INDEX OF SHEETS

- 1 COVER SHEET
- 2 COMMITMENTS & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULE OF QUANTITIES
- **6 TRAFFIC STAGING PLAN**
- 7 WIDTH RESTRICTION SIGN LOCATIONS
- 8 STAGE REMOVAL AND CONSTRUCTION
- 9-12 BEAM REPLACEMENT DETAILS

LIST OF STANDARDS

000001-05 701321-09 701001-01 701326-02

701006-02 701901

701011-01 704001-04

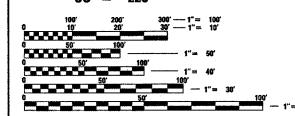
701301-02 780001-01

701311-02

DESIGN DESIGNATION

ADT = 4800 (2007)

MU = 350 SU = 225



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 : RICHARD DOTSON SQUAD LEADER : NICHOLAS JACK PROJECT DESIGNER : GEORGE RAMIA

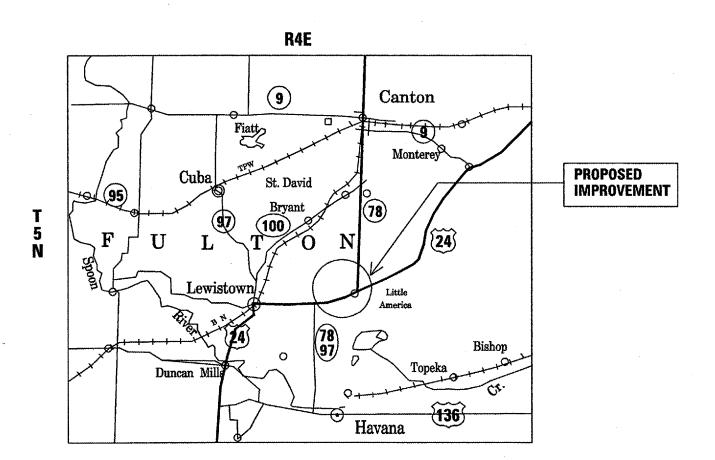
CONTRACT NO. 68782 CATALOG NO. 033714-00D

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 317 (US 24)
SECTION (137–BR–1) I–1
FULTON COUNTY
EMERGENCY BRIDGE BEAM REPLACEMENT
C-94–021–08



GROSS LENGTH OF PROJECT : 880 FT (0.167 MILES)

ET LENGTH OF PROJECT: 880 FT (0.167 MILES)

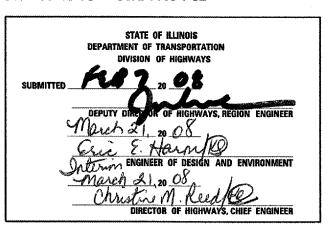
-						
	F.A.P	317	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
	US	24	(137-BR-1)I-1	FULTON	1	12

D-94-020-08



DESCRIPTION:

EMERGENCY BRIDGE BEAM REPLACEMENT (5 BEAMS) ON STRUCTURE CARRYING US 24 OVER BIG SISTER (S.N. 029-0018), 1.7 MILES SW OF IL 78 STA. 1446 + 92



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

COMMITMENTS

NO COMMITMENTS HAVE

BEEN MADE FOR THIS PROJECT

CLOSURE OF NORTH MUD AND EAST GRAIN BIN ROAD

The Contractor shall notifiy the Resident Engineer three (3) weeks prior to closing North Mud Road and East Grain Bin Road. Important contact numbers are listed below.

Liverpool Township Road Commissioner - Tom Settles (309)668-2166 Fulton County Engineer - William Kuhn (309)647-0351 Fulton County Sheriff - (309)547-2277 Buckhart Fire & Rescue - (309)668-2896 Lewistown Fire & Rescue - (309)547-3325 Fulton County Ambulance Service - (309)647-5147 Lewistown Community School District Transportation Manager - Marian Jugovic - (309)547-3881

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e): All of the telephone lines provided shall have unpublished numbers.

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this Project: Contract 68782 US 24 over Big Sister Creek.

OO 22 TO VOT DIG CICLOT	VIVVIII
Mixture Use(s):	Sand Mix
AC/PG:	SBS or

Mixture Use(s):	Sand Mix/Leveling Binder	Surface
AC/PG:	SBS or SBR PB 70-22	64-22
RAP % (Max)**:	0%	15%
Design Air Voids:	2.5% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 4.75	IL 9.5 or 12.5
Friction Aggregate:	N/A	Mix D

^{**} If RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Materials Engineer.

Notes: Individual lift thickness of each mix type will be no less than 3 X nominal maximum aggregate size and no more than 6 X nominal maximum aggregate size. The asphalt sand seal protection layer specified in Section 581 of the Standard Specifications shall be omitted and replaced with Leveling Binder (Hand Method), N50.

REVISED

REVISED

The "SAND MIX / LEVELING BINDER" will be paid for separately by the ton as POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50.

DRAWN

CHECKED

u Bridge Repair Contracts\68782\plan@i.dgr

PLOT SCALE = 100.0000 '/ IN.

SAGENADRAFTASTDÁPI NSASOUADIØAE

Plan dimensions and details relative to 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 of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Environmental Survey Request)
- * A location map showing the size limits and location of the use area
- * Signed property owner agreement form-D4 P10100
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form-D4 P10101

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

ATATE OF 111 MAIO		F.A.P RTE.	SECTION
STATE OF ILLINOIS	COMMITMENT & GENERAL NOTES	317	(137-BR-1)I-1
DEPARTMENT OF TRANSPORTATION	COMMITMENT & GENERAL HOLD		

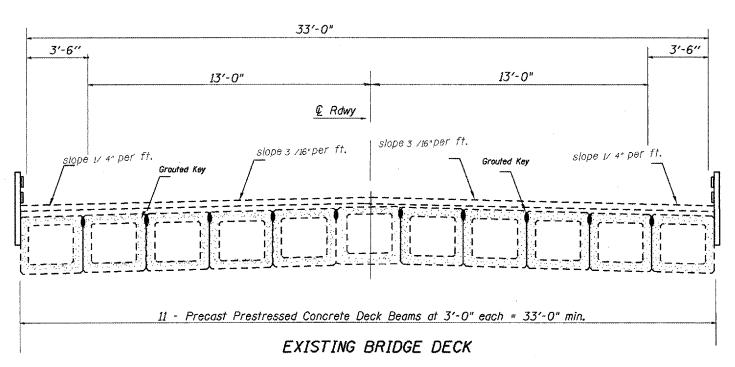
SUMMARY OF QUANTITIES

		100% ST FULTON	ATE SAF	
CODE NO.	ITEM	UNI T	RURAL	TOTAL
20200500	EARTH EXCAVATION WIDENING	CU YD	280	280
25100630	EROSION CONTROL BLANKET	SQ YD	3,388	3,388
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SQ YD	1,120	1,120
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	40	40
40603335	HOT- MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	22	22
44001005	HOT-MIX ASPHALT SURFACE REMOVAL	SQ YD	11	11
50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	SQ FT	1,188	1,188
50900905	REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	159	159
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	143	143
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	396	396
67000400	ENGINEER FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	LSUM	1	1
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1

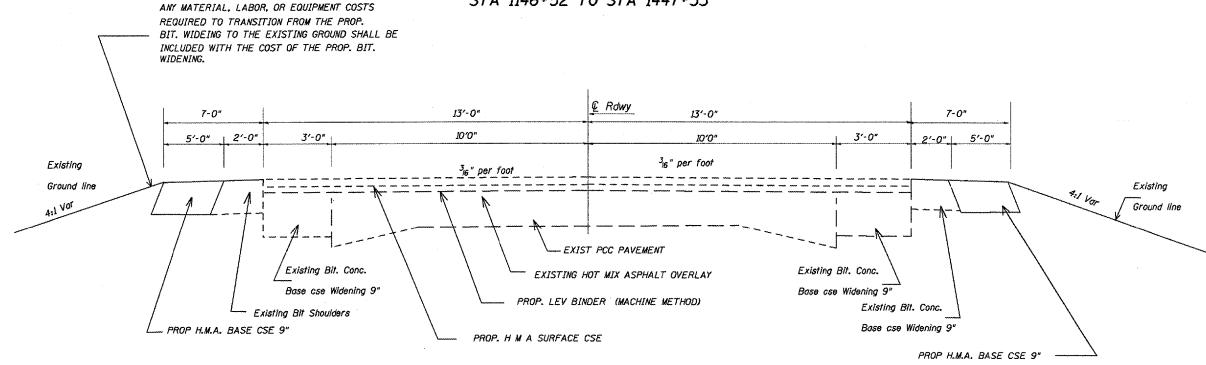
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CODE NO.	ITEM	UNIT	RURAL	TOTAL
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	800	800
, 0000.00	OFFICIAL PARENT WARRING	1,00,	000	000
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	270	270
70400100	TEMPORARY CONCRETE BARRIER	FOOT	312.5	312.5
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	312.5	312.5
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,800	1,800
78300100	DAVEMENT MADVING DEMOVAL	1 60 57		F 40
78300100	PAVEMENT MARKING REMOVAL	SQ FT	540	540
X0320047	REMOVAL OF EXISTING PRECAST	SQ FT	1,188	1,188
	PRESTRESSED CONCRETE DECK BEAMS			
X0325569	TEMPORARY BRIDGE TRAFFIC SIGNALS	FACU	1	1
X0023003	RESIDENTIAL APPROACH	EACH	1	1
	·			
X4067107	POLYMERIZED LEVELING BINDER	TON	11	11
	(MACHINE METHOD), IL-4.75, N50			
X7011830	TRAFFIC CONTROL AND PROTECTION,	EACH	2	2
	STANDARD BLR 21			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
X7016500	(SPECIAL) TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
			-	
Z0030250	IMPACT ATTENUATORS, TEMPORARY	EACH	2	2
	(NON-REDIRECTIVE), TEST LEVEL 3			
Z0030350	IMPACT ATTENUATORS, RELOCATE	EACH	2	2
2000000	(NON-REDIRECTIVE), TEST LEVEL3	LAUII		2
*:	SPECIALTY ITEM			*************************************

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L		PLOT DATE > *DATE*	DATE -	REVISED		SCALE	STA.	TO STA.	FED. ROAD DIST. NO. US 24 FED. AID PROJECT

TYPICAL SECTIONS



STA 1146+52 TO STA 1447+33



EXISTING PAVEMENT
STA 1443+00 TO STA 1451+00

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	F,A.P RTE,	SECTION	COUNTY	TOTAL	SHEET NO.
TYPICAL SECTION	317	(137-BR-1)I-1	FULTON	12	4
THOSE DECITOR			CONTRAC	T NO. 68	3782

SCHEDULE OF QUANTITIES

LOCATIONS STA. TO STA.	TEMPORARY CONCRETE BARRIER	RELOCATE TEMP CONC BARRIER
	FOOT	FOOT
1445+35.75 - 1448+48.25	312.5	312.5
TOTAL	312.5	312.5

LOCATIONS STA. TO STA.	BÍT MAT (PRIME COAT)	POL LB MM IL4.75 N50
4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	GALLON	TON
1443+00 - 1451+00	40	11
TOTAL	. 40	11

LOCATIONS STA. TO STA.	ENGINEER FIELD OFFICE TYPE A	MOBILIZATION	T C & PROT STANDARD BLR 21	T C & PROT STANDARD BLR 22
	CAL. MO.	L SUM	L SUM	L SUM
1443+00 - 1451+00	2	1	. 2	1
TOTAL	. 2	1	2	1

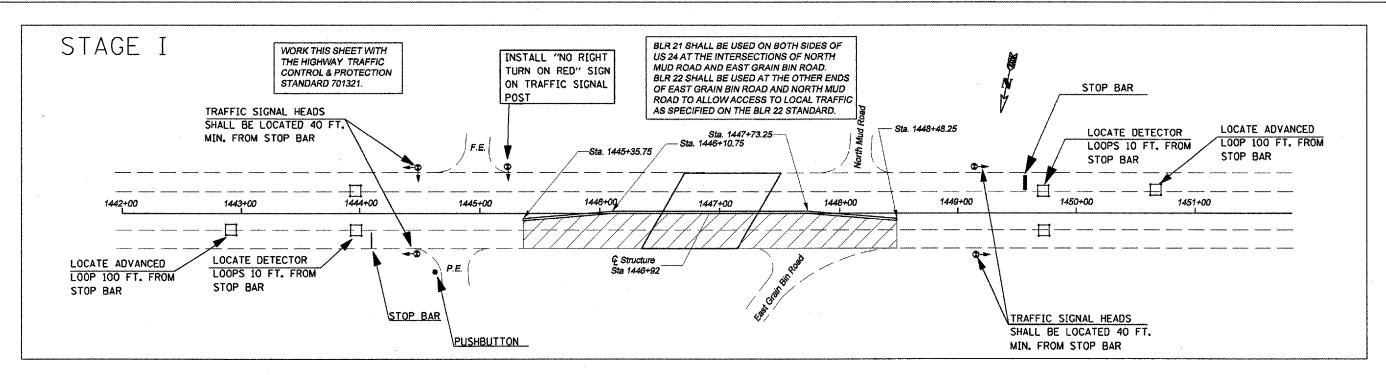
LOCATIONS STA. TO STA.	CHANGEABLE MESSAGE SIGN	TRAFFIC CONTROL SURVEILLANCE	T C & PROT STANDARD 701321	T C & PROT STANDARD 701326
	CAL DA	CAL DA	EACH	L SUM
1443+00 - 1451+00	14	5	1	1.
TOTAL	14	5	1	1

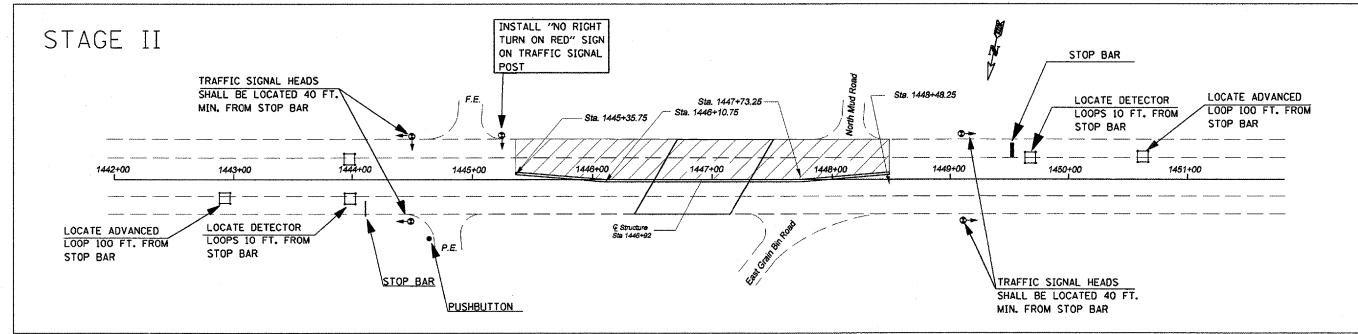
LOCATIONS STA. TO STA,	EARTH EXCAV WIDENING	HOT MIX ASPHALT BASE COURSE, 9"	EROSION CONTROL BLANKET
	CU YD	SQ YD	SQ YD
1443+00 - 1451+00	280	1,120	3,388
TOTAL	280	1,120	3,388

LOCATIONS STA. TO STA.	SHORT - TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	PAINT PAVEMENT MARKING LINE 4"	PAVEMENT MARKING REMOVAL
	FOOT	SQ FT	FOOT	SQ FT
1443+00 - 1451+00	800	270	1,800	540
TOTAL	800	270	1,800	540

LOCATIONS STA. TO STA.	IMPACT ATT TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATT RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3
	EACH	EACH
1445+35.75 - 1448+48.25	2	2
TOTAL	2	2

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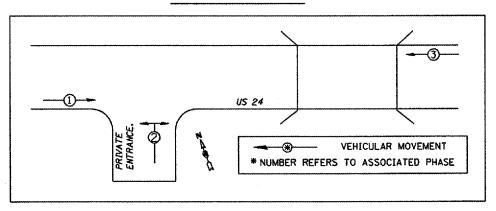


NOT TO SCALE

NOTES:

- AT THE CONTRACTOR'S OPTION, TEMPORARY PORTABLE BRIDGE TRAFFIC SIGNALS MAY BE USED IN PLACE OF TEMPORARY BRIDGE TRAFFIC SIGNALS.
- 2. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH STANDARD 701321 EXCEPT WHERE MODIFIED ON THIS PLAN SHEET.
- 3. THREE PHASE SIGNAL OPERATION IS REQUIRED. THE ENGINEER OF TRAFFIC SHALL APPROVE ALL TIMING PARAMETERS.
- 4. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" DIAMETER LENSES.
- 5. THE LOCATIONS OF TRAFFIC SIGNAL POSTS, STOP BARS, AND DETECTOR LOOPS SHALL BE SUBJECT TO APPROVAL BY THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
- 6. THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCH REQUIREMENTS.
- 7. THE CONTRACTOR, AT HIS OPTION, MAY ELECT TO UTILIZE MICROWAVE DETECTORS IN PLACE OF DETECTOR LOOPS FOR BOTH APPROACHES ON US 24.
- 8. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS AND PLAN SHEET DETAILS SHALL BE INCLUDED IN THE PRICE FOR THE TEMPORARY BRIDGE SIGNAL INSTALLATION.

TEMPORARY PHASE DIAGRAM



PLAN SHEET SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
TEMPORARY BRIDGE TRAFFIC SIGNAL, SPECIAL	EACH	1.0
TEMPORARY BRIDGE TRAFFIC SIGNAL, RESIDENTIAL APPROACH	EACH	1.0

LEGEND

TEMPORARY WOOD POLE OR POST

3 SEC. SIGNAL HEAD W/ BACKPLATE

DETECTOR LOOP - 6' X 6' UNLESS OTHERWISE NOTED

WORK AREA

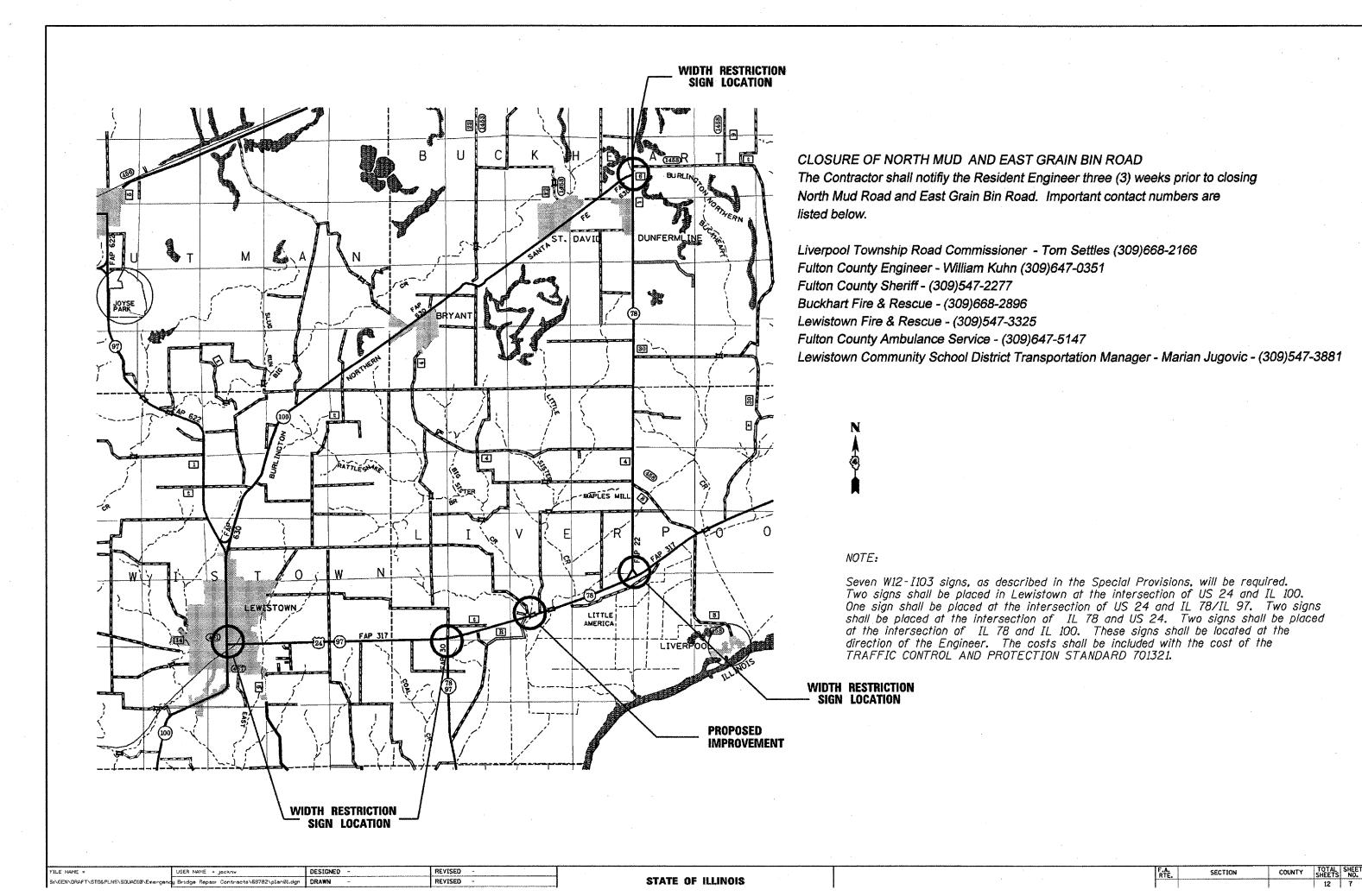
TEMPORARY CONCRETE BARRIER

NOTE: ALL ITEMS REQUIRED TO SIGNALIZE THE PRIVATE ENTRANCE SHALL BE INCLUDED IN THE PAY ITEM FOR "TEMPORARY BRIDGE TRAFFIC SIGNALS, RESIDENTIAL APPROACH" INCLUDING, BUT NOT LIMITED TO, SIGNAL HEADS, POSTS, PUSHBUTTON, ELECTRIC CABLE, CABLE SUPPORTS, INTERCONNECT CABLE, CONTROLLER AND CABINET MODIFICATIONS, SIGNING, AND ALL OTHER ITEMS REQUIRED FOR THE INSTALLATION.

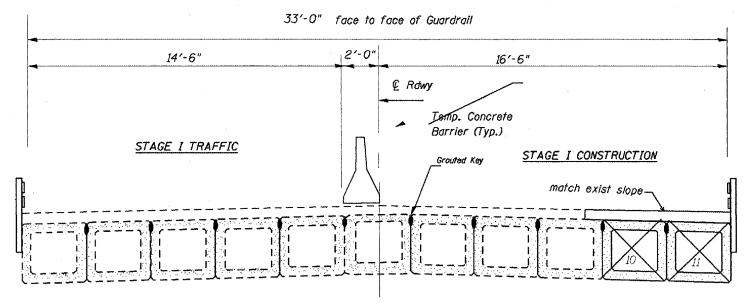
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY BRIDGE TRAFFIC SIGNAL DETAIL

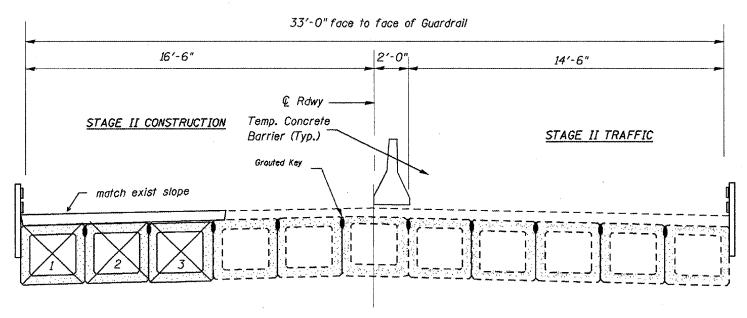


STAGE REMOVAL AND CONSTRUCTION



STAGE I CROSS SECTION

(Looking west)



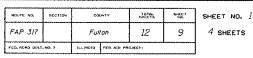
STAGE II CROSS SECTION

(Looking west)

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SI/GEN/DRAFT/STD&PLNS\SQUADIO\Emergandy Bridge Repair Contracts\68782\plan@l.dgn DRAWN - REVISED - STATE OF ILLINOIS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Contract Number: 68782

GENERAL NOTES

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.

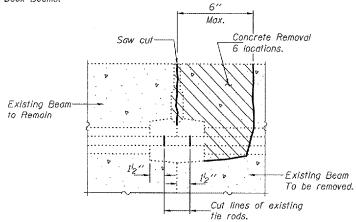
If the contractor's procedure for existing beam removal or placement of new beams involves placement of cranes or other heavy equipment on the bridge, a detailed procedure shall be submitted to the Engineer for approval. The procedure shall include calculations, prepared and sealed by an Illinois Licensed Structural Engineer, verifying that the equipment and procedure used will not overstress the new or 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. If heavy equipment will be placed on new PPC deck beams, the following shall be done prior to placement of the timber mots: placement and tightening of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting and curing the shear keys.

The top surface of the beams shall be finished according to the IDOT Manual for Fabrication of Precast Prestressed Concrete Products.

Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.

Temporary concrete barrier shall only be anchored into the overlay and not into the PPC Deck Beams,

Any damage done to the bridge during beam removal shall be repaired by the Contractor. Cost to be included in the cost of Removal of Existing PPC Deck Beams.

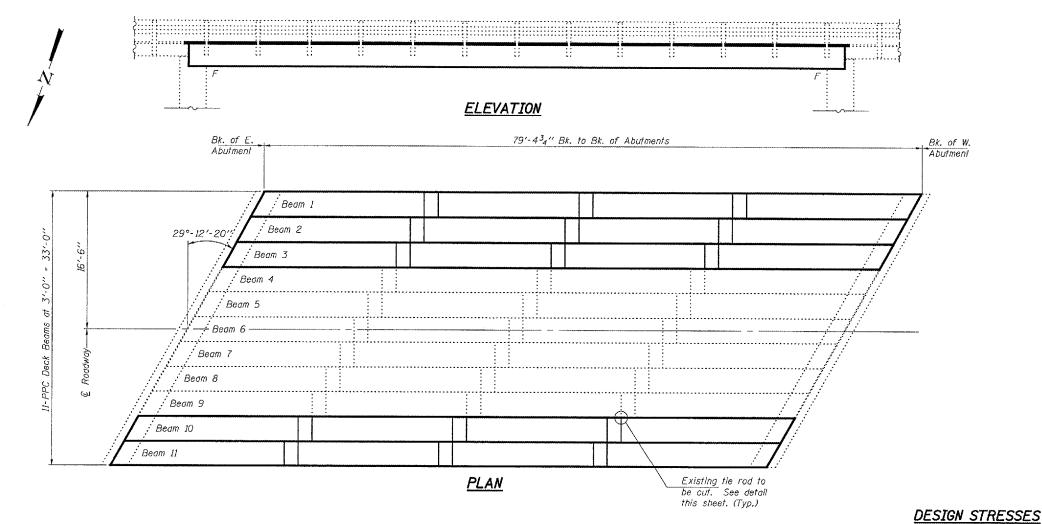


BEAM REMOVAL DETAIL AT TRANSVERSE TIES

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Removal of Existing PPC Deck Beams	Sq. Ft.	1188
Precast Prestressed Concrete Deck Beams (33" Depth)	Sq. Ft.	1188
Hot-Mix Asphalt Surface Removal	Sq. Yd.	10.8
HMA Surface Course Mix "D" N50	Tons	21.7
PC Mortar Fairing Course	Foot	396
Waterproofing Membrane System	Sq. Yd.	143
Removing and Re-erecting Existing Railing	Foot	<i>1</i> 59

PLAN & ELEVATION
SBI RT. 78
FULTON COUNTY
SN 029-0018



Stage I Construction

6"

Lap Waterproofing during
Stage II Construction

Waterproofing Membrane System

WATERPROOFING TREATMENT AT STAGE CONSTRUCTION

CHECKED ATH AUBON

FEBRUARY 25, 2008

EXAMINED DE CON PUNCY
PASSED RESULTED OF STRUCTURA SEPTIFES

PASSED RESULT E. Only Septifes

O81-004625

O81-004625

ORINGELE AND THE ORINGELE OF MANAGEMENT OF MANAGEMENT OF MANAGEMENT OF THE ORINGELE OR THE ORINGELE OR

Z"—

Top of Beam

79'-2\2''

End of Beam

Top of Beam

73'-2\2''

PRECAST PRESTRESSED UNITS

f'c = 5,000 psi

f'ci = 4,000 psi

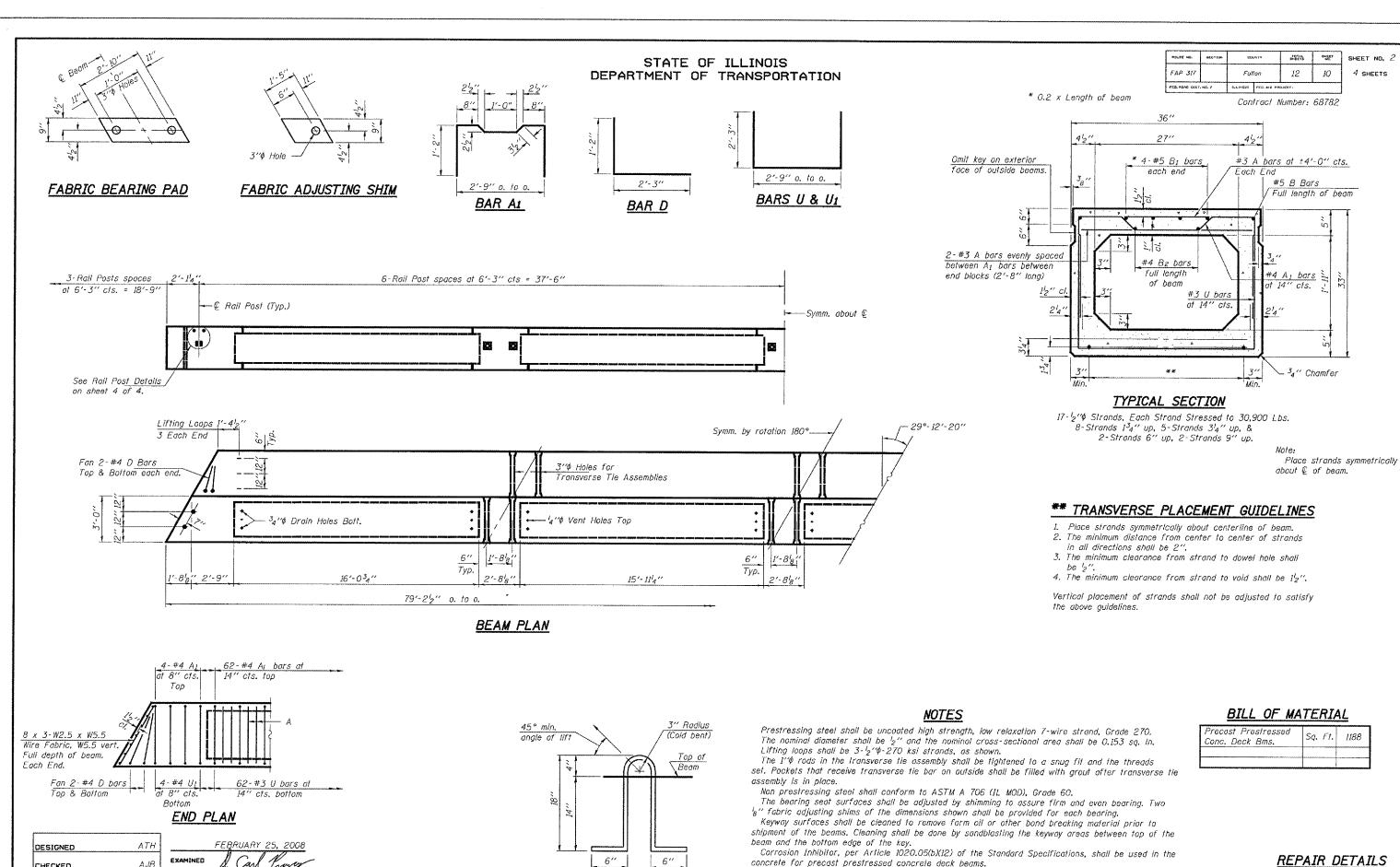
 $f's = 270,000 \text{ psi } (\frac{l_2}{q}) \text{ low lax strands})$

 $f'si = 201,960 psi {\binom{1}{2}}'' \text{ low lax strands}$

ANTICIPATED INITIAL CAMBER DIAGRAM

— Top of HMA Surface

EXPIRES 11-30-2008



LIFTING LOOP DETAIL

Required Release Strength, f'ci, shall be 4000 p.s.i.

A.IF

Steffer

ATH AJB

DRAWN

CHECKED

REPAIR DETAILS SBI RT. 78 FULTON COUNTY SN 029-0018

Sq. Ft.

1188

SHEET NO.

10

SHEET NO. 2

4 SHEETS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

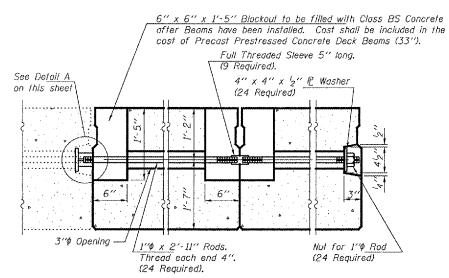
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FAP 317		Fyli	ton	12	11	
ROUTE NO.	GESTION	ep	JHYT	TOTAL SMEETS	SNEET NO.	\$

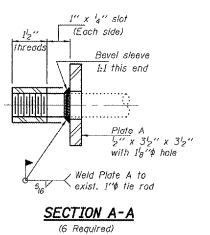
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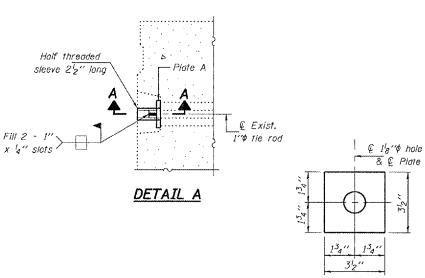
Contract Number: 68782

PLATE A

(6 Required)







Remove, store,

existing railing

& re-erect

TYPICAL TRANSVERSE TIE ASSEMBLY

14" x 34" Sawed Joint with

Elastic Joint Sealer in accordance with Article 589 of the Standard Specifications. (Full width) Cost

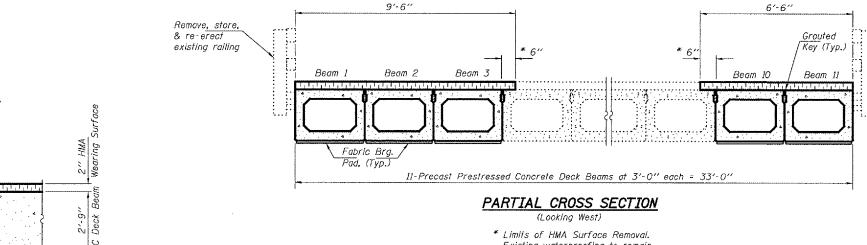
included with HMA Surface Course.

Limits of

HMA Removal

2" Fabric

Bearing Pad © Brg.



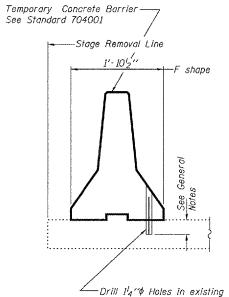
** 1" Joint shall be filled with non-shrink grout. This dimension may vary to accomodate tolerance in beam length.

 $1''\phi$ x 2'-6" Dowel rods in $1_2''\phi$ holes drilled in cap (2 Each Beam)

TYPICAL SECTION AT ABUTMENTS

Existing Dowel Rods shall be cut off & ground flush with the top of the existing concrete. Cost included with Removal of Existing PPC Deck Beams. Proposed Dowel Rods shall be grouted after beams are in place and allowed to cure (Min. 24 hrs.) prior to grouting shear keys.

* Limits of HMA Surface Removal. Existing waterproofing to remain. Lap new waterproofing 6" over existing.



— Drill 1½"\$\text{\$\psi\$} b Holes in existing overlay for 1"\$\psi\$ x 10" dowel bars. Traffic side only. Cost included with Temporary Concrete Barrier.

TEMPORARY CONCRETE BARRIER

REPAIR DETAILS
SBI RT. 78
FULTON COUNTY
SN 029-0018

DESIGNED	ATH
CHECKED	A JB
ORAWN	Steffen
CHECKED	ATH AJB

	FEBRUARY 25, 2008
EXAMINED	& Carl Prayey
PASSED &	Ralph E. andersa
***************************************	ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

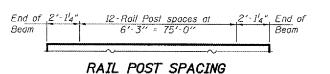
אסטינ אט,	SECTION	co	UNTY	107AL 51-6675	SHEET NO.	s
FAP 317		Ful	ton	12	12	
FEO. RONG DIST. NO. 2		fus.twars	FEG. AID PR	OJECT.		

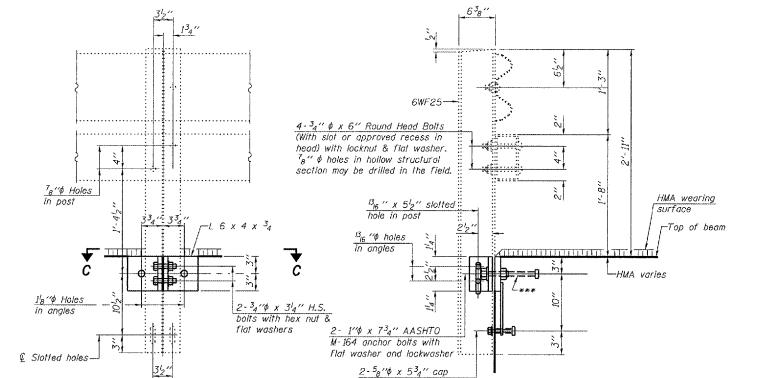
SHEET NO. 4

Contract Number: 68782

Notes:

All steel rail members shall be galvanized according to Article 509.05 of the Standard Specifications.



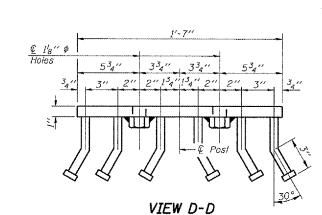


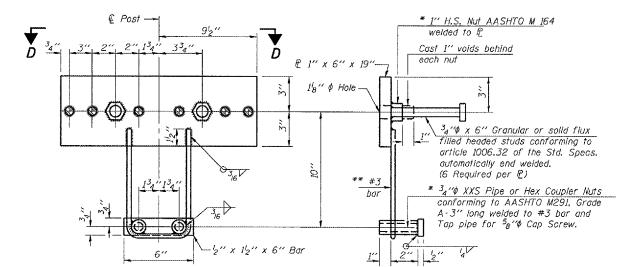
screws with flat washer

*** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.

SECTION AT RAIL POST

r▶B





ANCHOR DEVICE

- * Threaded areas shall be plugged or blocked off during casting of beam. Galvanized after fabrication.
- *** Whenever the lower insert assemblies interfere with strand locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed ½".

BILL OF MATERIAL

Item	Unit	Quantity
Remove and Re-erect Existing Railing	Foot	159

REPAIR DETAILS
SBI RT. 78
FULTON COUNTY
SN 029-0018

£ 1" x 5" x 1'-7"	angles o	and plate 3 ³ 4''	
L 6 x 4 x ³ ₄ x 6" long 2- ¹³ ₁₆ "\$\phi\$ Holes in ang i- ¹³ ₁₆ " x 4'2" Slotted hole in post	les l	J_6WF2	1 5 ₁₆ " Chamfer

SECTION C-C

, 1'8" \$ Holes in .

	ATH	FEBRUARY 25. 2008
DESIGNED	AIII	1 2 2000
CHECKED	AJB	EXAMINED & Carl Prayer
DRAWN	Steffen	PASSED Ralph E. andersa
CHECKEU	ATH AJR	ENGINEER OF BRIDGES AND STRUCTURES

SECTION B-B

34" x 2" Slotted holes