INDEX OF SHEETS

- COVER SHEET
- GENERAL NOTES
- SUMMARY OF QUANTITIES
- TYPICAL SECTION
- GENERAL PLAN AND ELEVATION SN 027-0072
- REPAIR DETAILS SN 027-0072

STANDARDS

001006 701001-02

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000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

DECIMAL OF AN INCH AND OF A FOOT

OFF-ROAD OPERATIONS 2L. 2W. MORE THAN 15' (4.5 m) AWAY OFF-ROAD OPERATIONS 2L. 2W, 15' (4.5 m) TO 24" (600 mm) FROM 701006-03

PAVEMENT EDGE

LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 4 45 MPH 701201-04 LANE CLOSURE. 2L. 2W, SHORT TIME OPERATIONS 701301-04

701901-01

TRAFFIC CONTROL DEVICES

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

OR 811

PROJECT ENGINEER: JOE KANNEL P.E. **UNIT CHIEF: RON WOODSHANK**

TOWNSHIP: PELLA

CONTRACT NO. 66B25

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 796 (IL 115) SECTION (106-BR-4)I

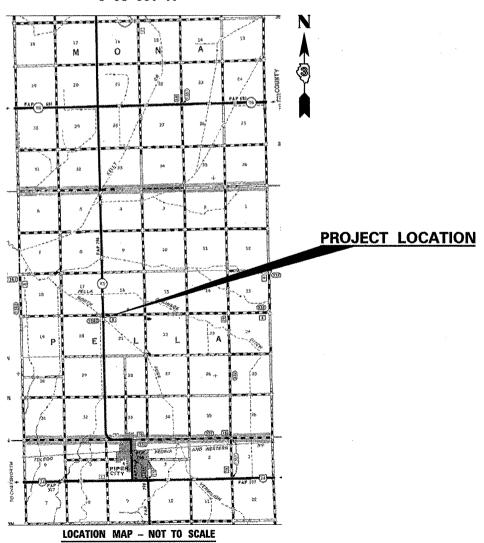
BRIDGE REPAIR

S.N. 027-0072 FAP ROUTE 796 (IL 115) OVER THE NORTH FORK OF THE VERMILION RIVER 5.07 MILES SOUTH OF IL ROUTE 116

FORD COUNTY

C-93-091-11

POINT LOCATION



COUNTY TOTAL SHEETS NO.
FORD **6 1**CONTRACT NO. 66B25 (106-BR-4)I

D-93-073-11



FUNCTIONAL CLASSIFICATION

RURAL - MINOR ARTERIAL

FAP RTE. 796 (IL 115)

2009 ADT 600

P.V. 83.33%

S.U. 10.00% M.U. 6.67%

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** DIVISION OF HIGHWAYS

SUBMITTED 02/25 20 11

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Scott E. Stitt P.E. Br

Christine M. Reed Br. DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

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.

COST OF REMOVAL AND RE-INSTALLATION OF ALL MEMBERS NECESSARY TO COMPLETE THE WORK AS DETAILED ON THE PLANS AND AS SPECIFIED IN THE SPECIAL PROVISIONS SHALL BE INCLUDED WITH FURNISHING AND ERECTING STRUCTURAL STEEL.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS

1. SN 027-0072 IS RESTRICTED TO 15 TON LOAD LIMIT

DATE:

DATE:

DATE:

DATE:

DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY:

DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

Shale a bucker

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

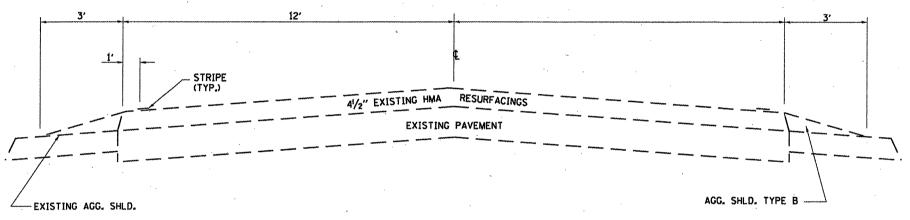
SHEET NO. 1 OF 1 SHEETS STA. _

				CONSTR. CODE
				100% STATE
				ROADWAY
CODE			TOTAL	0014
NO.	ITEM	UNIT	QUANTITY	RURAL
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	13840	13840
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	.1	1
		,	,	

FILE NAME :	USER NAME = patelyj	DESIGNED	- RON_WOODSHANK	REVISED	_	
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SUMMARY	OF	QUANTITIES

	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	796	(106-BR-4)I	FORD	6	3
			CONTRACT	NO. 6	6B25
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TYPICAL SECTION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

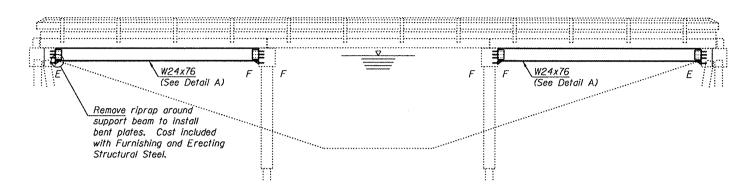
TYPI	CAL	ROADW	AY SE	CTION	
r.	CUPPY NO	1 OF 1 CUEFFE		TO CTA	

A.P.	SECTION	COUNTY	TOTAL	SHEET NO.
96	(106-BR-4)1	FORD	6	4
		CONTRACT	NO.	66B25
	THE THATE PER	AID DOO FOT		

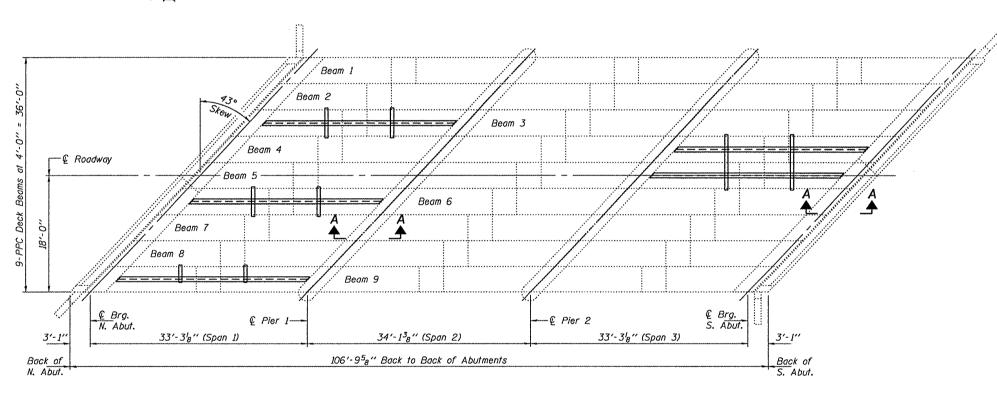
** Contractor is to verify beam length prior to ordering material. Other sections meeting the section modulus requirements shown may be allowed subject to approval by the Bureau of Bridges and Structures. Maximum Girder depth = 36". No additional payment will be allowed if the contractor chooses a heavier steel section than the one specified in the plans. (Min. Sx = 176 in 3)

Note A

© Transverse tie P's (2 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.

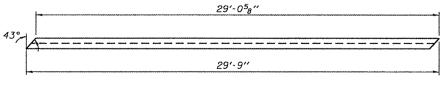


ELEVATION



PLAN





DETAIL A

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.

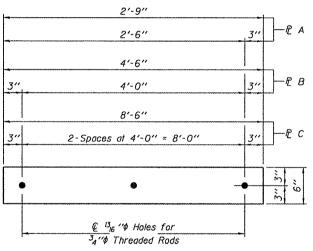
The contractor is advised that the existing PPC Deck Beams are in a deteriorated condition with reduced load carrying capacity. It is the contractors responsibility to account for the condition of the beams when developing construction procedures.

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 P'S

£ A ½" x 2'-9" x 6" (2 Req'd) £ B ½" x 4'-6" x 6" (4 Req'd) £ C ½" x 8'-6" x 6" (2 Req'd)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Furnishing and Erecting Structural Steel	Pound	13840

Expires: November 30, 2012

DESIGNED - Horizon Tr Helloway EXAMINED

CHECKED - Victor H. Ve (it Passed Pass

DATE - MARCH 15, 2011
THE ENGINEER OF STRUCTURES
THE PROPERTY OF THE PROPERTY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
SN 027-0072
SHEET NO. 1 OF 2 SHEETS

CHECKED - ATH

