



# PLAN WALKWAY AND HANDRAIL SKETCH

### BRACKET TABLE

WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6					
Sign V	Number				
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			

- \* 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 grating to € of nearest support bracket)
- h = 6'-0'' maximum (© to © sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
- k = 2" maximum gap between adjacent walkway grating sections and handrail ends
- \*\* If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.

For Handrail Details see Base Sheet OS-A-11.

## SECTION A-A

- Handrail, see OS-A-11

€ Walkway Grating Splice

Details F and G

see OS-A-11

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. Handrail joints, grating, and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Structure Number	Station	а	Ь	С	d	e	Walkway Grating and Handrail Lengths
5 S 057 S009 R019.00	148+15	12'-0"	60′-0"	8'-0"	-	-	60′-0"
5 S 057 S009 R019.10	156+50	53′-6"	69'-0"	7′-6"	7′-0"	37′-0"	69'(EB) & 37'(WB)
5 S 057 S009 R019.40	170+70	60′-0"	45'-0"	5′-0"	5′-0"	57'-0"	45'(EB) & 57'(WB)
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Walkway and Truss Grating width dimensions are nominal and may vary  $\pm l_2$ " based on available standard widths.

Light fixture supports...

Length as required for

SCALE:

lighting fixtures. (If required)

### 0S-A-9

Safety Chain Each end

REVISION

FILE NAME =	USER NAME = cearlookjd	DESIGNED -	REVISED -	Γ
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

----€ Handrail Joint

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4	ALU	MINUM	WALK	WAY	DETAILS		
SHEET	NO.	0F	SHEETS	STA	•	TO	STA.

ILLINOIS FED. AID PROJECT						
• V	arious	CONTRACT	NO.	46110		
	D-5 OSS REPL 2010-46	Various	77	37		
RTE.	SECTION	COUNTY	SHEETS	NO.		