

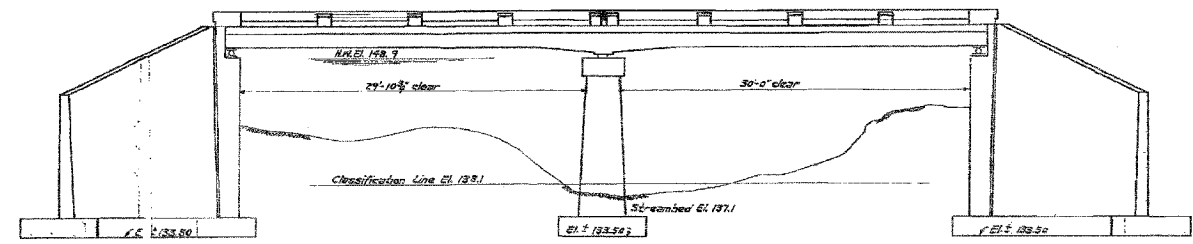
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
U.S. 45	34 BR-1	IROQUOIS COUNTY	37	25
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
CONTRACT # 6641				

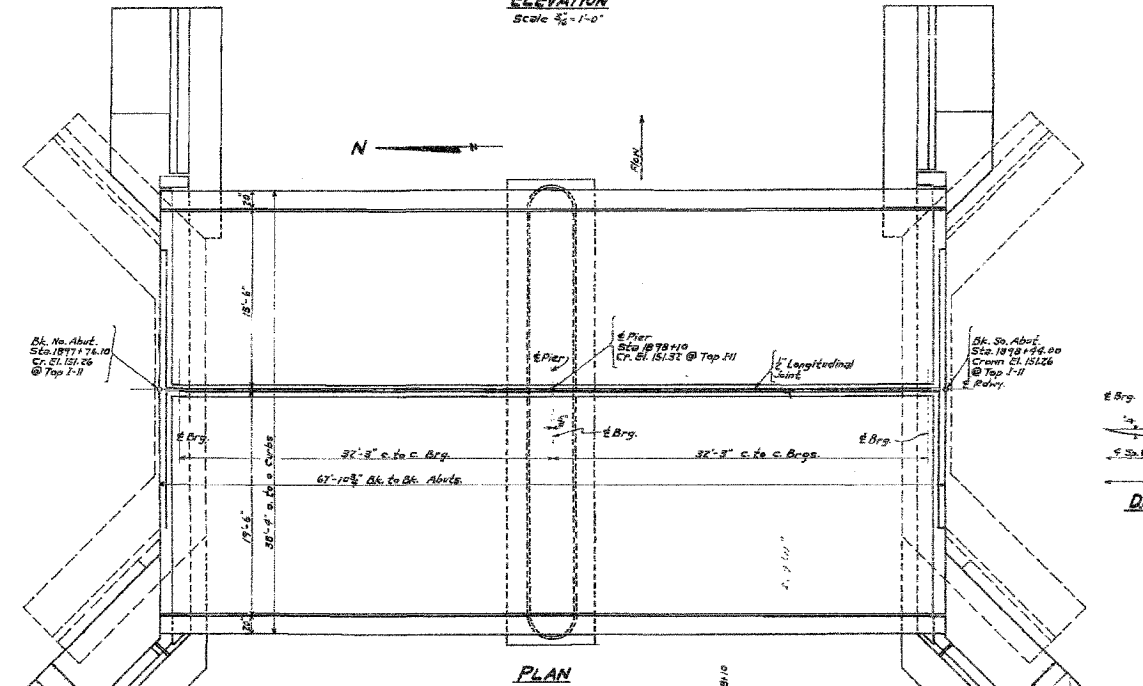
8" x 11" Top of Abut. Elev. 150.50  
Elev. 150.50  
Substructure R.C. Check Abut. & Piers. Check for concrete  
entire superstructure and portions of substructure as indicated  
on plan. 1/4" = 1'-0". Cont. in Str. Super.

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

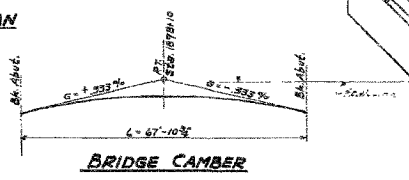
DATE	BY	CHKD.	APP'D.
11-1-51	W.E. Hanson	W.E. Hanson	W.E. Hanson
PROJECT NO. 6641			



ELEVATION  
Scale 3/4" = 1'-0"



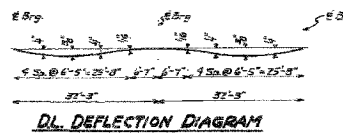
PLAN



BRIDGE CAMBER

GENERAL NOTES

Class X Concrete shall be used throughout except as noted.  
Reinforcing steel shall be as specified in the notes.  
The concrete shall be placed in layers not exceeding 12" in thickness.  
The concrete shall be finished in accordance with the notes.  
At structural steel shall be as specified in the notes.  
All materials shall be tested and approved by the Engineer.  
Structural steel shall be fabricated in the shop under the supervision of the Engineer.  
All reinforcing steel shall conform to ASTM Specifications.  
For water proofing see Special Provisions.



DL DEFLECTION DIAGRAM

TOTAL BILL OF MATERIAL

ITEM	QUANTITY	UNIT	PRICE	TOTAL
Class X Concrete	152.5	cu yd	2.15	327.88
Reinforcing Steel	12.5	tons	18.00	225.00
Structural Steel	1.5	tons	15.00	22.50
Name Plate	1	each	10.00	10.00
Removal of Old Super	1	each	10.00	10.00
Concrete Removal	10.0	cu yd	1.00	10.00
Expansion Bolts	10.0	each	1.00	10.00
Class A Sewer	10.0	ft	4.00	40.00
Class B Sewer	10.0	ft	2.00	20.00
Temp. Bridge Camp	1	each	1.00	1.00
Rem. Temp. Bridge	1	each	1.00	1.00
Transporting Temp. Bridge	1	each	1.00	1.00
Bit. Concrete Surface Crse	1.5	tons	1.50	2.25

STATION 1878+10  
BUILT 1952 BY  
STATE OF ILLINOIS  
S.B.I. RT. 25 SEC. 34 BY  
F.A. PROJ. F-29(10)  
LOADING 1120-516

NAME PLATE  
See Sp. 1801

STRESSES  
f<sub>c</sub> = 1400 P.S.I. SEPER  
f<sub>s</sub> = 800 P.S.I. SLS  
f<sub>s</sub> = 24,000 P.S.I. SEPER  
f<sub>s</sub> = 18,000 P.S.I. SEPER 8/15/51  
n = 10 1120-516-49 Loading

PROJ. F-29(10)  
F.A. RT. 25 (S.B.I. RT. 25) SEC. 34 BY  
IROQUOIS COUNTY  
STA. 1878+10

DESIGNED: W.A. Jandoval  
CHECKED: W.E. Hanson  
DRAWN: R.A.S.  
CHECKED: W.E. Hanson  
Nov 16 1951  
W.E. Hanson  
F.A. Hanson

DESIGNED	M.R./R.A.
CHECKED	H.T.
DRAWN	J.S.
CHECKED	H.T./M.R.

FOR INFORMATION ONLY

SCALE: NONE DATE: JULY, 2006

Soodan  
Soodan & Associates, Inc.  
100 North LaSalle Street, Suite 1800  
Chicago, Illinois 60602