



- NOTES**
- 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.
 - Horizontal rail member shall be continuous thru 1 1/4" pipe. Provide 7/16" hole in 1 1/4" pipe for 3/8" bolt. Field drill 7/16" hole in horizontal rail member. Provide washer and locknut for bolt. (Use 5/8" eyebolts in 7/16" holes on top rail at ends only.)
 - Install standard force-fit end caps or weld 1/8" end plates with 3/8" c.f.w. and grind smooth. (All rail ends.)
 - 3/8" (± 1/4") gap between grating panels at splice.
 - 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".
 - 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
 - Extrusions may be used in lieu of details shown, with approval by Engineer.
 - 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 1-20-11

DESIGNED ATH	EXAMINED	DATE
CHECKED ADY	ACTING ENGINEER OF STRUCTURAL SERVICES	JULY 27, 2011
DRAWN baliva	PASSED	
CHECKED ATH ADY	ACTING ENGINEER OF BRIDGES AND STRUCTURES	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
WALKWAY DETAILS
SN 060-0046
SHEET 8 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3HB-1-HDF-1	MADISON	15	14
CONTRACT NO. 76F08			ILLINOIS FED. AID PROJECT	