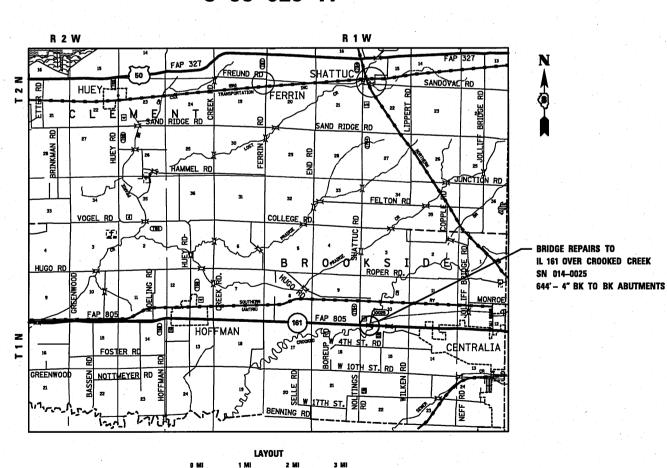
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 805 (IL 161) SECTION 7BR-2 **BRIDGE REPAIR CLINTON COUNTY** C-98-025-11

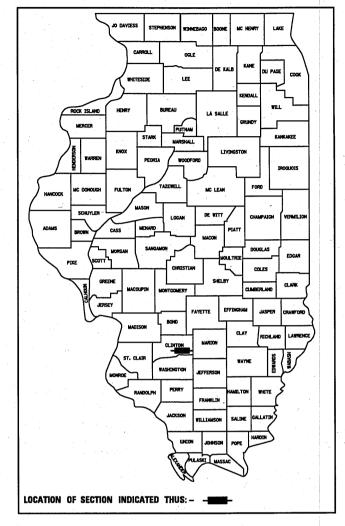


GROSS LENGTH = 0.122 MILE

NET LENGTH = 0.122 MILE

CLINTON 8 CONTRACT NO. 76E66

D-98-025-11



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS

1 COVER SHEET

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- 2 SUMMARY OF QUANTITIES, GENERAL NOTES & COMMITMENTS
- 3-8 REPAIR PLANS

HIGHWAY STANDARDS

000001-06 701201-04 701901-01

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

PROJECT ENGINEER PATTI LeBEAU 618-346-3179 PROJECT MANAGER BILLIE OWEN 618-346-3189

CONTRACT NO. 76E66

TRAFFIC DATA

ADT = 8300 (2031)SU = 3.8 %

LONGITUDE: 89.19367

MU = 3.5 %

LATITUDE: 38.53489

			STATE	CONS	TRUCTION TYPE	CODE
	SUMMARY OF QUANTITIES		STATE	0014		
CODE NO	ITEM	UNIT	QUANTITIES			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1.7	1.7		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	350	350		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1	*	
10100430	STANDARD 701201					
Z0001905	STRUCTURAL STEEL REPAIR	POUND	5930	5930		
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GENERAL NOTES:

- 1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- 2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AT&T ILLINOIS
 - CITY OF CENTRAILIA (WATER & SANITARY SEWER)
 CLINTON COUNTY ELECTRIC COOPERATIVE

 - . HOFFMAN RURAL WATER DISTRICT
 - . HOYLETON RURAL WATER COMPANY
 - . PAETEC/MCLEOD USA TELECOMMUNICATIONS, INC.

MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY AN . NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- 4. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT AND ALL INTERSECTING SIDE ROADS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLOURESCENT ORANGE, 48".
- SHALL BE INCLUDED IN THE COST OF "CONCRETE SUPERSTRUCTURE" AND NO OTHER COMPENSATION WILL BE PERMITTED. 5. THE REMOVAL AND REPLACEMENT OF THE 1' x 1' POUR HOLE AS SHOWN IN THE DETAIL FOR PIER *3

PERTINENT INFORMATION

THE CONTRACTOR SHALL BE AWARE THAT THERE ARE WETLANDS LOCATED WITHIN THE RIGHT OF WAY ON THE NORTH SIDE OF THE STRUCTURE. IN ORDER TO ACCESS THE SITE, THE CONTRACTOR SHALL BE PERMITTED TO TRANSPORT HIS EQUIPMENT ALONG THE TOE OF SLOPE. HOWEVER, HE SHOULD TAKE CARE TO MINIMIZE DAMAGE TO THE WETLANDS.

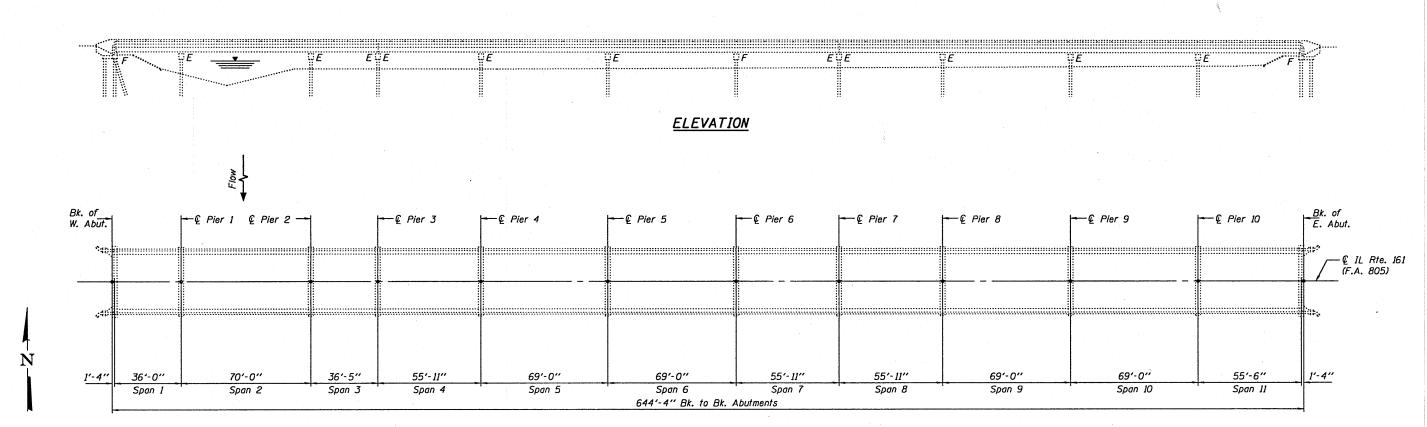
COMMITMENTS

NONE

	· · · · · · · · · · · · · · · · · · ·		
FILE NAME =	USER NAME = \$USER\$	DESIGNED	REVISED
♦FILEL ♦		DRAWN	REVISED
	PLOT SCALE = #SCALE#	CHECKED	REVISED
	PLOT DATE = *DATE*	DATE	REVISED

STATE OF		
DEPARTMENT OF	TRANSPORTATION	

•					
SUMMARY OF QUANTITES, GENERAL NOTES	F.A.P.	SECTION	COUNTY	TOTAL	SHEET NO.
	805	7BR-2	CLINTON	8	2
			CONTRACT	NO.	76E66
ALEI SHEET NO OF SHEETS STA TO STA	FED. RO	DAD DIST. NO ILLINOIS FED. A	ID PROJECT		



<u>PLAN</u>

GENERAL NOTES

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

Fasteners shall be high strength bolts. Bolts $^{7}8^{\prime\prime}$, open holes 15 ₁₆ $^{\prime\prime}$, unless otherwise noted.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision

"Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

All structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300. Type 1. Cost included with Structural Steel Repair.

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 Structural Steel Repair.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

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. Materials used for epoxy injection shall be as specified in Article 1025 of

Materials used for epoxy injection shall be as specified in Article 1025 of the Standard Specifications.

If the work is not performed under stage construction, temporary traffic control shall be utilized such that traffic shall not be allowed at locations during steel diaphragm removal and replacement.

TOTAL BILL OF MATERIAL

ITFM	UNIT	TOTAL
		17
Concrete Superstructure	Cu. Yd.	5930
Structural Steel Repair	Pound	
Reinforcement Bars, Epoxy Coated	Pound	350

IL 161 OVER CROOKED CREEK

PLAN AND ELEVATION
STATE OF ILLINOIS
ENGINEER OF STRUCTURES

PLAN AND ELEVATION
STATE OF ILLINOIS
SN 014-0025

SHEET NO. 1 OF 6 SHEETS

PLAN AND ELEVATION
STATE OF ILLINOIS
SN 014-0025

SHEET NO. 1 OF 6 SHEETS

SHEET NO. 1 OF 6 SHEETS

SECTION COUNTY SHEETS NO. 70TAL SHEETS NO.

081-004625 **

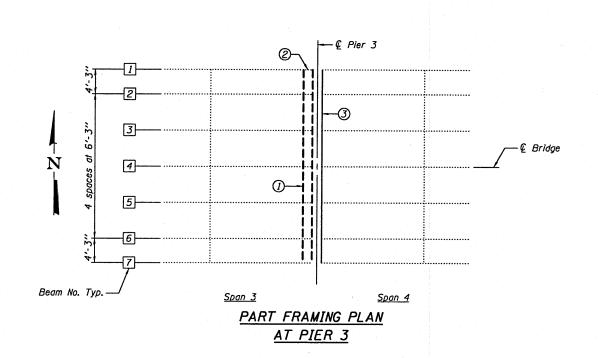
ORI-004625 **

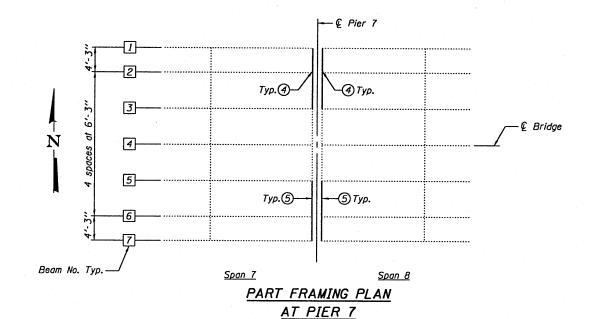
ORI-00

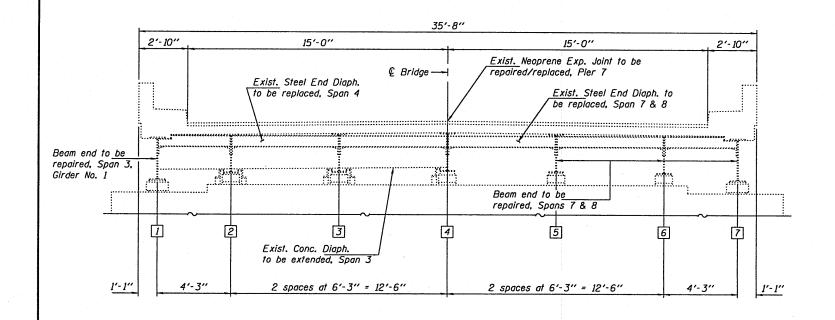
EXPIRES 11-30-2012

DESIGNED Wich H Jely
DRAWN baliva
CHECKED JACON HAVE

PASSED SAN







HALF SECTION

AT PIER 7

(Looking East)

ID NO.	LOCATION	MEMBER	REPAIR/REPLACE
0	Pier 3, Span 3 All bays	Conc. Diaph.	Extend diaphragm to top of existing concrete cap, see detail sheet 3 of 6
2	Pier 3, Span 3 Beam No. 1	Steel Beam	Perform beam web end repair, see detail sheet 3 of 6
3	Pier 3, Span 4 All bays	Steel Diaph.	Replace end diaphragm and conn. angles, see detail sheet 5 of 6
4	Pier 7, Span 7-Beams 1, 2 & 5-7 Span 8-Beams 1-3 & 5-7	Steel Beam	Perform beam web end repair, see detail sheet 4 of 6
⑤	Pier 7, Span 7 & 8 Bays 1, 2, 5 & 6	Steel Diaph.	Replace end diaphragm and conn. angles, see detail sheet 6 of 6

IL 161 OVER CROOKED CREEK

DESIGNED GGE

CHECKED VHV

DRAWN baliva

CHECKED GGE VHV

EXAMINED

LCM from
ENGINEER OF STRUCTURAL SERVICES
Walph E. Children
ENGINEER OF BRIDGES AND STRUCTURES

ENGINEER OF BRIDGES AND STRUCTURES

HALF SECTION

AT PIER 3

(Looking East)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REPAIR/REPLACEMENT SCHEDULE
SN 014-0025

SHEET NO. 2 OF 6 SHEETS

A. SECTION COUNTY SHEETS NO.
05 78R-2 CLINTON 8 4

CONTRACT NO. 76E66

