

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	904	1

91 Total Sheets

**INDEX OF SHEETS**

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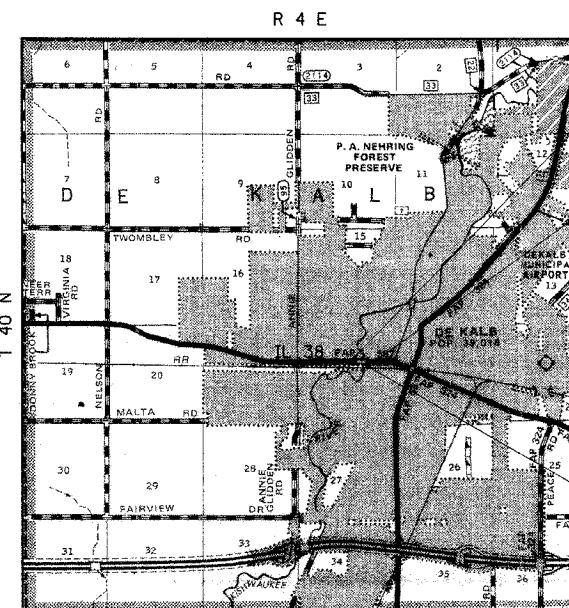
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**  
**STRUCTURE REPLACEMENT**

**FAP ROUTE 567 (IL RTE 38)**  
**SECTION 34X-BR**  
**PROJECT NO. BRF-0567(096)**  
**DEKALB COUNTY**

**STATE STANDARDS**

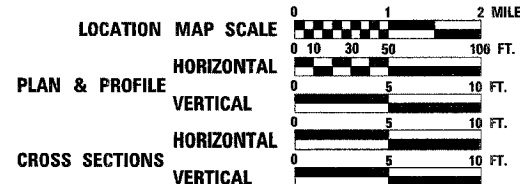
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
420401-05	BRIDGE APPROACH PAVEMENT
442201-02	CLASS C AND D PATCHES
515001-02	NAME PLATES FOR BRIDGES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-01	INLET - TYPE A
602305-01	INLET - TYPE B
602401-01	MANHOLE TYPE A
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS TYPE 1
604091-01	FRAME AND GRATE TYPE 24
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-07	STEEL PLATE BEAM GUARDRAIL
<b>631031-06</b>	<b>TRAFFIC BARRIER TERMINAL, TYPE G</b>
684001-01	CHAIN LINK FENCE
666001	RIGHT OF WAY MARKERS
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
704001-03	TEMPORARY CONCRETE BARRIER
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

C-92-040-06



**LOCATION MAP**

NET LENGTH OF PROJECT = 850 FEET = 0.161 MILES  
 GROSS LENGTH OF PROJECT = 850 FEET = 0.161 MILES  
 20% ADT 20900, PV = 96.3% SU = 2.1% MU = 1.6%



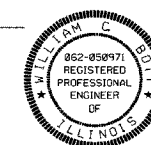
PROJECT BEGINS STA. 134+70.00

PROJECT ENDS STA. 143+20.00

SEC. 34X-BR PROPOSED STRUCTURE NO. 019-0044 CONSISTS OF REMOVING AND REPLACING STRUCTURE NO. 019-0002 WITH A 3-SPAN, REINFORCED CONCRETE SLAB BRIDGE ON SPILL-THROUGH ABUTMENTS AND PILE BENT PIERS, 118'-0" IN LENGTH WITH A 59'-0" CLEAR ROADWAY WIDTH. 5 LANES TO BE PROVIDED ACROSS THE STRUCTURE TO MATCH EXISTING CROSS SECTION AT EAST AND WEST ENDS OF PROJECT, INCLUDING COMBINATION CONCRETE CURB AND GUTTER, PCC SIDEWALK, PAVEMENT WIDENING AND PROFILE ADJUSTMENT.

*William C. Bott*  
 IL PROFESSIONAL ENGINEER

DATE 10/25/06



EXPIRES: 11/30/07

D-92-108-00



LOCATION OF SECTION INDICATED THIS: -

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

SUBMITTED October 27 20 06  
*Jane O'Keefe*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
February 2 20 07  
*Eric E. Hamm*  
 SENIOR ENGINEER OF DESIGN AND ENVIRONMENT  
February 2 20 07  
*Milton R. See* P.E.  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

DISTRICT 3 OTTAWA, IL

**PRINTED BY THE AUTHORITY**  
**OF THE STATE OF ILLINOIS**

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 GIVEN SCALES MAY BE USED.

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

TOWNSHIP: DEKALB  
 SECTION: 22

**CONTRACT NO. 64583**

REVISIONS		COMPUTER FILE NO.
NAME	DATE	
IDOT REVIEW	10/25/06	D10800CVR
		PROJECT 05198
		10/25/06-GS.J



**FAP 567 (IL RTE 38) DEKALB COUNTY**

Project Engineer: Mark Jones

Squad Leader: Dave Broviak (815) 434-8435

Greene and Bradford, Inc. Chris Bott (217) 793-8844

PLOT DATE = 8/24/06  
 FILE NAME = 8/24/06  
 PLOTTER = HP  
 REFERENCE = AREFS  
 OPERATOR = AUSER

# SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAY CODE NUMBER	DESCRIPTION	UNIT	TOTAL URBAN	80% FED. 20% STATE		80% FED. 20% STATE				
				ROADWAY 1000-2A	BRIDGE X080-2A	100% CITY Y030-1E	TRAFFIC SIGNALS Y031-1F	LIGHTING Y030-1E	SFTY-3N	
20101100	TREE TRUNK PROTECTION	EACH	4	4						
20200500	EARTH EXCAVATION (WIDENING)	CU YD	604	604						
20300100	CHANNEL EXCAVATION	CU YD	1310	1310						
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	220		220					
20800150	TRENCH BACKFILL	CU YD	374	374						
25200100	SODDING	SQ YD	1040	1040						
25200200	SUPPLEMENTAL WATERING	UNIT	3.2	3.2						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	65	65						
28000400	PERIMETER EROSION BARRIER	FOOT	820	820						
28100108	STONE RIPRAP, CLASS A4 (SPECIAL)	SQ YD	184	184						
28100109	STONE RIPRAP, CLASS A5	SQ YD	1050		1050					
28200200	FILTER FABRIC	SQ YD	1050		1050					
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	27	27						
35101400	AGGREGATE BASE COURSE, TYPE B	TON	127	127						
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	1177	1177						
35501336	HOT-MIX ASPHALT BASE COURSE 13"	SQ YD	668	668						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	220	220						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2.5	2.5						
40600300	AGGREGATE (PRIME COAT)	TON	8.4	8.4						
40600837	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70	TON	262	262						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	713	713						
40600990	TEMPORARY RAMP	SQ YD	248	248						
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	845	845						
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	347	347						
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	12	12						
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	367	367						
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	74	74						
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	451	451						
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	194	194						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10,174	10,174						
44000100	PAVEMENT REMOVAL	SQ YD	580	580						
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1366	1366						
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	531	531						

\*SPECIALTY ITEM

PAY CODE NUMBER	DESCRIPTION	UNIT	TOTAL URBAN	80% FED. 20% STATE		80% FED. 20% STATE				
				ROADWAY 1000-2A	BRIDGE X080-2A	100% CITY Y030-1E	TRAFFIC SIGNALS Y031-1F	LIGHTING Y030-1E	SFTY-3N	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1522	1522						
44000600	SIDEWALK REMOVAL	SO FT	7304	7304						
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	6	6						
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	48	48						
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	64	64						
44300200	STRIP REFLECTIVE CHACK CONTROL TREATMENT	FOOT	1334	1334						
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1					
50200100	STRUCTURE EXCAVATION	CU YD	140		140					
50300225	CONCRETE STRUCTURES	CU YD	299.7	55.2	244.5					
50300255	CONCRETE SUPERSTRUCTURE	CU YD	642.4		642.4					
50300260	BRIDGE DECK GROOVING	SQ YD	741		741					
50300300	PROTECTIVE COAT	SQ YD	1114		1114					
50800105	REINFORCEMENT BARS	POUND	494	494						
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	167,040	5,180	161,860					
50800515	BAR SPLICERS	EACH	326	21	305					
51201005	FURNISHING METAL SHELL PILES 12"	FOOT	2580		2580					
51201105	FURNISHING METAL SHELL PILES 14"	FOOT	658		658					
51202305	DRIVING PILES	FOOT	3238		3238					
51203200	TEST PILE METAL SHELLS	EACH	1		1					
51500100	NAME PLATES	EACH	1		1					
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1						
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1						
54248510	CONCRETE COLLAR	CU YD	10.4	10.4						
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	56	56						
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	99	99						
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	81	81						
55100500	STORM SEWER REMOVAL 12"	FOOT	34	34						
55100700	STORM SEWER REMOVAL 15"	FOOT	12	12						
55100900	STORM SEWER REMOVAL 18"	FOOT	9	9						
55101400	STORM SEWER REMOVAL 30"	FOOT	32	32						
55101600	STORM SEWER REMOVAL 36"	FOOT	62	62						
56109210	WATER VALVES TO BE ADJUSTED	EACH	7	7						
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	96		96					
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	188		188					
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3						
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2						

\*SPECIALTY ITEM

PLOT DATE = 12/10/2006  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#  
 OPERATOR = #USER#

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/24/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 (IF SPONSORED)

COMPUTER FILE NO. D10800CVR  
 PROJECT 05198  
 10/25/06-GSJ

# SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAY CODE NUMBER	DESCRIPTION	UNIT	TOTAL URBAN	80% FED. 20% STATE		80% FED. 20% STATE					
				ROADWAY 1000-2A	BRIDGE X080-2A	100% CITY Y030-1E	TRAFFIC SIGNALS Y031-1F	LIGHTING Y030-1E	SFTY-3N		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6							
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2							
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	13	13							
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	7	7							
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4							
60500050	REMOVING CATCH BASINS	EACH	10	10							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1466	1466							
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	50	50							
*63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2							
63200310	GUARDRAIL REMOVAL	FOOT	86	86							
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2							
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	365	365							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10							
*66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1							
67100100	MOBILIZATION	L SUM	1	1							
*66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2							
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1							
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1							
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	244	244							
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1397	1397							
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	608.4	608.4							
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	17,801	17,801							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,758	1,758							
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,440	1,440							
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	192	192							
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1670	1670							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	300	300							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	200	200							
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	202.8	202.8							
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4204	4204							
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	586	586							
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	480	480							
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	64	64							
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	80	80							

\*SPECIALTY ITEM

PAY CODE NUMBER	DESCRIPTION	UNIT	TOTAL URBAN	80% FED. 20% STATE		80% FED. 20% STATE					
				ROADWAY 1000-2A	BRIDGE X080-2A	100% CITY Y030-1E	TRAFFIC SIGNALS Y031-1F	LIGHTING Y030-1E	SFTY-3N		
78100105	RAISED REFLECTIVE PAVEMENT MARKERS (BRIDGE)	EACH	10	10							
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1141	1141							
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	60			60					
81200215	CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC	FOOT	118				118				
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	95			95					
81400100	HANDHOLE	EACH	1						1		
*81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5						5		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1073				730		343		
X0325669	UNIT DUCT, 2*4XLP, 1*4XLP GROUND 1" POLYETHYLENE	FOOT	361						361		
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	3						3		
83600357	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8"X8"	EACH	3						3		
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	3						3		
84200700	LIGHTING FOUNDATION REMOVAL	EACH	3						3		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1						1		
X0301828	ENGINEERED BARRIER	SQ YD	138	138							
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	1								
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	342			342					
X0324886	CONDUIT INSTALLED, 1 1/4" DIA., NON-METALLIC	FOOT	730						730		
X0324939	ANCHOR RODS	EACH	16						16		
X0330400	STORM SEWER WATER MAIN 12"	FOOT	456	456							
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1			1					
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1			1					
X8730402	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 12 PAIR	FOOT	848				848				
XX004051	LIGHT POLE, ORNAMENTAL	EACH	3						3		
XX004716	LUMINAIRE, METAL HALIDE, SPECIAL, TYPE III, 175 WATT	EACH	6						6		
*Z0001900	ASBESTOS BEARING PAD REMOVAL	EACH	16			16					
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	4							4	
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2							2	
Z0041700	PLUG EXISTING STORM SEWERS	EACH	2	2							
X0325670	CONCRETE BRIDGE RAIL, SIDEWALK MOUNTED	FOOT	224			112			112		

\*SPECIALTY ITEM

PLOT DATE = 12/15/2006  
 FILE NAME = \*FILEL\*  
 PLOT SCALE = \*SCALE\*  
 OPERATOR = \*USER\*

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/24/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

COMPUTER FILE NO. D10800CVR  
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GREZZINI & BRADFORD, INC.  
 OF SPRINGFIELD  
 CIVIL ENGINEERS  
 1000 CENTURY CENTER  
 SPRINGFIELD, ILLINOIS 62761  
 PROFESSIONAL ENGINEERING CORPORATION  
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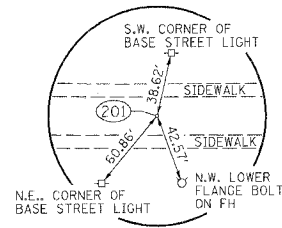
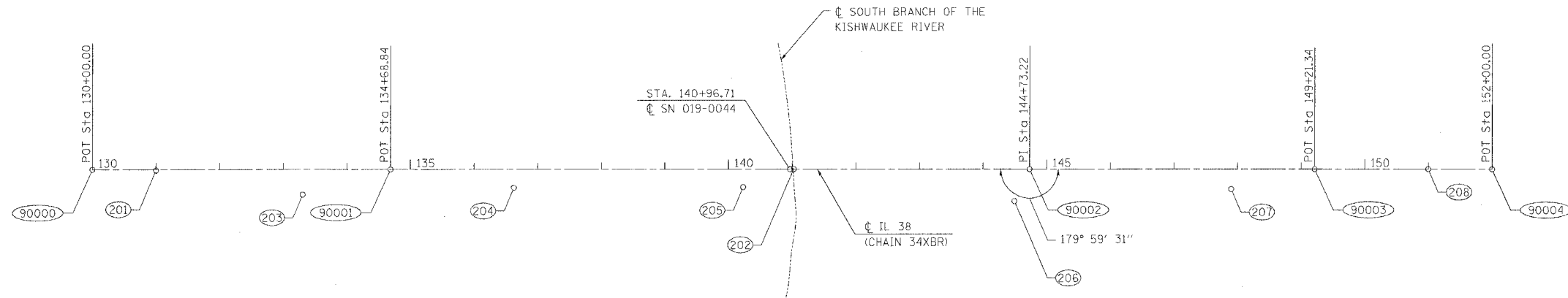
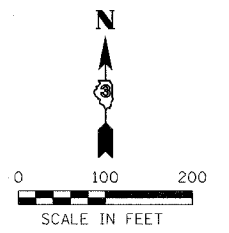




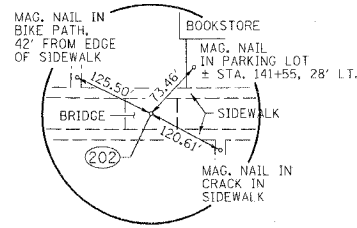
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# HORIZONTAL AND VERTICAL CONTROL

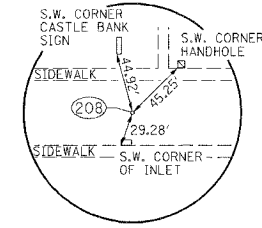
**BENCH MARKS**  
SEE PLAN & PROFILE SHEETS FOR BENCH MARK DATA.



HORIZONTAL CONTROL  
POINT NO. 201  
STA. 130+99.87, 1.30' RT.



HORIZONTAL CONTROL  
POINT NO. 202  
STA. 141+02.40, 0.10' LT.



HORIZONTAL CONTROL  
POINT NO. 208  
STA. 150+99.68, 0.10' LT.

Chain 34XBR contains:  
90000 90001 90002 90003 90004

Beginning chain 34XBR description

Point 90000	N	30,001.4432 E	28,897.6009	Sta	130+00.00
Course from 90000 to 90001 S 89° 55' 10.85" E Dist 468.8385					
Point 90001	N	30,000.7860 E	29,366.4390	Sta	134+68.84
Course from 90001 to 90002 S 89° 55' 10.85" E Dist 1,004.3860					
Point 90002	N	29,999.3780 E	30,370.8240	Sta	144+73.22
Course from 90002 to 90003 S 89° 54' 41.94" E Dist 448.1165					
Point 90003	N	29,998.6870 E	30,818.9400	Sta	149+21.34
Course from 90003 to 90004 S 89° 54' 41.94" E Dist 278.6590					
Point 90004	N	29,998.2573 E	31,097.5986	Sta	152+00.00

Ending chain 34XBR description

HORIZONTAL CONTROL						
CHAIN	POINT	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
34XBR	201	30000.000	28997.4650	130+99.87	1.3032' RT.	MAG. NAIL
34XBR	202	30000.000	30000.0000	141+02.40	0.1022' LT.	MAG. NAIL
34XBR	203	29961.8770	29228.2830	133+30.74	39.1026' RT.	NAIL & BOTTLE CAP
34XBR	204	29971.8580	29560.3530	136+62.79	28.6561' RT.	NAIL & BOTTLE CAP
34XBR	205	29972.1280	29920.6830	140+23.12	27.8810' RT.	NAIL & BOTTLE CAP
34XBR	206	29949.9040	30346.9630	144+49.43	49.5074' RT.	IRON PIN (PROP. COR.)
34XBR	207	29967.7130	30687.7280	147+90.18	31.1763' RT.	NAIL & BOTTLE CAP
34XBR	208	29998.5157	30997.2839	150+99.68	0.1037' LT.	MAG. NAIL

\* POINT HAS NO RECORDED TIES.

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION

**HORIZONTAL AND VERTICAL CONTROL**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. 1" = 100'  
DATE 9/30/05

DRAWN BY SUTHEARD  
CHECKED BY BOIT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

COMPUTER FILE NO. D10800HVC  
PROJECT 05198  
10/25/06-GSJ

PLT DATE = 08/28/05  
FILE NAME = 05198.H  
PLOT SCALE = 1" = 100'  
REFERENCE = 05198  
OPERATOR = MUEBERG

# GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	6
STA.		TO STA.		
FED. ROAD DIST. NO.		FED. AID PROJECT		

See cross sections for special ditches and backslopes.

The removal of Hot-Mix Asphalt Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Hot-Mix Asphalt Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

The final top four inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

Previously pugmilled stockpiles of "Type A" aggregate older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

The existing Hot-Mix Asphalt surface on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

The Contractor will be required to furnish 5-1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

Reflective Crack Control shall be placed on the existing surface prior to any resurfacing, unless pavement is milled then it will be placed on the binder course.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

All frames and grates of drainage structures to be removed or filled shall be carefully salvaged and shall remain the property of the Contractor.

The cost of making sewer connections to existing drainage structures shall be included in the various contract unit prices for STORM SEWER.

Lateral distances from the centerline on all inlets are to the face of the inlet.

All proposed manholes on this project shall be cast in place or precast. This work will be paid for at the contract unit price Each for MANHOLE of the type and size specified.

The Contractor shall determine flowlines of existing sewer lines which are shown on the plans as estimated or unknown. This information is necessary before ordering inlets and manholes.

A Nationwide 404 Permit has been issued for this project and the conditions of that permit must be adhered to.

The new number for this structure will be 019-0044.

The contractor shall submit four copies of the required shop drawings for review and approval to the Bureau of Bridges and Structures, 2300 South Dirksen Parkway, Springfield, IL 62764. After approval of initial submittal, the contractor shall submit one set of shop drawings to Eric Harm, Engineer of Materials, 126 East Ash Street, Springfield, IL 62706, and eight (8) sets of shop drawings to be distributed to:

- District 3 District Engineer (1)
- Fabricator (1)
- Contractor (2)
- Resident Engineer (2)
- District 3 Bureau of Materials (2)

The thickness for the Bridge Approach Pavement Connector (Flexible) adjacent to existing pavement shall be a minimum of 13". The material shall be 1 1/2 " Polymerized Hot-Mix Asphalt Surface Course, Mix "D", N70, and the remaining thickness shall be Hot-Mix Asphalt Binder Course, IL-19.0, N70.

Saw cuts shall be considered incidental to Pavement Removal. No additional compensation will be allowed.

End sections attached to Steel Plate Beam Guard Rail, Type A shall be considered incidental to Steel Plate Beam Guard Rail, Type A. No additional compensation will be allowed.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

REVIEWED BY: *Rick Powell*  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 10-27-06

EXAMINED BY: *Herbert K. Jensen*  
DISTRICT CONSTRUCTION ENGINEER

*Mark Schul*  
DISTRICT MATERIALS ENGINEER

*Bruce Bucher*  
DISTRICT OPERATIONS ENGINEER

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	11/15/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL NOTES**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 10/24/05

DRAWN BY SUTHEARD  
CHECKED BY BOTT

COMPUTER FILE NO.  
D10800CVR  
PROJECT 05198  
10/25/06-GSJ

**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
1025 SOUTH MAIN STREET  
SPRINGFIELD, ILLINOIS 62764  
TEL: 217-244-1100 FAX: 217-244-1101  
WWW.GREENE-AND-BRADFORD.COM

PLOT DATE 11/16/2006  
 FILE NAME 111111  
 PLOT SCALE 1/8"=1'-0"  
 REFERENCE REF  
 OPERATOR USER



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# GENERAL NOTES

## Commitments

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as Microstation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer or consultant to request these files.

- As stated in the Programmatic Section 4(f) Evaluation:  
  
At times it will be necessary to close the Kishwaukee Riverfront Recreational Trail (bicycle/pedestrian trail) due to construction activities that may pose a safety concern. The City of DeKalb and Northern Illinois University shall be notified of temporary closures plus the trail shall be signed accordingly.
- ~~Property owners, Jean and Stephen Bednarz, located at 444 West Lincoln Highway (815/758-8459) shall be notified in the fall of 2006 or at least six months prior to the start of construction so that they may relocate plants near the work zone to prevent damage. See memos in commitment file.~~
- Tree protection shall be provided for the approximately 30 inch diameter tree located on the Bednarz property (444 West Lincoln Highway) near the proposed temporary easement area at Sta. 136+15, 70' Rt.
- ~~The Phase 2 Project Engineer shall coordinate with the City of DeKalb with respect to the final plans for traffic control and staging. Final plans have been submitted to the city; approval is pending as of 12-15-06.~~
- The Contractor shall provide a brushed finish, as directed by the Resident Engineer, on the sidewalk adjacent to Northern Illinois University property located on the north side of IL 38.
- At the request of the City of DeKalb and Northern Illinois University, the Resident Engineer shall coordinate weekly partnering meetings with various representatives from the City and University. Initial coordination should be conducted with the City of DeKalb Director of Public Works and the NIU Directory of Physical Plant in advance of the project letting to discuss meeting schedules. The City and University would also like the contractor to review a list of events that are scheduled during the construction period and consider any possible adjustments to the project schedule in order to minimize adverse affects on traffic flow. One such event requiring review and discussion would be the Univeristy "move-in" week typically scheduled for the third or fourth week in August, prior to the start of classes.
- The USGS (Jay Angel at 815/756-9207) shall be notified by the contractor at least 1 month prior to starting any work on the project so that a stream gauge can be removed from the existing structure.
- The Resident Engineer and the Contractor shall coordinate with the City of DeKalb for the relocation of the city's light poles on the south side of IL 38 and city water main located within the project limits during construction of the proposed structure. The timing of the relocations shall be discussed at the pre-construction meeting.
- This contract includes the relocation of the buried traffic signal interconnect cable currently attached to the structure and along the north side of the right of way line.
- This contract includes the work for accommodating traffic signal cabling, light pole cabling, and power cabling as necessary on the proposed structure.
- The contractor shall contact Mr. Tim Feldballe, concerning property located at 412 West Lincoln Highway, at phone number 312-915-3256 two weeks prior to work beginning on the project site. The contractor shall notify the IDOT resident after contacting Mr. Feldballe.
- The contractor shall adjust the entrance location at Sta. 142+16, Rt., as far east as possible within the property line. The commercial sign is to remain in place. See commitment file.

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL NOTES**  
FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 10/24/05

DRAWN BY SUTHEARD  
CHECKED BY BOTT

COMPUTER FILE NO. D10800CVR  
PROJECT 05198  
10/25/06-GSJ

**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
INCORPORATED IN ILL.  
PROFESSIONAL ENGINEERS LICENSE NO. 021-000000  
PROFESSIONAL ENGINEERS LICENSE NO. 021-000000  
PROFESSIONAL ENGINEERS LICENSE NO. 021-000000

PLOT DATE = 12/15/2006  
FILE NAME = #FILE#  
PLOT SCALE = #SCALE#  
REFERENCE = #REF#  
OPERATOR = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# SCHEDULE OF QUANTITIES

20101100 TREE TRUNK PROTECTION

EACH	LOCATION	
1	136+16, 70' RT	
1	136+22, 45' LT	
1	137+98, 48' LT	
1	139+43, 52' LT	
4	TOTAL	

25200200 SUPPLEMENTAL WATERING

UNIT	LOCATION		
0.9	134 + 70	-	140 + 38 LT
1.1	134 + 70	-	140 + 38 LT
0.8	134 + 70	-	140 + 38 LT, PARKWAY
0.1	141 + 56	-	141 + 98 LT, PARKWAY
0.1	141 + 56	-	143 + 20 LT
0.1	141 + 56	-	143 + 20 RT
0.1	142 + 59	-	143 + 20 LT, PARKWAY
3.2	TOTAL		

35501336 HOT-MIX ASPHALT BASE COURSE 13"

SQ_YD	LOCATION	
243	134+70	- 140+08.21 LT
330	134+70	- 140+08.21 RT
47	141+85.21	- 143+20, LT
48	141+85.21	- 143+20, RT
668	TOTAL	

20200500 EARTH EXCAVATION (WIDENING)

CU_YD	LOCATION	
489	134 + 70	- 140 + 08
115	141 + 85	- 143 + 00
604	TOTAL	

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION		
19	134 + 70	-	140 + 38 LT
23	134 + 70	-	140 + 38 LT
16	134 + 70	-	140 + 38 LT, PARKWAY
1	141 + 56	-	141 + 98 LT, PARKWAY
3	141 + 56	-	143 + 20 LT
2	141 + 56	-	143 + 20 RT
1	142 + 59	-	143 + 20 LT, PARKWAY
65	TOTAL		

40600200 BITUMINOUS MATERIALS (PRIME COAT)

TON	LOCATION		
0.4	134+70	-	140+08.21 LT WIDENING
0.5	134+70	-	140+08.21 RT WIDENING
1.0	134+70	-	140+08 MAINLINE
0.1	140+00, LT		BIKE PATH
0.3	141+85	-	143+20 MAINLINE
0.1	141+85.21	-	143+20, LT WIDENING
0.1	141+85.21	-	143+20, RT WIDENING
2.5	TOTAL		

20300100 CHANNEL EXCAVATION

CU_YD	LOCATION	
1310	140 + 42	- 141 + 51
1310	TOTAL	

28000400 PERIMETER EROSION BARRIER

FOOT	LOCATION	
68	140+13, 50' RT	- 140+39, 62' RT
600	134+85, 35' LT	- 140+68, 62' LT
152	ESTIMATE FOR CONSTRUCTION	
820	TOTAL	

40600300 AGGREGATE (PRIME COAT)

TON	LOCATION	
6.6	134+70	- 140+08 MAINLINE
0.1	140+00, LT	BIKE PATH
1.7	141+85	- 143+20 MAINLINE
8.4	TOTAL	

20800150 TRENCH BACKFILL

CU_YD	LOCATION		
9	134+75, 22' LT		
10	134+75, 32' RT	-	135+33, 32' RT
6	135+33, 23' LT		
21	135+33, 32' RT	-	136+15, 31' RT
8	136+15, 24' LT		
9	136+15, 31' RT	-	136+43, 31' RT
1	136+43, 31' RT	-	136+44, 27' RT
22	136+43, 31' RT	-	137+20, 30' RT
9	136+46, 24' LT		
21	137+20, 25' LT		
18	137+20, 30' RT	-	138+00, 29' RT
10	138+00, 26' LT		
25	138+00, 29' RT	-	138+70, 28' RT
49	139+98, 18' LT		
32	139+99, 27' LT	-	140+24, 27' LT
1	139+99, 27' RT	-	139+99, 25' RT
6	139+99, 27' RT	-	140+24, 27' RT
49	140+24, 27' LT	-	140+35, 70' LT
1	141+70, 27' LT	-	141+75, 27' LT
1	141+70, 27' RT	-	141+75, 27' RT
8	141+75, 27' LT	-	142+05, 27' RT
6	141+75, 27' RT	-	142+10, 27' RT
51	142+75 LT	-	142+05 LT
1	142+10, 27' RT	-	142+15, 26' RT
374	TOTAL		

28100108 STONE RIPRAP, CLASS A4 (SPECIAL)

SQ_YD	LOCATION	
184	140+59.60, 62' LT	- 140+59.60, 62' RT
184	TOTAL	

40600837 POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70

TON	LOCATION	
225	134+70	- 140+08.21
23	141+85.21	- 143+20
248	TOTAL	

35100500 AGGREGATE BASE COURSE, TYPE A 6"

SQ_YD	LOCATION	
27	140+00, LT.	BIKE PATH
27	TOTAL	

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

SQ_YD	LOCATION	
357	134+70	- 135+30
356	142+60	- 143+20
713	TOTAL	

35101400 AGGREGATE BASE COURSE, TYPE B

TON	LOCATION	
127	STA. 140+59.60, 62' RT	- 140+59.60, 62' LT BIKE PATH
127	TOTAL	

40600990 TEMPORARY RAMP

SQ_YD	LOCATION		
62	134+70	-	134+85 SURFACE REMOVAL
62	139+60	-	140+08 BRIDGE APPROACH - STAGE 1 & 2
62	141+85	-	142+37 BRIDGE APPROACH - STAGE 1 & 2
62	143+05	-	143+20 SURFACE REMOVAL
248	TOTAL		

25200100 SODDING

SQ_YD	LOCATION		
308	134 + 70	-	140 + 38 LT
366	134 + 70	-	140 + 38 LT
252	134 + 70	-	140 + 38 LT, PARKWAY
19	141 + 56	-	141 + 98 LT, PARKWAY
46	141 + 56	-	143 + 20 LT
35	141 + 56	-	143 + 20 RT
14	142 + 59	-	143 + 20 LT, PARKWAY
1040	TOTAL		

35101100 AGGREGATE BASE COURSE, TYPE A 12"

SQ_YD	LOCATION		
427	134+70	-	140+05.21 LT WIDENING, CURB & GUTTER
515	134+70	-	140+05.21 LT WIDENING, CURB & GUTTER
12	140+05.21	-	140+38.21 LT CURB & GUTTER
12	140+05.21	-	140+38.21 RT CURB & GUTTER
12	141+55.21	-	141+88.21 LT CURB & GUTTER
12	141+55.21	-	141+88.21 RT CURB & GUTTER
93	141+88.21	-	143+20, LT WIDENING, CURB & GUTTER
94	141+88.21	-	143+20, RT WIDENING, CURB & GUTTER
1177	TOTAL		

40603085 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

TON	LOCATION	
853	134+70	- 140+08.21
30	141+85.21	- 143+20
883	TOTAL	

40603540 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70

TON	LOCATION	
277	134+70	- 140+08.21
70	141+85.21	- 143+20
347	TOTAL	

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06
IDOT REVISIONS	2/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/24/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 PROFESSIONAL ENGINEERING FIRM NO. 001-00000000  
 1211 N. 4th St., Springfield, IL 62761-1000

COMPUTER FILE NO.  
 D10800CVR  
 PROJECT 05198  
 10/25/06-GSJ

PLOT DATE = 2/2/2007  
 FILE NAME = #FILEL#  
 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#  
 OPERATOR = #USERS#

# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	10

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING

TON	LOCATION
3	140+00, LT (BIKE PATH)
2	LT SIDE CE - 141+91, RT
4	CE 141+91, RT - CE 142+44, RT
3	CE 142+44, RT - CE 142+77, RT
12	TOTAL

44000100 PAVEMENT REMOVAL

SQ_YD	LOCATION
36	134+70 - 136+89, LT
19	134+70 - 135+69, RT
266	140+05.21 - 140+59.1
217	141+45.5 - 141+88.21
21	142+15 - 143+20, LT
21	142+20 - 143+20, RT
580	TOTAL

44300200 STRIP REFLECTIVE CRACK CONTROL TREATMENT

FOOT	LOCATION
535	134+70, 19' LT - 140+05, 22' LT
535	134+70, 29' RT - 140+05, 22' RT
132	141+88, 24' LT - 143+20, 24' LT
132	141+88, 23' RT - 143+20, 24' RT
1334	TOTAL

42001165 BRIDGE APPROACH PAVEMENT

SQ_YD	LOCATION
183.3	140+08.21 - 140+38.21
183.3	141+55.21 - 141+85.21
366.6	TOTAL

44000198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

SQ_YD	LOCATION
62	134+70 - 134+85 TEMP. RAMP
773	138+20 - 140+05 MAINLINE
62	139+60 - 140+08 BRIDGE APPROACH - STAGE 1 & 2
62	141+85 - 142+37 BRIDGE APPROACH - STAGE 1 & 2
345	141+88 - 142+60 MAINLINE
62	143+05 - 143+20 TEMP. RAMP
1366	TOTAL

50300225 CONCRETE STRUCTURES

CU_YD	LOCATION
55.2	140+59.60, 62' RT - 140+59.60, 62' LT BIKE PATH
55.2	TOTAL

42001430 BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

SQ_YD	LOCATION
36.7	140+05.21 - 140+11.21
36.7	141+82.21 - 141+88.21
73.4	TOTAL

44000200 DRIVEWAY PAVEMENT REMOVAL

SQ_YD	LOCATION
28	135+02, RT
29	136+27, RT
27	136+93, RT
35	137+15, RT
40	137+86, RT
27	138+43, RT
34	139+61, RT
43	140+00, LT (BIKE PATH)
113	142+16, RT
123	142+28, LT
32	142+77, RT
531	TOTAL

50800105 REINFORCEMENT BARS

POUND	LOCATION
60	134+75, 15.39' LT CONCRETE COLLAR
60	135+33.30, 15.25' LT
60	136+15.70, 15.05' LT
30	136+43.9, 26.18' RT
80	137+20, 15.51' LT
80	138+00, 16.06' LT
80	138+70, 16.55' LT
22	139+99.15, RT
22	142+15.04, RT
494	TOTAL

42300300 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH

SQ_YD	LOCATION	
33	135+02.5, RT	PE
29	136+27.7, RT	PE
21	136+93.5, RT	PE
32	137+15.5, RT	PE
31	137+86.5, RT	PE
32	138+43.0, RT	PE
33	139+61.0, RT	PE
33	140+00, RT	PE
166	140+59.60, 62' RT - 140+59.60, 62' LT	
41	142+77.0, RT	PE
451	TOTAL	

44000500 COMBINATION CURB AND GUTTER REMOVAL

FOOT	LOCATION
588	134+70, 23.8' LT - 140+58, 24' LT
588	134+70, 34.0' RT - 140+58, 24' RT
173	141+47, 24.0' LT - 143+20, 28.8' LT
173	141+47, 23.8' RT - 143+20, 28.8' RT
1522	TOTAL

50800205 REINFORCEMENT BARS, EPOXY COATED

POUND	LOCATION
5180	140+59.60, 62' RT - 140+59.60, 62' LT BIKE PATH
5180	TOTAL

550A0050 STORM SEWERS, CLASS A, TYPE 1 12"

FOOT	LOCATION
5	134+75, LT
6	135+33.3, LT
6	136+15.7, LT
7	136+46, LT
8	137+20, LT
8	138+00, LT
8	138+70, LT
8	142+92.08, LT
56	TOTAL

42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

SQ_YD	LOCATION	
45	141+90.5, RT	CE
45	142+44, RT	CE
104	142+28.5, LT	CE
194	TOTAL	

44000600 SIDEWALK REMOVAL

SQ_FT	LOCATION
3463	134+70 - 140+59, LT
2446	134+70 - 140+59, RT
162	136+67, LT (NIU SIDEWALK)
638	141+45 - 143+20, LT
595	141+45 - 143+20, RT
7304	TOTAL

54213675 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"

EACH	LOCATION
1	140+62, 70' LT
1	TOTAL

550A0430 STORM SEWERS, CLASS A, TYPE 2 30"

FOOT	LOCATION
8	139+98.01, LT
23	139+99, LT
42	140+24, LT
26	140+35, LT
99	TOTAL

42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

SQ_FT	LOCATION
5716	134+70 - 140+38.21, LT
130	134+70 - 134+96, RT
737	135+09 - 136+21.20, RT
317	136+34.20 - 136+86.50, RT
166	136+67, LT (NIU SIDEWALK)
354	137+22.50 - 137+80, RT
256	137+93 - 138+36.50, RT
686	138+49.50 - 139+54.50, RT
105	139+67.50 - 139+93.50, RT
220	140+06, RT - 140+38.21, RT
458	141+55.21 - 142+06, LT
141	141+55.21 - 141+71.08, RT
100	142+05, RT - 142+30, RT
37	142+58 - 142+70.40, RT
531	142+51.10 - 143+20, LT
220	142+83.50 - 143+20, RT
10174	TOTAL

44201798 CLASS D PATCHES, TYPE I, 13 INCH

SQ_YD	LOCATION
3.0	136+46
3.0	139+99
6.0	TOTAL

54213681 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"

EACH	LOCATION
1	141+43, 18.2' LT - 141+51, 17.7' LT
1	TOTAL

550A0450 STORM SEWERS, CLASS A, TYPE 2 36"

FOOT	LOCATION
15	14154.84, LT
37	141+75, LT.
29	142+05.99
81	TOTAL

44201803 CLASS D PATCHES, TYPE II, 13 INCH

SQ_YD	LOCATION
12.5	134+75
12.5	135+33
12.5	136+15
10.0	142+06
47.5	TOTAL

54248510 CONCRETE COLLAR

CU_YD	LOCATION
1.2	134+75, 15.39' LT
1.2	135+33.30, 15.25' LT
1.2	136+15.70, 15.05' LT
0.6	136+43.9, 26.18' RT
1.8	137+20, 15.51' LT
1.8	138+00, 16.06' LT
1.8	138+70, 16.55' LT
0.4	139+99.15, 27.5' RT
0.4	142+15.4, 27.5' RT
10.4	TOTAL

44201807 CLASS D PATCHES, TYPE III, 13 INCH

SQ_YD	LOCATION
17.8	137+20
17.8	138+00
17.8	138+70
10.0	142+06
63.4	TOTAL

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	2/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT.      DRAWN BY SUTHEARD  
 HORIZ.              CHECKED BY BOTT  
 DATE 10/24/05

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 1200 W. WASHINGTON ST., SUITE 100  
 SPRINGFIELD, ILLINOIS 62760-4000  
 PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION  
 (917) 761-8824, (217) 753-5111 FAX: (217) 753-5111

COMPUTER FILE NO.  
 D10800CVR  
 PROJECT 05198  
 10/25/06-GSJ

PLOT DATE = 2/2/2007  
 PLOT SCALE = AS SHOWN  
 PLOT SCALE = AS SHOWN  
 REFERENCE = #REF#  
 OPERATOR = #USER#



# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

55100500 STORM SEWER REMOVAL 12"

FOOT	LOCATION
6	136+39.2, 24' LT - 136+45.9, 24' LT
7	136+43.9, 26.2' LT - 136+51.8, 25.7' LT
6	139+98, 18' LT - 139+98, 24' LT
7	142+10.2, 26.3' LT - 142+17.6, 26.6' LT
8	142+15, 26.3' RT - 142+23.8, 26.6' RT
34	TOTAL

55100700 STORM SEWER REMOVAL 15"

FOOT	LOCATION
12	142+05, 16' LT - 142+10, 26' LT
12	TOTAL

55100900 STORM SEWER REMOVAL 18"

FOOT	LOCATION
9	136+43.8, 15' LT - 136+45.9, 24' LT
9	TOTAL

55101400 STORM SEWER REMOVAL 30"

FOOT	LOCATION
32	140+27, 17' LT - 140+59, 17' LT
32	TOTAL

55101600 STORM SEWER REMOVAL 36"

FOOT	LOCATION
62	141+43, 14' LT - 142+05, 14' LT
62	TOTAL

56109210 WATER VALVES TO BE ADJUSTED

EACH	LOCATION
1	137+05, 19.5' RT
1	137+30, 36' RT
1	137+38, 27' RT
1	138+00, 36' RT
1	138+72, 33' RT
1	140+12, 20' RT
1	142+75, 33.5' RT
7	TOTAL

60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

EACH	LOCATION
1	134+75, 15.39' LT
1	135+33.3, 15.25' LT
1	136+15.7, 15.05' LT
3	TOTAL

60219540 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE

EACH	LOCATION
1	136+43.9, 31.1' RT
1	142+15.04, 27.5' RT
2	TOTAL

60221100 MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID

EACH	LOCATION
1	137+20, 15.51' LT
1	138+00, 16.06' LT
1	138+70, 16.55' LT
1	140+35, 70' LT
1	141+54.84, 65.29' LT
1	141+75, 27.5' LT
6	TOTAL

60222240 MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE

EACH	LOCATION
1	139+99, 27.5' LT
1	140+24, 27.5' LT
2	TOTAL

60237470 INLETS, TYPE A, TYPE 24 FRAME AND GRATE

EACH	LOCATION
1	134+75, 22.2' LT
1	134+75, 32.2' RT
1	135+33.3, 22.9' LT
1	136+15.7, 24' LT
1	136+46, 24.3' LT
1	137+20, 25.25' LT
1	138+00, 26.25' LT
1	138+70, 27.8' RT
1	138+70, 27.13' LT
1	140+24, 27.5' RT
1	141+70, 27.5' LT
1	141+70, 27.5' RT
1	142+92.08, 27.5' LT
13	TOTAL

60240328 INLETS, TYPE B, TYPE 24 FRAME AND GRATE

EACH	LOCATION
1	135+33.3, 32.1' RT
1	136+15.7, 31.1' RT
1	137+20, 29.75' RT
1	138+00, 28.75' RT
1	139+99, 27.5' RT
1	141+75, 27.5' RT
1	142+10, 27.5' RT
7	TOTAL

60255500 MANHOLES TO BE ADJUSTED

EACH	LOCATION
1	136+43.80, 14.98' LT
1	139+98.01, 17.43' LT
1	142+05.99, 14.19' LT
1	142+92.08, 17.40' LT
4	TOTAL

60500050 REMOVING CATCH BASINS

EACH	LOCATION
1	136+39.18, 23.95' LT
1	136+43.89, 26.18' RT
1	136+45.90, 23.96' LT
1	136+51.77, 25.73' RT
1	139+98.43, 23.89' LT
1	139+99.15, 24.24' RT
1	142+10.15, 26.3' LT
1	142+15.04, 26.38' RT
1	142+17.57, 26.55' LT
1	142+23.75, 26.63' RT
10	TOTAL

PLOT DATE = 2/2/2007  
 PLOT SCALE = AS SHOWN  
 PLOT SCALE = AS SHOWN  
 REFERENCE = #REF#  
 OPERATOR = #USER#

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	2/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. 1"=20'  
 HORIZ. 1"=40'  
 DATE 10/24/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO. D10800CVR  
 PROJECT 05198  
 10/25/06-CSJ

# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60605000 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24

FOOT	LOCATION	
568.2	134+70	- 140+38.21 LT
568.2	134+70	- 140+38.21 RT
164.8	141+55.21	- 143+20, LT
164.8	141+55.21	- 143+20, RT
1466	TOTAL	

63000000 STEEL PLATE BEAM GUARD RAIL, TYPE A

FOOT	LOCATION	
12.5	141+44.79, 78.25' LT	- 141+47.02, 72.54' LT
37.5	141+50.08, 72.4' RT	- 141+55.21, 40.5' RT
50.0	TOTAL	

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

EACH	LOCATION	
1	140+26.68, 74.97' RT	- 140+38.21, 39.5' RT
1	141+47.02, 72.54' LT	- 141+55.21, 39.5' LT
2	TOTAL	

63200310 GUARDRAIL REMOVAL

FOOT	LOCATION	
40	141+46, 70' LT	- 141+48, 30' LT
46	141+48, 34' RT	- 141+50, 80' RT
86	TOTAL	

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION	
1	135+00, CL	
1	143+00, CL	
2	TOTAL	

70300100 SHORT-TERM PAVEMENT MARKING (ST)

FOOT	LOCATION		
680	134+70	- 143+20, LT & REAR MARKING - WHITE	4 APPL.
680	134+70	- 143+20, LT & RTURN LANE - YELLOW	4 APPL.
37	142+83	- 143+20, RT DOTTED LANE LINE - WHITE	4 APPL.
1397	TOTAL		

70300210 TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

SQ. FT.	LOCATION	
93.6	135+10, 4.5' RT	2 LEFT TURN ARROWS, 3 APPL.
93.6	136+60, 3.0' RT	2 LEFT TURN ARROWS, 3 APPL.
93.6	138+10, 1.0' RT	2 LEFT TURN ARROWS, 3 APPL.
93.6	139+60, CL	2 LEFT TURN ARROWS, 3 APPL.
93.6	142+35, CL	2 LEFT TURN ARROWS, 3 APPL.
46.8	143+80, CL	LEFT TURN ARROW, 3 APPL.
46.8	145+56, CL	LEFT TURN ARROW, 3 APPL.
46.8	142+35, CL	LEFT TURN ARROW, 3 APPL.
608.4	TOTAL	

70300220 TEMPORARY PAVEMENT MARKING - LINE 4" (TP)

FOOT	LOCATION	
660	134+70, 11' LT	- 143+20, 15.5' LT LANE LINE - DASHED WHITE
660	134+70, 21' RT	- 143+20, 16' RT LANE LINE - DASHED WHITE
2439	134+70, CL	- 142+83, 5.3' LT EDGELINE - SOLID YELLOW
2439	134+70, 10' RT	- 142+83, 5.2' RT EDGELINE - SOLID YELLOW
630	134+70, 1.0' RT	- 143+83, 4.3' LT TURN LANE - DASHED YELLOW
630	134+70, 9.0' RT	- 142+83, 4.2' RT TURN LANE - DASHED YELLOW
222	142+83, 5.2' RT	- 143+20, CL TURN LANE - DOUBLE SOLID YELLOW
222	142+83, 5.4' LT	- 143+20, 5.3' LT CENTERLINE - DOUBLE SOLID YELLOW
654	143+20, 5.3' LT	- 144+29, 5.3' LT CENTERLINE - DOUBLE SOLID YELLOW
360	143+20, CL	- 143+80, 5.3' LT TURN LANE - DOUBLE SOLID YELLOW
75	143+20, 16.5' LT	- 144+27, 16.5' LT LANE LINE - DASHED WHITE
75	143+20, 16.5' RT	- 144+27, 16.5' RT LANE LINE - DASHED WHITE
240	145+25, 16.5' LT	- 148+40, 16.5' LT LANE LINE - DASHED WHITE
240	145+25, 16.5' RT	- 148+40, 16.5' RT LANE LINE - DASHED WHITE
1956	145+23, 5.5' RT	- 148+40, 3' LT CENTERLINE - DOUBLE SOLID YELLOW
1110	146+52, 5.5' RT	- 148+36, 5.5' LT TURN LANE - DOUBLE SOLID YELLOW

STAGE 1

190	134+21	- 135+87.5	WHITE
331	135+87.5	- 139+17.5	WHITE
670	135+87.5	- 139+75	YELLOW
566	139+17.5	- 142+00	WHITE
566	139+17.5	- 142+00	YELLOW
184	142+00	- 143+83	WHITE
382	142+00	- 143+83	YELLOW
43	143+83	- 144+25	WHITE
66	143+83	- 144+25	YELLOW
54	144+25	- 144+56	WHITE

STAGE 2

70	134+00	- 134+70	WHITE
331	134+70	- 138+00	WHITE
331	134+70	- 18+00	YELLOW
201	138+00	- 140+00	WHITE
404	138+00	- 140+00	YELLOW
92	140+00	- 142+82.5	WHITE
565	140+00	- 142+82.5	YELLOW
143	142+82.5	- 144+25	YELLOW
17,801	TOTAL		

70300240 TEMPORARY PAVEMENT MARKING - LINE 6"

FOOT	LOCATION	
141	143+80, 5.5' RT	- 144+27, 5.5' RT TURN LANE - SOLID WHITE
165	144+34, 27' RT	- 144+35, 28' LT CROSSWALK - SOLID WHITE
171	144+40, 27' RT	- 144+41, 30' LT CROSSWALK - SOLID WHITE
207	144+40, 27' RT	- 145+09, 27' RT CROSSWALK - SOLID WHITE
180	144+48, 33' RT	- 145+08, 33' RT CROSSWALK - SOLID WHITE
99	144+53, 41' LT	- 144+86, 45' LT CROSSWALK - SOLID WHITE
87	144+56, 48' LT	- 144+84, 51' LT CROSSWALK - SOLID WHITE
162	145+09, 27' RT	- 145+13, 27' LT CROSSWALK - SOLID WHITE
165	145+15, 28' RT	- 145+19, 27' LT CROSSWALK - SOLID WHITE
381	145+25, 5.5' LT	- 146+52, 5.5' LT TURN LANE - SOLID WHITE
1758	TOTAL	

70300260 TEMPORARY PAVEMENT MARKING - LINE 12"

FOOT	LOCATION	
324	144+34, 27' RT	- 144+35, 28' LT CROSSWALK BARS - WHITE
360	144+48, 33' RT	- 145+08, 33' RT CROSSWALK BARS - WHITE
180	144+56, 48' LT	- 144+84, 51' LT CROSSWALK BARS - WHITE
324	145+09, 27' RT	- 145+13, 27' LT CROSSWALK BARS - WHITE
252	146+93	- 148+33 TURN LANE DIAGONALS - YELLOW
1440	TOTAL	

70300280 TEMPORARY PAVEMENT MARKING - LINE 24"

FOOT	LOCATION	
96	144+29, 5' LT	- 144+29, 27' RT STOP BAR - WHITE
96	145+23, 5' RT	- 145+23, 27' LT STOP BAR - WHITE
192	TOTAL	

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

STAGE	SQ. FT.	LOCATION
STAGE I	220	135+87.5 - 139+17.5
	378	139+17.5 - 142+00
	165	142+00 - 143+65
	24	143+65 - 144+47
	85	145+10 - 147+65
STAGE II	220	134+70 - 138+00
	200	138+00 - 140+00
	189	140+00 - 142+82.5
	48	142+82.5 - 144+03
	62	145+10 - 146+03
	79	146+00 - 148+35
	1670	TOTAL

70400100 TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	
300	139+00	- 142+00
300	TOTAL	

70400200 RELOCATE TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	
200	140+00	- 142+00
200	TOTAL	

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SQ. FT.	LOCATION	
31.2	135+10, 4.5' RT	2 LEFT TURN ARROWS
31.2	136+60, 3.0' RT	2 LEFT TURN ARROWS
31.2	138+10, 1.0' RT	2 LEFT TURN ARROWS
31.2	139+60, CL	2 LEFT TURN ARROWS
31.2	142+35, CL	2 LEFT TURN ARROWS
15.6	143+80, CL	LEFT TURN ARROW
15.6	145+56, CL	LEFT TURN ARROW
15.6	146+52, CL	LEFT TURN ARROW
202.8	TOTAL	

FILE DATE = 2/2/2007  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#  
 OPERATOR = #USER#

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06
IDOT REVISIONS	1/18/07
IDOT REVISIONS	2/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/24/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPECIFIED

COMPUTER FILE NO.  
 D10800CVR

PROJECT 05198  
 10/25/06-GSJ



# SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**X0323684 RELOCATE WATER VALVE**

EACH	LOCATION
1	142+78, 38' LT
1	TOTAL

**X0324886 CONDUIT INSTALLED, 1 1/4" DIA., NON-METALLIC**

FOOT	LOCATION
270	134+70, 27' LT - 137+40, 30' LT
270	137+40, 30' LT - 140+10, 32' LT.
28	140+10, 32' LT - SN 019-0044
12	SN 019-0044 - 141+65 - 32' LT
150	141+65, 32' LT - 143+15 - 32' LT
730	TOTAL

**X0930400 STORM SEWER WATER MAIN 12"**

FOOT	LOCATION
56	134+75 TO 135+33.3, 32.2' RT
80	135+33.3 TO 136+15.7, 31.1' RT
27	136+15.7 TO 136+43.9, 31.1' RT
74	136+43.9 TO 137+20, 29.75' RT
78	137+20 TO 138+00, 28.75' RT
68	138+00 TO 138+70, 27.5' RT
23	139+99 TO 140+24, 27.5' RT
6	139+99
3	141+70 TO 141+75, 23.5' RT
37	141+75 TO 142+15.04, 27.5' RT
3	142+15.04 RT
456	TOTAL

**X8730402 ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 12 PAIR**

FOOT	LOCATION
270	134+70, 27' LT - 137+40, 30' LT
270	137+40, 30' LT - 140+10, 32' LT.
28	140+10, 32' LT - SN 019-0044
118	SN 019-0044
12	SN 019-0044 - 141+65 - 32' LT
150	141+65, 32' LT - 143+15 - 32' LT
848	TOTAL

**XX004051 LIGHT POLE, ORNAMENTAL**

EACH	LOCATION
1	135+78.72, 42' LT
1	136+99.67, 42' LT
1	138+30.12, 42' LT
3	TOTAL

**XX004716 LUMINAIRE, METAL HALIDE, SPECIAL, TYPE III, 175 WATT**

EACH	LOCATION
2	135+78.72, 42' LT
2	136+99.67, 42' LT
2	138+30.12, 42' LT
6	TOTAL

**50800515 BAR SPLICERS**

EACH	LOCATION
21	140+59.60, 62' RT - 140+59.60, 62' LT
21	TOTAL

BIKE PATH

**Z0030250 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3**

EACH	LOCATION
1	138+77 - 139+00 (STAGE I)
1	142+00 - 142+23 (STAGE I)
2	TOTAL

**Z0030350 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3**

EACH	LOCATION
1	139+77 - 139+00 (STAGE II)
1	142+00 - 142+23 (STAGE II)
2	TOTAL

**Z0041700 PLUG EXISTING STORM SEWERS**

EACH	LOCATION
1	140+27, 17' LT
1	142+05, 14.19' LT
2	TOTAL

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06
IDOT REVISIONS	2/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/24/05

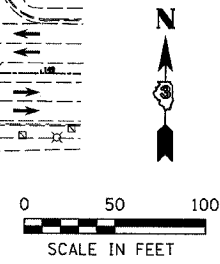
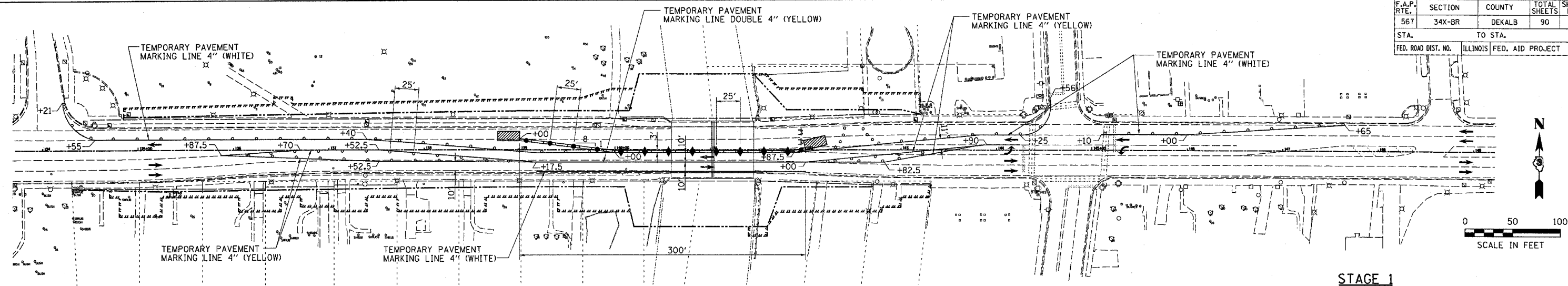
DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 REGISTERED PROFESSIONAL ENGINEERS  
 PROFESSIONAL ENGINEERING OFFICE  
 1001 W. WASHINGTON ST., SUITE 100  
 SPRINGFIELD, ILLINOIS 62761-1001  
 (217) 522-1234 FAX (217) 522-1235

COMPUTER FILE NO.  
 D10800CVR  
 PROJECT 05198  
 10/25/06-GSJ

PLOT DATE = 2/2/2007  
 FILE NAME = #FILEL#  
 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#  
 OPERATOR = #USERS#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

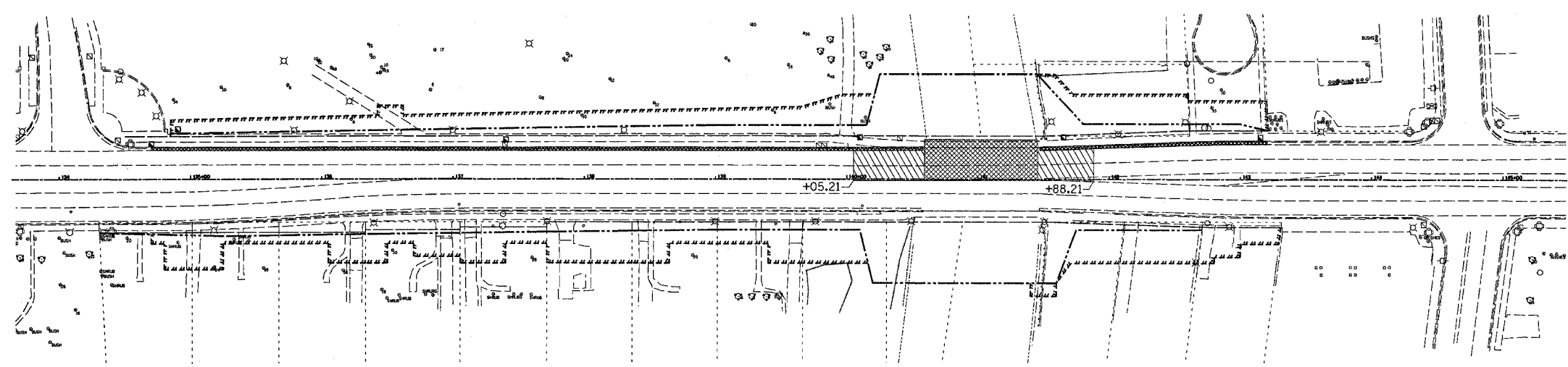


**STAGE 1  
SEQUENCE OF OPERATIONS**

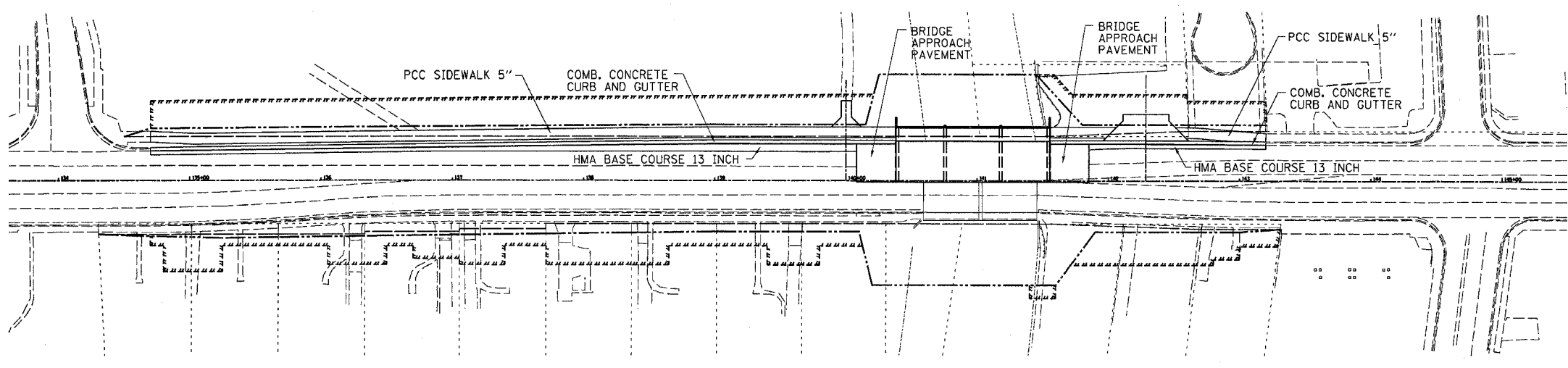
1. INSTALL ATTENUATOR BASES, ATTENUATORS AND TEMPORARY CONCRETE BARRIERS AS SHOWN. BEGIN OPERATING UNDER STAGE 1 TRAFFIC CONTROL CONDITIONS ACCORDING TO TRAFFIC CONTROL AND PROTECTION STANDARD 701606. ADD THREE ARROWBOARDS IN ACCORDANCE WITH STANDARD 701606. PLACE SIGNING IN ACCORDANCE WITH STANDARD 701606.
2. REMOVE NORTH HALF OF EXISTING STRUCTURE, EXISTING PAVEMENT, COMBINATION CONCRETE CURB AND GUTTER, INLETS, AND GUARDRAIL.
3. CONSTRUCT NORTH HALF OF PROPOSED STRUCTURE, BACKFILL, COMPACT, PERFORM PAVEMENT WIDENING, CONSTRUCT COMBINATION CONCRETE CURB AND INSTALL AND ADJUST INLETS AND MANHOLES, STORM SEWERS, SIDEWALKS AND DRIVEWAY PAVEMENT.

ALL TRAFFIC CONTROL DEVICES SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL PROTECTION STANDARD 701606 UNLESS SPECIFICALLY PAID FOR ELSEWHERE.

**TRAFFIC CONTROL**



**REMOVAL SCHEMATIC**



**CONSTRUCTION SCHEMATIC**

**LEGEND**

- STRUCTURE REMOVAL
- PAVEMENT REMOVAL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- EDGE DRUMS AT 25' CENTERS WITH STEADY BURNING LIGHTS
- TYPE C BIDIRECTIONAL REFLECTOR
- STEADY BURNING LIGHTS AND DOUBLE VERTICAL PANEL
- PROPOSED R.O.W. LINE
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY CONCRETE BARRIER

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STAGE 1 CONSTRUCTION**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 8/29/05

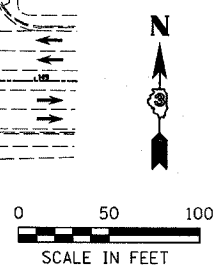
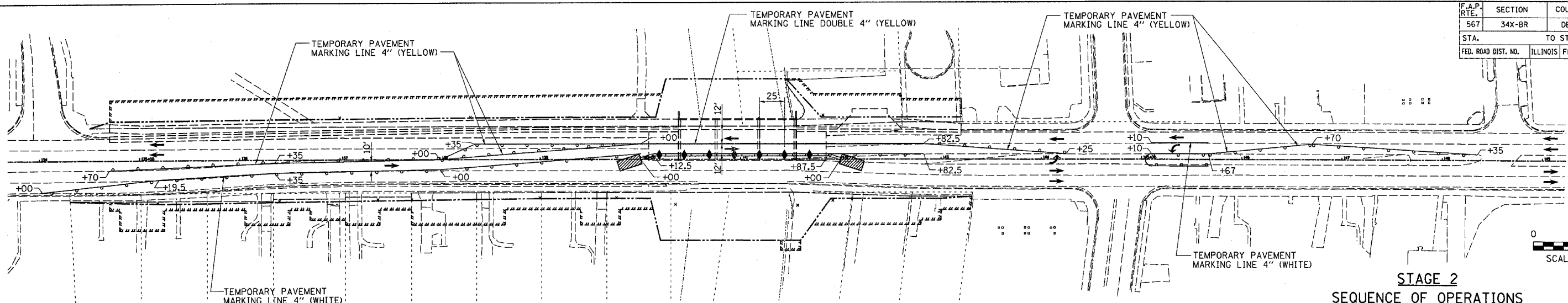
DRAWN BY: SUTHEARD  
CHECKED BY: BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-00000000  
PROJECT NO. 05198  
10/25/06-GSJ

**STAGE 1 CONSTRUCTION**

PLOT DATE: 12/15/2006  
FILE NAME: 05198-15  
SCALE: AS SHOWN  
REFERENCE: 05198-15  
OPERATOR: 05198-15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

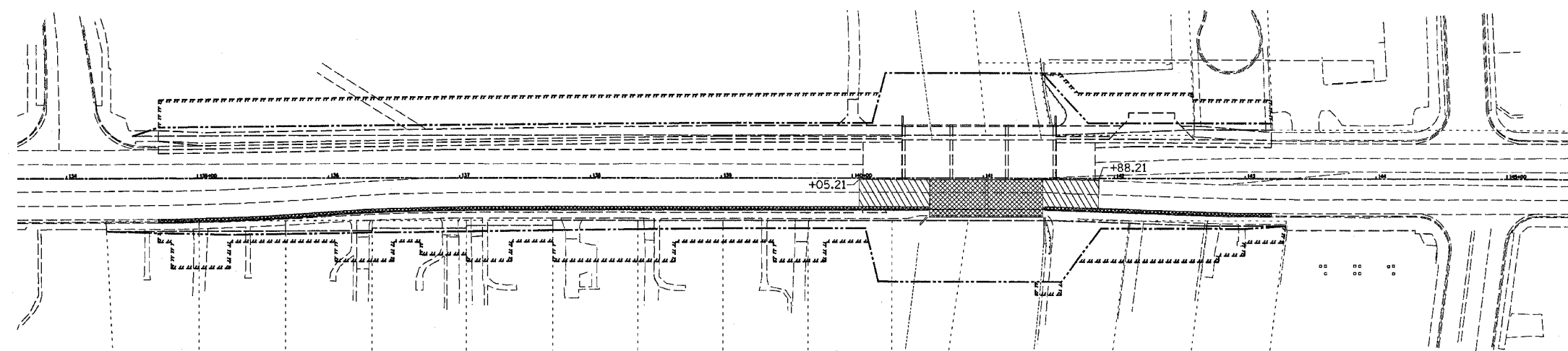


**TRAFFIC CONTROL**

**STAGE 2 SEQUENCE OF OPERATIONS**

1. INSTALL ATTENUATOR BASES, ATTENUATORS AND TEMPORARY CONCRETE BARRIERS AS SHOWN. BEGIN OPERATING UNDER STAGE 2 TRAFFIC CONDITIONS ACCORDING TO TRAFFIC CONTROL AND PROTECTION STANDARD 701606. ADD THREE ARROWBOARDS IN ACCORDANCE WITH STANDARD 701606. PLACE SIGNING IN ACCORDANCE WITH STANDARD 701606.
2. REMOVE SOUTH HALF OF EXISTING STRUCTURE, EXISTING PAVEMENT, COMBINATION CONCRETE CURB AND GUTTER, INLETS, SIDEWALKS, DRIVEWAY PAVEMENT AND GUARDRAIL.
3. CONSTRUCT SOUTH HALF OF PROPOSED STRUCTURE, BACKFILL, COMPACT, PAVEMENT WIDENING, COMBINATION CONCRETE CURB AND GUTTER, INLETS, MANHOLES, STORM SEWERS, SIDEWALKS, DRIVEWAY PAVEMENT AND GUARDRAIL.
4. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES, PERFORM ALL PAVEMENT MILLING OPERATIONS, PLACE POLYMERIZED LEVELING BINDER, POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STRIPING, FINISH GRADING AND SEEDING. ALL OF THIS WORK WILL BE DONE IN ACCORDANCE WITH STANDARD 701606.

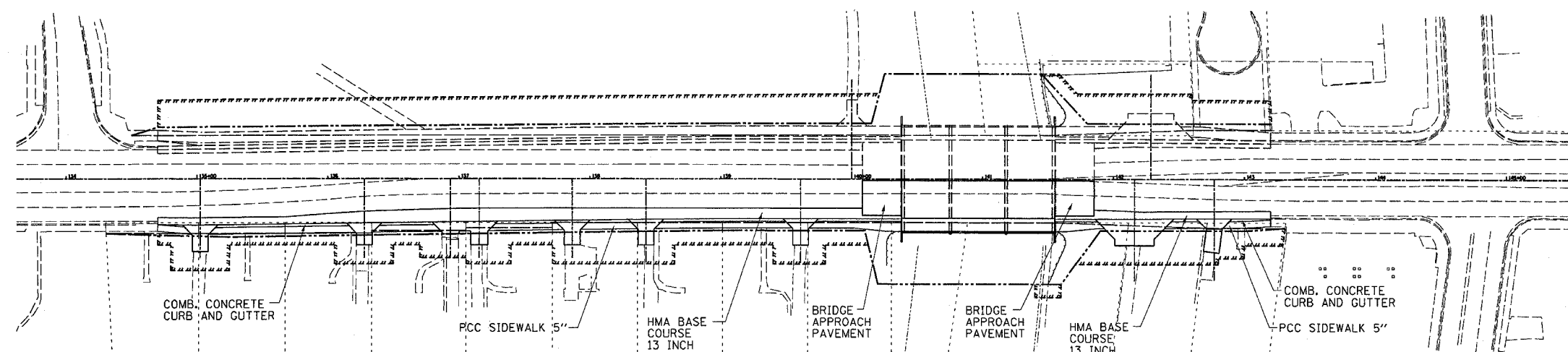
ALL TRAFFIC CONTROL DEVICES SHOWN ON THIS SHEET SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL PROTECTION STANDARD 701606 UNLESS SPECIFICALLY PAID FOR ELSEWHERE.



**REMOVAL SCHEMATIC**

**LEGEND**

- STRUCTURE REMOVAL
- PAVEMENT REMOVAL
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- EDGE DRUMS AT 25' CENTERS WITH STEADY BURNING LIGHTS
- TYPE C BIDIRECTIONAL REFLECTOR
- STEADY BURNING LIGHTS AND DOUBLE VERTICAL PANEL
- PROPOSED R.O.W. LINE
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY CONCRETE BARRIER



**CONSTRUCTION SCHEMATIC**

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06
IDOT REVISIONS	12/13/06

**ILLINOIS DEPARTMENT OF TRANSPORTATION STAGE 2 CONSTRUCTION**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. DATE: 8/29/05  
DRAWN BY: SUTHEARD  
CHECKED BY: BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
COMPUTER FILE NO. D10800STG  
PROJECT 05198  
10/25/06-GSJ

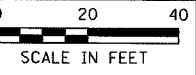
**STAGE 2 CONSTRUCTION**

PLOT DATE: 12/15/2006  
FILE NAME: 05198.DWG  
PLOTTER: HP PLOTTER  
OPERATOR: J. BUSER





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	18
STA. 138+00		TO STA. 144+00		
ILLINOIS FED. AID PROJECT				



**LASALLE TRUST**  
B7711787801



DESIGN	DATE	REASON

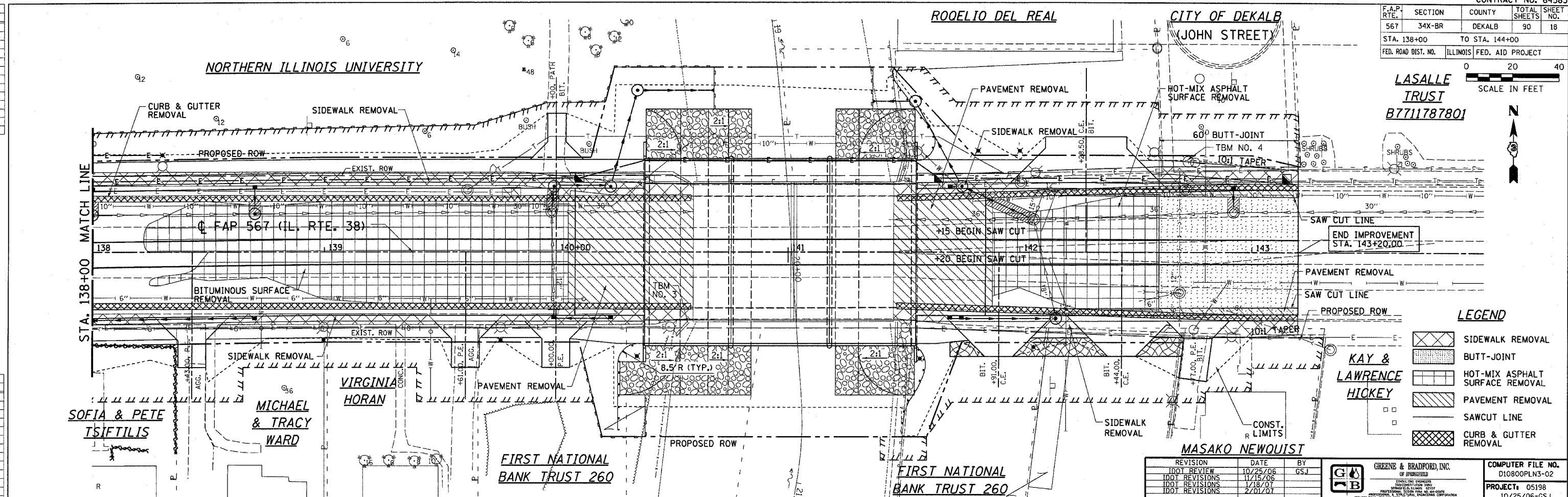
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PLOTS & CHECKS	INT. DATE	NO.	REASON

DATE	BY	REASON

CHECKS	INT. DATE	REASON

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 OPERATOR = \$USERS\$

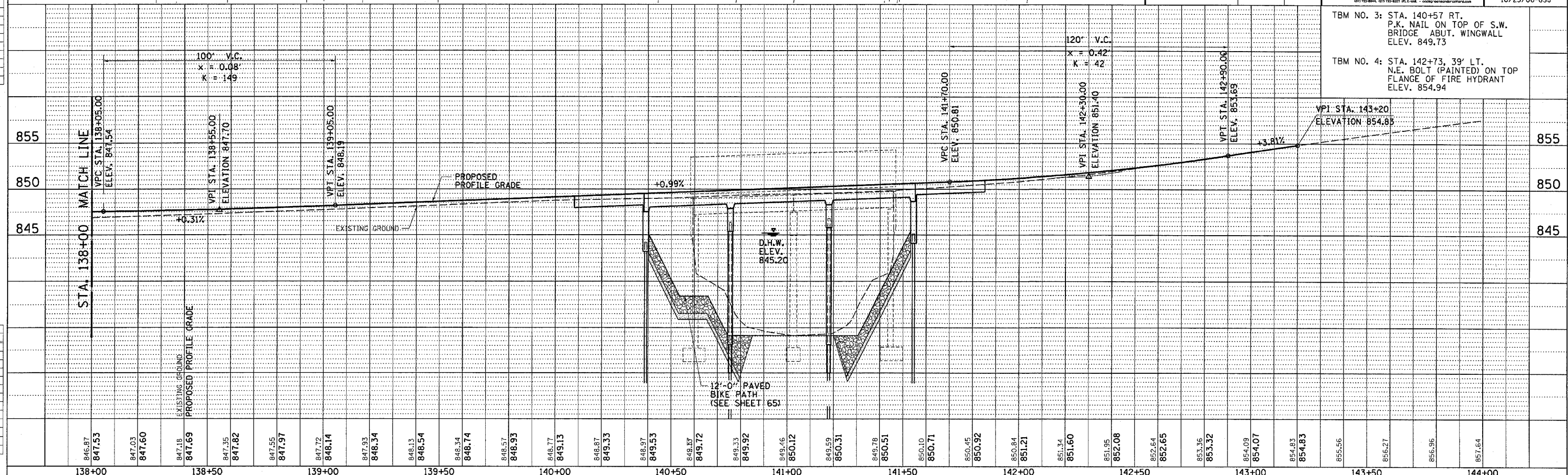


**LEGEND**

	SIDEWALK REMOVAL
	BUTT-JOINT
	HOT-MIX ASPHALT SURFACE REMOVAL
	PAVEMENT REMOVAL
	SAWCUT LINE
	CURB & GUTTER REMOVAL

REVISION	DATE	BY
DOT REVIEW	10/25/06	GSJ
DOT REVISIONS	11/15/06	
DOT REVISIONS	1/18/07	
DOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 COMPUTER FILE NO. D10800PLN3-02  
 PROJECT: 05198  
 10/25/06-GSJ



TBM NO. 3: STA. 140+57 RT. P.K. NAIL ON TOP OF S.W. BRIDGE ABUT. WINGWALL ELEV. 849.73  
 TBM NO. 4: STA. 142+73, 39' LT. N.E. BOLT (PAINTED) ON TOP FLANGE OF FIRE HYDRANT ELEV. 854.94

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	19
STA. 132+00		TO STA. 138+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

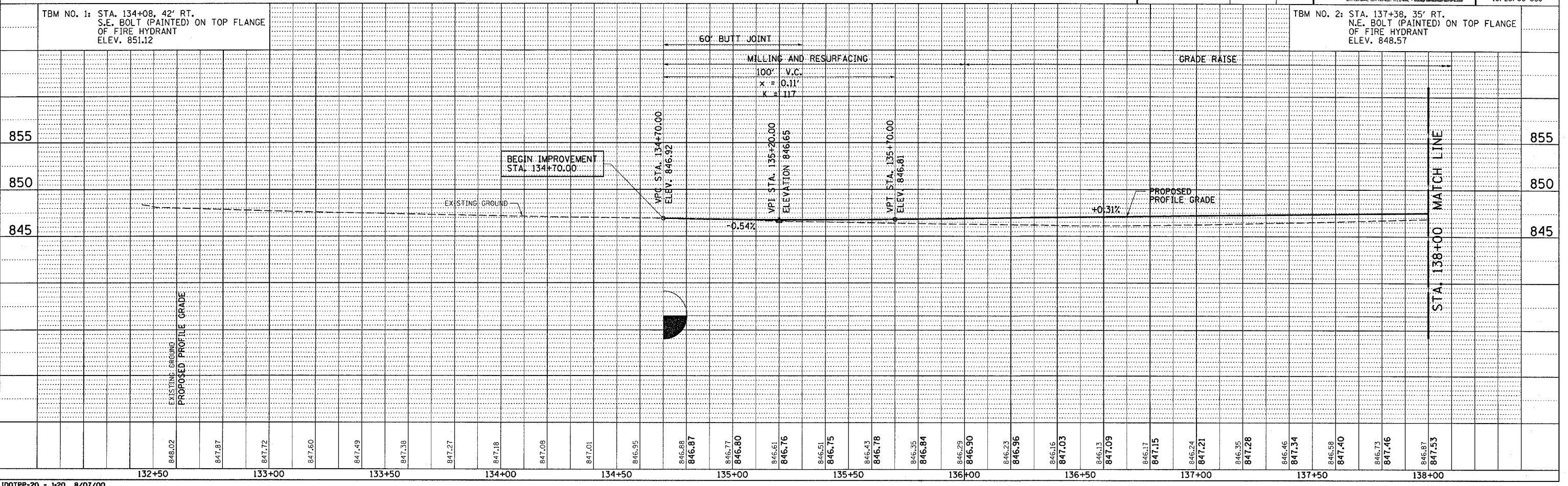
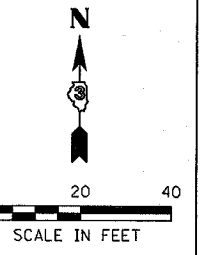
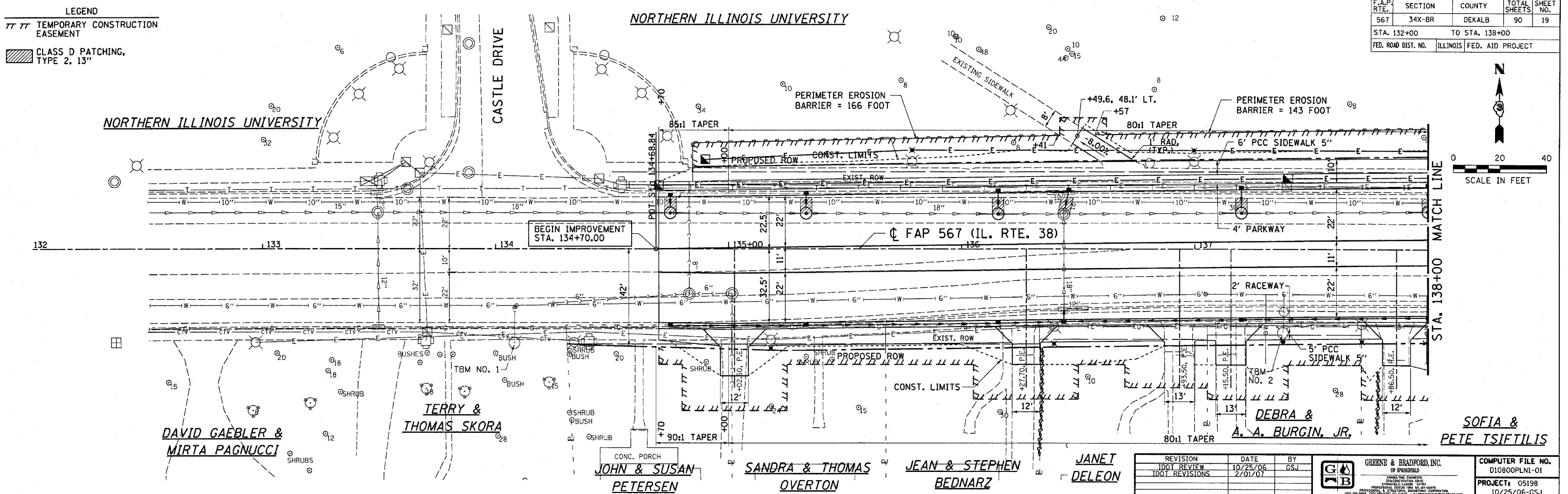
DESIGN	INT.	DATE	REASON

PL AN	DATE	BY

PL OTS & C H E C K S	INT.	DATE	NO.	REASON

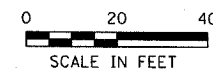
PRO F I L E	DATE	BY

C H E C K S	INT.	DATE	REASON





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	20
STA. 138+00		TO STA. 144+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DESIGN

INT. DATE	REASON

PLANNING

DATE	BY	REASON

PLOTS & CHECKS

INT. DATE	NO.	REASON

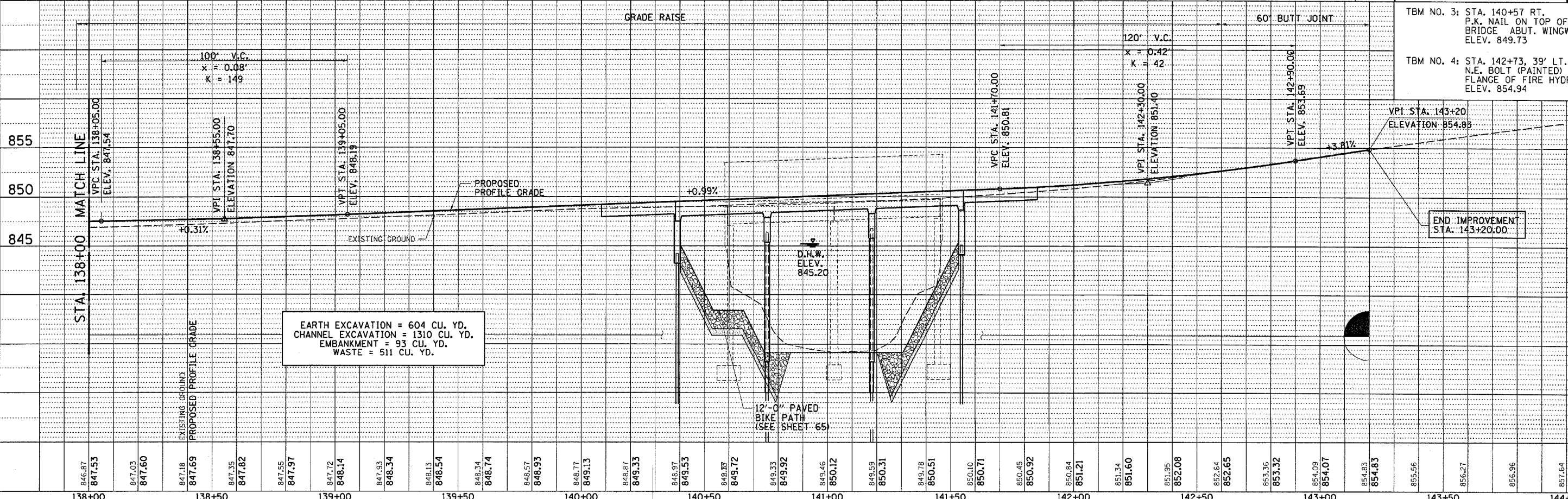
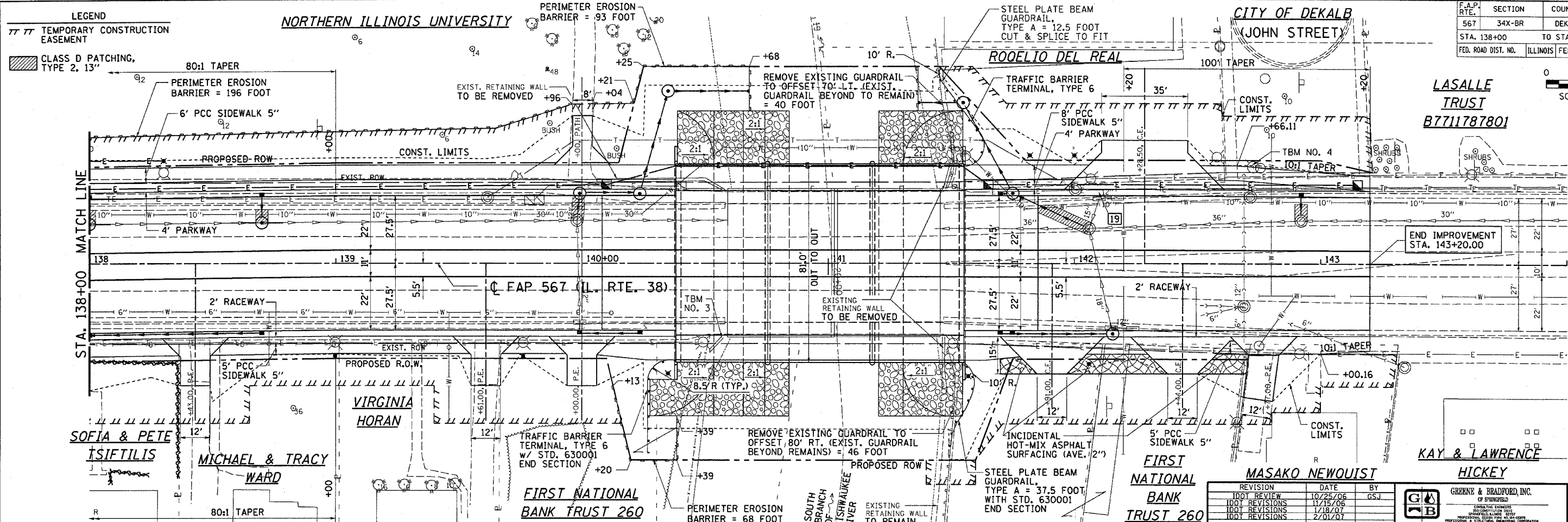
PROFILES

DATE	BY	REASON

CHECKS

INT. DATE	REASON

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 PLOT TIME = 8:15:00  
 PLOT BY = @USER\$



TBM NO. 3: STA. 140+57 RT. P.K. NAIL ON TOP OF S.W. BRIDGE ABUT. WINGWALL ELEV. 849.73

TBM NO. 4: STA. 142+73, 39' LT. N.E. BOLT (PAINTED) ON TOP FLANGE OF FIRE HYDRANT ELEV. 854.94

REVISION	DATE	BY
100% REVIEW	10/25/06	GSJ
100% REVISIONS	11/15/06	
100% REVISIONS	1/18/07	
100% REVISIONS	2/01/07	

GREENE & BRADFORD, INC.  
 COMPUTER FILE NO. 010800PLN1-02  
 PROJECT: 05198  
 10/25/06-GSJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	21

STA. 132+00	TO STA. 138+00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

DESIGN	DATE	REASON

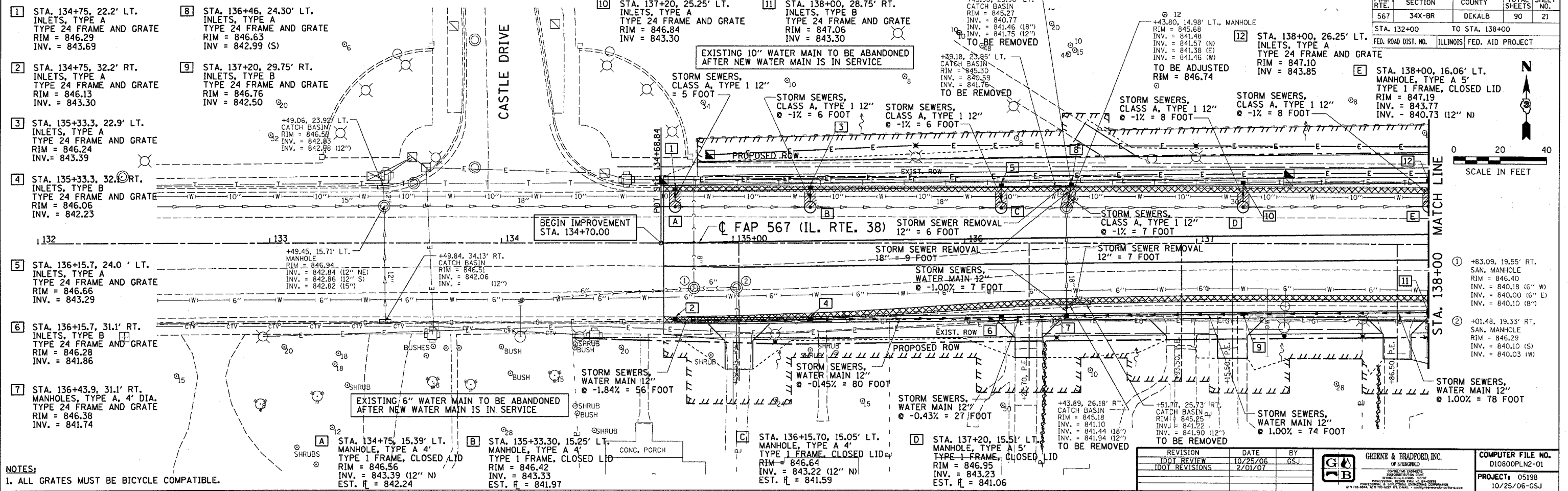
DATE	BY	REVISION

PLOTS & CHECKS	DATE	NO.	REASON

DATE	BY	REVISION

CHECKS	DATE	REASON

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 PLOT TIME = 11:58 AM  
 OPERATOR = GSJ

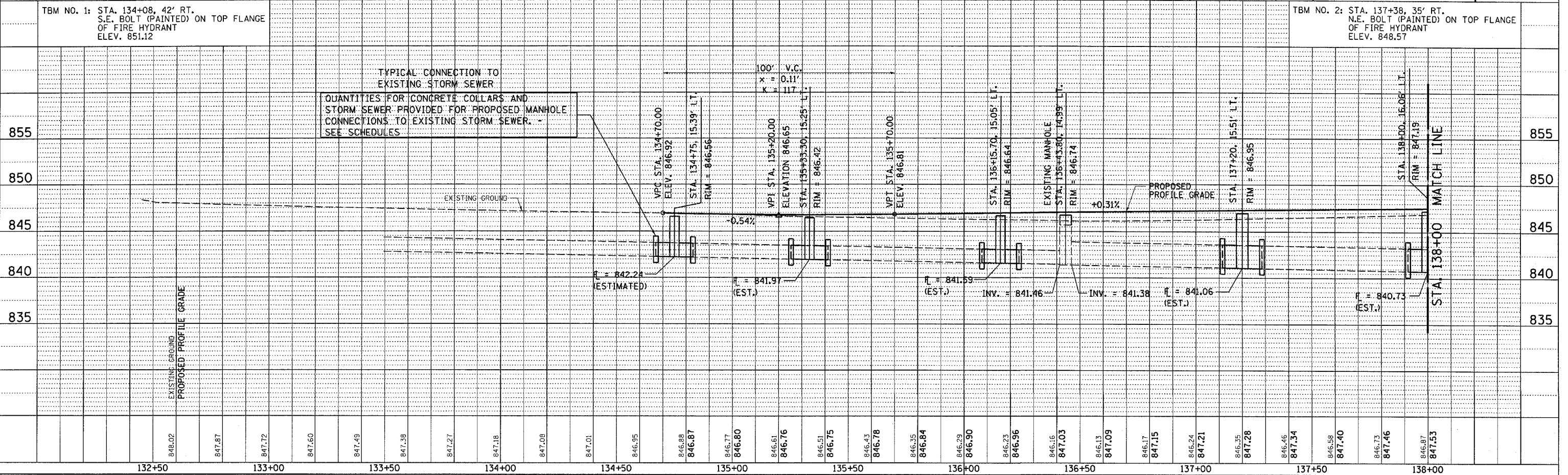


NOTES:  
 1. ALL GRATES MUST BE BICYCLE COMPATIBLE.

REVISION	DATE	BY
1. DOT REVIEW	10/25/06	GSJ
2. DOT REVISIONS	2/01/07	GSJ



COMPUTER FILE NO. D10800PLN2-01
PROJECT: 05198
10/25/06-GSJ









F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	23
STA. 132+00		TO STA. 138+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**  
 // // TEMPORARY CONSTRUCTION EASEMENT

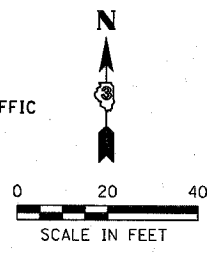
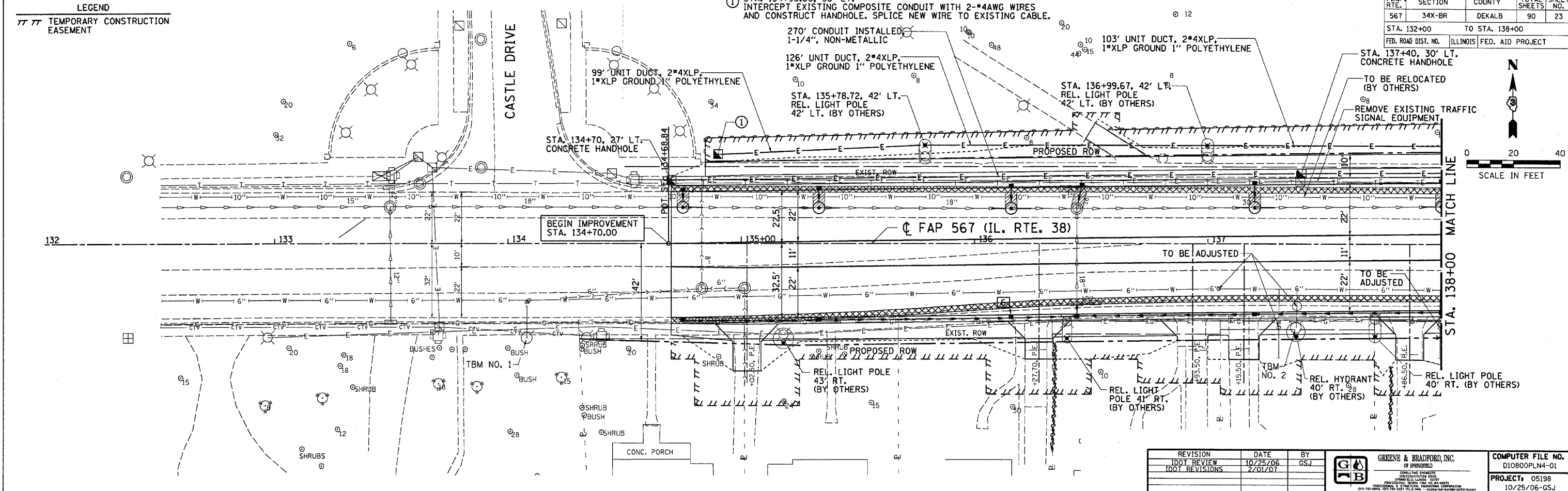
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PLAN	DATE	BY

PLOTS & CHECKS	INT.	DATE	NO.	REASON

PROFILE	DATE	BY

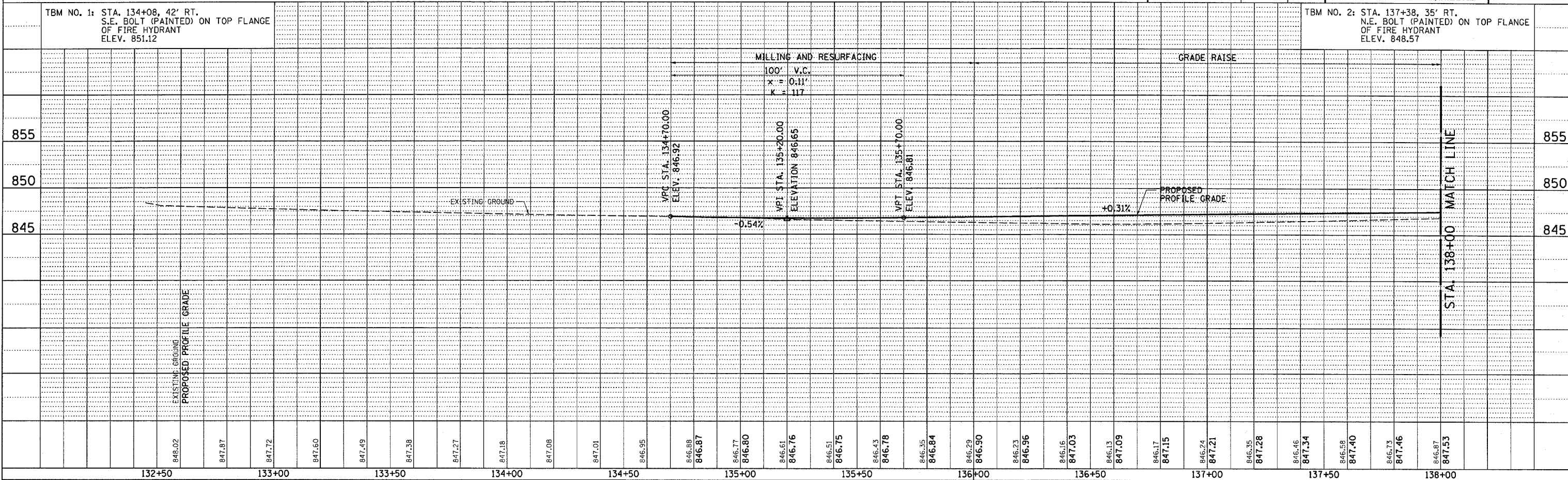
CHECKS	INT.	DATE	REASON



REVISION	DATE	BY

**GREENE & BRADFORD, INC.**  
 OF SPONSORED ENGINEERS  
 1025 S. WASHINGTON ST., DEKALB, ILL. 62521  
 (618) 244-2878 FAX (618) 244-2879  
 www.greenesbradford.com

COMPUTER FILE NO. D10800PLN4-01  
 PROJECT: 05198  
 10/25/06-GSJ









**SURVEYOR'S STATEMENT**

**TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN**



TOTAL SHEETS	90
SHEET NO.	25



I, RICHARD TONELLATO, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FA ROUTE 567 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; AND THAT THE PLAT HEREON IS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OF THE DEPARTMENT'S DISTRICT POLICIES.



DATED 7-14-06  
 BY Richard Tonellato  
 RICHARD TONELLATO, ILLINOIS PROFESSIONAL LAND SURVEYOR \*035-002590 EXPIRES: 11/30/2006

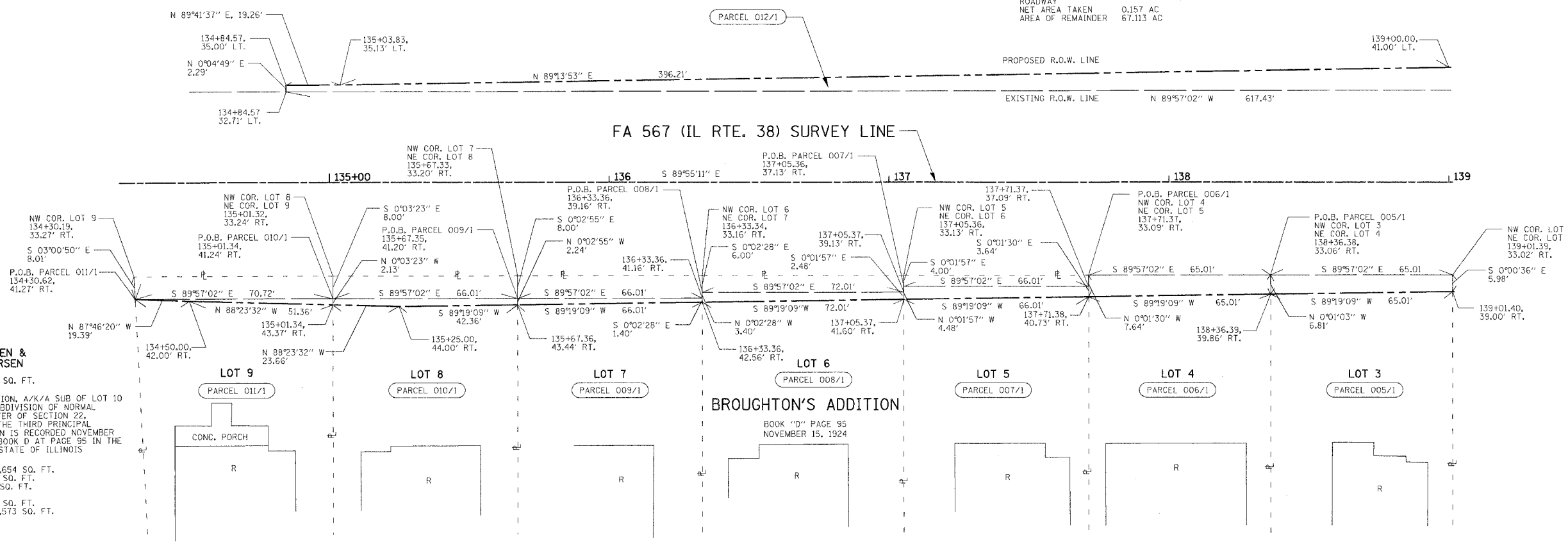
FOR THE PURPOSE OF THIS PLAT THE CENTERLINE OF FA 567 (IL RTE. 38) HAS BEEN ASSIGNED THE BEARING OF S 89°55'11" E

**NORTHERN ILLINOIS UNIVERSITY**

PARCEL 012/1 6,825 SQ. FT.

A PART OF THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, DEKALB COUNTY, STATE OF ILLINOIS.

TOTAL AREA	67,270 AC
AREA OF TAKING	0.157 AC
AREA IN EXISTING	0.000 AC
ROADWAY	
NET AREA TAKEN	0.157 AC
AREA OF REMAINDER	67.113 AC



**JOHN S. PETERSEN & SUSAN L. PETERSEN**  
 PARCEL 011/1 81 SQ. FT.  
 A PART OF LOT 9 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	24,654 SQ. FT.
AREA OF TAKING	81 SQ. FT.
AREA IN EXISTING	0 SQ. FT.
ROADWAY	
NET AREA TAKEN	81 SQ. FT.
AREA OF REMAINDER	24,573 SQ. FT.

**THOMAS J. OVERTON & SANDRA L. OVERTON**  
 PARCEL 010/1 164 SQ. FT.  
 A PART OF LOT 8 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	26,944 SQ. FT.
AREA OF TAKING	164 SQ. FT.
AREA IN EXISTING	0 SQ. FT.
ROADWAY	
NET AREA TAKEN	164 SQ. FT.
AREA OF REMAINDER	26,780 SQ. FT.

**JEAN K. BEDNARZ & STEPHEN M. BEDNARZ**  
 PARCEL 009/1 120 SQ. FT.  
 A PART OF LOT 7 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	26,816 SQ. FT.
AREA OF TAKING	120 SQ. FT.
AREA IN EXISTING	0 SQ. FT.
ROADWAY	
NET AREA TAKEN	120 SQ. FT.
AREA OF REMAINDER	26,696 SQ. FT.

**FREDERICK C. HEUSCHEL II & JENNIFER DOUDEK**  
 PARCEL 008/1 212 SQ. FT.  
 A PART OF LOT 6 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	29,252 SQ. FT.
AREA OF TAKING	212 SQ. FT.
AREA IN EXISTING	0 SQ. FT.
ROADWAY	
NET AREA TAKEN	212 SQ. FT.
AREA OF REMAINDER	29,040 SQ. FT.

**A.A. BURGIN JR. & DEBRA L. BURGIN, TRUSTEES**  
 PARCEL 007/1 268 SQ. FT.  
 A PART OF LOT 5 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	26,813 SQ. FT.
AREA OF TAKING	268 SQ. FT.
AREA IN EXISTING	0 SQ. FT.
ROADWAY	
NET AREA TAKEN	268 SQ. FT.
AREA OF REMAINDER	26,545 SQ. FT.

**STEVEN C. LEVROUW & PATRICIA A. LEVROUW**  
 PARCEL 006/1 470 SQ. FT.  
 A PART OF LOT 4 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	39,986 SQ. FT.
AREA OF TAKING	470 SQ. FT.
AREA IN EXISTING	0 SQ. FT.
ROADWAY	
NET AREA TAKEN	470 SQ. FT.
AREA OF REMAINDER	39,516 SQ. FT.

**MICHAEL P. WARD & TRACEY L. WARD**  
 PARCEL 005/1 416 SQ. FT.  
 A PART OF LOT 3 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	12,973 SQ. FT.
AREA OF TAKING	416 SQ. FT.
AREA IN EXISTING	0 SQ. FT.
ROADWAY	
NET AREA TAKEN	416 SQ. FT.
AREA OF REMAINDER	12,557 SQ. FT.

**STATE OF ILLINOIS  
 RIGHT-OF-WAY PLAT**  
 FA 567 (IL RTE. 38) SEC. 34X-BR  
 COUNTY OF DEKALB  
 STA. 134+30 TO STA. 139+00  
 SHEET NUMBER: 1  
 SCALE 1 IN. = 20 FT.  
 DATE: SEPTEMBER 13, 2006  
 JOB NO. R-92-014-04  
 FILE NAME: RPLAN1.DGN-1

**SURVEYOR'S STATEMENT**

**TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN**



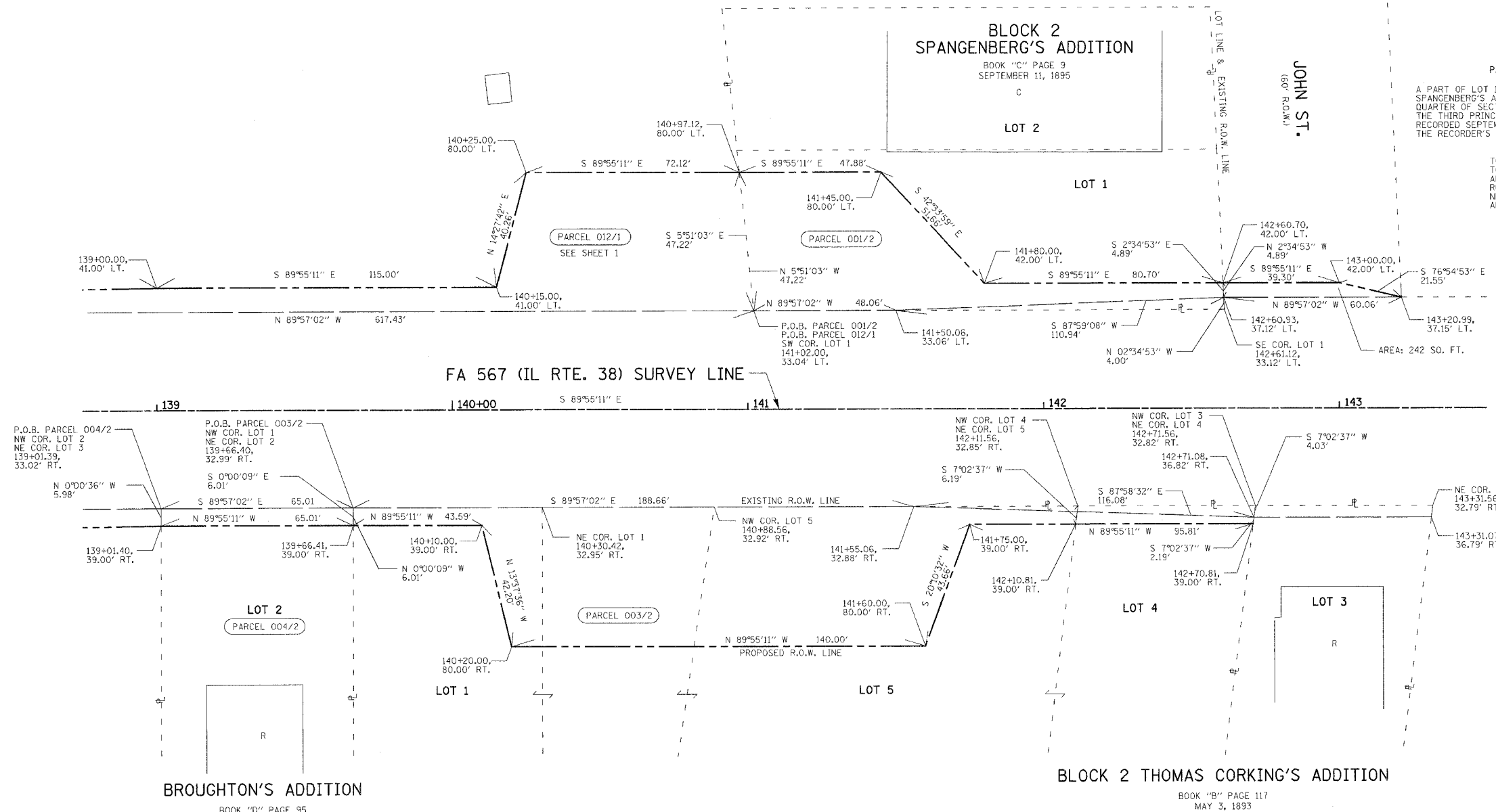
TOTAL SHEETS	90
SHEET NO.	26

I, RICHARD TONELLATO, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FA 567 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; AND THAT THE PLAT HEREON IS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OF THE DEPARTMENT'S DISTRICT POLICIES.



DATED 9-14-06  
 BY Richard Tonellato  
 RICHARD TONELLATO, ILLINOIS PROFESSIONAL LAND SURVEYOR #035-002590 EXPIRES: 11/30/2006

FOR THE PURPOSE OF THIS PLAT THE CENTERLINE OF FA 567 (IL RTE. 38) HAS BEEN ASSIGNED THE BEARING OF S 89°55'11" E



**ROGELIO DEL REAL**  
 PARCEL 001/2 3,609 SQ. FT.  
 A PART OF LOT 1 IN BLOCK 2 AS DESIGNATED UPON THE PLAT OF SPANGENBERG'S ADDITION, A SUBDIVISION OF THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID ADDITION IS RECORDED SEPTEMBER 11, 1895 IN BOOK C OF PLATS AT PAGE 9 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	16,392 SQ. FT.
TOTAL AREA DEDICATED	3,609 SQ. FT.
AREA IN EXISTING ROADWAY	0 SQ. FT.
NET AREA DEDICATED	3,609 SQ. FT.
AREA OF REMAINDER	16,392 SQ. FT.

P.O.B. PARCEL 004/2  
 NW COR. LOT 2  
 NE COR. LOT 3  
 139+01.39,  
 33.02' RT.

P.O.B. PARCEL 003/2  
 NW COR. LOT 1  
 NE COR. LOT 2  
 139+66.40,  
 32.99' RT.

NW COR. LOT 4  
 NE COR. LOT 5  
 142+11.56,  
 32.85' RT.

NW COR. LOT 3  
 NE COR. LOT 4  
 142+71.56,  
 32.82' RT.

NE COR. LOT 3  
 143+31.56,  
 32.79' RT.

**BROUGHTON'S ADDITION**  
 BOOK "D" PAGE 95  
 NOVEMBER 15, 1924

**FIRST NATIONAL BANK IN DEKALB TRUST NO. 260**  
 PARCEL 003/2 0.181 AC

**F. H. DEKALB INVESTORS II, LCC**  
 PARCEL 004/2 390 SQ. FT.

A PART OF LOT 2 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS.

A PART OF LOT 1 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION, THE PLAT OF SAID ADDITION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, AND A PART OF LOTS 4 & 5 IN BLOCK 2 AS DESIGNATED UPON THE PLAT OF THOMAS CORKING'S ADDITION, THE PLAT OF SAID ADDITION IS RECORDED MAY 3, 1893 IN BOOK B AT PAGE 117 IN SAID RECORDER'S OFFICE. ALL BEING PART OF THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, DEKALB COUNTY, STATE OF ILLINOIS

TOTAL AREA	26,102 SQ. FT.
AREA OF TAKING	390 SQ. FT.
AREA IN EXISTING ROADWAY	0 SQ. FT.
NET AREA TAKEN	390 SQ. FT.
AREA OF REMAINDER	25,712 SQ. FT.

TOTAL AREA	1.922 AC
AREA OF TAKING	0.181 AC
AREA IN EXISTING ROADWAY	0.000 AC
NET AREA TAKEN	0.181 AC
AREA OF REMAINDER	1.741 AC

**STATE OF ILLINOIS  
 RIGHT-OF-WAY PLAT**  
 FA 567 (IL RTE. 38) SEC. 34X-BR  
 COUNTY OF DEKALB  
 STA. 139+01 TO STA. 143+35  
 SHEET NUMBER: 2  
 SCALE 1 IN. = 20 FT.  
 DATE: SEPTEMBER 13, 2006  
 JOB NO. R-92-014-04  
 FILE NAME: RPLAN.DGN-2





**SURVEYOR'S STATEMENT**

**TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN**



I, RICHARD TONELLATO, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED F&P ROUTE 567 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; AND THAT THE PLAT HEREON IS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OF THE DEPARTMENT'S DISTRICT POLICIES.



DATED 9-14-06  
 BY Richard Tonellato  
 RICHARD TONELLATO, ILLINOIS PROFESSIONAL LAND SURVEYOR #035-002590 EXPIRES: 11/30/2006

FOR THE PURPOSE OF THIS PLAT THE CENTERLINE OF FA 567 (IL RTE. 38) HAS BEEN ASSIGNED THE BEARING OF S 89°55'11" E

TOTAL SHEETS	90
SHEETS NO.	28



**ROGELIO DEL REAL**

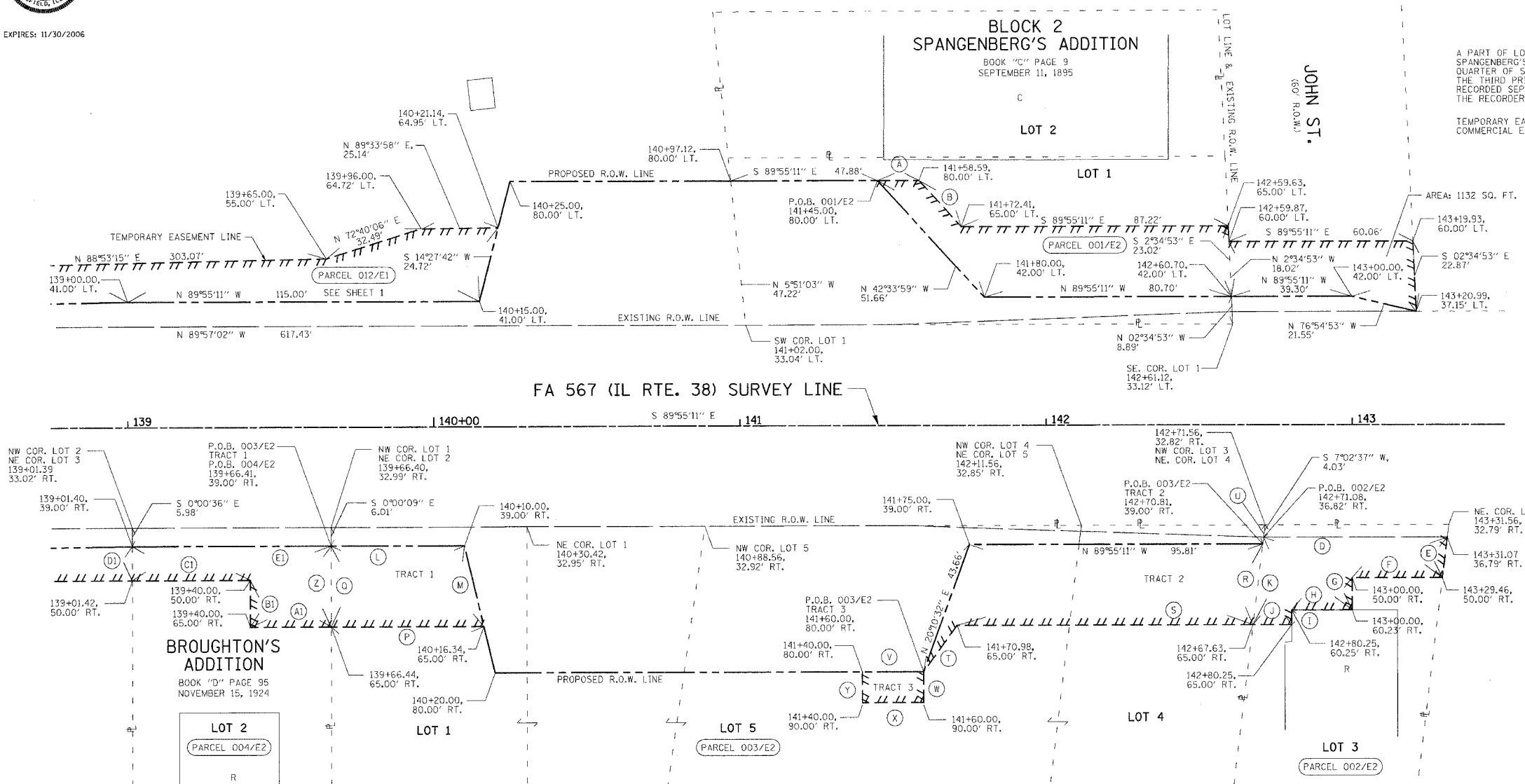
PARCEL 001/E2 2,291 SQ. FT.

A PART OF LOT 1 IN BLOCK 2 AS DESIGNATED UPON THE PLAT OF SPANGENBERG'S ADDITION, A SUBDIVISION OF THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID ADDITION IS RECORDED SEPTEMBER 11, 1895 IN BOOK C OF PLATS AT PAGE 9 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TEMPORARY EASEMENTS FOR CONSTRUCTING A COMMERCIAL ENTRANCE AND GRADING.

**LEGEND**

- (A) S 89°55'11" E 13.59'
- (B) S 42°33'59" E 20.39'



**F.H. DEKALB INVESTORS II, LLC**  
 PARCEL 004/E2 1,112 SQ. FT.

A PART OF LOT 2 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION IN THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID SUBDIVISION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS.

TEMPORARY EASEMENTS FOR CONSTRUCTING A PRIVATE ENTRANCE AND GRADING.

- LEGEND**
- (Z) S 0°00'09" E 26.00'
  - (A1) N 89°55'11" W 26.44'
  - (B1) N 0°04'49" E 15.00'
  - (C1) N 89°55'11" W 38.58'
  - (D1) N 0°00'36" W 11.00'
  - (E1) S 89°55'11" E 65.01'

**FIRST NATIONAL BANK IN DEKALB TRUST NO. 260**  
 PARCEL 003/E2 1,215 SQ. FT.  
 TRACT 1 2,615 SQ. FT.  
 TRACT 3 200 SQ. FT.

A PART OF LOT 1 IN BROUGHTON'S ADDITION, A/K/A SUB OF LOT 10 IN BROUGHTON'S ADDITION, BEING A RESUBDIVISION OF NORMAL PARK ADDITION, THE PLAT OF SAID ADDITION IS RECORDED NOVEMBER 15, 1924 AS DOCUMENT A88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, AND A PART OF LOTS 4 & 5 IN BLOCK 2 AS DESIGNATED UPON THE PLAT OF THOMAS CORKING'S ADDITION, THE PLAT OF SAID ADDITION IS RECORDED MAY 3, 1893 IN BOOK B AT PAGE 117 IN SAID RECORDER'S OFFICE, ALL BEING PART OF THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, DEKALB COUNTY, STATE OF ILLINOIS

TEMPORARY EASEMENTS FOR CONSTRUCTING COMMERCIAL AND PRIVATE ENTRANCES AND GRADING.

- |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| <b>TRACT 1 LEGEND</b>    | <b>TRACT 2 LEGEND</b>    | <b>TRACT 3 LEGEND</b>    |
| (L) S 89°55'11" E 43.59' | (R) S 7°02'37" W 26.19'  | (V) S 89°55'11" E 20.00' |
| (M) S 13°37'36" E 26.76' | (S) N 89°55'11" W 96.66' | (W) S 0°04'49" W 10.00'  |
| (P) N 89°55'11" W 49.90' | (T) S 36°16'25" W 18.59' | (X) N 89°55'11" W 20.00' |
| (O) N 0°00'09" W 26.00'  | (U) S 7°02'37" W 6.22'   | (Y) N 0°04'49" E 10.00'  |

**MASAKO S. NEWQUIST**  
 PARCEL 002/E2 1,169 SQ. FT.

A PART OF LOT 3 IN BLOCK 2 AS DESIGNATED UPON THE PLAT OF THOMAS CORKING'S ADDITION, A SUBDIVISION OF THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 40 NORTH, RANGE 4 EAST OF THE THIRD PRINCIPAL MERIDIAN, THE PLAT OF SAID ADDITION IS RECORDED MAY 3, 1893 IN BOOK B AT PAGE 117 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

TEMPORARY EASEMENTS FOR CONSTRUCTING A PRIVATE ENTRANCE AND GRADING.

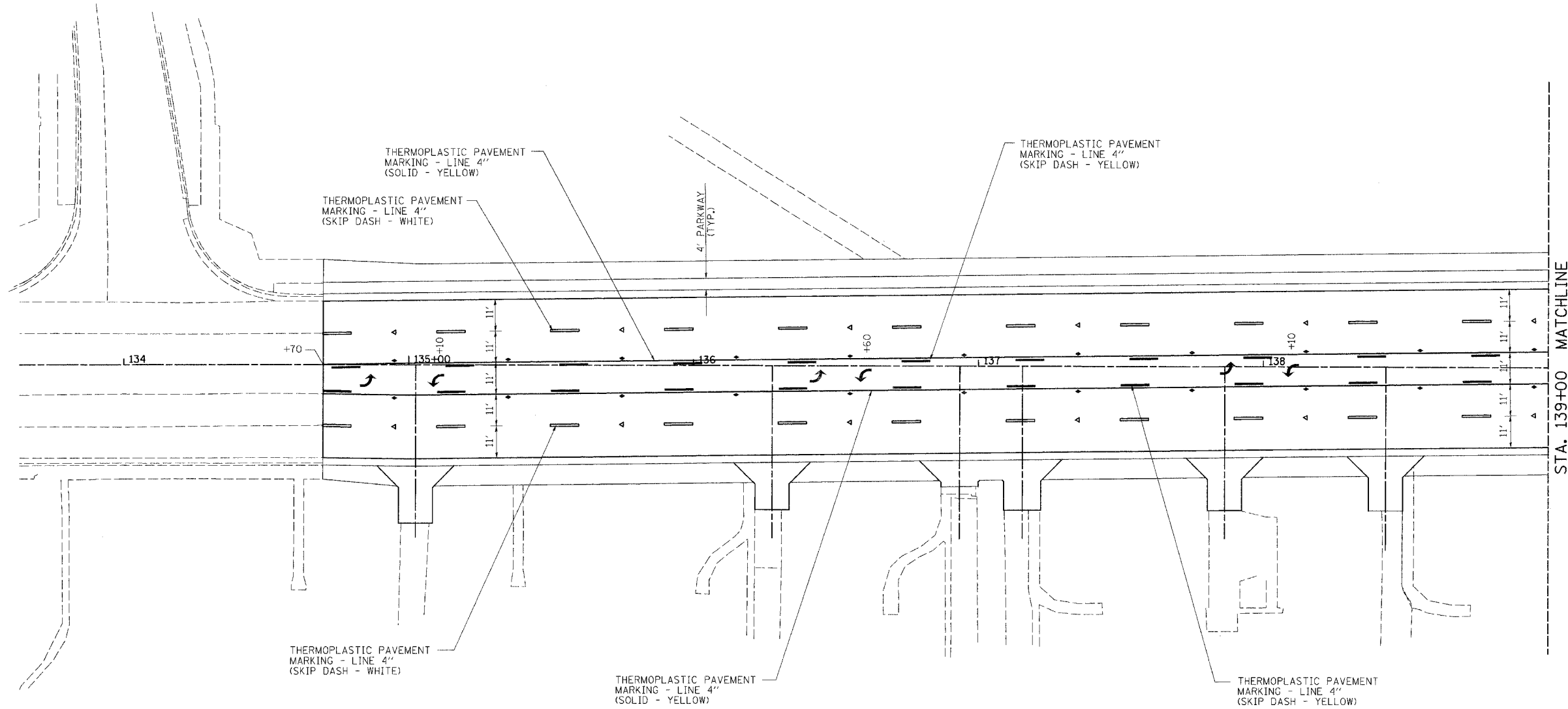
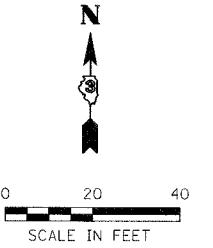
- LEGEND**
- (D) S 89°57'02" E 60.00'
  - (E) S 07°02'37" W 13.31'
  - (F) N 89°55'11" W 29.46'
  - (G) S 0°04'49" W 10.23'
  - (H) N 89°58'40" W 19.75'
  - (I) S 0°04'49" W 4.75'
  - (J) N 89°55'11" W 12.62'
  - (K) N 7°02'37" E 28.39'

**STATE OF ILLINOIS EASEMENT PLAT**

FA 567 (IL RTE. 38) SEC. 34X-BR  
 COUNTY OF DEKALB  
 STA. 138+75 TO STA. 143+00  
 SHEET NUMBER: E2  
 SCALE 1 IN. = 20 FT.  
 DATE: SEPTEMBER 13, 2006  
 JOB NO. R-92-014-04  
 FILE NAME: EPLAN1.DGN-2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	29
STA. 134+70		TO STA. 139+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# PAVEMENT MARKING PLAN



PLOT DATE = 10/17/05  
 FILE NAME = #FILEL8  
 PLOT SCALE = #SCALE8  
 REFERENCE = #REF8  
 OPERATOR = #USER8

NOTE: SEE SCHEDULE OF QUANTITIES FOR RAISED REFLECTIVE PAVEMENT MARKER QUANTITIES AND LOCATIONS

### LEGEND

- ◁ RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL - 1 WAY)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (AMBER - 2 WAY)
- ↩ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (LEFT TURN ARROW)

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/17/05

DRAWN BY SUTHEARD  
 CHECKED BY BOIT

COMPUTER FILE NO.  
 D10800PMK

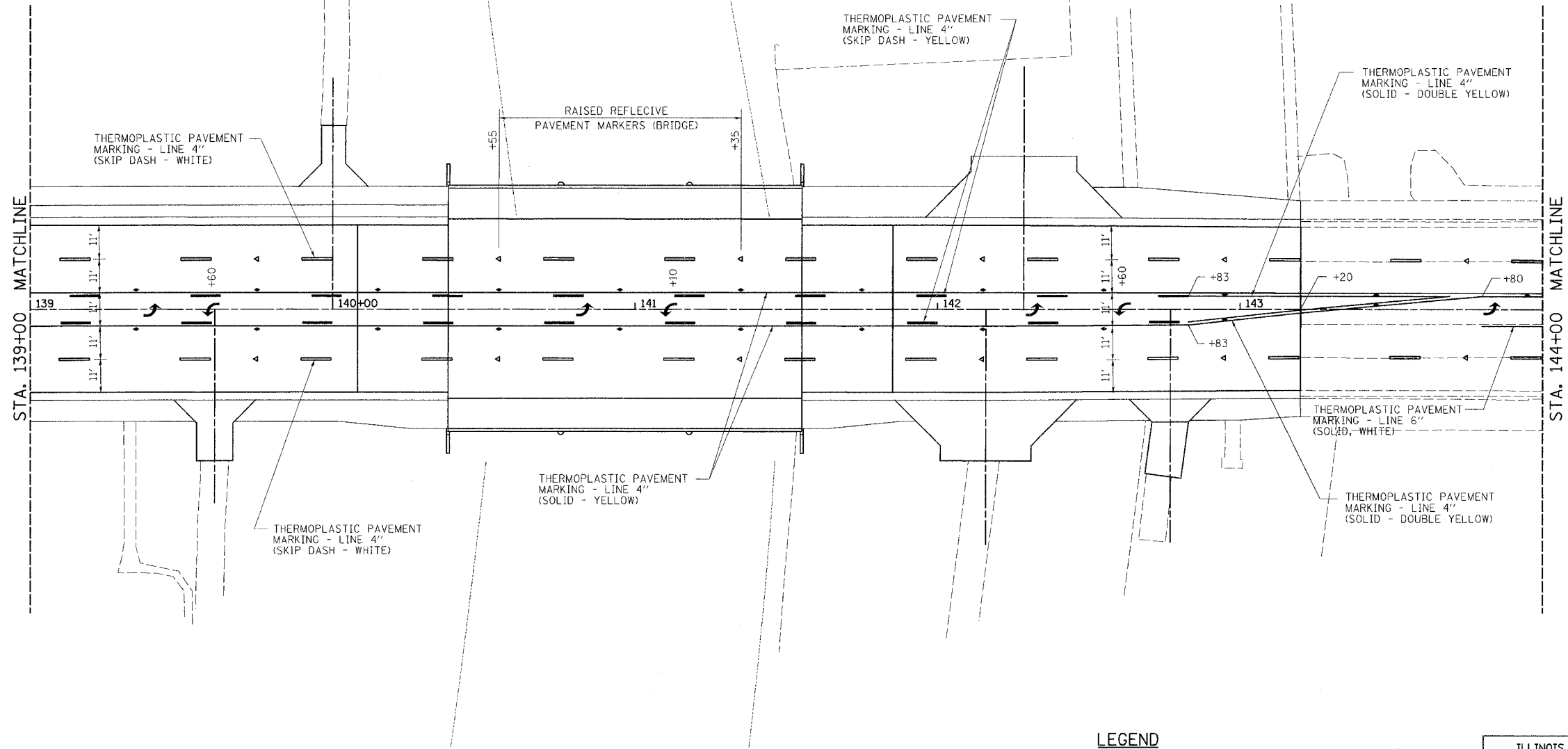
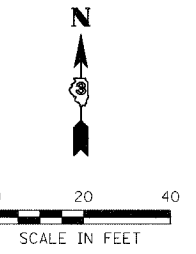
PROJECT 05198  
 10/25/06-05J

GREENE & BRADFORD, INC.  
 OF CHICAGO, ILL.  
REGISTERED PROFESSIONAL ENGINEERS  
 STATE OF ILLINOIS, LICENSE NO. 0217-0001  
 PROFESSIONAL ENGINEERS, P.C. INC.  
 REGISTERED PROFESSIONAL ENGINEERS  
 STATE OF ILLINOIS, LICENSE NO. 0217-0001

# PAVEMENT MARKING PLAN

CONTRACT NO. 64583

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	30
STA. 139+00		TO STA. 143+20		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE =  
FILE NAME =  
PLOT SCALE =  
REFERENCE =  
OPERATOR =

NOTE: SEE SCHEDULE OF QUANTITIES FOR RAISED REFLECTIVE PAVEMENT MARKER QUANTITIES AND LOCATIONS

### LEGEND

- ◁ RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL - 1 WAY)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (AMBER - 2 WAY)
- ↶ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (LEFT TURN ARROW)

REVISIONS	
NAME	DATE
100T REVIEW	10/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 10/17/05

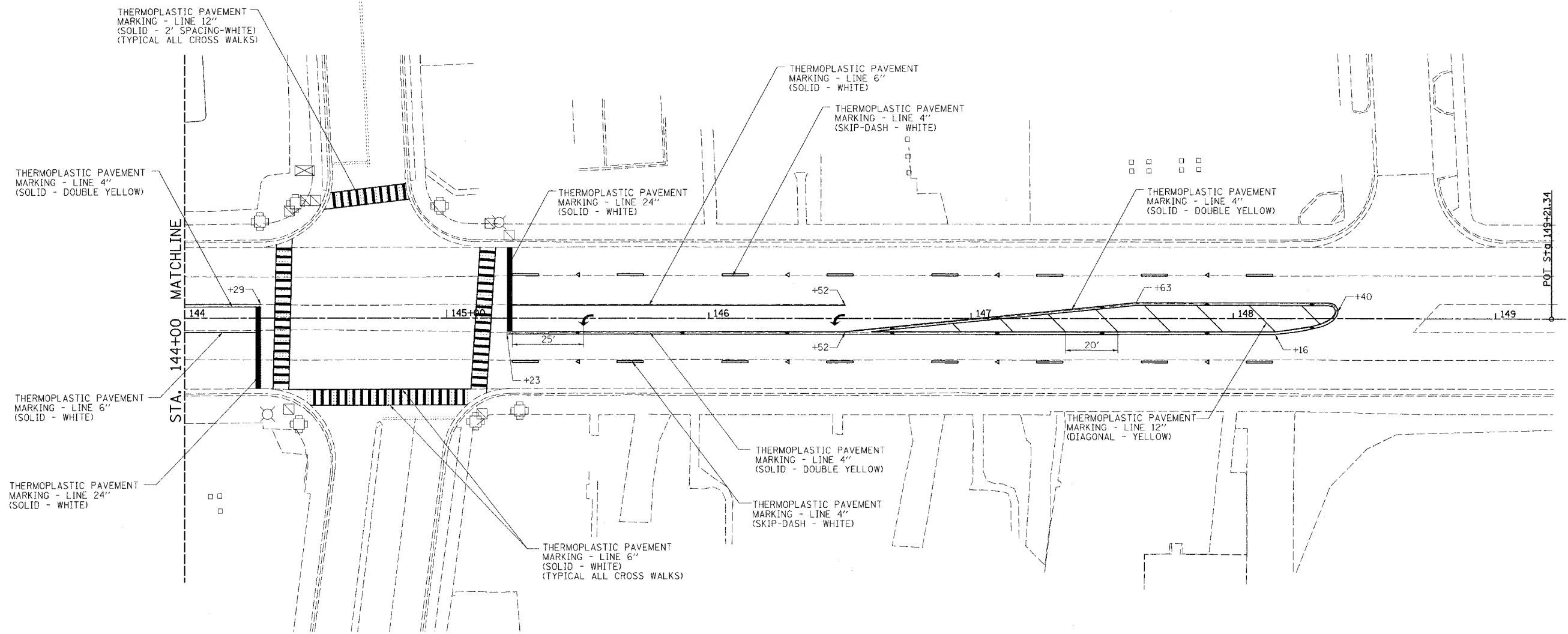
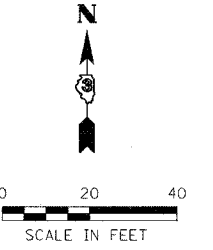
DRAWN BY SUTHEARD  
CHECKED BY BOTT

COMPUTER FILE NO. D10800PMK  
PROJECT 05198  
10/25/06-GSJ

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
INCORPORATED  
1001 W. BROADWAY, SUITE 100  
SPRINGFIELD, ILLINOIS 62761  
PROFESSIONAL ENGINEERING CORPORATION  
001 702 8004 020 702 6527 FAX 020 702 6528

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	31
STA. 139+00		TO STA. 143+20		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# PAVEMENT MARKING PLAN



NOTE: SEE SCHEDULE OF QUANTITIES FOR RAISED REFLECTIVE PAVEMENT MARKER QUANTITIES AND LOCATIONS.

EXISTING STOP BARS AND CROSSWALKS TO BE RE-STRIPED IN THEIR EXISTING LOCATIONS AND DIMENSIONS.

- LEGEND**
- ◁ RAISED REFLECTIVE PAVEMENT MARKER (CRYSTAL - 1 WAY)
  - ◆ RAISED REFLECTIVE PAVEMENT MARKER (AMBER - 2 WAY)
  - ↶ THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (LEFT TURN ARROW)

REVISIONS	
NAME	DATE
DOT REVIEW	10/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/17/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO.  
 D10800PMK

PROJECT 05198  
 10/25/06-GSJ

PLOT DATE = #DATES  
 FILE NAME = #FILES  
 PLOT SCALE = #SCALES  
 PLOT SIZE = #SIZES  
 OPERATOR = #USERS

Bench Mark: Metal rivet on S.E. Abutment Wingwall, right of Sta. 141+46.00, Elev. 850.08

Existing Structure: S.N. 019-0002 Built in 1947 as S.B.I. Rte. 6, Section 34-X-B and renovated in 1980 as F.A. Rte. 567, Section 34-X-BY. Structure consists of a 2-span continuous, RC Girder Bridge that has been widened with PPC deck beams, on closed abutments and solid piers. 86'-6" back-to-back abutments, 60'-0" out-to-out deck. Structure to be removed and replaced using stage construction to maintain one lane of traffic in each direction.

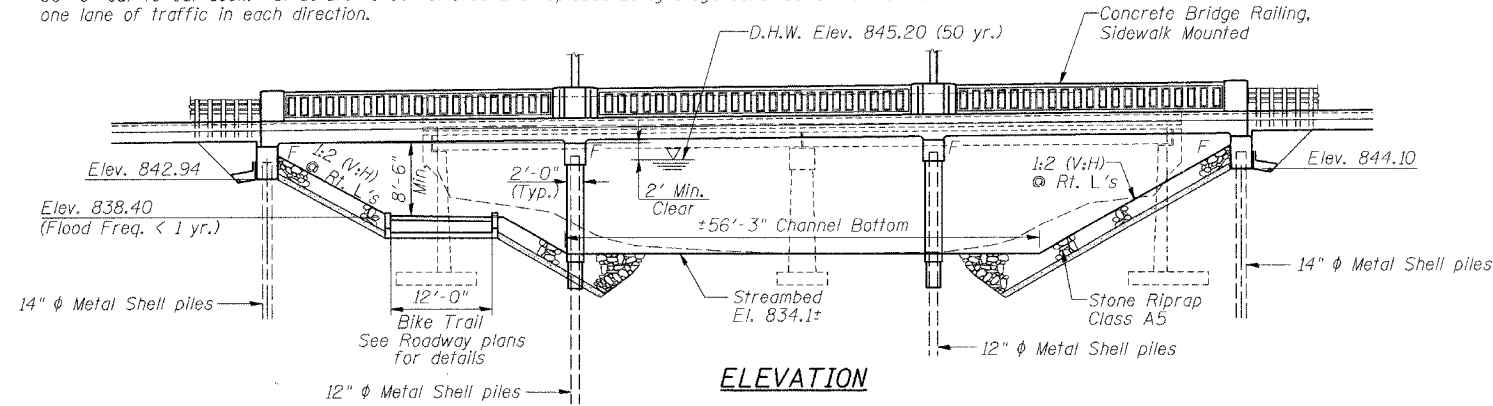
Salvage: None

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAU 567 (IL 38)	34-XBR	DEKALB	90	32
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 1  
14 SHEETS

Contract No. 64583



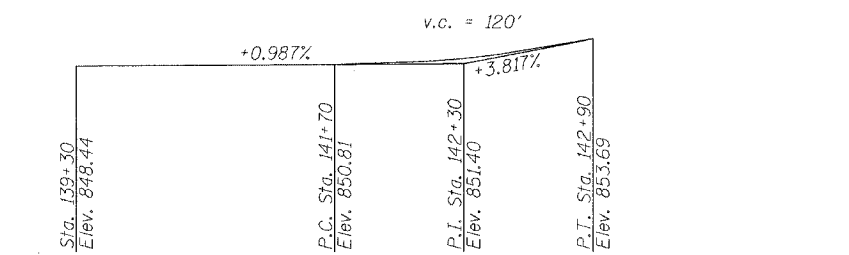
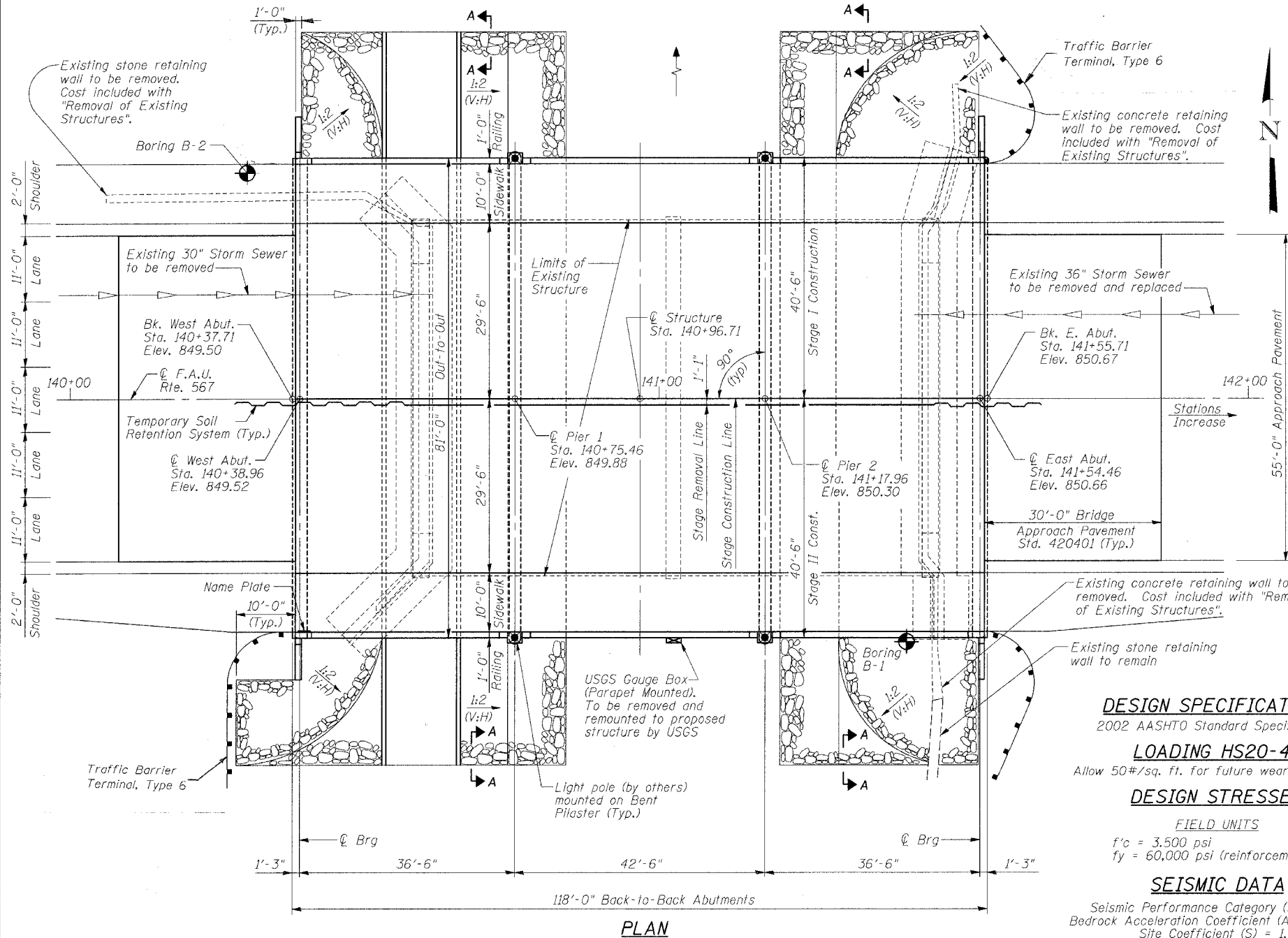
STATION 140+96.71  
BUILT 20\_\_ BY  
STATE OF ILLINOIS  
F.A.U. ROUTE 567 SEC. 34-XBR  
LOADING HS20  
STR. NO. 019-0044

NAME PLATE  
See Std. 515001

WATERWAY INFORMATION TABLE

Drainage Area = 77.70 sq. mi. Low Grade Elev. 846.13 @ Sta. 141+02.40

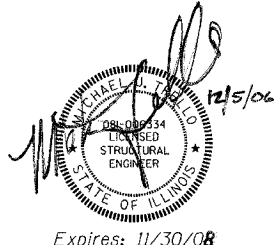
Flood	Freq. Yr.	Q CFS	Opening Sq. ft.		Nat. H.W.E.	Head - Ft.		Headwater Elev.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	10	1850	594	681	843.0	0.2	0.2	843.2	843.2
Design	50	2910	739	904	845.2	0.3	0.3	845.5	845.5
Base	100	3400	789	998	846.0	0.6	0.6	846.6	846.6
Overtopping	-	-	-	-	-	-	-	-	-
Max. Calc.	500	4186	872	1108	847.0	0.6	0.6	847.6	847.6



PROFILE GRADE  
(Along @ roadway)

APPROVED  
FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Johnson  
ENGINEER OF BRIDGES AND STRUCTURES



DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications

LOADING HS20-44

Allow 50#/#sq. ft. for future wearing surface.

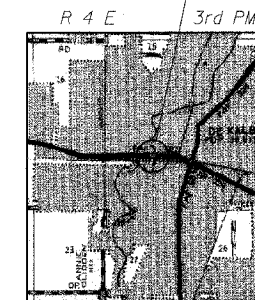
DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi  
fy = 60,000 psi (reinforcement)

SEISMIC DATA

Seismic Performance Category (SPC) = A  
Bedrock Acceleration Coefficient (A) = 0.036 g  
Site Coefficient (S) = 1.2



LOCATION MAP

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
GENERAL PLAN AND ELEVATION

F.A.U. ROUTE 567 (IL 38) OVER  
SOUTH BRANCH OF THE KISHWAUKEE RIVER  
DEKALB COUNTY - SEC. 34-XBR  
STA. 140+96.71  
S.N. 019-0044

SCALE: VERT. HORIZ. DATE: 7/6/05  
DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD  
COMPUTER FILE NO. SNO19-0044GPE  
PROJECT 05198  
12/4/06-MML

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OPERATOR = michellel

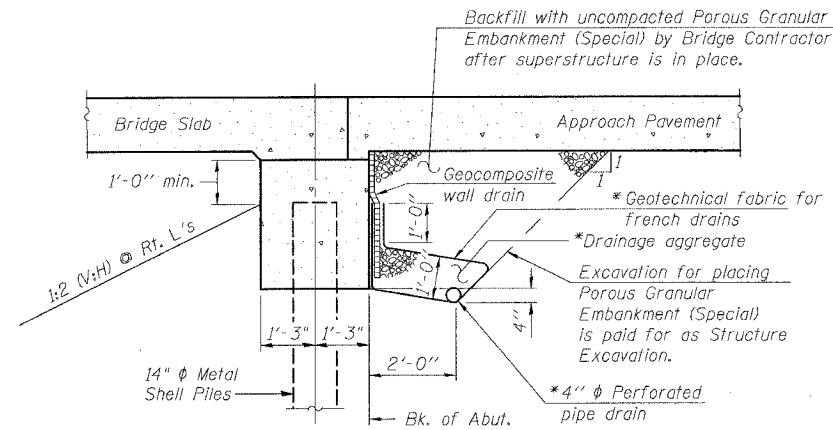


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 567 (IL 38)	34-XBR	DEKALB	90	33
FED. ROAD DIST. NO.	MILEAGE	FED. AID PROJECT		

Contract No. 64583

SHEET NO. 2  
14 SHEETS



**SECTION THRU ABUTMENT**

\* Included in the cost of Pipe Underdrains for Structures, 4"

Note:

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

**LIST OF SHEETS**

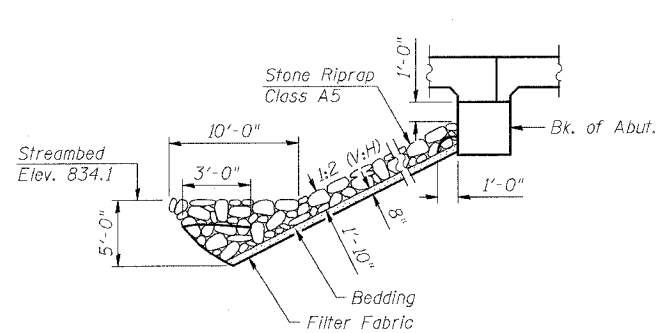
1. General Plan & Elevation
2. General Notes & Details
3. Stage Construction Details
4. Temporary Concrete Barrier
5. Superstructure
6. Superstructure Details
7. Railing Details
8. West Abutment
9. East Abutment
10. Piers
11. Bar Splicer Assembly Details
12. Concrete Pile Details
13. Boring Logs
14. Boring Logs

**GENERAL NOTES**

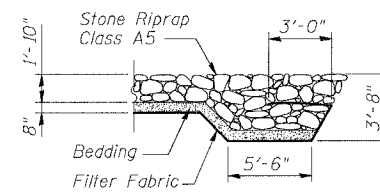
Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.  
Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.  
The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.  
The Contractor shall drive 1 Metal Shell test pile in a permanent location at Pier 1, as directed by the Engineer before ordering the remainder of piles.  
All construction joints shall be bonded.  
Excavation behind existing abutment walls shall be done before removing the existing superstructure. The Contractor shall sawcut the existing abutments at the stage removal line before stage I removal.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment (Special)	Cu. Yd.	-	220.0	220.0
Stone Riprap, Class A5	Sq. Yd.	-	1050	1050
Removal of Existing Structures	Each	-	-	1
Structure Excavation	Cu. Yd.	-	140	140
Concrete Structures	Cu. Yd.	-	244.5	244.5
Concrete Superstructure	Cu. Yd.	642.4	-	642.4
Bridge Deck Grooving	Sq. Yd.	741	-	741
Protective Coat	Sq. Yd.	1114	-	1114
Reinforcement Bars, Epoxy Coated	Pound	142,260	19,600	161,860
Furnishing Metal Shell Piles 12"	Foot	-	2580	2580
Furnishing Metal Shell Piles 14"	Foot	-	658	658
Driving Piles	Foot	-	3238	3238
Test Pile Metal Shells	Each	-	1	1
Name Plates	Each	1	-	1
Geocomposite Wall Drain	Sq. Yd.	-	96	96
Pipe Underdrains for Structures, 4"	Foot	-	188	188
Temporary Soil Retention System	Sq. Ft.	-	342	342
Underwater Structure Excavation Protection - Location 1	Each	-	1	1
Underwater Structure Excavation Protection - Location 2	Each	-	1	1
Bar Splicers	Each	229	76	305
Filter Fabric	Sq. Yd.	-	1050	1050
Concrete Bridge Rail, Sidewalk Mounted	Foot	224	-	224
Anchor Rods	Each	16	-	16
Asbestos Bearing Pad Removal	Each	16	-	16



**STONE RIPRAP ANCHOR DETAIL**



**SECTION A-A**

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES AND DETAILS**

F.A.U. ROUTE 567 (IL 38) OVER  
SOUTH BRANCH OF THE KISHWAUKEE RIVER  
DEKALB COUNTY - SEC. 34-XBR  
STA. 140+96.71  
S.N. 019-0044

REVISIONS	
NAME	DATE

SCALE: VERT. HORIZ. DATE: 7/6/05  
DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

**GREENE & BRADFORD, INC.**  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS  
1015 N. WASHINGTON ST., SUITE 200  
SPRINGFIELD, ILLINOIS 62761  
TEL: 217-223-7777 FAX: 217-223-7778

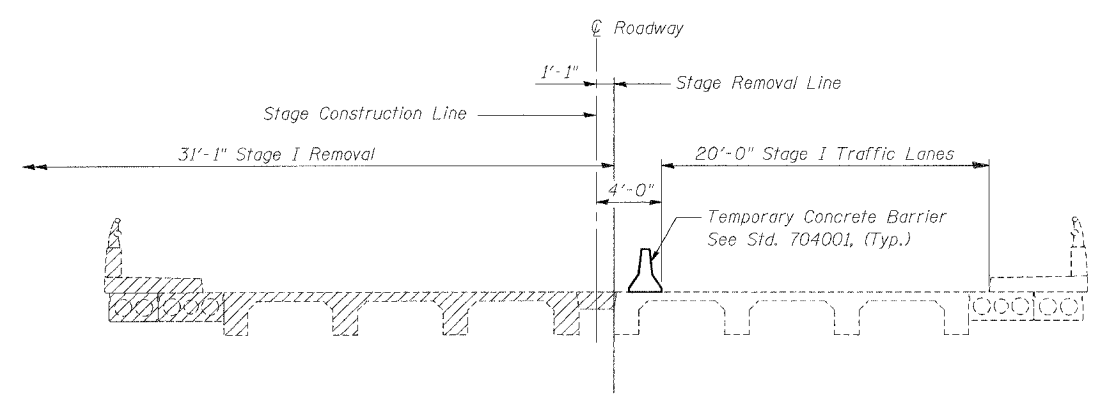
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SN019-0044DET  
**PROJECT**  
0519B  
1/18/07-MML

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PLOT TIME = 10:20:55 AM  
OPERATOR = michellel

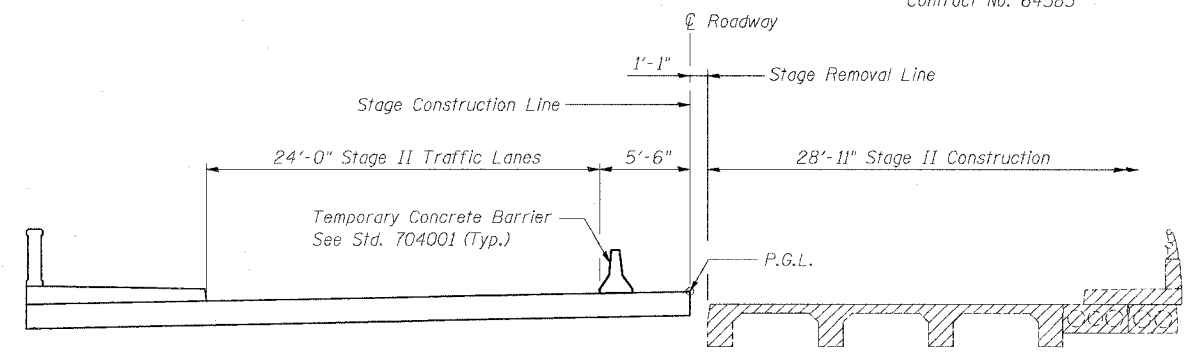
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAU 567 (IL 38)	SECTION 34-XBR	COUNTY DEKALB	ISDN SHEETS 90	SHEET NO. 34	SHEET NO. 3 14 SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Contract No. 64583

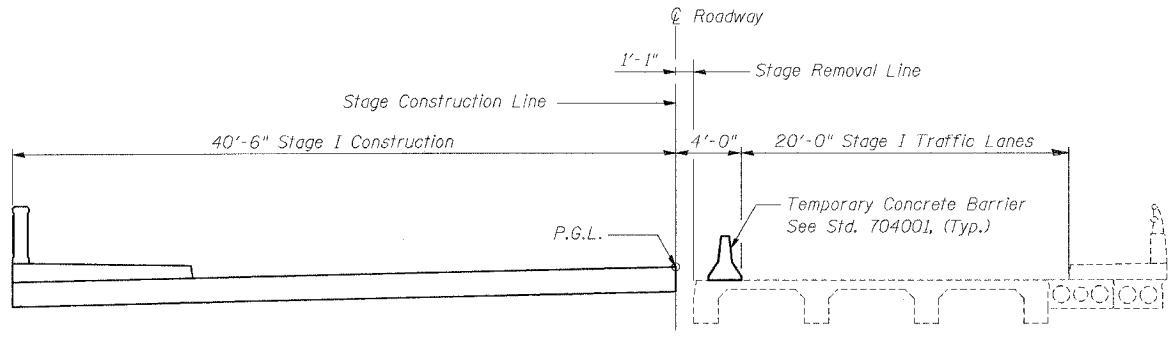


STAGE I REMOVAL

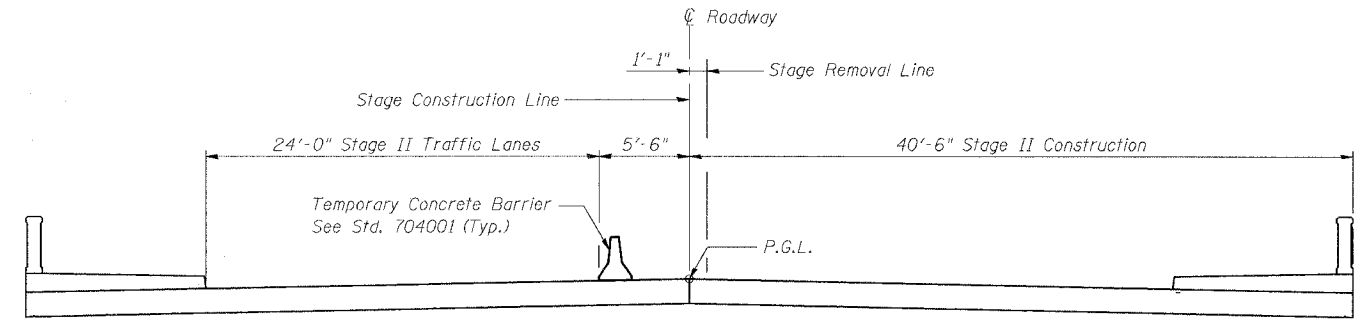


STAGE II REMOVAL

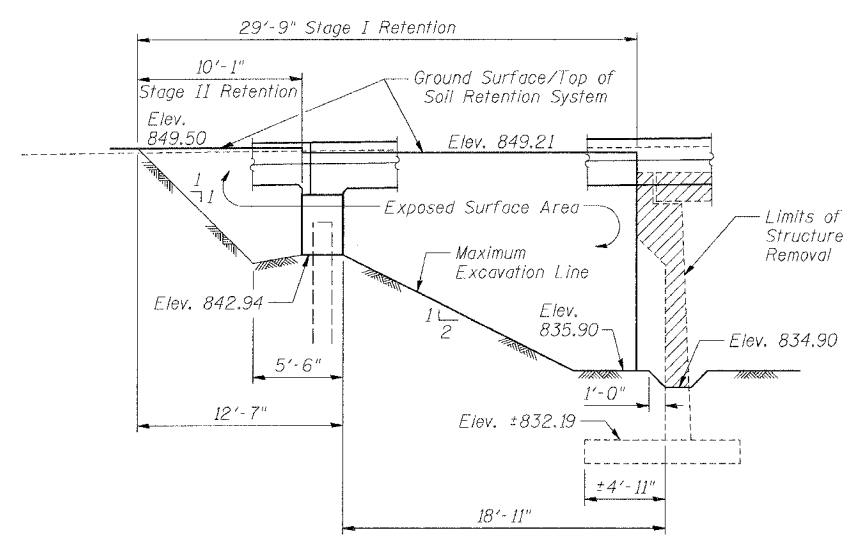
Notes: All cross sections are looking East.  
For quantity of Temporary Concrete Barrier, see Roadway Plans.  
Hatched areas indicate Removal of Existing Structures.



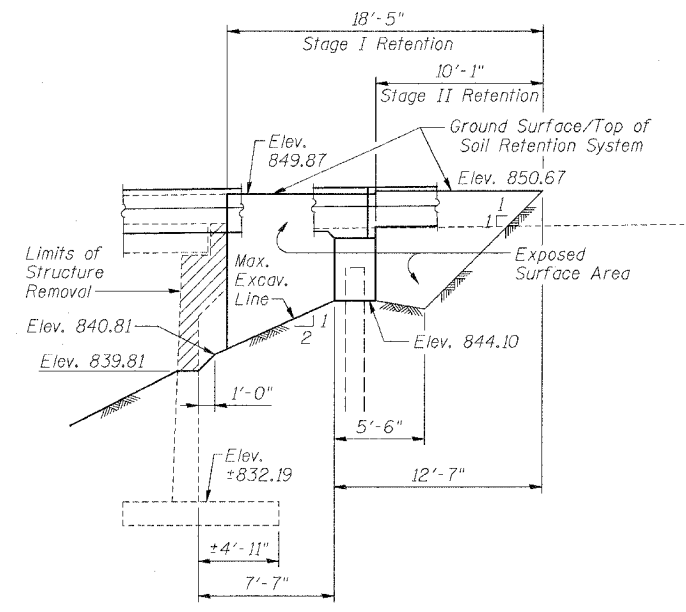
STAGE I CONSTRUCTION



STAGE II CONSTRUCTION



WEST ABUTMENT



EAST ABUTMENT

TEMPORARY SOIL RETENTION SYSTEM

Note:  
A cantilevered sheet piling design does not appear feasible & additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STAGE CONSTRUCTION DETAILS**

F.A.U. ROUTE 567 (IL 38) OVER  
SOUTH BRANCH OF THE KISHWAUKEE RIVER  
DEKALB COUNTY - SEC. 34-XBR  
STA. 140+96.71  
S.N. 019-0044

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 7/6/05

DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

COMPUTER FILE NO.  
SN019-0044STC

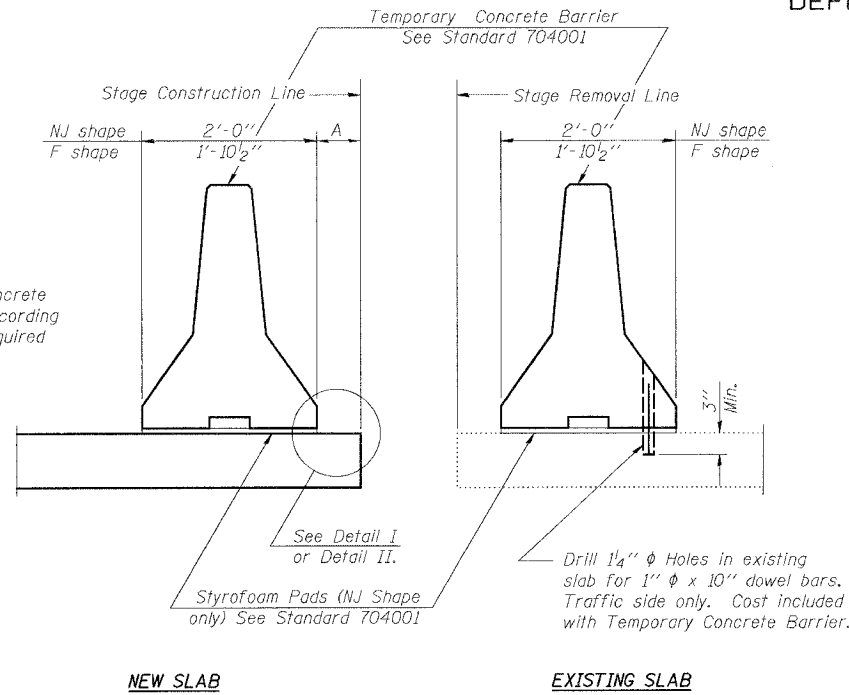
PROJECT 0519B  
12/4/06-MML

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PLOT TIME = 1:57:00 PM  
OPERATOR = mpremier

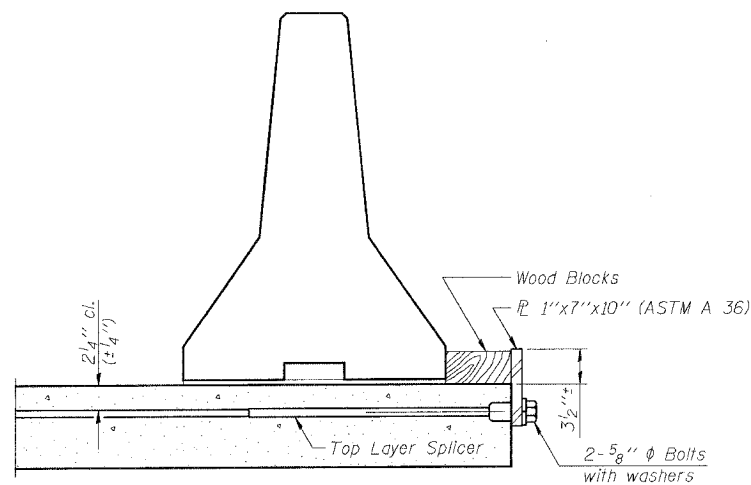
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO. 4
FAU 567 (IL 38)	34-XBR	DEKALB	90	35	14 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

Contract No. 64583

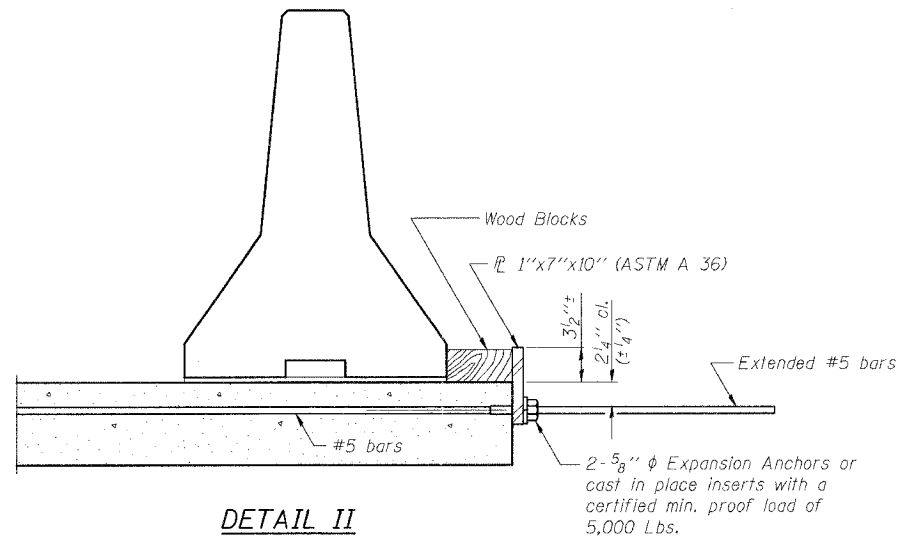


SECTIONS THRU SLAB



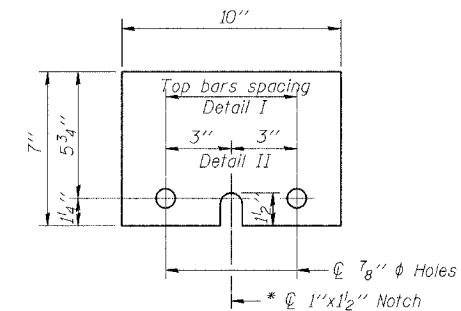
DETAIL I

The 1" x 7" x 10" Plate shall not be removed until  
Stage II Construction forms and reinforcement bars  
are in place.



DETAIL II

The 1" x 7" x 10" Plate shall not be removed until  
Stage II Construction forms and all reinforcement  
bars are in place and the concrete is ready to be  
placed.



1" x 7" x 10"

\* Required only with Detail II

NOTES

- Detail I - With Bar Splicer or Couplers:  
Connect one (1) 1" x 7" x 10" steel  $\bar{L}$  to the  
top layer of couplers with 2-5/8"  $\phi$  bolts  
screwed to coupler at approximate  $\bar{C}$  of  
each barrier panel.
- Detail II - With Extended Reinforcement Bars:  
Connect one (1) 1" x 7" x 10" steel  $\bar{L}$  to the  
concrete slab with 2-5/8"  $\phi$  Expansion Anchors  
or cast in place inserts spaced between the  
top layer of reinforcement at approximate  $\bar{C}$  of  
each barrier panel.
- Cost of anchorage is included with Temporary Concrete Barrier.

FILE NAME = J:\05198\DRAWINGS\SN019-0044\SN019-0044.dgn  
PLOT SCALE = 1:10000  
PLOT DATE = 12/4/2006  
OPERATOR = MRS. J. M. HARRIS

R-27

10-22-04

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TEMPORARY CONCRETE BARRIER  
FOR STAGE CONSTRUCTION

F.A.U. ROUTE 567 (IL 38) OVER  
SOUTH BRANCH OF THE KISHWAUKEE RIVER  
DEKALB COUNTY - SEC. 34-XBR  
STA. 140+96.71  
S.N. 019-0044

SCALE: VERT.  
HORIZ.  
DATE: 7/6/05

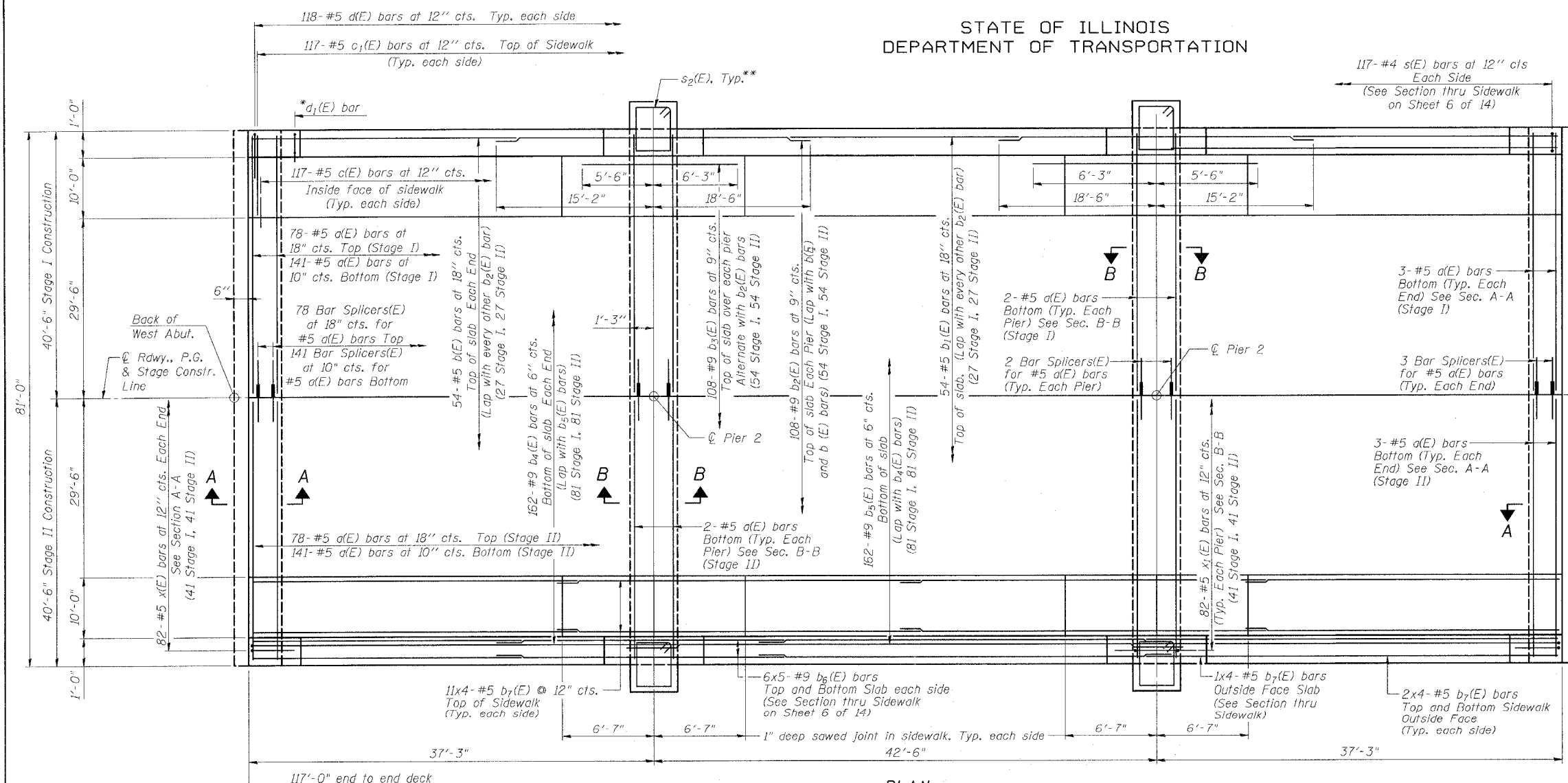
DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

<p>GREENE &amp; BRADFORD, INC. OF SPRINGFIELD</p>	COMPUTER FILE NO. SN019-0044;TCB
	PROJECT 05198 12/4/06-MML

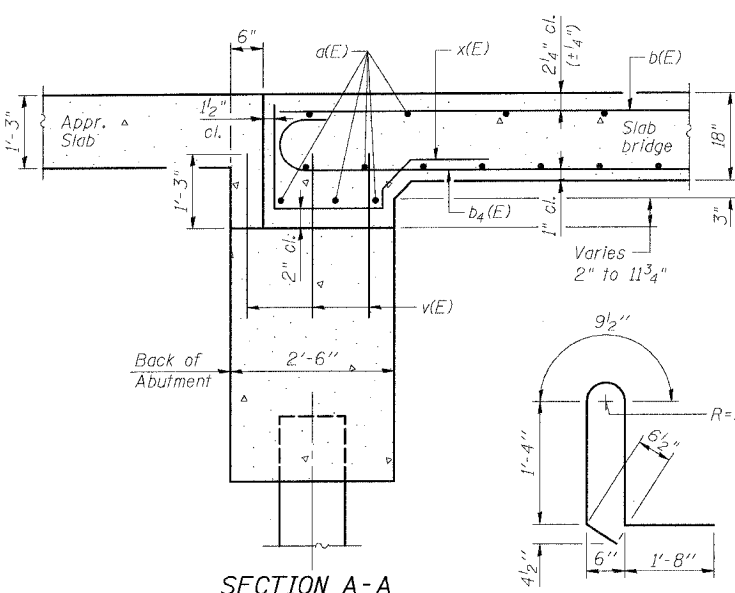
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAU 567 (IL 38)	SECTION 34-XBR	COUNTY DEKALB	TOTAL SHEETS 90	SHEET NO. 36	SHEET NO. 5 14 SHEETS
FED. ROAD DIST. NO.		BILLING	FED. AID PROJECT		

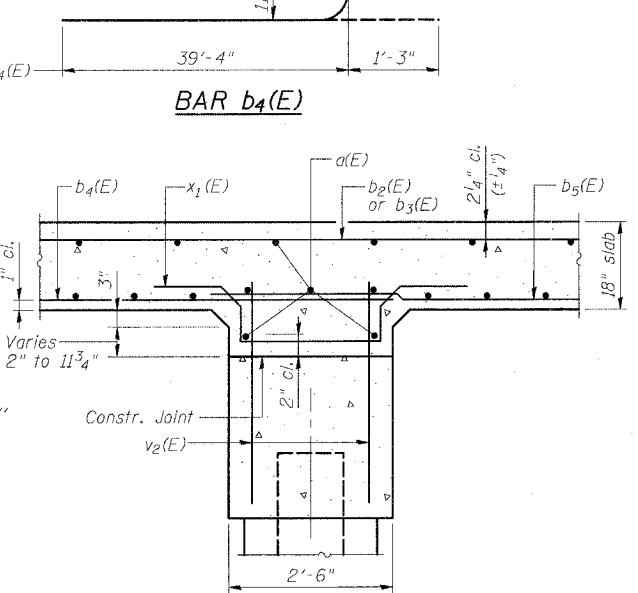
Contract No. 64583



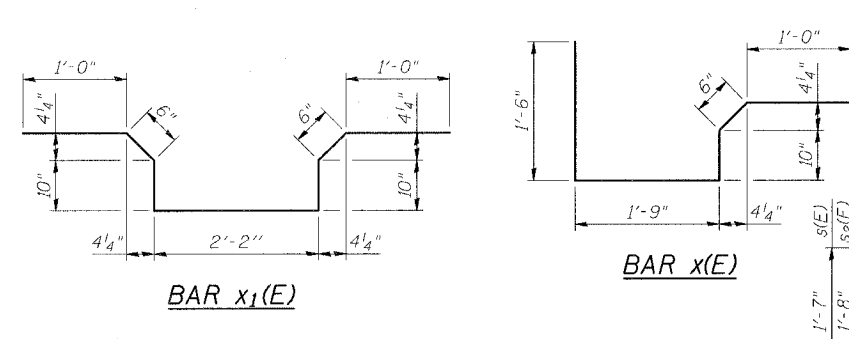
PLAN



SECTION A-A

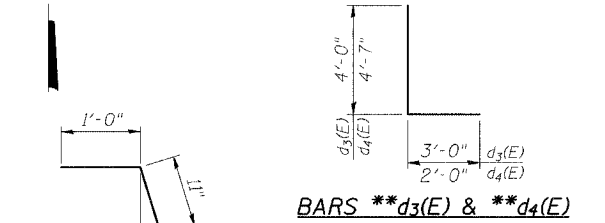


SECTION B-B



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)



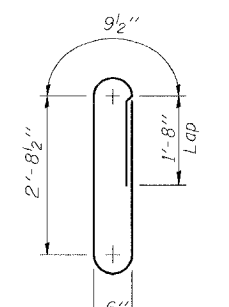
BARS \*\*d3(E) & \*\*d4(E)

SUPERSTRUCTURE  
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	458	#5	40'-3"	
b(E)	108	#5	24'-3"	
b1(E)	54	#5	10'-6"	
b2(E)	216	#9	33'-8"	
b3(E)	216	#9	11'-9"	
b4(E)	324	#9	40'-7"	
b5(E)	162	#9	46'-11"	
b6(E)	60	#9	27'-0"	
b7(E)	112	#5	30'-6"	
b8(E)	8	#5	2'-2"	
c(E)	234	#5	2'-5"	
c1(E)	234	#5	10'-6"	
d(E)	236	#5	2'-6"	
d1(E)	304	#5	5'-8"	
d2(E)	336	#5	8'-8"	
d3(E)	12	#6	7'-0"	
d4(E)	12	#6	6'-7"	
e(E)	16	#7	19'-6"	
e1(E)	16	#5	19'-0"	
e2(E)	8	#7	21'-9"	
e3(E)	8	#5	21'-1"	
s(E)	234	#4	5'-5"	
s2(E)	20	#5	8'-7"	
x(E)	164	#5	5'-7"	
x1(E)	164	#5	6'-10"	
Concrete Bridge Rail, Sidewalk Mounted	Foot		224	
Reinforcement Bars, Epoxy Coated	Pound		142,260	
Concrete Superstructure	Cu. Yd.		642.4	

MIN. BAR LAPS

#5 bars = 1'-8"  
#9 bars = 4'-5"



\*BAR d2(E)

Reinforcement bars designated (E) shall be epoxy coated.  
Bars indicated thus 2x3-#5 etc. indicates 2 lines of bars with 3 lengths per line.

\* Reinforcement bars are included with Concrete Bridge Rail, Sidewalk Mounted.  
\*\* Reinforcement bars included with "Anchor Rods".

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERSTRUCTURE**  
F.A.U. ROUTE 567 (IL 38) OVER SOUTH BRANCH OF THE KISHWAUKEE RIVER DEKALB COUNTY - SEC. 34-XBR STA. 140+96.71 S.N. 019-0044

REVISIONS	NAME	DATE

SCALE: VERT. DATE: 7/6/05	DRAWN BY: LANDREY DESIGNED BY: TRELLO CHECKED BY: SANFORD
GREENE & BRADFORD, INC. ENGINEERS AND ARCHITECTS	COMPUTER FILE NO. SN019-0044:SS-PLAN PROJECT 05198 12/4/06-MML

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PLOT BY = MICHELLE  
OPERATOR = MICHELLE

SA-2-0

10-22-04

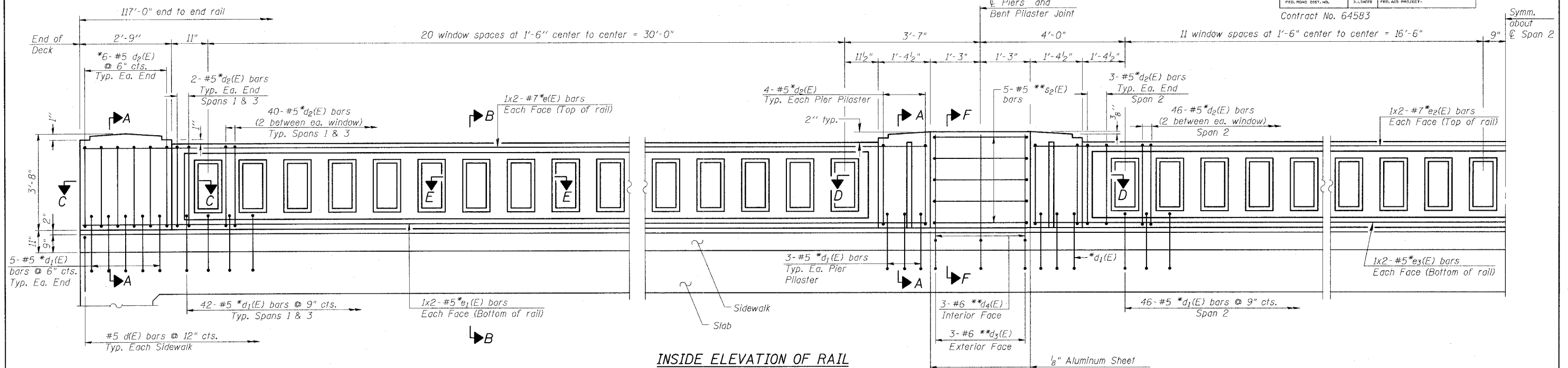
\*BAR d1(E)



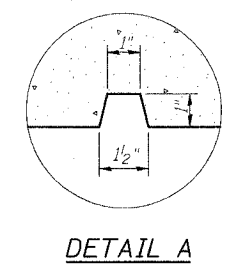
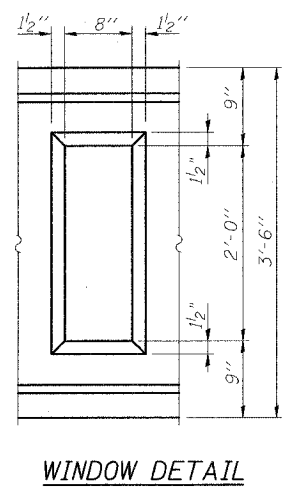
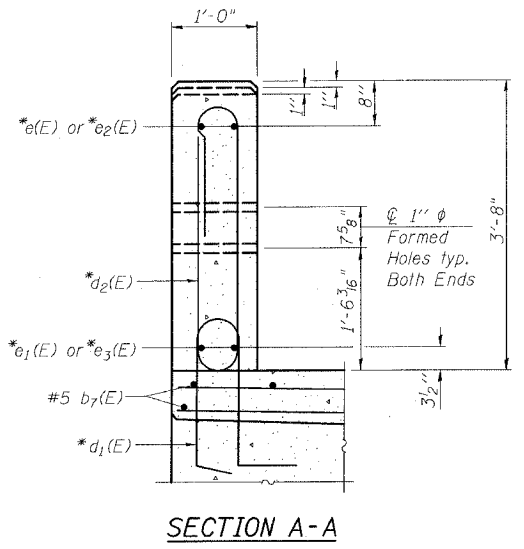
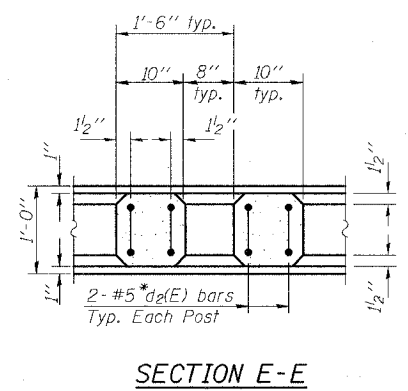
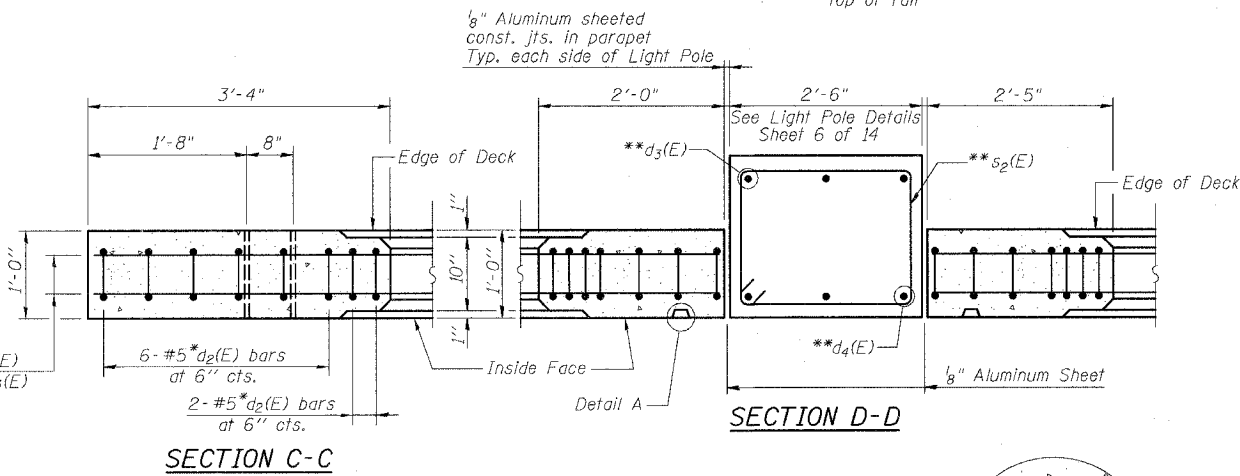
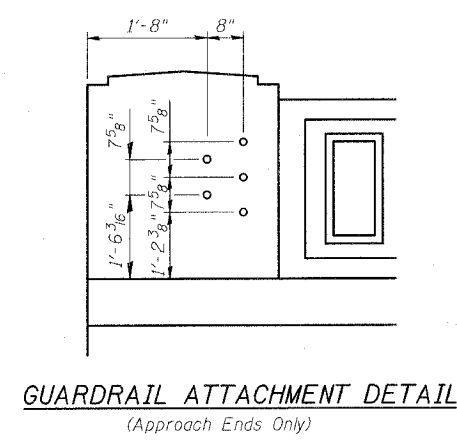


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
FAU 567 (IL 38)	34-XBR	DEKALB	90	38	14 SHEETS
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	Contract No. 64583		



\* Reinforcement bars included with "Concrete Bridge Rail, Sidewalk Mounted".  
\*\* Reinforcement bars included with "Anchor Rods".



Notes:  
All concrete for railing wall shall be Class BS according to Article 1020.04 of the Standard Specifications. Surface of railing shall receive a rubbed finish according to Article 503.15(b) of the Standard Specifications.  
All parts of the railing including concrete and reinforcing will be paid for at the contract unit price per foot for Concrete Bridge Rail, Sidewalk Mounted.  
Holes and recesses must be formed or cored. Drilling is not permitted.  
For Section F-F, see Sheet 6 of 14.  
For Section B-B, see Section thru Sidewalk, Sheet 6 of 14.

REVISIONS	
NAME	DATE

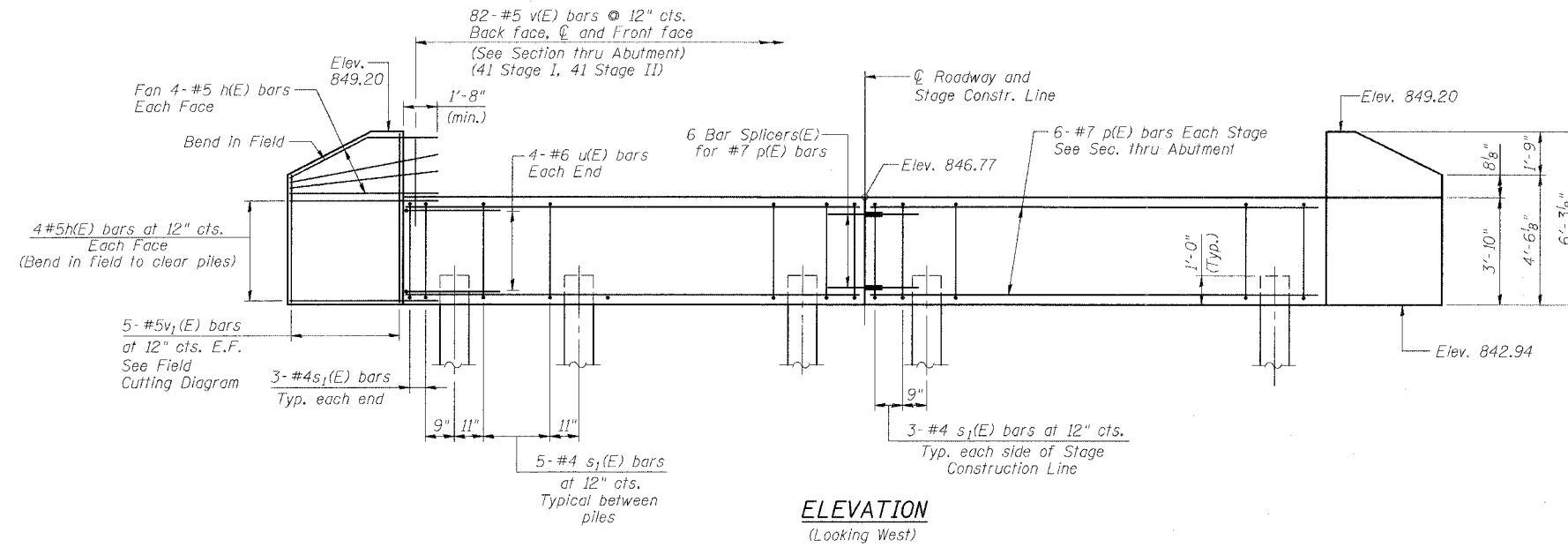
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**RAILING DETAILS**  
F.A.U. ROUTE 567 (IL 38) OVER SOUTH BRANCH OF THE KISHWAUKEE RIVER DEKALB COUNTY - SEC. 34-XBR STA. 140+96.71 S.N. 019-0044  
SCALE: VERT. HORIZ. DATE: 7/6/05  
DRAWN BY: LANDREY DESIGNED BY: TRELLO CHECKED BY: SANFORD  
GREENE & BRADFORD, INC. OF SPRINGFIELD  
COMPUTER FILE NO. SN019-0044RAIL PROJECT 05198 1/18/07-MML

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PLOT TIME = 10:25:17 AM  
OPERATOR = michaels

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET NO.	SHEET NO. 8 14 SHEETS
FAU 567 (IL 38)	34-XBR	DEKALB	90	39	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

Contract No. 64583

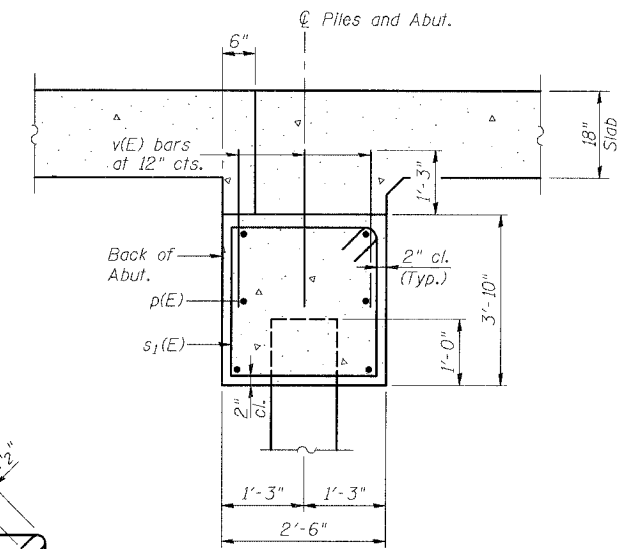


**ELEVATION**  
(Looking West)

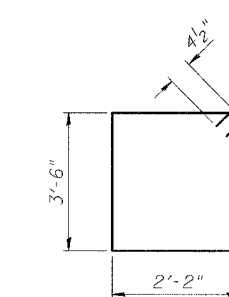
Note:  
The Metal Shell piles shall be according to ASTM A 252 Grade 3.

**PILE DATA**

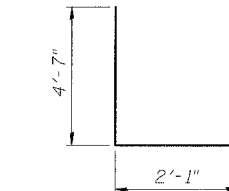
Type and Size: Metal Shell - 14 in. dia. x 0.25 in. wall  
Nominal Required Bearing: 192 kips  
Allowable Resistance Available: 64 kips  
Estimated Length: 27 feet



**SECTION THRU ABUTMENT**



**BAR s<sub>1</sub>(E)**



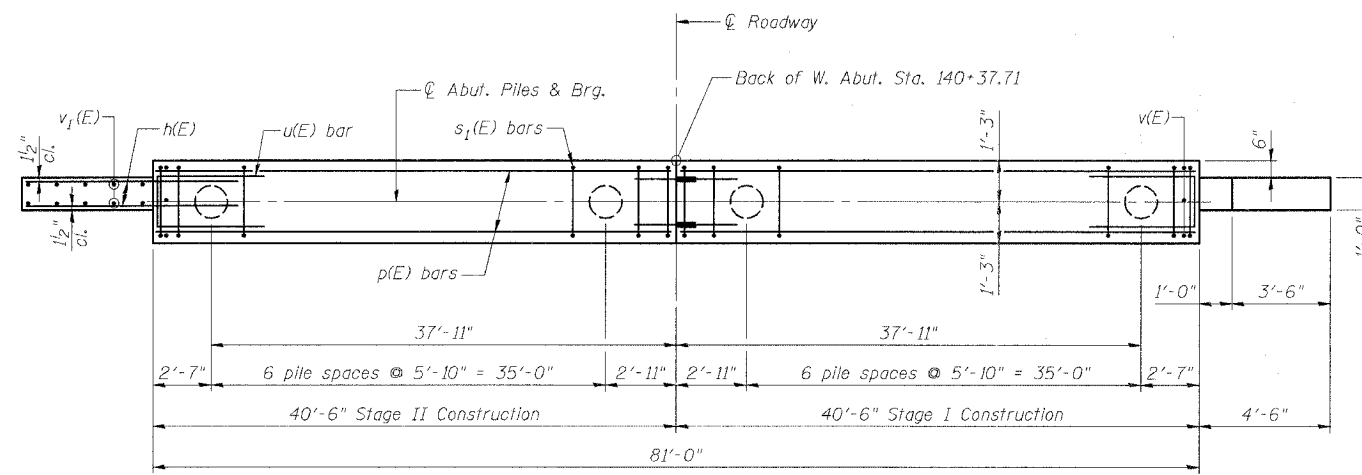
**BAR u(E)**

**BILL OF MATERIAL  
WEST ABUTMENT**

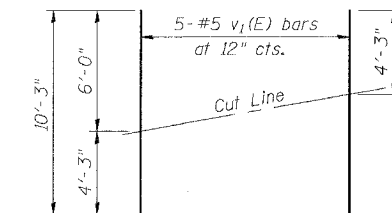
Bar	No.	Size	Length	Shape
h(E)	32	#5	6'-8"	—
p(E)	12	#7	40'-3"	—
s <sub>1</sub> (E)	72	#4	12'-1"	□
u(E)	8	#6	11'-3"	—
v(E)	246	#5	3'-7"	—
v <sub>1</sub> (E)	10	#5	10'-3"	—

Concrete Structures	Cu. Yd.	30.6
Reinforcement Bars, Epoxy Coated	Pound	2950
Furnishing Metal Shell Piles, 14"	Foot	378
Structure Excavation	Cu. Yd.	60
Driving Piles	Foot	378

Reinforcement bars designated (E) shall be epoxy coated



**PLAN**



**FIELD CUTTING DIAGRAM**

Order v<sub>1</sub>(E) bars full length. Cut as shown and use remainder of bars in opposite face.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WEST ABUTMENT**

F.A.U. ROUTE 567 (IL 38) OVER  
SOUTH BRANCH OF THE KISHWAUKEE RIVER  
DEKALB COUNTY - SEC. 34-XBR  
STA. 140+96.71  
S.N. 019-0044

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 7/6/05

DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

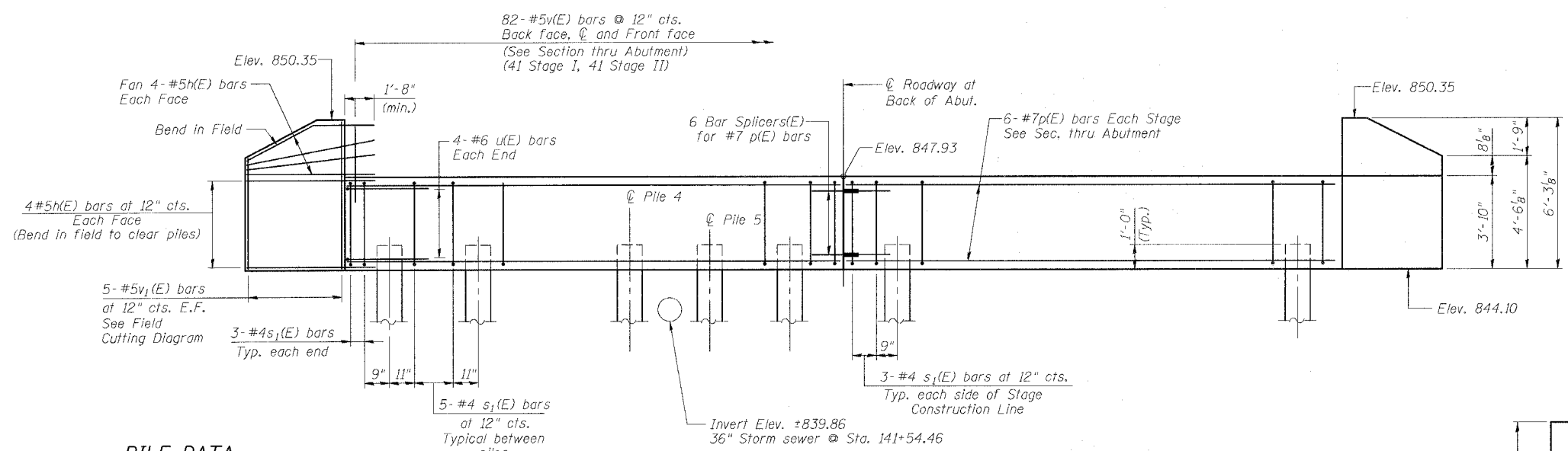
GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
STRUCTURAL ENGINEERS  
REGISTERED PROFESSIONAL ENGINEERS  
NO. 019-0044

COMPUTER FILE NO.  
SN019-0044:ABUT.W  
PROJECT 05198  
12/4/06-MML

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OPERATOR = msteele

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	INVERT	SHEET	SHEET NO. 9 14 SHEETS
FAU 567 (IL 38)	34-XBR	DEKALB	90	40	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	Contract No. 64583		

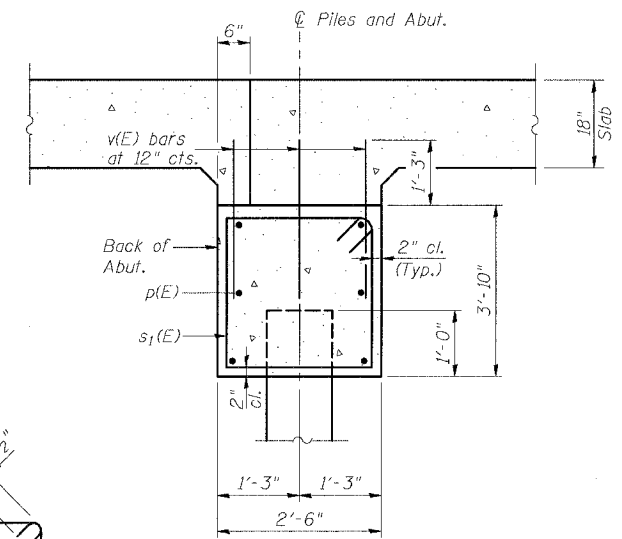


**PILE DATA**

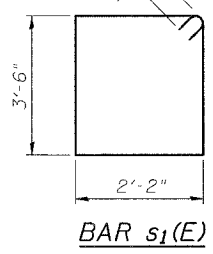
Type and Size: Metal Shell - 14 in. dia. x 0.25 in. wall  
Nominal Required Bearing: 192 kips  
Allowable Resistance Available: 64 kips  
Estimated Length: 20 feet

**ELEVATION**  
(Looking East)

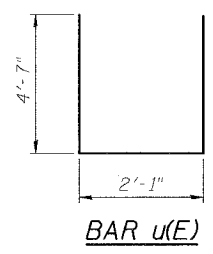
Note:  
The Metal Shell piles shall be according to ASTM A 252 Grade 3.  
Pile driving operations shall be completed after the removal of the existing 36" storm sewer and prior to placement of 36" storm sewer. For details and quantities of 36" storm sewer, see Roadway plans.



**SECTION THRU ABUTMENT**



**BAR s<sub>1</sub>(E)**



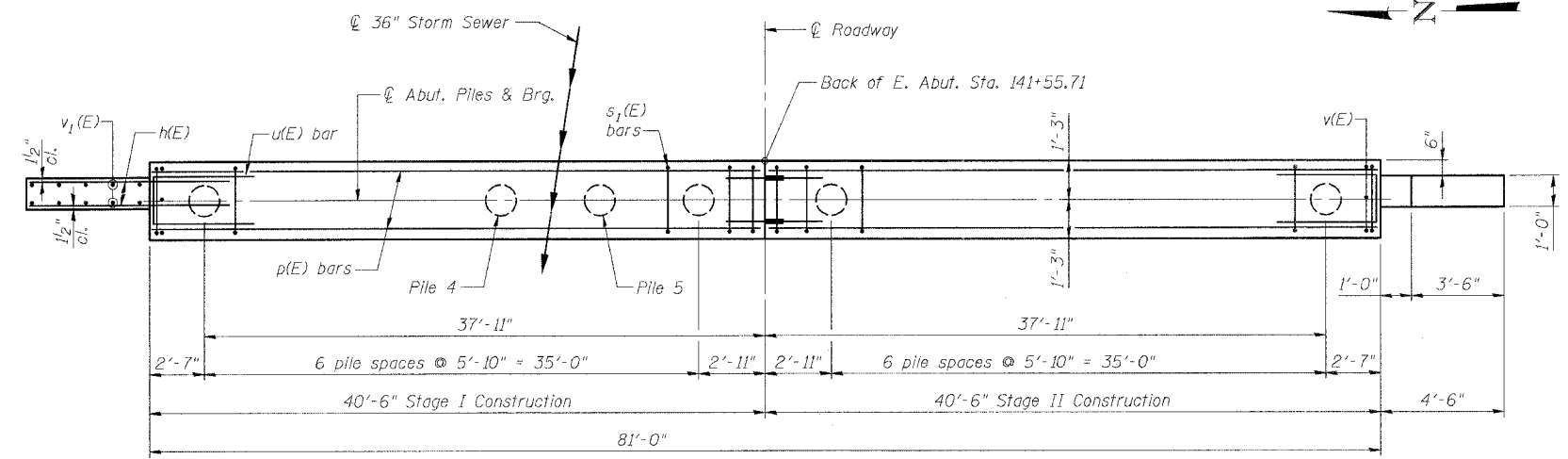
**BAR u(E)**

**BILL OF MATERIAL  
EAST ABUTMENT**

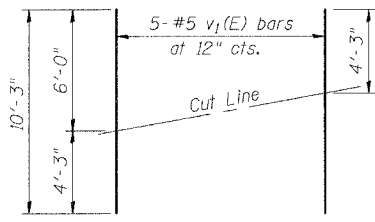
Bar	No.	Size	Length	Shape
h(E)	32	#5	6'-8"	—
p(E)	12	#7	40'-3"	—
s <sub>1</sub> (E)	72	#4	12'-1"	□
u(E)	8	#6	11'-3"	—
v(E)	246	#5	3'-7"	—
v <sub>1</sub> (E)	10	#5	10'-3"	—

Concrete Structures	Cu. Yd.	30.6
Reinforcement Bars, Epoxy Coated	Pound	2950
Furnishing Metal Shell Piles, 14"	Foot	280
Structure Excavation	Cu. Yd.	60
Driving Piles	Foot	280

Reinforcement bars designated (E) shall be epoxy coated



**PLAN**



**FIELD CUTTING DIAGRAM**  
Order v<sub>1</sub>(E) bars full length. Cut as shown and use remainder of bars in opposite face.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EAST ABUTMENT**

F.A.U. ROUTE 567 (IL 38) OVER  
SOUTH BRANCH OF THE KISHAWAUKEE RIVER  
DEKALB COUNTY - SEC. 34-XBR  
STA. 140+96.71  
S.N. 019-0044

SCALE: VERT. DATE: 7/6/05  
DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

<b>GREENE &amp; BRADFORD, INC.</b> CONSULTING ENGINEERS 1401 W. 80th St., Suite 100, Oak Brook, IL 60155 (630) 581-8800, Fax: (630) 581-8801	<b>COMPUTER FILE NO.</b> SM019-0044:ABUT.E <b>PROJECT</b> 05198 12/4/06-MML
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

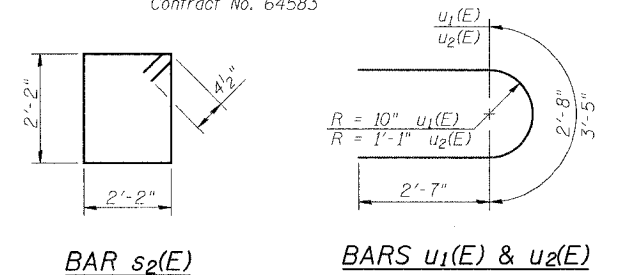
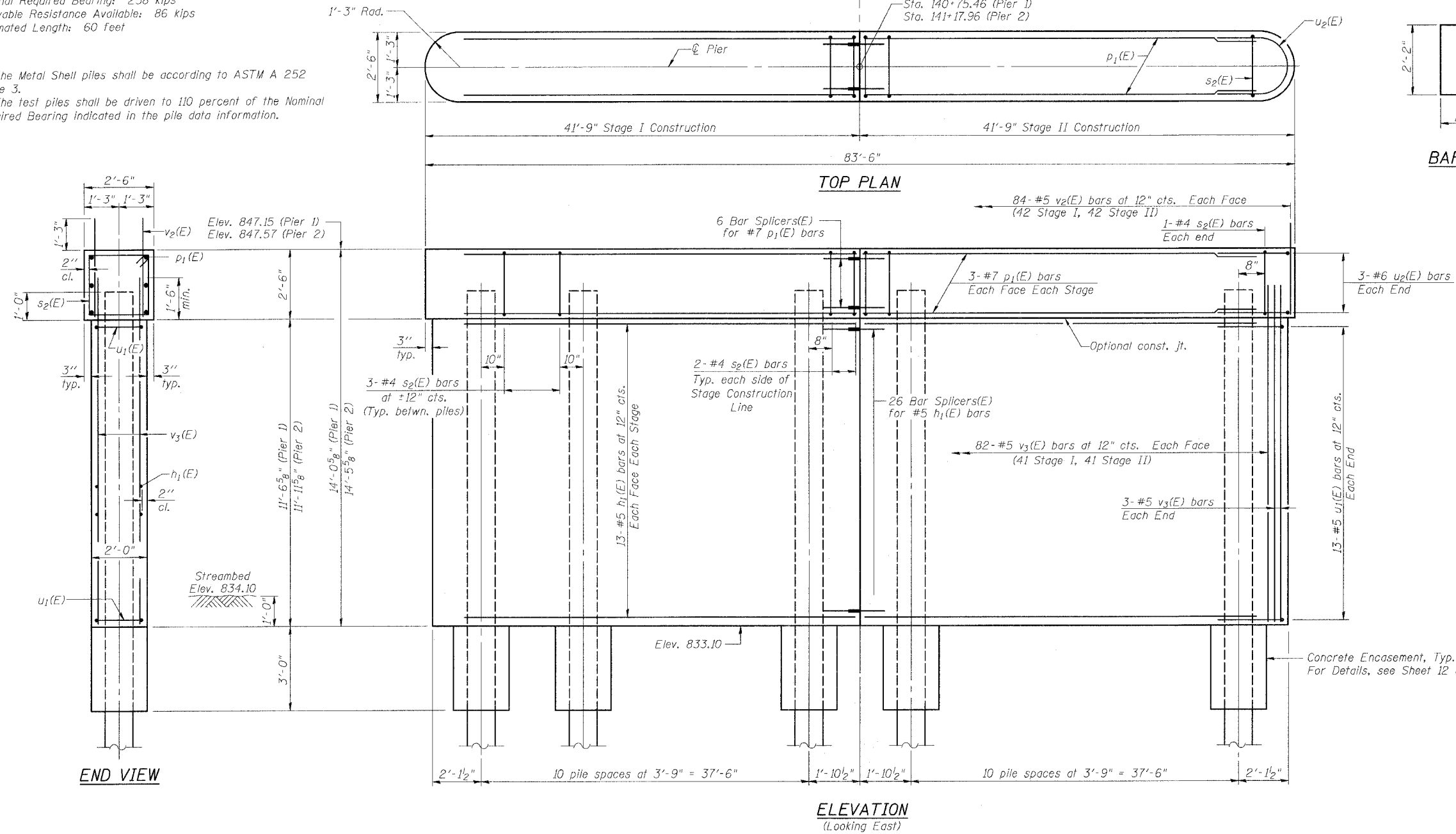
ROUTE NO. FAU 567 (IL 38)	SECTION 34-XBR	COUNTY DEKALB	TOTAL SHEETS 90	SHEET NO. 41	SHEET NO. 10 14 SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Contract No. 64583

**PILE DATA**

Type and Size: Metal Shell - 12 in. dia. x 0.179 in. walls  
Nominal Required Bearing: 258 kips  
Allowable Resistance Available: 86 kips  
Estimated Length: 60 feet

Note:  
The Metal Shell piles shall be according to ASTM A 252 Grade 3.  
The test piles shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.



\* For Concrete Encasement details, see sheet 12 of 14.

**TWO PIERS  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h <sub>1</sub> (E)	104	#5	40'-3"	—
p <sub>1</sub> (E)	24	#7	40'-3"	—
s <sub>2</sub> (E)	132	#4	9'-5"	□
u <sub>1</sub> (E)	52	#5	7'-10"	U
u <sub>2</sub> (E)	12	#6	8'-7"	U
v <sub>2</sub> (E)	336	#5	3'-7"	—
v <sub>3</sub> (E)	340	#5	13'-3"	—
Concrete Structures			Cu. Yd.	183.3
Reinforcement Bars, Epoxy Coated			Pound	13,700
Furnishing Metal Shell Piles, 12"			Foot	2580
Structure Excavation			Cu. Yd.	20
Driving Piles			Foot	2580
Test Pile Metal Shells			Each	1

Reinforcement Bars designated (E) shall be epoxy coated.

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PIERS**

F.A.U. ROUTE 567 (IL 38) OVER SOUTH BRANCH OF THE KISHWAUKEE RIVER DEKALB COUNTY - SEC. 34-XBR STA. 140+96.71 S.N. 019-0044

SCALE: VERT. HORIZ. DATE: 7/6/05  
DRAWN BY: LANDREY DESIGNED BY: TRELLO CHECKED BY: SANFORD

GREENE & BRADFORD, INC. OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
PROJECT NO. 05198  
12/4/06-MML

REVISIONS	
NAME	DATE

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PLOT SCALE = 1/8"=1'-0"  
PLOT DATE = 12/4/2006  
PLOT TIME = 11:57:11 PM  
OPERATOR = michelie

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 567 (IL 38)	34-XBR	DEKALB	90	42
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT -		

SHEET NO. 11  
14 SHEETS

Contract No. 64583

**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) =  $1.25 \times f_y \times A_1$
- Minimum \*Pull-out Strength (Tension in kips) =  $1.25 \times f_{s_{allow}} \times A_1$

Where  $f_y$  = Yield strength of lapped reinforcement bars in ksi.  
 $f_{s_{allow}}$  = Allowable tensile stress in lapped reinforcement bars in ksi (Service Load)  
 $A_1$  = Tensile stress area of lapped reinforcement bars.  
\* = 28 day concrete

Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	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	18.0
#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."

The diameter of this part is the same as the diameter of the bar spliced.

**ROLLED THREAD DOWEL BAR**



\*\* ONE PIECE

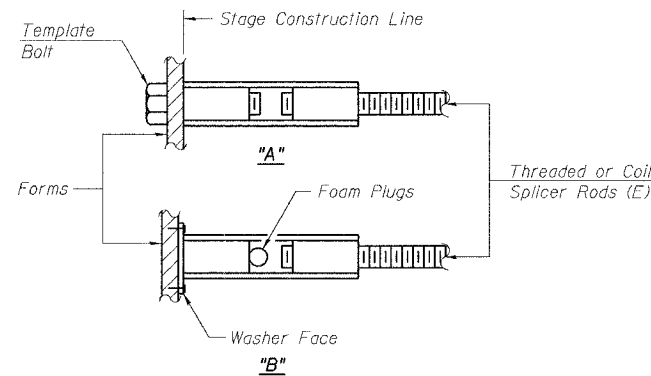
Wire Connector



**WELDED SECTIONS**

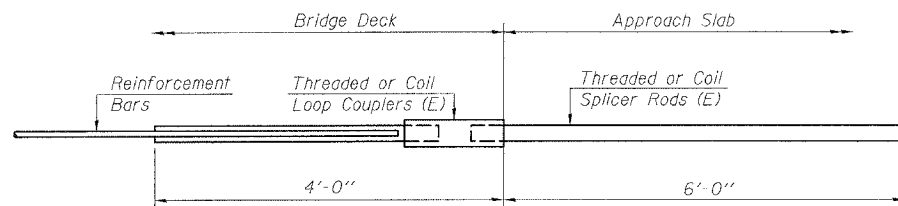
**BAR SPLICER ASSEMBLY ALTERNATIVES**

\*\* Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



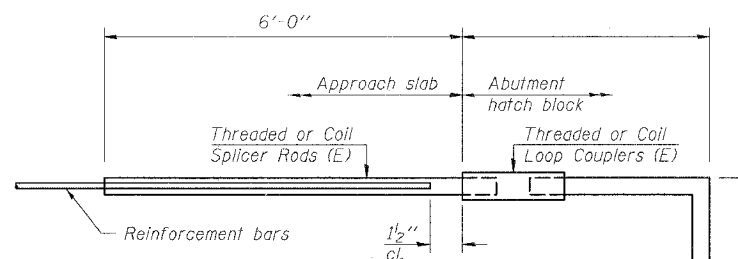
**INSTALLATION AND SETTING METHODS**

"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.



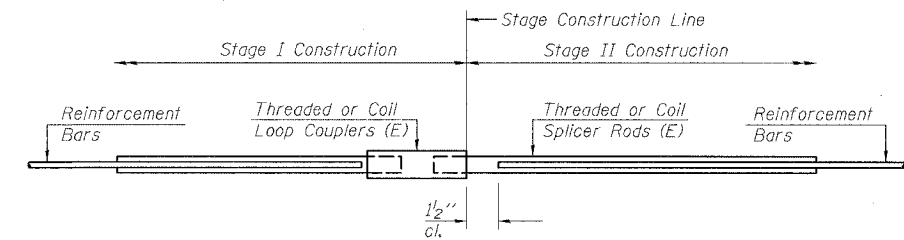
**FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS**

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 9.2 kips - tension
No. Required = N/A



**FOR PILE BENT ABUTMENTS**

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 9.2 kips - tension
No. Required = N/A



**STANDARD**

Bar Size	No. Assemblies Required	Location
#5	229	Deck
#7	12	Abut. Cap
#5	52	Pier Wall
#7	12	Pier Cap

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BAR SPLICER ASSEMBLY DETAILS**

F.A.U. ROUTE 567 (IL 38) OVER SOUTH BRANCH OF THE KISHWAUKEE RIVER DEKALB COUNTY - SEC. 34-XBR STA. 140+96.71 S.N. 019-0044

SCALE: VERT. HORIZ. DATE: 7/6/05

DRAWN BY: LANDREY DESIGNED BY: TRELLO CHECKED BY: SANFORD

GREENE & BRADFORD, INC. OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
PROFESSIONAL ENGINEER No. 021-0011  
ILLINOIS PROFESSIONAL ENGINEERING BOARD

COMPUTER FILE NO. SNO19-0044BSD  
PROJECT 05198  
12/4/06-MML

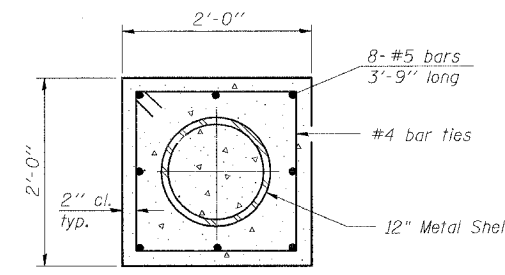
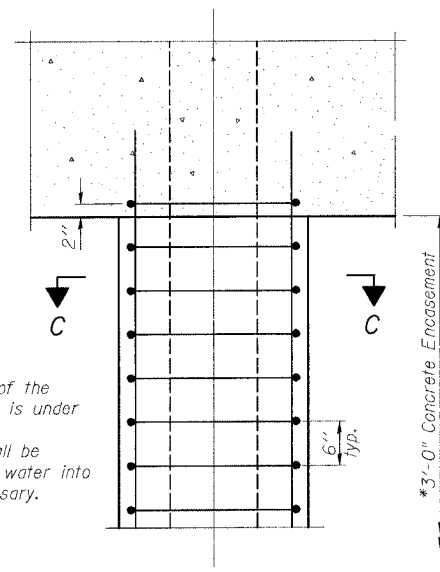
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PLOT DATE = 12/4/2006  
OPERATOR = B57407 PM  
OPERATOR = mchm8161



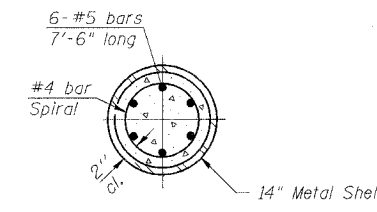
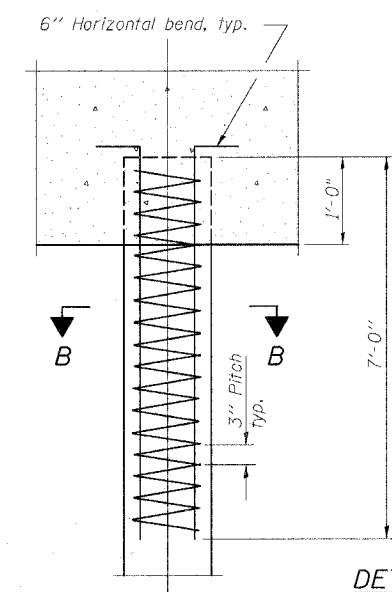
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 567 (IL 38)	34-XBR	DEKALB	90	12
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		14 SHEETS

Contract No. 64583



**SECTION C-C**  
The cost of Reinforcement, concrete, and excavation for forms is included with Furnishing Metal Shell Piles, 12".



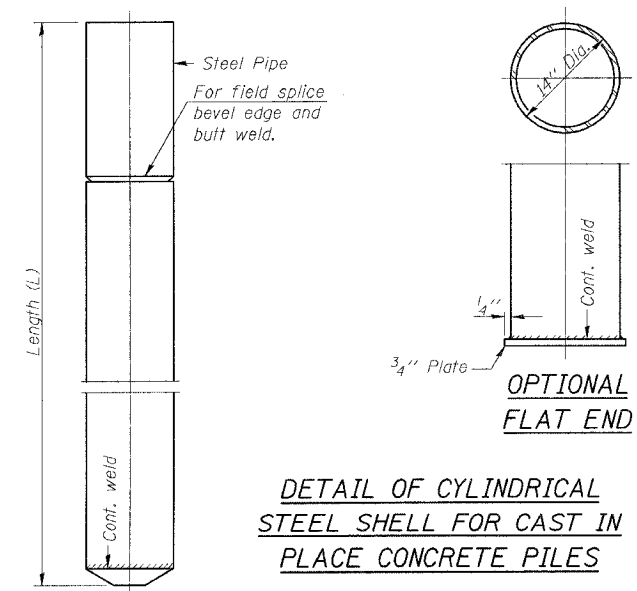
**SECTION B-B**

\* If a portion of the pile encasement is under water, Concrete Encasement shall be tremmed under water into forms as necessary.

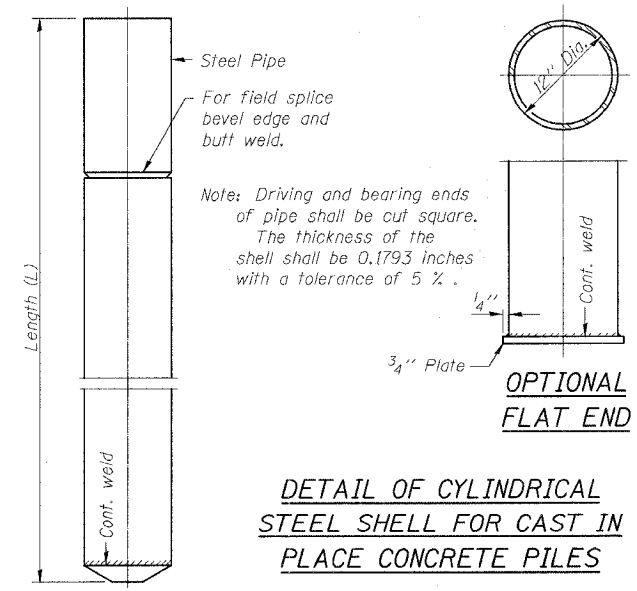
**DETAIL OF PROTECTION FOR METAL SHELLS AT PIERS**

**DETAIL OF REINFORCEMENT FOR METAL SHELLS AT ABUTMENTS**

Notes:  
Driving and bearing ends of pipe shall be cut square. The thickness of the shell shall be 0.250 inches with a tolerance of 5%. The shell shall be according to Article 1006.05(a) of the Standard Specifications.



**DETAIL OF CYLINDRICAL STEEL SHELL FOR CAST IN PLACE CONCRETE PILES**



**DETAIL OF CYLINDRICAL STEEL SHELL FOR CAST IN PLACE CONCRETE PILES**

Note: Driving and bearing ends of pipe shall be cut square. The thickness of the shell shall be 0.1793 inches with a tolerance of 5%.

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PLOT SCALE = 1:0000  
PLOT DATE = 12/4/2006  
OPERATOR = HSF/EGJ/PM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONCRETE PILE DETAILS**  
F.A.U. ROUTE 567 (IL 38) OVER SOUTH BRANCH OF THE KISHWAUKEE RIVER DEKALB COUNTY - SEC. 34-XBR STA. 140+96.71 S.N. 019-0044  
SCALE: VERT. HORIZ. DATE: 7/6/05  
DRAWN BY: LANDREY DESIGNED BY: TRELLO CHECKED BY: SANFORD  
GREENE & BRADFORD, INC. OF SPRINGFIELD  
COMPUTER FILE NO. SN019-0044:PILE PROJECT 05198 12/4/06-MML





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

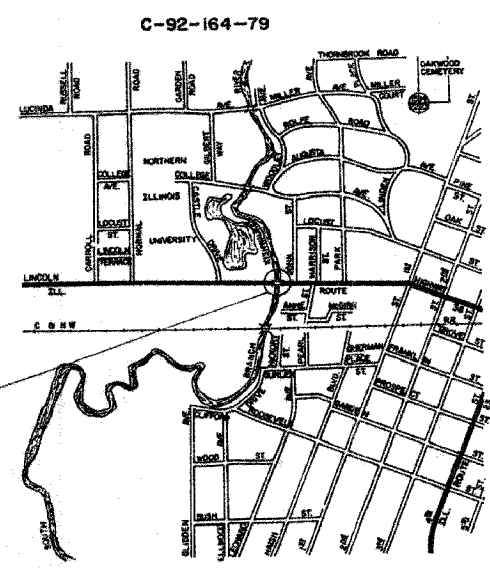
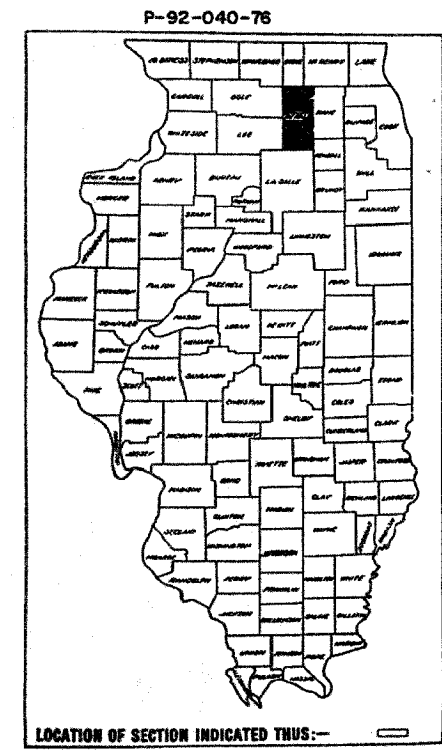
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 567	34-X-BY	DEKALB	15	1

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID HIGHWAY

### INDEX OF SHEETS

- 1. Cover Sheet  
Index of Sheets
  - 2. Summary of Quantities  
General Notes
  - 3. Special Details  
Bituminous Schedule
  - 4. Plan Sheet  
Typical Section
  - 5-11. Bridge Plans
  - 12. Traffic Control Details
  - 13. Entrance Approaches - Urban Area
- Standards:
- 21E-1 Name plate for Bridges
  - 21E-5 Concrete Curb & Combination Concrete Curb & Gutter
  - 22E-4 Frame and Lid, Type I
  - 22E-13 Steel Plate Beam Guardrail
  - 22S-4 Typical Application of Traffic Control Devices
  - 22S-7 Design of Traffic Control Devices
  - 2300-1 Flagman Traffic Control Devices
  - 23Z-4 Pavement Joints
  - 23S Details of Concrete and Mortar Handholes
  - 2383 Temporary Concrete Barrier

## FA ROUTE 567 SECTION 34-X-BY DEKALB COUNTY PROJECT F-567(19)



**LOCATION OF SECTION  
STA. 140+00 to 141+66.9**  
INCLUDED IN THIS SECTION IS THE  
WIDENING OF THE EXISTING 2 SPAN  
STRUCTURE CARRYING ILL. RTE. 38  
OVER THE KISHWAUKEE RIVER IN  
THE CITY OF DEKALB AND ALL OTHER  
WORK NECESSARY TO COMPLETE THE  
CONTRACT.

CITY OF DEKALB

NET LENGTH OF SECTION = 166.9 ft. = 0.032 miles

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

SUBMITTED July 25 1979

EXAMINED Sept 22 1979

PASSED Sept 28 1979

APPROVED Sept 28 1979

**U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION**

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

DIVISION ADMINISTRATOR

Reel 2-124

CONTRACT NO. 34107

# FOR INFORMATION ONLY

PLOT DATE \* DATE \*  
 FILE NAME \* FILE \*  
 PLOT SCALE \* SCALE \*  
 REFERENCE \* REF \*  
 DEFINITION \* DEFINITION \*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

**GREENE & BRADFORD, INC.**  
CONSULTING ENGINEERS  
OF SPRINGFIELD

COMPUTER FILE NO.  
D10800EPLN

PROJECT 05198  
2/27/06-MDS

**EXISTING BRIDGE PLANS**

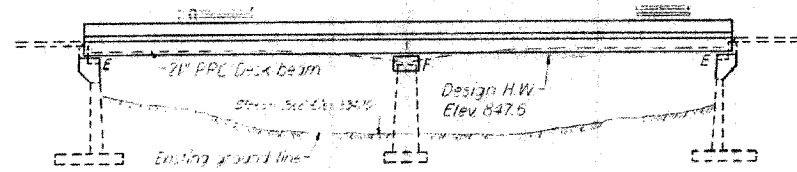
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567	34X-BR	DEKALB	90	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	REVISION	BY	NO.	DESCRIPTION
15	5			

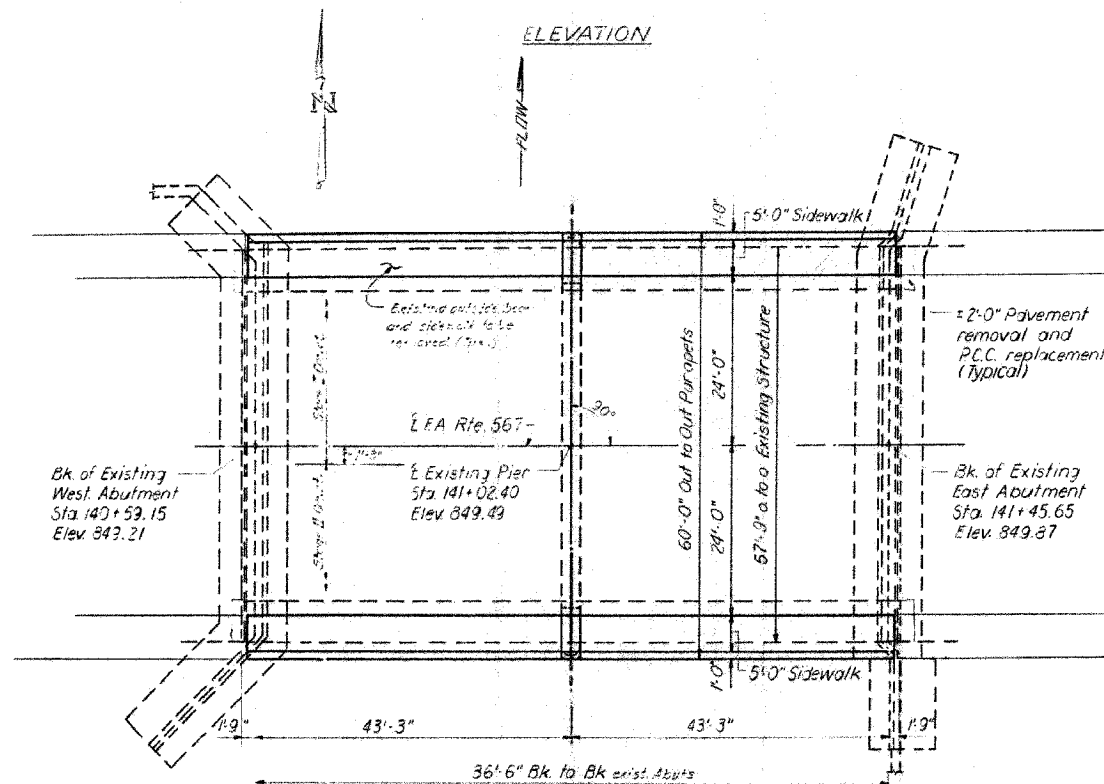
SHEET NO. 1  
9 SHEETS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Benchmark: Metal rivet on S.E. Abutment wing wall right of Station 141+46.00. Elev 850.08.  
Existing Structure: Two span cont. parallel RC Deck Girder Bridge.  
Fascia girders to be removed and replaced with two P.P.C. deck beams, using stage construction.



ELEVATION



PLAN

STATION 141+02.40  
REBUILT BY  
STATE OF ILLINOIS  
FA. 567 SEC. 34X-BY  
FA. PROJ. F567(19)  
LOADING HS20  
STR. NO.

NAME PLATE  
(See Sta. 2113)

\*\* Structure Number to be supplied by District.

GENERAL NOTES

It shall be the responsibility of the Contractor to verify all dimensions and conditions existing in the field prior to construction and ordering of materials.

Expansion bolts shall consist of self-drilling expansion anchors and 3/8" hooked bolts. Hooked bolts shall extend a minimum of 12" into new concrete unless otherwise shown.

The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X concrete, except the aggregates shall conform to the requirements of Handrail Concrete.

Limits of waterproofing membrane system shall be back to back of abutments.

Protective Coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.

The top surface of the beams shall be finished in accordance with Article 505.06 of the Standard Specifications except that the surface shall not be roughened by brooming. The finished surface shall be free of depressions or high spots with sharp corners.

Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 53 Grade 60.

TOTAL BILL OF MATERIALS

Item	Unit	Super	Sub	Total
Bituminous Concrete Surface Course, Class I	Ton	58		58
Waterproofing Membrane System	Sq. Yd.	485		485
Concrete Removal	Cu. Yd.	82	10	92
Protective Coat	Sq. Yd.	165		165
Expansion Bolts (3/8")	Each	60		60
Class X Concrete	Cu. Yd.	50.9	19.9	70.8
Precast Prestressed Concrete Deck Beams (21")	Sq. Ft.	1245		1245
Reinforcement Bars	Pound	2110	1010	3120
Temporary Concrete Barbs	Lbs.	90		90
Aluminum Railing, Type L	Lbs.	174		174
Reinforcement Bars (Epoxy Coated)	Pound	2610		2610
Name Plates	Each	1		1
Portland Cement Mortar Facing Course	Lbs.	178		178
Deck Slab Repair (Partial Depth)	Sq. Yd.	90		90
Expansion Bolts and Epoxy Reinforcement (See 210)	Sq. Ft.	7		7

\*(See Structural Provisions)

DESIGN STRESSES

fc = 5,000 p.s.i.  
fci = 4,000 p.s.i.  
fs = 270,000 p.s.i. (1" Strands)  
fsi = 183,000 p.s.i. (1/2" Strands)

FIELD UNITS

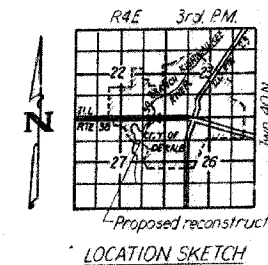
fc = 3,500 p.s.i.  
fy = 60,000 p.s.i.

LOADING HS 20-44

Design Specifications: 1977 AASHTO, and 1976 Interim. Specs as applicable.  
Allow 25 #1 Sq. Ft. for future wearing surface.

WATERWAY INFORMATION

Drainage Area ..... 77.7 Sq. Miles  
Design Discharge (50 Year) ..... 3336 cfs  
Existing Opening ..... 770 Sq. Ft.  
Required Opening ..... 770 Sq. Ft.  
Proposed Opening ..... 770 Sq. Ft.  
Created Head for Design Flood ..... .24 ft.  
100 Year Discharge ..... 3767 cfs  
Created Head ..... .3 ft.



GENERAL PLAN AND ELEVATION  
ILLINOIS ROUTE 38 OVER  
SO. BRANCH OF KISHWAUKEE RIVER  
FA. ROUTE 567 SECTION 34X-BY  
DEKALB COUNTY  
STATION 141+02.40

DESIGNED: J. L. Gonulsen	EXAMINED: [Signature]
CHECKED: J. L. Gonulsen	PASSED: [Signature]
DRAWN: J. L. Gonulsen	APPROVED: [Signature]
CHECKED: J. L. G.	

FOR INFORMATION ONLY

PLOT DATE \* \* \* \* \*  
FILE NAME \* \* \* \* \*  
PLOT SCALE \* \* \* \* \*  
REFERENCE \* \* \* \* \*  
DRAWING \* \* \* \* \*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING BRIDGE PLANS

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

COMPUTER FILE NO. D10800EPLN  
PROJECT 05198  
2/27/06-MDS

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1000 N. WASHINGTON ST., SUITE 100  
DEKALB, ILLINOIS 62521  
TEL: 618-231-1111 FAX: 618-231-1112  
WWW.GREENE-AND-BRADFORD.COM

EXISTING BRIDGE PLANS

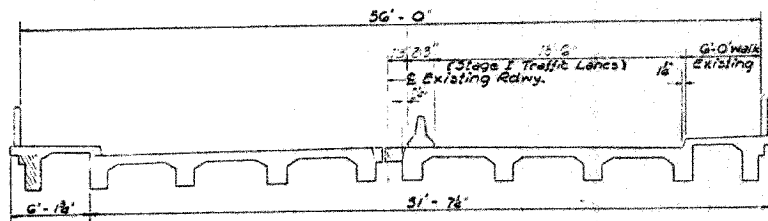


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

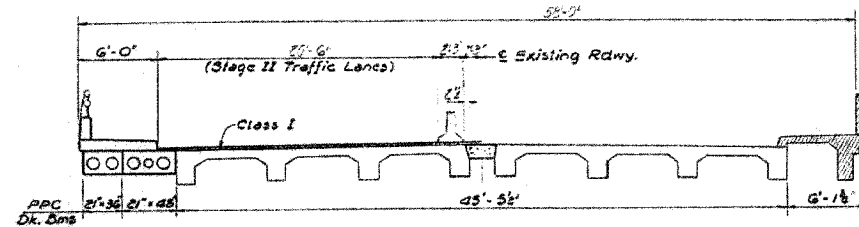
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE	REVISION	BY	NO.	DATE
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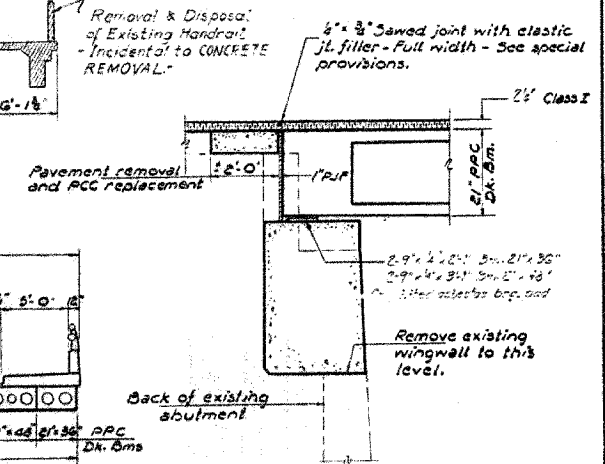
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3 SHEETS



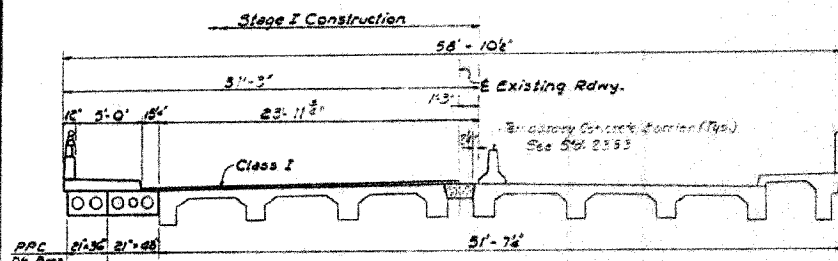
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(Looking East)



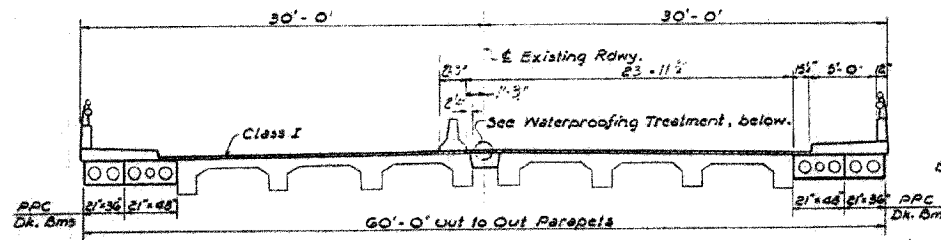
**STAGE II REMOVAL**  
(Looking East)



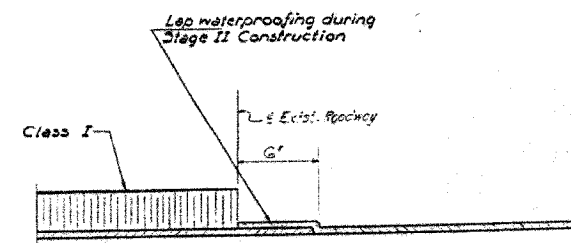
**SECTION THRU ABUT.**



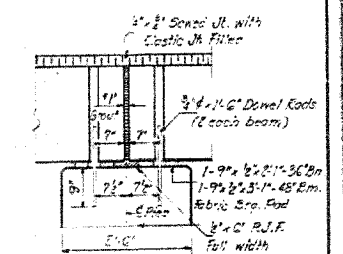
**STAGE I CONSTRUCTION**  
(Looking East)



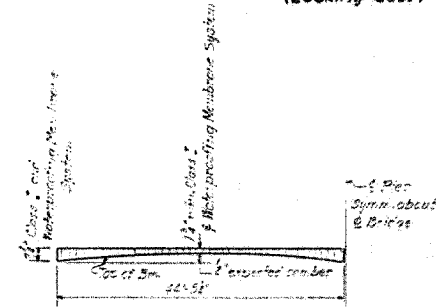
**STAGE II CONSTRUCTION**  
(Looking East)



**WATERPROOFING TREATMENT**



**SEC. THRU PIER**



**CAMBER DIAGRAM**

**STAGE CONSTRUCTION AND SUPERSTRUCTURE DETAILS**  
F.A. ROUTE 567 SEC. 34X-BY  
DEKALB COUNTY  
STATION 141+02.40

DESIGNED <i>J. G. Carbonell</i>	EXAMINED <i>March 30 1974</i>
CHECKED <i>J. I. Gonulux</i>	PASSED <i>C. E. Thompson</i>
DRAWN <i>J. G. Carbonell</i>	APPROVED
CHECKED <i>J. I. G.</i>	

**FOR INFORMATION ONLY**

PLOT DATE: # DATES  
FILE NAME: # FILES  
PLOT SCALE: # SCALES  
PLOTTER: # PLOTTERS  
OPERATOR: # OPERATORS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

**GREENE & BRADFORD, INC.**  
OF STAMFORD  
CONSULTING ENGINEERS  
1000 N. WASHINGTON ST., SUITE 200  
STAMFORD, IL 60558  
TEL: 708.326.1100 FAX: 708.326.1101  
WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO.  
D10800EPLN  
PROJECT 05198  
2/27/06 MDS

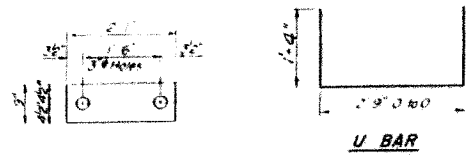
**EXISTING BRIDGE PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

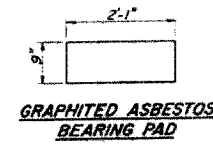
DATE	BY	NO.	REVISION
15	7		

SHEET NO. 5  
9 SHEETS

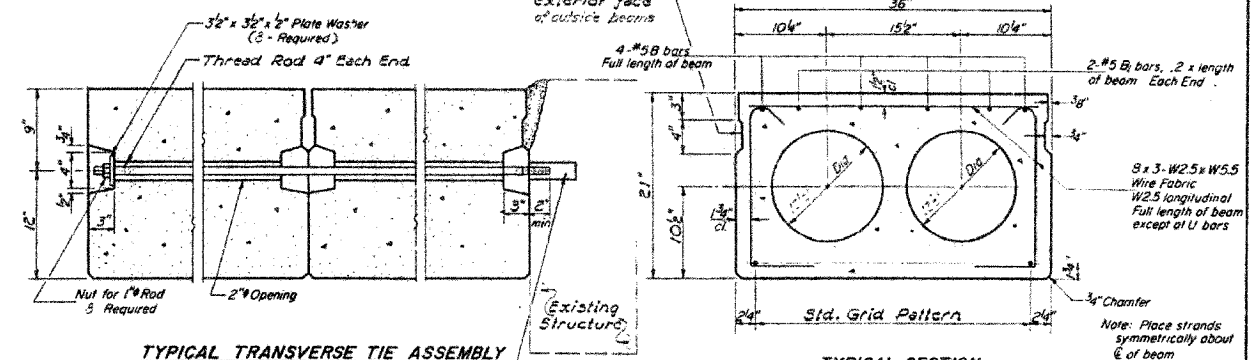


U BAR

FABRIC BEARING PAD

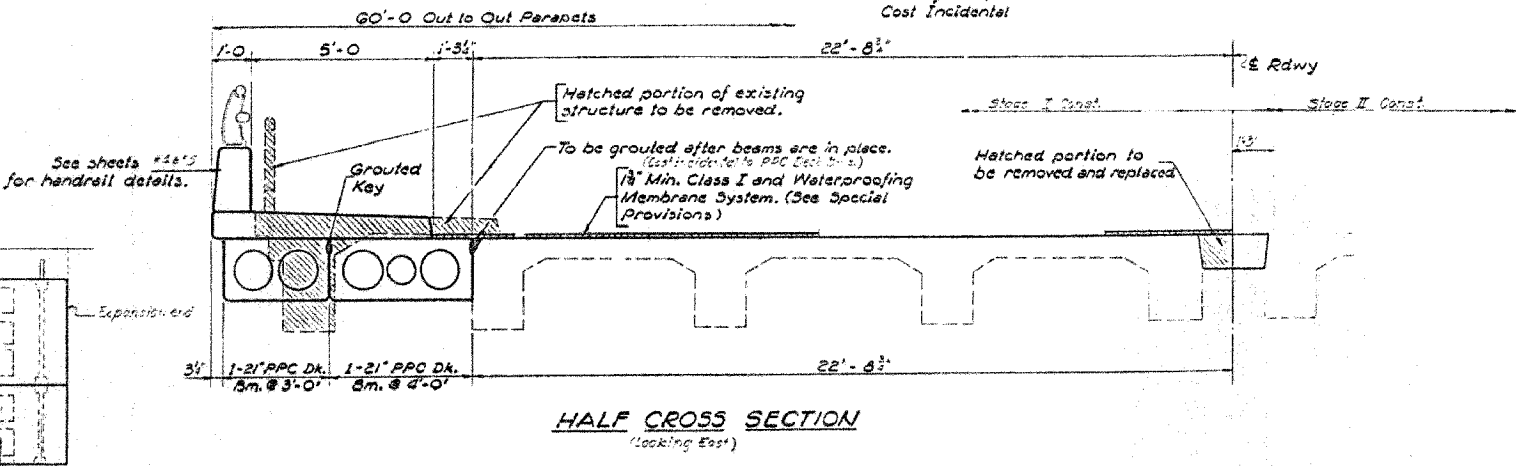


GRAPHITED ASBESTOS BEARING PAD

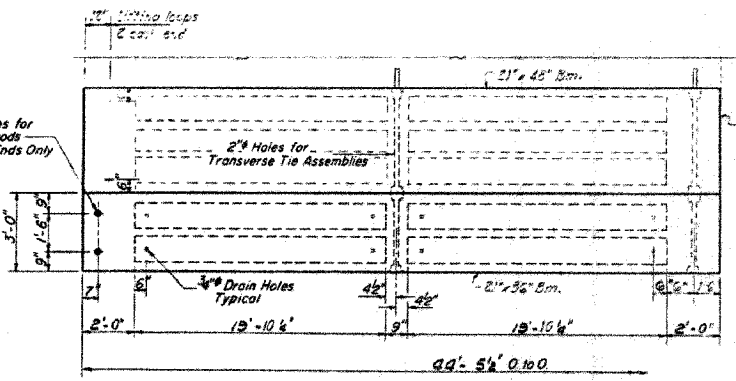


TYPICAL TRANSVERSE TIE ASSEMBLY

TYPICAL SECTION

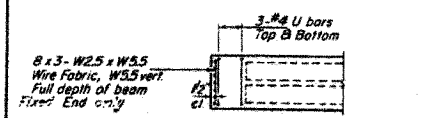


HALF CROSS SECTION  
(Looking East)

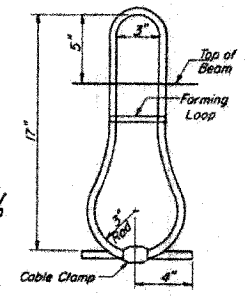


PLAN

6/1/49



END PLAN-FIXED END



LIFTING LOOP DETAIL

DESIGNED	March 30 1979
CHECKED	J. I. Gonulsen
DRAWN	r. b. carbonell
CHECKED	J. I. G.

**NOTES**  
 Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand, Grade 270. The nominal diameter shall be 1/2 inch and the nominal cross-sectional area shall be 0.153 sq. in. Lifting loops shall be 5/8 inch diameter, 6 x 25 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 33,000 lbs.  
 The 1 inch rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar on outside shall be filled with grout after transverse tie assembly is in place.  
 Longitudinal shear keys shall be packed with a very dry mix of 2-1 sand and P.C. mortar after beams have been erected, holes for the dowel anchors shall be drilled into the sub-structure and the anchor dowels shall be grouted in place.  
 Reinforcement bars shall conform to AASHTO: M-31 or M-53, Grade 60.  
 Cost of reinforcement and accessories cast into the beam, of bearing pads, of armor angles, and of grouting longitudinal shear keys is included in unit price bid for "Precast Prestressed Concrete Deck Beams."

**BILL OF MATERIAL**

Bar	No	Size	Length	Shape
Precast Prestressed Concrete Deck Beams (21' x 36')		Sq Ft.	534	

**SUPERSTRUCTURE**  
 F.A. RT. 567 SEC. 34-X-BY  
 DEKALB COUNTY  
 STATION 141+02.40

**FOR INFORMATION ONLY**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**  
 FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. DATE: 2/24/06  
 HORIZ. DATE: 2/24/06  
 DRAWN BY: SUTHEARD  
 CHECKED BY: BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO. D10800EPLN  
 PROJECT 05198  
 2/27/06-MDS

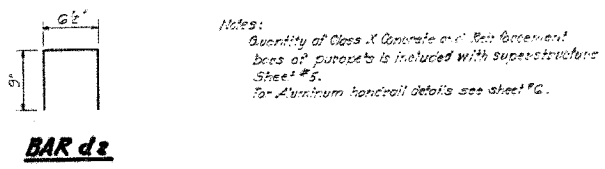
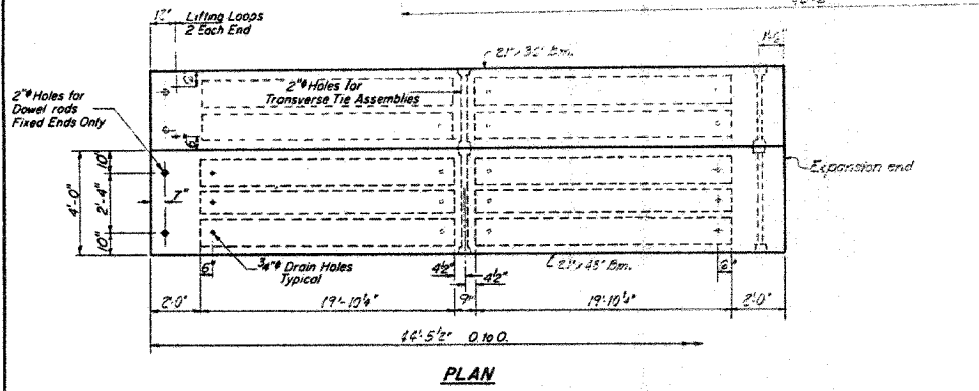
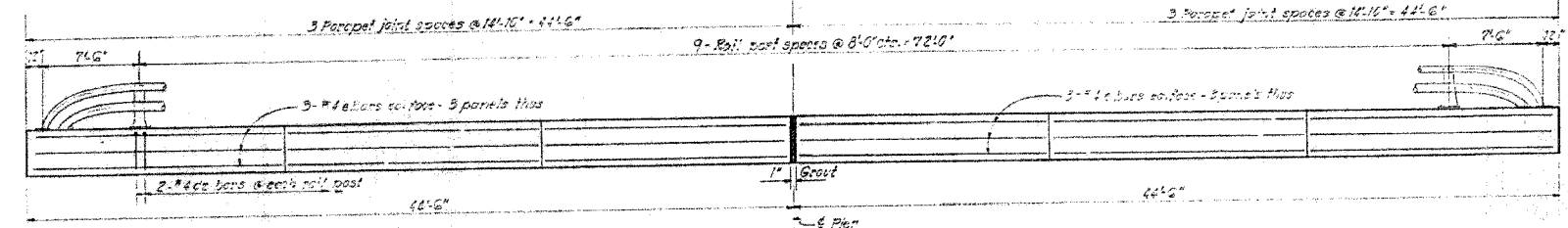
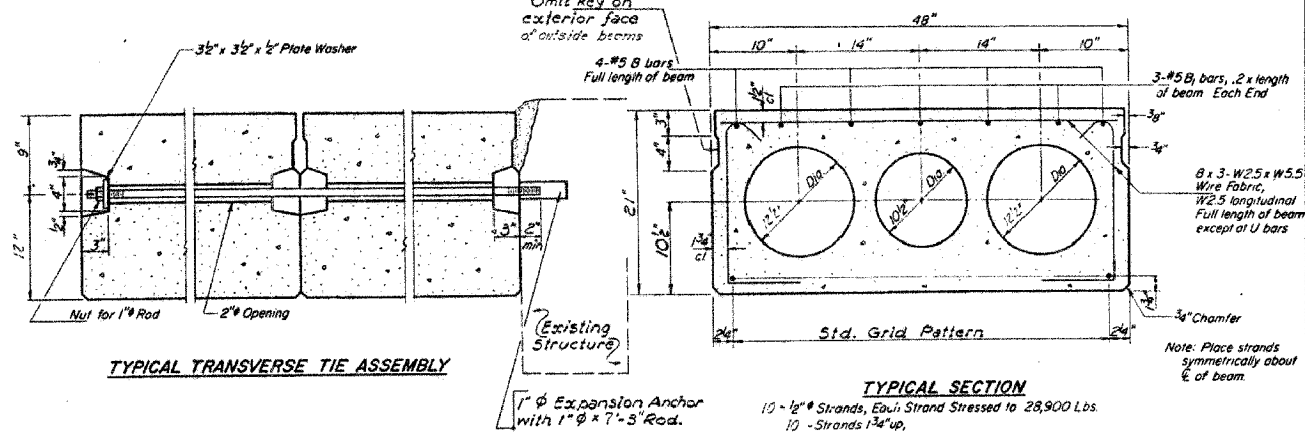
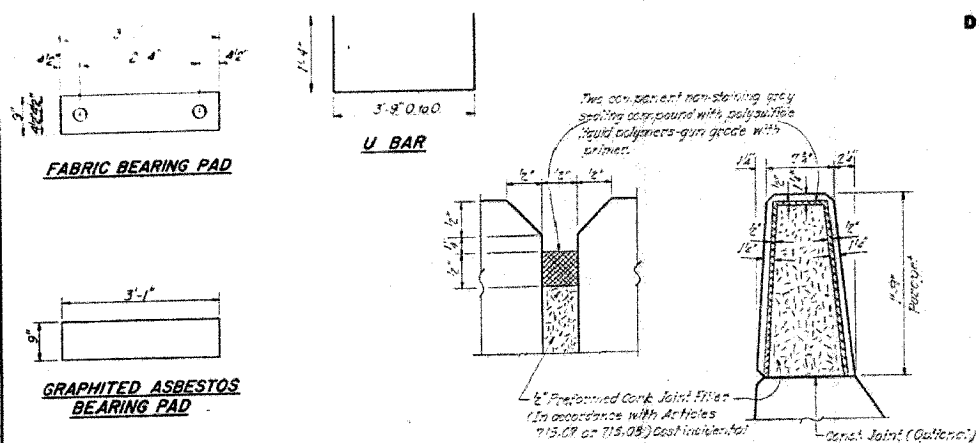
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	50

SHEET NO. 4  
9 SHEETS



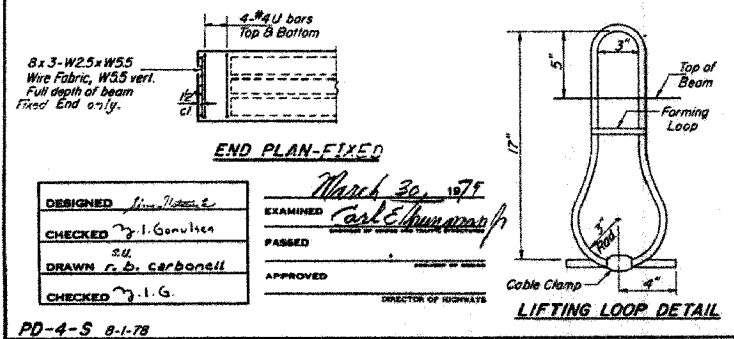
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
Precast Prestressed Concrete Deck Beams (21' x 43')		Sq Ft	711	

**NOTES**  
Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq in. Lifting loops shall be 5/8" diameter, 5 x 25 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 33,000 lbs.  
The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads sat. Pockets that receive transverse tie bar on outside shall be filled with grout after transverse tie assembly is in place.  
Longitudinal shear keys shall be packed with a very dry mix of 2-1 sand and P.C. mortar. After beams have been erected, holes for the dowel anchors shall be drilled into the sub-structure and the anchor dowels shall be grouted in place.  
Reinforcement bars shall conform to AASHTO: M-51 or M-53, Grade 60.

Cost of reinforcement and accessories cast into the beam, of bearing pads, of armor angles, and of grouting longitudinal shear keys is included in unit price bid for Precast Prestressed Concrete Deck Beams.

**SUPERSTRUCTURE**  
F.A. RT. 567 SEC. 34-X-BY  
DEKALB COUNTY  
STATION 141+02.40



DESIGNED: *[Signature]*  
CHECKED: *[Signature]*  
DRAWN: *[Signature]*  
CHECKED: *[Signature]*

EXAMINED: *[Signature]*  
PASSED: *[Signature]*  
APPROVED: *[Signature]*  
DIRECTOR OF HIGHWAYS

March 30, 1977

PD-4-S 8-1-78

**FOR INFORMATION ONLY**

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FILE NAME = #FILES  
PLOT SCALE = #SCALE  
REFERENCE = #REFS  
OPERATOR = #USERS

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 2/24/06

DRAWN BY: SUTHEARD  
CHECKED BY: BOTT

GREENB & BRADFORD, INC.  
OF SPRINGFIELD

COMPUTER FILE NO. D10800EPLN  
PROJECT 05198  
2/27/06-MDS

**EXISTING BRIDGE PLANS**

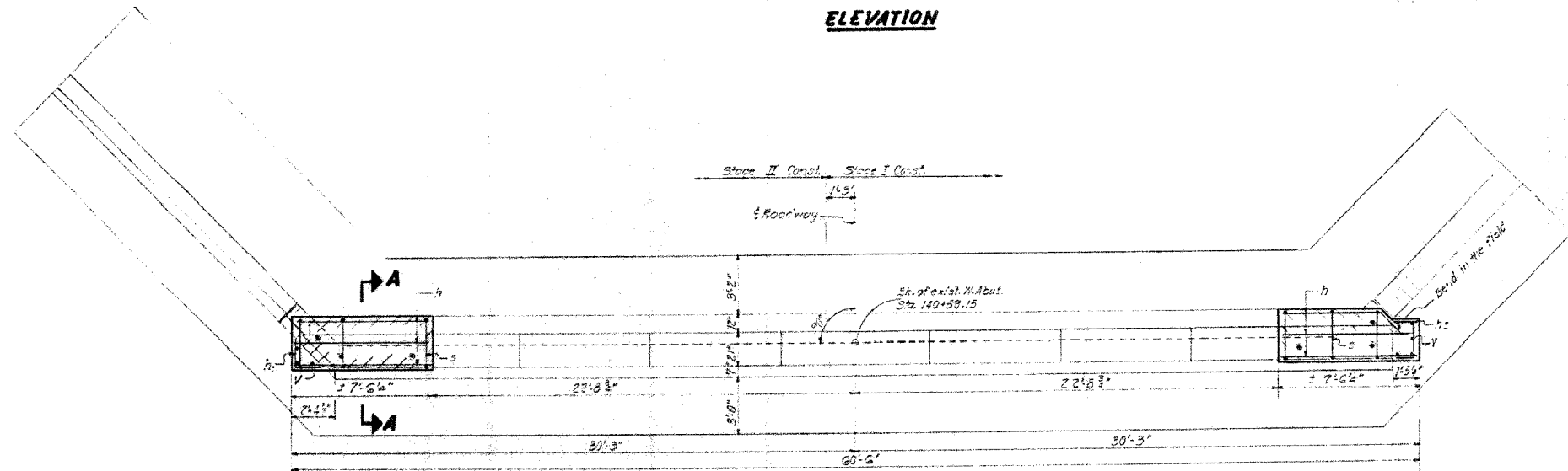
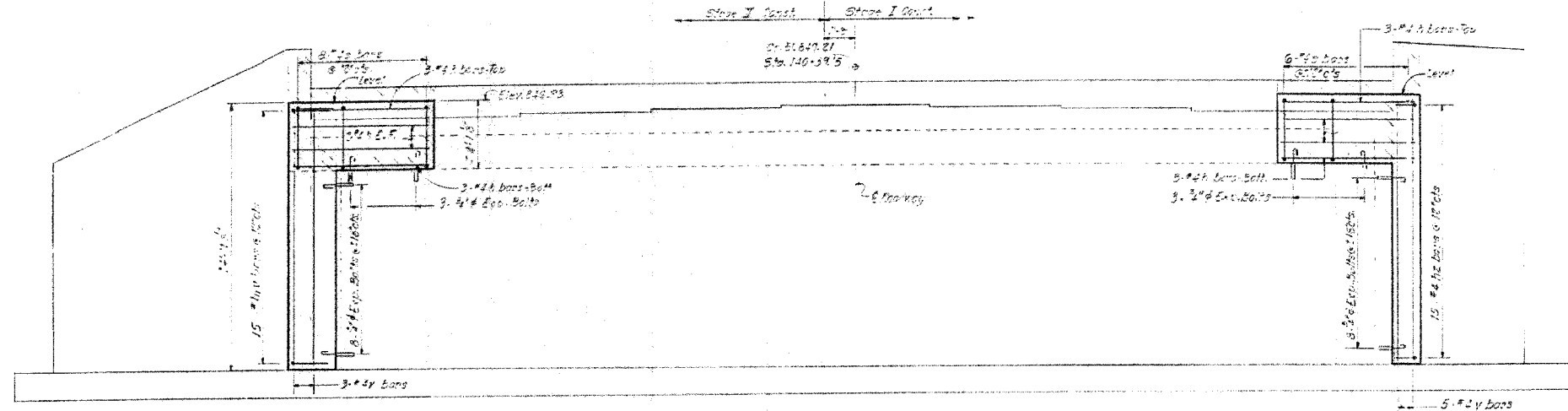




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

REVISED	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
15	11	9	SHEETS	

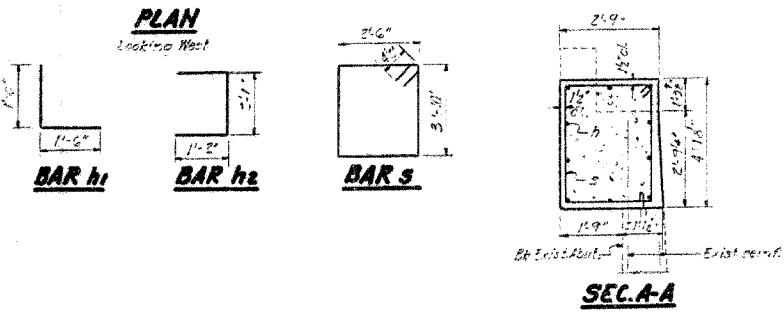
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**BILL OF MATERIAL**

Qty	No.	Size	Length	Shape
h	20	#4	71.3"	
h	15	#4	31.0"	
ht	15	#4	41.5"	
s	12	#2	13.5"	
v	6	#2	13.0"	
Concrete Removal		Cu. Yd.	5	
Class X Concrete		Outer	8.2	
Reinforcement Bars		Pound	350	
Expansion Bolts (#4)		Each	22	

Notes:  
Hatched areas indicate concrete removal.  
Reinforcement extending into removed area shall be cleared and incorporated into the new concrete.  
All edges shall have standard chamfers unless otherwise noted.  
Expansion bolts shall be anchored in sound concrete.



**WEST ABUTMENT**  
**F.A. RT. 567 SEC. 34-X-BY**  
**DEKALB COUNTY**  
**STA. 141+02.40**

DESIGNED	<i>[Signature]</i>	EXAMINED	<i>Mark 30 10/11</i>
CHECKED	<i>I. Ganulsen</i>	PASSED	<i>[Signature]</i>
DRAWN	<i>S.U.</i>	APPROVED	<i>[Signature]</i>
CHECKED	<i>I.G.</i>		

**FOR INFORMATION ONLY**

DATE = 04/05  
FILE NAME = 8/FILEL  
PLOT SCALE = 8/SCALE  
REFERENCE = 8/REF  
DESCRIPTION = 8/DESC

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GRENE & BRADFORD, INC.  
OF SPRINGFIELD

COMPUTER FILE NO.  
D10800EPLN

PROJECT 05198  
2/21/06-MDS

**EXISTING BRIDGE PLANS**

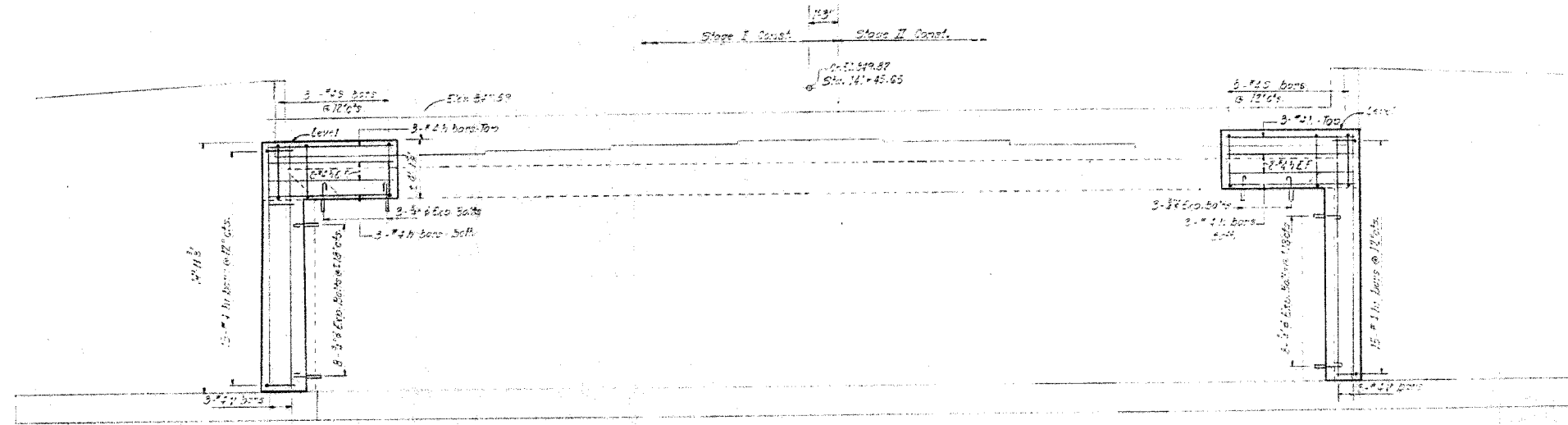


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

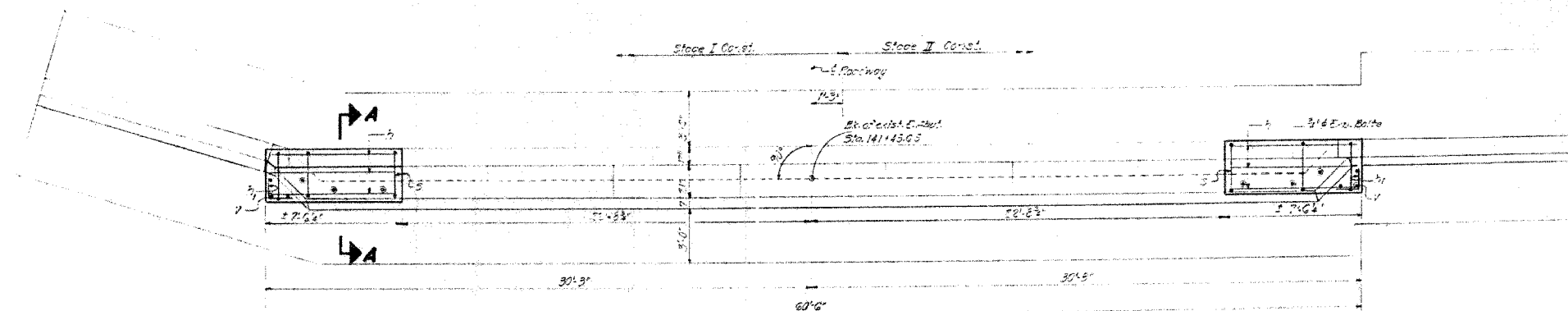
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE	BY	REVISION	TOTAL SHEETS	SHEET NO.
2/27/06	SM	REVISED	90	54

SHEET NO. 3  
9 SHEETS

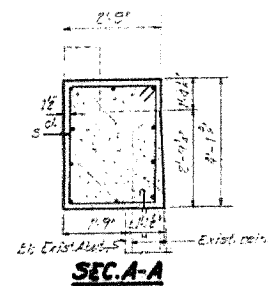
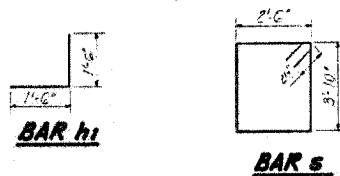


**ELEVATION**



**PLAN**  
(Looking East)

Note:  
Hatched areas indicate Concrete Removal.  
All edges shall have 2" x 2" chamfers unless otherwise noted.  
Reinforcement extending into removed area shall be cleaned and incorporated into the new construction.  
Expansion bolts shall be anchored in sound concrete.



**BILL OF MATERIAL**

Bar	No.	Size	Length	Qty.
h	20	#4	7'-3"	
h'	30	#4	3'-0"	
s	16	#2	15'-5"	
v	6	#2	12'-7"	
Concrete Removal				
Class II Concrete	Qty.	5		
Reinforcement Bars	Qty.	5.3		
Expansion Bolts (4")	Each	22		

**EAST ABUTMENT**  
**F.A.R.T. 567 SEC. 34-X-BY**  
**DEKALB COUNTY**  
**STA. 141+02.40**

DESIGNED	J. J. [Signature]	EXAMINED	Carl E. [Signature]
CHECKED	J. J. Gundersen	PASSED	
DRAWN	S. G.	APPROVED	
CHECKED	J. G.		

**FOR INFORMATION ONLY**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
OF SPRINGFIELD

COMPUTER FILE NO.  
D10800EPLN  
PROJECT 05198  
2/27/06-MDS

**EXISTING BRIDGE PLANS**

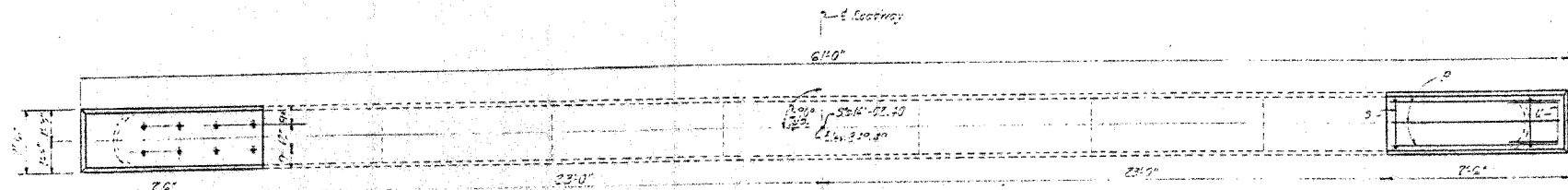
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PLOTTER = PLOTTER  
OPERATOR = USER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

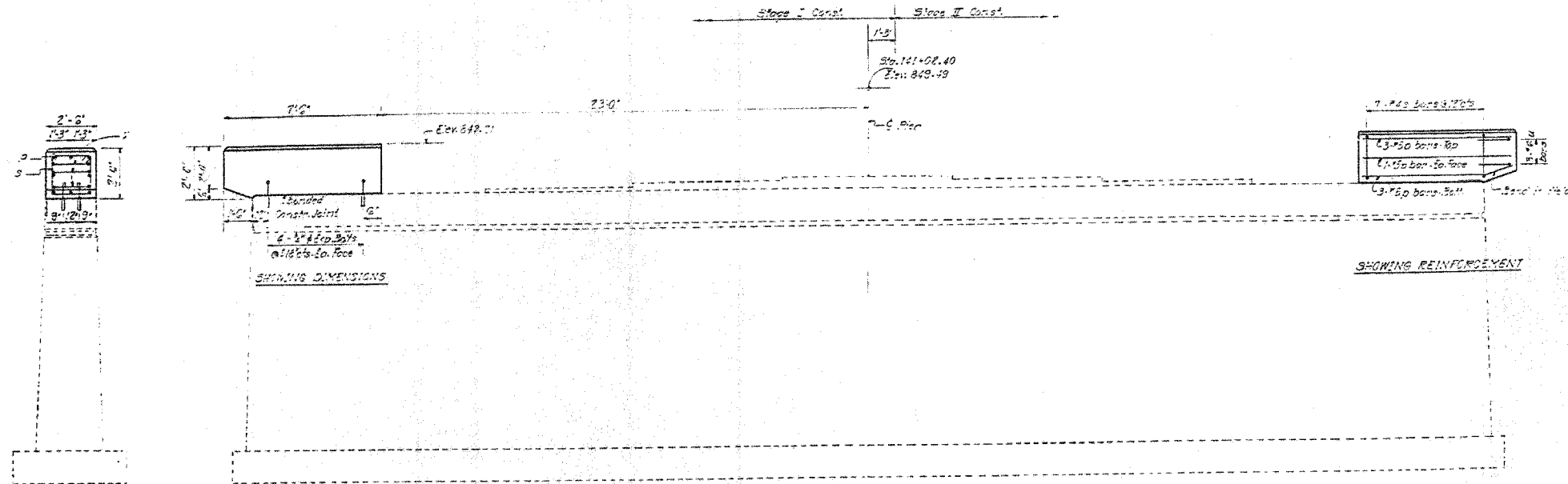
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE	DESCRIPTION	BY	NO.
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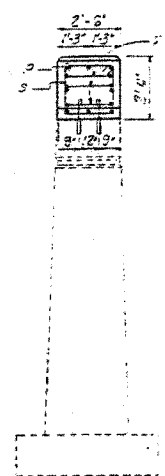
SHEET NO. 9  
9 SHEETS



**TOP PLAN**

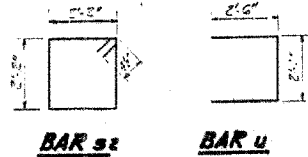


**ELEVATION**  
(Looking East)



**END VIEW**

Notes:  
Reinforcement bars shall be anchored in sound concrete.  
All edges shall have standard dimensions unless otherwise noted.



**BILL OF MATERIAL**

Bar	No.	Size	Length	Sh. Co.
p	16	#5	7'-9"	
st	16	#4	8'-3"	1
u	6	#5	7'-1"	
Class of Concrete		Con. 4	3.0	
Reinforcement Bars		4#4	2.28	
Expansion Bars (3/8)		Each	16	

**PIER**  
**F.A.R.T. 567 SEC. 34-X-BY**  
**DEKALB COUNTY**  
**STA. 141+02.40**

DESIGNED	March 20 1977
CHECKED	Carl E. Thompson
DRAWN	S.U.
CHECKED	J.L.G.

**FOR INFORMATION ONLY**

PLOT DATE = 04/05/77  
FILE NAME = 5FILES  
PLOT SCALE = 1/4"=1'-0"  
SOURCE = MRE  
OPERATOR = MRE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT.      DRAWN BY SUTHEARD  
          HORIZ.      CHECKED BY BOTT  
DATE 2/24/06

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS  
PROFESSIONAL SURVEYORS  
PROFESSIONAL LAND SURVEYORS  
PROFESSIONAL GEOTECHNICAL ENGINEERS

COMPUTER FILE NO.  
D10800EPLN  
PROJECT 05198  
2/27/06-MDS

**EXISTING BRIDGE PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS  
DIVISION OF HIGHWAYS  
PLANS FOR PROPOSED  
STATE BOND ISSUE HIGHWAY

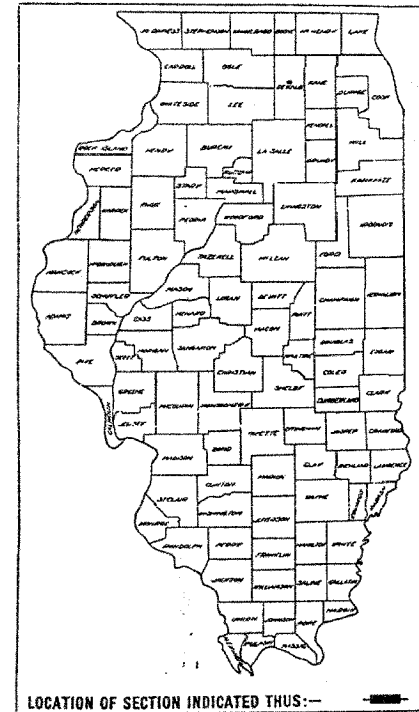
INDEX OF SHEETS

Sheet No.	Title Page
1	Title Page
2	Details of Modified Approach Skb; Standard 1909R
3	Plan of Approaches to Temporary Bridge
4	Plan and Profile Sta. 82+51.92 to Sta. 83+87.08
5-12	Special Bridge Design Sta. 83+24.5' (and Temporary Br. R.L. Sta. 83+22.75) Sheets 1-8 of 8
13	Standard 1971, 1972, 1981

SCALES

PLAN	1 INCH = 100 FT.
PROFILE, HOR.	1 INCH = 100 FT.
PROFILE, VERT.	1 INCH = 10 FT.
CROSS-SECTIONS	1 INCH = 5 FT.

S.B.I. RTE. 6, SEC. 34-X-B, DEKALB CO.  
PROJECT U-1 (25)

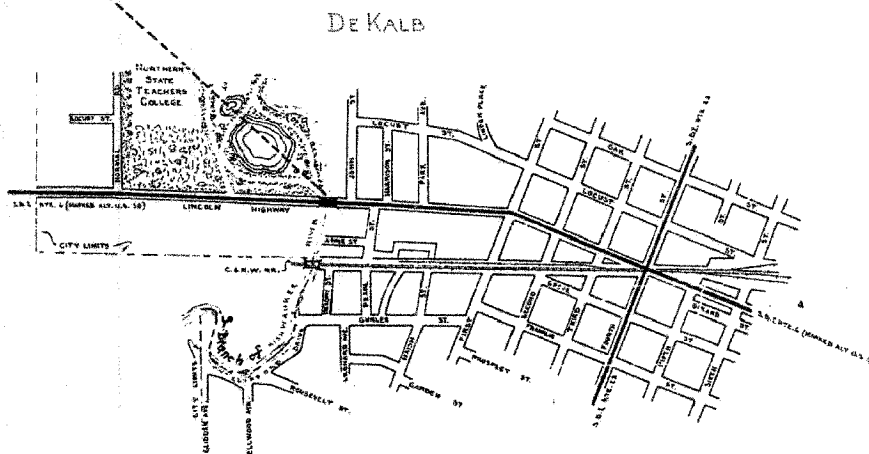


SUMMARY OF QUANTITIES

928 Cu.Yds.	Class A Concrete
483.3 Cu.Yds.	Class X Concrete
24,830 Lbs.	Reinforcement Bars
2,510 Lbs.	Structural Steel
23 Cu.Yds.	Handrail Concrete
163 Lin.Ft.	Metal Handrail
26 Each	Floor Drains
1 Each	Removal of Existing Structures
3 Each	Reconstruction of 12" Storm Sewers
Lump Sum	Stone Railing
Lump Sum	Temporary Bridge
191 Sq.Yds.	Pavement Removal
673 Sq.Ft.	Sidewalk Removal
183.5 Sq.Yds.	P.C. Concrete Pavement (16 1/2' x 16 1/2')
62 Lin.Ft.	Curb Transition
507 Sq.Ft.	P.C. Concrete Sidewalk (5')
100 Cu.Yds.	Modified Gravel or Crushed Stone Surface Course, Type B
0.25 Tons	Calcium Chloride Applied
60 Cu.Yds.	Borrow Excavation
760 Sq.Yds.	Lawn Reconstruction
50 Cu.Yds.	Top Soil
190 Sq.Yds.	Sodding
1 Each	Name Plate

SEC. 34-X-B INCLUDES

R.C. Deck Girder Bridges over the South Branch of  
Kishwaukee River, Span 2 at 1  
feet at Station 83+24.5, a point  
in DeKalb on Lincoln Highway  
approximately 200 feet west  
of John Street; and paved approaches.



019-0002

019-6602

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS  
DIVISION OF HIGHWAYS

5-21 1958

REVISIONS

10-16 1958  
C.D. R. [Signature]

10-16 1958  
H.E. Sumner [Signature]

10-16 1958  
W.W. Park [Signature]

10-16 1958  
W.C. [Signature]

RECOMMENDED FOR APPROVAL DATE

DISTRICT ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED DATE

DIVISION ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY

REEL 1-6

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING BRIDGE PLANS

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. DRAWN BY SUTHEARD  
HORIZ. CHECKED BY BOTT  
DATE 2/24/06

GREENE & BRADFORD, INC. OF SPRINGFIELD	COMPUTER FILE NO. D10800EPLN
PROJECT 05198	2/27/06-MDS

EXISTING BRIDGE PLANS

FOR INFORMATION ONLY

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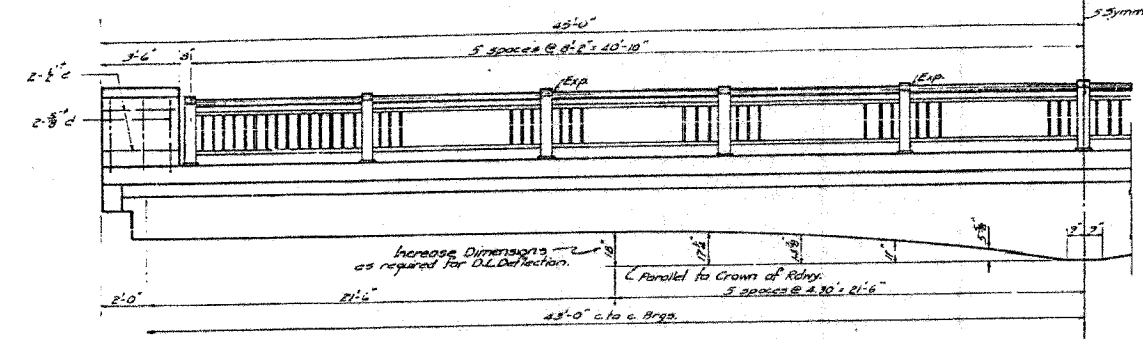


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

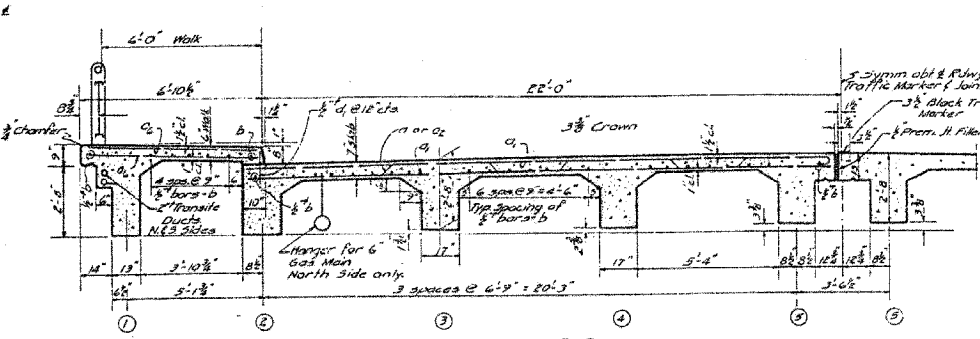
STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

APPROVED SHEET NO.	MULTIPLY	QUANTITY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SHEET NO. 2  
8 SHEETS

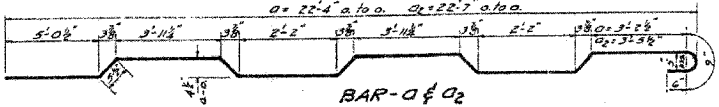


HALF ELEVATION

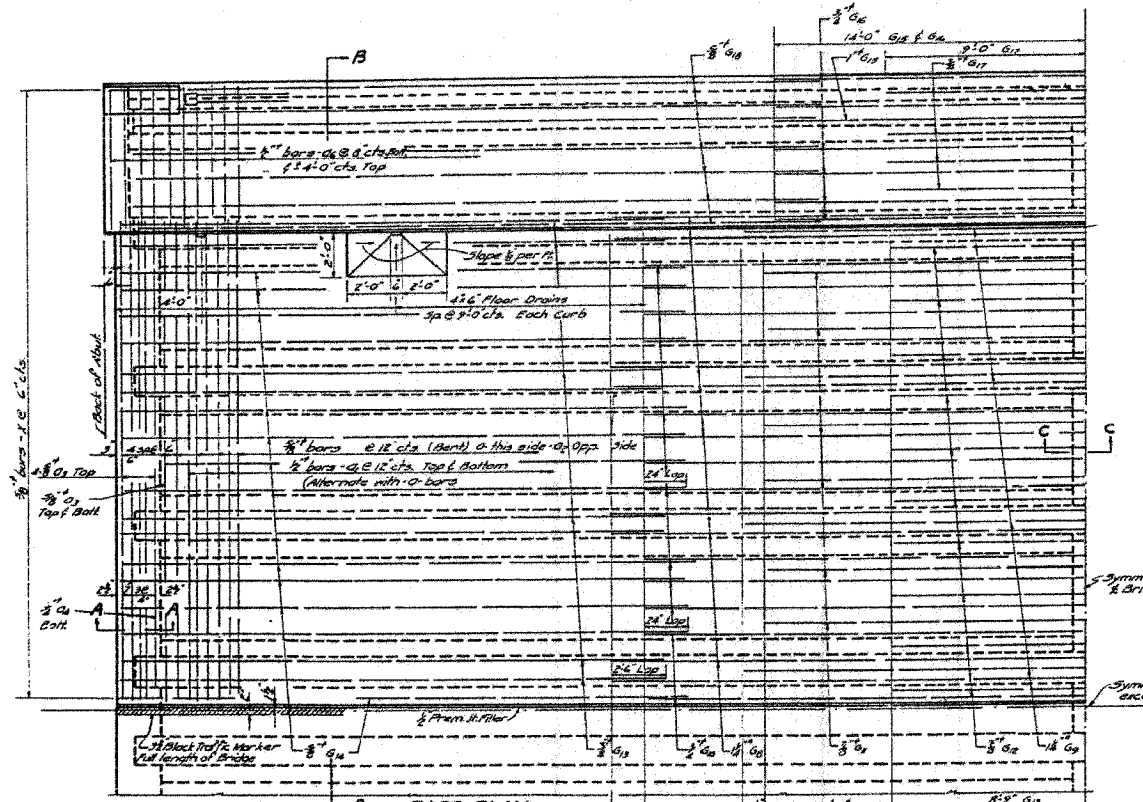


SECTION A-A

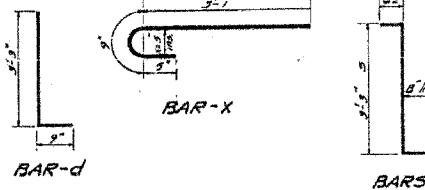
NOTE: Transite Ducts shall be 2" clear from surfaces of concrete and 2" clear between Ducts.



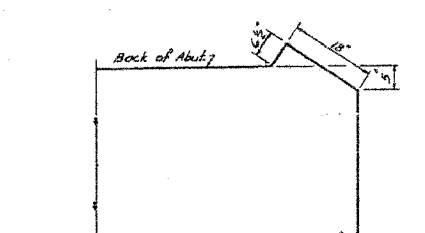
BAR-O & O2



PART PLAN



DETAIL OF SLAB AT N.W. CORNER



SECTION C-C

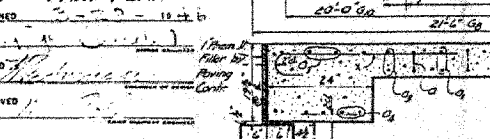
BILL OF MATERIAL - SUPERSTRUCTURE

BAR NO.	SIZE	LENGTH	SHAPE	BAR NO.	SIZE	LENGTH	SHAPE
O1	3/8"	21'-0"	U	G1	3/8"	18'-0"	C
O2	3/8"	22'-0"	U	G2	3/8"	18'-0"	C
O3	3/8"	22'-0"	U	G3	3/8"	18'-0"	C
O4	3/8"	22'-0"	U	G4	3/8"	18'-0"	C
O5	3/8"	22'-0"	U	G5	3/8"	18'-0"	C
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O8	3/8"	22'-0"	U	G8	3/8"	18'-0"	C
O9	3/8"	22'-0"	U	G9	3/8"	18'-0"	C
O10	3/8"	22'-0"	U	G10	3/8"	18'-0"	C
O11	3/8"	22'-0"	U	G11	3/8"	18'-0"	C
O12	3/8"	22'-0"	U	G12	3/8"	18'-0"	C
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O44	3/8"	22'-0"	U	G44	3/8"	18'-0"	C
O45	3/8"	22'-0"	U	G45	3/8"	18'-0"	C
O46	3/8"	22'-0"	U	G46	3/8"	18'-0"	C
O47	3/8"	22'-0"	U	G47	3/8"	18'-0"	C
O48	3/8"	22'-0"	U	G48	3/8"	18'-0"	C
O49	3/8"	22'-0"	U	G49	3/8"	18'-0"	C
O50	3/8"	22'-0"	U	G50	3/8"	18'-0"	C
O51	3/8"	22'-0"	U	G51	3/8"	18'-0"	C
O52	3/8"	22'-0"	U	G52	3/8"	18'-0"	C
O53	3/8"	22'-0"	U	G53	3/8"	18'-0"	C
O54	3/8"	22'-0"	U	G54	3/8"	18'-0"	C
O55	3/8"	22'-0"	U	G55	3/8"	18'-0"	C
O56	3/8"	22'-0"	U	G56	3/8"	18'-0"	C
O57	3/8"	22'-0"	U	G57	3/8"	18'-0"	C
O58	3/8"	22'-0"	U	G58	3/8"	18'-0"	C
O59	3/8"	22'-0"	U	G59	3/8"	18'-0"	C
O60	3/8"	22'-0"	U	G60	3/8"	18'-0"	C
O61	3/8"	22'-0"	U	G61	3/8"	18'-0"	C
O62	3/8"	22'-0"	U	G62	3/8"	18'-0"	C
O63	3/8"	22'-0"	U	G63	3/8"	18'-0"	C
O64	3/8"	22'-0"	U	G64	3/8"	18'-0"	C
O65	3/8"	22'-0"	U	G65	3/8"	18'-0"	C
O66	3/8"	22'-0"	U	G66	3/8"	18'-0"	C
O67	3/8"	22'-0"	U	G67	3/8"	18'-0"	C
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O69	3/8"	22'-0"	U	G69	3/8"	18'-0"	C
O70	3/8"	22'-0"	U	G70	3/8"	18'-0"	C
O71	3/8"	22'-0"	U	G71	3/8"	18'-0"	C
O72	3/8"	22'-0"	U	G72	3/8"	18'-0"	C
O73	3/8"	22'-0"	U	G73	3/8"	18'-0"	C
O74	3/8"	22'-0"	U	G74	3/8"	18'-0"	C
O75	3/8"	22'-0"	U	G75	3/8"	18'-0"	C
O76	3/8"	22'-0"	U	G76	3/8"	18'-0"	C
O77	3/8"	22'-0"	U	G77	3/8"	18'-0"	C
O78	3/8"	22'-0"	U	G78	3/8"	18'-0"	C
O79	3/8"	22'-0"	U	G79	3/8"	18'-0"	C
O80	3/8"	22'-0"	U	G80	3/8"	18'-0"	C
O81	3/8"	22'-0"	U	G81	3/8"	18'-0"	C
O82	3/8"	22'-0"	U	G82	3/8"	18'-0"	C
O83	3/8"	22'-0"	U	G83	3/8"	18'-0"	C
O84	3/8"	22'-0"	U	G84	3/8"	18'-0"	C
O85	3/8"	22'-0"	U	G85	3/8"	18'-0"	C
O86	3/8"	22'-0"	U	G86	3/8"	18'-0"	C
O87	3/8"	22'-0"	U	G87	3/8"	18'-0"	C
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O94	3/8"	22'-0"	U	G94	3/8"	18'-0"	C
O95	3/8"	22'-0"	U	G95	3/8"	18'-0"	C
O96	3/8"	22'-0"	U	G96	3/8"	18'-0"	C
O97	3/8"	22'-0"	U	G97	3/8"	18'-0"	C
O98	3/8"	22'-0"	U	G98	3/8"	18'-0"	C
O99	3/8"	22'-0"	U	G99	3/8"	18'-0"	C
O100	3/8"	22'-0"	U	G100	3/8"	18'-0"	C

Class X Concrete	Cu. Yds.	2.9
Handrail Concrete	Cu. Yds.	215.5
Reinforcement Bars	Lbs.	60010
Structural Steel	Lbs.	4310
Floor Drains	Each	20
Metal Handrail	Lin. Ft.	163.3

PROJECT-U-1(25)  
S.O. BRANCH KISHWALKEE RIVER  
F.A. RT. 7 (S.B. RT. 6) SEC. 34X-B  
DE KALB COUNTY  
STA. 83+24.5

COMPUTED	Henry P. ...
CHECKED	R. L. Smith
DRAWN	H. P. G. ...
CHECKED	R. L. S.
SPECIAL	ASSEMBLED
	CHECKED



FOR INFORMATION ONLY

PLOT DATE = 8/20/06  
FILE NAME = 061114  
PLOT SCALE = 1/8"=1'-0"  
REFERENCE = REF  
DEFINITION = 00000

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING BRIDGE PLANS

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. 1/8"=1'-0"  
HORIZ. 1/4"=1'-0"  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1017 N. ...  
PROJECT 05198  
2/27/06-MDS

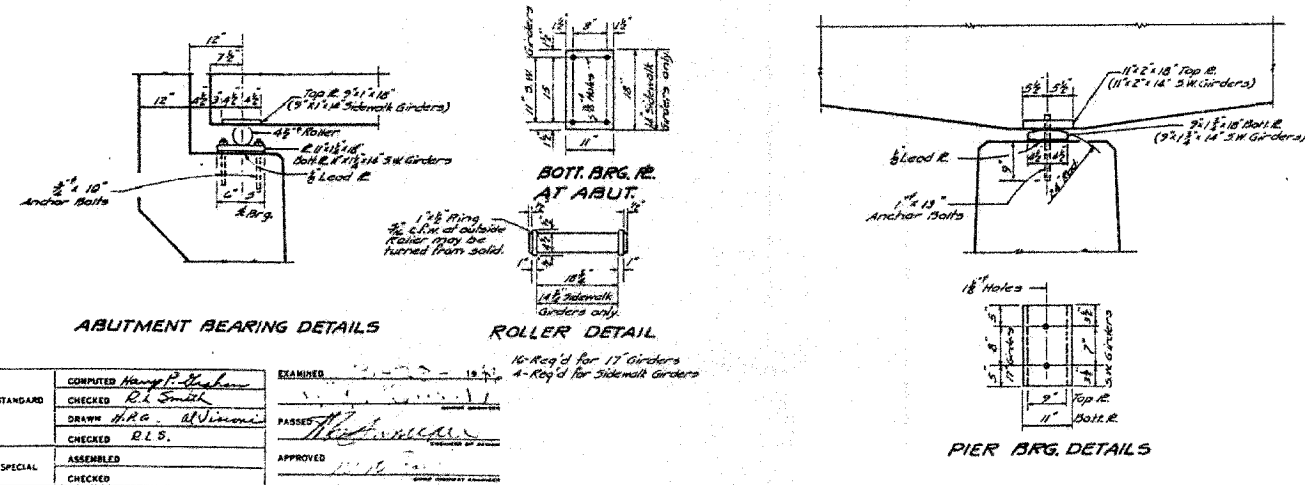
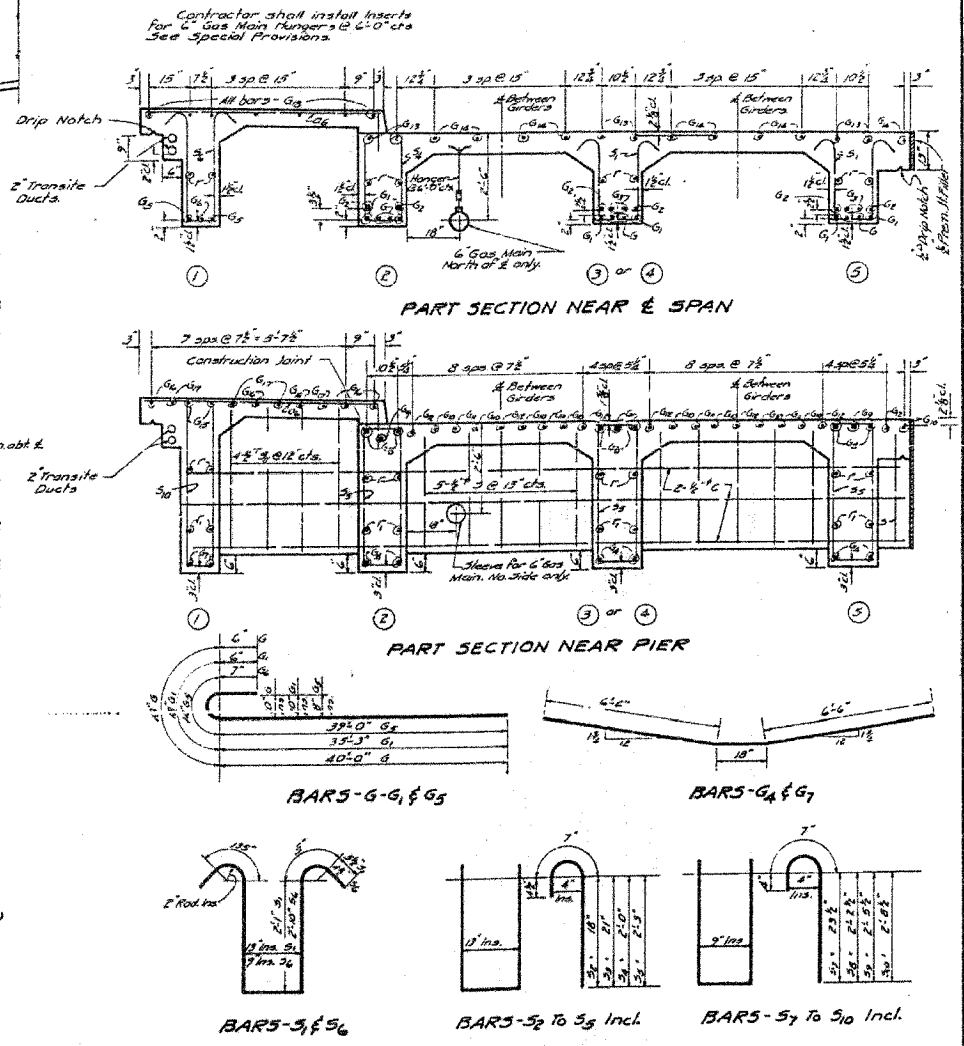
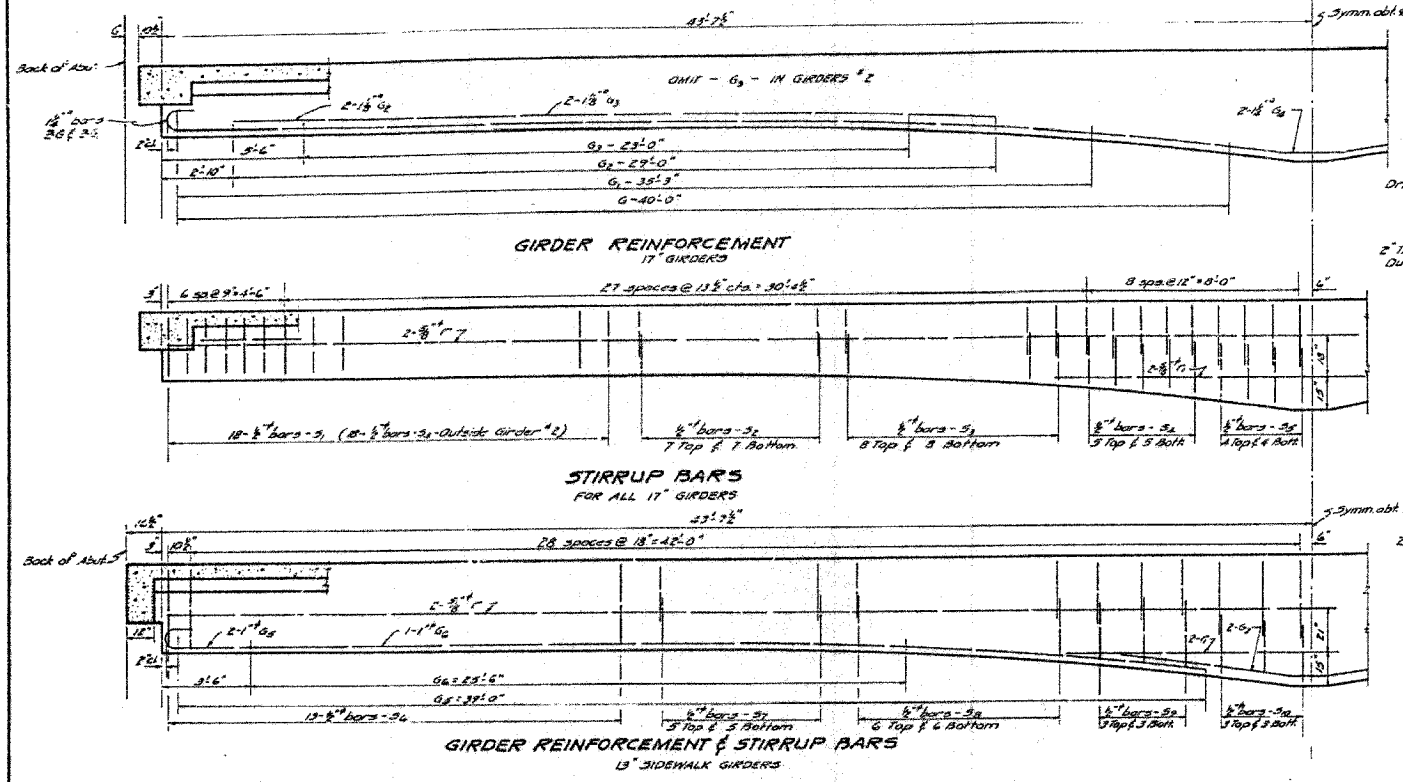
COMPUTER FILE NO. D10800EPLN

EXISTING BRIDGE PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6	34X-B	DEKALB	13	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



COMPUTED	H. P. H. H.	EXAMINED	
CHECKED	R. L. Smith	PASSES	
DRAWN	H. R. G. M. J. Simon	APPROVED	
CHECKED	R. L. S.		
SPECIAL	ASSEMBLED		
CHECKED			

PROJECT - U-1(25)  
SO. BRANCH KISHWAUKEE RIVER  
F.A.P. 7(S.B.I. RT. 6) SEC. 34X-B  
DE KALB COUNTY  
STA. 83+24.5

**FOR INFORMATION ONLY**

PLAT DATE = 04/05  
FILE NAME = 05FILES  
PLOT SCALE = 1/8"=1'-0"  
PLOT DATE = 04/05  
OPERATOR = MUSEK

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

COMPUTER FILE NO.  
D10800EPLN

PROJECT 05198  
2/27/06-MDS

REVISIONS	
NAME	DATE

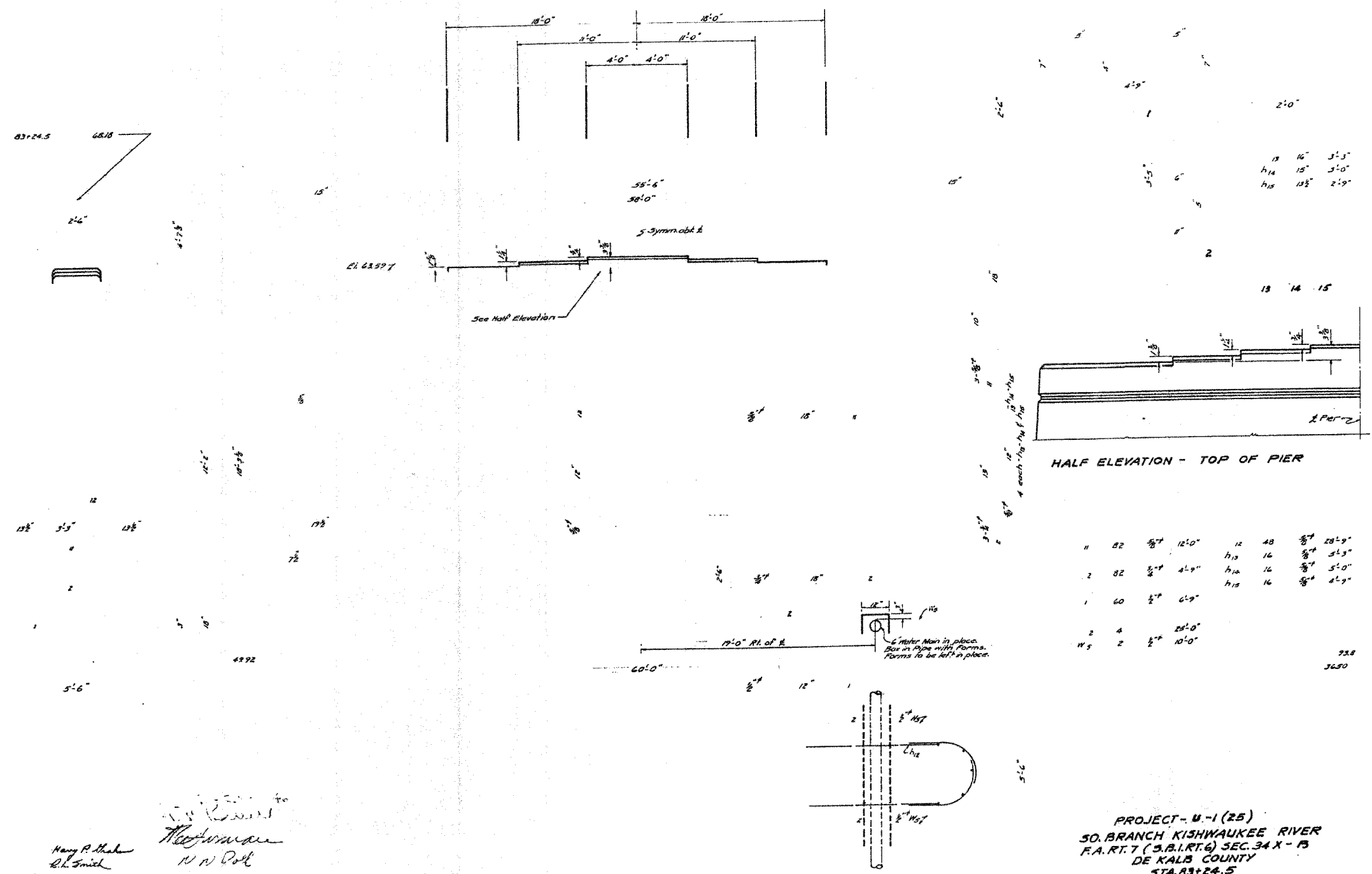
**EXISTING BRIDGE PLANS**





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

G 34-XB DEKALB 13 4 8



to  
 Harry P. Mahan  
 D.L. Smith  
 Hoffman  
 N.W. Post

PROJECT - U-1 (25)  
 SO. BRANCH KISHWAUKEE RIVER  
 F.A. RT. 7 (S.B. RT. 6) SEC. 34 X - B  
 DE KALB COUNTY  
 STA. 83+24.5  
 STANDARD 1983-A

**FOR INFORMATION ONLY**

PLOT DATE = #DATE#  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 PLOT DEVICE = #PLOT#  
 OPERATOR = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 2/24/06

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO.  
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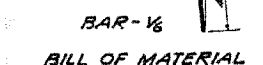
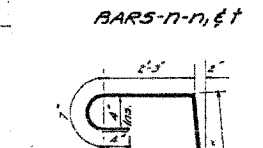
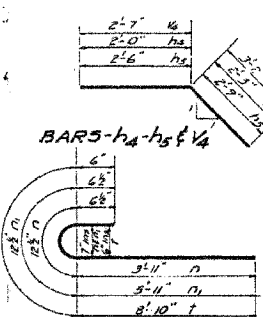
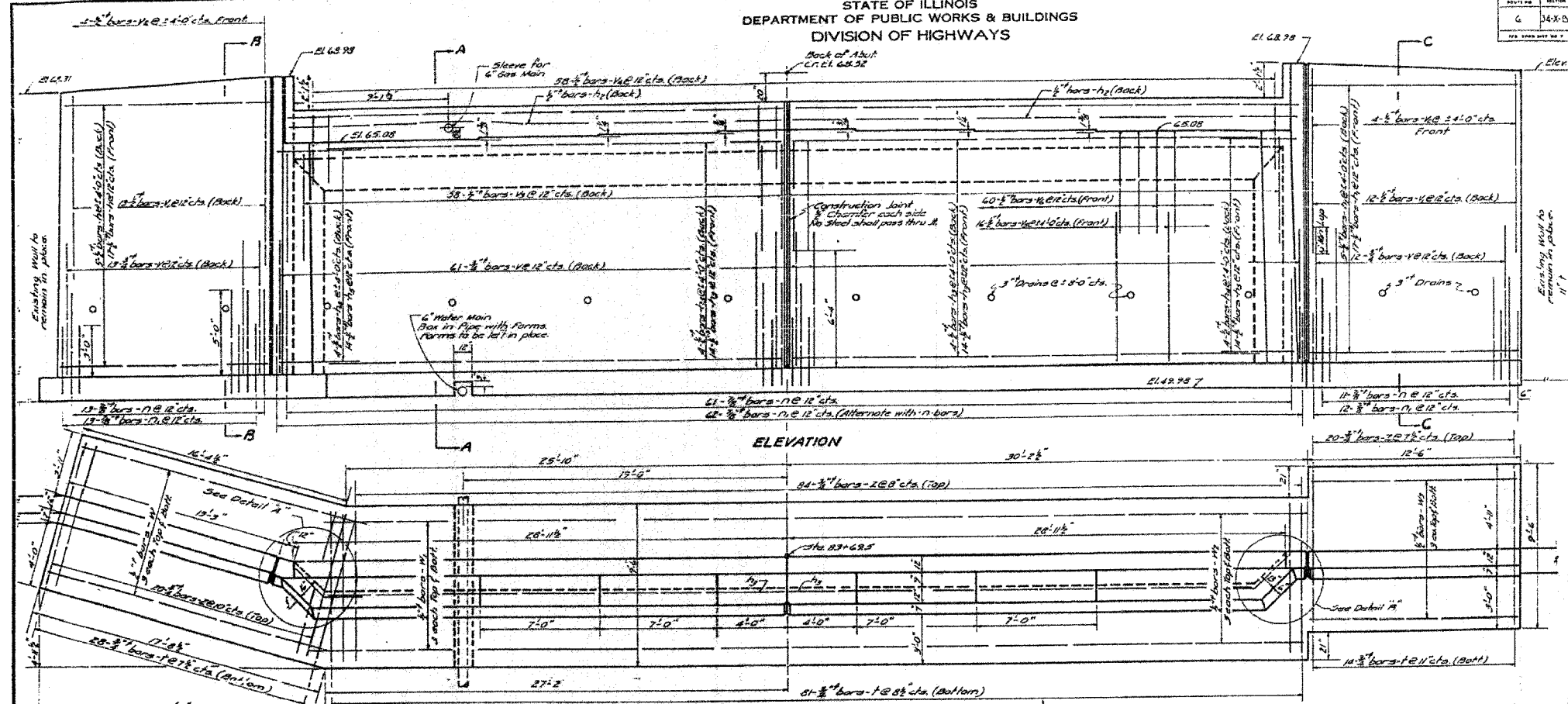
PROJECT 05198  
 2/27/06-MDS

**EXISTING BRIDGE PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

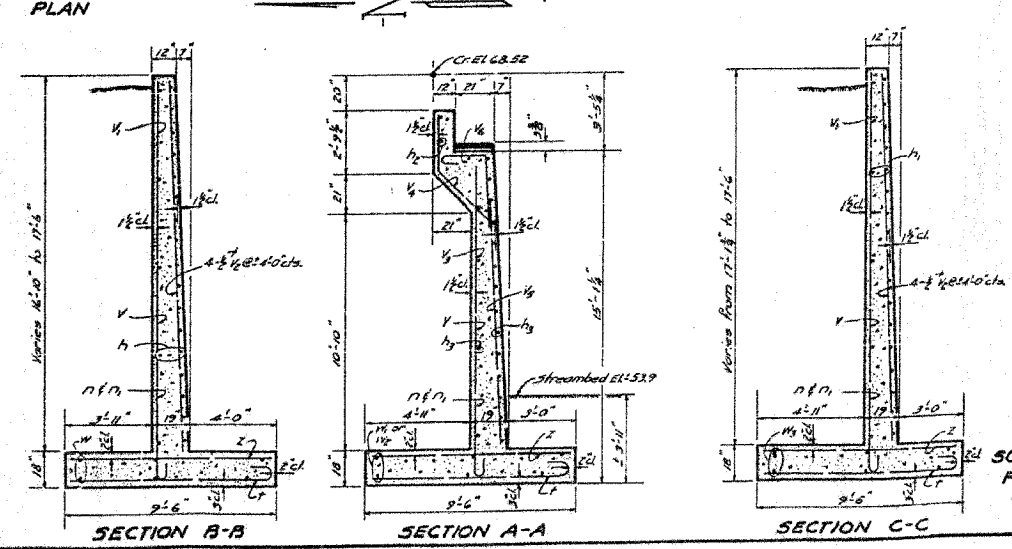
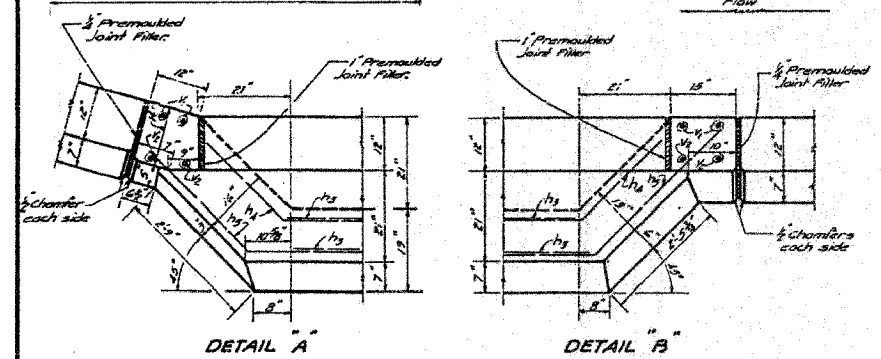
SECTION	SECTION	QUANTITY	TOTAL QUANTITY	SHEET NO.
G	34X-B	DEKALB	13	10

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS



BILL OF MATERIAL  
EAST ABUTMENT

BAR NO.	SIZE	LENGTH	SHAPE
h1	22	13'-0"	
h2	22	12'-0"	
h3	4	29'-6"	
h3	36	27'-0"	
h4	8	4'-3"	
h5	28	5'-3"	
v	86	8'-0"	
n	27	11'-0"	
n	12	16'-6"	
n	58	6'-6"	
n	58	5'-9"	
n	16	11'-0"	
n	60	7'-3"	
n	6	17'-6"	
n	6	7'-6"	
n	12	29'-0"	
n	6	12'-0"	
t	123	10'-3"	
z	124	9'-3"	
Class X Concrete			Cu. Yds. 110.8
Reinforcement Bars			Lbs. 9750



EAST ABUTMENT  
PROJECT - U-1(25)  
SO. BRANCH KISHWAUKEE RIVER  
F.A.R.T. 7 (S.B.I.R.T. 6) SEC. 34 X-B  
DE KALB COUNTY  
STA. 83+24.5

COMPUTED	Nancy P. Blackburn	EXAMINER	[Signature]
CHECKED	D.L. Smith		
DRAWN	M.R. Althammer		
CHECKED	R.L.S.		
SPECIAL	ASSEMBLED	APPROVED	[Signature]
	CHECKED		

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING BRIDGE PLANS

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1000 W. WASHINGTON ST., SUITE 100  
DEKALB, ILLINOIS 62521  
PHONE: 262-2222 FAX: 262-2223  
PROFESSIONAL DESIGN FIRM NO. 00000000  
REGISTERED PROFESSIONAL ENGINEERS

COMPUTER FILE NO.  
D10800EPLN  
PROJECT 05198  
2/27/06-MDS

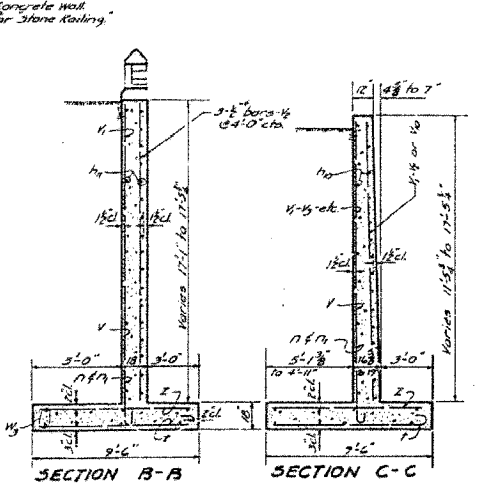
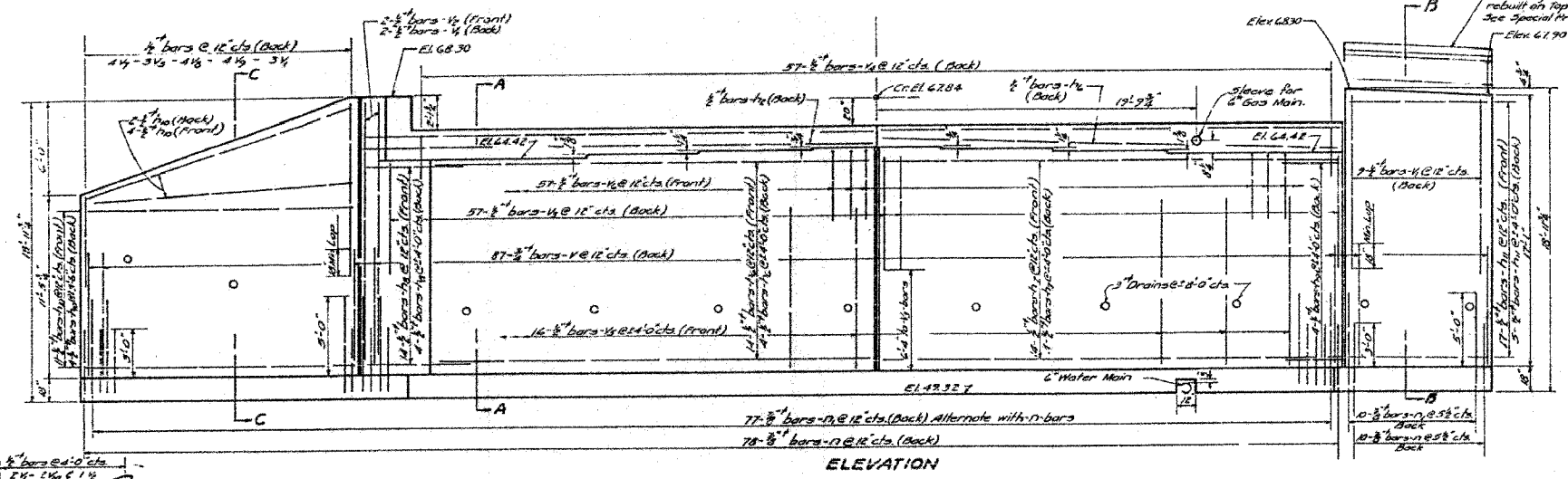
EXISTING BRIDGE PLANS

PLOT DATE = 02/24/06  
FILE NAME = 05198.DWG  
PLOT SCALE = 1/8" = 1'-0"  
PLOT SIZE = 36" x 48"  
OPERATOR = MUSA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

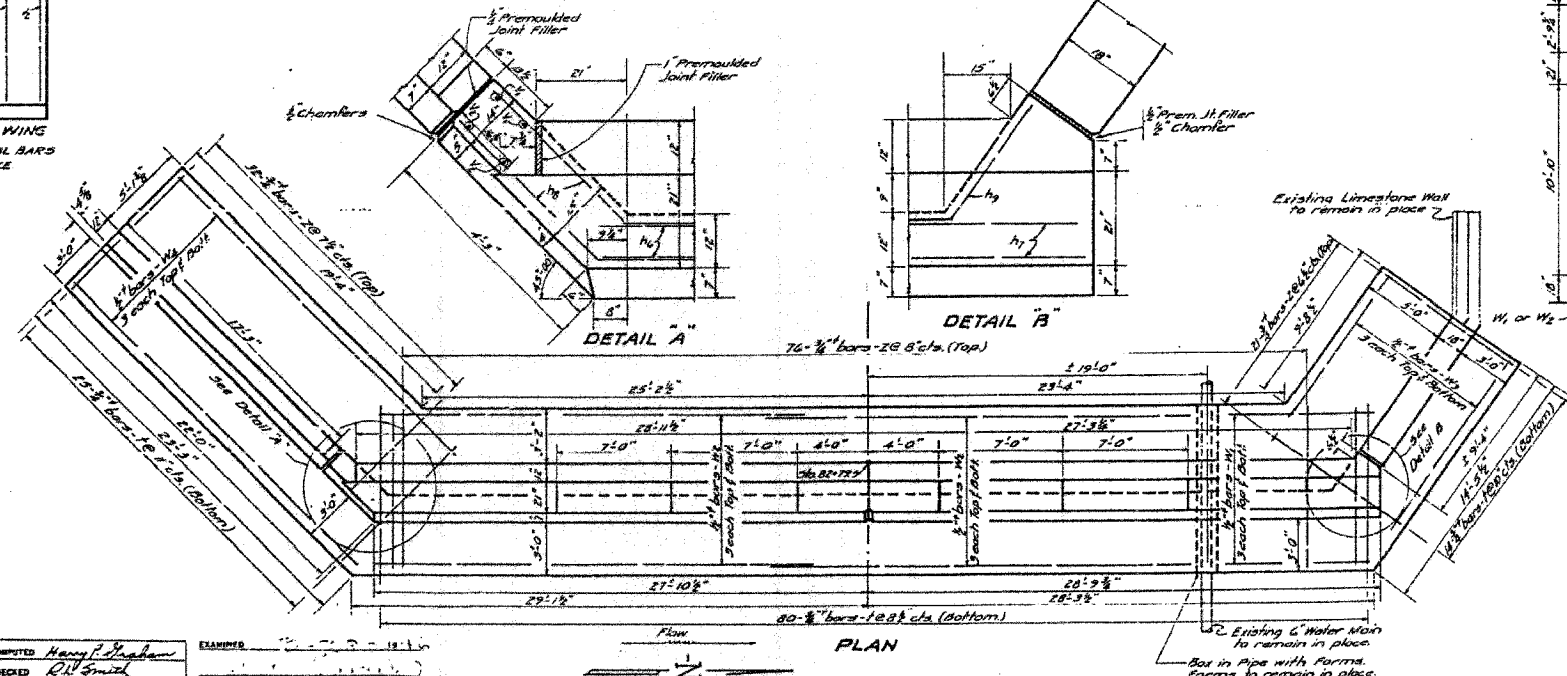
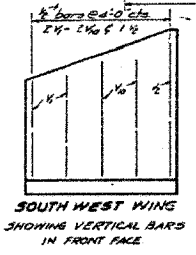
DESIGN NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6	34-X-B	DEKALB	13	11
DESIGNER		DATE		



BILL OF MATERIAL - W. ABUT.

BAR NO.	SIZE	LENGTH	SHAPE
h2	2	29'-6"	
h6	20	27'-6"	
h7	18	28'-6"	
h8	18	5'-6"	
h9	4	4'-6"	
h10	21	17'-6"	
h11	28	21'-0"	
17	88	5'-6"	
17	87	7'-6"	
1	119	10'-3"	
2	129	21'-3"	
11	4	7'-6"	
12	12	25'-0"	
13	4	12'-0"	
14	4	22'-0"	
V	87	8'-0"	
V	16	11'-0"	
V	6	16'-6"	
V	60	6'-6"	
V	37	34'-0"	
V	16	11'-0"	
V	37	72'-3"	
V	4	5'-6"	
V	4	8'-0"	
V	4	2'-6"	
V	2	12'-0"	

Class X Concrete Cu. Yds. 119.0  
Reinforcement Bars Lbs. 3760  
Stone Paving Lums Sum.  
\* For Details of bars 17-11, 1 & 1/2 See Sheet 6. (East Abut.)



COMPUTED	H. J. Shaban	EXAMINED	
CHECKED	R. L. Smith		
DRAWN	H. P. G. Allison	PASSED	
CHECKED	R. L. S.	APPROVED	
SPECIAL	ASSEMBLED		
	CHECKED		

WEST ABUTMENT  
PROJECT - U-1(25)  
SO. BRANCH KISHWAUKEE RIVER  
F.A.R.T. 7 (S.B.L.R.T. 6) SEC. 34 X-B  
DEKALB COUNTY  
STA. 83+24.5

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING BRIDGE PLANS

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

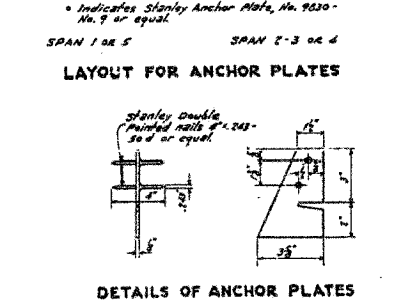
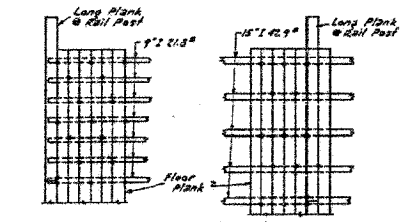
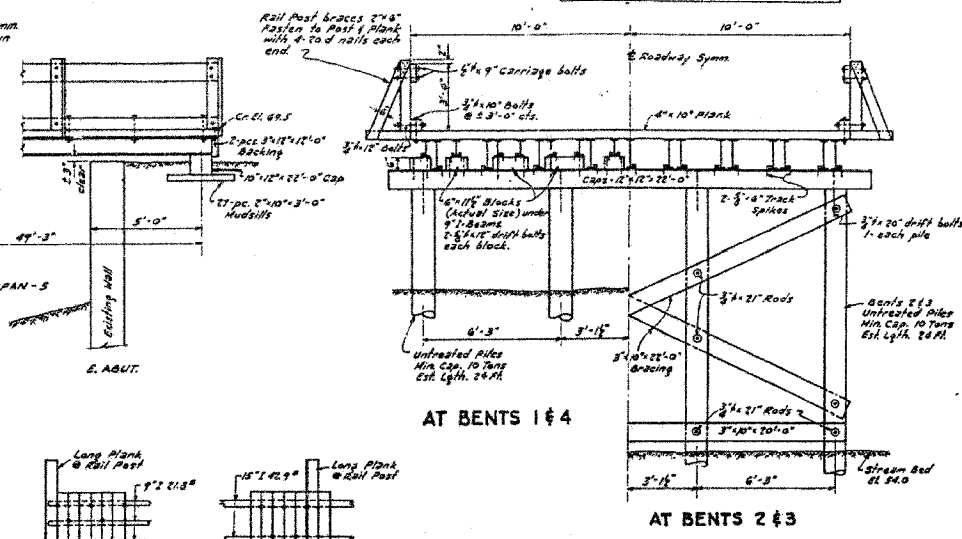
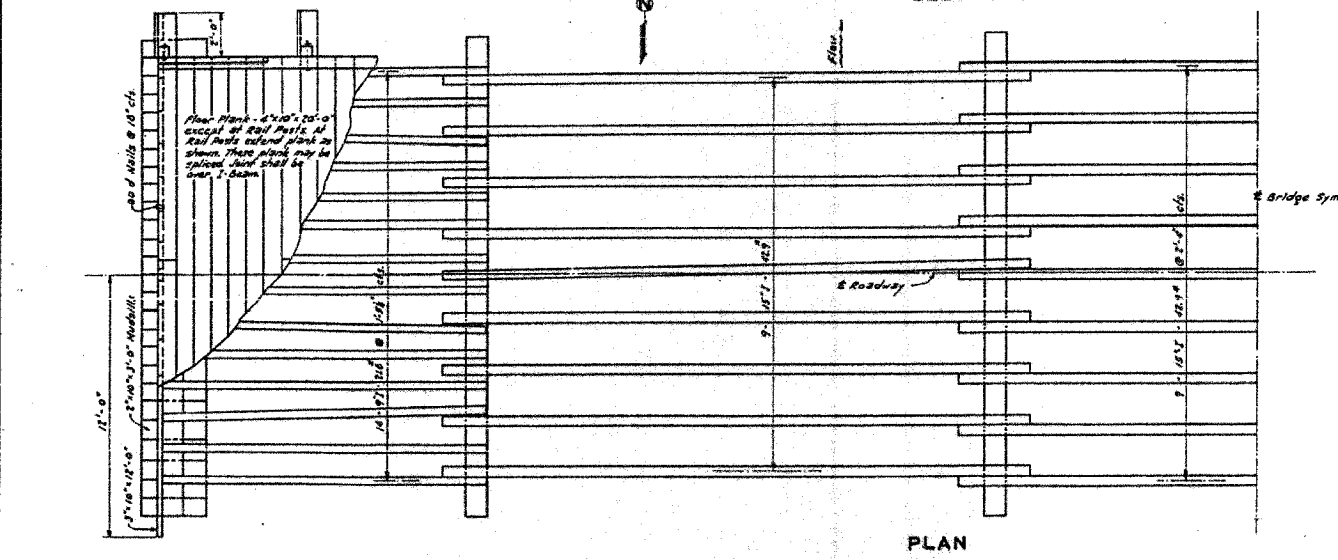
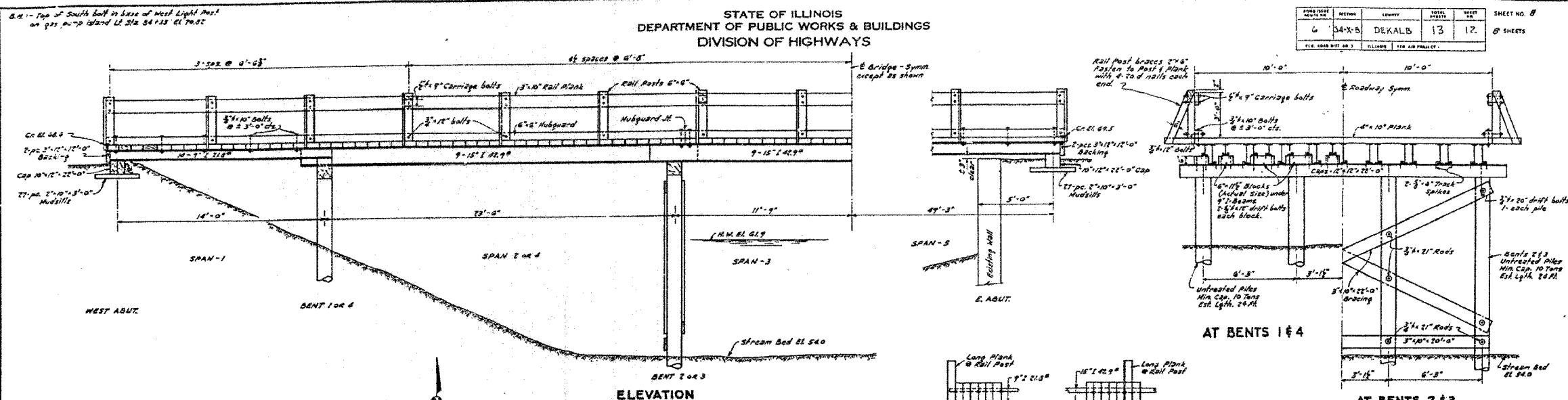
COMPUTER FILE NO. D1080EPLN  
PROJECT 05198  
2/27/06-MDS

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1001 W. MONROE ST., DEKALB, ILL. 62521  
PHONE: 261-1111 FAX: 261-1112  
WWW.GREENE-AND-BRADFORD.COM

PLOT DATE = 04/15/06  
FILE NAME = 05198EPLN  
PLOT SCALE = 1/8\"/>

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6	34X-B	DEKALB	13	12
SHEETS				



**BILL OF HARDWARE**

Item	No.	Size
Carriage Bolts	80	3/4" x 2"
Wash Bolts	32	3/4" x 1 1/2"
Drift Bolts	40	3/4" x 1 1/2"
Rods	24	3/4" x 22"
Wrought Washers	80	3/4"
Nuts or as Wash	48	3/4"
Track Spikes	270	3/4" x 4"
Nails	40	16 d
	100	20 d
Anchor Bt.	600	
Double Head Nuts	1200	
Nuts	40	3/4"

**BILL OF LUMBER**

Item	No.	Size	Length
Rail Plank	10	3" x 10"	20'-0"
Rail Posts	32	6" x 6"	3'-2"
Rail Braces	32	2" x 4"	4'-0"
Washguard	10	6" x 6"	20'-0"
Floor Plank	18	2" x 10"	24'-0"
Floor Plank	107	2" x 10"	20'-0"
Bent 1/4 Blocks		6" x 12"	28 Lin Ft
End Plank	4	3" x 12"	12'-0"
Caps-Abutts.	2	10" x 12"	22'-0"
Mudfills	26	2" x 10"	3'-0"
Bracing	4	3" x 10"	22'-0"
Bracing	2	3" x 10"	20'-0"
Caps-Bents	4	12" x 12"	22'-0"

**BILL OF MATERIAL**

Material	Quantity	Unit	Price
Untreated Lumber	12,330	FL. B.M.	12,330
Hardware	1,000	LB.	1,000
Untreated Piles (24" dia)	306	Lin Ft.	306
Structural Steel (A36)	166	LLs.	3,9980

All of above material is to be included for payment in Lump Sum Price for Temporary Bridge. See Special Provisions.

**GENERAL NOTES**

All bolts shall be machine bolts unless otherwise noted. Wrought washers shall be used under head and nut on all machine bolts and under nut on all carriage bolts. 0.5 in. malleable iron washers shall be used under nuts on 20 rods. All rods shall be threaded 5" each end. All lumber shall be furnished full length except as shown. Quantities of Lumber and Hardware are based on sizes and lengths shown. No extra compensation will be allowed for waste or splices. 7'-2 1/8" beams and 15'-1 1/2" beams are available at the Illinois Division of Highways maintenance yard at Naperville, Ill.

Floor Plank shall be fastened to I-beams with Stanley Anchor Plates No. 9320 - No. 9 or equal. Anchor Plates are included in estimated weight of structure. Lumber shall be #1 Structural Longleaf (No. 1) or dense #1 Structural Shortleaf (1400) Southern Pine or 1400, Framing and Joists, Douglas Fir.

COMPUTED	R. Smith	EXAMINED	
CHECKED	Nancy H. [unclear]	PASSED	
DRAWN	2 L.S. J.L. Mabecki	APPROVED	
CHECKED	[unclear]		
SPECIAL	ASSEMBLED		
CHECKED			

**TEMPORARY BRIDGE**  
**PROJECT U-1 (25)**  
**F.A.R.T.E.7 (S.B.I. RT.G) SEC.34-X-B**  
**DE KALB CO.**  
**63' RT. OF STA. 83+23.75**

**FOR INFORMATION ONLY**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

SCALE: VERT. DATE 2/24/06  
 HORIZ. DATE 2/24/06

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO. D10800EPLN  
 PROJECT 05198  
 2/27/06-MDS

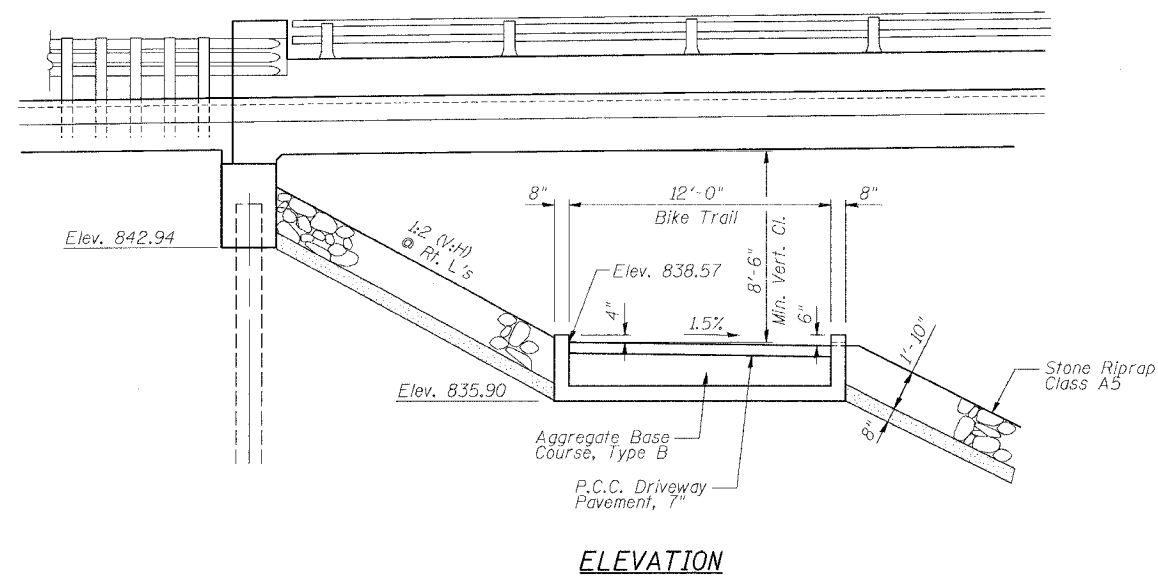
REVISIONS	
NAME	DATE

PLOT DATE \* DATE \*  
 FILE NAME \* FILE \*  
 PLOT SCALE \* SCALE \*  
 PLOT SIZE \* SIZE \*  
 OPERATOR \* OPERATOR \*

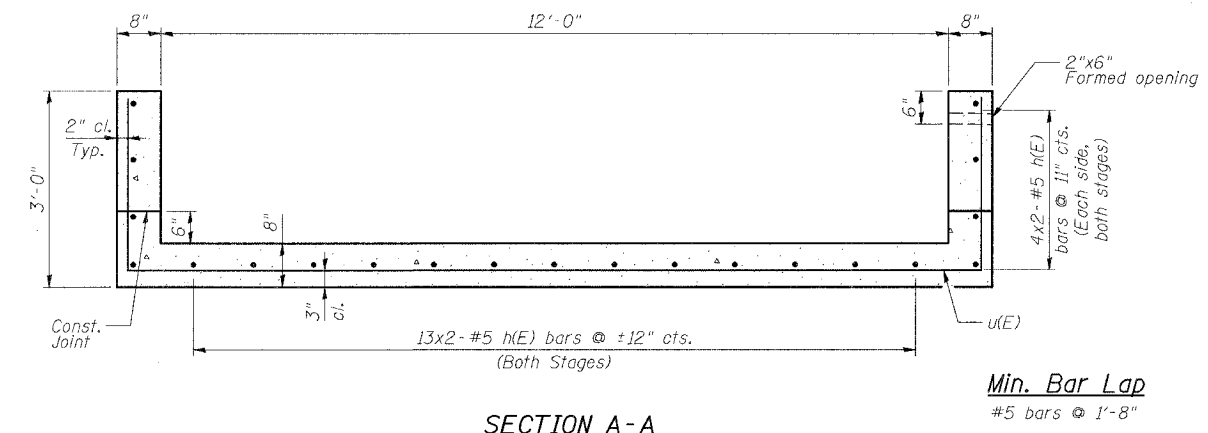
**EXISTING BRIDGE PLANS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1 1 SHEETS
FAU 567 (IL 38)	34-XBR	DEKALB	90	65	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-	Contract No. 64583		



ELEVATION



SECTION A-A

Min. Bar Lap  
#5 bars @ 1'-8"

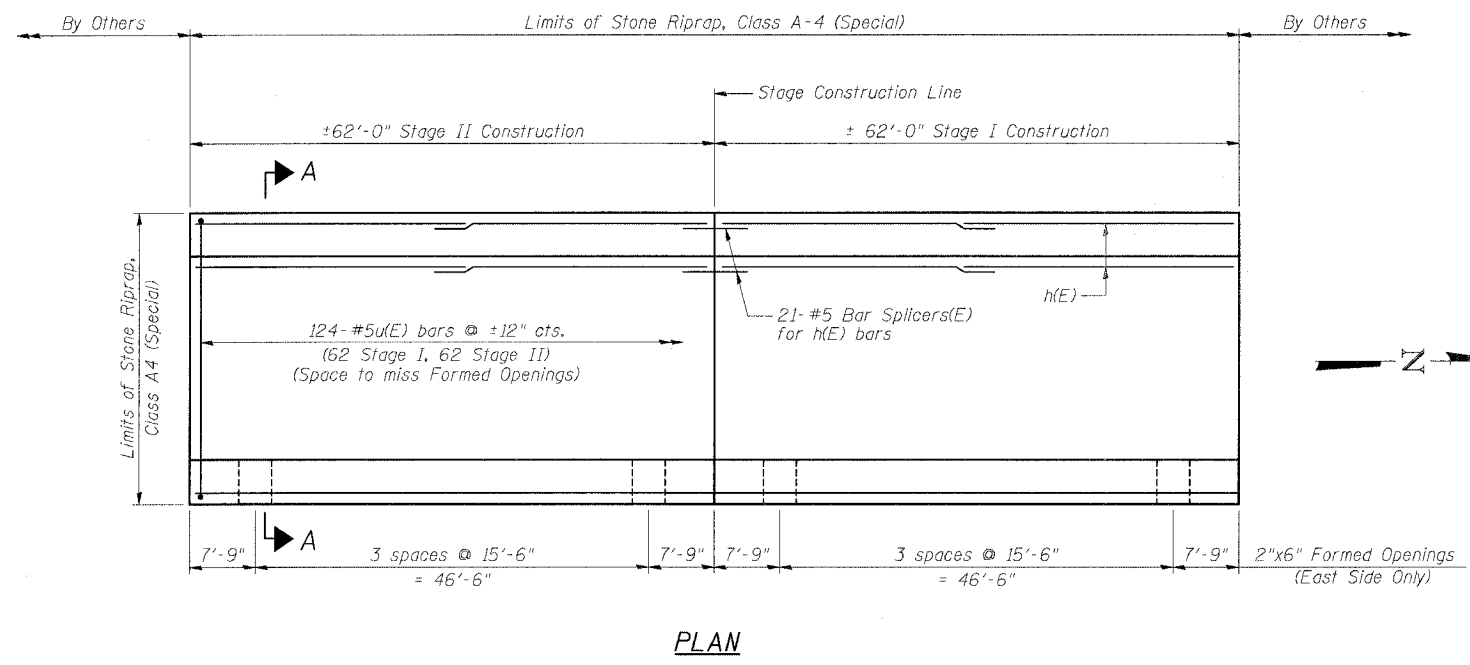
GENERAL NOTES

Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.  
All Construction joints shall be bonded.  
For Riprap details, see Bridge plans.  
For Bar Splicer Details, see Sheet 11 of 14 of Bridge Plans.

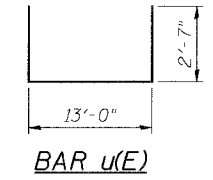
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	84	#5	32'-0"	—
u(E)	124	#5	18'-2"	L
Aggregate Base Course, Type B			Ton	126.8
P.C.C. Driveway Pavement, 7"			Sq. Yd.	165.3
Stone Riprap, Class A-4 (Special)			Sq. Yd.	184
Concrete Structures			Cu. Yd.	55.2
Reinforcement Bars, Epoxy Coated			Pound	5150
Bar Splicers			Each	21

Reinforcement bars designated (E) shall be epoxy coated.  
Bars indicated thus 2x3-#5 etc. indicates 2 lines of bars with 3 lengths per line.



PLAN



BAR u(E)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BIKE TRAIL DETAILS**  
F.A.U. ROUTE 567 (IL 38) OVER  
SOUTH BRANCH OF THE KISHWAUKEE RIVER  
DEKALB COUNTY - SEC. 34-XBR  
STA. 140+96.71  
S.N. 019-0044

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 7/6/05

DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

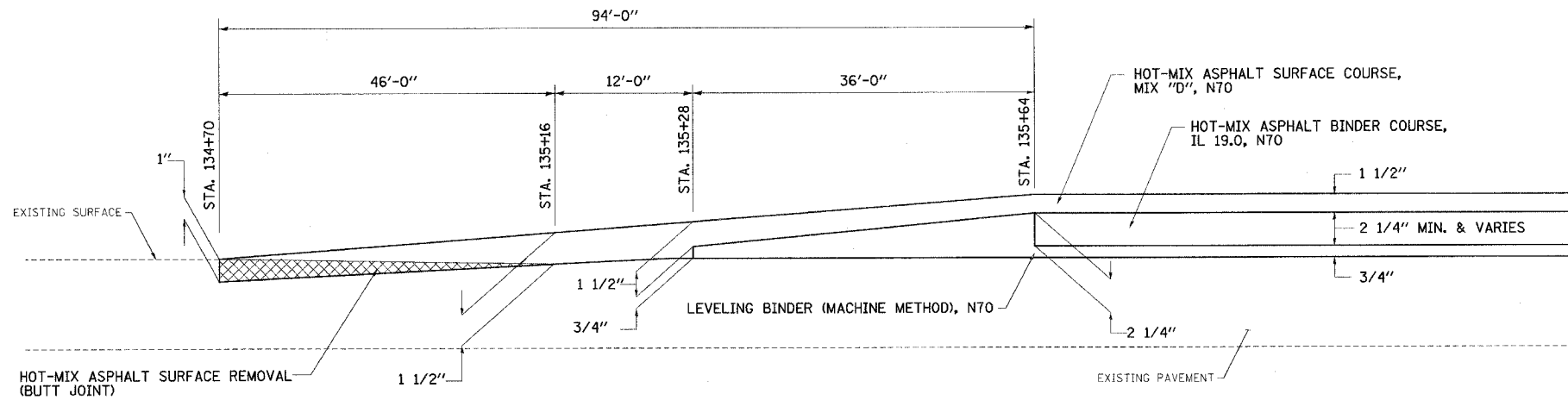
GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1000 N. WASHINGTON ST., SUITE 200  
DEKALB, ILLINOIS 62521  
TEL: 217-424-1100 FAX: 217-424-1101  
WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO.  
SN019-0044BIKE  
PROJECT 0519B  
12/4/06-MML

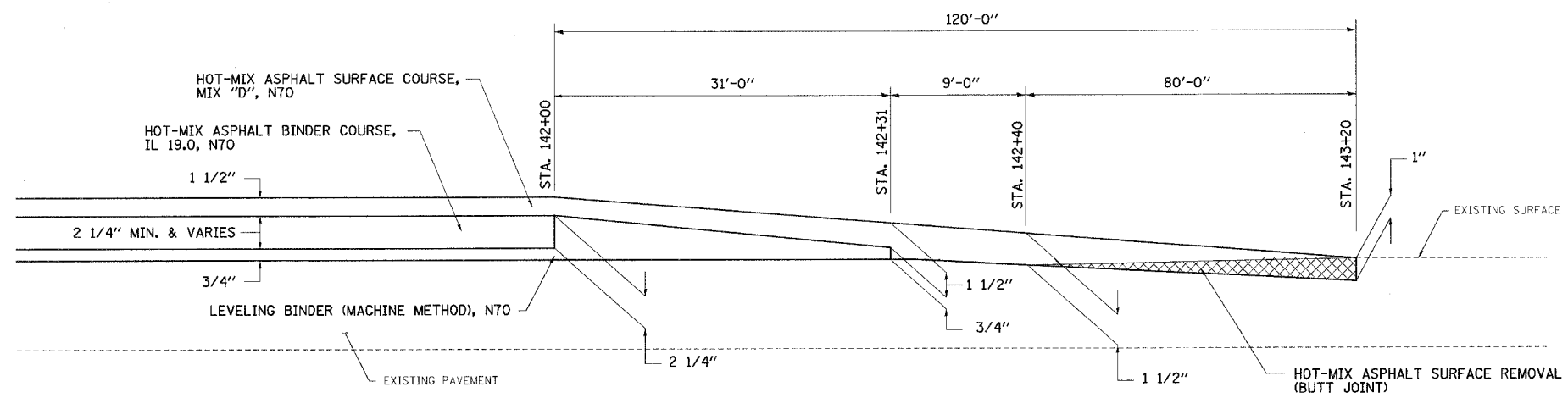
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PLOT DATE = 12/4/2006  
TIME = 11:52:17 AM  
OPERATOR = mtrelo



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	66
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**BUTT JOINT DETAIL**  
(NOT TO SCALE)  
STA. 134+70.00 TO STA. 135+64.00



**BUTT JOINT DETAIL**  
(NOT TO SCALE)  
STA. 142+00.00 TO STA. 143+20.00

PLOT DATE = 10/25/06  
FILE NAME = 064583.DWG  
PLOT SCALE = 1/4" = 1'-0"  
REFERENCE = 064583.DWG  
OPERATOR = J. BOYER

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY





SCALE: VERT.      DRAWN BY SUTHEARD  
          HORIZ.      CHECKED BY BOTT  
DATE 10/24/05

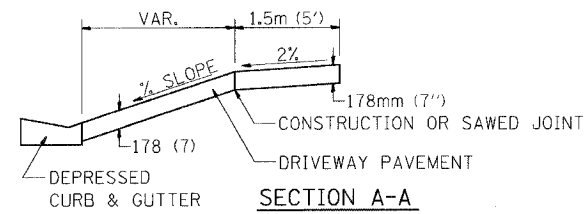
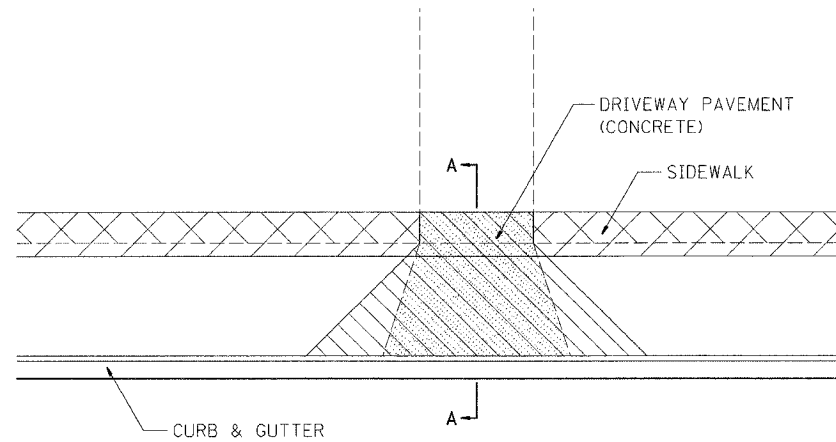
**GREENE & BRADFORD, INC.**  
CONSULTING ENGINEERS  
OF ENGINEERS

COMPUTER FILE NO. D10800SPL  
PROJECT 05198  
10/25/06-GSJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

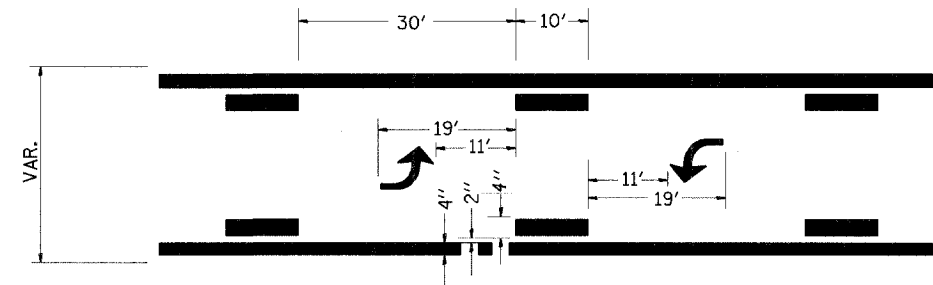
- PAY FOR AS
-  SIDEWALK REMOVAL
  -  DRIVEWAY PAVEMENT REMOVAL
  -  PCC SIDEWALK 127 (5)
  -  PCC DRIVEWAY PAVEMENT 178 (7)



FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.  
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

**SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4**

REVISED 10-15-04



**TYPICAL APPLICATION @ BI-DIRECTIONAL TURN LANE**

**780-2**

# LETTERING FOR NAME PLATE

STATION 140+96.71  
BUILT 2007 BY  
STATE OF ILLINOIS  
FAP RTE. 567 SEC. 34X-BR  
FA PROJECT  
LOADING HS 20  
STR. NO. 019-0044

SEE STD. 515001

**LETTERING FOR NAME PLATE 89.4**

REVISED 10-15-04

PLOT DATE = #DATES  
FILE NAME = #FILES  
PLOT SCALE = #SCALES  
PLOT SIZE = #SIZES  
OPERATOR = #USERS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

REVISIONS	
NAME	DATE
DOT REVIEW	10/25/06

SCALE: VERT.      DRAWN BY SUTHEARD  
HORIZ.              CHECKED BY BOTT  
DATE 10/12/05

 **GREENE & BRADFORD, INC.**  
CONSULTING ENGINEERS  
1011 N. WASHINGTON ST., SUITE 200  
SPRINGFIELD, ILLINOIS 62761-1011  
PH: 217-244-1100 FAX: 217-244-1101  
001 183 8214 12/17/05 11:11 AM

COMPUTER FILE NO.  
D10800SPL  
PROJECT 05198  
10/25/06-GSJ

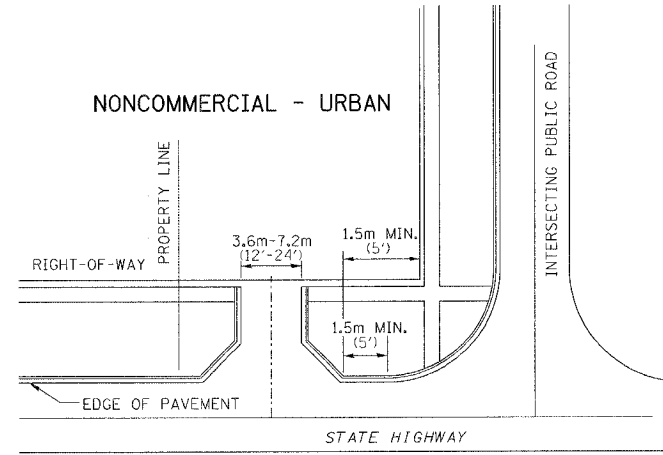
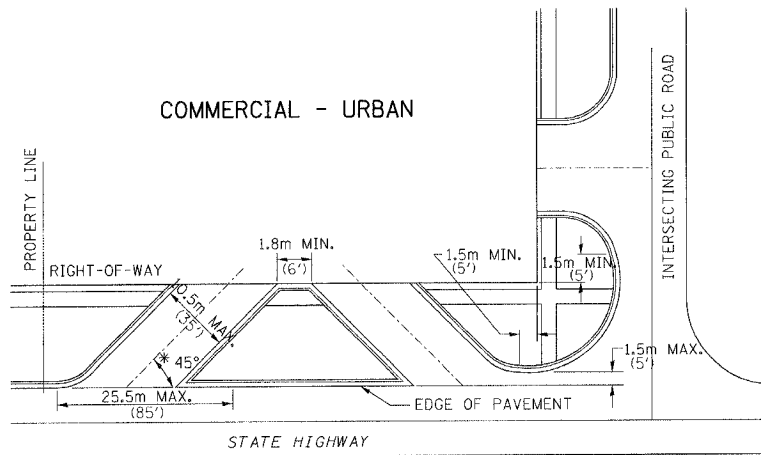




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

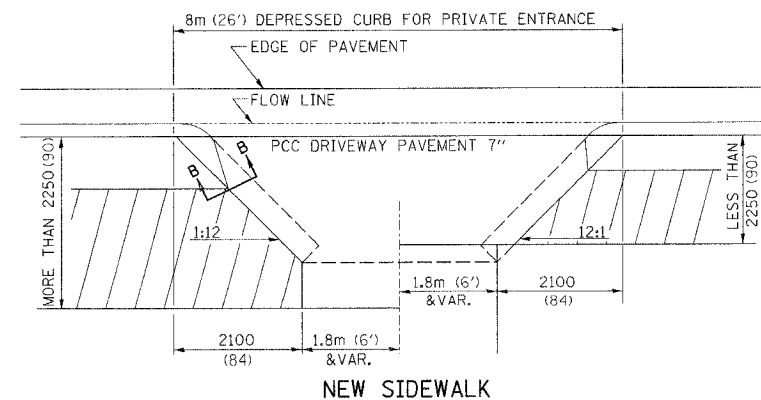
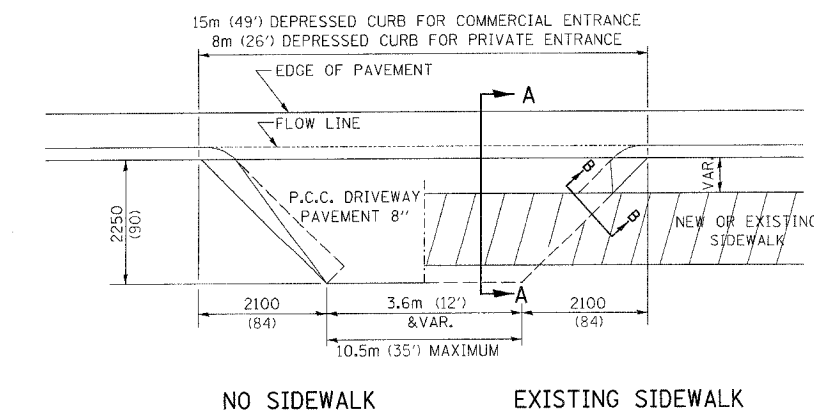
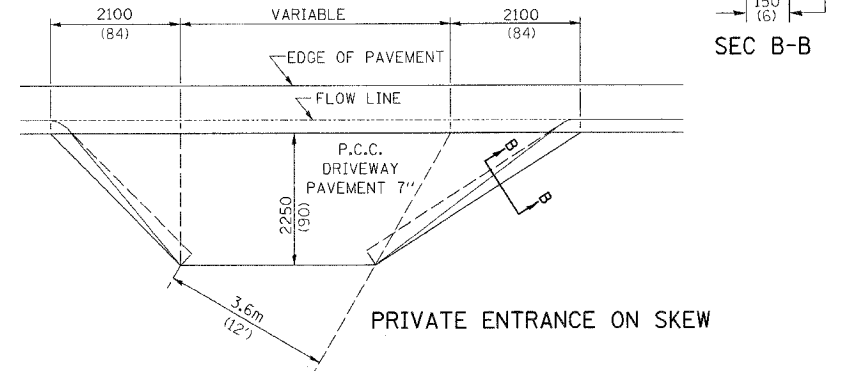
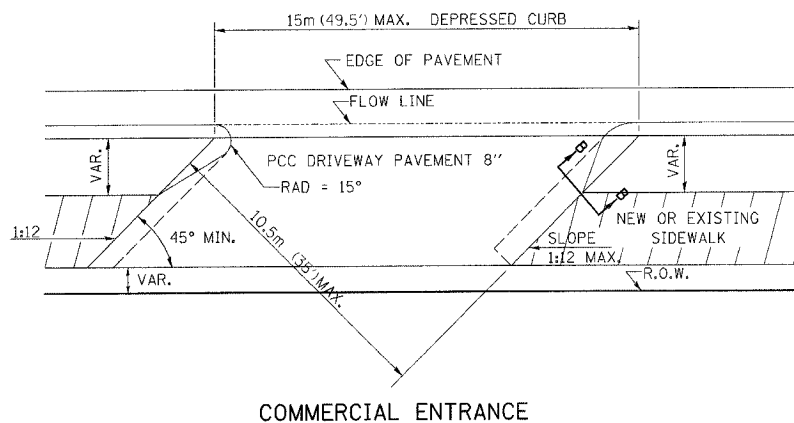
# ENTRANCE APPROACHES - URBAN AREA

TYPICAL APPLICATION OF ENTRANCES

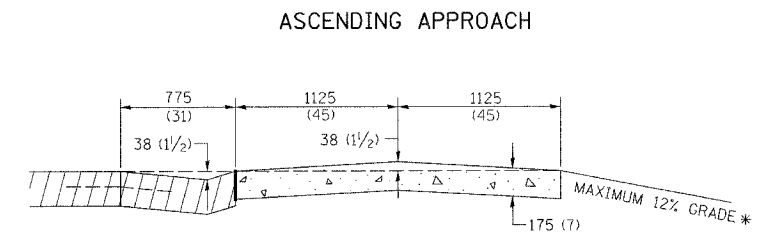
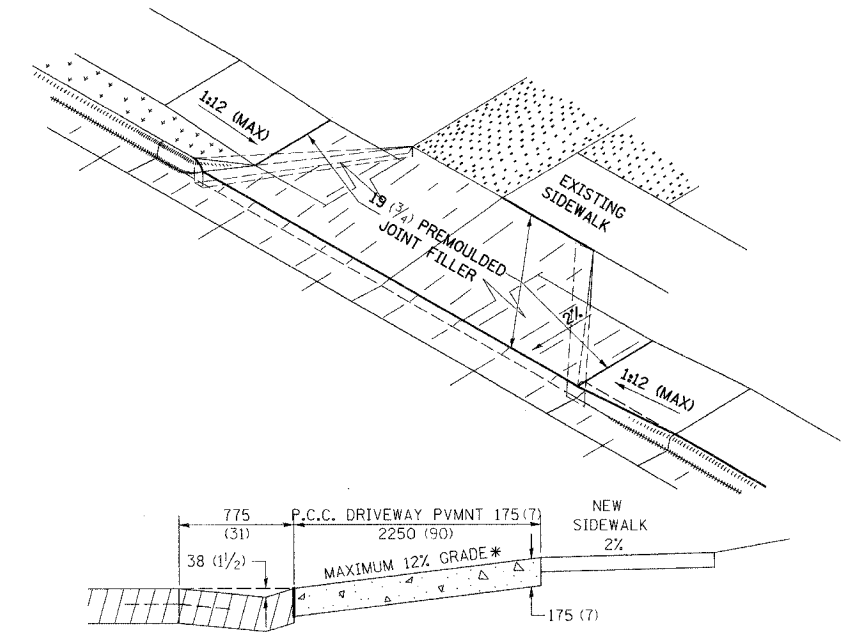


WHEN THE ISLAND BETWEEN DRIVES IS LESS THAN 7.5m (25') LONG OR LESS THAN 10 FEET WIDE, IT SHALL BE DEFINED BY CURBS, MASONRY, OR OTHER DEVICES.

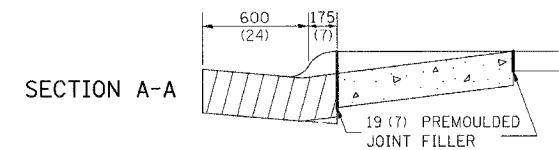
\* 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.  
60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



\* IN CASES WHERE GRADE EXCEEDS 12%, THE RESIDENT ENGINEER SHALL CHECK WITH DISTRICT DESIGN OFFICE TO DETERMINE NEW APPROACH GRADE. PARTICULAR ATTENTION SHALL BE PAID TO THE NEGATIVE GRADE TO PREVENT DRAINAGE FROM OVER FLOWING INTO THE PRIVATE ENTRANCE.



THE VARIABLE HEIGHT INTEGRAL CURB AND PREFORMED JOINT FILLER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED.

PLT DATE = #DATE  
FILE NAME = #FILE  
PLT SCALE = #SCALE  
REFERENCE = #REF  
OPERATOR = #USER

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

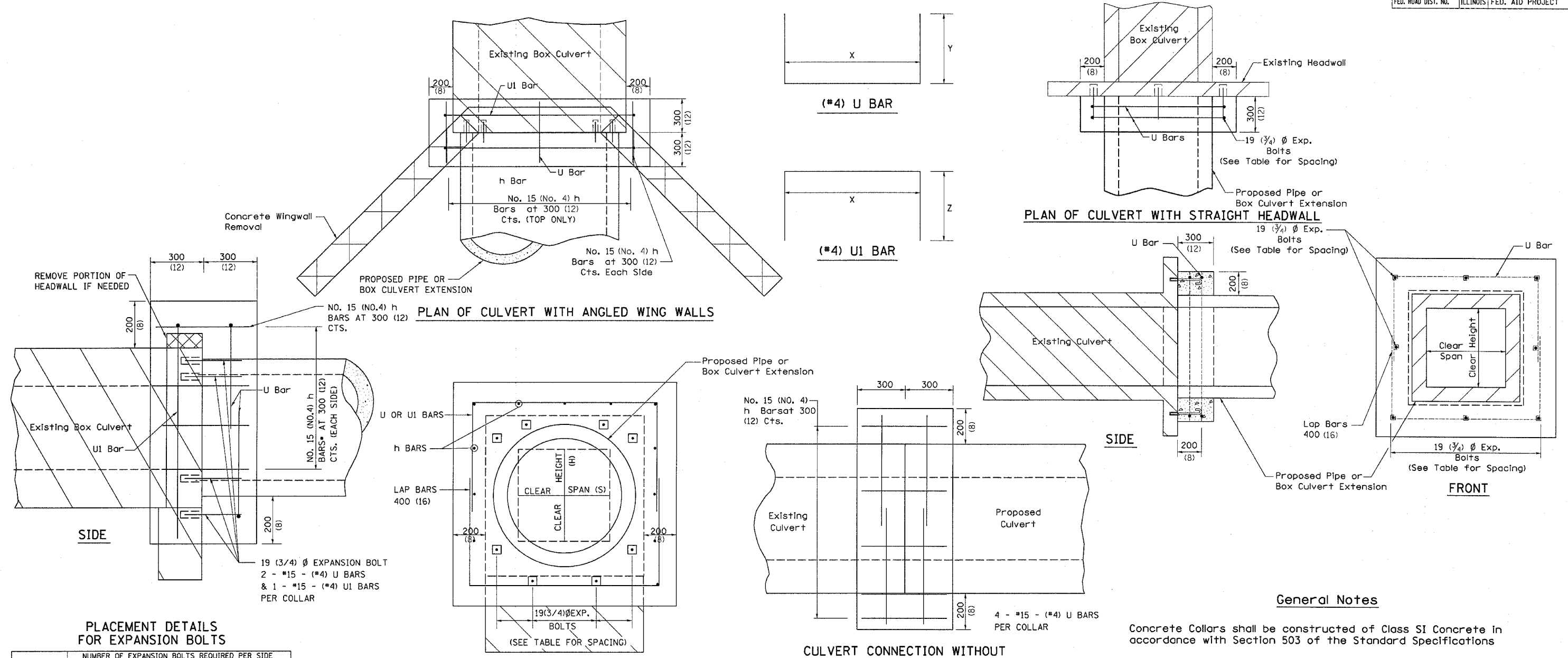
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HORIZ.      DATE 10/12/05      CHECKED BY BOTT

COMPUTER FILE NO. D10800SPL  
PROJECT 05198  
10/25/06-GSJ

REVISIONS	
NAME	DATE
DOT REVIEW	10/25/06

# CONCRETE COLLARS FOR PIPE OR BOX CULVERT EXTENSIONS

CONTRACT NO. 64583				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLACEMENT DETAILS FOR EXPANSION BOLTS

H OR S	NUMBER OF EXPANSION BOLTS REQUIRED PER SIDE			
	EXTENSIONS < 4.57m (15')		EXTENSIONS > 4.57m (15')	
	NUMBER	SPACING	NUMBER	SPACING
600 (24)	*		*	
750 (30)	2	450 (18)	2	450 (18)
900 (36)	2	600 (24)	2	600 (24)
1200 (48)	3	450 (18)	3	450 (18)
1500 (60)	4	400 (16)	3	600 (24)
1800 (72)	5	375 (15)	4	500 (20)
2100 (84)	5	450 (18)	4	600 (24)
2400 (96)	6	375 (15)	5	525 (21)
2700 (108)	6	475 (19)	5	600 (24)
3000 (120)	7	450 (18)	6	525 (21)
3300 (132)	8	425 (17)	6	600 (24)
3600 (144)	8	475 (19)	7	550 (22)

\* MINIMUM ONE PER SIDE

Bill of Materials

STATION	NUMBER OF COLLARS AT LOCATION	DIAMETER OF STORM SEWER (INCHES)	DIMENSIONS		h Bar No.	U Bar		EXPANSION BOLTS No.	CONCRETE COLLAR Cu. Yd.	REINF. BARS Lb.
			X	Y		No.	Length			
134+75, LT	2	18	2'-7"	2'-0"	12	4	6'-7"	0	0.6	30
135+33.30, LT	2	18	2'-7"	2'-0"	12	4	6'-7"	0	0.6	30
136+15.70, LT	2	18	2'-7"	2'-0"	12	4	6'-7"	0	0.6	30
136+43.9, RT	1	18	2'-7"	2'-0"	12	4	6'-7"	0	0.6	30
137+20, LT	2	30	3'-9"	2'-7"	16	4	8'-11"	0	0.9	40
138+00, LT	2	30	3'-9"	2'-7"	16	4	8'-11"	0	0.9	40
138+70, LT	2	30	3'-9"	2'-7"	16	4	8'-11"	0	0.9	40
139+99.15, RT	1	12	2'-0"	1'-8"	8	4	5'-4"	0	0.4	22
142+15.04, RT	1	12	2'-0"	1'-8"	8	4	5'-4"	0	0.4	22
All h Bars 450 (18) Long					TOTALS FOR 15 COLLARS	0	10.4	494		

General Notes

Concrete Collars shall be constructed of Class SI Concrete in accordance with Section 503 of the Standard Specifications

Reinforcement bars shall conform to Section 508 of the Standard Specifications.

The concrete will be paid for at the contract unit price per cubic meter (cubic yard) for CONCRETE COLLAR. Reinforcement will be paid for at the contract unit price per kilogram (pound) for REINFORCEMENT BARS. Expansion Bolts, when required, will be paid for at the contract unit price each for EXPANSION BOLTS of the size indicated, which price shall include furnishing, drilling holes, and installing the expansion bolts complete in place. These bolts shall extend at least 200 (8) inches into the new concrete.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS**

FAP RTE 567 (IL RTE 38)  
SECTION 34X-BR  
DEKALB COUNTY

SCALE: VERT. DATE 10/12/05  
HORIZ. DATE 10/12/05

DRAWN BY SUTHEARD  
CHECKED BY BOTT

COMPUTER FILE NO. D10800SPL  
PROJECT 05198  
10/25/06-GSJ

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1010 N. WASHINGTON ST., SUITE 100  
DEKALB, ILLINOIS 62521  
PROFESSIONAL ENGINEER LICENSE NO. 021-0000000

PLOT DATE = 2/2/2007  
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REFERENCE = #REF#  
OPERATOR = #USER#



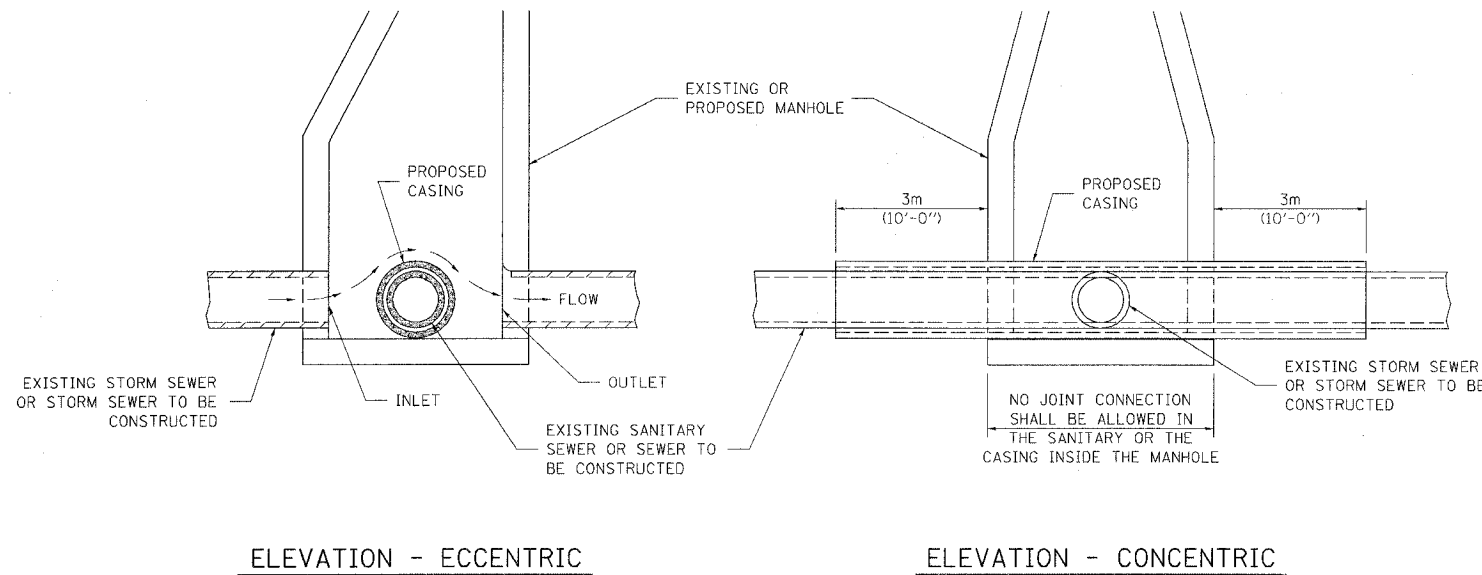
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567	34X-BR	DEKALB	90	72
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# SEWER AND WATER MAIN CROSSINGS

THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 3.1 m (10'-0") OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

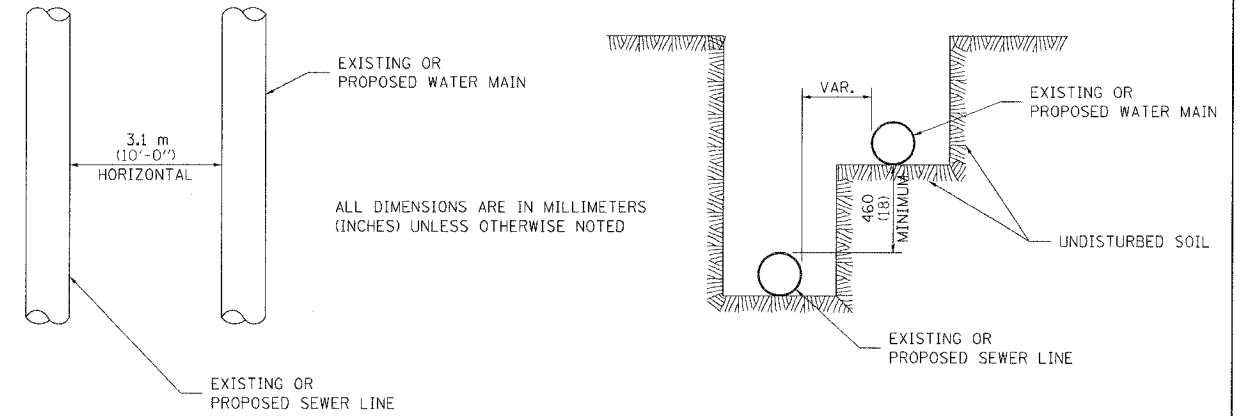
WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 3.1 m (10'-0") FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.



## AT GRADE CROSSING OF SANITARY AND STORM SEWER

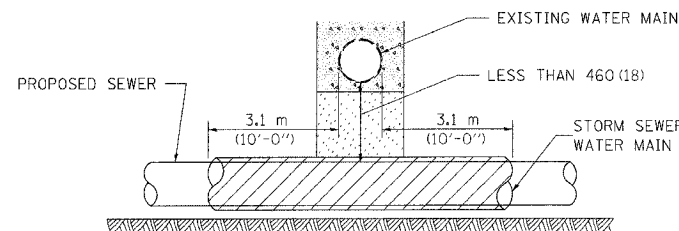
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

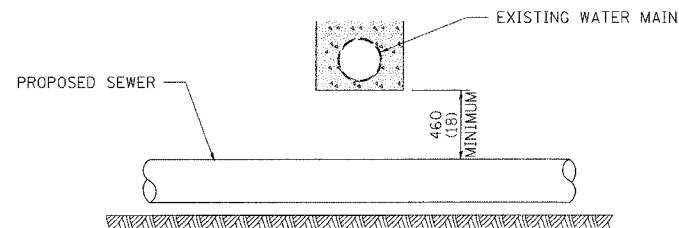


## WATER AND SEWER HORIZONTAL SEPARATION REQUIREMENTS

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN  
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



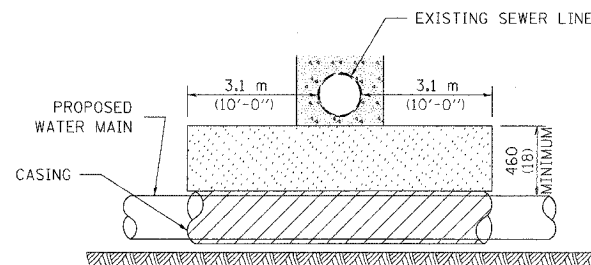
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

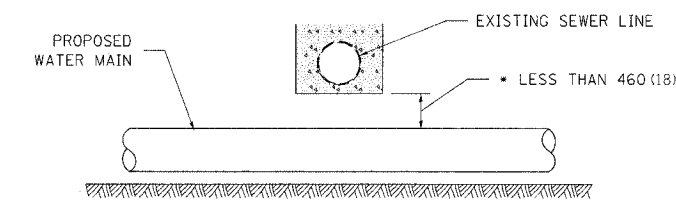
## PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT  
 PLACE TRENCH BACKFILL FOR 3.1 m (10') ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1 m (10') HORIZONTALLY

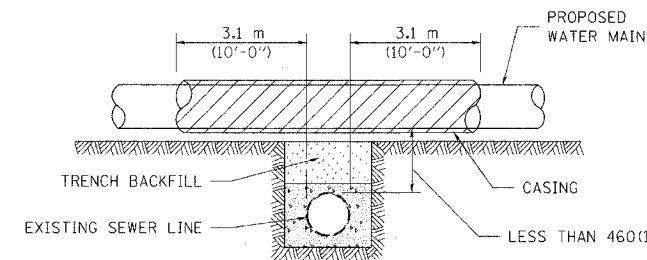


NOT ALLOWED  
 MUST MAINTAIN 460 (18) VERTICAL SEPARATION

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

## PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

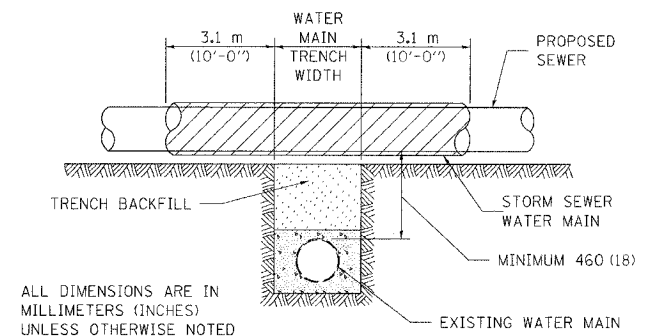


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

## PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

## EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 460 (18) VERTICAL SEPARATION

### ILLINOIS DEPARTMENT OF TRANSPORTATION DETAILS

FAP RTE 567 (IL RTE 38)  
 SECTION 34X-BR  
 DEKALB COUNTY

REVISIONS	
NAME	DATE
DOT REVIEW	10/25/06

SCALE: VERT. DATE 10/12/05	HORIZ. DATE 10/12/05	DRAWN BY SUTHEARD
GREENE & BRADFORD, INC. OF ENGINEERS 1000 N. WASHINGTON ST., SUITE 100 DEKALB COUNTY, ILLINOIS 60155 PHONE: 815-326-1100 FAX: 815-326-1101 WWW.GRENEBRADFORD.COM		CHECKED BY BOTT
COMPUTER FILE NO. D10800SPL		PROJECT 05198
		10/25/06-GSJ



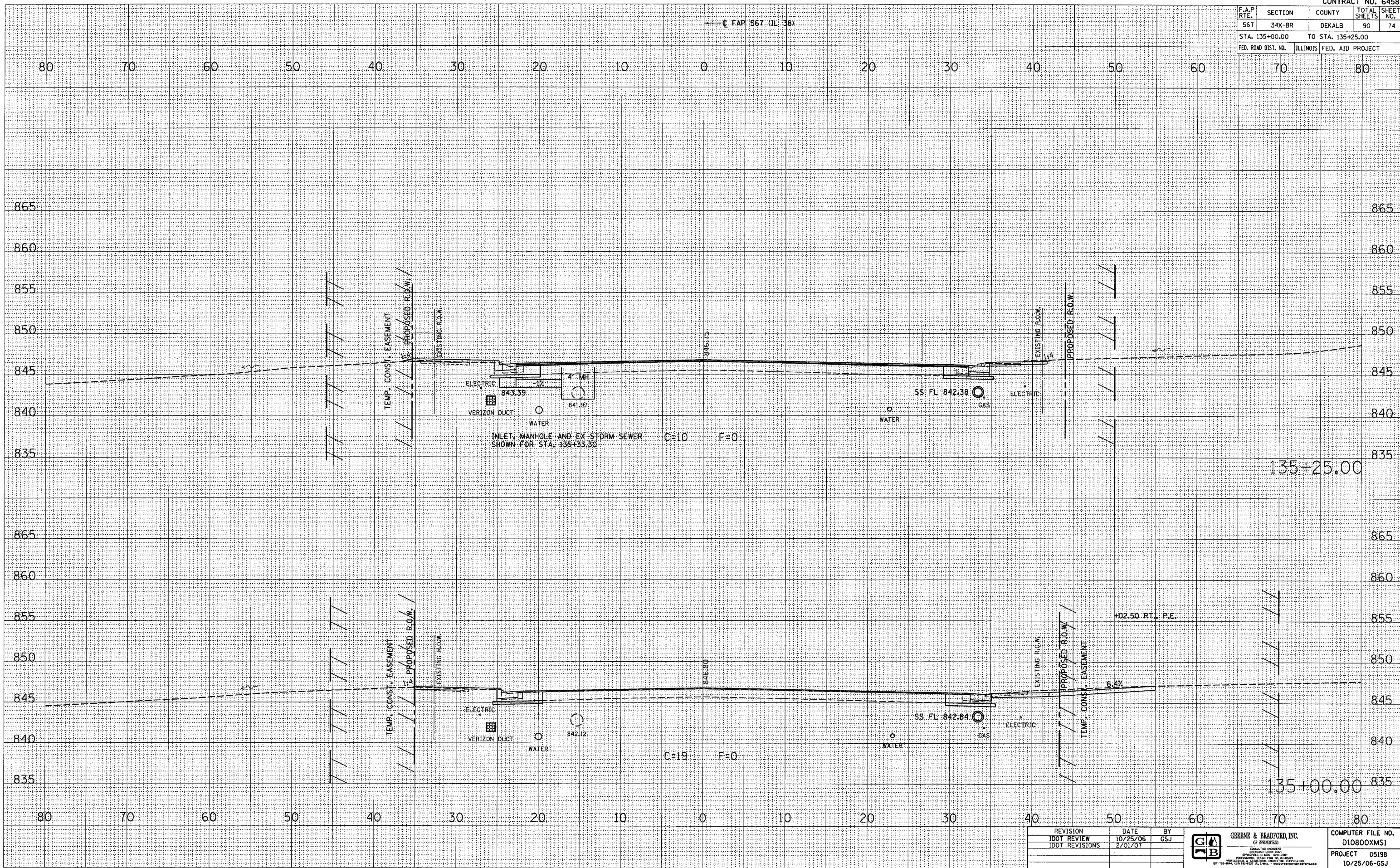


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	74
STA. 135+00.00 TO STA. 135+25.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	

ORIGINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	
NO.	

DATE	2/2/2007
FILE NAME	34X-BR.DWG
SCALE	AS SHOWN
REFERENCE	AS SHOWN
OPERATOR	GSJ



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 ENGINEERS AND ARCHITECTS  
 1000 W. WASHINGTON ST., SUITE 200  
 DEKALB, ILLINOIS 60015  
 (630) 291-1000 FAX (630) 291-1001  
 WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
DATE	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

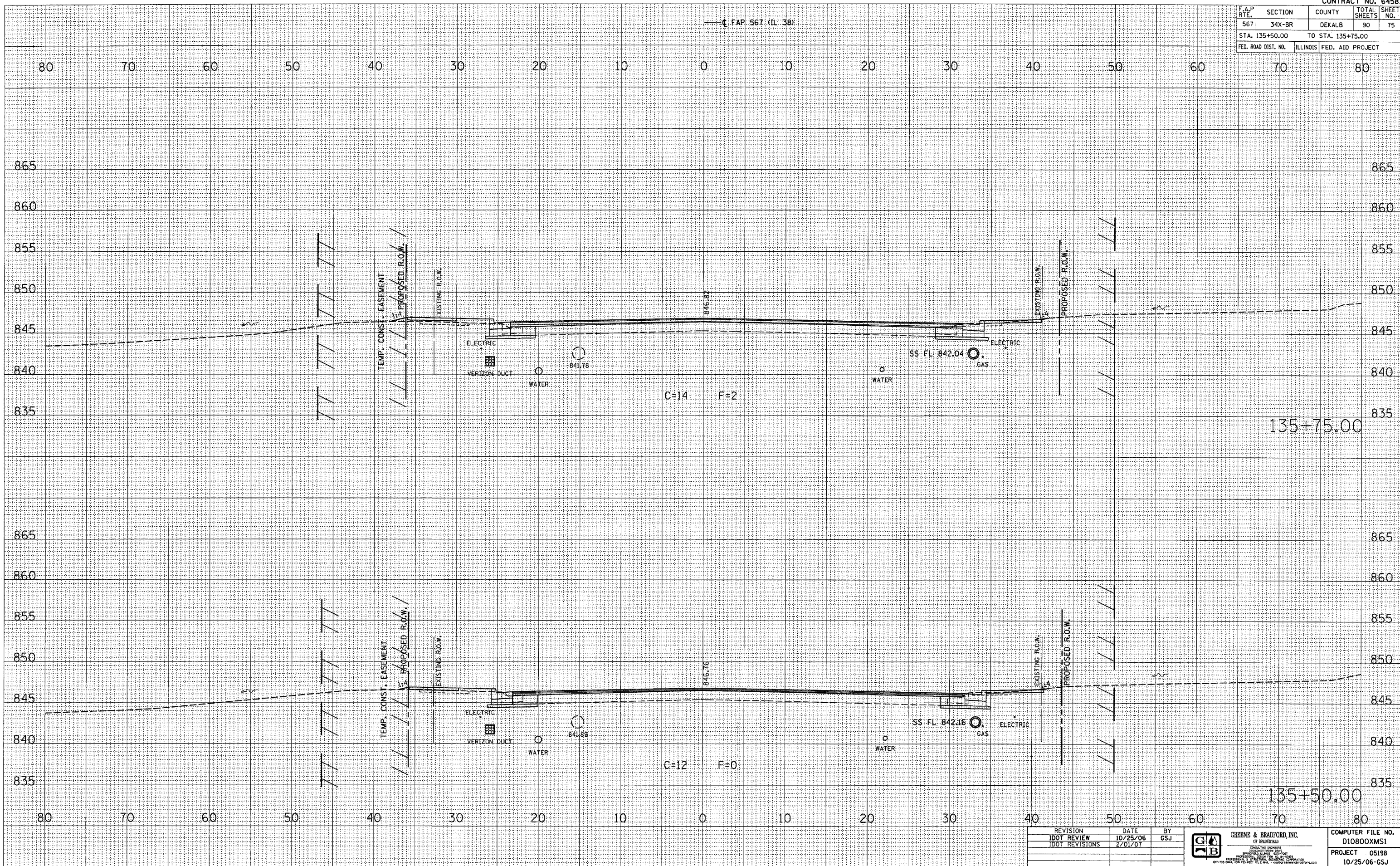


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	75
STA. 135+50.00		TO STA. 135+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	NO.
TEMPLATE	AREAS CHECKED
AREAS	

ORIGINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	NO.
TEMPLATE	AREAS CHECKED
AREAS	

PLOT DATE = 2/22/2007  
 PLOT SCALE = 1"=40'  
 REFERENCE = PREP & OPERATOR = MSERS



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**G&B** GREEN & BRADFORD, INC.  
 1000 WEST WASHINGTON  
 SPRINGFIELD, ILLINOIS 62760  
 PHONE: 217-223-8800 FAX: 217-223-8801  
 WWW.GREEN-AND-BRADFORD.COM

COMPUTER FILE NO. D10800XMS1
PROJECT 05198
10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**





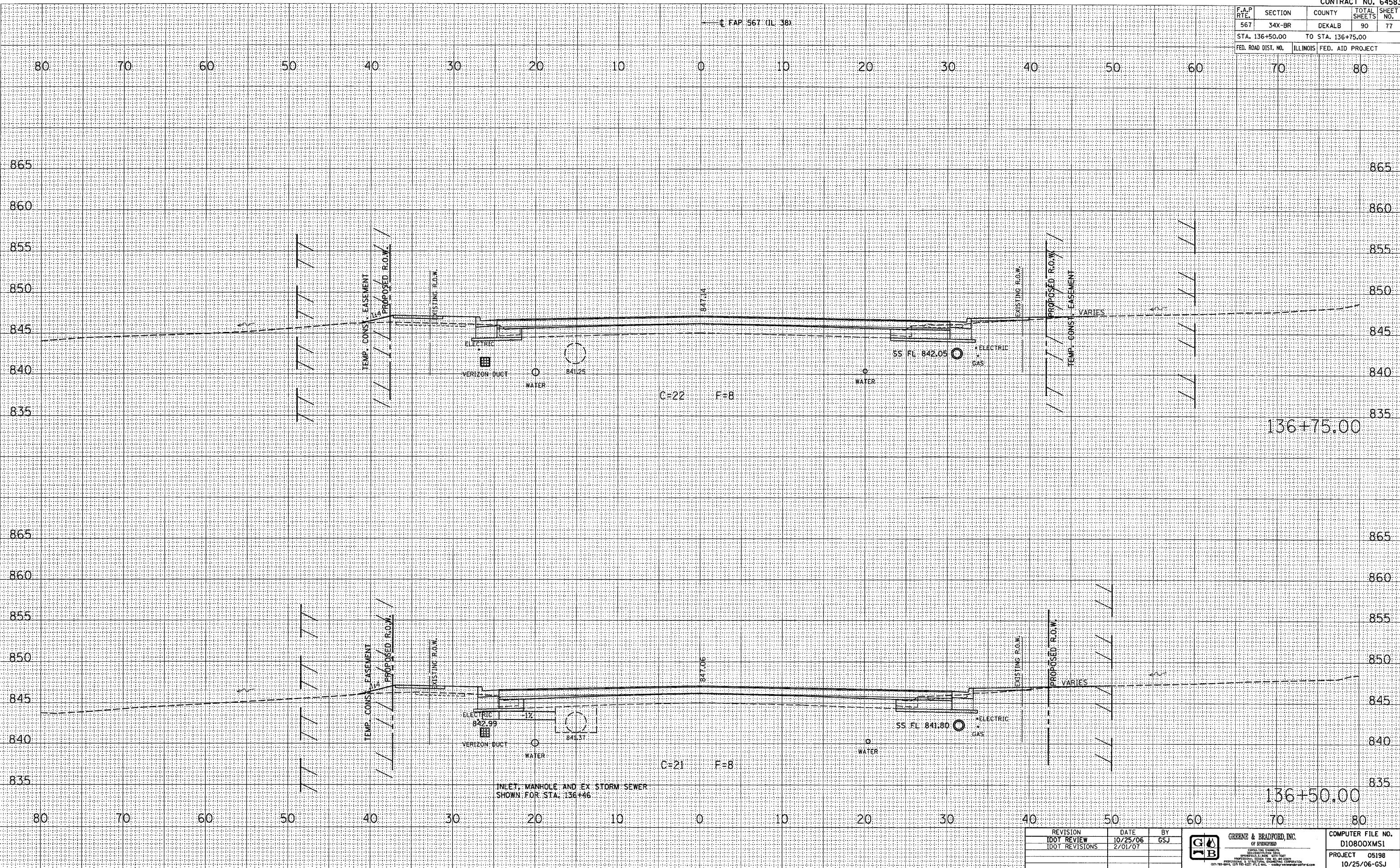


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	77
STA. 136+50.00		TO STA. 136+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
DESIGNED	BY
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
DESIGNED	BY
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	

PLOT DATE : 2/2/2007  
 PLOT SCALE : 1"=40'  
 REFERENCE : \*REF\*  
 OPERATOR : \*USERS\*



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	


**GREEN & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CIVIL ENGINEERS  
 PROFESSIONAL ENGINEERS  
 LICENSE NO. 001-00000000  
 PROFESSIONAL ENGINEER, CIVIL  
 LICENSE NO. 001-00000000  
 PROFESSIONAL ENGINEER, CIVIL  
 LICENSE NO. 001-00000000

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

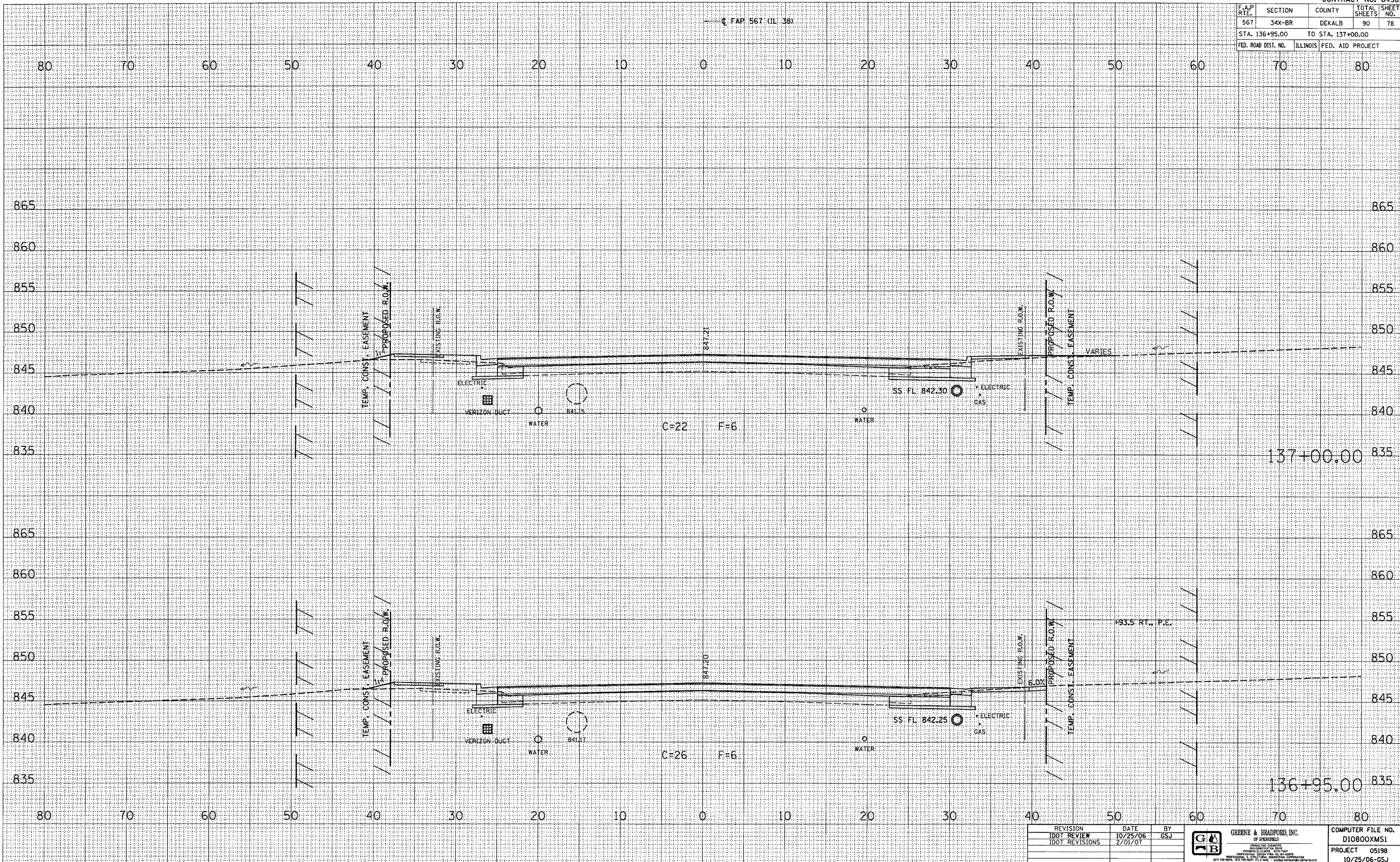


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	78
STA. 136+95.00		TO STA. 137+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
CONVISED PLOTTED		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
CONVISED PLOTTED		
NOTE BOOK		
AREAS CHECKED		

PLOT DATE = 2/2/2007  
 FILE NAME = 34X-BR  
 PLOT SCALE = 3/32" = 1'-0"  
 REFERENCE = REF#  
 OPERATOR = BJER#



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREEN & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 1000 W. WASHINGTON ST., SUITE 200  
 SPRINGFIELD, ILLINOIS 62760  
 (217) 522-1100 FAX (217) 522-1101

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

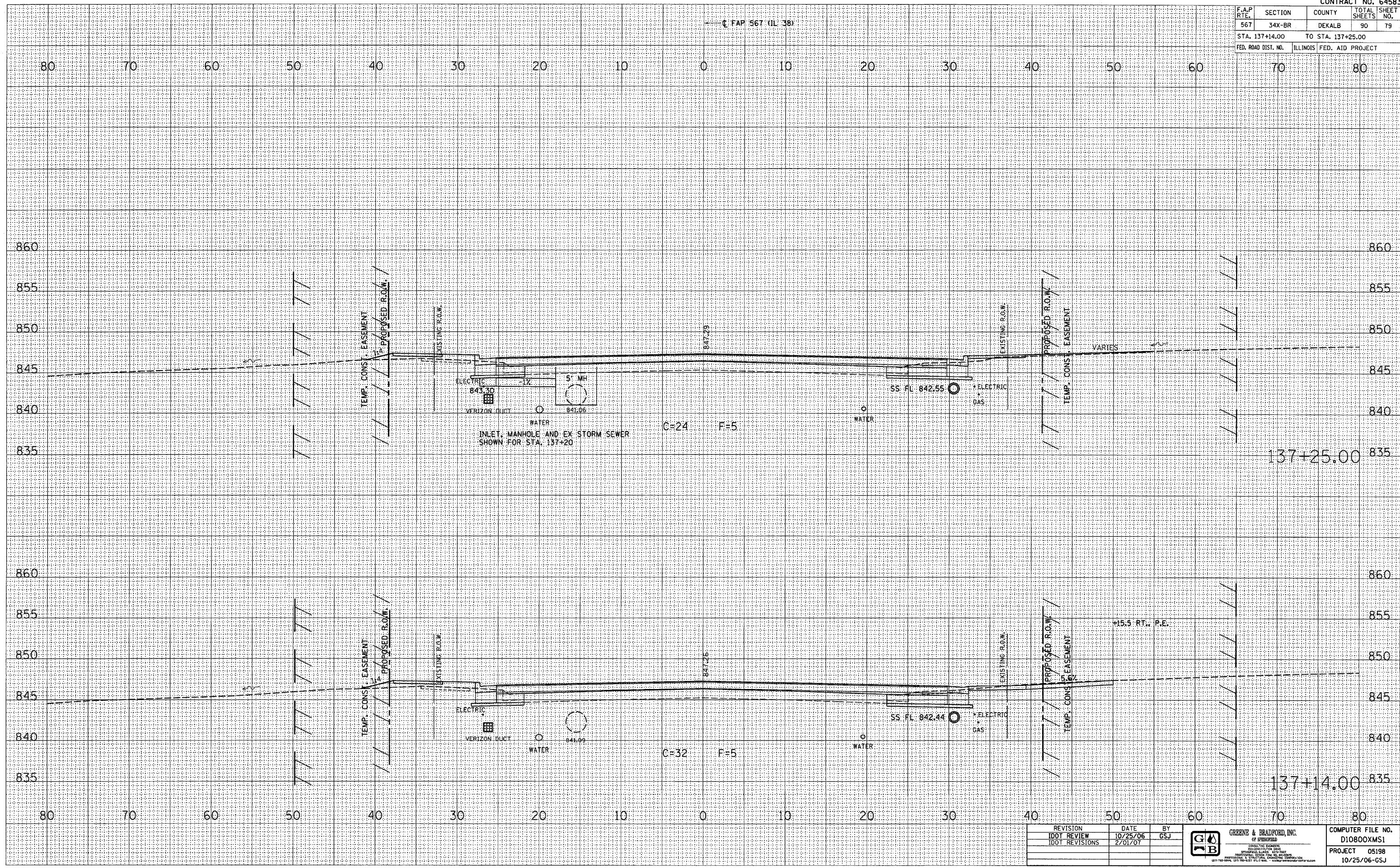


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	79
STA. 137+14.00		TO STA. 137+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
REVISIONS	
PLotted	
TEMP. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
REVISIONS	
PLotted	
TEMP. DATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE = 2/2/2007  
 PLOT SCALE = 1"=40'  
 REFERENCE = #REF#  
 OPERATOR = #USER#



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 CONSULTING ENGINEERS  
 1000 W. STATE ST., SUITE 200  
 DEKALB, ILL. 62521  
 (312) 351-1234 FAX (312) 351-1235  
 www.greenebro.com

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**





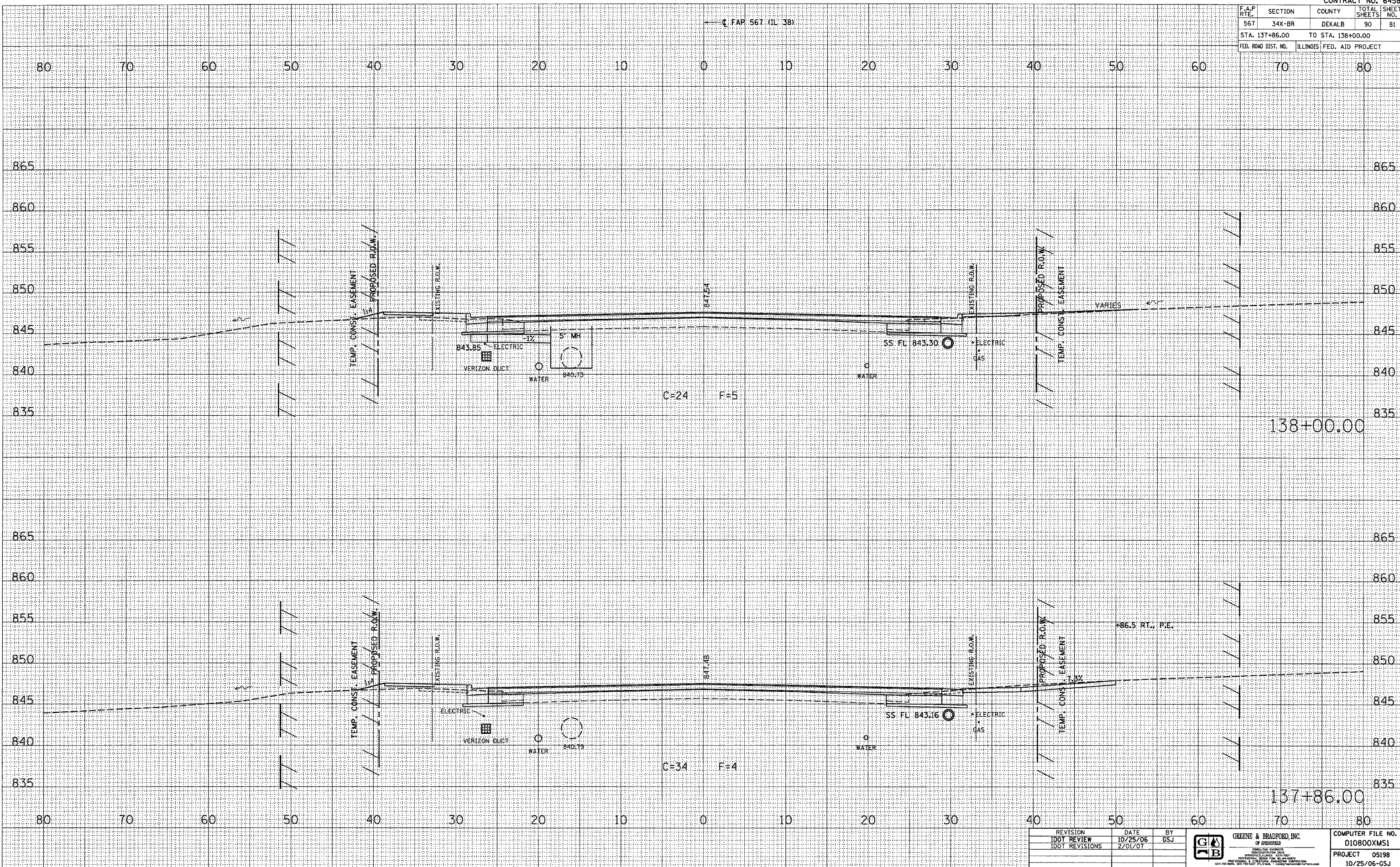


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	81
STA. 137+86.00		TO STA. 138+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE = 2/2/2007  
 FILE NAME = 8FILES  
 PLOT SCALE = 8/32=1/4"  
 OPERATOR = BUSERS



REVISION	DATE	BY
100T REVIEW	10/25/06	GSJ
100T REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 CONSULTING ENGINEERS  
 4310 780th Ave., Suite 100, Elgin, IL 60120  
 (815) 708-8800, (815) 708-8801, (815) 708-8802

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

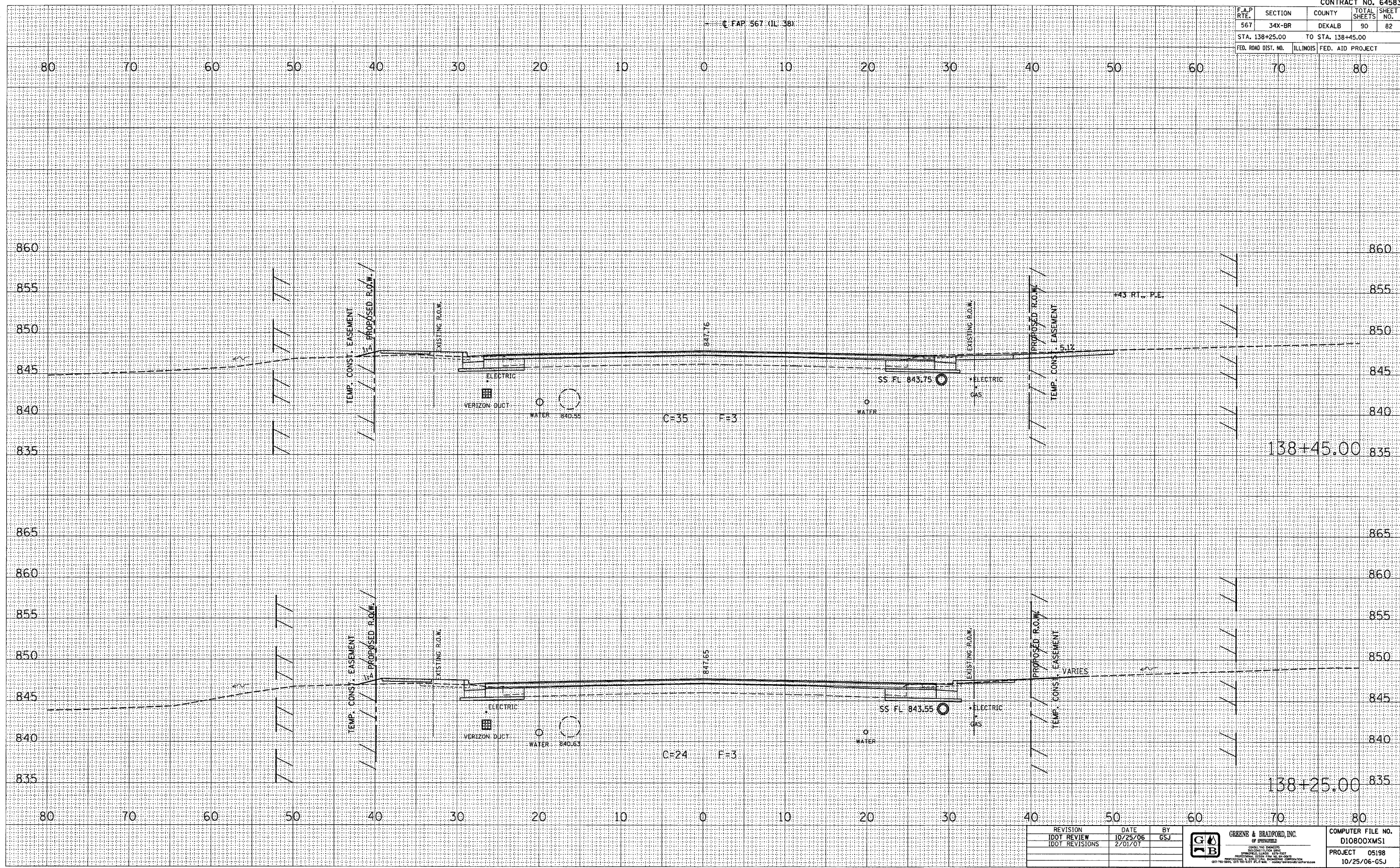


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	82
STA. 138+25.00		TO STA. 138+45.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SUBMITTED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
SUBMITTED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
CHECKED		

PLOT DATE = 2/2/2007  
 PLOT SCALE = AS SHOWN  
 REFERENCE = #REF#  
 OPERATOR = #1088#



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 PROFESSIONAL ENGINEERS - LICENSE NO. 061-1007  
 PROFESSIONAL SURVEYORS - LICENSE NO. 061-1007  
 1015 S. 11TH ST., F.O. #1000, SPRINGFIELD, ILL. 62761-1000  
 TEL: 217-223-8800 FAX: 217-223-8801

COMPUTER FILE NO. D10800XMS1
PROJECT 05198
10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	83
STA. 138+50.00		TO STA. 138+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

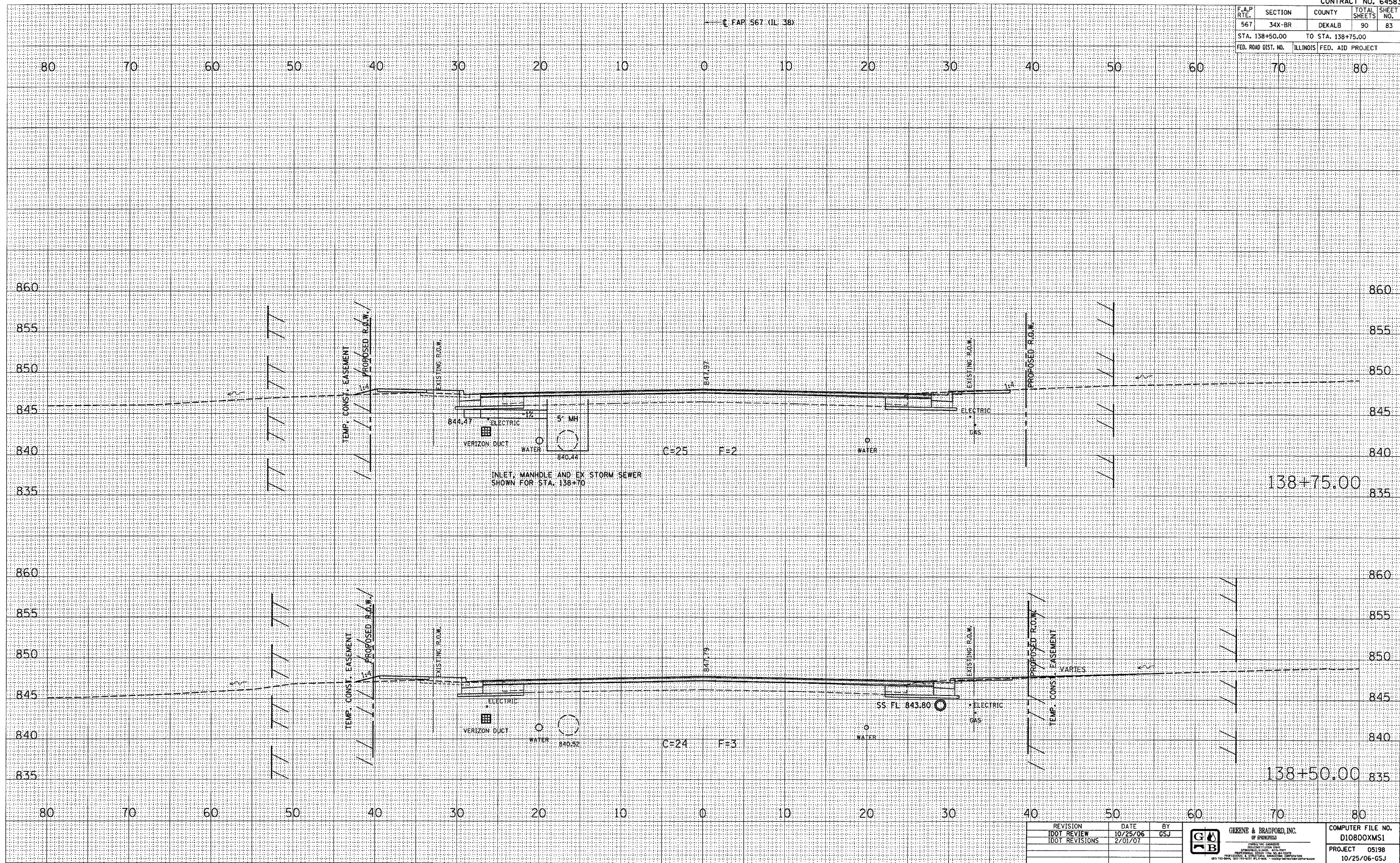
FINAL SURVEY

DATE	
BY	
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY

DATE	
BY	
DESIGNED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

PLOT DATE = 2/2/2007  
 FILE NAME = 101000001  
 PLOT SCALE = 1"=40'  
 REFERENCE = REF  
 OPERATOR = USER



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 1011 N. WASHINGTON ST.  
 SPRINGFIELD, ILLINOIS 62762-1000  
 PHONE: 217-223-1100 FAX: 217-223-1101  
 WWW: WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO. D10800XMS1
PROJECT 05198
10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**



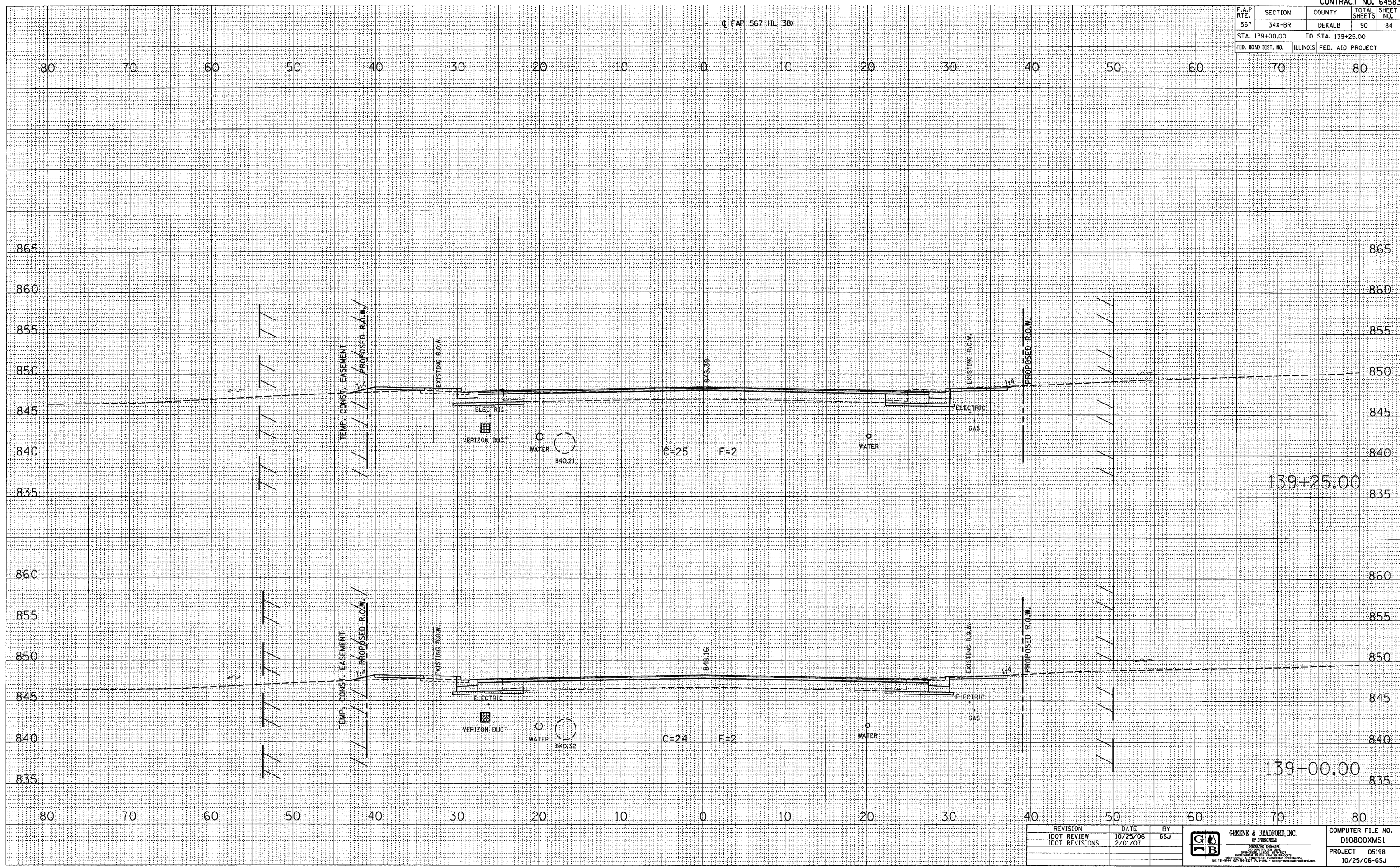
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	84
STA. 139+00.00		TO STA. 139+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

C.F.A.P. 567 (IL 38)

DATE	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

PLOT DATE : 2/2/2007  
 PLOT SCALE : 1"=40'  
 REFERENCE : \*REF\*  
 OPERATOR : \*OPER\*



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	



COMPUTER FILE NO.  
D10800XMS1  
PROJECT 05198  
10/25/06-GSJ

CROSS SECTIONS - MAINLINE

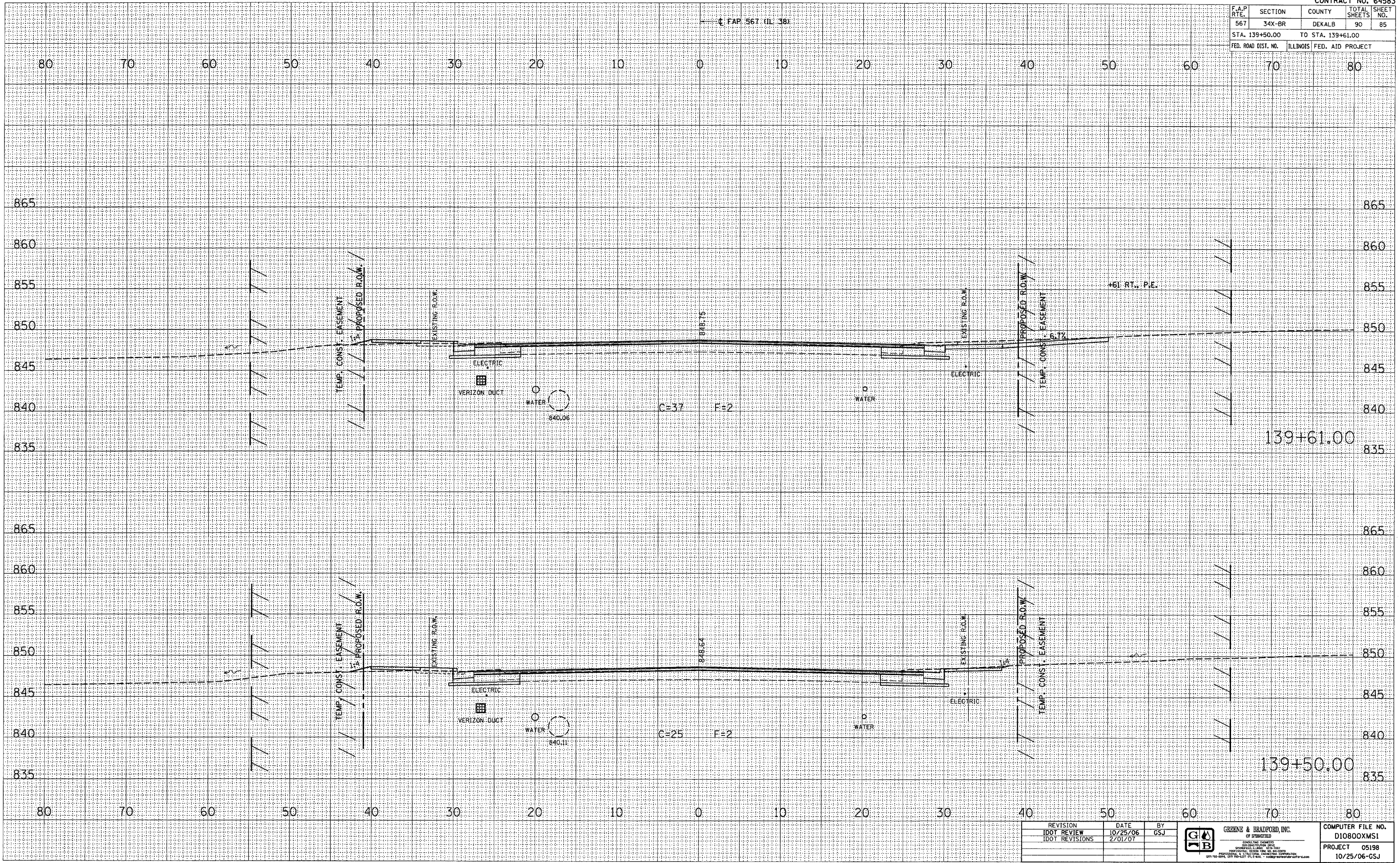


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	85
STA. 139+50.00		TO STA. 139+61.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	NO.
TEMPLATE	AREAS CHECKED
AREAS	

ORIGINAL SURVEY	DATE
REVISIONS	BY
NOTE BOOK	NO.
TEMPLATE	AREAS CHECKED
AREAS	

PLOT DATE : 2/22/07  
 FILE : 10100001  
 PLOT SCALE : 1"=40'  
 REFERENCE : #REF#  
 OPERATOR : #USER#



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GJS
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 2000 CENTRE STREET, SPRINGFIELD, ILLINOIS 62761  
 PROFESSIONAL ENGINEERING CORPORATION  
 011-0044, 011-784-0211, FAX: 011-784-0000

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

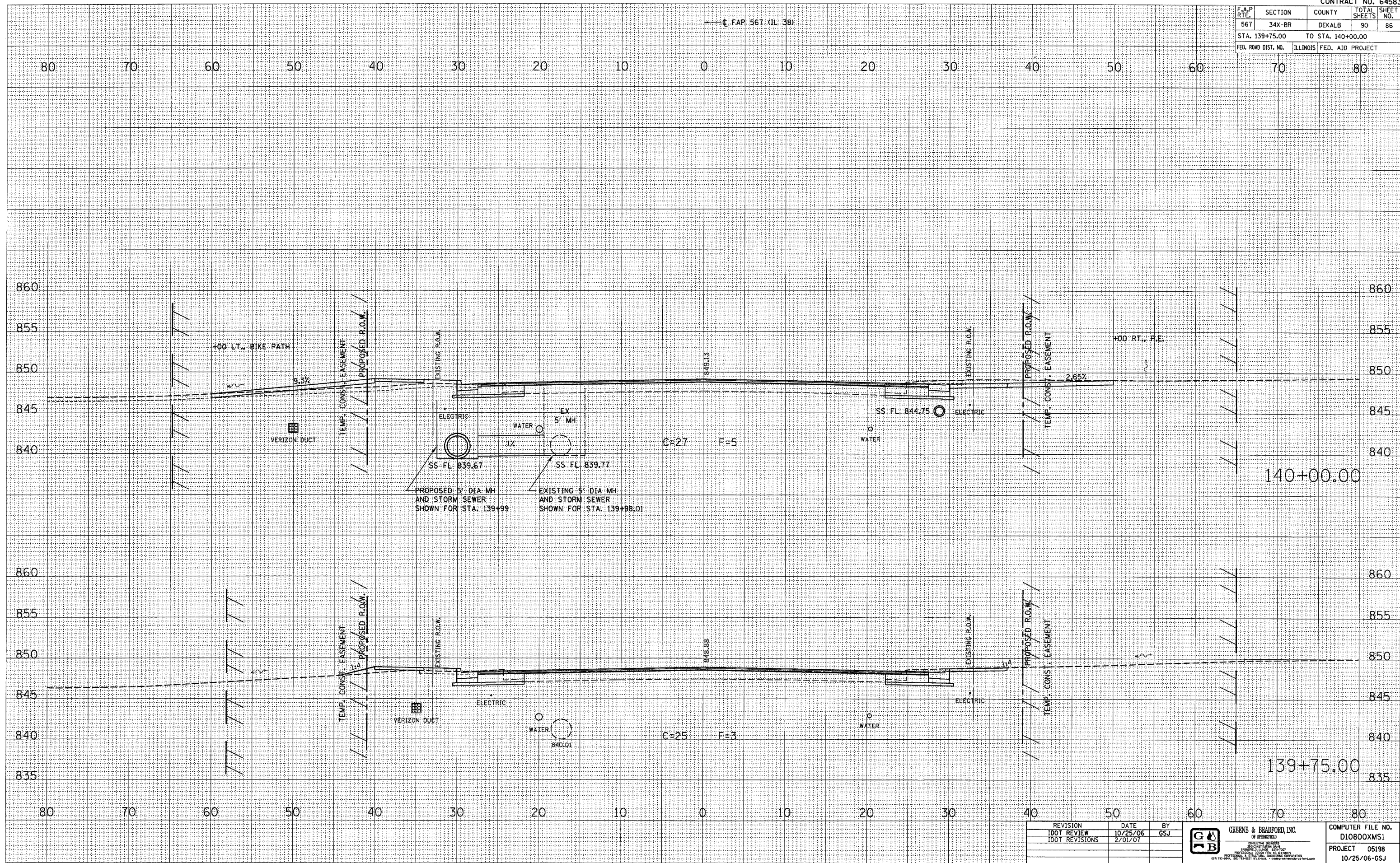


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	86
STA. 139+75.00		TO STA. 140+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
REVISIONS		
NOTED		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISIONS		
NOTED		
PLOTTED		
TEMPLATE		
AREAS		
CHECKED		

PLOT DATE = 2/2/2007  
 FILE NAME = 34X-BR  
 PLOT SCALE = 1"=40'  
 REFERENCE = REF#  
 OPERATOR = USER#



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 ENGINEERING & ARCHITECTURE  
 1100 N. WASHINGTON ST.  
 DEKALB, ILLINOIS 62521  
 PROFESSIONAL ENGINEER LICENSE NO. 0218-0001  
 PROFESSIONAL ARCHITECT LICENSE NO. 0218-0001  
 618-784-4444, 618-784-4445 FAX 618-784-4446

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

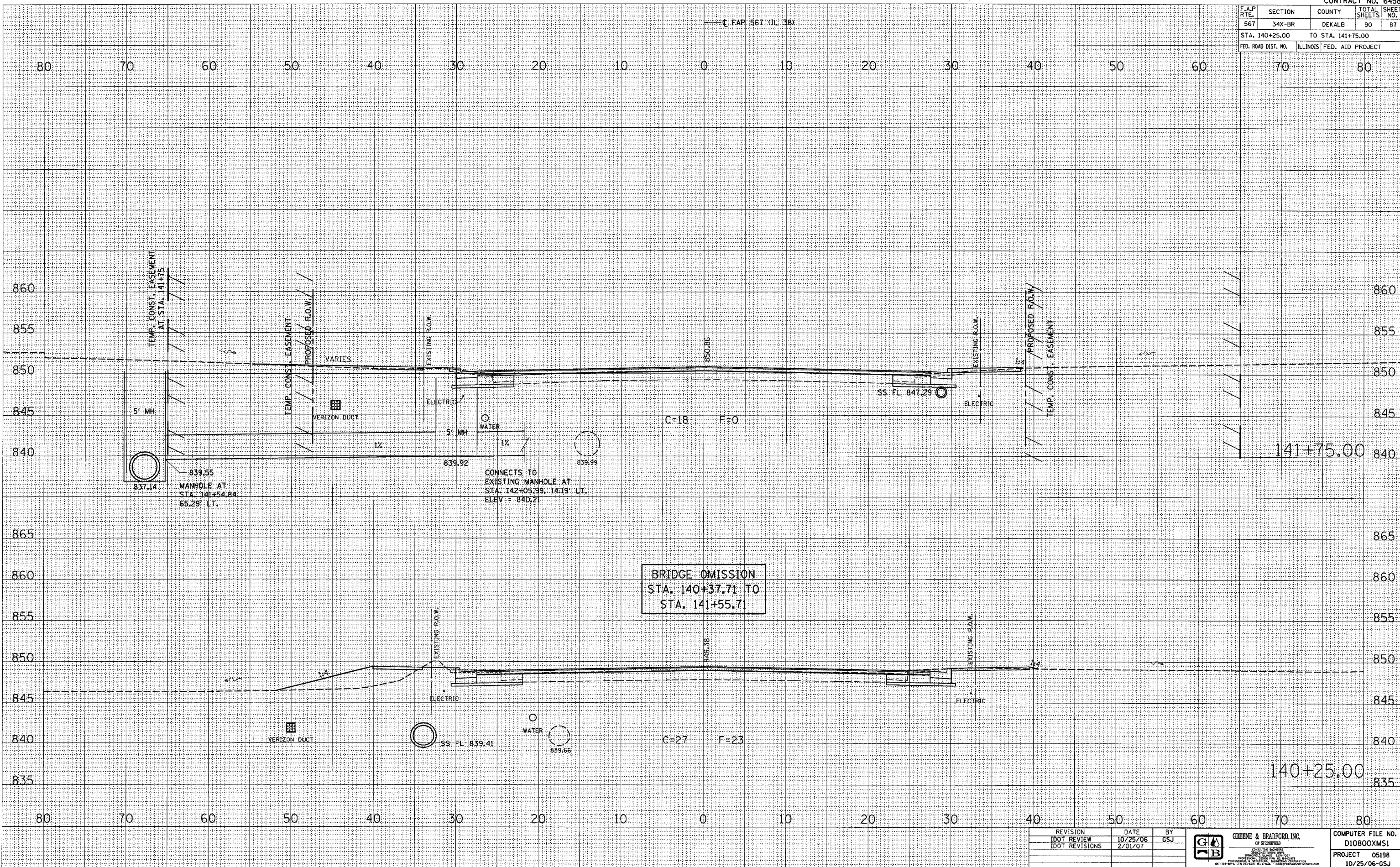


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	87
STA. 140+25.00		TO STA. 141+75.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

PLOT DATE = 2/2/2007  
 FILE NAME = 6FILE6  
 SCALE = 8/32000  
 REFERENCE OPERATOR = 8158R



BRIDGE OMISSION  
 STA. 140+37.71 TO  
 STA. 141+55.71

REVISION	DATE	BY
100T REVIEW	10/25/06	GSJ
100T REVISIONS	2/01/07	

**GREENE & BRADROAD, INC.**  
 CONSULTING ENGINEERS  
 4011 73rd Street, Suite 200, Elmhurst, IL 60120  
 (708) 321-1100

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

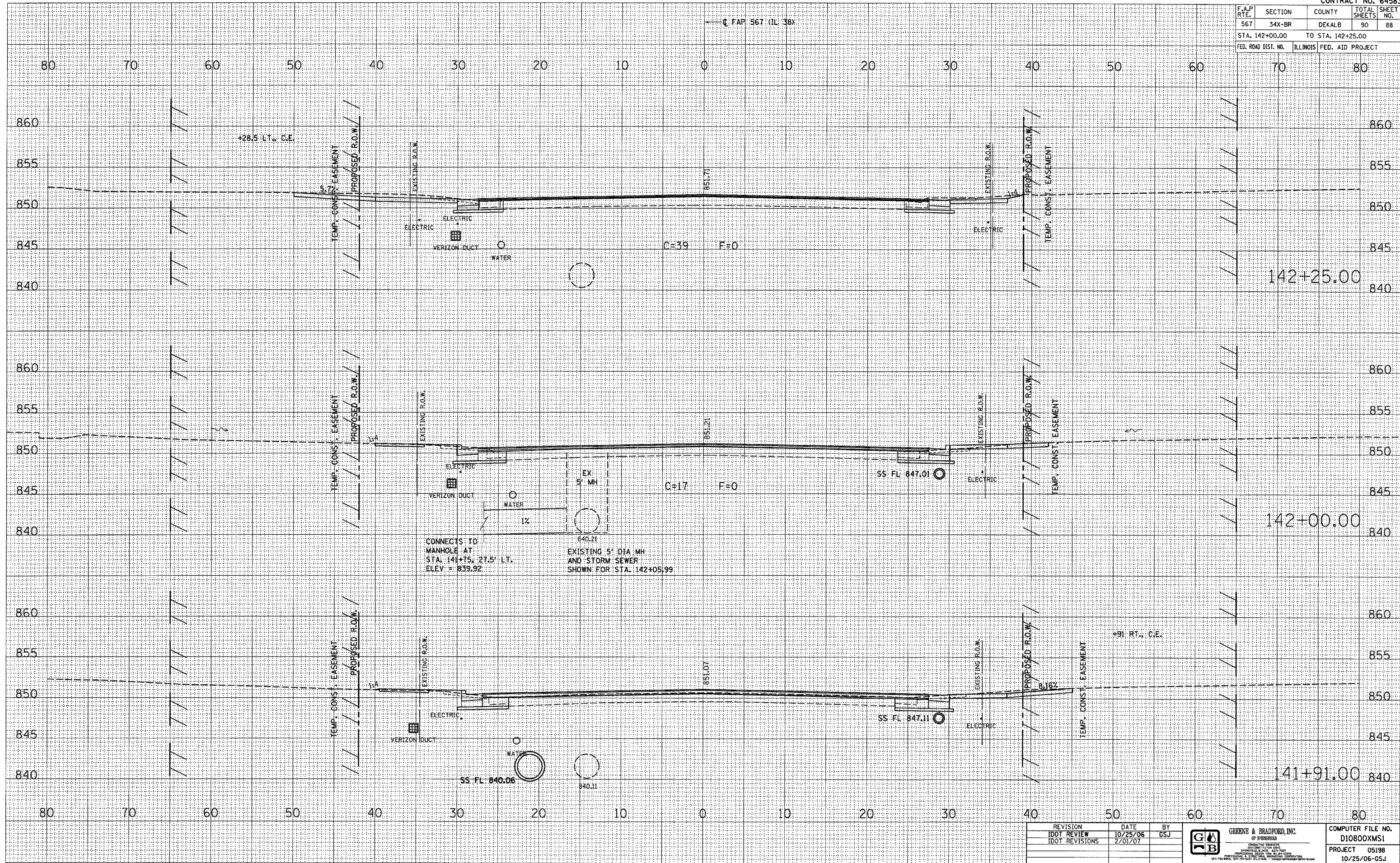


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	88
STA. 142+00.00		TO STA. 142+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
DESIGNED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
DESIGNED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	2/2/2007
FILE NAME	34X-BR
SCALE	AS SHOWN
REFERENCE	AS SHOWN
OPERATOR	AS SHOWN



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 CONSULTING ENGINEERS  
 1000 W. WASHINGTON ST., SUITE 200  
 DEKALB, ILLINOIS 62521  
 PHONE: 618-484-2100 FAX: 618-484-2101  
 WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**

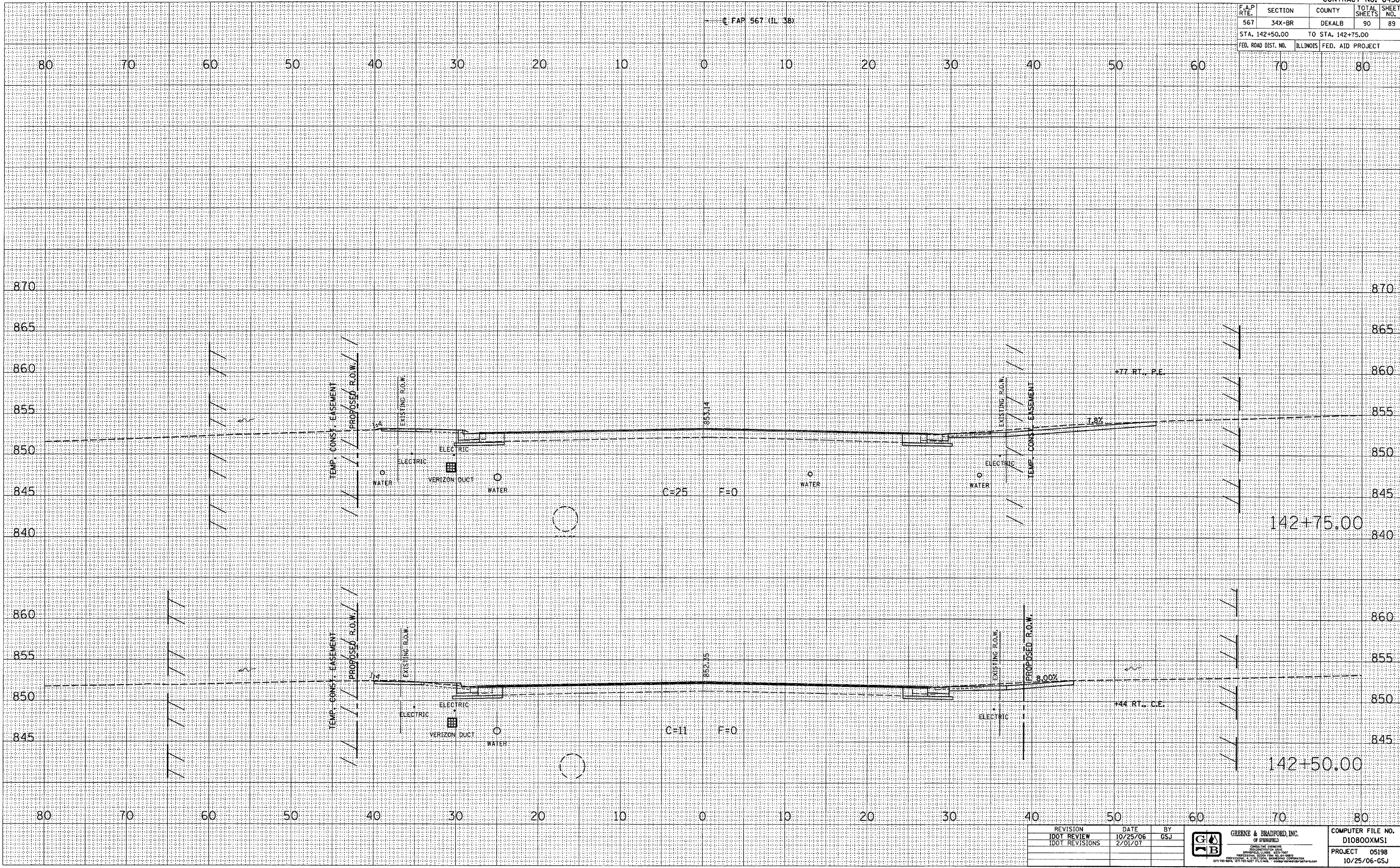


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	89
STA. 142+50.00		TO STA. 142+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	DATE
BY	
NO. OF SHEETS	
PLOTTED	
TEMP. AREAS	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
BY	
NO. OF SHEETS	
PLOTTED	
TEMP. AREAS	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE : 2/2/07  
 FILE NAME : #FILE#  
 PLOT SCALE : #SCALE#  
 REFERENCE : #REF#  
 OPERATOR : #USER#



REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 CONSULTING ENGINEERS  
 1000 N. WASHINGTON ST.  
 DEKALB, ILL. 62521-1000  
 PHONE: 618-484-1100 FAX: 618-484-1101  
 WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO.	D10800XMS1
PROJECT	05198
	10/25/06-GSJ

**CROSS SECTIONS - MAINLINE**



