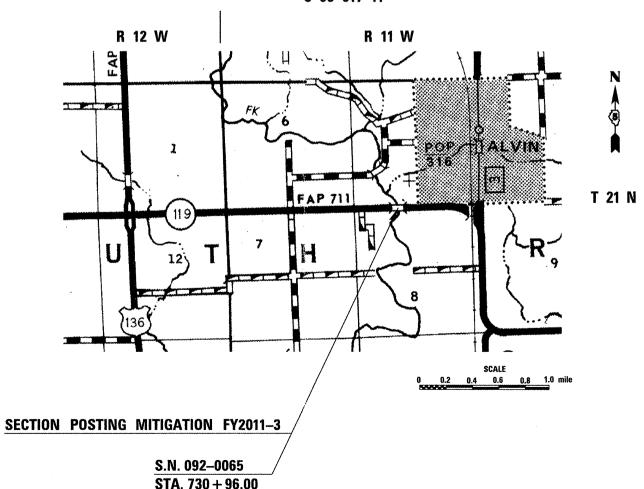
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 711 (IL 119) **SECTION: POSTING MITIGATION FY2011-3 PROJECT** F-0711(013) **VERMILION COUNTY**

PPC DECK BEAM BRACING ON S.N. 092-0065 **OVER NORTH FORK VERMILION RIVER**

> 2.0 MILES EAST OF IL 1 C-95-017-11



DIVISION OF HIGHWAYS

FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

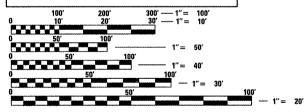
CURRENT ADT / DESIGN ADT

CURRENT ADT: 1,900 (2009)

DESIGN DESIGNATION

N/A

SOUTH ROSS TOWNSHIP



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER: TIM BRANDENBURG TELEPHONE: 217-465-4181

CONTRACT NO. 70920

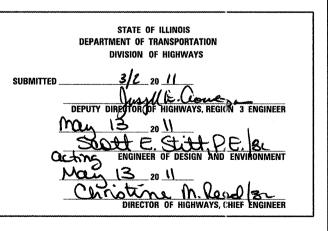
GROSS LENGTH = 215.00 FT. = 0.041 MILE NET LENGTH = 215.00 FT. = 0.041 MILE

ILLINOIS CONTRACT NO. 70920

*POSTING MITIGATION FY2011-3

D-95-017-11





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS & LIST OF STANDARDS	001006	DECIMAL OF AN INCH AND OF A FOOT
2	GENERAL NOTES	701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
3	SUMMARY OF QUANTITIES	701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
4 - 5	STRUCTURE PLANS	701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
		701901-01	TRAFFIC CONTROL DEVICES

LIST OF STANDARDS

GENERAL NOTES

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

CONTRACTOR ACCESS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND RESTORING ACCESS TO S.N. 092-0065 AT NO ADDITIONAL COMPENSATION TO THE DEPARTMENT. SUGGESTED ACCESS THROUGH THE SOUTHWEST QUADRANT

NO COMMITMENTS

*POSTING MITIGATION FY2011-3

FILE NAME :	USER NAME = ceorlockjd	DESIGNED -	REVISED -			INDEX OF SHEETS, LIST OF STANDARDS	F.A.P.	SECTION COUNTY	TOTAL SHE	ET O.
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	PLOT DATE : 2/28/2011	DATE -	REVISED -		SCALE: NONE	SHEET NO. 2 OF 10 SHEETS STA. TO ST	A.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK:

VERMILION COUNTY

F.A.P. 711 (IL 119) RURAL 2-LANE S.N. 092-0065

MINOR STRUCTURE REPAIR

FUNDING:

80% FED. 20% STATE

CONSTRUCTION TYPE CODE:

TOTAL

CODE NO. DESCRIPTION

UNIT

QUANTITY

50500405 FURNISHING AND ERECTING STRUCTURAL STEEL

POUND

15,670.0

67100100 MOBILIZATION

LSUM

1.0

70100450 TRAFFIC CONTROL AND PROTECTION, STANDARD 701201

L SUM

1.0

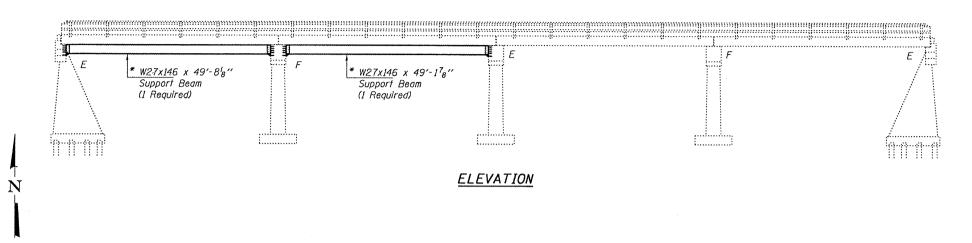
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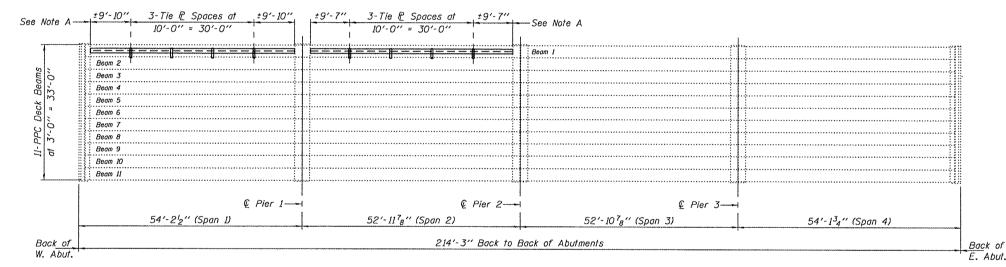
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	PLOT SCALE = 40.0000 1/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		1		CONTRACT NO. 70920
	PLOT DATE = 2/28/2011	DATE -	REVISED -		SCALE: NONE SHEET NO. 3 OF 10 SHEETS STA. TO STA.	1	ILLINOIS FEO	D. AID PROJECT
						-		

* Contractor is to verify beam length prior to ordering material. Other sections meeting the section modulus requirements shown may be allowed subject to approval by the Bureau of Bridges and Structures. Maximum Girder depth = 27". No additional payment will be allowed if the contractor chooses a heavier steel section than the one specified in the plans. (Min. Sx = 411 in³)

Note A:

© Transverse tie P's (4 per span). Place additional shims at midpoints between tie P's. Securely weld shims to top flange of support beam. Minimum shim size is 6" x flange width.





PLAN

DAVID CARL OF PUZEY OB1-005470 SPRINGFIELD LLINOIS OF ILLINOIS

Expires: November 30, 2012

DESIGNED - WITH WOLL 2

DRAWN - Kyle M. Steffen

CHECKED DRAWN - WIE M. STEFFEN

PASSED

ACTING ENGINEER OF STRUCTURAL SERVICES

ACTING ENGINEER OF BRIDGES NO STRUCTURES

DATE - APRIL 29, 2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION

ILLINOIS ROUTE 119 OVER NORTH FORK OF THE VERMILION RIVER

SN 092-0065

SHEET NO. 1 OF 2 SHEETS

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

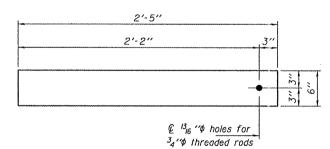
The contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the contractors responsibility to account for the condition of the beams when developing construction procedures.

See Section 584 of the Standard Specifications for Epoxy Grouting of Threaded Rods; Minimum embedment 9".

If the contractor's procedure for placement of beams involves placement of cranes or other heavy equipment on the bridge, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying that the equipment and procedure used will not overstress the existing beams. To distribute load to multiple beams and protect the existing surface, in all cases a double layer mat of heavy timbers shall be used at all times under crane tracks or wheels and any outriggers in the down position. If necessary, shims shall be used under the crane mat to ensure uniform contact with the underlying beams.

The cost of epoxy grouting threaded rods on the pier cap, abutments and beams shall be included with Furnishing and Erecting Structural Steel.

The Contractor has the option of using used steel. See Special Provisions.

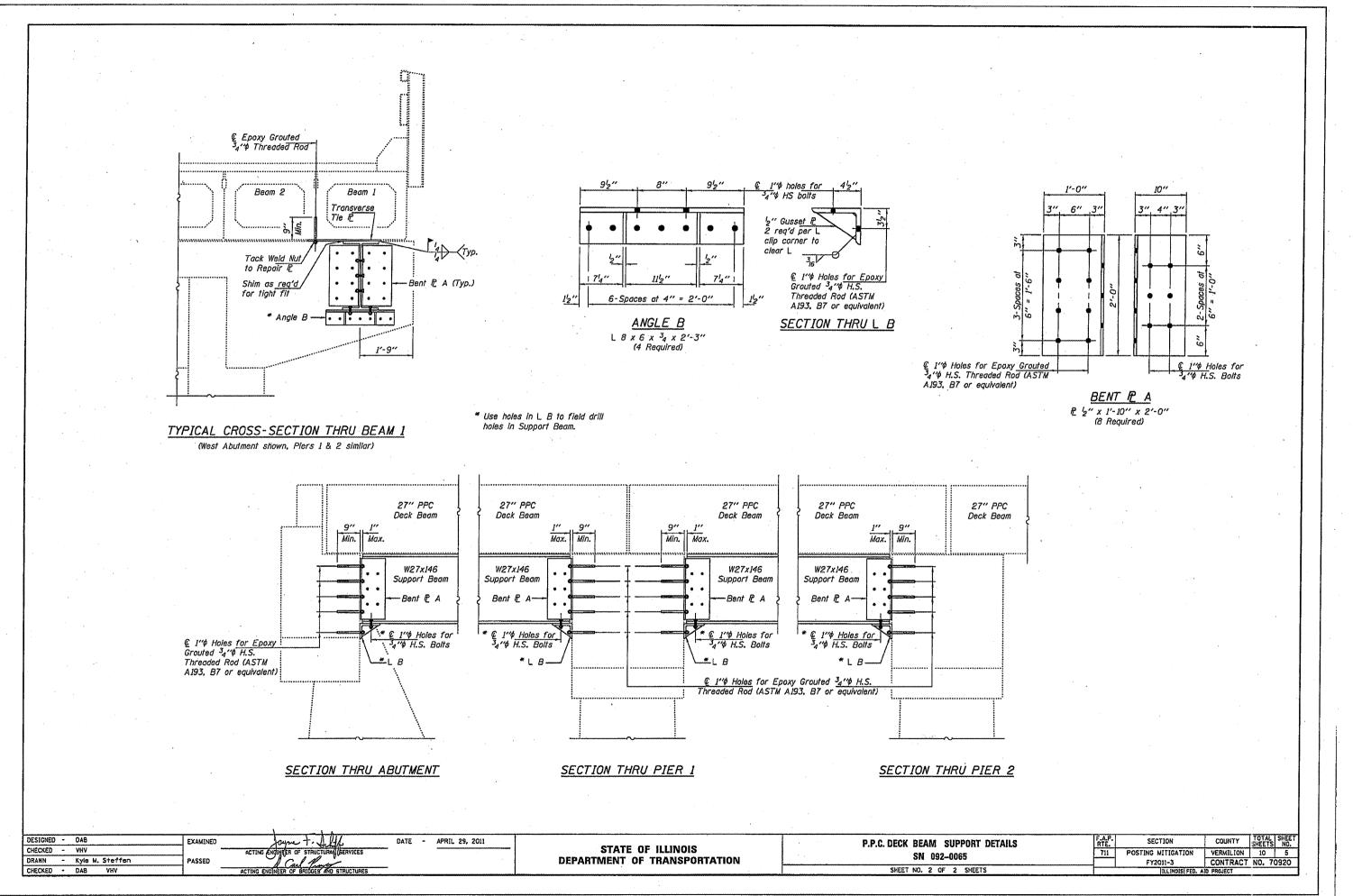


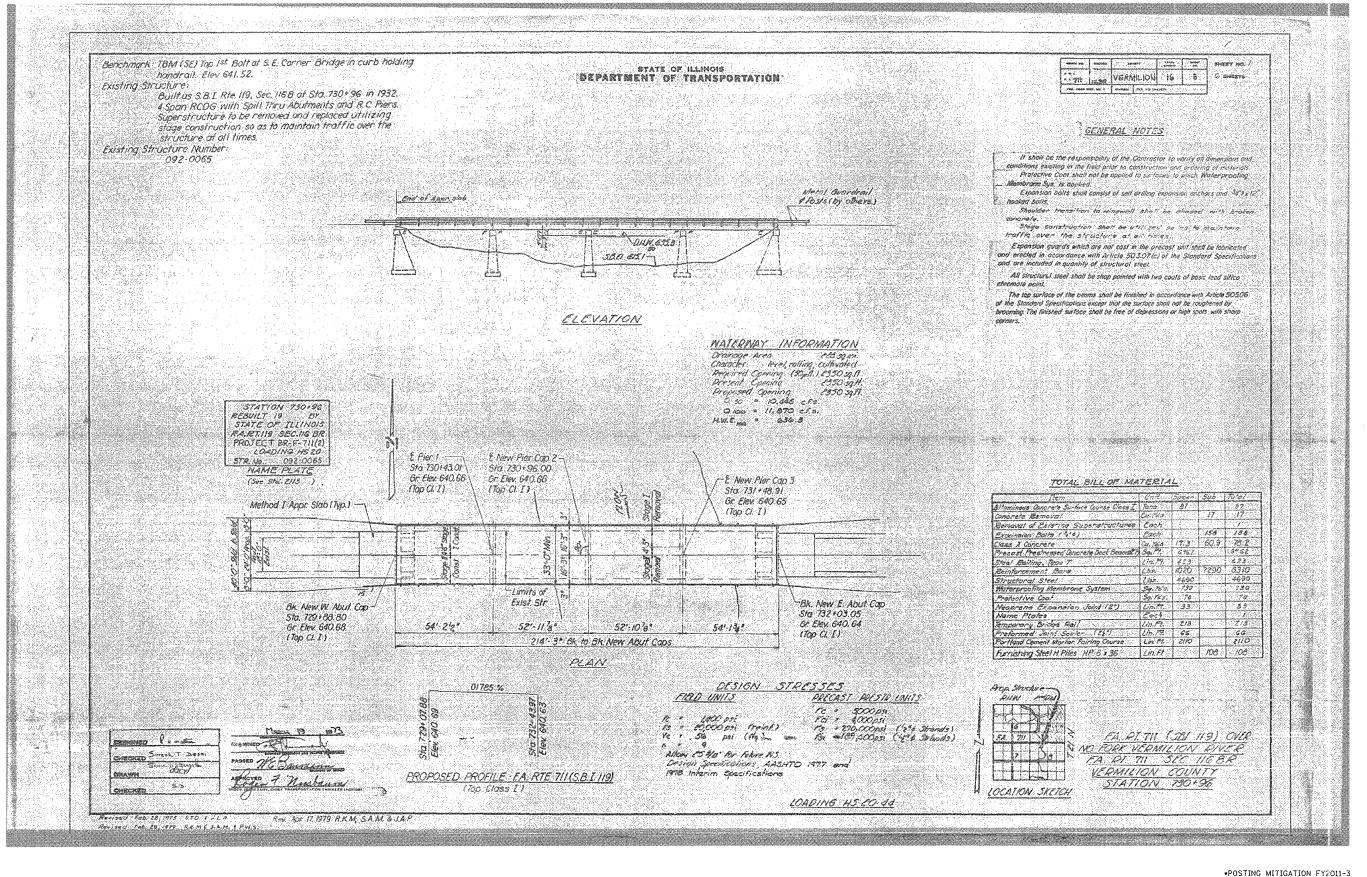
TRANSVERSE TIE & DETAILS

P. '2" x 2'-5" x 6" (8 Reg'd)

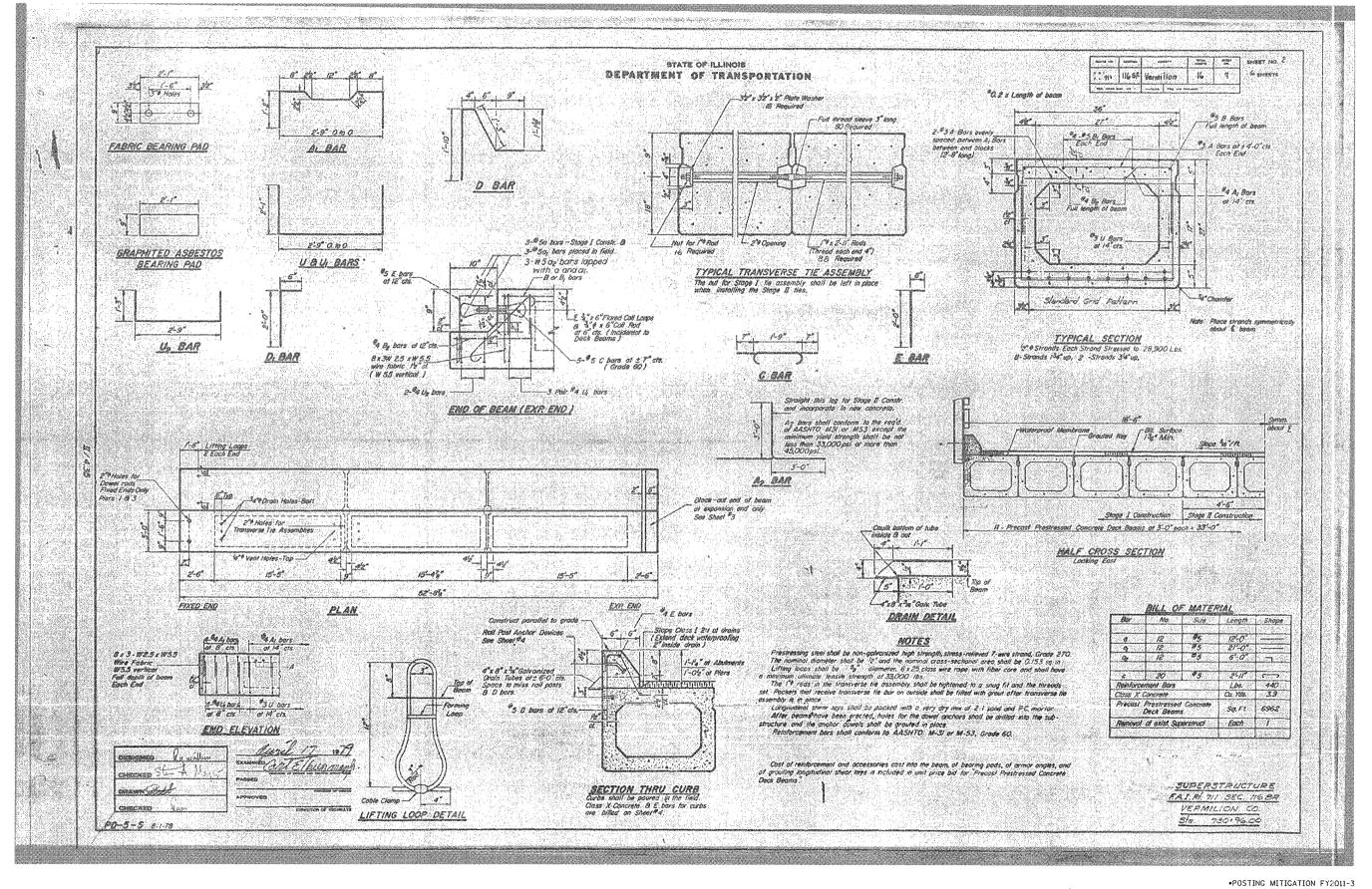
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Furnishing and Erecting Structural Steel	Pound	15,670

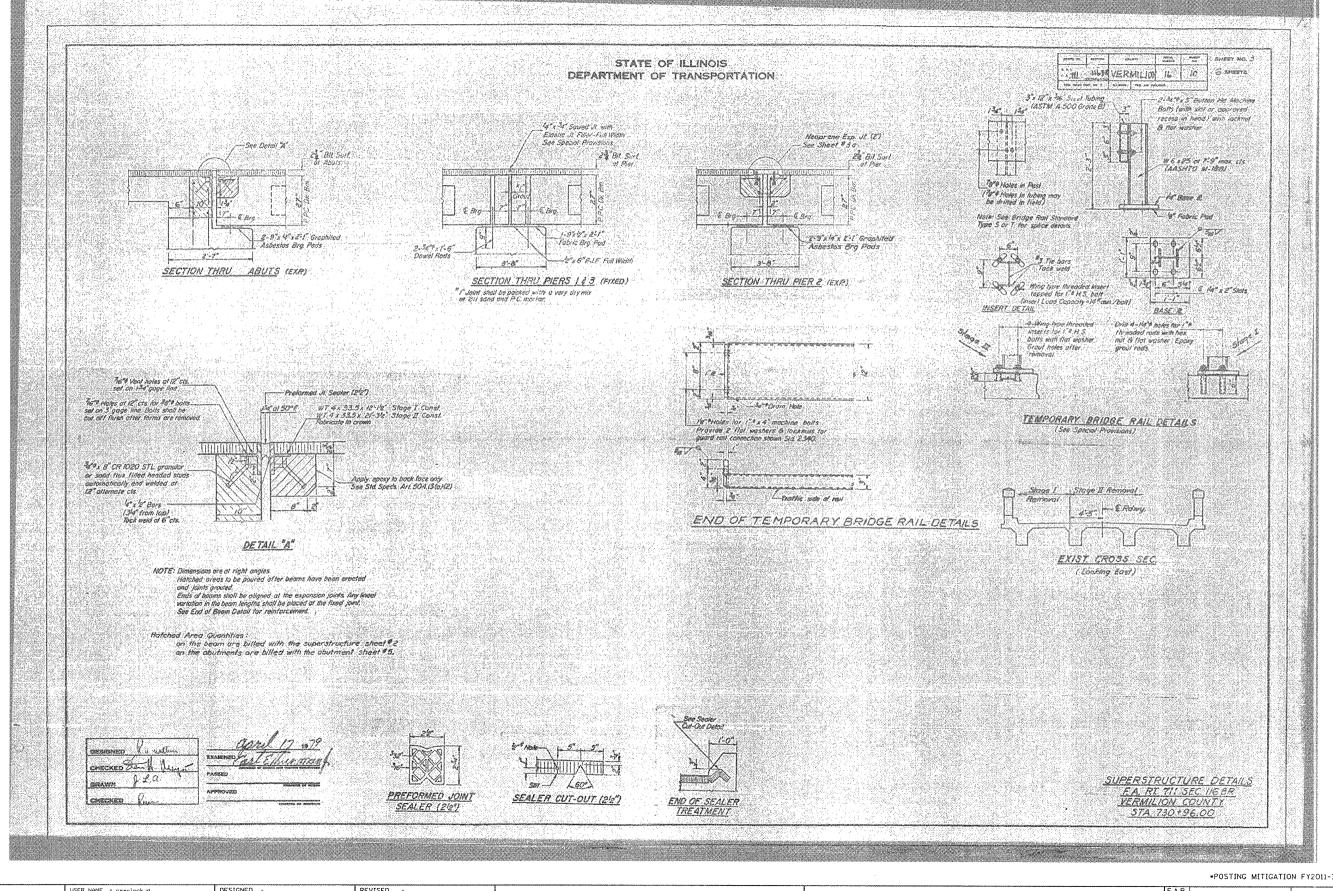




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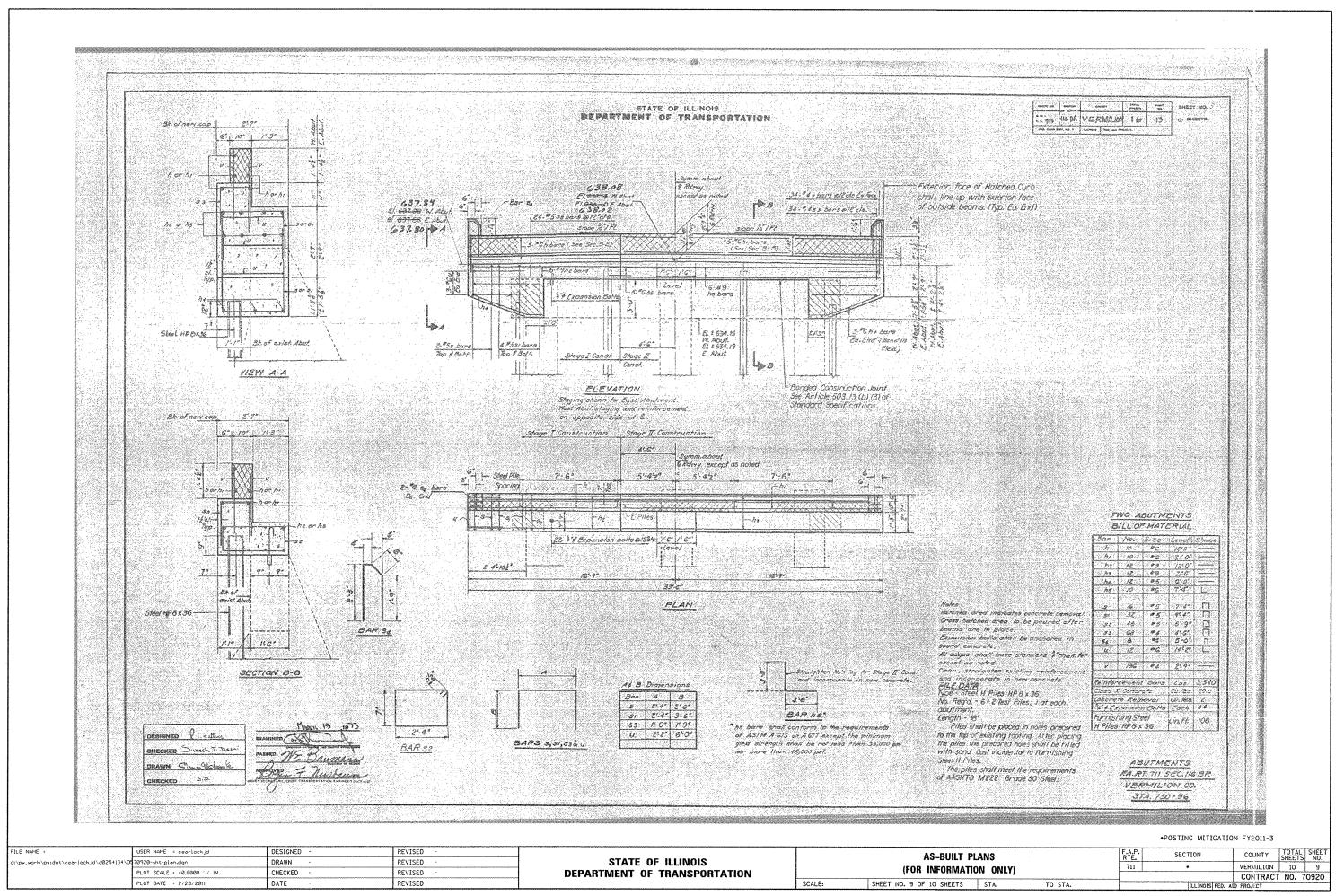


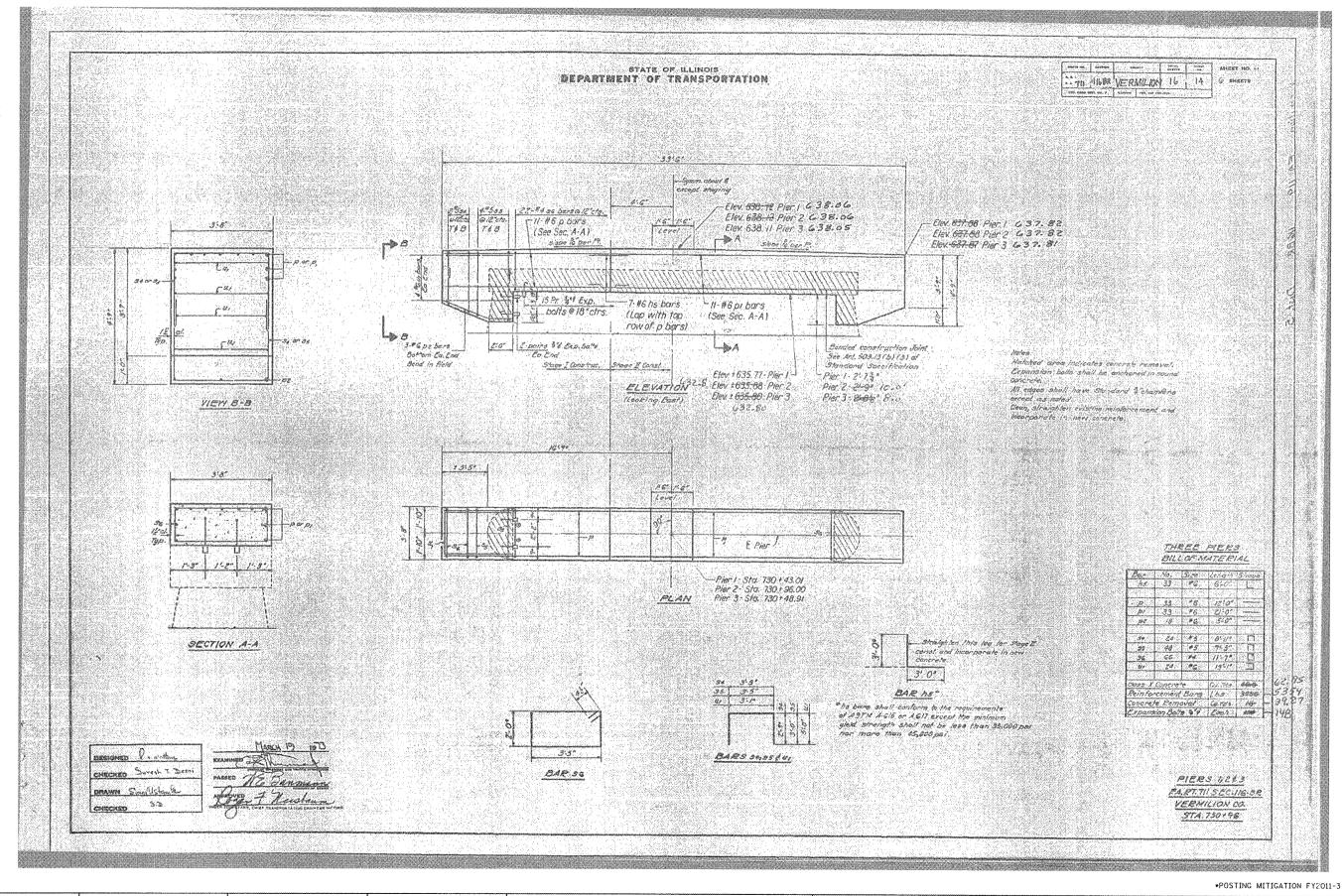
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