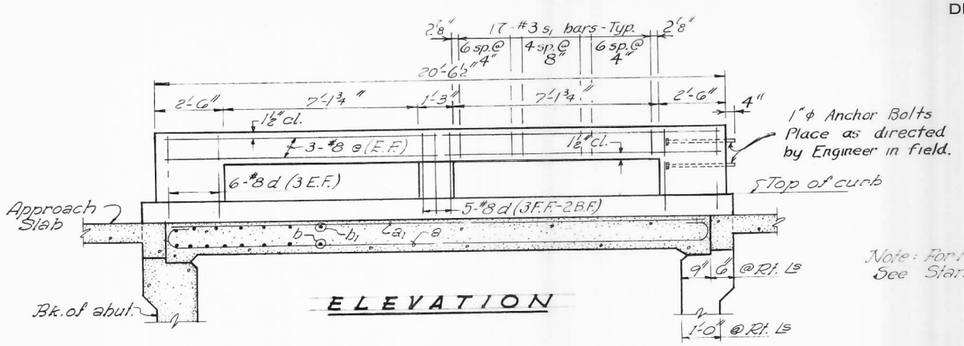
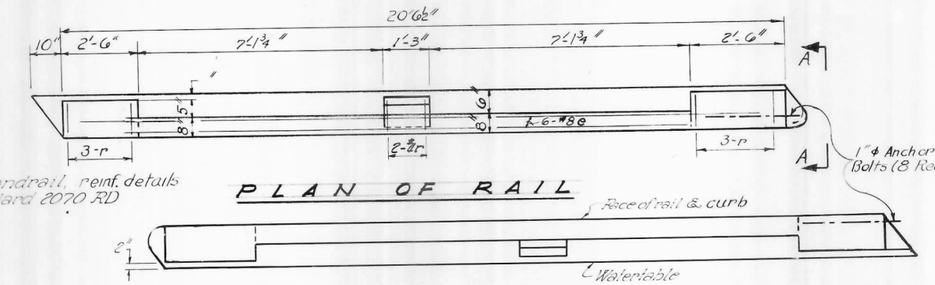
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

S.B.I. F.A.I. 57	*	IROQUOIS	82	3.9	5 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

* 38-4, 4B, 4B-1, 4B-2, 4B-3



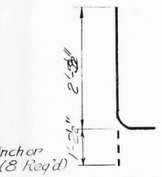
ELEVATION



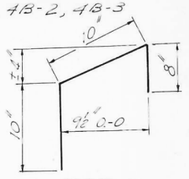
Note: For handrail reinf. details See Standard 2070 RD

PLAN OF RAIL

PLAN OF RAIL - NORTHBOUND LANES
Southbound similar by rotation thru 180°



BAR d



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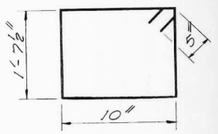
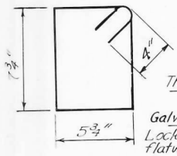
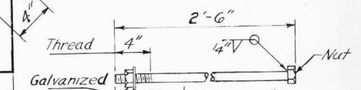


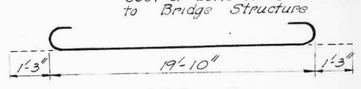
BAR s



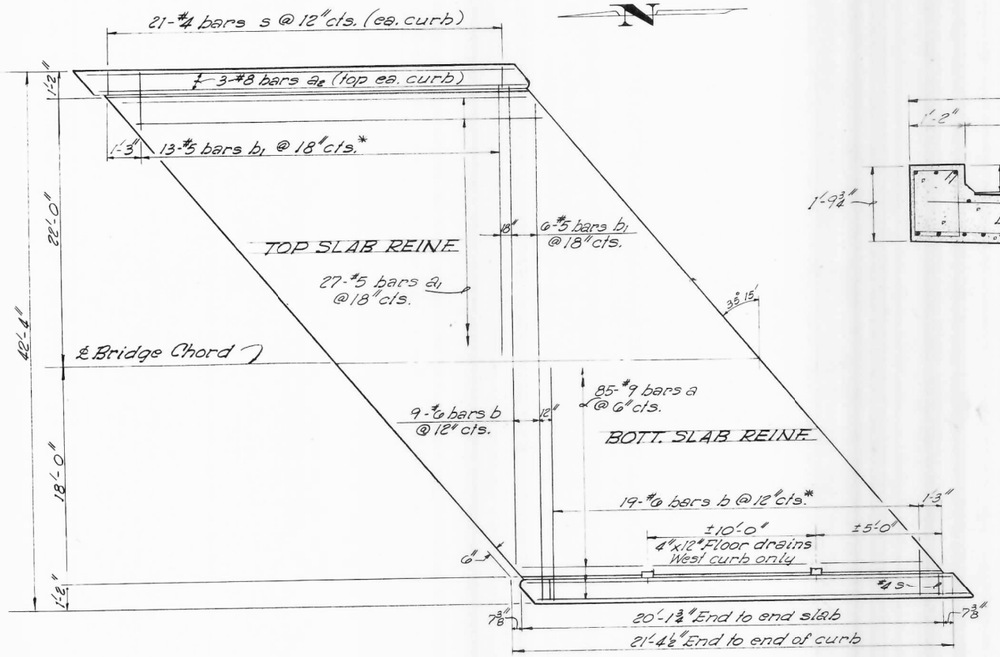
BAR s1



1" ϕ ANCHOR BOLTS
Cost of bolts to be incidental to Bridge Structure

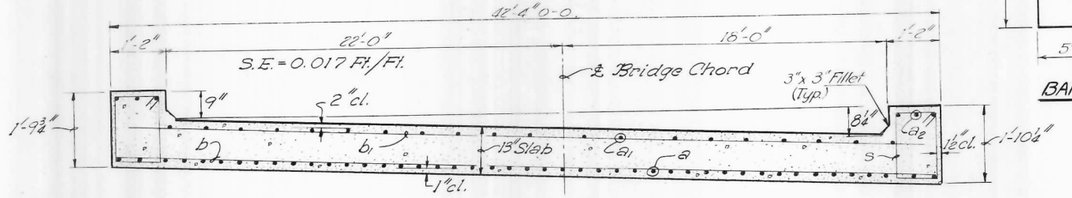


BAR a

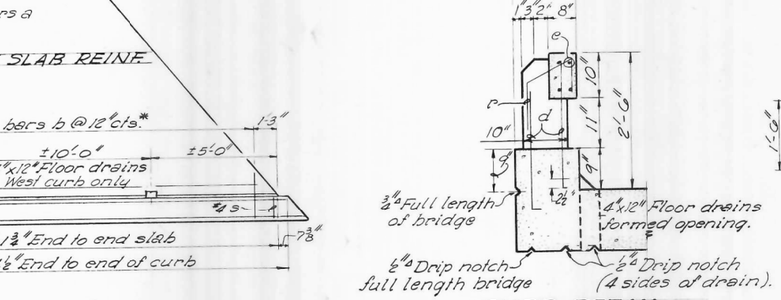


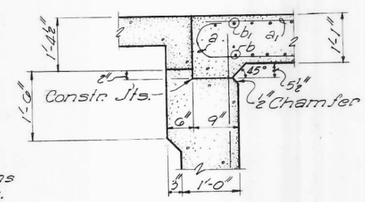
PLAN

Note: Plan of east structure shown. West structure similar by rotation of 180° except as noted.



CROSS SECTION

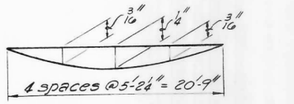




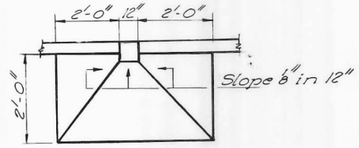
SEC. @ ABUT.

*Order b and b1 bars full length. Cut to fit, skew and use remainder in opposite end.

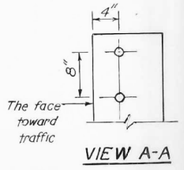
CURB DETAIL



DEAD LOAD DEFLECTION DIAGRAM
In addition to D. Defl., contractor shall allow shrinkage and settlement of forms.



4"x 12" DRAIN DETAIL



VIEW A-A

BAR LIST- TWO SLABS

Bar	No.	Size	Length	Shape
a	170	#9	22'-4"	——
a1	57	#5	19'-10"	——
a2	12	#8	21'-0"	——
b	56	#6	28'-0"	——
b1	38	#5	28'-0"	——
d	68	#8	3'-8"	⌐
e	24	#8	20'-0"	——
c	32	#4	2'-4"	⌐
s	84	#4	5'-9"	⌐
s1	136	#3	2'-11	⌐

BILL OF MATERIAL - SUPER.

Handrail Concrete	Cu. Yds.	2.9
Class X Concrete	Cu. Yds.	75.0
Reinforcement Bars	Lbs.	20,630
Name Plates	Each	2

DESIGNED	Nasir R. Jahroddin	EXAMINED	DEC 3 19 82
CHECKED	James J. Warning		ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN	NRF	PASSED	E. L. Shenk
CHECKED	James J. Warning		ENGINEER OF DESIGN
		APPROVED	D. E. Groff
			CHIEF HIGHWAY ENGINEER

SUPERSTRUCTURE

F.A.I. ROUTE 57
SEC. 38-4B-3
IROQUOIS COUNTY
STATION 507 + 51

FILE NAME = c:\pw_work\pwidot\duncanbd\dms30308\ep25005-sht-F10.DGN	USER NAME = duncanbd	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/2/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
EXISTING SN 038-0167/0168

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	IROQUOIS	190	87
*(38-4)RS-2, (38-4)BR,BR1,BR3		CONTRACT NO. 66757		
ILLINOIS FED. AID PROJECT				