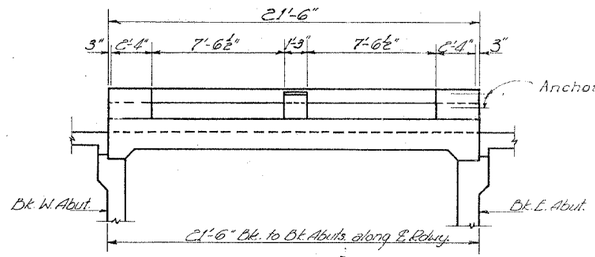
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

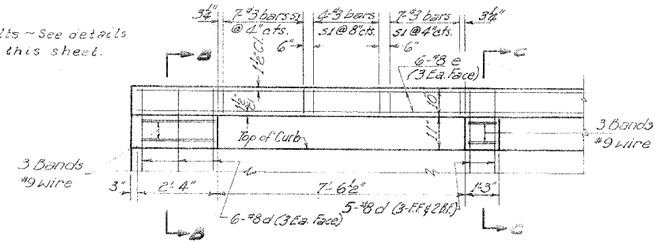
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I. Rt. 9	18R-B	IROQUOIS	-	-
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

SHEET NO. 2
4 SHEETS

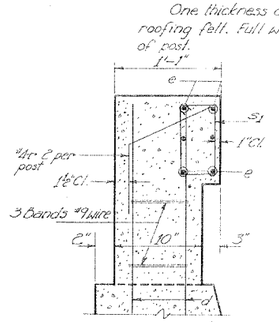
FOR INFORMATION ONLY



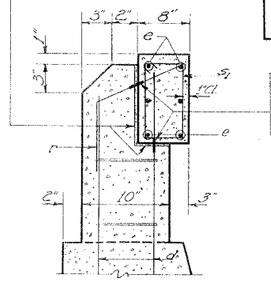
ELEVATION



INSIDE ELEVATION OF RAIL

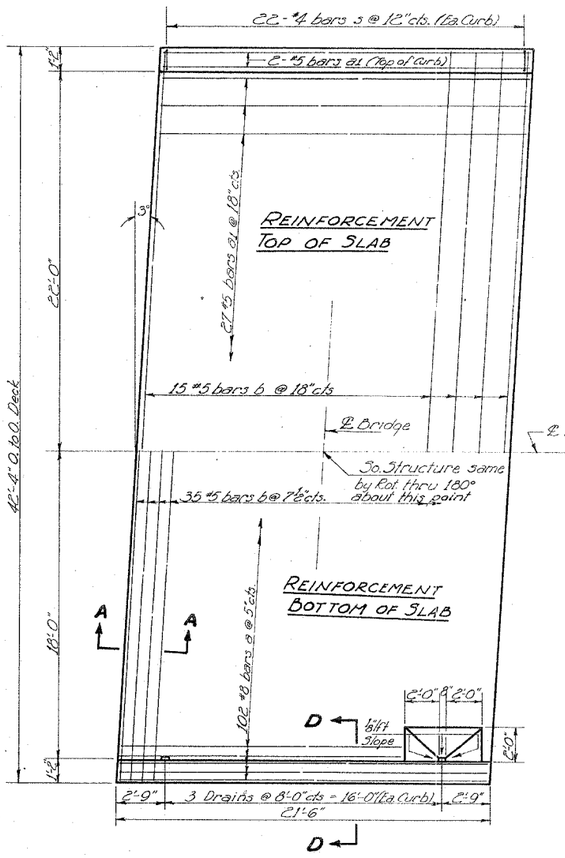


SEC. B-B

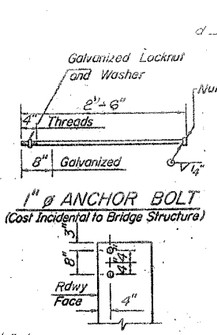


SEC. C-C

Wrap bars with three layers of fire tape 3" ea. side of joint.

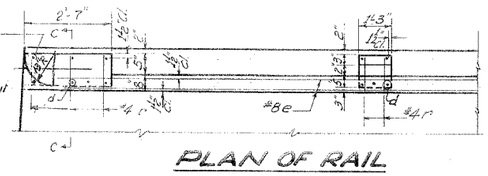


PLAN-NORTH STRUCTURE

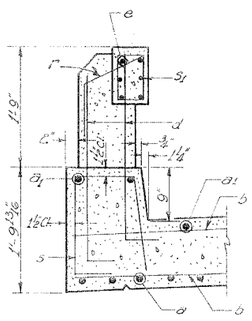


1" ø ANCHOR BOLT
(Cost Incidental to Bridge Structure)

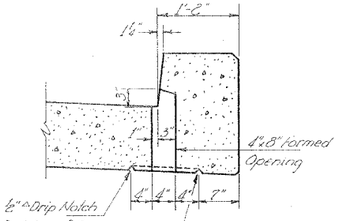
VIEW C-C



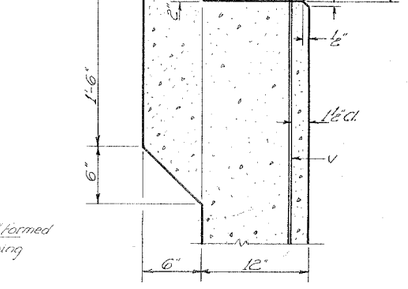
PLAN OF RAIL



SECTION D-D

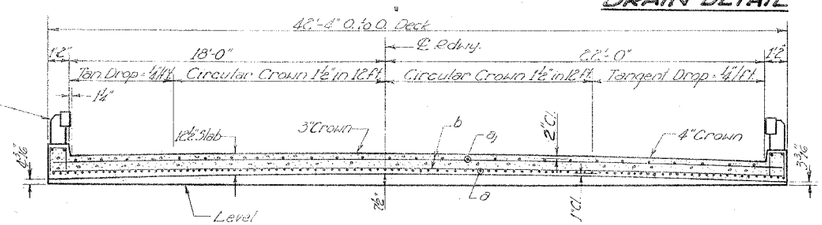


DRAIN DETAIL

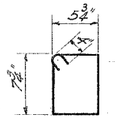


SECTION A-A

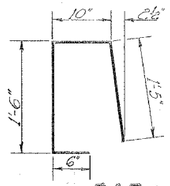
Concrete Handrail See Std. 2070 RD



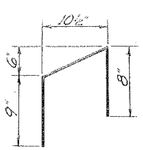
CROSS SECTION



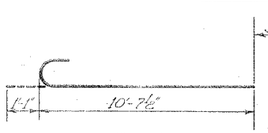
BAR s1



BAR s



BAR r



BAR a

BAR d

2-SUPERSTRUCTURES
BILL OF MATERIAL

Bar	No	Size	Length	Shape
a	204	#8	23'-5"	
a1	62	#5	21'-3"	
b	100	#5	42'-1"	
d	68	#8	3'-3"	L
e	84	#8	21'-0"	
r	78	#4	2'-5"	
s	88	#4	4'-3"	
s1	144	#3	2'-11"	
Class X Concrete			Cu. Yds.	76.8
Reinforcement Bars			Lbs.	20,790
Handrail Concrete			Cu. Yds.	2.7

DESIGNED	Ronald Haahke	JUNE 26 1962
CHECKED	J. Yamasaki	EXAMINED W. E. Bauman, ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
	A. Barraza	PASSED , ENGINEER OF DESIGN
DRAWN		APPROVED R. L. Bartelsmeyer, CHIEF HIGHWAY ENGINEER
CHECKED	J.A.P.	

SUPERSTRUCTURE
S.B.I. RT. 9 SEC. 18R-B
IROQUOIS COUNTY
STA. 2917+17.50

Revised 11/26/65 Handrail Changed from Std. 2070 RB Type 3B to Std. 2070 RD. — Added bars s1 & bar d chgd. from 104-#5 (straight) to 68-#8 (L shape), bar e chgd. from 32-#5-9'-6" to 28-#8-19'-2", bar r chgd. from 48-#4-2'-1" to 24-#4-2'-3". Total of Reinf. Bars Chgd. from 19,420 Lbs. to 20,790 ℄ Handrail Conc. Chgd. from 2.8 Cu. Yds. to 2.7 Cu. Yds. R.A.Z./RR. 4-1-68 JMJ. added anchor bolt detail.

DIETZGEN NO. 128 IMPERIAL