STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

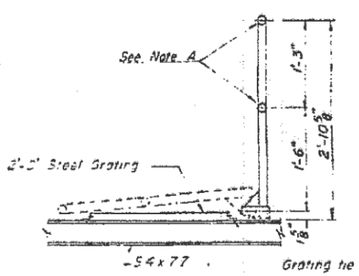
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 332	*	COOK	144	78

FED. ROAD DIST. NO. | STATE | FED. AID PROJECT

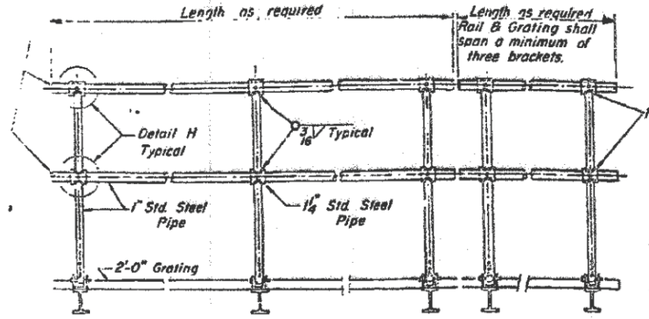
SHEET NO 4
SHEETS 6

* 03031 & 0303.1 BR-1

Contractor shall install standard force-fit end cap. (All rail ends)



SIDE ELEVATION

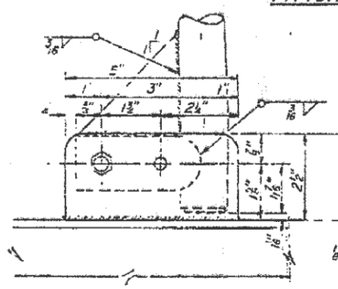


FRONT ELEVATION

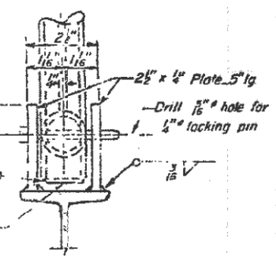
Note A
Horizontal rail member shall be continuous thru fitting. Provide 7/16" hole in fitting for 3/8" bolt. Field drill 7/16" hole in horizontal rail member. Provide washer and locknut for bolt.

Note: Handrail Pipe shall be ASTM A-53, Grade B.

TYPICAL HANDRAIL DETAIL



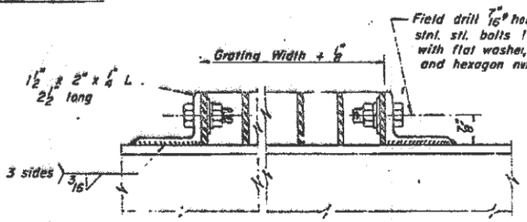
SIDE ELEVATION



FRONT ELEVATION

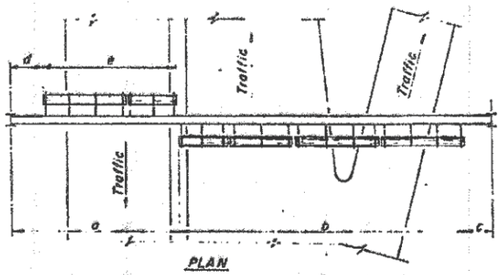
PLAN

DETAILS OF HANDRAIL HINGE



GRATING TIE DOWN

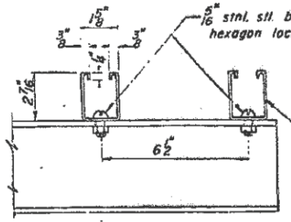
2 Req'd per Walkway Bracket



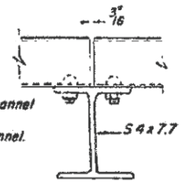
PLAN

WALKWAY AND HANDRAIL SKETCH

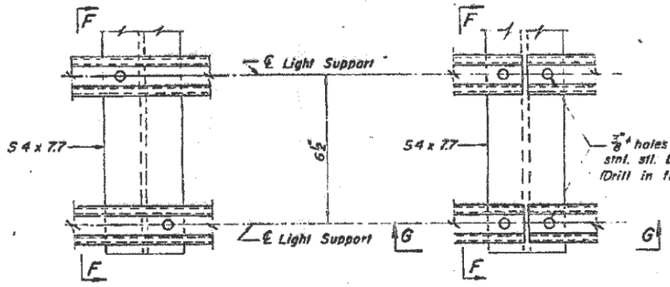
Note: Road Plan shown beneath truss just typical.



SECT. F-F



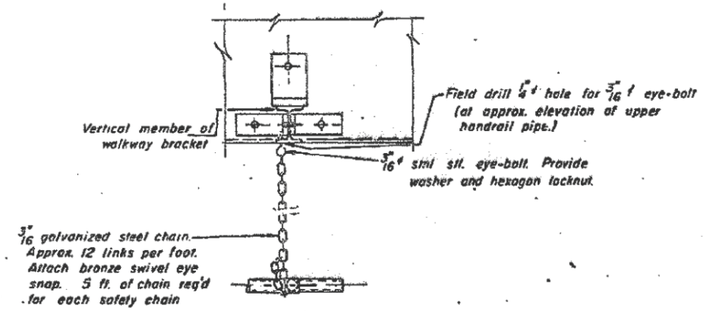
SECT. G-G



DETAIL F

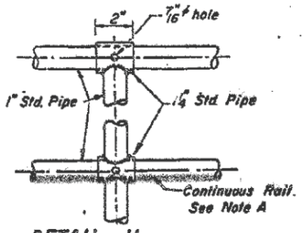
DETAIL G

LIGHTING FIXTURE MOUNTS (IF REQ'D.)



SAFETY CHAIN

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



DETAIL H
Welds 3/16 continuous

Note: All bolts, nuts, and washers shall be stainless steel, conforming to ASTM A193, Class 1, Grade B8.

Structure Number	Station	a	b	c	d	e	Grating & Handrail Lengths
TN-1	313+20	15'-0"	45'-0"	12'-0"			46.0 LIN. FT.
TS-1	277+85	15'-0"	45'-0"	12'-0"			46.0 LIN. FT.

DESIGNED	
CHECKED	
DRAWN Wm M Best	
CHECKED	

ID
EXAMINED
ENGINEER OF BRIDGE DESIGN
PLEIEN
ENGINEER OF BRIDGES AND STRUCTURES
APPROVED
DIRECTOR OF HIGHWAYS

OS-5-4 - SPECIAL

OVERHEAD SIGN STRUCTURES
STEEL WALKWAY DETAILS

FOR INFORMATION ONLY

COMPANY NAME: $COMPANY_NAME$
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 5/17/2012 1:48:11 PM
FILE NAME: 86100196.11-det-06.dgn
PLOT DRIVER: pdf.plt
PEN TABLE: Struct 22x34.tbl

C-91-631-11
86100196.11
86100196.11-det-06.dgn

HRGreen
HRGreen.com
Illinois Professional Design Firm # 184-001322

USER NAME = mhardin	DESIGNED - J. GUERRIERO	REVISED -	
	DRAWN - J. GUERRIERO	REVISED -	
PLOT SCALE = N/A	CHECKED - R. DAVIES	REVISED -	
PLOT DATE = 5/17/2012	DATE - 5/17/12	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISING PLANS
ILLINOIS ROUTE 394

SCALE: N/A | SHEET NO. 4 OF 6 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2011-073-T	COOK	44	30
		CONTRACT NO.	60P93	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		