

BRACKET TABLE

**Alternate angle for safety chain attachment

Standard Aluminum Grating, see Details T and W

WF(A-N)4x3.06*

WF(A-N)4x1.79*

f   h*   *Grating Tie-downs*   h*   f   *Sign Panels*   f   g   g

Safety Chain Each end

C Walkway Grating Splice

2'-0" Walkway Grating

k

1'-6¼"

6½"

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

g   h*

Handrail, see Detail D   *Details F and G*   **C Handrail Splice**

Light fixture supports. Length as required for lighting fixtures. (If required)

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 C of nearest bracket)
   g = 12" maximum, 4" minimum (End of walkway grating to C of nearest support bracket)
   h = 6'-0" maximum (C to C 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 Details D, F, G and P and Handrail Splice Details, see Base Sheet OS-A-11.

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.
Grating, handrail and light support splices placed as needed.

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".

OS-A-9   11/1/2002

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
IS016I057R357.7	215+44	7.88'	56'	28.13'	-	-	56'
IS016I057R357.9	227+29	7.88'	68.67'	32.46'	-	-	68.67'
IS016I094R062.8	2204+66	9.94'	60'	26.06'	-	-	60'
IS016I094R062.2	2242+70	7.94'	85'	19.06'	-	-	85'
IS016I094R061.7	2264+34	8.83'	64'	33.17'	-	-	64'
IS016I094R061.2	2290+90	7.04'	79'	23.96'	-	-	79'
IS016I094R060.2	2344+44	7.79'	79'	28.21'	-	-	79'