STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION Top of WF(A-N)4x1.79 Top of WF(A-N)4x3.06 walkway Sign panels. For location, sign bracket support and sign bracket see sign detail sheet(s). Top of WF(A-N)4x3.06 walkway support only **-**₽ Support Frame Α $\triangleright_{\mathcal{B}}$ ⊢⊈ Support Frame TYPICAL FRONT ELEVATION With lights and handrall omitted for clarity. For Section B-B, see Base Sheet OS-A-10. ⊢⊈ Truss Grating Splice PLAN WALKWAY AND HANDRAIL SKETCH (Road plan beneath truss varies) Walkway and Truss Grating r WF(A - N)4x1.79* width dimensions are nominal **Alternate a<u>ngle</u> for safety chain and may vary $\pm \frac{1}{2}$ " based on available standard widths. WF(Δ - N)4 x 1 79* BRACKET TABLE WF(A-N)4x3.06* attachment --- Grating Tie-downs WF(A-N)4x1.79 or WF(A-N)4x3.06 Standard Alu<u>minum</u> ASTM B308, Alloy 6061-T6 Grating, see Details T and W Less Than or Brackets Greater Than ₩alkway Grating Splice Equal To Required

└─Handrail, see Detail D

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 ${\mathbb Q}$ of nearest bracket) g=12" maximum, 4" minimum (End of walkway grating to ${\mathbb Q}$ of nearest support bracket)

h=6'-0'' maximum (ℓ to ℓ 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.

0S-A-9 11/1/2002

DESIGNED CHECKED CHECKED

PASSED

SECTION A-A

Handrall 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.

Structure Number	Station	О	Ь	С	d	θ	Walkway Grating and Handrail Lengths
IS016I057L358.0	334+00	36.11'	32.001	16.89′	-	-	32.00′
1S016I094L063.8	2006+00	10.06′	54.00′	31.94′	-	-	54.00'
		 					
				L			

—Details F and G

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".

Light fixture supports.

Length as required for

lighting fixtures. (If required)

—**©** Handrail Splice

REVISIONS					
NAME	DATE				

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)

SECTION

COUNTY COOK

STA. 190+65 (NB 1-57) STA. 1990+48 (NB FORD)TO STA. 2316+00 (NB RYAN

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

• (1516.1, 1717, & 1818) R-4

916 545

62304

OVERHEAD SIGN STRUCTURES **ALUMINUM WALKWAY DETAILS**

SCALE: AS NOTED DATE: MARCH 7, 2006 DRAWN BY: AMB CHECKED BY: TB

TYLININTERNATIONAL