

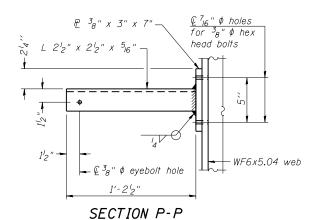
ELEVATION AT HANDRAIL JOINT (4)

See "ELEVATION" at right for dimensions.

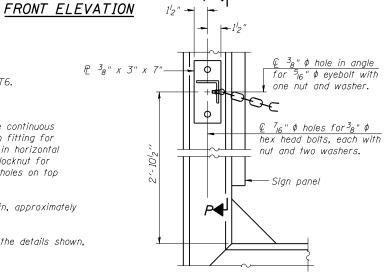
SIDE ELEVATION (Showing safety chain w/o sign)

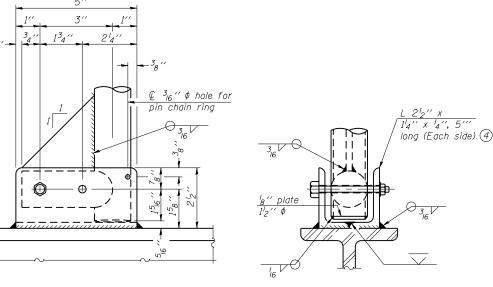
HANDRAIL DETAILS

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



- 2 Horizontal handrail member shall be continuous thru fitting. Provide ${}^7_{16}{}''$ ϕ hole in fitting 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) ³₁₆" type 304L stainless steel chain, approximately 12 links per foot.
- (4) Extrusions may be used in lieu of the details shown, with approval of the Engineer.

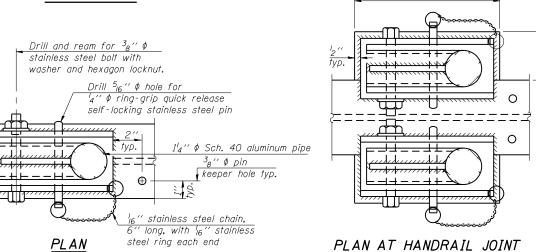


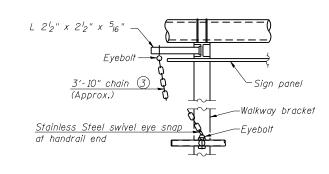


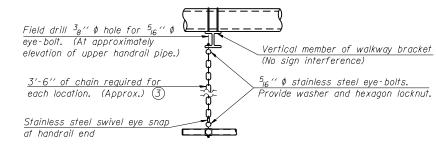
ALTERNATE SAFETY CHAIN ATTACHMENT

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

SIDE ELEVATION FRONT ELEVATION







ALTERNATE SAFETY CHAIN ATTACHMENT

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

SCALE:

SAFETY CHAIN

One required for each end of each walkway.

OS-A-11-DMS

DETAIL E HANDRAIL HINGE

6-1-12

П								
	FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -				
	c:\pw_work\pwidot\steffenmk\d0360593\D7	74643-sht-detail.dgn	DRAWN -	REVISED -				
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -				
Default		PLOT DATE = 5/22/2014	DATE -	REVISED -				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
AI TER	RNATE ALUMINUM HANDRAIL DETAILS FOR DMS			FOR DMS	VAR	D7 ITS 2014	•	72	47	
ALIENWATE ALOWINSON HANDHALE DETAILS TON DINS						* EFFIN	* EFFINGHAM, CUMBERLAND		CONTRACT NO. 74643	
	SHEET	ΩF	SHEETS	STA.	TO STA.	CLAR	CRIAWRENCE TILINOIS EED A	ID PROJECT		