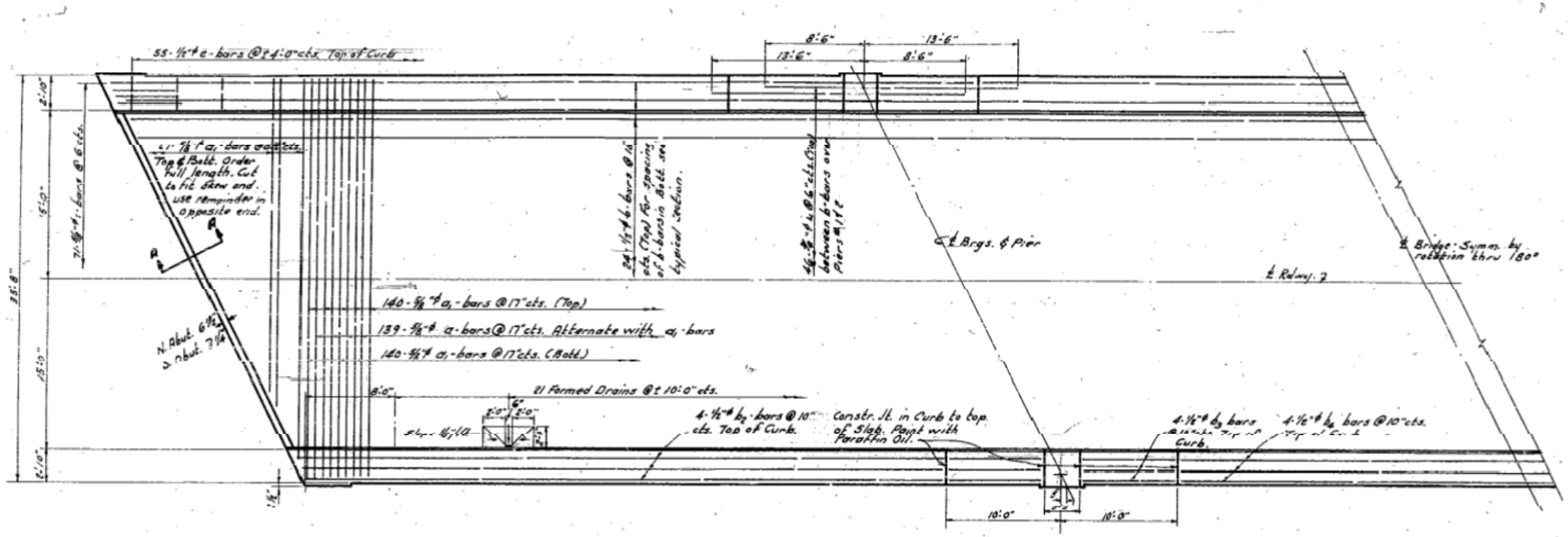
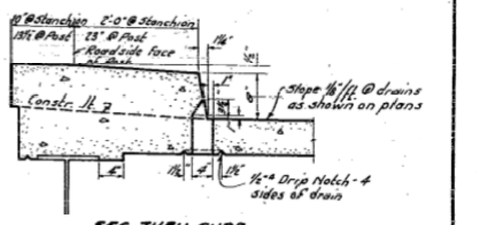
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROAD DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
26	141B	Iroquois	13	3

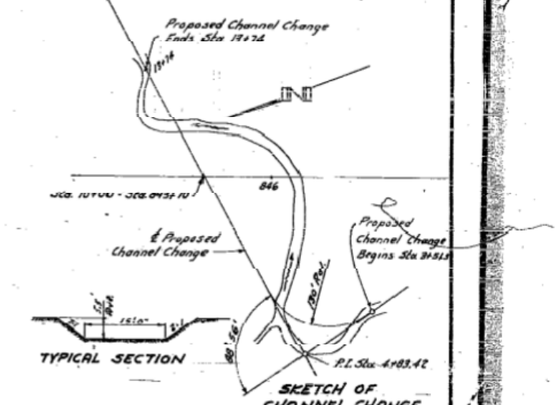
SHEET NO. 2
8 SHEETS



HALF PLAN

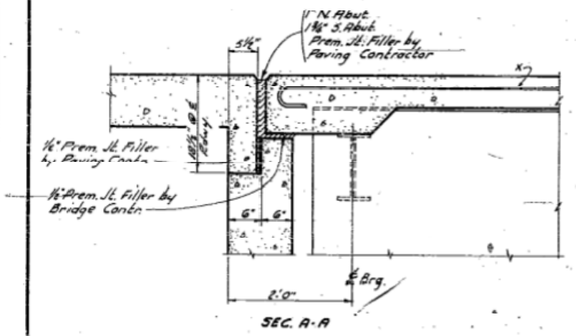


SEC. THRU CURB

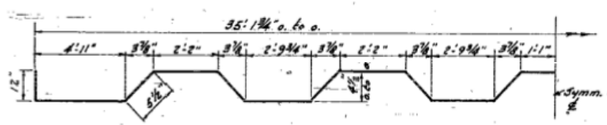


TYPICAL SECTION

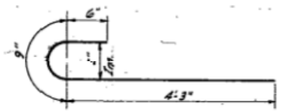
SKETCH OF CHANNEL CHANGE



SEC. A-A

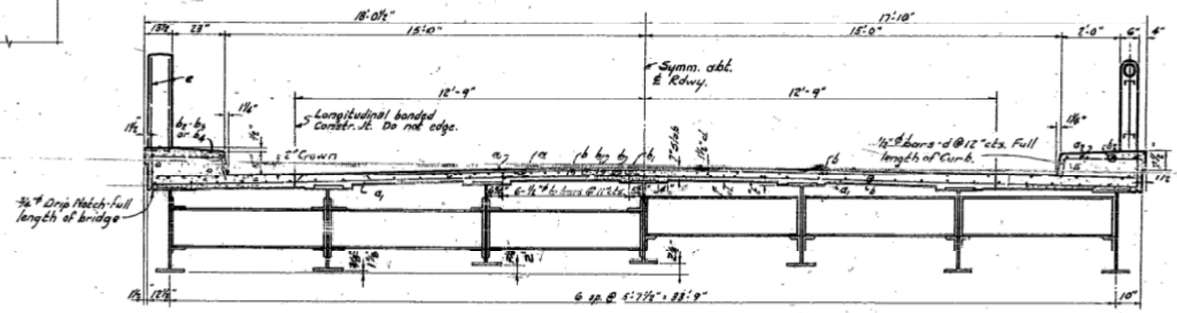


BAR - A



BAR - X

D.L. DEFLECTION DIAGRAM @ ½ POINTS



HALF SECTION @ PIER @ Rt. Ls. to ℄ Rdwy.

HALF SECTION @ ABUT. @ Rt. Ls. to ℄ Rdwy.

Dimensions in cross section corrected after award 2-28-51

BILL OF MATERIAL - SUPER

Bar	No.	Size	Length	Shape
a	139	5/8"ϕ	38'-6"	
a2	279	5/8"ϕ	38'-6"	
a1	110	5/8"ϕ	2'-6"	
b	558	½"ϕ	24'-6"	
b1	92	½"ϕ	22'-0"	
b2	92	½"ϕ	29'-0"	
b3	24	½"ϕ	0'-3"	
b4	24	½"ϕ	21'-0"	
d	420	½"ϕ	1'-0"	
x	142	5/8"ϕ	5'-6"	
Class X Concrete			Cu. Yds.	204.7
Reinforcement Bars			Lbs.	12370
Name Plate			Each	One
* Structural Steel			Lbs.	275500

* Includes steel for bearings

Note - Fillet height equals the difference between the underside of the top flange of Beam and bottom of Slab plus D.L. Deflection.

SUPERSTRUCTURE
LANGAN CREEK BRIDGE
PROJECT F.I.-29 (1)
F.A.RTE. 26
SECTION [redacted]
IROQUOIS CO.
STA. 343+70 (1)

DESIGNED Carroll E. Taylor
CHECKED Harry P. Graham
DRAWN C.E.T. 3-1952
CHECKED H.P.G.

ENGINEER 10-23-1950
PASSED [signature]
APPROVED C.M. Hathaway

FOR INFORMATION ONLY

	DESIGNED	REVISED
	CHECKED	REVISED
	DRAWN	REVISED
PLOT DATE = 12/7/2012	CHECKED BJM	REVISED

Wight

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS
STRUCTURE NO. 038-0215 (S.B.)
SHEET NO. 10 OF 19 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	141 BR(SB) & 38-1 BR(NB)	IROQUOIS	138	86
		CONTRACT NO. 66944		
		ILLINOIS FED. AID PROJECT		

12/7/2012 4:52:48 AM 0388215.66944.001.EXIB.dgn