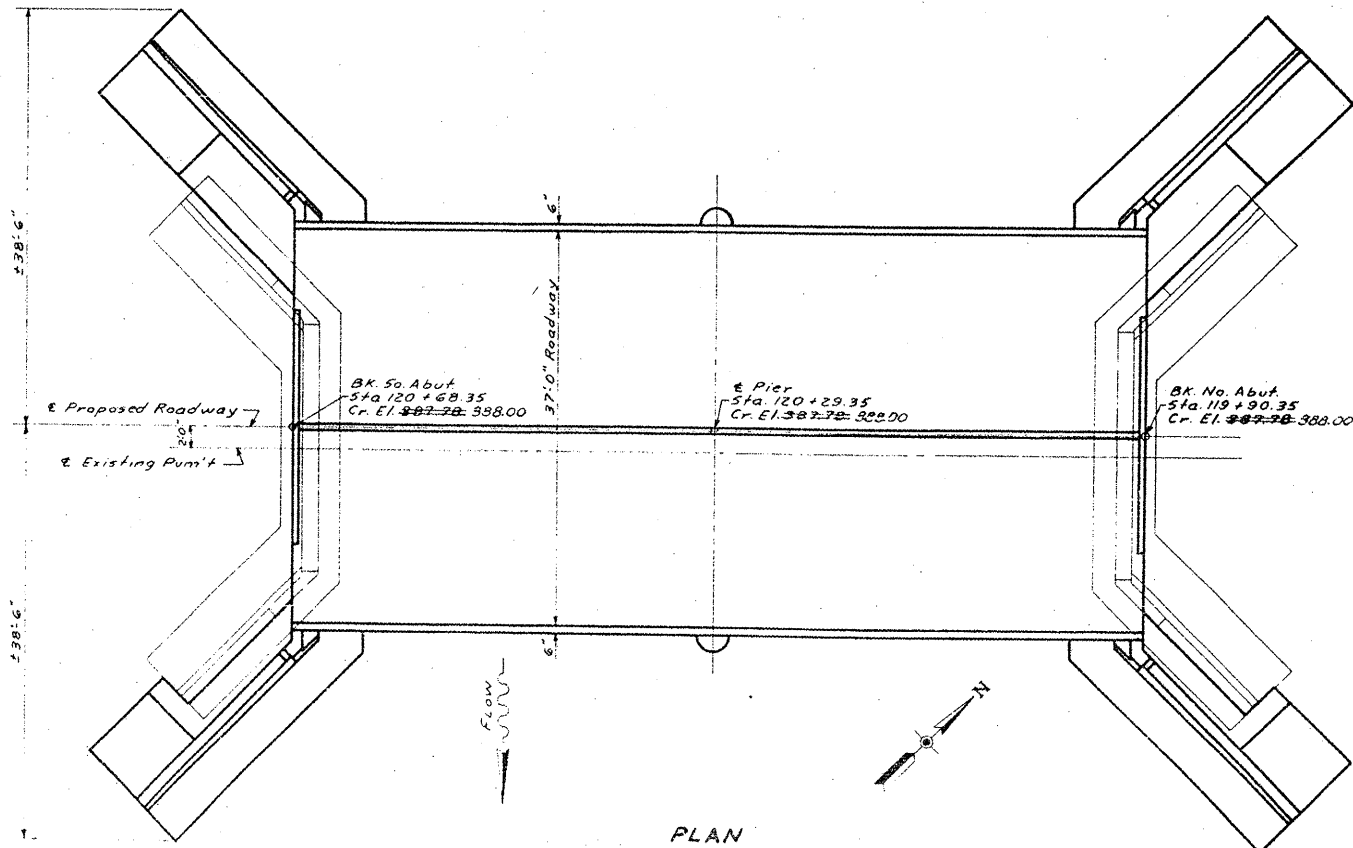
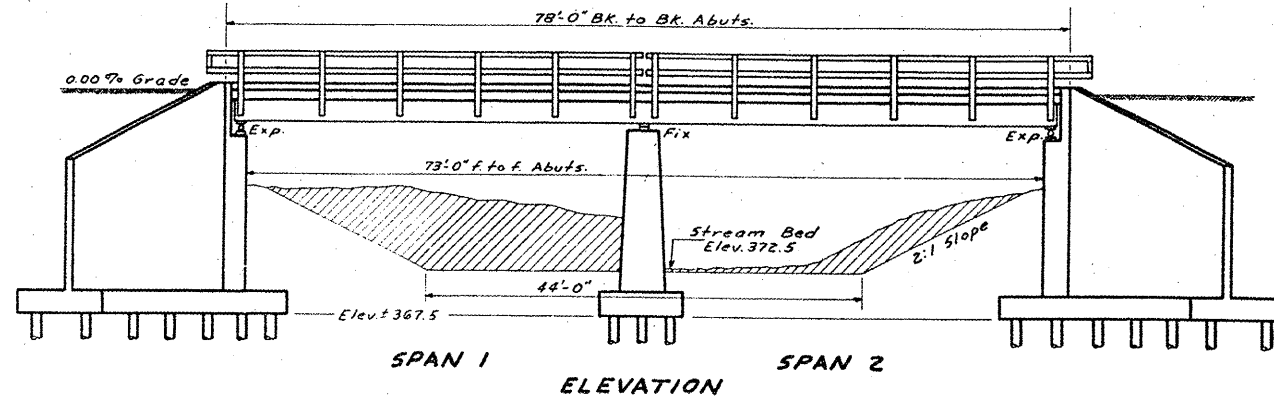


B.M. x Top N.E. Wingwall of Bridge  
 Sta. 120+29 Elev. 385.77  
 Existing Structure: R.C. Thru Girder  
 @ 35' Rdwy. 20' R.C. Abutts.  
 Bridge Contractor to remove superstructure  
 during construction of new Bridge.  
 No Salvage of Superstructure.

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

VARIOUS ROUTES  
 D9 BRIDGE PAINTING FY 09-1  
 VARIOUS COUNTIES  
 CONTRACT 78093  
 FOR INFORMATION ONLY  
 SHEET 21 OF 31



**GENERAL NOTES**  
 Class X Concrete shall be used thru out.  
 Concrete floor slab shall be finished in accordance with Art. 61.3 (e) of the Standard Specs. and shall be poured in one continuous operation on either side of the center joint.  
 All connections shall be riveted, except as noted. Rivets shall be 3/4" and holes 1/2", except as noted. All holes for splices shall be punched 1/2" and reamed to proper size (1/2" in web and 1/2" in flange) with all stringers assembled in shop in proper position with or without diaphragms in place. Leave assembled in shop for inspection.  
 All rollers, bearing plates, lead plates, and Anchor bolts shall be finished, painted and set in accordance with Art. 54.3 (d) of the Standard Specs. and are included for payment as structural steel. Est. Weight 6190 #.  
 Structural Steel shall receive one shop coat of red lead paint after inspection and two field coats of Aluminum paint. All paint to be furnished and applied by the Contractor.  
 Anchor bolts shall be set before riveting diaphragms over abutments and piers.  
 Welding shall comply with Art. 55.6 (36) of the Standard Specs.  
 Railing shall be readjusted to true alignment after the floor slab and curb have been poured.  
 The contract unit price each for "Expansion Bolts" shall include furnishing, drilling holes and setting Expansion Bolts.  
 For waterproofing at backs of Abutments. See Special Provisions.

STATION 120+29.35  
 BUILT 1950 BY  
 STATE OF ILLINOIS  
 S.B.I. RT. 1 SEC. 5-B-Y  
 F.A. PROJ. F-52(7)  
 LOADING H20-516

NAME PLATE  
 See Std. 1801

**TOTAL BILL OF MATERIAL**

Item	Super	Substr	Total
Class X Concrete cu.yds.	70.5	3427.40	3497.90
Reinforcement Bars lbs.	13,150	21990	35140
Structural Steel lbs.	81,990		81,990
Name Plate ea.	1		1
Untr. Timber Piles (30'lg) lin.ft.		3990	3990
Removal of Ex. Structures ea.		1	1
Masonry Removal cu.yds.		89.3	89.3
Expansion Bolts ea.		45	45

**WATERWAY INFORMATION**  
 Drainage Area 11,520 Acres  
 Character Rolling  
 Opening Req'd. (C=45 Talbot) 500 Sq Ft  
 Proposed Opening 753 Sq Ft

**STRESSES**  
 F<sub>s</sub> 20,000 Reinf.  
 F<sub>s</sub> 18,000 Structural  
 F<sub>c</sub> 1200 Super  
 F<sub>c</sub> 800 Sub  
 n=10  
 H 20 S 16 44 Loading

GENERAL PLAN & ELEVATION  
 PROJ. F-52(7)  
 BRIDGE OVER FRENCH CREEK  
 F.A. RT. 1 (S.B.I. RT. 1) SEC. 5-B-Y  
 WHITE COUNTY  
 STA. 120+29.35

BRIDGE NO. 3