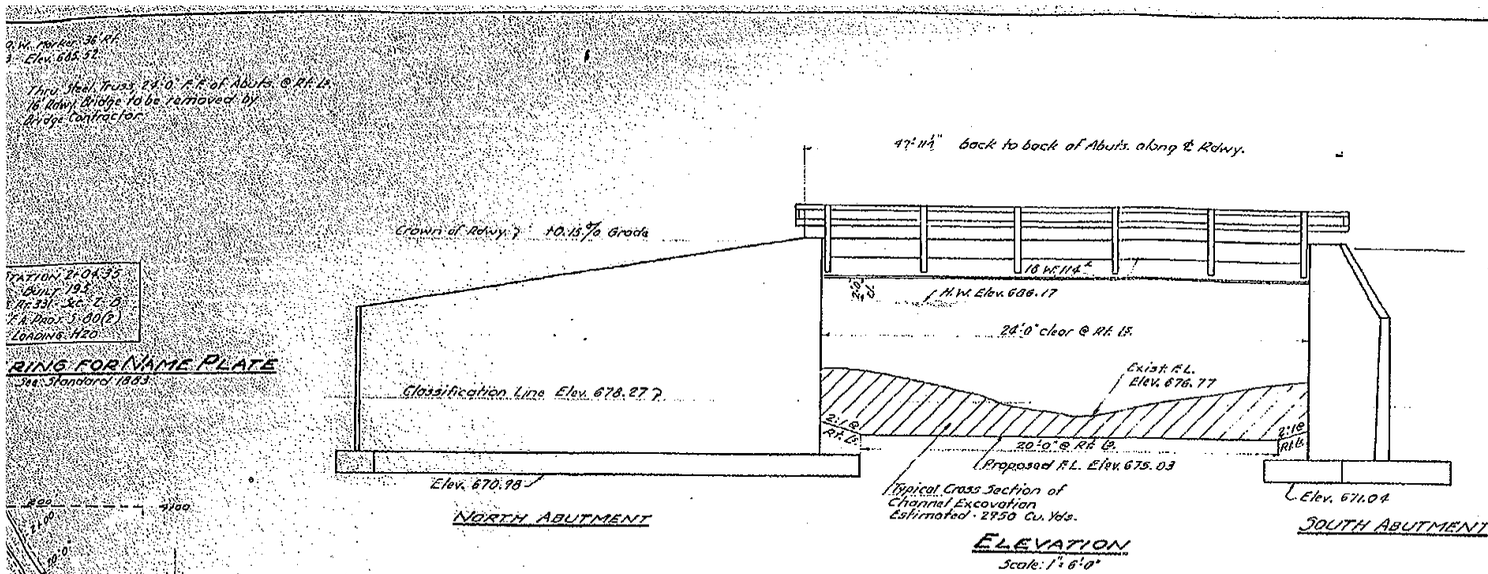
AS–BUILT PLANS – FOR INFORMATION ONLY

DETAIL OF EXISTING BRIDGE STRUCTURE



GENERAL NOTES

Class X concrete shall be used throughout.
The Concrete floor slab shall be poured in one continuous operation between or outside the longitudinal bonded construction joints.

The Concrete floor shall be finished in accordance with Art. 51.18 of the Standard Specifications.
All Rivets shall be ⅞" ø with ¹⁵/₁₆" ø Holes except as noted. Field connections ¾" ø Rivets or Hi-Str. ¾" ø with Arco Lock nuts or equal; optional.
Horizontal rail members shall be adjusted to true alignment after curbs have been poured and fabric work engaged.
All bearing plates, load plates and anchor bolts shall be finished painted and set in accordance with Art. 51.14 of the Standard Specification and are included for payment of "Structural Steel."
All Structural Steel shall receive one shop coat of red lead paint after inspection by the Illinois Division of Highways. All Structural Steel shall receive two field coats of aluminum paint.
Water proof back of curtain walls, abutments, and wings to top of footings according to Art. 51.20 of the Standard Specifications.
Channel change shall be done by the Bridge Contractor and shall be carried to the limits as shown on the plans unless otherwise directed by the Engineer. Estimated Channel Excavation - 3289 Cu. Yds. 3083 Cu. Yds. shall be used in Fill Existing channel and 206 Cu. Yds. shall be used in Roadway Embankment.

BORING DATA

Borings are given only as a guide to bidders in estimating soil conditions that may be encountered in the field.

BILL OF MATERIAL

Item		Super.	Sub.	Total
Class X Concrete	Cu. Yds.	54.4	367.0	421.4
Reinforcement Bars	Lbs.	10510	24000	34510
Structural Steel	Lbs.	54960		54960
Name Plates	Each	1		
Class A Excav. for Structures	Cu. Yds.		170	170
Class B Excav. for Structures	Cu. Yds.		800	800
Channel Excavation	Cu. Yds.			3289
Removal of Existing Structure	Each			1

WATERWAY INFORMATION

Drainage Area	3600 Acres
Character	Level, Rolling, Cultivated
Relief	0.5
Opening Req'd.	233 Sq. Ft.
Present Opening	229 Sq. Ft.
Proposed Opening	265 Sq. Ft.

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		DRAWN - JRP	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/18/2010	DATE - 07/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION OF EXISTING BRIDGE

SCALE: N/A | SHEET NO. OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	Z-BR	VERMILION	49	28
		CONTRACT NO. 70016		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		