STATE OF ILLINOIS Various Routes OVD SIN STR REP & REPL 2008-9 DEPARTMENT OF TRANSPORTATION Various Counties Sheet 64 of 105 Top of WF(A-N)4x1.79 Top of WF(A-N)4x3.06 walkway $\triangleright B$ Sign panels. For location. Contract Number 44973 sign bracket support and sign bracket see sign detail sheet(s). Top of WF(A-N)4x3.06 walkway support only ├- € Support Frame Α -€ Support Frame \triangleright_B TYPICAL FRONT ELEVATION With lights and handrail 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) r WF(A - N)4x1.79* ** Alternate angle for safety chain WF(A - N)4x1.79* Walkway and Truss Grating BRACKET TABLE width dimensions are nominal attachment WF(A-N)4x3.06*-Grating Tie-downs and may vary ±12" based on WF(A-N)4x1.79 or WF(A-N)4x3.06 available standard widths. Standard Aluminum ASTM B308, Alloy 6061-T6 Grating, see Details T and W Sign Width Number **Brackets** Less Than or Safety Chain Each end Greater Than Required Equal To —€ Walkway Grating Splice ~ k----8'-0" 14'-0" 14'-0" 20'-0" 26′-0′′ 32′-0′′ Details F and G Light fixture supports. L-Handrail, see OS-A-11 Notes: —⊈ Handrail Joint see OS-A-11 Length as required for Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 lighting fixtures. (If required) for efficiency and within limits shown: SECTION A-A 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) Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Truss grating to facilitate inspection shall run full length Place all sign and walkway brackets as close to panel points as practical. (center to center of support frames) ±12" on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure". 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 Handrail joints, grating, and light support splices placed as needed. ** 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-IO. For Handrail Details see Base Sheet OS-A-11.

		NUMBER	REVISION	DATE
DESIGNED -	- 20			
CHECKED -	EXAMINED			
	ENGINEER OF BRIDGE DESIGN PASSED			
DRAWN -	ENGINEER OF BRIDGES AND STRUCTURES			
CHECKED -				
0S-A-9	6/01/2007			

Structure Number	Station	а	b	С	đ	е	Walkway Grating and Handrail Lengths
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OVERHEAD SIGN STRUCTURES ALUMINUM WALKWAY DETAILS

District 3 Overhead Sign Structure Repair & Replacement