

Continuous handrail hinge

(CONTINUOUS WALKWAY GRATING) SECTION W-W

Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	Α	⑥ _B	C.	6 D
2S1011090L01.77	93+50 LT	7 1/2"	1'-1"	7′	8′-6"
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- (3) If Handrail Joint present, weld angle to WF(A-N)4 and $^{l}_{4}$ " extension bars. (See Base Sheet OS-A-11.)
- 4) $f_{2}^{\prime\prime} \times f_{2}^{\prime\prime} \times 2^{\prime\prime}$ welded to handrail posts to protect locations that contact grating.
- (5) Cabinet manufacturer must design and supply hardware for connection of cabinet to WF6's. Bolts must be stainless steel or hot dip galvanized high strength per IDOT specifications.
- (6) Based on actual height of tallest sign given on OS-A-1.

OS-A-10-DMS 1-20-11

/ 3 sides

 $\langle typ. (3)$

Grating width plus 18"

DETAIL W

(Walkway grating)

4	McChire LOCHNER		USER NAME =	DESIGNED -		REVISED -	
	Engineering Associates, Inc., Concease, INC.,		CHECKED -	DW	REVISED -		
	BWA		PLOT SCALE =	DRAWN -	JDH	REVISED -	
	Regina Welster & Assectants, Inc. GUIGG ENGINEERING INC.	PLOT DATE = 10/19/2011	DATE -	10-21-2011	REVISED -		

steel locknut and two stainless

2" x 12" x 4"

 $2'_2$ " long at continuous grating,

6" long at grating splices.

steel flat washers.

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURES ALTERNATE ALUMINUM WALKWAY DETAILS FOR DMS SHEET NO. 14 OF 20 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
90	(X2-1) R	WINNEBAGO	510	321		
		CONTRACT NO. 64C29				
ILLINOIS FED. AID PROJECT						