



- NOTES**
- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment. Field drilled holes must be touched up with galvanized paint.
 - ② Horizontal rail member shall be continuous thru 1 1/4" φ pipe. Provide 7/16" φ hole in 1 1/4" φ pipe for 3/8" φ bolt. Field drill 7/16" φ hole in horizontal rail member. Provide washer and locknut for bolt. (Use 5/16" eyebolts in 7/16" φ holes on top rail at ends only.)
 - ③ Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends.)
 - ④ 3/8" (± 1/4") gap between grating panels at splice.
 - ⑤ Chain to be type 304L stainless steel suitable for prolonged exterior exposure. Approximately 3'-6" long chain per location. Maximum sag with handrail erected = 4".
 - ⑥ 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
 - ⑦ Extrusions may be used in lieu of details shown, with approval by Engineer.
 - ⑧ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.

BM-4 7-1-10

FILE NAME =	USER NAME =	DESIGNED - ABW	REVISED
		CHECKED -	REVISED
	PLOT SCALE =	DRAWN - KAR	REVISED
	PLOT DATE	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
WALKWAY DETAILS

*I-290/IL-53 FAI 290/FAP 342			
F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
	2011-024-SG	COOK/DuPAGE	132 124
			CONTRACT NO. 60P24
ILLINOIS FED. AID PROJECT			

SHEET NO. 84 OF 4 SHEETS