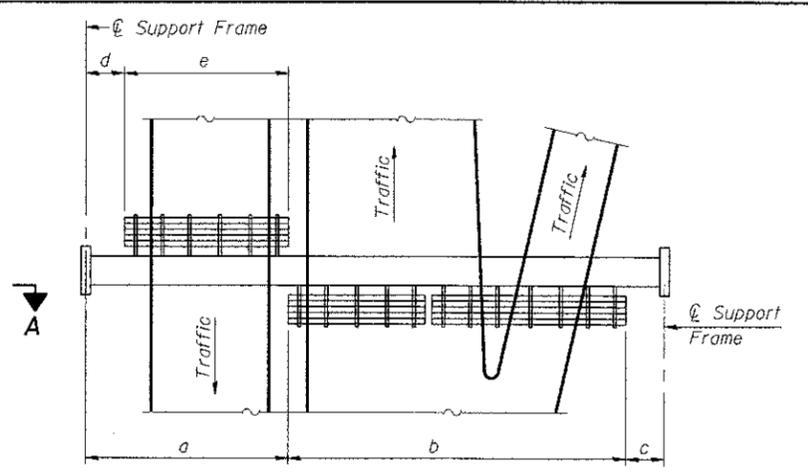


TYPICAL FRONT ELEVATION
 With lights and handrail omitted for clarity.
 For Section B-B, see Base Sheet OS-A-10.

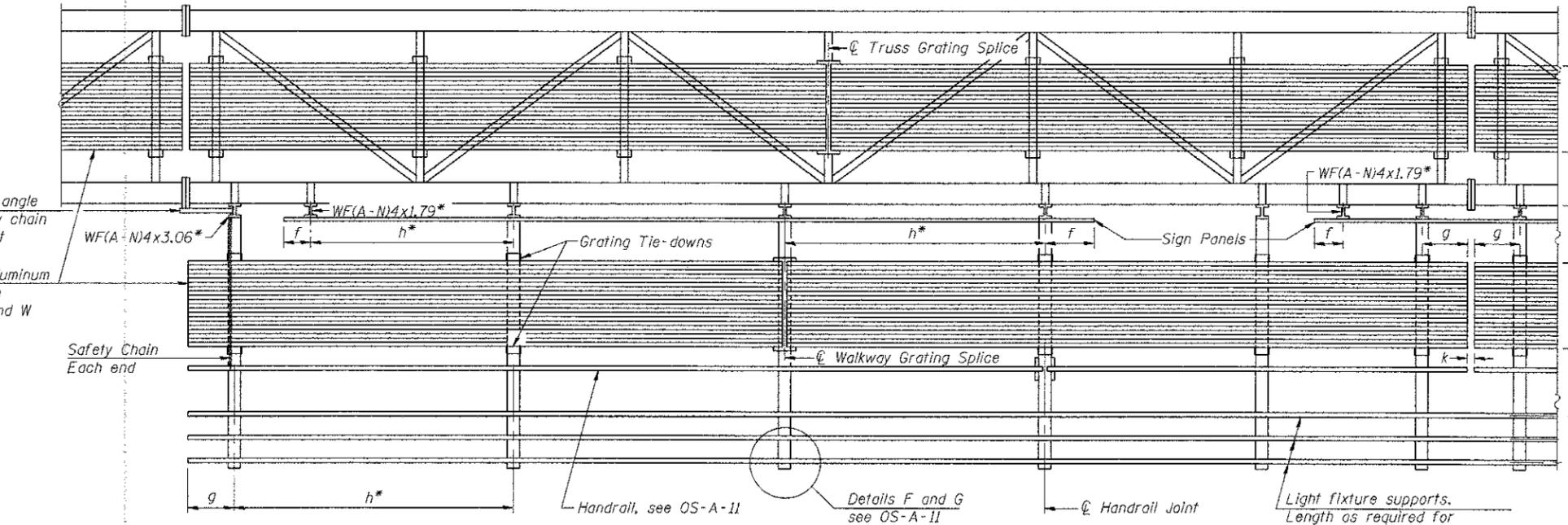


PLAN WALKWAY AND HANDRAIL SKETCH
 (Road plan beneath truss varies)

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 ϕ of nearest bracket)
 - g = 12" maximum, 4" minimum (End of walkway grating to ϕ of nearest support bracket)
 - h = 6'-0" maximum (ϕ to ϕ 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.



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.

| Structure Number | Station | a | b | c | d | e | Walkway Grating and Handrail Lengths |
|------------------|---------|--------|---------|---------|--------|--------|--------------------------------------|
| 8S0821070R001.5 | 147+60 | 76'-9" | 36'-9" | 14'-6" | 18'-6" | 40'-0" | 76'-9" |
| 8S0821070R002.2 | 188+00 | 10'-2" | 47'-11" | 12'-11" | - | - | 47'-11" |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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Truss grating to facilitate inspection shall run full length (center to center of support frames) $\pm 12"$ on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary $\pm 1/2"$ based on available standard widths.

FILE NAME = USER NAME = #USER#
 #FILE#
 PLOT SCALE = #SCALE#
 PLOT DATE = #DATE#
 DESIGNED - MDJ
 DRAWN - MDJ
 CHECKED - JLR
 DATE - 06/29/12
 REVISED -
 REVISED -
 REVISED -
 REVISED -
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 I-70 CONNECTION
 OVERHEAD SIGN STRUCTURES
 ALUMINUM WALKWAY DETAILS
 SCALE: SHEET NO. 9 OF 14 SHEETS STA. TO STA.
 F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 998 82-1R ST. CLAIR 294 188
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 76C43

OS-A-9

6-1-12