



- 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 5/16" eyebolts in 7/16" holes on top rail at ends only.)
 - Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends.)
 - 3/8" ($\pm 1/4"$) 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

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|----------------------------------|-------------------------------|----------------|-----------|
| FILE NAME = \$FILES\$ | USER NAME = piersonbr | DESIGNED - BAS | REVISED - |
| MAURER-STUTZ ENGINEERS SURVEYORS | PLOT SCALE = | CHECKED - JAE | REVISED - |
| | PLOT DATE = 8/6/2013 \$TIME\$ | DRAWN - SGM | REVISED - |
| | | CHECKED - BAS | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
WALKWAY DETAILS
SHEET NO. 4 OF 4 SHEETS

| | | | | |
|--------------------|--------------------|---------------|------------------|---------------------------|
| F.A.I. RTE. 74 | SECTION (57-20H)BR | COUNTY MCLEAN | TOTAL SHEETS 440 | SHEET NO. 271 |
| CONTRACT NO. 70570 | | | | ILLINOIS FED. AID PROJECT |