

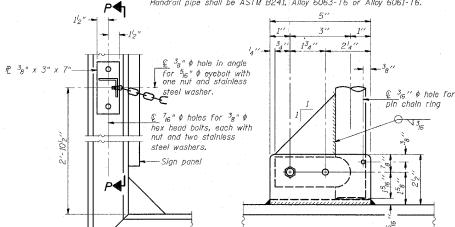
FRONT ELEVATION

SIDE ELEVATION HANDRAIL DETAILS (Showing Safety Chain W/O Sign)

Handrail pipe shall be ASTM B241, Alloy 6063-T6 or Alloy 6061-T6.

SIDE ELEVATION

Drill and ream for 38" \$ bolt



ALTERNATE SAFETY CHAIN ATTACHMENT

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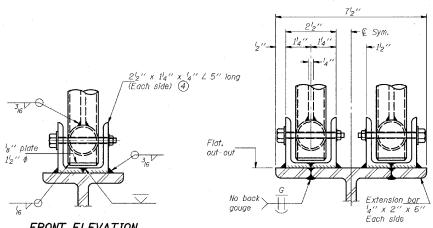
(With Sign Present) Items not shown same as "Side Elevation" of "Handrail Details"

with two hexagon locknuts and two stainless steel washers. © 7,c" ¢ holes R 38" x 3" x 7" ¼″ ¢ ring-grip quick for 30" & hex release self-locking stainless steel pin L2'2" x 2'2" x 516" 14" \$ Sch. 40 l_{l6}'' stainless steel chain, -WF(A-N)4x3.06 web 6" long, with 16" stainless ← Ç³g" ¢ evebolt hole steel ring each end 1'-21/2" DETAIL E HANDRAIL HINGE

OSC-A-8

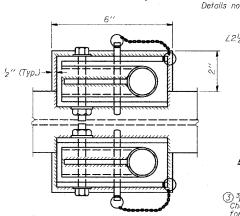
SECTION P-P

2 Horizontal handrail member shall be continuous thru fitting. Provide $^{7}_{16}$ " ϕ hole in fitting for $^{3}_{8}$ " ϕ boit. Field drill $^{7}_{16}$ " ϕ hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use $^{5}\!_{16}$ " eyebolts in $^{7}\!_{16}$ " ϕ holes on top rail at ends only.)



FRONT ELEVATION

Details not shown same as "ELEVATION" at right.



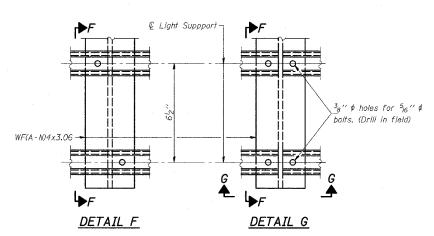
PLAN AT HANDRAIL JOINT Details not shown same as "PLAN"

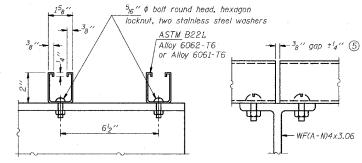
ELEVATION AT HANDRAIL JOINT (4)

Evebolt 3'-10" c<u>hain</u> ③ (ADDrox.) Bronze or stainless steel swivel eye snap

substituted with the Engineer's approval.

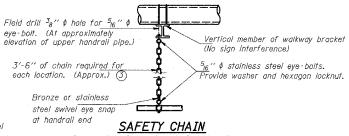
(4) Extrusions may be used in lieu of the details shown, with approval of the Engineer.





SECTION F-F SECTION G-G LIGHTING FIXTURE MOUNTS (IF REQUIRED)

(5) Fleld cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



One required for each end of each walkway.

ALTERNATE SAFETY CHAIN ATTACHMENT

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

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ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)

CANTILEVER SIGN STRUCTURES HANDRAIL DETAILS ALUMINUM TRUSS & STEEL POST

SCALE: AS NOTED DATE: MARCH 25, 2005 DRAWN BY: AMB CHECKED BY: TB

TY:LIN INTERNATIONAL