### STATE OF ILLINOIS

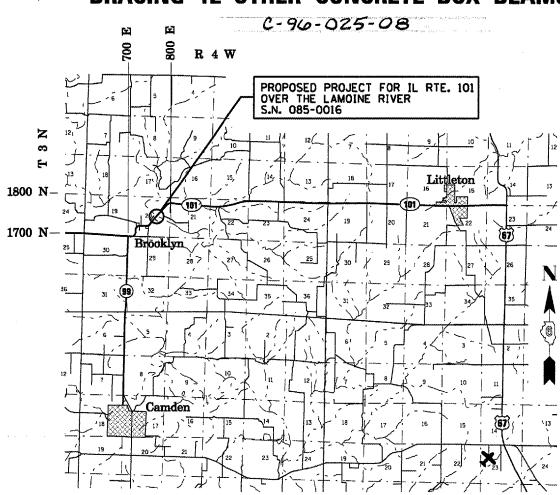
## DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

## PROPOSED HIGHWAY PLANS

FAP 713 (IL RTE. 101) SECTION (120BR)I-2

### SCHUYLER COUNTY

REPLACEMENT OF 3 CONCRETE BOX BEAMS, BRACING 12 OTHER CONCRETE BOX BEAMS



## LOCATION MAP

A.D.T. = 400 (2007)

### **INDEX OF SHEETS**

1 COVER SHEET

 $\circ$ 

- **2 GENERAL NOTES**
- 3 SUMMARY OF QUANTITIES
- 4 8 TRAFFIC CONTROL DETAIL SHEETS
- 9 12 PROJECT CONSTRUCTION DETAIL SHEETS

### **STANDARDS**

000001-05 701001-01 701006-02 701321-09 704001-04

0 100° 200° 300° — 1° = 100° 0 10° 20° 30° — 1° = 10° 0 50° 100° 1° = 50° 0 50° 100° 1° = 40° 0 50° 100° 1° = 30° 0 50° 100° 1° = 20° 0 50° 100° 1° = 20° 100° 1

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.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SAL MADONIA (217) 782-4761
PROJECT MANAGER: MARCUS BRUCE (217) 524-0946

CONTRACT NO. 72B65

Rex

SCHUYLER COUNTY SECTION (120BR)I-2

OGLE

OGLE

DE KALBI KANE

DU PAGE

COOK

SCHUYLER 12

CONTRACT NO. 72865



(120BR)1-2

713

D-96-025-08

LOCATION OF SECTION INDICATED THUS: -

Tebruary 1, 20 08
Eric E. Harm &

Jultum Engineer of Design and Environmen
Tebruary 1, 20 08

STATES OF MARKET, G. GILL ENGINE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

### **GENERAL NOTES**

ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPETED TO BE THE LATEST STANDARD OF THE DEPARTMENT AS INCLUDED IN THE PLANS.

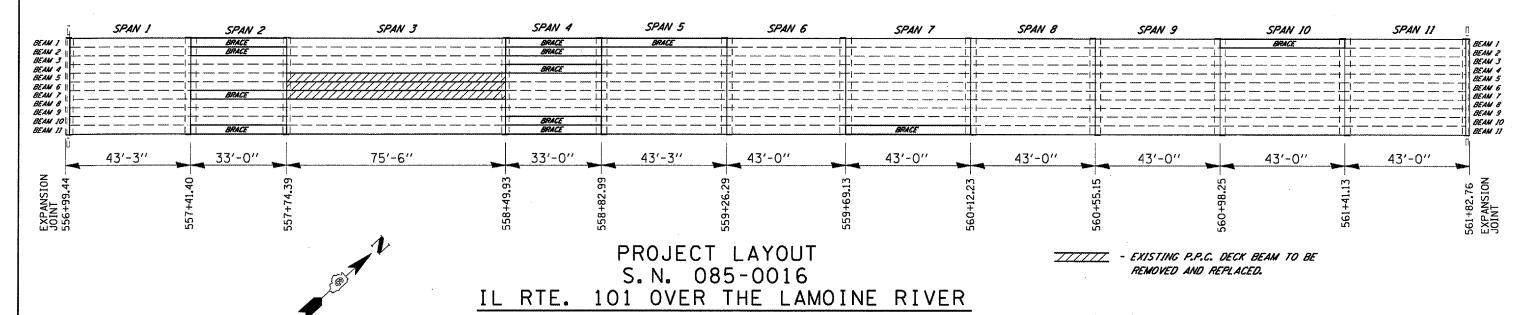
THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING J.U.L.I.E. A MINIMUM OF 72 HOURS PRIOR TO COMMENCING WORK - (800) 892-0123.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE FOR THE WORK.

EXISTING ROAD SIGNS THAT CONFLICT WITH STAGE CONSTRUCTION TRAFFIC PATTERNS SHALL BE COVERED OR REMOVED UNTIL NORMAL TRAFFIC PATTERNS ARE RE-ESTABLISHED.

THE PROPOSED BRACING FOR SPAN 2, BEAM 1 SHALL BE CONSTRUCTED PRIOR TO ANY TRAFFIC CONTROL STAGING.

ALL BORED HOLES FOR DOWEL BARS THAT WOULD SECURE ANY SECTION OF TEMPORARY CONCRETE BARRIER WALL TO THE BRIDGE DECK WEARING SURFACE SHALL HAVE A MAXIMUM DEPTH OF 5" AS TO AVOID DAMAGING THE UNDERLYING DECK BEAMS.



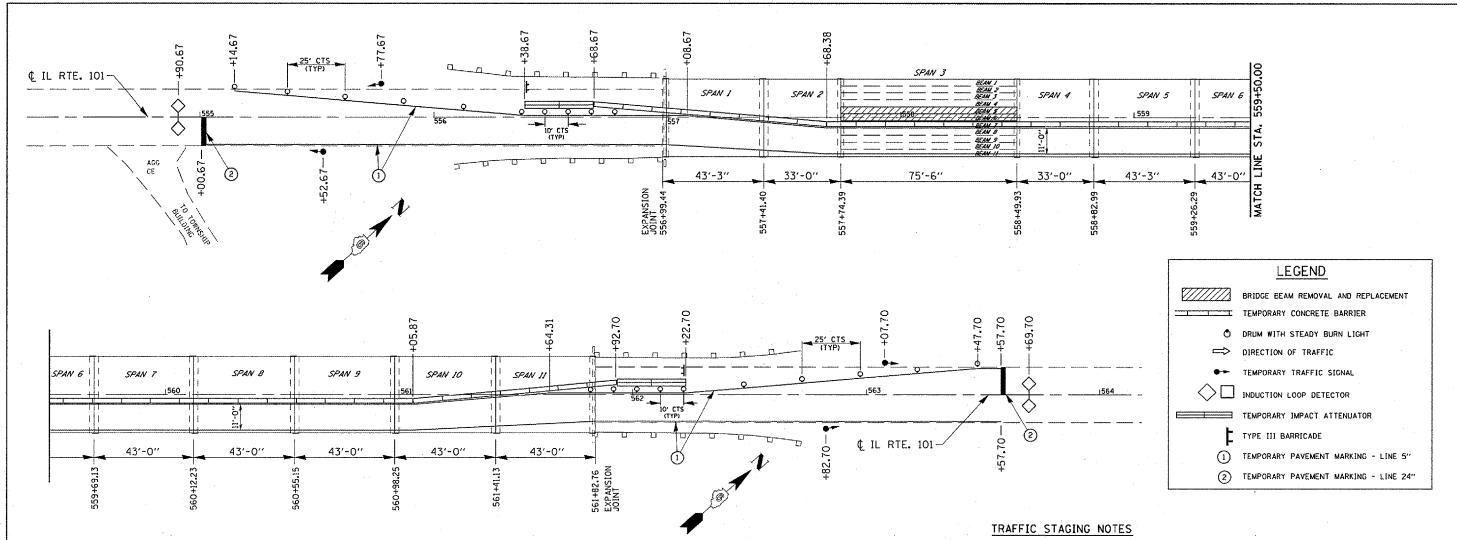
DISTRICT SIX	
EXAMINED Dec ()	20 07
OPERATIONS ENGINEER	
EXAMINED Dec. 1	20 0
2	
PROGRAM IMPLEMENTATION ENGINE	ER
	•
EXAMINED 1	20 6
WRI	20 0
PROGRAM DEVELOPMENT ENGINEER	

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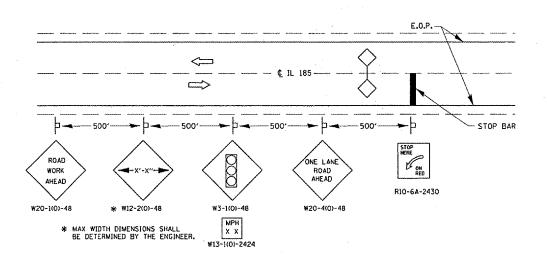
CODE NO	PAY ITEM	UNIT	100% STATE SFTY -2A QUANTITY
X0320047	REMOVAL OF EXISTING DECK BEAMS	\$0 FT	679
70920047	REMOVAL OF EXISTING " DECK DEAMS		6,13
X0321781	MECHANICAL SPLICE,	EACH	154
42001300	PROTECTIVE COAT	SO YD	83.6
50102400	CONCRETE REMOVAL	CU YD	1.3
50301200	CONCRETE WEARING SURFACE	SQ YD	83.6
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SO FT	673
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	56620
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1860
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2
67100100	MOBILIZATION	L SUM	1
10106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	525
10400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	525
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	3397
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	24
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1464
78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	3054
Z0001900	ASBESTOS BEARING PAD REMOVAL	EACH	3
Z0030250	IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
Z0030350	IMPACT ATTENUATOR, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2
X7200201	WIOTH RESTRICTION SIGNING	L SUM	/
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	LSUM	

### \* SPECIALTY ITEMS

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c:\Projects\d602508\shtdetails.dgn		DRAWN - RTS	REVISED -	STATE OF ILLINOIS		SUMMARY OF QU	UANTITIES		713 (1	20BR)1-2	SCHUYLER	12	3
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#### STAGE 1 TRAFFIC CONTROL LAYOUT



#### TYPICAL SIGNING DETAIL

#### PRELIMINARY STAGE - SUGGESTED CONSTRUCTION SEQUENCE

THE PROPOSED BRACING FOR SPAN 2, BEAM 1 SHALL BE CONSTRUCTED PRIOR TO ANY TRAFFIC CONTROL STAGING.

PLACE "MAX WIDTH" SIGNING AT THE LOCATIONS SHOWN IN THESE LANS.

SET UP STAGE 1 TRAFFIC CONTROL UTILIZING THESE PLANS IN CONJUNCTION WITH HIGHWAY STANDARD 701321.

INSTALL TEMPORARY SIGNALIZATION AT THE LOCATIONS CALLED

OUT ON THESE PLANS.

PLACE TEMPORARY CONCRETE BARRIER AND PAVEMENT MARKINGS
(STOP BARS, LANE LINES, ETC.) IN ACCORDANCE TO THESE PLANS.

#### STAGE I - SUGGESTED CONSTRUCTION SEQUENCE

REMOVE THE EXISTING 5" REINFORCED CONCRETE WEARING SURFACE ALONG SPAN 3 OVER BEAMS 5 AND 6.

PERFORM STAGE 1 P.P.C. DECK BEAM REMOVAL AND REPLACEMENT FOR SPAN 3, BEAMS 5 AND 6. SEE THE STRUCTURAL DETAIL SHEETS WITHIN THESE PLANS.

CONSTRUCT THE 5" REINFORCED CONCRETE WEARING SURFACE ATOP REAMS 5 AND 6.

#### STAGE II - SUGGESTED CONSTRUCTION SEQUENCE

FOLLOWING THE COMPLETION OF STAGE 1 CONSTRUCTION, RELOCATE
THE TEMPORARY CONCRETE BARRIER WALL AND PLACE TEMPORARY PAVEMENT MARKING IN ACCORDANCE TO THESE PLANS.

REMOVE THE EXISTING 5" REINFORCED CONCRETE WEARING SURFACE ALONG SPAN 3. BEAM 7.

PERFORM STAGE 2 P.P.C. DECK BEAM REMOVAL AND REPLACEMENT FOR SPAN 3 OVER BEAM 7.

CONSTRUCT THE 5" REINFORCED CONCRETE WEARING SURFACE ATOP BEAM 7.

SIGNS STATING "UNEVEN LANES" AND "SIGNALS AHEAD" SHALL BE ERECTED DURING STAGE CONSTRUCTION BY THE CONTRACTOR AT LOCATIONS AS DIRECTED BY THE ENGINEER. THESE SIGNS ARE INCIDENTAL TO THE COST OF THE CONTRACT.

DURING STAGE CONSTRUCTION, EXTRA FLAGGERS ARE NECESSARY FOR BRIDGE DECK BEAM REMOVAL & REPLACEMENT OPERATIONS. EXTRA FLASHERS AND WARNINGS ARE NEEDED FOR TRAFFIC CONTROL AT NIGHT DUE TO THE VERTICAL RISE JUST TO THE WEST OF THE LAMOINE RIVER.

THIS TRAFFIC CONTROL PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD 701321 AND AS DIRECTED BY THE ENGINEER. ALL WORK - REQUIRED TO SET UP, MAINTAIN, AND REMOVE TRAFFIC CONTROL AS DETAILED IN THESE PLANS SHALL DE INCLUDED IN THE COST FOR STRAFFIC CONTROL AND PROTECTION CONDUCTION.

THE CONTRACTOR SHALL PLACE MAX WIDTH SIGNS BEFORE IMPLEMENTING ANY STAGE TRAFFIC CONTROL. THESE SIGNS SHALL BE INCLUDED IN THE CO-OF "TRAFFIC CONTROL AND PROTECTION COMPLETE"
(SEE MAX WIDTH SIGN DETAIL SHEET).

TEMPORARY RUMBLE STRIPS, TEMPORARY SIGNING, TEMPORARY BARRIER WALL REFLECTORS, SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 701321 OR AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL NOTIFY THE DISTRICT SIX BUREAU OF OPERATIONS, TRAFFIC SECTION (PH. 782-7314) AT LEAST ONE WEEK PRIOR TO IMPLEMENTING STAGE TRAFFIC CONTROL.

THE FIRST AND LAST SECTION OF EVERY RUN OF TEMPORARY CONCRETE BARRIER WALL SHALL BE SECURED TO THE PAVEMENT WITH DOWEL BARS IN ACCORDANCE WITH SECTION 704.04 OF THE STANDARD SPECIFICATIONS BOOK.

ALL BORED HOLES FOR DOWEL BARS THAT WOULD SECURE ANY SECTION OF TEMPORARY CONCRETE BARRIER WALL TO THE BRIDGE DECK WEARING SURFACE SHALL HAVE A MAXIMUM DEPTH OF 5" AS TO AVOID DAMAGING THE UNDERLYING DECK BEAMS.

THE CONTRACTOR SHALL NOTIFY KYLE ARMSTRONG (PH. 558-6523) IN THE DISTRICT 6 TRAFFIC SECTION OF THE BUREAU OF OPERATIONS AT LEAST THREE DAYS PRIOR TO ACTIVATING THE TEMPORARY TRAFFIC SIGNALS.

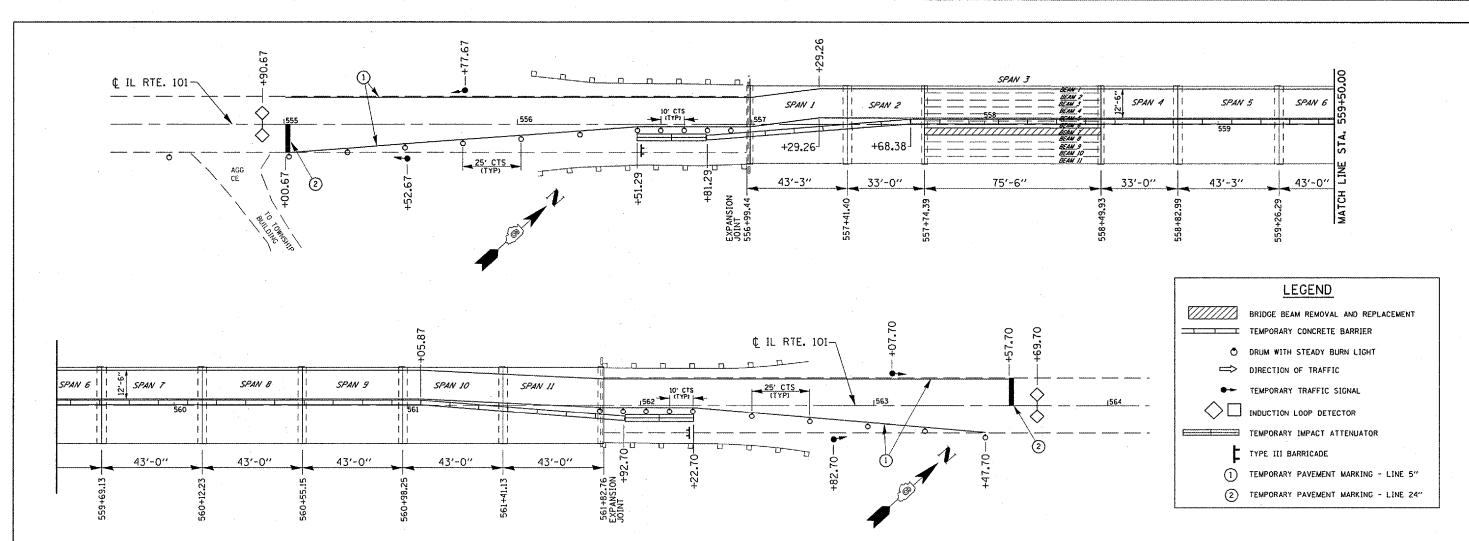
SAWCUTS FOR THE PROPOSED REMOVAL OF THE 5" REIFORCED CONCRETE WEARING SURFACE ATOP THE BEAMS SHALL BE INCLUDED IN THE COSTS FOR "REMOVAL OF EXISTING PPC DECK BEAMS".

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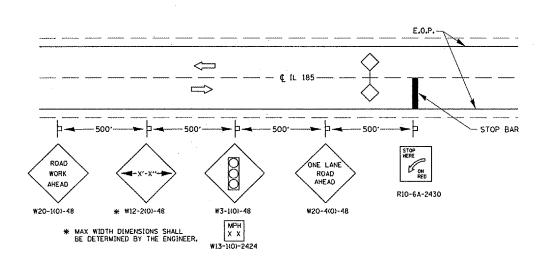
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SHEET NO. 1 OF 5 SHEETS STA. TO STA.	FED. R	OAD DIST, NO. ILLINOIS FED. A	CONTRACT	NO. 1	2865



#### STAGE 2 TRAFFIC CONTROL LAYOUT



#### TYPICAL SIGNING DETAIL

#### PRELIMINARY STAGE - SUGGESTED CONSTRUCTION SEQUENCE

THE PROPOSED BRACING FOR SPAN 2, BEAM 1 SHALL BE CONSTRUCTED PRIOR TO ANY TRAFFIC CONTROL STAGING.

PLACE "MAX WIDTH" SIGNING AT THE LOCATIONS SHOWN IN THESE PLANS.

SET UP STAGE 1 TRAFFIC CONTROL UTILIZING THESE PLANS IN CONJUNCTION WITH HIGHWAY STANDARD 701321.

INSTALL TEMPORARY SIGNALIZATION AT THE LOCATIONS CALLED

OUT ON THESE PLANS.

PLACE TEMPORARY CONCRETE BARRIER AND PAVEMENT MARKINGS
(STOP BARS, LANE LINES, ETC.) IN ACCORDANCE TO THESE PLANS.

#### STAGE I - SUGGESTED CONSTRUCTION SEQUENCE

REMOVE THE EXISTING 5" REINFORCED CONCRETE WEARING SURFACE ALONG SPAN 3 OVER BEAMS 5 AND 6.

PERFORM STAGE 1 P.P.C. DECK BEAM REMOVAL AND REPLACEMENT FOR SPAN 3, BEAMS 5 AND 6. SEE THE STRUCTURAL DETAIL SHEETS WITHIN THESE PLANS.

CONSTRUCT THE 5" REINFORCED CONCRETE WEARING SURFACE ATOP BEAMS 5 AND 6.

#### STAGE II - SUGGESTED CONSTRUCTION SEQUENCE

FOLLOWING THE COMPLETION OF STAGE I CONSTRUCTION, RELOCATE THE TEMPORARY CONCRETE BARRIER WALL AND PLACE TEMPORARY PAVEMENT MARKING IN ACCORDANCE TO THESE PLANS.

REMOVE THE EXISTING 5" REINFORCED CONCRETE WEARING SURFACE ALONG SPAN 3. BEAM 7.

PERFORM STAGE 2 P.P.C. DECK BEAM REMOVAL AND REPLACEMENT FOR SPAN 3 OVER BEAM 7.

CONSTRUCT THE 5" REINFORCED CONCRETE WEARING SURFACE ATOP BEAM ?.

#### TRAFFIC STAGING NOTES

SIGNS STATING "UNEVEN LANES" AND "SIGNALS AHEAD" SHALL BE ERECTED DURING STAGE CONSTRUCTION BY THE CONTRACTOR AT LOCATIONS AS DIRECTED BY THE ENGINEER. THESE SIGNS ARE INCIDENTAL TO THE COST OF THE CONTRACT.

DURING STAGE CONSTRUCTION, EXTRA FLAGGERS ARE NECESSARY FOR BRIDGE DECK BEAM REMOVAL & REPLACEMENT OPERATIONS. EXTRA FLASHERS AND WARNINGS ARE NEEDED FOR TRAFFIC CONTROL AT NIGHT DUE TO THE VERTICAL RISE JUST TO THE WEST OF THE LAMOINE RIVER.

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SAWCUTS FOR THE PROPOSED REMOVAL OF THE 5" REIFORCED CONCRETE

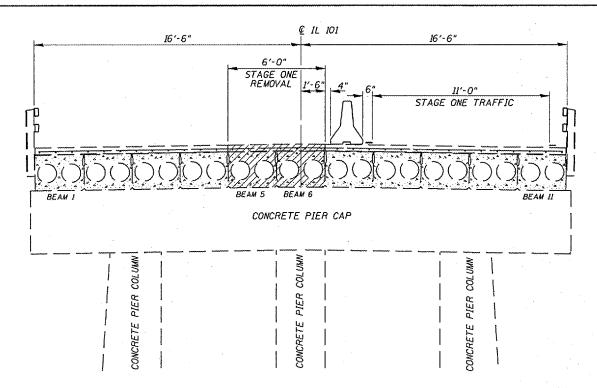
SAWCUTS FOR THE PROPOSED REMOVAL OF THE 5" REIFORCED CONCRETE WEARING SURFACE ATOP THE BEAMS SHALL BE INCLUDED IN THE COSTS FOR "REMOVAL OF EXISTING PPC DECK BEAMS".

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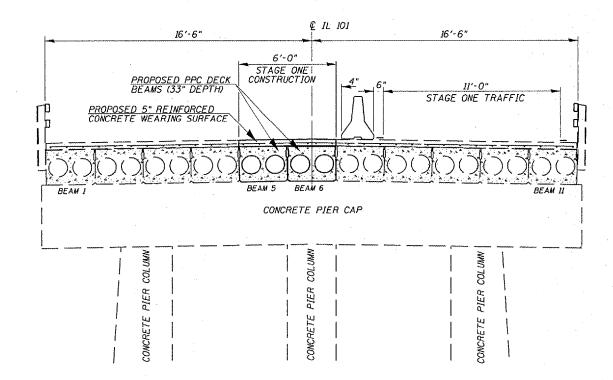
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DEPARTMENT OF TRANSPORTATION

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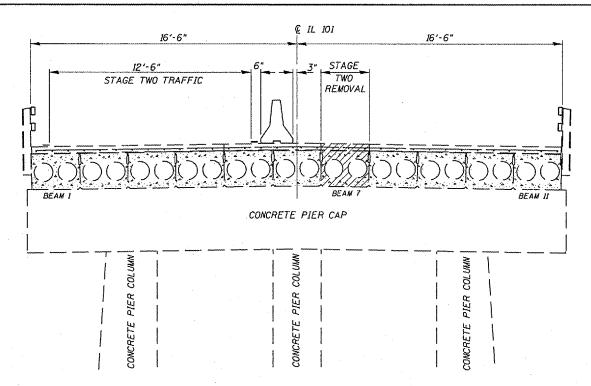
REMOVAL OF EXISTING	PPL DECK BEAMS"					R	ev.	
			FAP RTE.	SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.
TRAFFIC CONTROL DETAILS				(120	BR)[-2	SCHUYLER	12	5
	*****************************					CONTRACT	NO. 7	72865
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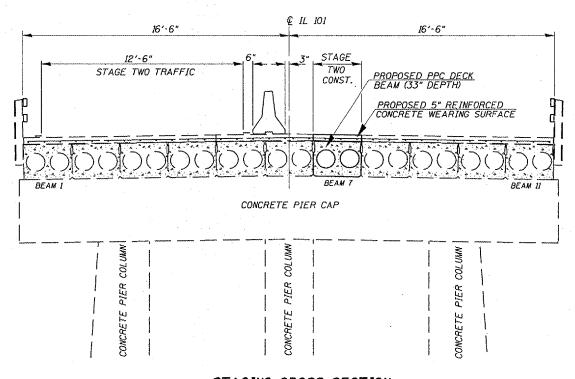
## STAGING CROSS SECTION IL 101 OVER THE LAMOINE RIVER, S.N. 85-0016 STAGE ONE REMOVAL



## STAGING CROSS SECTION IL 101 OVER THE LAMOINE RIVER, S.N. 85-0016 STAGE ONE CONSTRUCTION

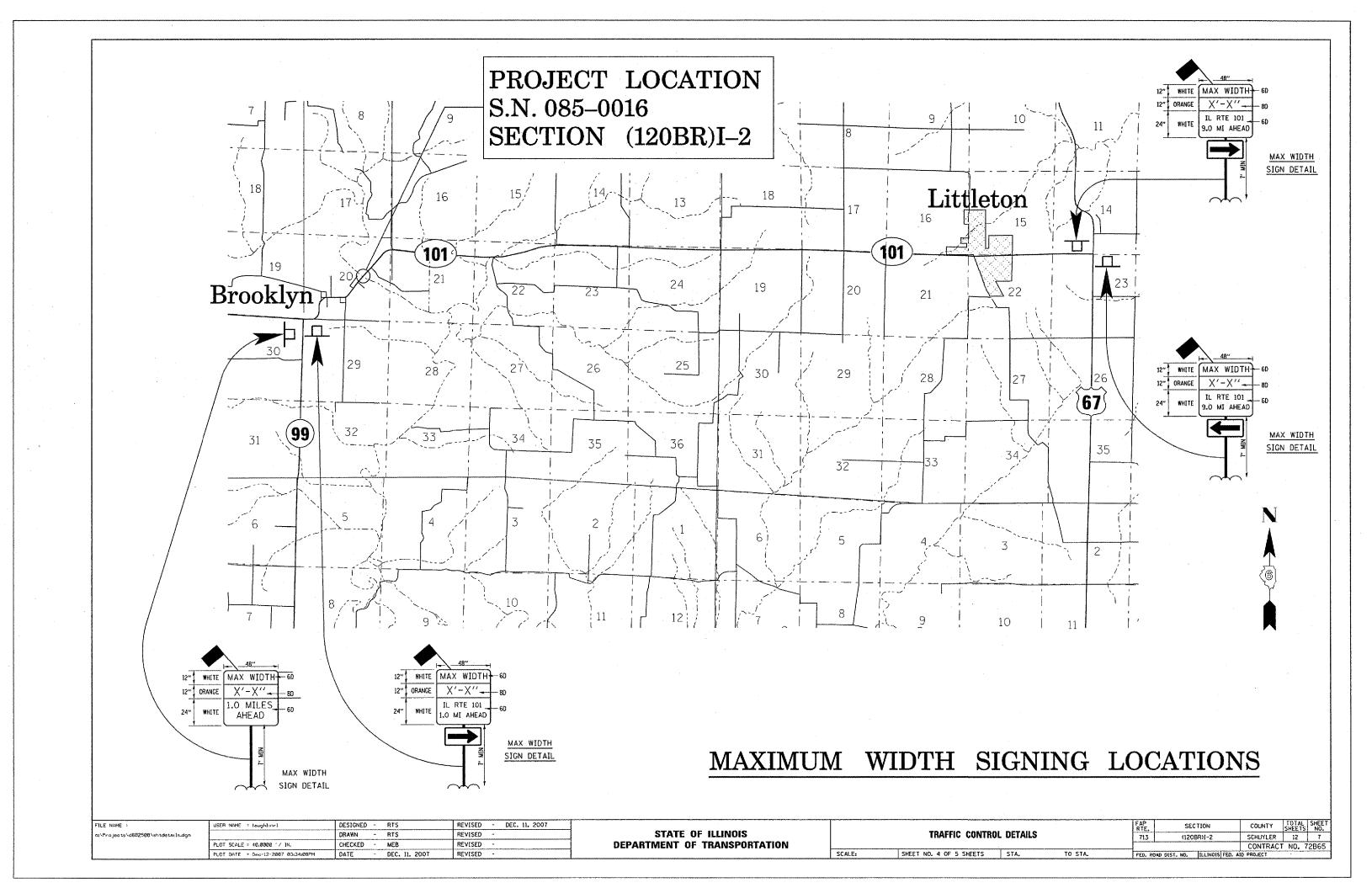


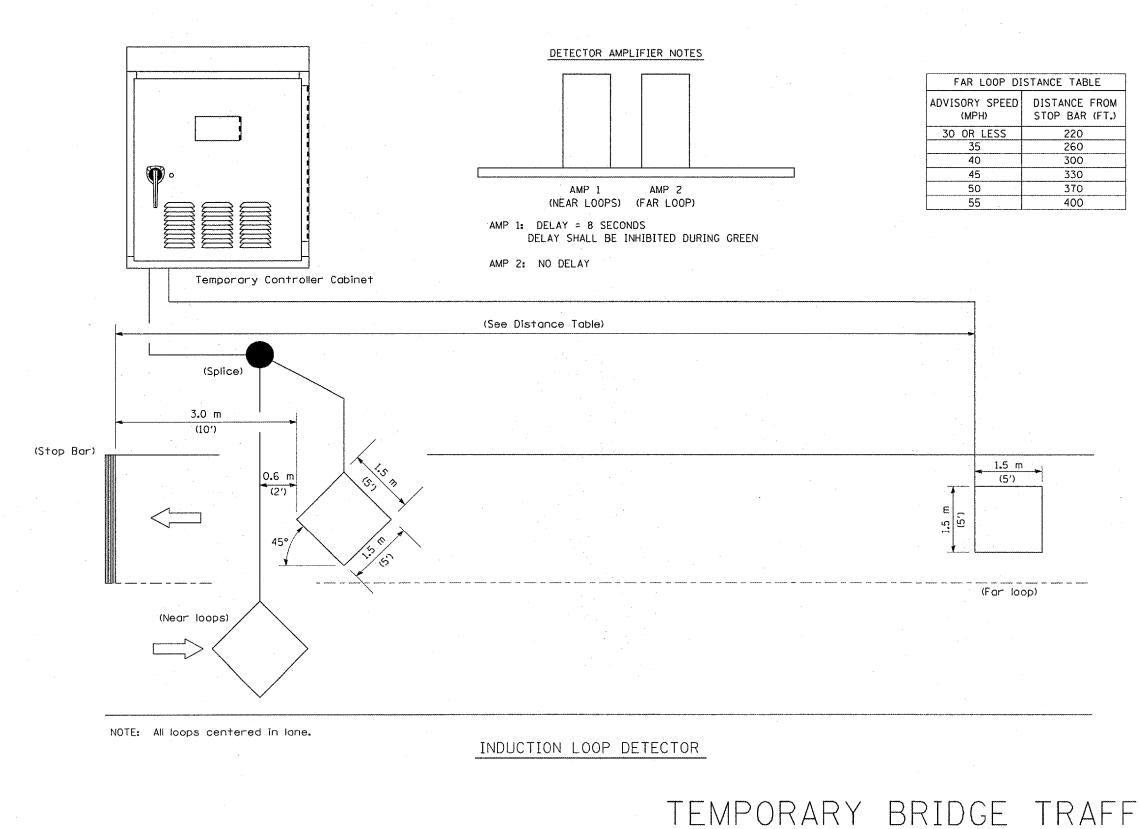
## STAGING CROSS SECTION IL 101 OVER THE LAMOINE RIVER. S.N. 85-0016 STAGE TWO REMOVAL



## STAGING CROSS SECTION IL 101 OVER THE LAMOINE RIVER, S.N. 85-0016 STAGE TWO CONSTRUCTION

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# TEMPORARY BRIDGE TRAFFIC SIGNAL LOOP PLACEMENT DETAIL SHEET

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\*\*Contractor is to verify beam length prior to ordering SHEETS SHEET NO. SHEET NO. 1 STATE OF ILLINOIS material. Other sections meeting the section modulus Schuyler 12 4 SHEETS requirements shown may be allowed subject to approval \*© Transverse tie £'s (3 per span). Place DEPARTMENT OF TRANSPORTATION by the Bureau of Bridges and Structures. Maximum Girder additional shims at midpoints between tie E's. PED, ROAD DIST, NO. 7 ILLINDIS FEO, AID PROJEC depth Spans 1 & 4 = 27", Spans 5, 7 & 10 = 33". Securely weld shims to top flange of support Contract Number: 72B65 No additional payment will be allowed if the contractor beam. Minimum shim size is 6" x flange width. chooses a heavier steel section than the one specified in the plans \*\*W30x116 x 39'-4'2" (Min.  $Sx Rea'd = 329 in^3$ ) \*\*W30x116 x 39'-2" \*\*W24x84 x 29'-812" \*\*W30x116 x 39'-0" (Min.  $Sx Rea'd = 329 in^3$ ) \*\*W24x84 x 29'-8'2" (Min.  $Sx Reg'd = 329 in^3$ ) (Min.  $Sx Req'd = 196 in^3$ ) (Min.  $Sx Reg'd = 196 in^3$ ) € Pier 4 € Pier 2 --€ Pier 3----© Pier 5 --€ Pier 7 ---@ Pler 1-@ Pier 6 --@ Pier 8 --@ Pier 9 ---€ Pier 10 ---Bk. of -Bk. of E. Abut. W. Abut. **ELEVATION B** 33′-0" 75'-6" 33'-0" 43'-3" 43'-0" 43'-0" 43'-0" 43'-0" 431-31 43'-0" 43'-0" © Pier 3 --© Pier 4 © Pier 5 € Pier 6 -© Pier 7 C Pier 8-Bk. of © Pier 9 @ Pier 10 --Bk. of F◀n E. Abut. W. Abut.  $D \blacktriangleleft 1$ . Deck Bec -0" = 33'-3'-1 2 Spg at 2 Spa at 2 Spa at 2 Spa at 2 Spa at \*Transverse tie \*Transverse tie \*Transverse tie \*Transverse tie 12'-0" = 12'-0" = 12'-0" = £ spacing £ spacing # spacina ₽ spacing Max. В 20'-0" **B** 20'-0" 24'-0" 24'-0" 24'-0" Concrete Removal Saw cut 9'-712" 9'-6" 9'-6' 10 locations. Existing tie rods to-6'-6 L∌F  $D \blacktriangleleft 1$ PLAN be cut (typ) see detail --9'-7½' on this sheet. 21-3" TOTAL BILL OF MATERIAL **DESIGN STRESSES** Existing Beam 2'-0" (New Construction) to Remain UNIT QUANTITY ITEM FIELD UNITS 5'-3" Concrete Removal 1.3 679 Cu. Yd. f'c = 3,500 psi Removal of Existing PPC Deck Beams Sa. Ft. fy = 60,000 psi (Reinforcement) 2'-0" 3'-0" Sq. Yd. 83.6 Concrete Wearing Surface GENERAL NOTES Sq. Ft. Sq. Yd. 3'-6" PC Deck Beams (33" Depth) 673 PRECAST PRESTRESSED UNITS Existing Beam 83.6 Protective Coat  $f'c = 5,000 \ psi$  $f'ci = 4,000 \ psi$ 3"  $\perp$ To be removed 3'-0" 154 Mechanical Splicers Each f's = 270,000 (½"\$ low relaxation strands) Asbestos Bearing Pad Removal Each Cut lines of existing For stage construction details see Roadway Plans. Pound 1860  $f'si = 201,960 \binom{1}{2}$  (in particular formula) Reinforcement Bars, Epoxy Coated The deck surface shall have its final finish tined according to Article 420,09(e)(1) urnishina and Erectina Structural Steel | Pound | 56620 of the Standard Specifications. Cost included with Concrete Wearing Surface. BEAM REMOVAL DETAIL The contractor is advised that the existing PPC Deck Beams are in a All structural steel shall conform to AASHTO Classification M-270 Gr. 36, \*At Pier 2 AT TRANSVERSE TIES unless otherwise noted. deteriorated condition with reduced load carrying capacity. It is the Plan dimensions and details relative to existing plans are subject to routine contractors responsibility to account for the condition of the beams when variations. The Contractor shall field verify existing dimensions and details 1<sup>3</sup>16"Ø holes for developing construction procedures. affecting new construction and make necessary approved adjustments prior ³₄"¢ threaded rods If the contractor's procedure for existing beam removal or placement of new to construction or ordering of materials. Such variations shall not be cause beams involves placement of cranes or other heavy equipment on the bridge, TRANSVERSE TIE Æ'S for additional compensation for a change in scope of the work, however, the a detailed procedure shall be submitted to the Engineer for approval. The Contractor will be paid for the quantity actually furnished based upon the unit procedure shall include calculations, prepared and sealed by an Illinois P A 5" x 2'-3" x 6" (12 Reg'd) " x 5'-3" x 6" (9 Rea'd) price bid for the work. Licensed Structural Engineer, verifying that the equipment and procedure used Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 P. C 2" x 3'-6" x 6" (6 Req'd) OF IL will not overstress the new or existing beams. To distribute load to multiple beams (IL Modified). See Special Provisions. and protect the existing surface, in all cases a double layer mat of heavy timbers Reinforcement bars designated (E) shall be epoxy coated. shall be used at all times under crane tracks or wheels and any outriggers in the Any damage done to the bridge during beam removal shall be repaired by down position. If necessary, shims shall be used under the crane mat to ensure the Contractor. Cost to be included in the cost of "Removal of Existing uniform contact with the underlying beams. If heavy equipment will be placed on P.P.C. Deck Beams". new PPC deck beams, the following shall be done prior to placement of the timber Temporary concrete barrier shall only be anchored into the overlay and mats: placement and tightening of transverse tie assemblies, grouting and curing 081-004625 DESIGNED Victor H. Velia January 8, 2001 not the PPC Deck Beams. the dowel rods 24 hours minimum and grouting and curing the shear keys. All structural steel shall be shop painted with the inorganic zinc rich primer per The top surface of the beams shall be finished according to the IDOT Manual PLAN AND ELEVATION AASHTO M300, Type 1. Cost included with Furnishing and Erecting Structural for Entrication of Precast Prestressed Concrete Products IL 101 SAPINGFIELD. See Section 584 of the Standard Specifications for epoxy grouting of threaded PASSED Existing reinforcement extending into the removal area shall be cleaned, STRUCTURAL rods; Minimum embedment 9". SCHUYLER COUNTY straightened and incorporated into the new construction. Any reinforcement bars The cost of epoxy grouting threaded rods shall be included with Furnishing And Mayember that are damaged during concrete removal shall be replaced with an approved bar and Erecting Structural Steel. SN 085-0016 splicer or anchorage system. Cost included with Concrete Removal. The Contractor has the option of using used steel. See Special Provisions. ber 30, 2008 Expires:

SLT-96-001-07

