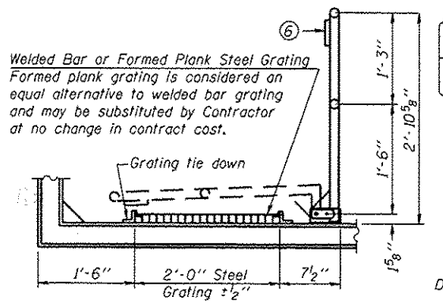
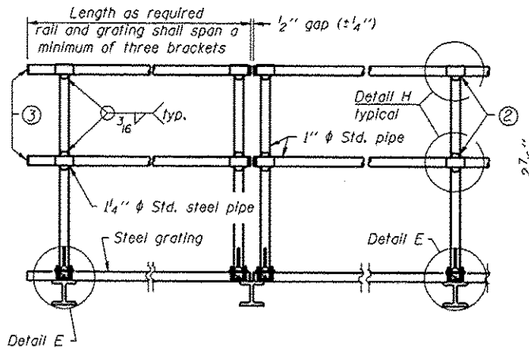
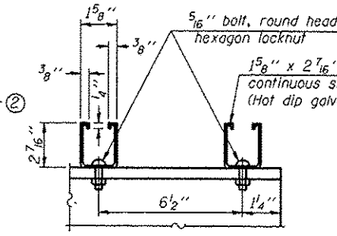


SIDE ELEVATION

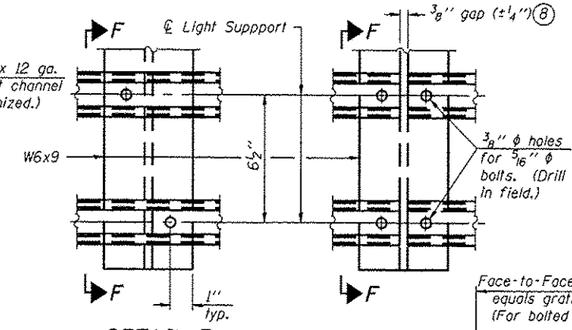


DETAIL D HANDRAIL

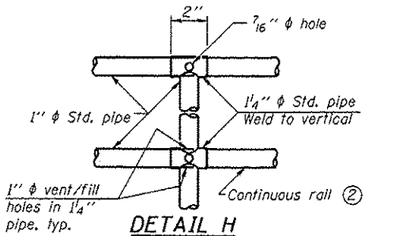


SECTION F-F
LIGHTING FIXTURE MOUNTS
(If required)

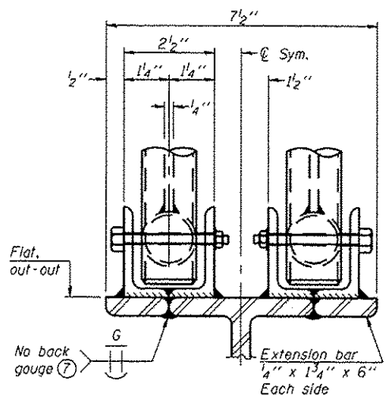
FRONT ELEVATION



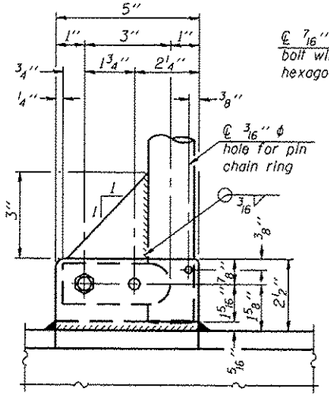
DETAIL F



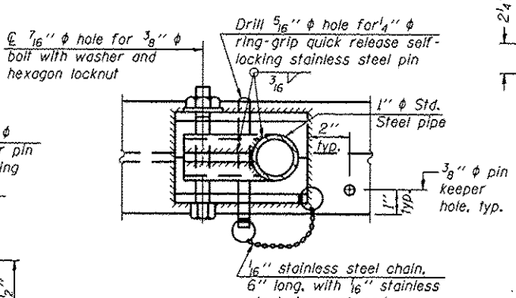
DETAIL H
Welds ⅜16" continuous



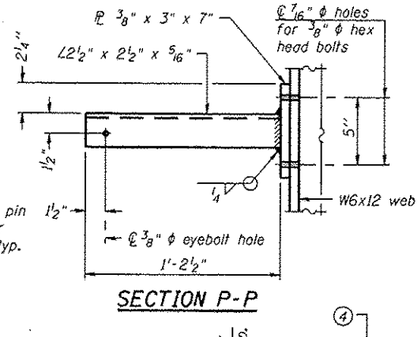
ELEVATION AT HANDRAIL JOINT
(Details not shown same as "FRONT ELEVATION")



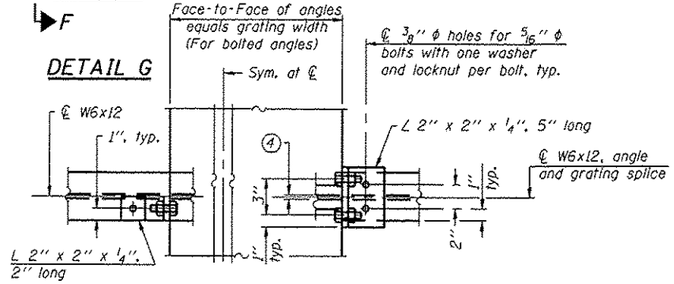
SIDE ELEVATION



PLAN AT SINGLE HANDRAIL HINGE

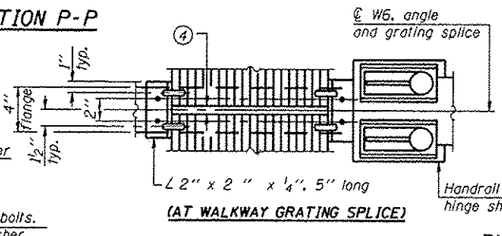


SECTION P-P

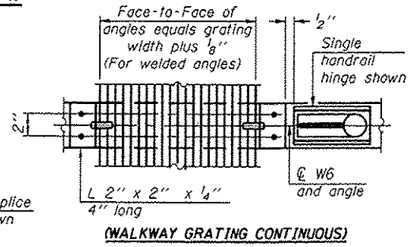


GRATING CONTINUOUS AT GRATING SPLICE

VIEW W-W

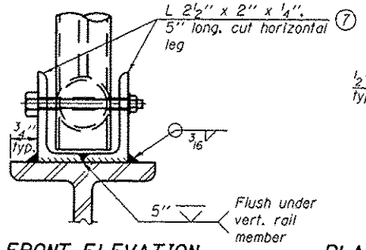


(AT WALKWAY GRATING SPLICE)

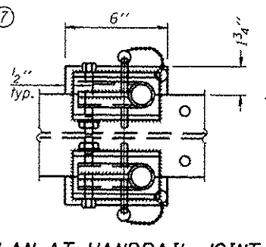


(WALKWAY GRATING CONTINUOUS)

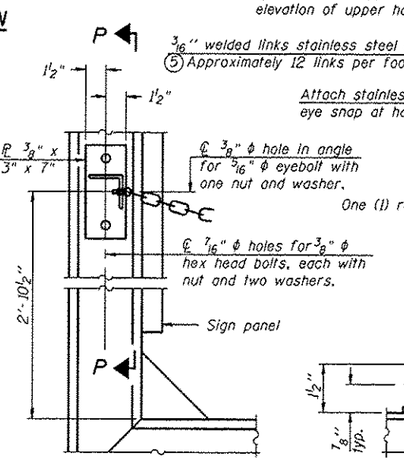
PLAN



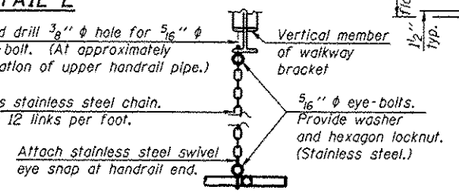
FRONT ELEVATION
(See above Elevations for dimensions.)



PLAN AT HANDRAIL JOINT
(For Details, see Elevations.)

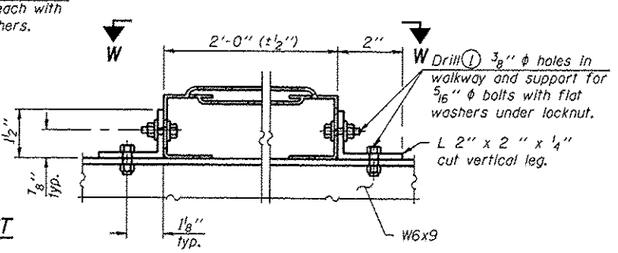


SAFETY CHAIN ATTACHMENT
(With Sign Present)
Items not shown same as "SIDE ELEVATION" and "SAFETY CHAIN"

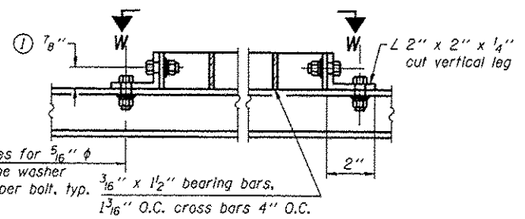


No Sign at Bracket

SAFETY CHAIN
One (1) required for each end of each walkway.



ALTERNATE FORMED PLANK GRATING DETAILS
Plank Grating: nominal depth = 2½" (±½"); perforated or expanded steel sheet with a non-skid surface (non-serrated) concentrated load capacity = 500 lbs. with 6'-0" clear span.



WELDED BAR GRATING DETAILS

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 1¼" ϕ pipe. Provide 7⁄16" ϕ hole in 1¼" ϕ pipe for ⅜" ϕ bolt. Field drill 7⁄16" ϕ hole in horizontal rail member. Provide washer and locknut for bolt. (Use ⅝" eyebolts in 7⁄16" ϕ holes on top rail at ends only.)
3. Install standard force-fit end caps or weld ⅛" end plates with ⅛" c.f.w. and grind smooth. (All rail ends.)
4. ⅜" (±¼") 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. PL ⅛" x ½" 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
6-1-12

FILE NAME = c:\pw_work\pwidot\patelyj\d0336977\D346276-sht-details.dgn	USER NAME = patelyj	DESIGNED - YOGESH PATEL	REVISED -
		DRAWN - YOGESH PATEL	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RON WOODSHANK	REVISED -
	PLOT DATE = 7/2/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
WALKWAY DETAILS

SCALE: | SHEET 8 OF 8 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80 & 39	03 OVD SIN STR REPL 14-15	LASALLE	14	14
		CONTRACT NO. 46276		
		ILLINOIS FED. AID PROJECT		