



PLAN WALKWAY AND HANDRAIL SKETCH

(Road plan beneath truss varies)

WALKWAYS ARE NOT INCLUDED WITH PROPOSED CANTILEVERS

Structure Number	Station	WGL	ED	TGL
1C045U020R015.1	83+50.00	N/A	N/A	30′-6"
1C045U020L015.7	113+23.91	N/A	N/A	38′-6"
1C045U020L015.8	122+24.46	N/A	N/A	34′-6"
1C045U020L016.0	135+24.28	N/A	N/A	31′-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 Q of nearest bracket)
- $h = 6' \cdot 0''$ maximum (£ to £ 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.

*** Alternate angle = WF(A - N)4x3.06* for safety chain ~WF(A-N)4x3.06 Grating attachment Sign Panel ← © Walkway Grating Splice** Tie-downs Standard Aluminum Bar Grating Safety Chain Each end € Handrail Joint** g* `-Detail G -Walkway grating Light fixture supports. Handrail -Length as required for lighting fixtures. (If required) End Distance (ED) Walkway Grating Length (WGL) Design Length (L) ← € Column

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

SECTION A-A

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

	.79 or WF(A-N)- 308, Alloy 6061		
Sign W	Sign Width		
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	

0SC-A-6

Sign Structure Cantilever.

7-1-10 (modified)

	1 000 N 0	/ 1 10 (modified)					
	FILE NAME =	USER NAME = \$USER\$	DESIGNED	-	AMB	REVISED -	
	\$FILEL\$		DRAWN	-	AMB	REVISED -	
ì	TENT & ASSOCIATES INC	PLOT SCALE = \$SCALE\$	CHECKED	_	MDB	REVISED -	
:	TEND TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = *DATE*	DATE	-	12/16/11	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** FAP ROUTE 345 / US ROUTE 20

CANTILEVER SIGN STRUCTURES ALUMINUM WALKWAY DETAILS					
	ALUMINUM	TRUSS &	STEEL POST		
SCALE: N.T.S.	SHEET NO. SS-6	OF SS-14	STA.	TO STA.	

SECTION TOTAL SHEE NO. 345 8R-R KANE 794 363 CONTRACT NO. 60H45