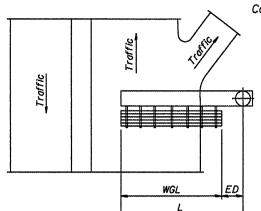
Various Routes D 1 OVD SIN STR REPL 2010-29 Various Counties Sheet 14 of 16 Contract Number 46092



Walkway and truss grating dimensions are nominal and may vary (width ±1/2". depth ±12") based on available standard

Top of WF(A-N)4x1.79 (Sign Support Only)

Top of WF(A-N)4x3.06 (Walkway Support Only)

~WF(A-N)4x3.06

End Distance (ED)

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

Structure Number	Station	WGL.	ED	TGL
IC022S000R006.0	N/A	24' - 6"	N/A	N/A
IC022S000R006.4	N/A	24' - 0"	N/A	N/A
ICO225000R006.6	N/A	24' - 0"	N/A	N/A
1C016S000R008.2	N/A	17' - 0"	N/A	N/A
1C016S000R008.7	N/A	23' - 0"	N/A	N/A
1C016S000R009.9	N/A	24' - 0"	N/A	N/A
1C016S000R010.	N/A	24' - 0"	N/A	N/A
1C022S000R011.8	N/A	22' - 6"	N/A	N/A
IC022S000L011.9	N/A	22' - 6"	N/A	N/A
1C022S000L011.6	N/A	18' - 3"	N/A	N/A
1C016S000L010.7	N/A	18' - 6"	N/A	N/A
1C016S000L009.1	N/A	22' - 0"	N/A	N/A
1C016S000L010.2	N/A	18' - 6"	Ñ/A	N/A
IC022S000L006.6	N/A	23' - 0"	N/A	N/A

\* Length shown is for the existing handrail to be replaced.

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 to  $\mathbb C$  of nearest bracket) h = 6'-0" maximum ( $\mathbb C$  to  $\mathbb C$  sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)

\*\*\* If walkway bracket at safety chain location is behind sign, add angle to bracket. See alternate safety chain attachment on base sheet OSC-A-8

For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7. For details of handrail, handrail joint, safety chain and Details F and G, see Base Sheet OSC-A-8.

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead

5/16/08

g\*

\*\*\* Alternate angle

attachment

Safety Chain Each end

for safety chain

Standard Aluminum Bar Grating

Sign Structure Contilever.

0SC-A-6

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

support and sign bracket

= WF(A - N)4x3.06 \*

## SECTION A-A

Walkway Grating Length (WGL)

Handrail and walkway grating shall span a minimum of three brackets between splices. \*\* Use and location of handrail joints or grating splices are optional, based on lengths needed and material availability.

TYPICAL FRONT ELEVATION With lights and handrail omitted for clarity.

~€ Walkway Grating Splice\*\*

-© Handrail Joint \*\*\*

Truss Grating Length (TGL) Truss grating Splice\*\*

 $TGL = L - (\frac{Post \ O.D.}{2} + 6")$ 

Design Length (L)

NUMBER	REVISION	DATE
	***************************************	
	······································	

Light fixture supports.

Length as required for

lighting fixtures. (If required)

Handrail -

## BRACKET TABLE

Column

	.79 or WF(A-N): 308. Alloy 6061		
Sign Width		Number	
Greater Than	Less Than or Equal To	Brackets Required	
	8'-0"	2	
8'-0"	14'-0"	3	
14'-0''	20'-0"	4	
20'-0"	26'-0"	5	
26'-0"	32'-0"	6	

CANTILEVER SIGN STRUCTURES ALUMINUM WALKWAY DETAILS ALUMINUM TRUSS & STEEL POST

> District 1 Sign Structure Repair and Replacement