(309) PHONE

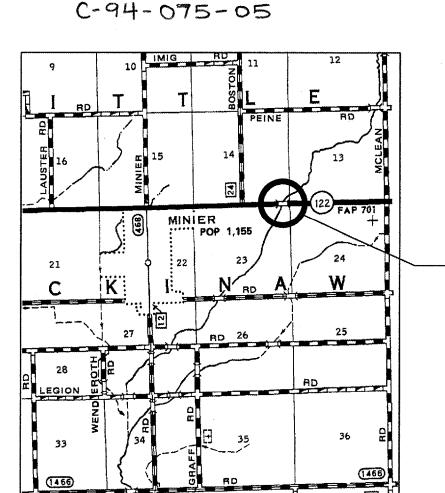
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

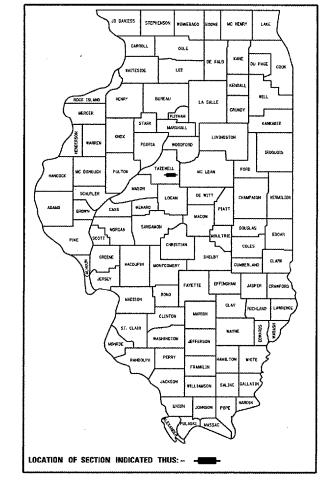
FAP ROUTE 701 (IL 122) SECTION (128 BR)I-1 **TAZEWELL COUNTY**



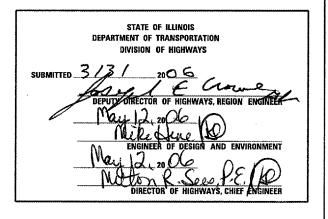
LOCATION MAP

F.A.P. SECTION COUNTY
701 (128BR)I-1 TAZEWELL COUNTY TOTAL SHEE'S NO.

D-94-066-05



SCOUR MITIGATION AND DECK BEAM REPLACEMENT ON STRUCTURE CARRYING IL. 122 OVER SUGAR CREEK (SN. 090-0058). 1 MILE EAST OF MINIER



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS:

- 1. COVER SHEET
- 2-3. COMMITMENTS & GENERAL NOTES
- 4-6. SUMMARY OF QUANTITIES
- 7. TYPICAL SECTIONS
- 8. QUANTITIES NOT OTHERWISE SHOWN
- 9. GENERAL SITE PLAN
- 10. BUTT JOINT DETAIL
- 11. TRAFFIC STAGING & CONTROL
- 12. PLAN AND ELEVATION
- 13. STAGE CONSTRUCTION DETAIL
- 14-22. BRIDGE REPAIR DETAILS
- 23-30. SCOUR MITIGATION PLAN

STANDARDS REQUIRED:

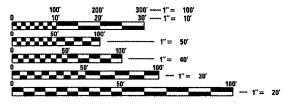
420401-05 701101-01 702001-06

515001-02 701106-01 704001-02

630001-06 701201-02 780001-01

631031-05 701306-01 781001-02

631 032-02 701 321-08



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

CONTRACT NO. 68484 CAT. NO. 033065-00D

GENERAL NOTES

- 1. Any reference to a standard in these plans shall be interpreted to mean the edition, as indicated by the sub-number listed in the index, or the copy of the standard included in these plans.
- 2. The Engineer and Owner further do not warrant that all utilities have been illustrated on these documents. The Contractor is solely responsible for contacting J.U.L.I.E. for field verification of all utilities on the site prior where section or subsection monuments are encountered. The Engineer shall be notified before such monuments are removed. The Contractor shall protect and carefully preserve all property markers and monuments until the Owner and an authorized surveyor or agent, have witnessed or otherwise referenced their location.
- 3. The Contractor shall confine his operations to the area located within the construction limit lines, as shown per plans. Any area disturbed beyond these limits shall be restored to it's original condition at the Contractor's expense.
- 4. All temporary pavement markings shall be placed in such a manner so as not to interfere with the placement of permanent pavement markings.
- 5. The thickness of the bituminous mixture shown on the plans is the nominal thickness. Deviations from the nominal thickness will be permitted when such deviations occur due to irregularities in the existing surface or the base course on which the bituminous mixture is placed.
- 6. No vibratory roller will be allowed.
- 7. Illinois State law requires a 48-hour notice be given to all utilities before digging. Field marking of facilities may also be obtained by calling J.U.L.I.E. and for non-J.U.L.I.E. members, the utility company directly. Agencies known to have facilities within the project area are as follows:
 - * CORNBELT ELECTRIC COOPERATIVE, INC.
 - * VERIZON
 - * MEDIACOM
 - * AT&T(SBC) COMMUNICATIONS
 - * AMEREN CILCO/IP
- 8. (Members of J.U.L.I.E. (800-892-0123 are indicated by *, whereas non-members must be notified individually.)

COMMITMENTS

There are no commitments for this project.

UTILITIES - LOCATIONS/INFORMATION ON PLANS

Unless noted otherwise, the location of existing water mains, gas mains, sewers, electric power lines, telephone lines, and other utilities as shown on the plans are based on careful field investigation and the information available, but they are not guaranteed. Some utility connections are shown as future. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall be milled more than three (3) days prior to placement of the bituminous surface course.

NAME PLATE RELOCATION

Name plates that will be removed as a result of this work shall be relocated on the steel bridge rail, Type SM as directed by the Engineer. The cost of removing and replacing the name plate(s), including all necessary fasteners, will not be measured or paid for seperately, but will be concidered as incidental to the contract.

The following mixture requirements are applicable for this project:

MIXTURE USE(S):	SURFACE (1 1/2" LIFT)
AC/PG RAP % (MAX) DESIGN AIR VOIDS MIX COMPOSITION (GRADATION MIXTURE) FRICTION AGG	PG 64-22 15% 4.2% © N=50 IL. 9.5 or 12.5 MIXTURE D

Plan quantities for bituminous concrete surface course items are calculated using a unit weight of 112 lb/sq.yd./in.

REVISIO	NS	ILLINOIS DEPARTMENT OF TRANSPOR	
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPOR	CIAILUN
		COMMI TMENTS	&
		GENERAL NOT	ES
		SCALE: VERT. DRAWN	BY CEJ

DT DATE * SDATES
LE MAME * SFILELS
DT SCALE * SCALES
FERENCE * SMEFS

FATE SECTION COUNTY TOTAL SHEET NO. 701 (1288811-1 TAZEWELL 30 3 STA. 77463.98 TO STA. 78448.02

FED. ROAD DIST, NO. 4 (LLINOIS FED. AID PROJECT

GENERAL NOTES

- 1. Plan dimensions and details relative to existing structure (including High Water Elevation) 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.
- 2. All information shown in each structure's Waterway Information Table was provided by the Illinois Department of Transportation.
- 3. Commitments are not to be altered without the written approval of all parties to which the commitment was made.
- 4. The Contractor shall be responsible for diverting the water flow from the construction area of each site. The Contractor may use either method of dewatering as described in the Dewatering Special Provision.
- 5. During site preparation, areas below the final grade shall be brought to grade by placing compacted layers of Granular Subbase Material, Type C; areas of soft or otherwise unsuitable subgrade soils shall be excavated and replaced with compacted layers of Granular Subbase Material, Type C. Removal and replacement of unsuitable material shall be as directed by the Engineer and will be paid for in accordance to Article 109.04 (Force Account Basis) of the Standard Specifications. An assumed quantity for Granular Subbase Material, Type C, is included as part of each structure's mitigation details.
- 6. Layout of scour protection systems may be varied in the field to suit ground conditions as directed by the engineer.
- 7. All areas disturbed during construction shall be graded, fertilized, seeded and mulched as directed by the Engineer. Sections 250 and 251 of the Standard Specifications shall govern this work.
- 8. It is anticipated that the majority of the scour work will not require highway traffic lane closures. Work which would require extended lane closures shall be done while Standard 701321 is in use. Otherwise, the Contractor is restricted to one-lane daytime only closures in accordance with IDOT Standards 701201 and 701301.
- 9. GABION ANCHOR STAKE layout shown on plan sheets is for information and estimation purposes only. Actual layout shall be determined in the field by the Contractor and approved by the Engineer and shall comform to the procedures stated in the special provisions.

<u>COMMITMENTS</u>

There are no commitments for this project.

SCOUR CONSTRUCTION SEQUENCE

- 1. Install dewatering system and divert water flow from the construction area.
- 2. Excavate to the lines, grades, contours, and dimensions shown. The prepared area shall be inspected and approved by the Engineer before further work can take place.
- 3. Install filter fabric on the graded surfaces as shown on the drawings.
- 4. Install site specific scour countermeasures. See detail sheets for specific installation procedures.
- 5. Remove dewatering system. Grade and seed ground disturbed during construction.

REVISIONS
NAME
DATE

COMMITMENTS &

GENERAL NOTES

SCALE, VERT.
HORIZ.
DATE
DATE
DATE

DATE

COMMITMENTS &

GENERAL NOTES

PLOT DATE * SDATES FILE NAME * SFILELS PLOT SCALE * SSCALES REFERENCE * SREFS

		CONTRA	CT NO.	68484
F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
701	(128BR)[-1	TAZEWELL	30	4
STA. 7	7+63.98	TO STA.78+46	-02	+
FEO. ROA	O DIST. NO. 4 ILLI	NOIS FED. AID	PROJECT	

			•	FED. ROAD D	IST. NO. 4 ILLINOIS FED. AID
	SUMMARY OF QUANTITIES	CONST	RUCTIO	N TYPE	CODE
		UNIT	T T	SFTY -3N	
CODE NO.	ITEM		100%		
20300100	CHANNEL EXCAVATION	CU. YD.	1090		1.000
20400800	FURNI SHED EXCAVATION	CU. YD.	76		1090
25000300	SEEDING, CLASS 3	ACRE	0.03		76 0.03
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3		······
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3		3
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3		<u>3</u> 3
251 00630	EROSION CONTROL BLANKET	SQ. YD.	152		 152
28000400	PERIMETER EROSION BARRIER	FOOT	92		
281 001 09	STONE RIPRAP, CLASS A5	SQ. YD.	183		92 183
28200200	FILTER FABRIC	SQ. YD.	1067		
28400100	GABIONS	CU. YD.	339		1 067 339
28401000	SLOPE MATTRESS 12"	SQ. YD.	479		479
31102000	SUB-BASE GRANULAR MATERIAL, TYPE C	CU. YD.	608		608
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1 48		1 48
40600300	AGGREGATE (PRIME COAT)	TON	1		1 40
40600980	BITUMINOUS SURFACE REMOVAL-BUTT JOINT	SQ. YD.	160		160
481 01 200	AGGREGATE SHOULDERS, TYPE B	TON	2		2
501 01 500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1		1
50300225	CONCRETE STRUCTURES	CU. YD.	6		6
50300260	BRIDGE DECK GROOVING	SQ. YD.	273		273

DATES	#F1LEL®	SCALES
٠	٠	•
*	Ħ	
DATE	¥	SCALE
7,01	FIE	20

REVISIO	ONS	11 1 14 010 000 000 000 000 000 000 000	
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION	
		SUMMARY OF	
		QUANTITIES	
***************************************		SCALE: VERT. DRAWN BY CEJ	

SCALE: VERT. HORIZ. DATE 03-24-200

DRAWN BY CE CHECKED BY

			CONTRA	CT NO.	68484
F.A.P. RTE.	SECTION	C	OUNTY	TOTAL	SHEET NO.
701	(128BR)I	-1 '	TAZEWELL	30	5
STA.	77+63.98	TO	STA.78+48	3.02	
FED. RO	AD DIST, NO. 4	ILLINOIS	FED. AID	PROJECT	<u> </u>

	SUMMARY OF QUANTITIES	CONST	RUCTIC	N TYPE	CODE
		UNIT	X08 0 -2A	SFTY-3N	TOTAL
CODE NO.	ITEM		100% STATE		
50300300	50300300 PROTECTIVE COAT				294
50400105	PRECAST CONCRETE BRIDGE SLAB	SQ.FT.	299		299
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ.FT.	2646		2646
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4960		4960
50901005	STEEL BRIDGE RAIL, TYPE SM	FOOT	244		244
51 5001 00	63100087 TRAFFIC BARRIER TERMINAL, TYPE 6A		1		1
£ 631 00087			4		4
631 001 67			4		4
63300205	REMOVAL & RE-INSTALLMENT OF EXISTING STEEL PLATE BEAM				
	GUARD RAIL, TYPE A	FOOT	50		50
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL. MO.	4		4
671 001 00	MOBILIZATION	LSUM	1		1
701 00405	TRAFFIC CONTROL AND PROTECTION STANDARD 701321	EACH	1		1
701 06500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
701 06 700	TEMPORARY RUMBLE STRIP	EACH	12		12
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	176		176
70300200	TEMPORARY PAVEMENT MARKING	FOOT	7040		7040
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ.FT.	2405		2405
70400100	TEMPORARY CONCRETE BARRIER	FOOT	500		500

* SPECIALTY ITEM

REVISIONS DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
	SUMMARY OF
	QUANTITIES
	SCALE: VERT, DRAWN BY CEJ DATE 03-24-2006 CHECKED BY



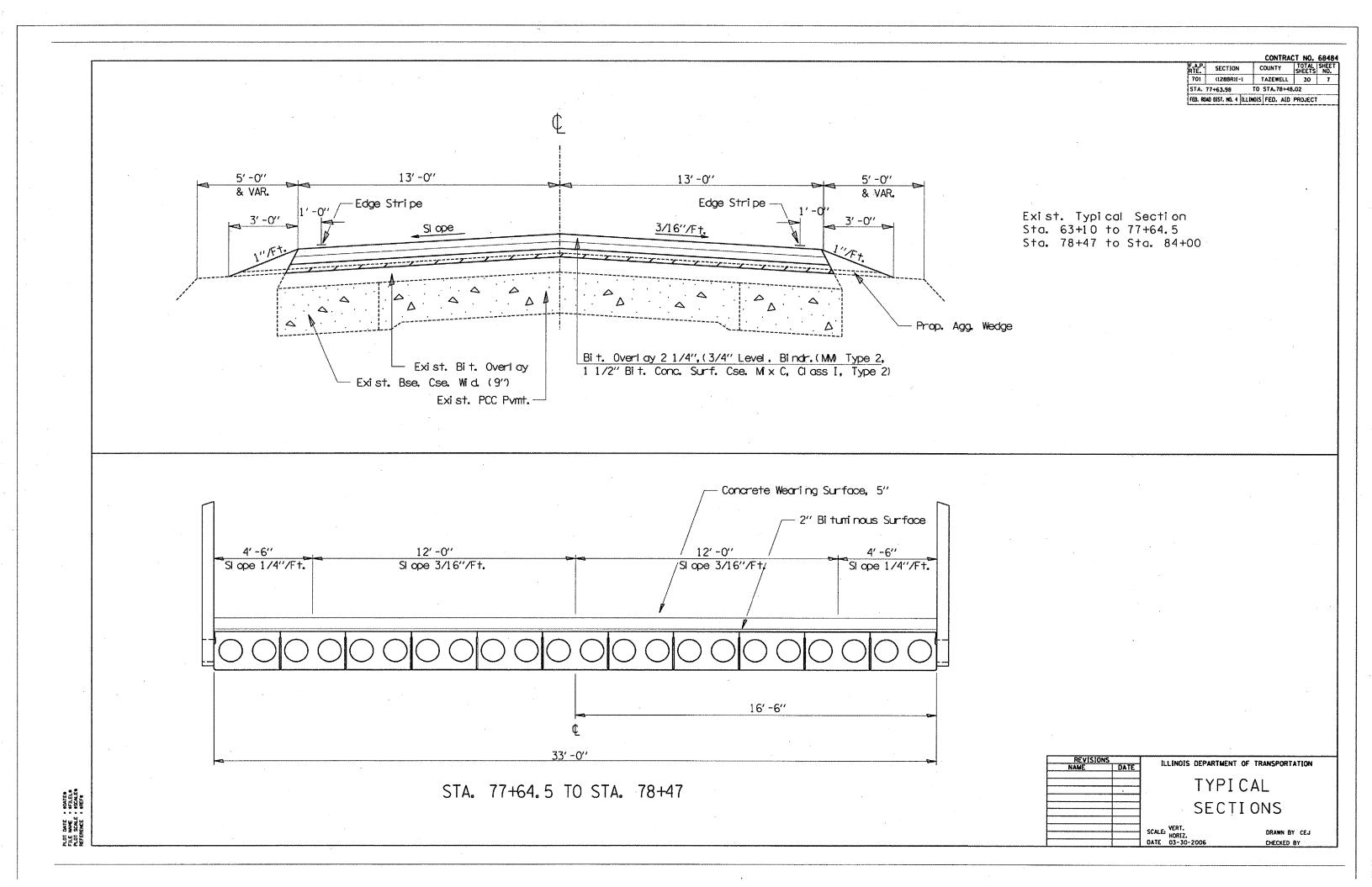
			CON	TRA	CT	NO.	68484
F.A.P.	SECTION	C	OUNT	Y	SH	OTAL EETS	SHEET NO.
701	(128BR)I-	1	FAZEW	ELL,	Π	30	6
STA.	77+63,98	TO	STA.7	8+48	.02	!	
FEO. RO	AO DIST. NO. 4	ILLINGIS	FEO.	AID	PR	OJECT	•

	SUMMARY OF QUANTITIES	CONST	RUCTIO	N TYPE	CODE
		UNIT	X08 0 -2A	SFTY-3N	TOTAL
CODE NO.	ITEM		100% STATE		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	500		500
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	3520		3520
78200410	GUARDRAIL MARKERS, TYPE A	EACH	4 ,		4
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4
78300100	PAVEMENT MARKING REMOVAL	SQ.FT.	1173		1173
X0301852	DEWATERING STRUCTURE NO.1	EACH	1	·	1
X0323655	GABION ANCHOR STAKE	EACH	1 0 3		1 03
X0324744	REMOVAL OF EXISTING PRECAST CONCRETE UNITS	SQ. FT.	299		299
X4066424	BITUMINOUS CONCRETE _SURFACE COURSE, SUPERPAVE MIX "D", N50	TON	37		37
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	8		8
X5030305	CONCRETE WEARING SURFACE, 5"	SQ. YD.	294		294
X0325294	PREFORMED JOINT STRIP SEAL	FOOT	40		40
Z0002600	BAR SPLICERS	EACH	94		94
Z0030255	IMPACT ATTENUATORS, TEMPORARY(FULLY REDIRECTIVE, NARROW),		***************************************	·	
	TEST LEVEL 2	EACH		2 .	2
Z0030320	IMPACT ATTENUATORS, RELOCATE(FULLY REDIRECTIVE), TEST LEVEL 2	EACH		2	2
	70400200 78005110 78200410 78201000 78300100 X0301852 X0323655 X0324744 X4066424 X4066614 X5030305 X0325294 Z0002600 Z0030255	CODE NO. TIEM 70400200 RELOCATE TEMPORARY CONCRETE BARRIER 78005110 EPOXY PAVEMENT MARKING - LINE 4" 78200410 GUARDRAIL MARKERS, TYPE A 78201000 TERMINAL MARKER - DIRECT APPLIED 78300100 PAVEMENT MARKING REMOVAL X0301852 DEWATERING STRUCTURE NO.1 X0323655 GABION ANCHOR STAKE X0324744 REMOVAL OF EXISTING PRECAST CONCRETE UNITS X4066424 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N50 X4066614 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 X5030305 CONCRETE WEARING SURFACE, 5" X0325294 PREFORMED TOINT STRIP SEAL Z0002600 BAR SPLICERS Z0030255 IMPACT ATTENUATORS, TEMPORARY(FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	CODE NO. ITEM 70400200 RELOCATE TEMPORARY CONCRETE BARRIER FOOT 78005110 EPOXY PAVEMENT MARKING - LINE 4" FOOT 78200410 GUARDRAIL MARKERS, TYPE A EACH 78201000 TERMINAL MARKER - DIRECT APPLIED EACH 78300100 PAVEMENT MARKING REMOVAL SQ. FT. X0301852 DEWATERING STRUCTURE NO.1 EACH X0323655 GABION ANCHOR STAKE EACH X0324744 REMOVAL OF EXISTING PRECAST CONCRETE UNITS SO. FT. X4066424 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N50 TON X4066614 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 TON X5030305 CONCRETE WEARING SURFACE, 5" SQ. YD. X0325294 PREFORMED JOINT STRIP SEAL FOOT Z0002600 BAR SPLICERS EACH	CODE NO. ITEM RELOCATE TEMPORARY CONCRETE BARRIER FOOT 500 78005110 EPOXY PAVEMENT MARKING - LINE 4" FOOT 3520 78200410 GUARDRAIL MARKERS, TYPE A REACH 4 78201000 TERMINAL MARKER - DIRECT APPLIED EACH 4 78300100 PAVEMENT MARKING REMOVAL SO. FT 1173 X0301852 DEWATERING STRUCTURE NO.1 EACH 1 X0323655 GABION ANCHOR STAKE X0324744 REMOVAL OF EXISTING PRECAST CONCRETE UNITS X0304744 REMOVAL OF EXISTING PRECAST CONCRETE UNITS X0406614 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N50 X4066614 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50 TON 8 X5030305 CONCRETE WEARING SURFACE, 5" X0325294 PREFORMED TOTNT STRIP SEAL FOOT 40 Z0002600 BAR SPLICERS EACH 94 Z0030255 IMPACT ATTENUATORS, TEMPORARY(FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	UNIT X080-2A SFTY-3N

* SPECIALTY ITEM

REVISIONS		
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
		SUMMARY OF
		QUANTITIES
		SCALE: YERT. ORAWN BY CEJ DATE 03-24-2006 CHECKED BY

PLOT DATE = #DATE# FILE MAME = #FILE# PLOT SCALE = #SCALE# REFERENCE = #REF#



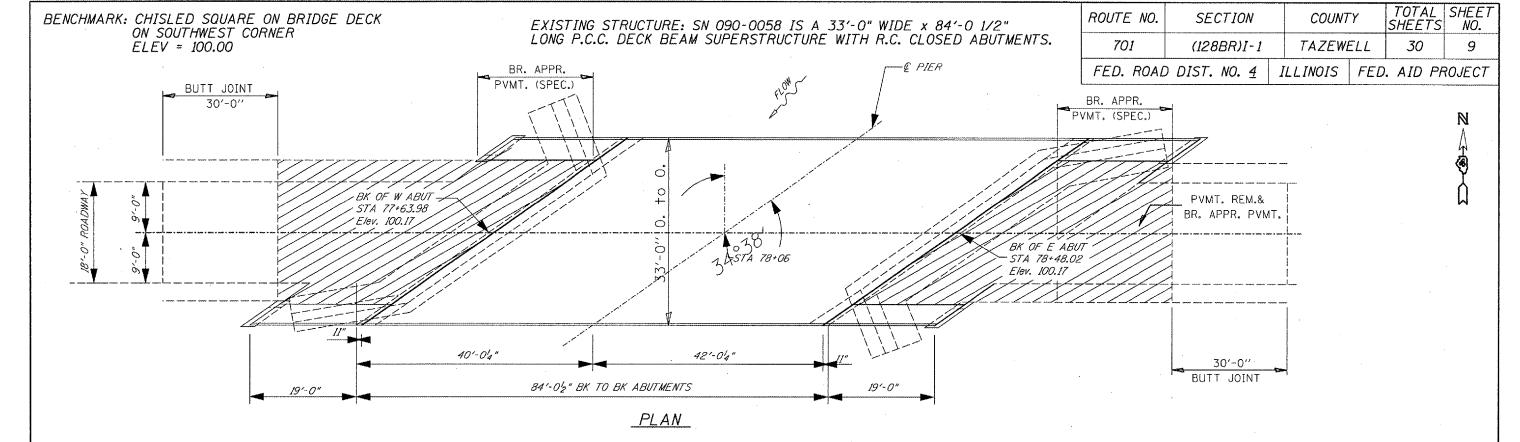
 F.A.P. RTE.	SECTION	C	OUNTY		TOTAL SHEETS	SHEE NO.
701	(128BR)]-	-1	FAZEWELI	L	30	8
STA.	77+63.98	TO	STA.78+	48.	02	
FEO. RC	AD DIST. NO. 4	ILLINOIS	FED. AL	0	ROJECT	

QUANTITIES NOT OTHERWISE SHOWN

ITEM	UNIT	TOTAL	LOCATION
SEEDING, CLASS 3	ACRE	0.03	JOBSITE
NITROGEN FERTILIZER NUTRIENT	POUND	3	JOBSITE
PHOSPHORUS FERTILIZER NUTRIENT	POUND	3	JOBSITE
POTASSIUM FERTILIZER NUTRIENT	POUND	3	JOBSITE
EROSION CONTROL BLANKET	SQ. YD.	152	JOBSITE

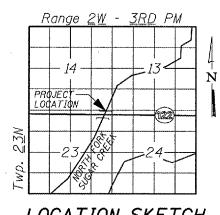
			PAVMEN	NT MARKING SCHE	DULE		
		WORK ZONE	SHORT	TEMPORARY	EPOXY	RAISED	RAISED
		PAVEMENT	TERM	PAV'T	PAVEMENT	REFLECTIVE	REFLECTIVE
STATION TO	STATION	MARKING	PAV'T	MARKING	MARKERS	PAVEMENT	PAVEMENT
		REMOVAL	MARKING		LINE-4"	MARKERS	MKR. REM.
		(SQ.FT.)	(FOOT)	(F00T)	(EACH)	(EACH)	(SQ.YD.)
77+04	79+08	963	153	963			
77+04 RT.	79+08 RT.				209		
77+04 LT.	79+08 LT.				209		
77+04 CL.	79+08 CL.				52	6	6
TOT	ALS	1116	153	963	470	6	- 6

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
		QUANTITIES NOT
		OTHERWISE SHOWN
		SCALE: VERT. DRAWN BY CEJ



				GUARDRAIL SO	CHEDULE	-		
STATION TO) STATION	SPBGR TY. A	SPBGR REMOVAL	TRAF. BARR. TERMINAL TYPE 6A	TRAF. BARR. TERM. TY. 1 (SPECIAL) (TANGENT)	GUARDRAIL MARKERS TYPE A	TERMINAL MARKER, DIRECT APPLIED	FURNISHED EMBANKMENT (SEE STD. 630301)
		(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(CU.YD.)
76+41 RT	77+34 RT	12.5	88	1	1	1	1	25
76+63 LT	77+56 LT	12.5	88	1	1	1	1	25
78+56 RT	79+49 RT	12.5	88	1	1	1	1	25
78+78 LT	79+71 LT	0	38	1	1	1	1	25
.TOT	ALS	37.5	302	4 ·	4	4	4	100

				PAVING SCI	HEDULE			
STATION T	O STATION	BIT. CON. SURFACE REMOVAL BUTT JOINT	BITUM. MAT'LS PRIME COAT	AGG. PRIME COAT	PAVEMENT REMOVAL (SPECIAL)	BRIDGE APPROACH PAVEMENT	BR. APPR. PAVEMENT CONNECTOR (FLEXIBLE)	BIT. CON. SURF. CSE. SUPERPAVE, MIX D, N50
<u> </u>		(SQ.YD.)	(GALLON)	(TON)	(SQ.YD.	(SQ.YD.)	(SQ.YD.)	(TON)
77+04	77+34	87	9	1				7.5
77+34	77+64		11	1	84	84	18	7
78+48	78+78		11	1	84	84	18	7
78+78	79+08	87	9	1				7.5
TO	TALS	174	60	4	168	168	36	29



LOCATION SKETCH

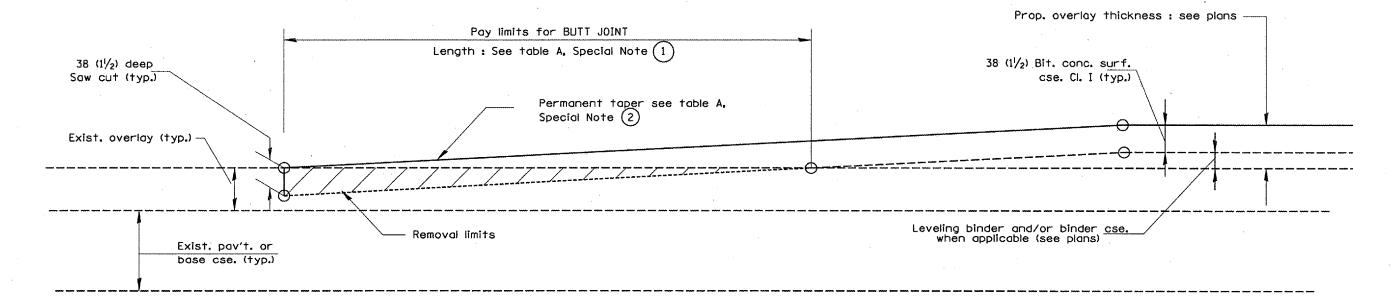
ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL SITE PLAN

SCALE: VERT. HORIZ. DATE 03-29-2006

DRAWN BY CEJ CHECKED BY

COUNTY TOTAL SHEET NO. F.A.P. RTE. 701 SECTION (128BR)I-1 TAZEWELL 30 10 STA. 77+63.98 TO STA.78+48.02 FEO. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT



CASE 2: NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)

TABLE A (LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
1	LENGTH OF BUTT JOINT	18.0 m(60′)	9.0 m(30')
2	PERMANENT TAPER RATE	1:480	1:240
3	TEMPORARY RAMP TAPER RATE	1:80	1:40
(TEMPORARY RAMP LENGTH	3.0 m(10′)	1.5 m(5′)
5	LENGTH OF BUTT JOINT	3.0 m(10')	3.0 m(10°)

GENERAL NOTES

- The work shall be done in accordance with Article 406.18 and the Special Provision for Butt Joints.
- 2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.03 and the Special Provisions for Butt Joints.
- 3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.06.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT CADD STANDARD

BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 1 SCALE: NOT DRAWN TO SCALE DRAWN BY CADO DATE 03-29-2006 CHECKED BY

406101-D4 (1)

-€ PIER Temporary Concrete BK OF E ABUT - STA 78+48,02 Elev. 100.17 BK OF W ABUT - STA 77+63.98 Barrier Elev. 100.17 PLAN STAGE I

Temporary Concrete

PLAN

STAGE II

-€ PIER

BK OF E ABUT STA 78+48.02

Elev. 100.17

F.A.P. RTE. 701 (128BR)I-1 TAZEWELL STA. 77+63.98 TO STA.78+48.02 FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT

Symbols

Work Area

Drum w/Steady-Burn Light

Sign

Type III Barricade

Traffic Signal

Steady Burn Lights and Dbl. Vert. Panels

Type C Bidirectional Reflector

Sand Module Impact Attenuator

Temporary Concrete Barrier

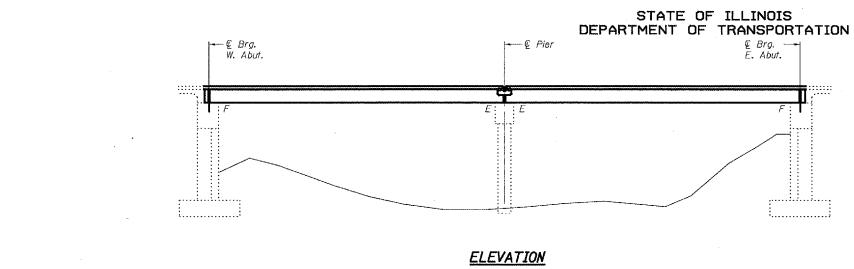
Induction Loop Detector

ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC STAGING AND CONTROL

NOTES:

Refer to Highway Standard 701321 for exact placement of traffic management devices and other clarifications as construction staging symbols and dimensioning were duplicated off of this standard.

BK OF W ABUT STA 77+63.98 -



LOADING HS20-44

No allowance for future wearing surface,

DESIGN SPECIFICATIONS

DESIGN STRESSES

<u>FIELD UNITS</u> f'c = 3,500 psi

f'c = 5,000 psi (Concrete Wearing Surface) fy = 60,000 psi (Reinforcement)

PRECAST PRESTRESSED UNITS

f'c = 5,000 psi f'ci = 4,000 psi

 $f's = 270,000 \text{ psi } (\frac{1}{2}" \phi \text{ low lax strands})$ $f'si = 201,960 \text{ psi } (\frac{1}{2}" \phi \text{ low lax strands})$

PRECAST NON-PRESTRESSED UNITS

f'c = 4,500 psi

FEG. ROOM DIST. MO. 7 IN. INDICE SECTION SHEET NO. 1

Contract Number: 68484

GENERAL NOTES

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.

The minimum thickness of the Concrete overlay shall be 5" and varies as required to adjust for the new profile grade and beam camber.

The cut strands at each beam end shall be given two coats of zinc dust spray or paint meeting the requirements of ASTM A780. The zinc dust spray or paint shall be applied before corrosion appears and allowed to dry according to manufacturer's specifications prior to another coat of zinc. A concrete sealer meeting the requirements of Section 587 of the Standard Specifications shall be applied to the exterior face and 9" in on the underside of each fascia beam. The sealer shall be applied after visible crack growth has subsided. This work shall be performed by the producer and included with the cost of the beam.

All construction joints shall be bonded.

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

Attach new Name plate to the backside of 8" Rail element. Existing name plate is to be removed, cleaned and relocated adjacent to new name plate. Cost included in the cost of Name Plates.

If the contractor's procedure for existing beam removal or placement of new beams Involves placement of cranes or other heavy equipment on new beams, 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 beams. To distribute load to multiple beams and protect the concrete, 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. Prior to placement of the timber mats the following shall be done: placement and tightening of transverse tie assemblies, grouting and curing the dowel rods 24 hours minimum and grouting and curing the shear keys. A temporary means of lateral restraint will be required for fascic beams at expansion ends of beams to prevent movement of the beams.

18'<u>- 10'4"</u> 84'-012" Back to Back of Abutments 39'-578" 39'-57_{8"} 2'-638" $-2'-6^{3}8'$ Bk. of & Brg. Pier & Brg. Bk. of 34°38' W. Abut. E. Abut. E. Abut. W. Abut. - C Roadway Stage Construction— Joint in Overlay For removal and replacement of approach pavement. See sheet 3 of 11 and Roadway Plans. PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Preformed Joint Strip Seal	Foot	40
Protective Coat	Sq. Yd.	294
Removal of Existing Superstructures	Each	1
PPC Deck Beams (21" Depth)	Sq. Ft.	2646
Reinforcement Bars, Epoxy Coated	Pound	4,960
Steel Bridge Rail, Type SM	Foot	244
Concrete Wearing Surface, 5"	Sq. Yd.	294
Bridge Deck Grooving	Sg. Yd.	273
Name Plates	Each	1
Bar Splicers	Each	94
Removal of Existing Precast Unit	Sq. Ft.	299
Concrete Structures	Cu. Yd.	6.0
Precast Concrete Bridge Slab	Sq. Ft.	299

STATION 78+06 REBUILT 20 BY STATE OF ILLINOIS F.A.P. RT. 701 SEC. (128BR)I LOADING HS20 STR. NO. 090-0058

NAME PLATE
(See Std. 515001)

PLAN AND ELEVATION
IL 122 / SUGAR CREEK
TAZEWELL COUNTY
SN 090-0058

Expires: November 30, 2006

© Span — © Brg. — & Brg. — 38'-8"

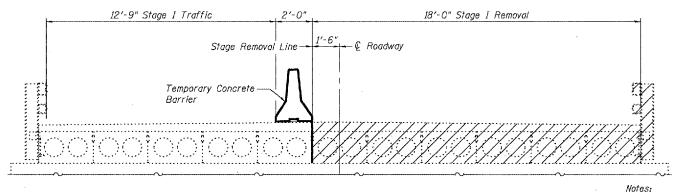
CONCRETE WEARING SURFACE PROFILE

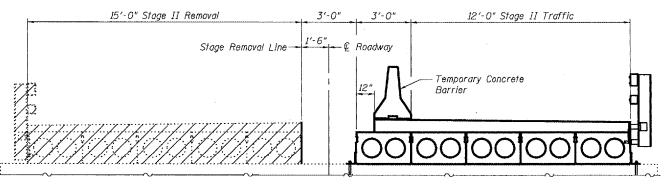
(Additional 4" thickness at € Roadway to account for crown of Roadway.)

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET NO. 2 TOTAL SHEETS 3 11 SHEETS Tazewell ILLINOIS FED. AID PR FEO. ROAD DIST. NO. 7

Contract Number: 68484

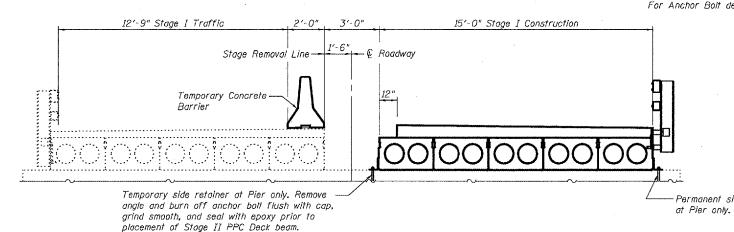


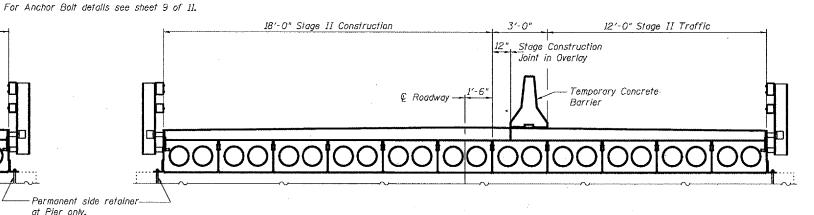


STAGE I REMOVAL

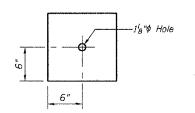
All cross-sections are looking East. Cross Hatched area indicates Removal. of Existing Superstructure. For Temporary Concrete Barrier Details see sheet 10 of 11.

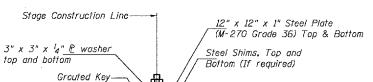
STAGE II REMOVAL





STAGE I CONSTRUCTION

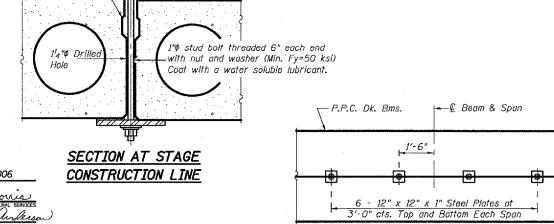




CLAMPING PLATE

Notes:

See Special Provisions for Stage Construction Precast Prestressed Concrete Deck Beams. See Stage Construction Detail for traffic lane. Cost is included with Precast Prestressed Concrete Deck Beams.

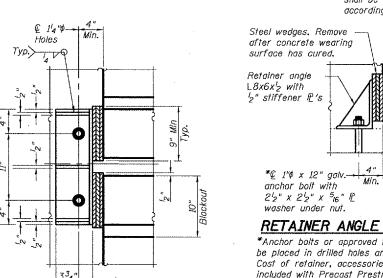


RETAINER ANGLE PLAN

6"

STAGE II CONSTRUCTION

The permanent retainers and hardware shall be galvanized after shop fabricalton according to AASHTO M 111 and ASTM 385.



RETAINER ANGLE ELEVATION

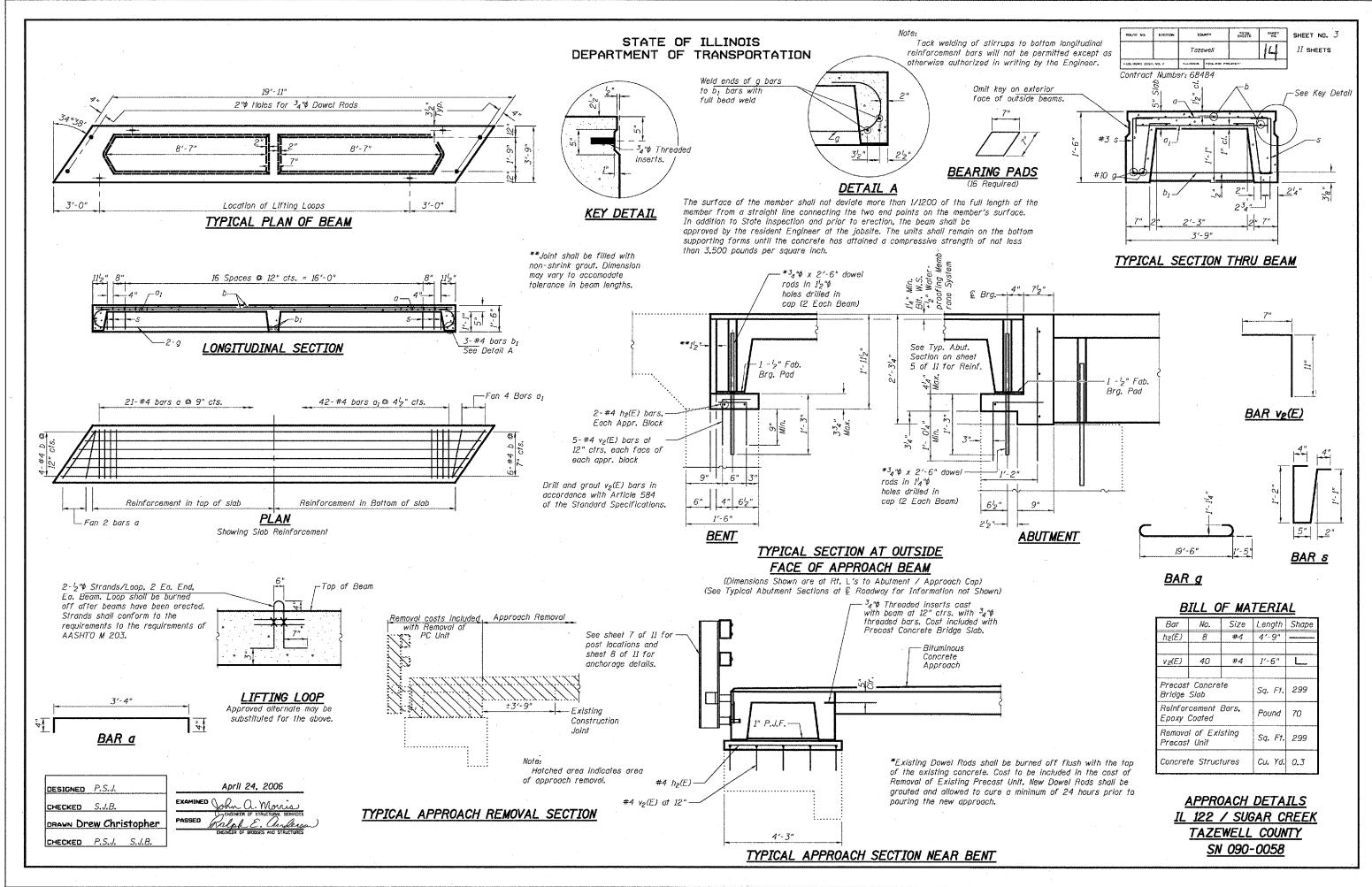
*Anchor bolts or approved threaded rod may be placed in drilled holes and grouted in place. Cost of retainer, accessories, and galvanizing are included with Precast Prestressed Concrete Deck Beams.

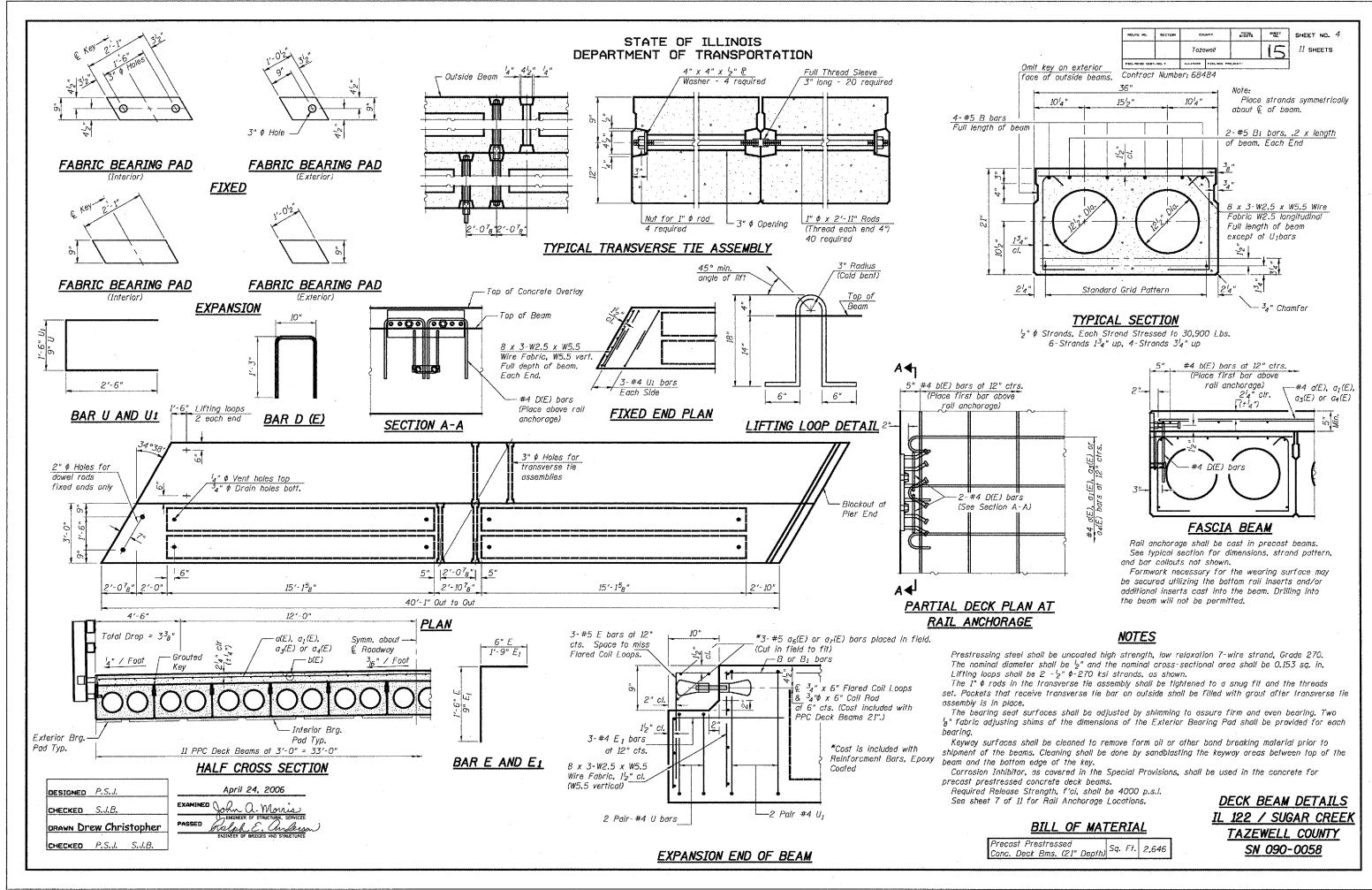
> STAGE CONSTRUCTION DETAILS IL 122 / SUGAR CREEK TAZEWELL COUNTY SN 090-0058

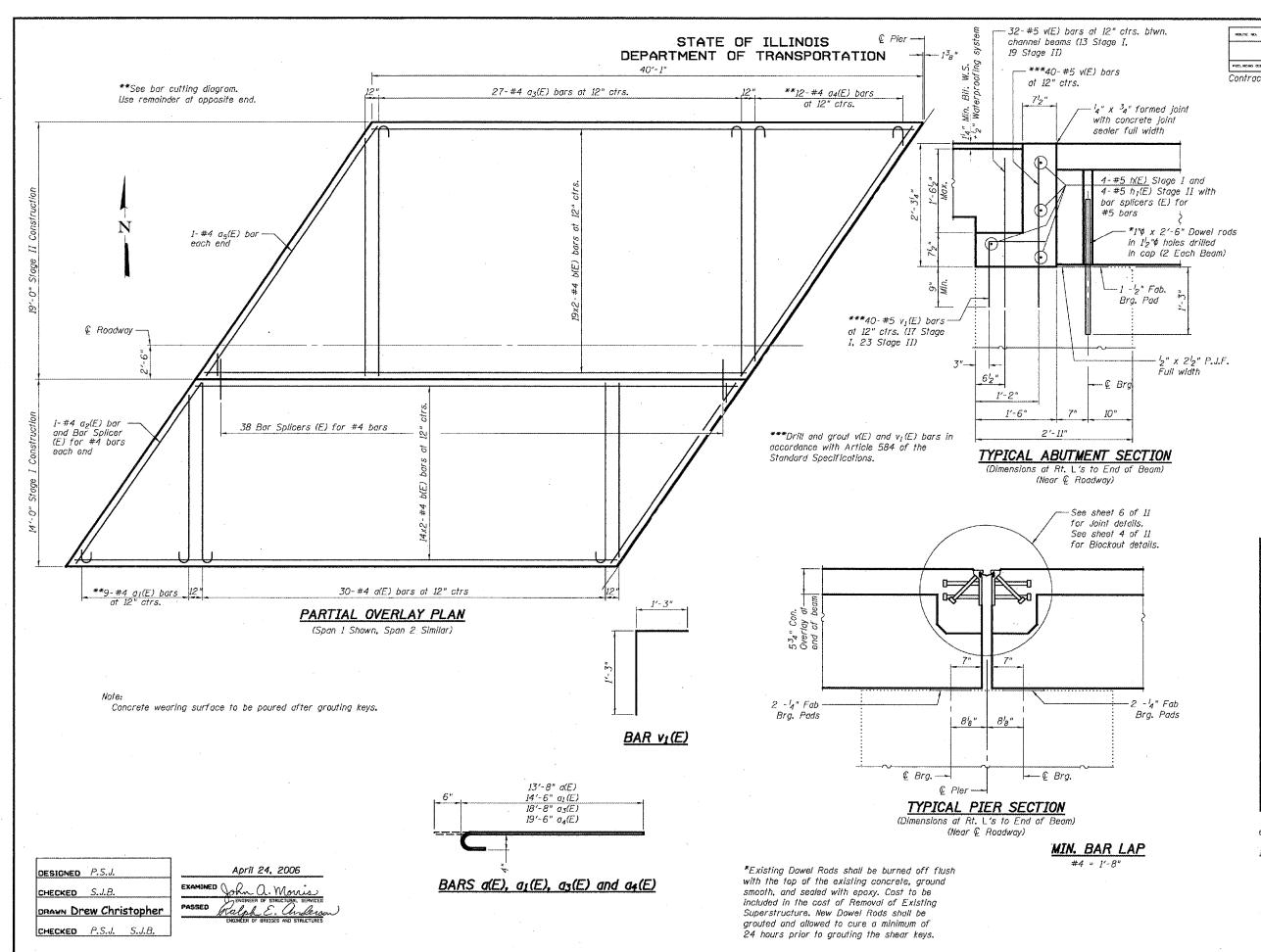
DESIGNED P.S.J. CHECKED S.J.B. DRAWN Drew Christopher CHECKED P.S.J. S.J.B.

April 24, 2006 a. Morris

PLAN AT STAGE CONSTRUCTION LINE





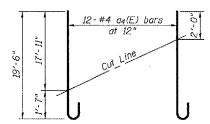


MOUTE NO. SECTION COUNTY STORES POET NO. 5

TOZOWO!! SHEETS

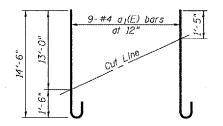
FIG. HOM DIST, NO. 7 ILLINOIS FED. ATO PROJECT.

Contract Number: 68484



a4(E) FIELD CUTTING DIAGRAM

Order a4(E) full length. Cut as shown and use remainder of bars in opposite end.



a₁(E) FIELD CUTTING DIAGRAM

Order $a_1(E)$ full length. Cut as shown and use remainder of bars in opposite end.

<u>BILL OF MATERIAL</u>

	===		1-11-1-1		
Bar		No.	Size	Length	Shape
a(E)		60	#4	14'-2"	C
a ₁ (E)	18	#4	<i>15'-0"</i>	
a2(E)	4	#4	16'-6"	
03(E		54	#4	19'-2"	C
04(E)	24	#4	20'-0"	
05(E		4	#4	22'-9"	
06(E		6	#5	<i>16'-6</i> "	
ar(E)	6	#5	22'-9"	
b(E)		132	#4	20'-9"	
h(E)		8	#5	16'-6"	
h ₁ (E)	8	#5	22'-9"	
v(E)		144	#5	2'-9"	
V1(E)	80	#5	2'-6"	L

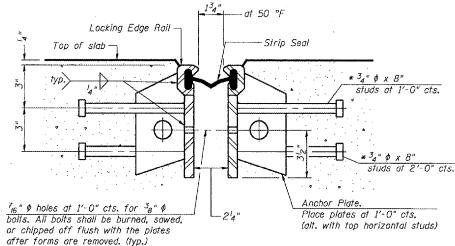
Reinfo Epoxy		nent Ba ted	Pound	4.890	
Bar S,	plice	rs	Each	94	
	ete V	Vearing	Sq. Yd.	294	
Cocor	ato.	Structui	Cu. Yd.	5.7	

Reinforcement bars designated (E) shall be epoxy coated.

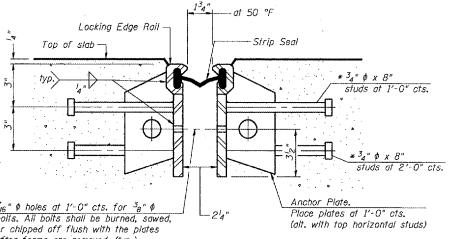
Bars indicated thus 1 x 2-#5 etc. indicates 1 line of bars with 2 lengths per line.

OVERLAY DETAILS AND
TYPICAL SECTIONS
IL 122 / SUGAR CREEK
TAZEWELL COUNTY
SN 090-0058

DEPARTMENT OF TRANSPORTATION



STATE OF ILLINOIS



SECTION THRU ROLLED RAIL EXP. JOINT

 $\frac{1^{3}4"}{}$ at 50 °F

Strip Seal

* 3," \$ x 8"

* 3₄" \$ x 8" studs at 1'-0" cts. (alt. with top

horizontal studs.)

studs at 1'-0" cts.

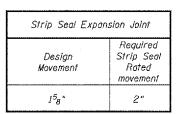
studs at 2'-0" cts.

(198 Studs Required)

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

SECTION THRU WELDED RAIL EXP. JOINT

(118 Studs Required) (80 Anchor Plates Required)



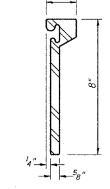
Locking Edge Rail

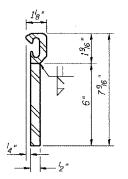
Top of slab

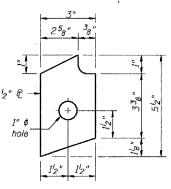
⁷₁₆" φ holes at 1'-0" cts. for ³₈" φ bolts. All bolts shall be burned, sawed,

or chipped off flush with the plates

after forms are removed, (tvp.)





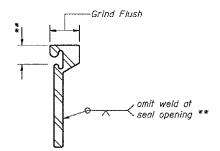


ROLLED (EXTRUDED) RAIL

WELDED RAIL

ANCHOR P (for welded rail)

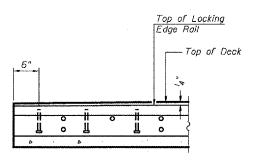
LOCKING EDGE RAILS



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue.

DESIGNED P.S.J.	April 24, 2006
CHECKED S.J.B. DRAWN Drew Christopher	EXAMINED John Q. Morris JENGINEER OF STRUCTURAL SERVICES PASSED Stalph E. Anderson
DRAWN Drew Christopher	ENGINEER OF BRIDGES AND STRUCTURES
CHECKED P.S.J. S.J.B.	*



TYPICAL END TREATMENT

BILL OF MATERIAL

Unit	Total
Foot	40
	0,,,,

STRIP SEAL JOINT DETAILS IL 122 / SUGAR CREEK TAZEWELL COUNTY SN 090-0058

SHEET NO.

Tazewell

GENERAL NOTES

a minimum thickness of 4". The configuration of the strip seal shall match the configuration of the Locking

The strip seal shall be made continuous and shall have

are minimum dimensions. The actual configuration of the Locking Edge Rails and matching strip seal may vary from manufacturer to manufacturer. Flanged edge rails will not

The height and thickness of the Locking Edge Rails shown

Locking Edge Rails may be spliced at slope discontinuities

The manufacturer's recommended installation methods

Contract Number: 68484

Edge Rails.

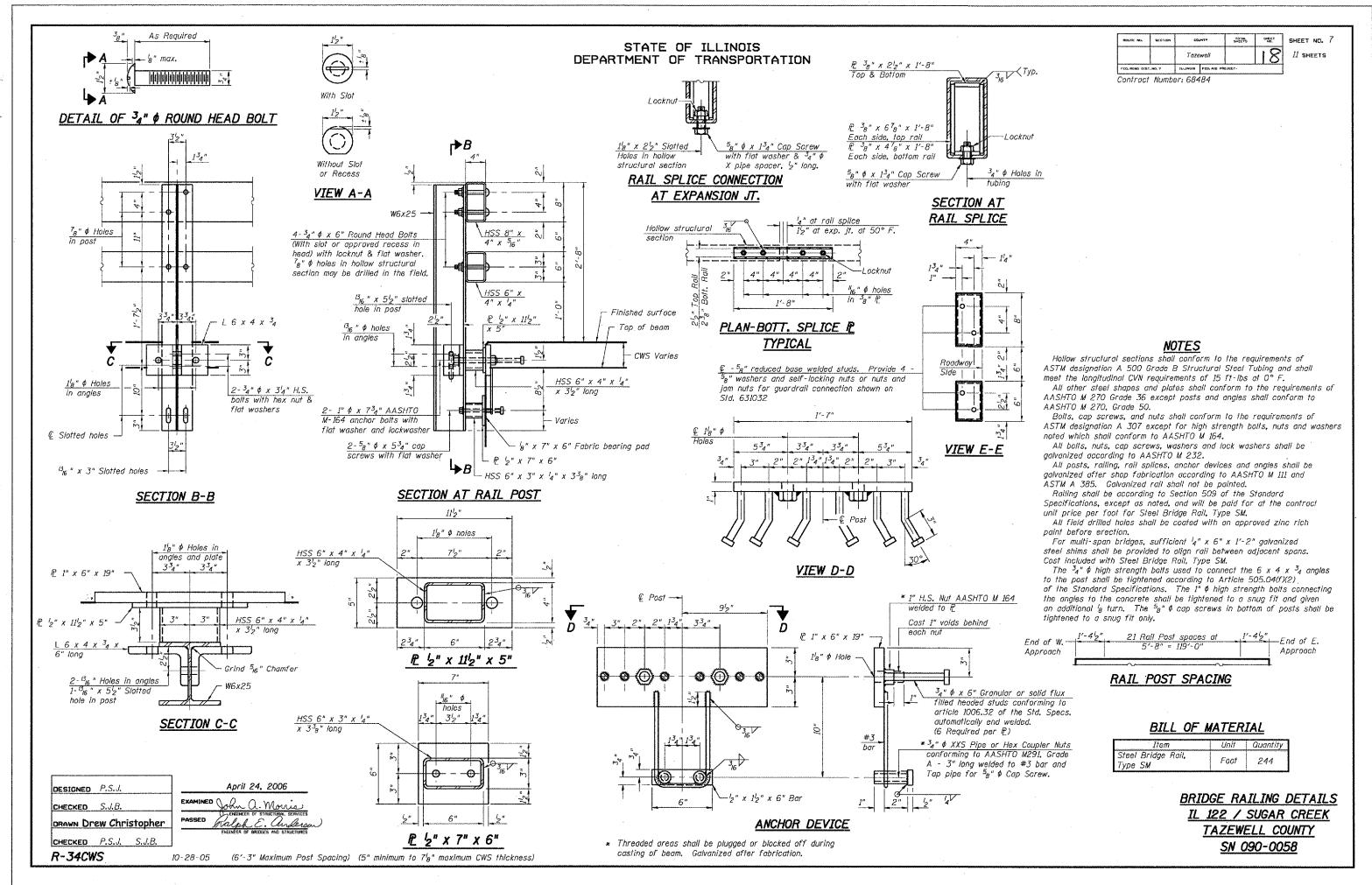
be allowed.

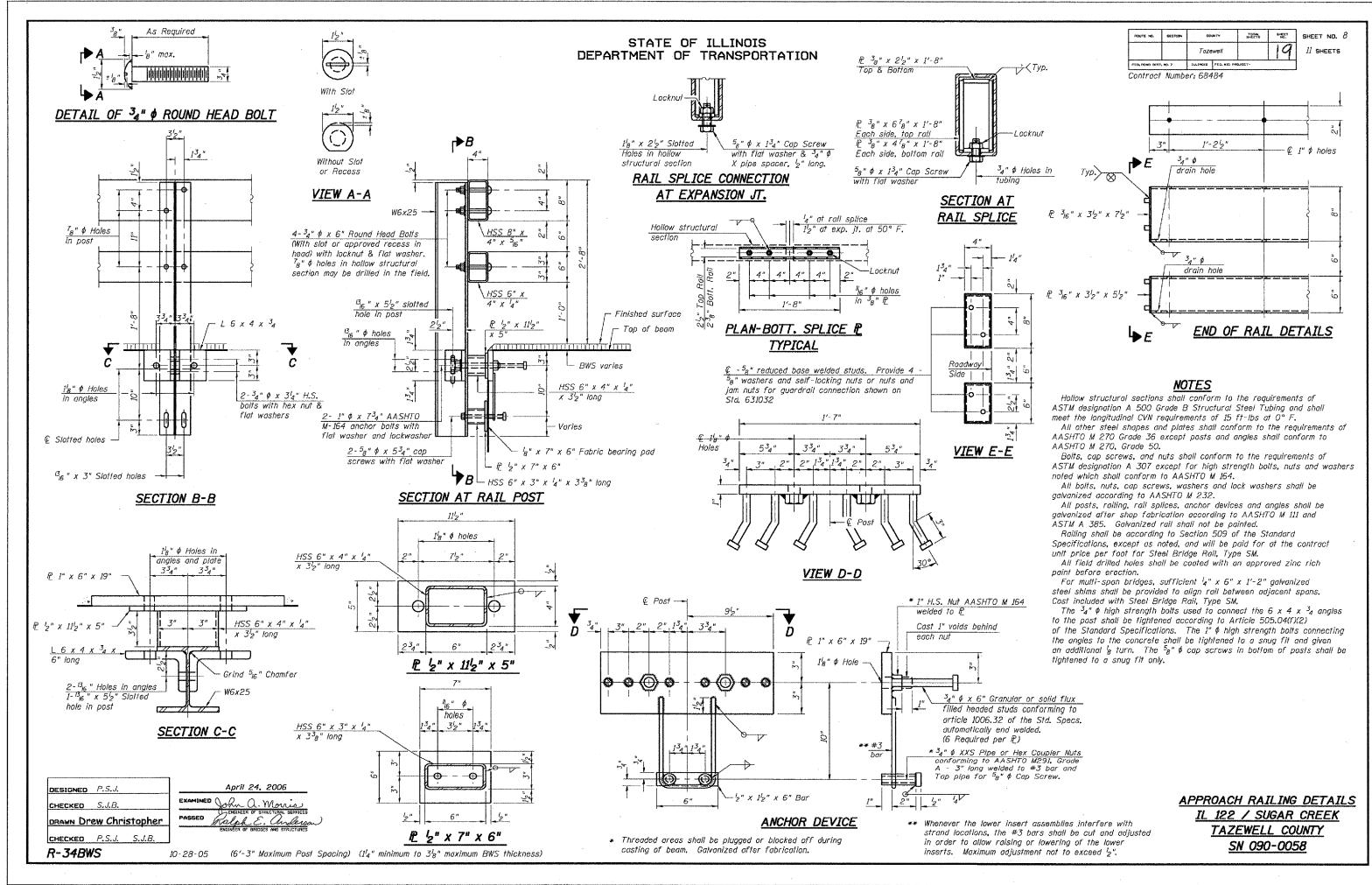
shall be followed.

and stage construction joints.

SHEET NO. 6

11 SHEETS





The Illinois Coil-Lock Anchor Bolt is a proprietary item which is the property of the Illinois Department of Transportation. Use, reproduction or disclosure without express written permission is prohibited and protected under Federal copyright laws. The production and "d" Ø Holes with zerk the fabrication of this bolt for use on highway projects for epoxy grout in the State of Illinois shall be permitted and there shall be no incurred charges or fees to the manufacturer or the fabricator for producing or fabricating this bolt. "D" ø $l_{\mathcal{B}}''$ 1316 " 134" 138" 1/6" Anchor Bolt (See Bearing Details 12" 15/6" 158" 28" for number, size and length.) 2" 28" 11316 " 278" 25₈" 25/6" 338' Top of base plate coil lock 532 " wide x 332 " deep groove in anchor bolt with 'a" \$ l₁₆" at Bottom of coil PLAN-COIL WIRE "Ε" φ

ILLINOIS COIL-LOCK ANCHOR BOLT

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PED. NORD CHIT. NO. 2 HALPHON FED. AND PROJECT-

Contract Number: 68484

MATERIALS FOR ILLINOIS COIL-LOCK ANCHOR BOLT

The anchor bolt shall be fabricated from cold drawn or hot finished seamless carbon steel mechanical tubing conforming to ASTM A 519, Grade 1026, CW and supplied with hexagonal nuts and cut washers.

The coil wire shall be made of any suitable soft steel wire.

The finished anchor bolt shall be cleaned of rust and other foreign materials and wrapped or packaged to prevent contamination until they are installed. The epoxy grout shall be a two-component, epoxy resin bonding system conforming to ASTM C 881, Type I, Grade 1 and of a Class suitable for the temperature at installation.

INSTALLATION PROCEDURE for the ILLINOIS COIL-LOCK ANCHOR BOLT

1. With the coil wire in place, the bolt shall be inserted into the hole and turned clockwise to a snug fit in the hole. Nut and washer shall be placed on the bolt. The nut shall be tensioned until the steel base plates are held securely to the concrete bearing seat.

2. Epoxy grout shall be pumped through the zerk fitting with a pressure gun, Pumping shall continue until the epoxy overflows the hole around the bolt shank. After pumping is discontinued, excess epoxy shall be immediately wiped off.

ALTERNATE ANCHOR BOLTS

The Contractor may use, at his option, the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures.

The capsule or the adhesive cartridge type anchor rods shall be a two part system composed of:

- 1. A threaded rod stud with nut and washer of the type specified.
- A sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amounts of the adhesive chemical.

Location :	Туре
Pier	A307

ASTM F 1554 Grade 105, ASTM A 449 and AASHTO M 314 Grade 105 anchor bolts may be substituted for the anchor bolts shown above.

GENERAL NOTES

Holes in the masonry for anchor bolts shall be drilled through the base plates to the diameter and depth shown or according to the manufacturer's recommendation after beams or girders have been erected and adjusted.

Prior to setting the bolts, the holes shall be dry and all dust and loose particles shall be removed by the use of compressed air or vacuuming.

The anchor bolts, furnished and installed and including the epoxy grout or capsules shall not be paid for separately but shall be included in the unit bid price for Prestressed Precast Concrete Deck Beams (21" Depth)

ANCHOR BOLT DETAILS
IL 122 / SUGAR CREEK
TAZEWELL COUNTY
SN 090-0058

10-22-04

DESIGNED P.S.J.

CHECKED S.J.B.

ABB-1

DRAWN Drew Christopher

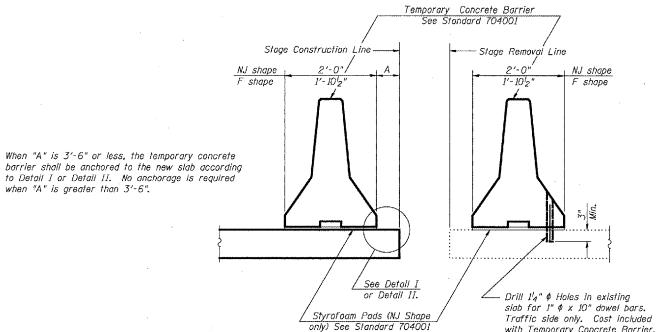
CHECKED P.S.J. S.J.B.

April 24, 2006

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Contract Number: 68484



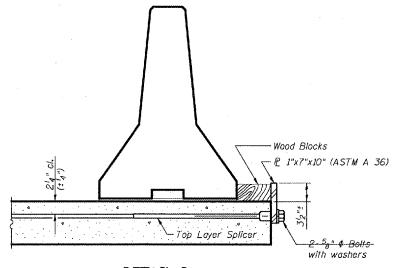
NEW SLAB

EXISTING SLAB

bars are in place and the concrete is ready to be

with Temporary Concrete Barrier.

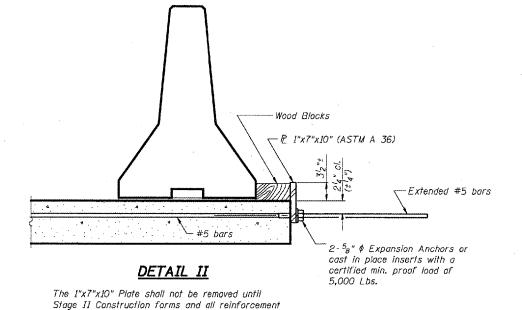
SECTIONS THRU SLAB

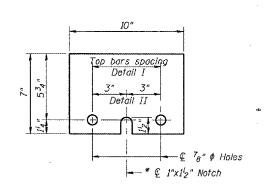


DETAIL I

when "A" is greater than 3'-6".

The 1"x7"x10" Plate shall not be removed until Stage II Construction forms and reinforcement bars are in place.





NOTES

Cost of anchorage is included with Temporary Concrete Barrier.

top layer of couplers with 2-58" \$\phi\$ bolts screwed to coupler at approximate & of

Connect one (1) 1"x7"x10" steel £ to the concrete slab with $2^{-5}{}_8$ " ϕ Expansion Anchors or cast in place inserts spaced between the

top layer of reinforcement at approximate @ of

Detail I - With Bar Splicer or Couplers: Connect one (1) 1"x7"x10" steel ft to the

each barrier panel. Detail II - With Extended Reinforcement Bars:

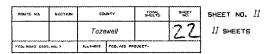
each barrier panel.

P 1"x7"x10" * Required only with Detail II

April 24, 2006 DESIGNED P.S.J. EXAMINED John a. Morris CHECKED S.J.B. Ralph E. anles DRAWN Drew Christopher CHECKED P.S.J. S.J.B. R-27 10-22-04

TEMPORARY CONCRETE BARRIER IL 122 / SUGAR CREEK TAZEWELL COUNTY SN 090-0058

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Contract Number: 68484

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.

Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.

Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

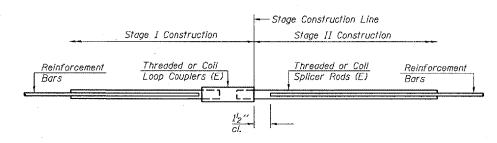
- Minimum Capacity (Tension in kips) = $1.25 \times fy \times A_t$
- Minimum *Pull-out Strength = 1.25 x fs_{allow} x A_f

Where fy = Yield strength of lapped reinforcement bars in ksi. fs_{allow}= Allowable tensile stress in lapped reinforcement bars in ksi (Service Load)

 A_1 = Tensile stress area of lapped reinforcement bars. * = 28 day concrete

Y	·····		
	BAR SPLIC	ER ASSEMBLI	ES
		Strengt	h Requirements
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length		Min. Pull-Out Strength kips - tension
#4	1'-8''	14.7	5.9
#5	2′-0′′	23.0	9.2
#6	2'-7"	33.1	13.3
#7	3′-5″	45.1	<i>18.0</i>
#8	4′-6′′	58.9	23.6
#9	5′-9″	75,0	30.0
#10	7′-3′′	95.0	38.0
#11	9′-0′′	117.4	46.8

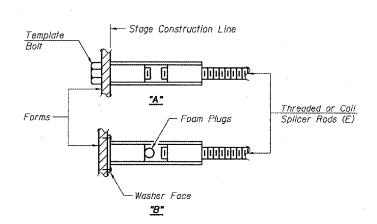
Bar splicer assemblies shall be according to Section 508 of the Standard Specifications, except as noted. The furnishing and installation of bar splicer assemblies will be measured and paid for at the contract unit price each for "BAR SPLICERS."



STANDARD

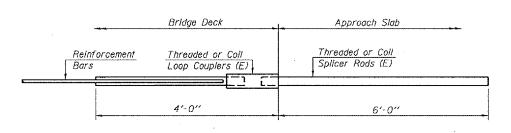
Bar Size	No. Assemblies Required	Location
#4	80	Overlay
#5	6	Exp. Blockout
#5	8	Hatch Block

BAR SPLICER DETAILS IL 122 / SUGAR CREEK TAZEWELL COUNTY SN 090-0058



INSTALLATION AND SETTING METHODS

"A": Set bar splicer assembly by means of a template bolt. "B": Set bar splicer assembly by nailing to wood forms or cementing to steel forms. (E): Indicates epoxy coating.



ROLLED THREAD DOWEL BAR

Minimini

** ONE PIECE

WELDED SECTIONS

BAR SPLICER ASSEMBLY ALTERNATIVES

** Heavy Hex Nuts conforming to ASTM

A 563, Grade C, D or DH may be used.

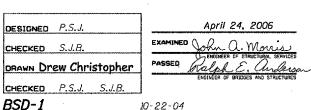
– Wire Connector

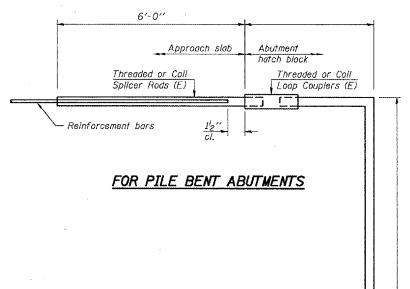
-The diameter of this part is equal or larger than the

diameter of bar spliced.

FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

	Bar	Splic	er fo	r #5	5 bar		
Min.	Capacity	= 23.	O kij	.s -	tensi	on	
Min.	Pull-out	Streng	gth =	9.2	kips	٥,	tension
No.	Required	=					





	Bat	Splic	er fo	r #5	5 bar		
Min.	Capacity	= 23	O kip	s -	tensi	on	
Min.	Pull-out	Streng	gth =	9.2	kips	-	tension
No.	Required	2					

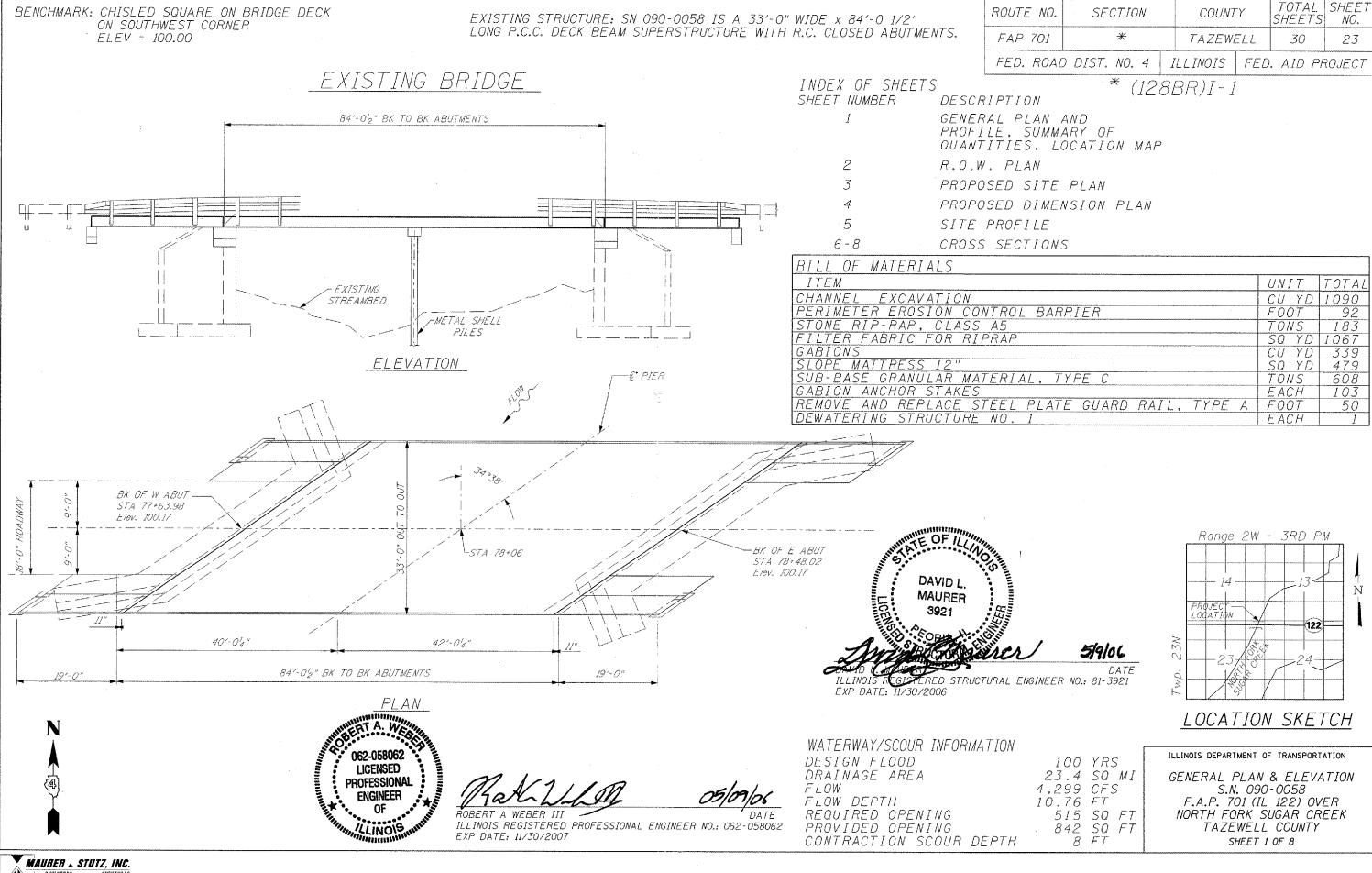
...\version 8 archive\0900058.dgn 5/9/2006 1:41:16 PM

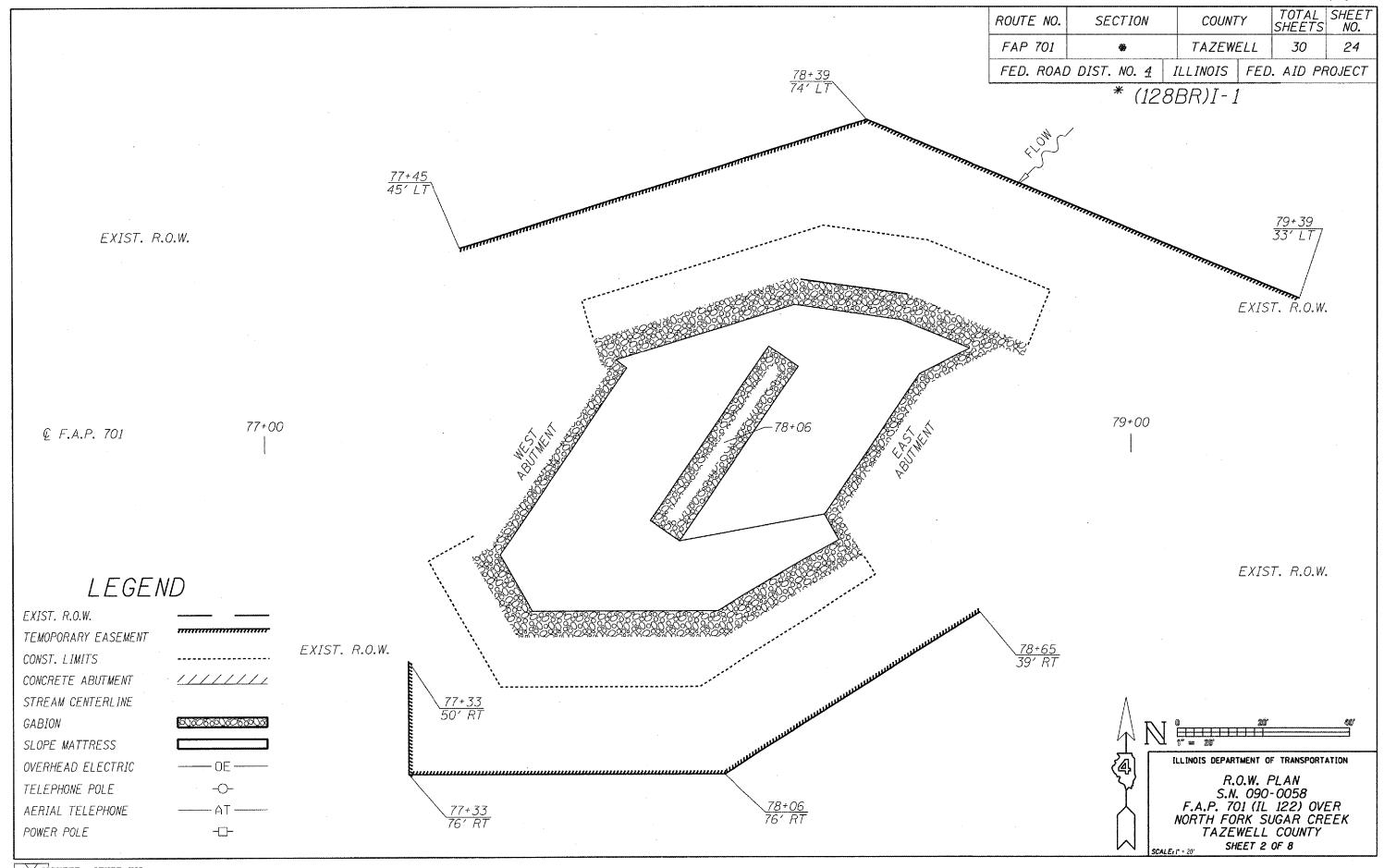
The diameter of this part

of the bar spliced.

is the same as the diameter

CHECKED S.J.B. DRAWN Drew Christopher CHECKED P.S.J. S.J.B.

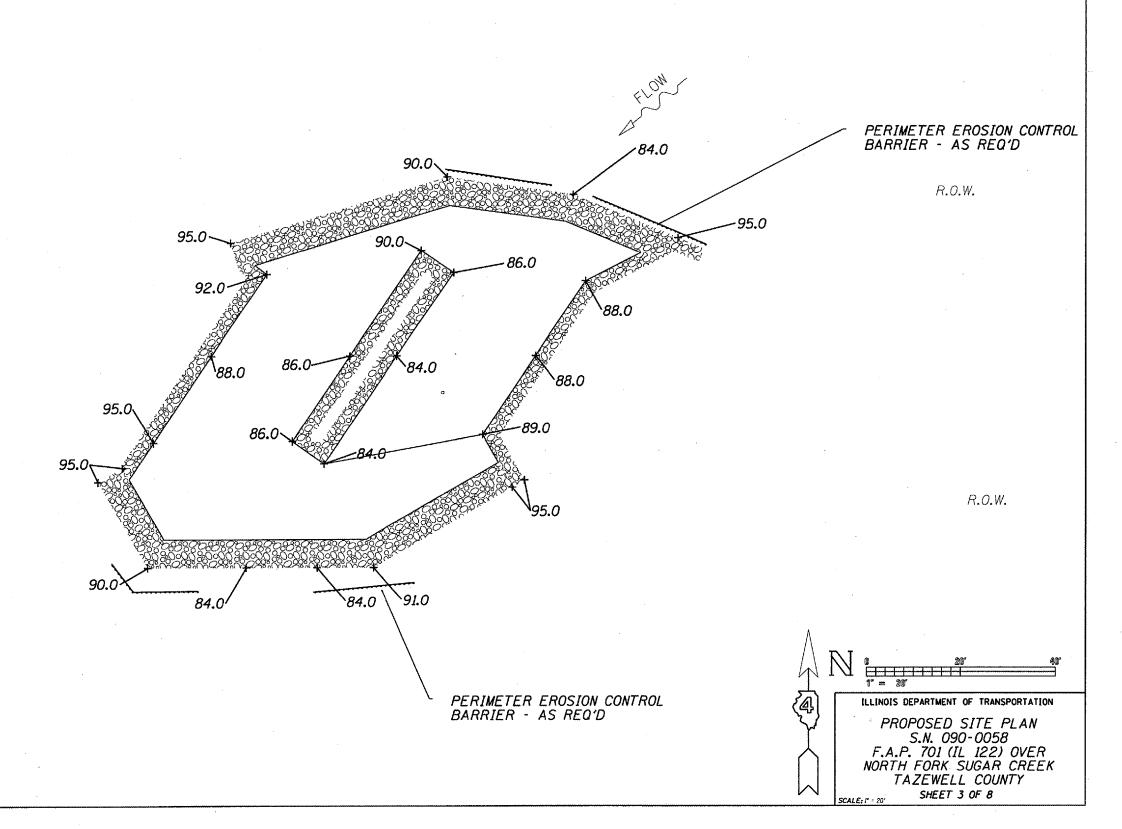




68484

ROUTE NO	SECTION		COUNT	Y	TOTAL SHEETS	SHEET NO.
FAP 701	**		TAZEW	ELL	30	25
FED. ROA	AD DIST. NO. 4	1	ILLINOIS	FED	. AID PF	ROJECT

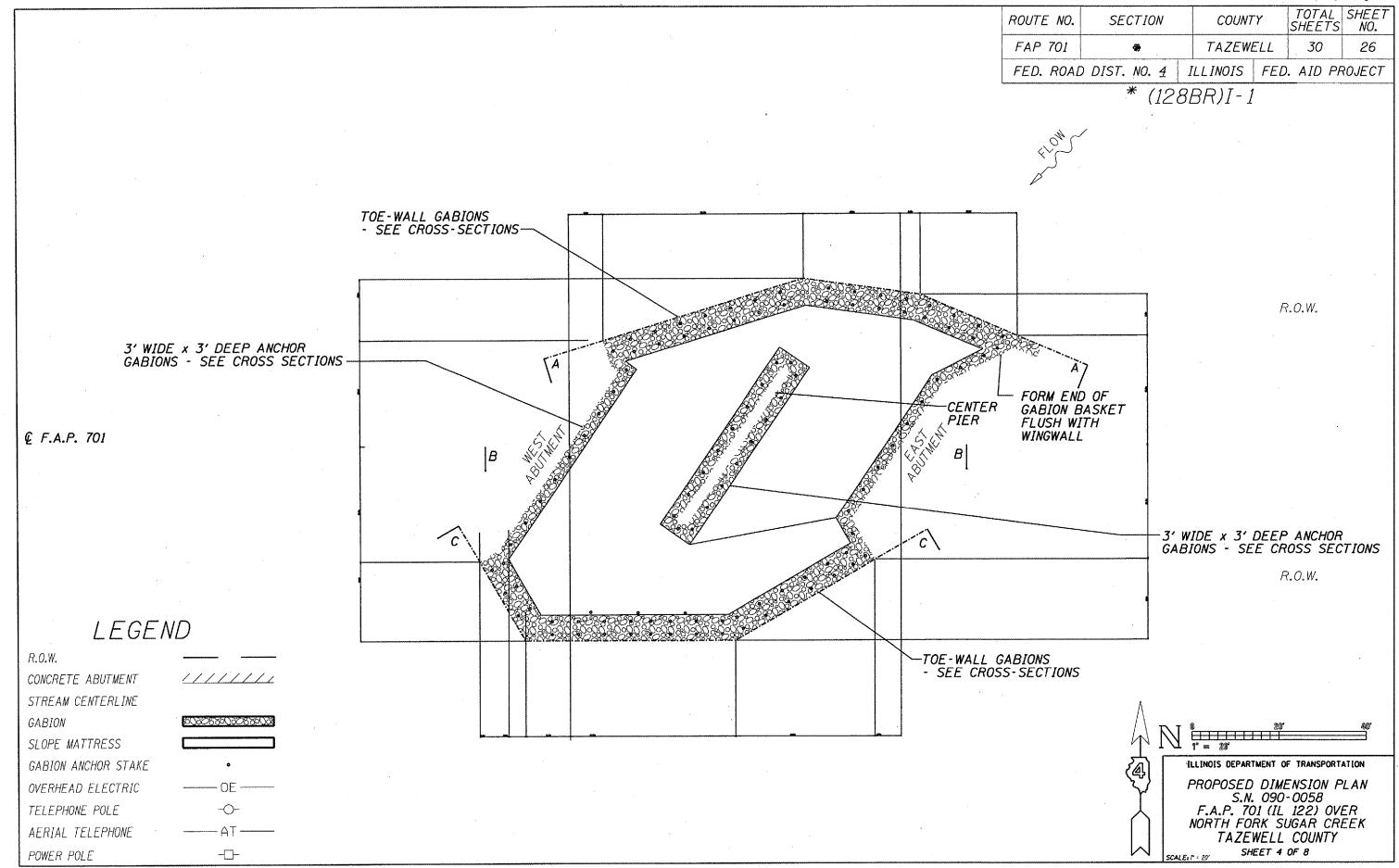
* (128BR)I-1

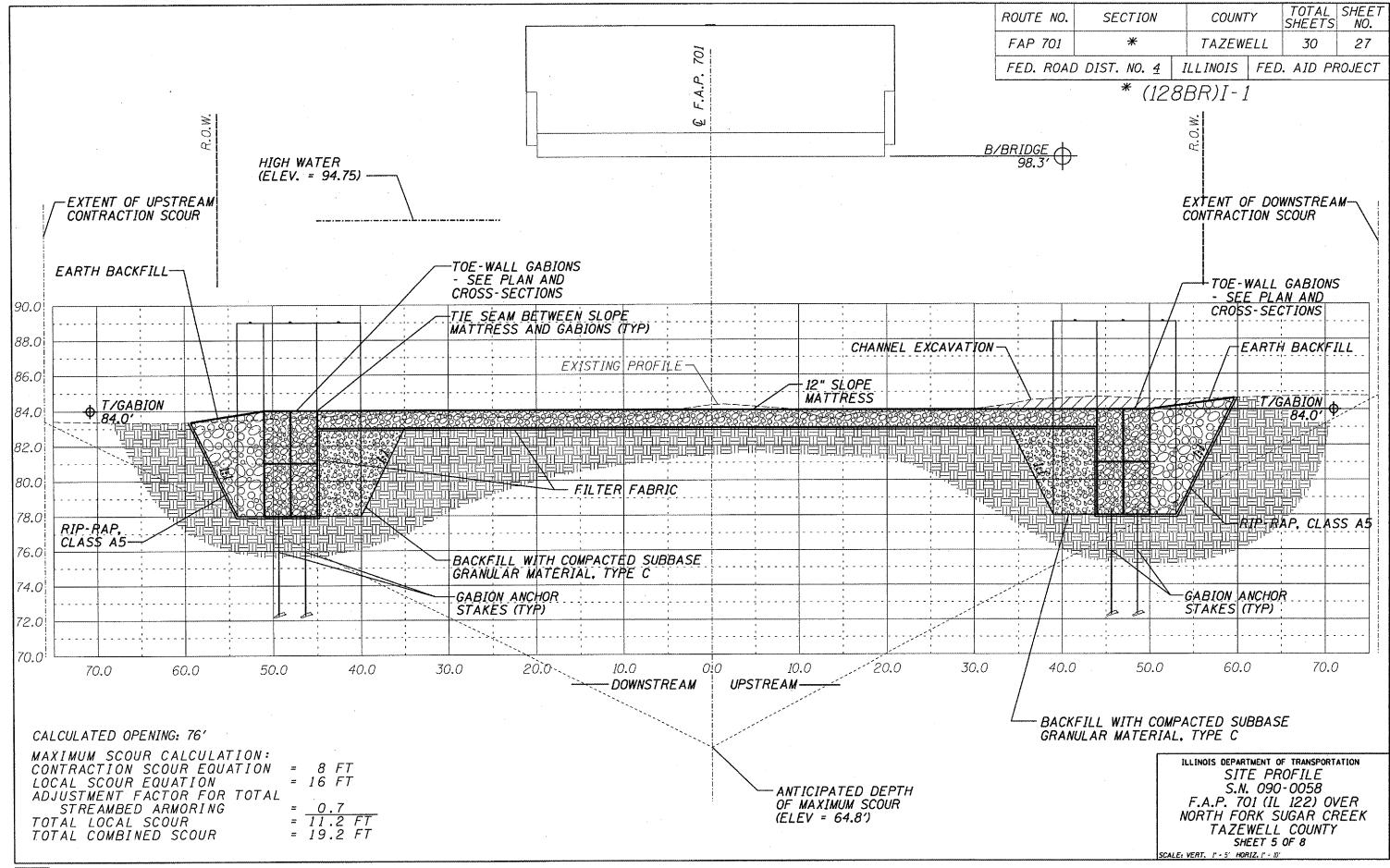


LEGEND

R.O.W. EXISTING CONTOUR PROPOSED CONTOUR 95.0 PROPOSED SPOT ELEVATION CONCRETE ABUTMENT /////// STREAM CENTERLINE GABION SLOPE MATTRESS PERIMETER EROSION CONTROL BARRIER OVERHEAD ELECTRIC TELEPHONE POLE AERIAL TELEPHONE --POWER POLE

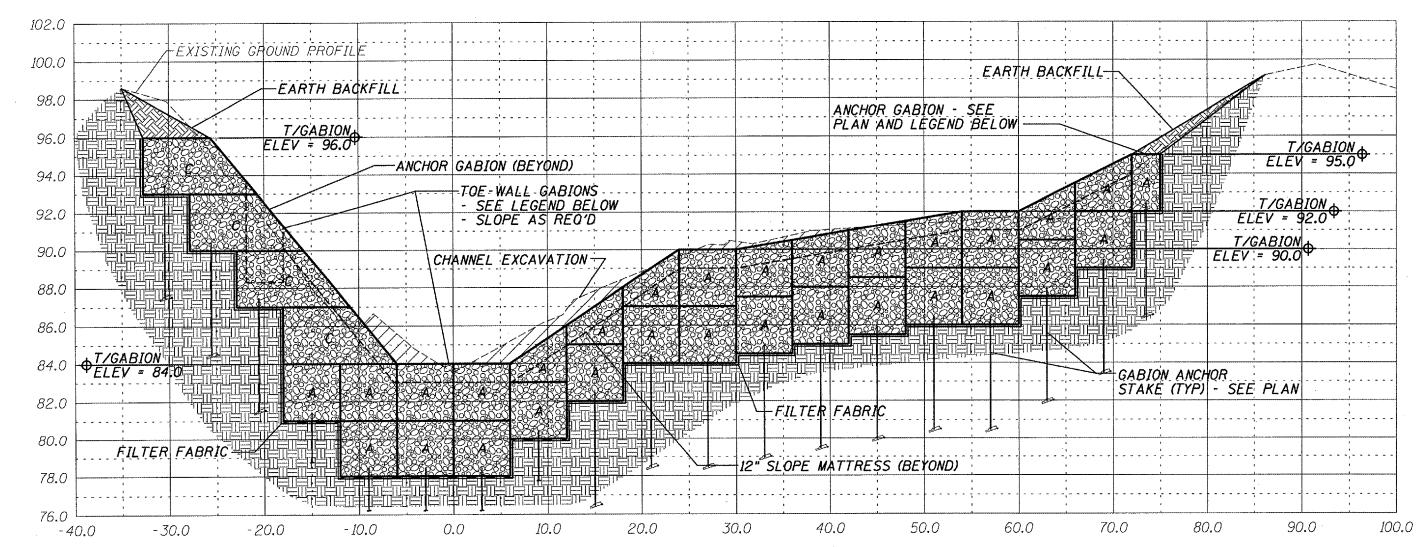






ROUTE NO.	SECTION		COUNT	<u>'</u> Y	TOTAL SHEETS	SHEET NO.
FAP 701	*		TAZEW	ELL	30	28
FED. ROAL	DIST. NO. 4	1	ILLINOIS	FED	. AID PF	ROJECT

* (128BR)I-1



SECTION A-A THROUGH NORTH GABION TOE-WALL

GABI(GABION LEGEND					
MARK	LENGTH WIDTH HEIGHT					
Α	6′	3′	3′	П		
С	12'	3'	3'	۱,		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SITE CROSS SECTION

S.N. 090-0058

F.A.P. 701 (IL 122) OVER

NORTH FORK SUGAR CREEK

TAZEWELL COUNTY

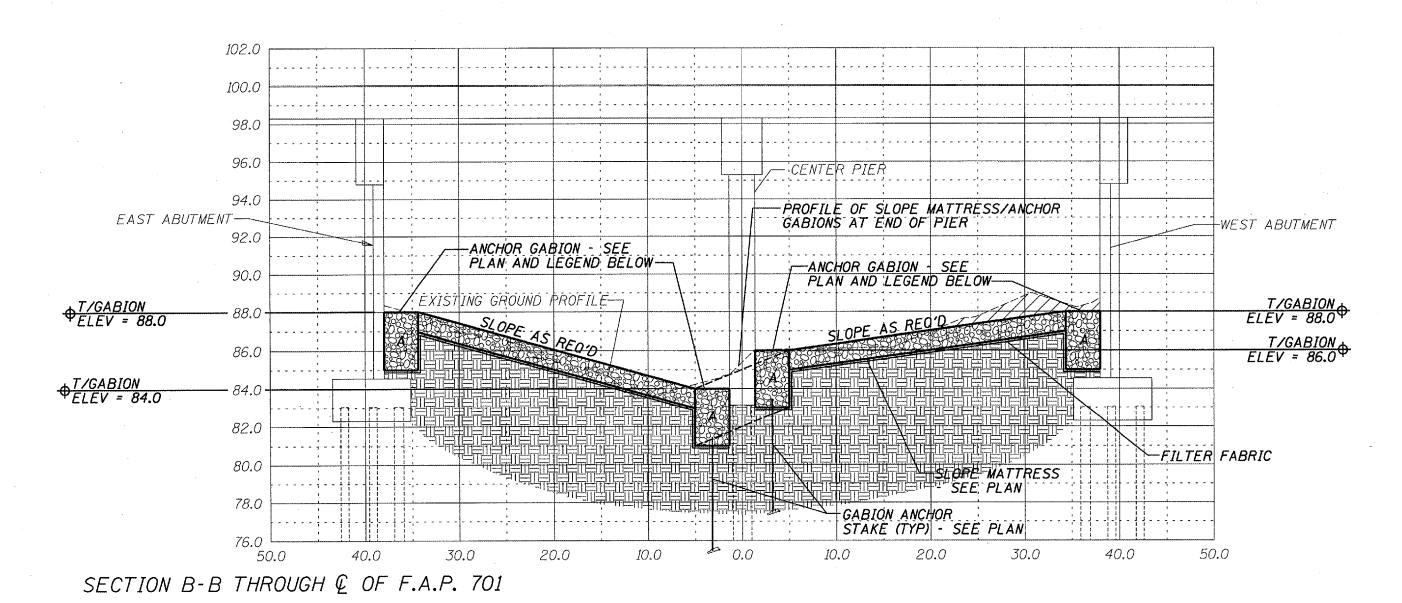
SHEET 6 OF 8

SCALE, VERT. 1: 5' HORIZ. 1: 10'



ROUTE N	o. SEC	TION	COUNT	γ	TOTAL SHEETS	SHEET NO.
FAP 701	1	₩	TAZEW	ELL	30	29
FED. RO	DAD DIST.	NO. 4	ILLINOIS	FED	. AID PF	ROJECT

* (128BR)I-1



<i>GABI</i> (GABION LEGEND							
MARK	MARK LENGTH WIDTH HEIGHT							
A 6' 3' 3'								

ILLINOIS DEPARTMENT OF TRANSPORTATION

SITE CROSS SECTION

S.N. 090-0058

F.A.P. 701 (IL 122) OVER

NORTH FORK SUGAR CREEK

TAZEWELL COUNTY

SHEET 7 OF 8

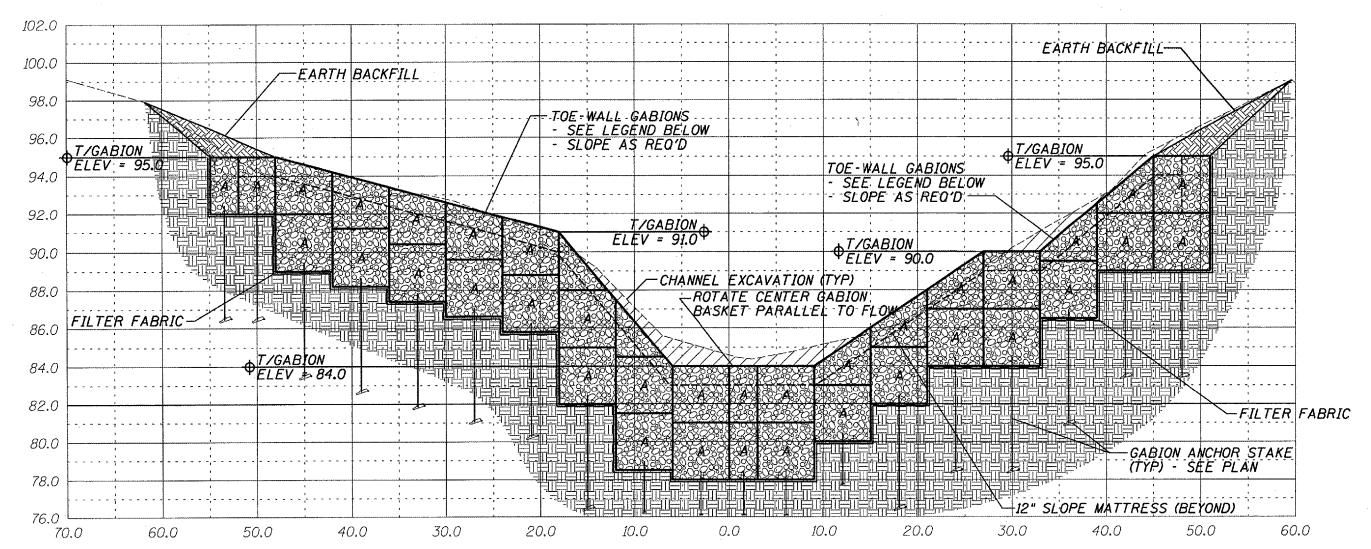
SCALE, VERT. 1'=5' HORIZ, 1'= 10'



(0	8	4	8	4
9	O	,	O	,

ROUTE NO.	SECTION	COUNT	Ύ	TOTAL SHEETS	SHEET NO.
FAP 702	***	TAZEW	ELL	30	30
FED. ROAL	DIST. NO. 4	ILLINOIS	FED	. AID PF	ROJECT

* (128BR)I-1



SECTION C-C THROUGH SOUTH GABION TOE-WALL

GABION LEGEND								
MARK LENGTH WIDTH HEIGHT								
A 6' 3' 3'								

ILLINOIS DEPARTMENT OF TRANSPORTATION

SITE CROSS SECTION

S.N. 090-0058

F.A.P. 701 (IL 122) OVER

NORTH FORK SUGAR CREEK

TAZEWELL COUNTY

SHEET 8 OF 8

SCALE, VERT. 1'-5' HORIZ 1'-10'

