



BRACKET TABLE

WF6x5.40 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Grating and handrail splices placed as needed.

Notes:

- * Space walkway brackets WF6x5.40 for efficiency and within limits shown:
- f = 12" maximum, 4" minimum (End of sign to \O of nearest bracket)
- g = 12" maximum, 4" minimum (End of walkway grating to \O of nearest support bracket)
- h = 6'-0" maximum (\O to \O sign and/or walkway support brackets, WF6x5.40)

Maximum DMS weight = 5000 lbs. 4'-2" maximum cabinet depth includes depth of cabinet plus connection to WF6x5.40.
For Section B-B and Grating Splice Details, see Base Sheet OS-A-10-DMS.
For Handrail Splice Details, see Base Sheet OS-A-11-DMS.

Structure Number	Station	a	b	c	L _s	Walkway Grating and Handrail Lengths
5 S 010 1057 R226.45	472+50		10'-0"	10'-0"	Exact	10' (Lt.) & 10' (Rt.)
5 S 010 1057 L242.78	890+96		10'-0"	10'-0"	Dimensions	10' (Lt.) & 10' (Rt.)
5 S 010 1074 R172.83	1572+00		10'-0"	10'-0"	of DMS	10' (Lt.) & 10' (Rt.)
5 S 010 1074 L189.05	593+12		10'-0"	10'-0"	Cabinets	10' (Lt.) & 10' (Rt.)
5 S 010 1072 R178.29	1778+15		10'-0"	10'-0"	Unknown	10' (Lt.) & 10' (Rt.)

OS-A-9-DMS 6-1-12

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
c:\pwork\pwork\ceerlockjd\0340463\P	Z camera plans.dgn	DRAWN -	REVISED -
MODELNAME	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/26/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
ALTERNATE ALUMINUM WALKWAY DETAILS FOR DMS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	FY2014 ITS-1	CHAMPAIGN	71	28
CONTRACT NO. 70A26			ILLINOIS FED. AID PROJECT	