



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
7S0251070R080.40	1365+00	1'-6"	20'-6"	20'-6"	30'-0"	41'-0"
7S0251057R148.4	4500+00	1'-6"	22'-6"	22'-6"	30'-0"	45'-0"
7S0181057L178.8	217+50	1'-6"	22'-6"	22'-6"	30'-0"	45'-0"
7S0181070L107.6	180+400	1'-6"	20'-6"	20'-6"	30'-0"	41'-0"
7S0121070L155.0	515+51	1'-6"	24'-6"	24'-6"	30'-0"	49'-0"

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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pwork\pwork\stevfennk\d0360593\074643-sht-detail.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/19/2014	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DT ITS 2014	*	72	45
* EFFINGHAM, CUMBERLAND			CONTRACT NO. 74643	
CLARK & LAWRENCE ILLINOIS FED. AID PROJECT				