



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
4S0901074L100.3	495+10.00	1'-6"	21'-0"	26'-0"	26'-0"	47'-0"
**4S0901074L104.3						

**See ITS plans for existing plans for relocated sign structure.

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

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FILE NAME = xxxxxx_68620.12_w2.dgn	USER NAME = mbecker	DESIGNED - MFB	REVISIED -
		CHECKED - KJN	REVISIED -
	PLOT SCALE =	DRAWN - MFB	REVISIED -
	PLOT DATE = 7/16/2012	CHECKED - KJN	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
ALTERNATE ALUMINUM WALKWAY DETAILS FOR DMS**

SHEET NO. SS12 OF SS32 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R;14HB-4,14,14HVB]BR	TAZEWELL	2433	1632
CONTRACT NO. 68620			ILLINOIS FED. AID PROJECT	

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