FOR INFORMATION ONLY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	36 BR	IROQUOIS	21	21B
STA. 1248+00		TO STA. 1254+50		
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		

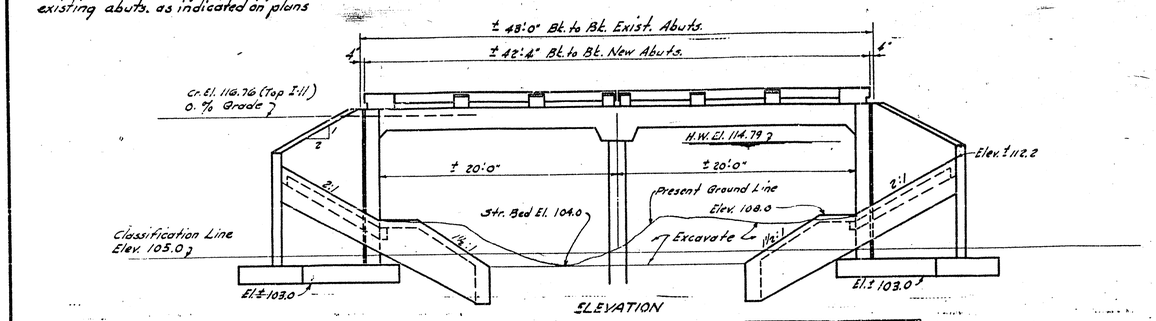
CONTRACT NO. 66171

B.M. Top S.W. Abut. Elev. 116.5
Existing Structure R.C. Thru Girder 1@40'-0" Rdwy. 20'-0" R.C. Closed Abuts. Contractor shall remove existing super & portions of existing abuts. as indicated on plans

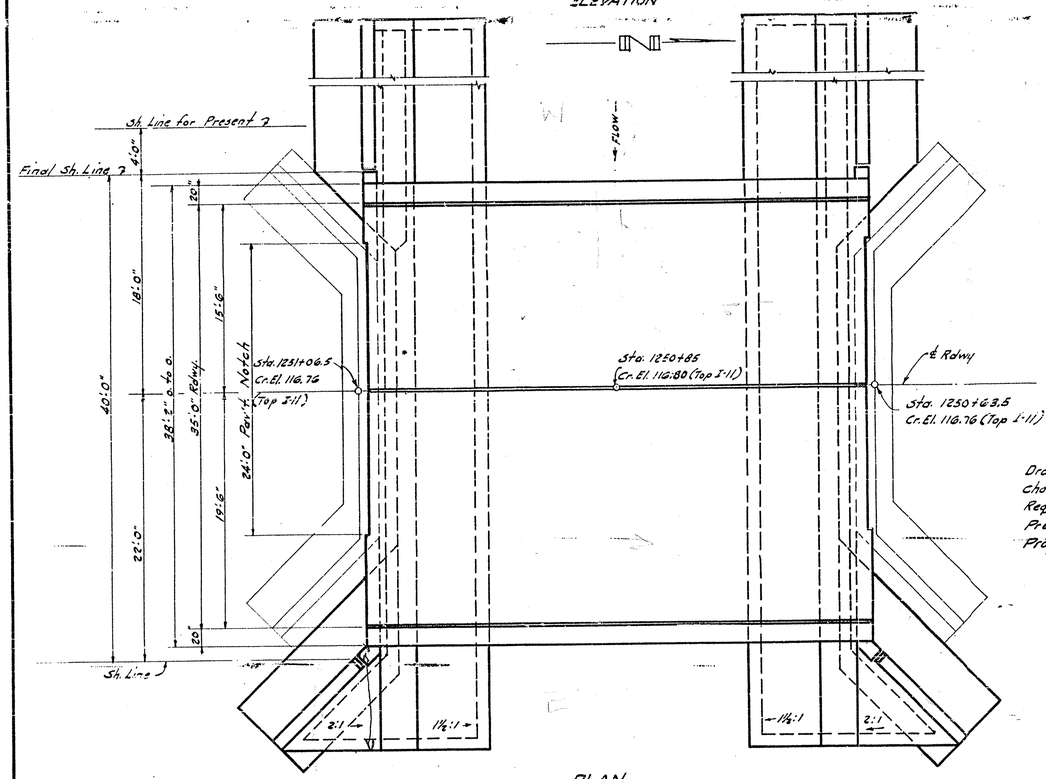
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE SBI.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 25	36 BY	Iroquois	24	18
F.A. -				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		

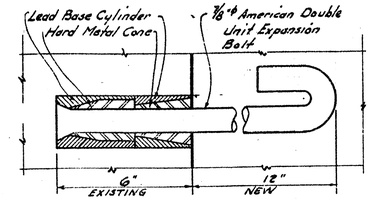
SHEET NO. 1
4 SHEETS



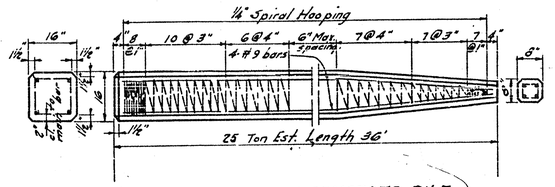
ELEVATION



PLAN



DETAIL OF EXPANSION BOLT



DETAIL OF PRECAST CONCRETE PILE

GENERAL NOTES

Class X Concrete shall be used thruout except in Handrail.
Handrail Concrete shall be used in Handrail.
The concrete floor slab on each side of the center line joint shall be poured in one continuous operation.
Handrail shall not be poured until falsework has been removed.
The cost of cement nails and joint filler shall be included in the unit price for Class X Concrete.
The contract unit price for Expansion Bolts shall include furnishing, drilling holes, and setting Expansion Bolts.
Backfilling shall be done in accordance with Art. 50.10 of the Std. Specs.
For waterproofing see Special Provisions.
The Contractor shall drive one test pile in permanent location as directed by the Engineer, before casting remainder of piles.
Concrete floor slab shall be finished in accordance with the applicable provisions of Section 29 of the Std. Specs.
Bridge Contractor shall excavate channel as shown for 50' each side of ℄ Roadway

STA. 1250+85 (1)
BUILT 1951 BY
STATE OF ILLINOIS
S.B.I. RT. 25 SEC. 36-BY
F.A. PROJ. FI-29(13)
LOADING H-20-S16

NAME PL DATA
STA 1081

WATERWAY INFORMATION

Drainage Area	3000 Acres
Character	Rolling, Cult. & City of Gilman
Req'd Opening (C=0.6 Talbot's)	243 sq. ft.
Present Opening	323 sq. ft.
Proposed Opening	369 sq. ft.

TOTAL BILL OF MATERIAL

ITEM		SUPER	SUB	TOTALS
Reinforcement Bars	Lbs.	15,140	4,930	20,070
Class X Concrete	Cu. Yds.	67.8	87.4	155.2
Handrail Concrete	Cu. Yds	1.9		1.9
Name PL	Ea.	One		One
Expansion Bolts	Ea.		76	76
Slope Wall	Sq. Yds.		270	270
16" Precast Conc. Piles (Lt. 36')	Lin. Ft.		216	216
Test Pile	Ea.		One	One
Class "A" Excav. for Struct.	Cu. Yds.		220	220
Class "B" Excav. for Struct.	Cu. Yds.		120	120
Channel Excavation	Cu. Yds		250	250
Concrete Removal	Cu. Yds.		2.0	2.0
Removal of Exist. Super.	Ea.	One		One
Temporary Bridge Complete	Ea.			One
Removal of Temporary Bridge	Ea.			One
Transporting Temporary Bridge				Lump Sum

STRESSES

f_a	20000 #/□"
f_b	1400 #/□" Positive
f_c	1400 #/□" Negative
f_v	800 #/□"
n	10

DESIGNED	Ralph Woolcott	Apr 16 19 52
CHECKED	James J. Waverenig	EXAMINED W. G. Hanssen, ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN	R.H. Sugar	PASSED F. H. Shaw, ENGINEER OF DESIGN
CHECKED	James J. Waverenig	APPROVED A. N. Barker, CHIEF HIGHWAY ENGINEER

GENERAL PLAN & ELEVATION
PROJ. FI-29(13)
F.A. RTE. 26 (S.B.I. RT. 25) SEC. 36-BY
IROQUOIS CO.
STA. 1250+85 (1)

Loading H20-S16