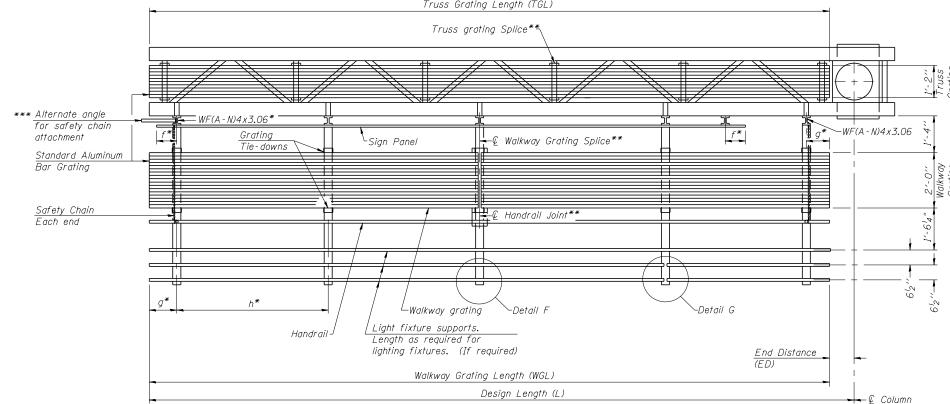


## PLAN WALKWAY AND HANDRAIL SKETCH

(Road plan beneath truss varies)



Structure Number	Station	WGL	ED	TGL
2C081LRIVR000.7	3010+20.00	-	-	12′-6"
2C081LRIVL000.6	3019+40.00	-	-	12′-6"

- \* 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 € of nearest bracket)
- h = 6' 0'' maximum ( $\ell$  to  $\ell$  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.

SECTION A-A

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

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.

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

## BRACKET TABLE

WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6					
Sign V	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			

SIGN PANEL (DMS), SIGN PANEL SUPPORTS, WALKWAY GRATING. WALKWAY SUPPORTS. HANDRAIL AND LIGHTING ARE NOT INCLUDED IN THIS CONTRACT. INFORMATION SHOWN ON THIS SHEET SHALL BE USED FOR TRUSS GRATING ONLY.

	be engineers				1	205 Nor	th M	fichigan / nols 6060
FILE NAME	: :: TDD 100	A .C	·DMCC	a	USER	NAME	=	knaus

MODEL: E 06 OSC-A-6 Cantilever Sign Structures PLOT DATE = 3/6/2014

FILE NAME = ArtCantDMS-TBD-100-ArtCantDMSSupp01.d

Sign Structure Cantilever.

Alfred Benesch & Company 205 North Michigan Avenue, Suite 2400 Chicago, Illinois 60601 312-565-0450 Job No. 10064.02

OSC-A-6

CHECKED -

DESIGNED - MFB/MFH

MFB

KJN

CHECKED - KJN

6 - 1 - 12 REVISED

REVISED

REVISED

REVISED

ITS ARTERIAL DMS POLE
CANTILEVER SIGN STRUCTURES – ALUMINUM WALKWAY DETAILS - ALUMINUM TRUSS & STEEL POST SHEET NO. 6 OF 11 SHEETS

ITS-17							
F.A.U. RTE.				COUNTY		SHEET NO.	
5756	(81-1)M	ROCK	ISLAND	217	143		
			CONTRACT NO. 64J68				
	ILLINOIS	FED.	AID PROJ	ECT			

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**