

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	1

91 Total Sheets

INDEX OF SHEETS

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32-45	BRIDGE PLANS-STRUCTURE NO. 019-0044
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66	BUTT JOINT DETAILS
67	SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS (35.4)
67	LETTERING FOR NAME PLATE (89.4)
67	EROSION CONTROL DETAILS FOR SILT FENCE (29.2)
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72	CONCRETE COLLARS FOR PIPE OR BOX CULVERT EXTENSIONS (33.1)
73-90	CROSS SECTIONS

Project Engineer: Mark Jones

Squad Leader: Dave Broviak (815) 434-8435

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

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
602306-01	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
63031-06	TRAFFIC BARRIER TERMINAL, TYPE C
664001-01	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

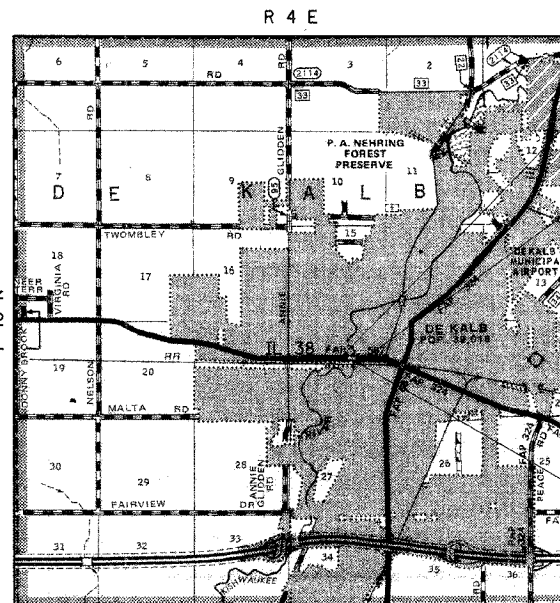
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE GIVEN SCALES MAY BE USED.

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

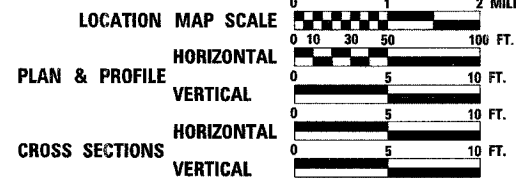
TOWNSHIP: DEKALB  
SECTION: 22

CONTRACT NO. 64583

C-92-040-06



LOCATION MAP SCALE  
NET LENGTH OF PROJECT = 850 FEET = 0.161 MILES  
GROSS LENGTH OF PROJECT = 850 FEET = 0.161 MILES  
20% ADT 20990, PV = 96.3% SU = 2.1% MU = 1.6%



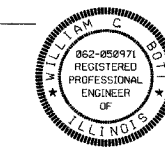
PROJECT BEGINS STA. 134+70.00

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



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED October 27, 2006

Frank P. Decker  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

February 2, 2007  
Eric E. Ham  
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2007  
Milton R. Sues, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

DISTRICT 3 OTTAWA, IL

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06



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

FAP 567 (IL RTE 38) DEKALB COUNTY

# 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	SO 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)	SO YD	184	184						
28100109	STONE RIPRAP, CLASS A5	SO YD	1050		1050					
28200200	FILTER FABRIC	SO YD	1050		1050					
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SO YD	27	27						
35101400	AGGREGATE BASE COURSE, TYPE B	TON	127	127						
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SO YD	1177	1177						
35501336	HOT-MIX ASPHALT BASE COURSE 13"	SO 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	SO YD	713	713						
40600990	TEMPORARY RAMP	SO 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	SO YD	367	367						
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SO YD	74	74						
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SO YD	451	451						
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	194	194						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	10,174	10,174						
44000100	PAVEMENT REMOVAL	SO YD	580	580						
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	1366	1366						
44000200	DRIVEWAY PAVEMENT REMOVAL	SO 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	SO 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 CRACK 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	SO YD	741		741					
50300300	PROTECTIVE COAT	SO 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	SO 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 = 12/13/2006  
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 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#  
 OPERATOR = #USER#

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 BOTI

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 REGISTERED PROFESSIONAL ENGINEERS  
 PROFESSIONAL ENGINEERING FIRM NO. 0228  
 201101-004, 201101-027 P.E. No. 004689990000000000

COMPUTER FILE NO. D10800CVR  
 PROJECT 05198  
 10/25/06-05J

## SUMMARY OF QUANTITIES

# 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 I 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 G	EACH	2	2							
63200310	GUARDRAIL REMOVAL	FOOT	86	86							
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MD	10	10							
67100100	MOBILIZATION	L SUM	1	1							
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	SO 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	SO 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	SO 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	SO 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				
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1							
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SO FT	342			342					
X0324886	CONDUIT INSTALLED, 1 1/4" DIA., NON-METALLIC	FOOT	730				730				
X0324939	ANCHOR RODS	EACH	16			16					
X0930400	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

PLT DATE = 10/16/06  
 FILE NAME = 471614.DWG  
 PLOT SCALE = AS SHOWN  
 REFERENCE = REF  
 OPERATOR = JUBEN

## ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES

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

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

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

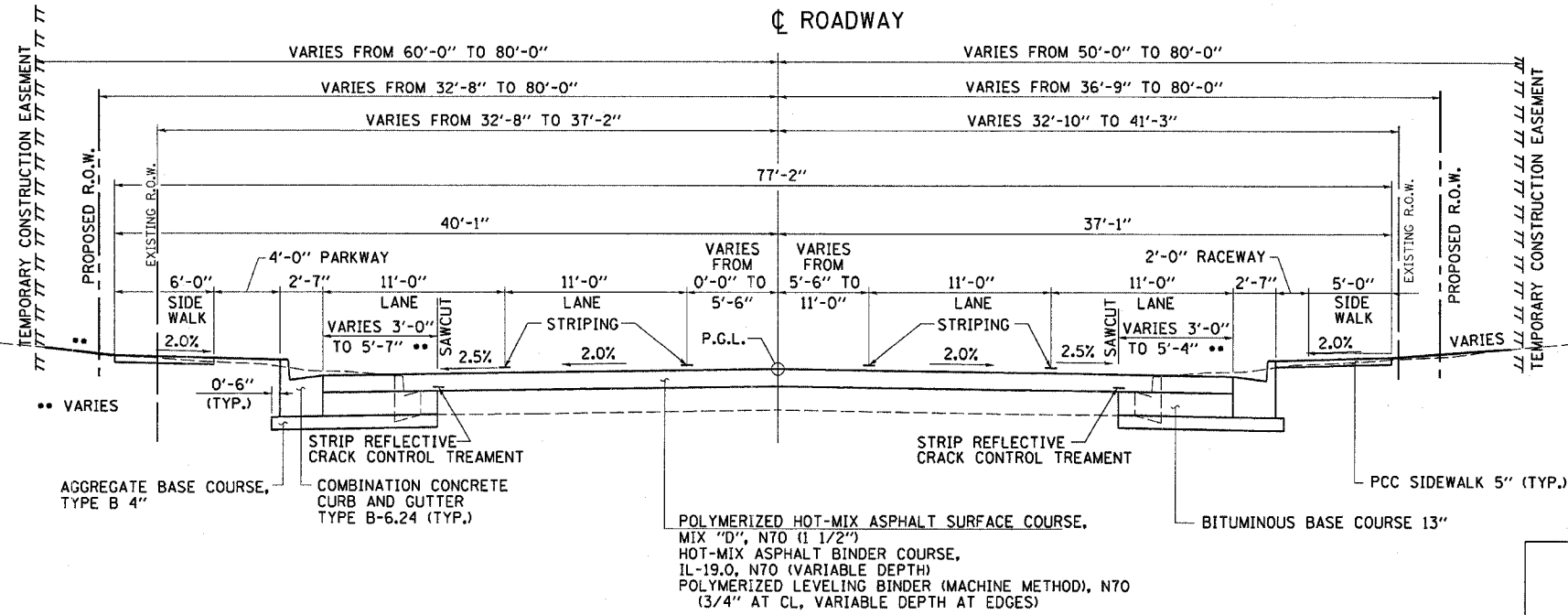
GREENE & BRADFORD, INC.  
 REGISTERED PROFESSIONAL ENGINEERS  
 PROFESSIONAL ENGINEERS  
 1001 N. W. 10th St., Suite 100  
 Fort Lauderdale, FL 33304  
 (954) 575-8227 FAX (954) 575-8228  
 www.greenegb.com

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

## SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# TYPICAL SECTIONS



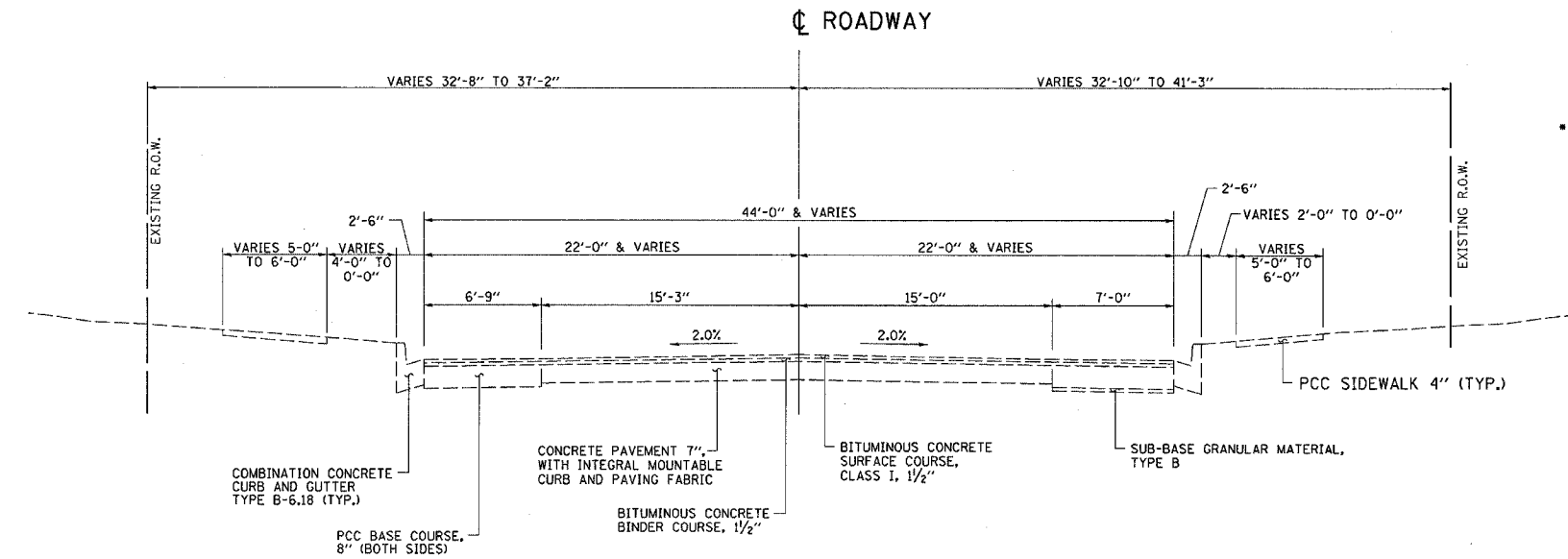
**PROPOSED TYPICAL SECTION**

STA. 134+70.00 TO STA. 140+08.21  
STA. 141+85.21 TO STA. 143+20.00

•• SAWCUT LOCATIONS  
STA. 134+70 TO STA. 136+89, LT  
STA. 134+70 TO STA. 135+69, RT  
STA. 142+15 TO STA. 143+20, LT.  
STA. 142+20 TO STA. 143+20, RT.

	HMA BINDER	POLYMER HMA LEVELING BINDER	POLYMER HMA SURFACE	HMA BASE COURSE
PG GRADE	PG64-22	SBS PG 70-22	SBS PG 70-22	PG58-22
MAX % RAP ALLOWABLE**	15% ***	10%	10%	30%
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N70	2.0% @ N30
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5	BAM
FRICTION AGGREGATE			MIXTURE D	
DENSITY CONTROL METHOD	CORES/NUCLEAR	SATISFACTION OF THE ENGINEER	CORES/NUCLEAR	CORES/NUCLEAR

- IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.
- \*\*\* IF 3/8" RAP IS UTILIZED, MAXIMUM PERCENT MAY BE INCREASED TO 25% FOR BINDER AS STATED IN THE RAP BDE.



**EXISTING TYPICAL SECTION**

STA. 134+70.00 TO STA. 140+57.40  
STA. 141+47.40 TO STA. 143+20.00

PLT DATE = 11/15/2006  
FILE NAME = #FILES  
PLOT SCALE = #SCALE#  
REFERENCE = #REF#  
OPERATOR = #USER#

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**

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

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

DRAWN BY SUTHEARD  
CHECKED BY BOTT

COMPUTER FILE NO.  
D10800TYP

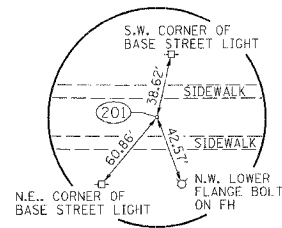
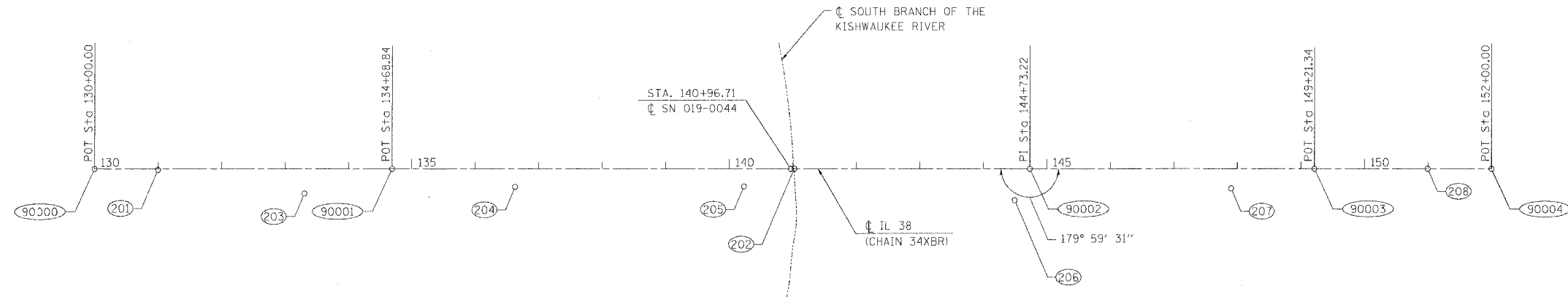
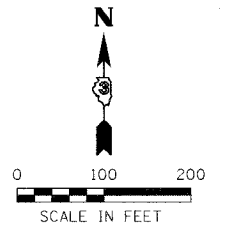
PROJECT 05198  
10/25/06-GSJ

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONCRETE TECHNIQUES  
CONSTRUCTION CORP.  
PROFESSIONAL & CONSULTING CORPORATION  
401 100 5000, 501 100 5000, 501 100 5000

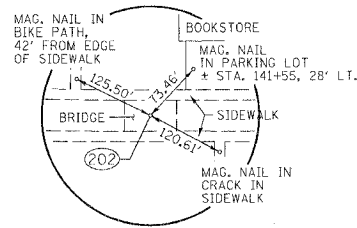
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# HORIZONTAL AND VERTICAL CONTROL

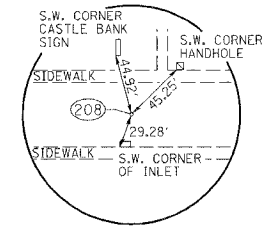
**BENCH MARKS**  
SEE PLAN & PROFILE SHEETS FOR BENCH MARK DATA.



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 S-o	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'  
HORIZ. 1" = 100'  
DATE 9/30/05

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS  
REGISTERED IN THE STATE OF ILLINOIS  
NO. 198-0644, 197-795-8177, 171-1111

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

DATE = 09/30/05  
FILE NAME = HVC  
PLOT SCALE = 1"=100'  
REFERENCE = REF  
OPERATOR = MUSE

# 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. Janssen*  
DISTRICT CONSTRUCTION ENGINEER

*Mark Schul*  
DISTRICT MATERIALS ENGINEER

*Bruce W. ...*  
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

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

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

PLOT DATE = 11/16/2006  
FILE NAME = 111111  
PLOT SCALE = \*SCALE\*  
REFERENCE = \*REF\*  
OPERATOR = \*USER\*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# GENERAL NOTES

Pavement Marking shall be done according to Standard 780001, except all arrows shall be the large size and the distance between yellow no-passing lines shall be 8" not 7" as shown in the detail of typical lane and edge lines.

Earth excavation necessary to construct PCC sidewalk shall be included in the cost of PCC sidewalk 5".

The Contractor shall place a PERMANENT SURVEY MARKER, TYPE II, in the bridge parapet as directed by the Engineer.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The Engineer shall submit this information to the Survey Crew.

Aggregate Base Course, Type B, for temporary access is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Name and Address of Utility	Type	Telephone
Mr. Larry Meyers Commonweath Edison Company 123 Energy Ave. Rockford IL 61109	Electric	(815)-490-2869
Mr. Gary Kluz Verizon 112 West Elm Street Sycamore IL 60178	Telephone	(815)-895-1515
Mr. Michael Zima DeKalb Sanitary District P.O. Box 624/303 Hollister Ave. DeKalb IL 60115	Sewer	(815)-758-3513
Mr. Scott Stogsdill NICOR Gas Co. 1844 Ferry Road Naperville IL 60563-9600	Gas	(630)-983-8676
Mr. Joel Maurer City of DeKalb 223 South Fourth St., Suite B DeKalb IL 60115	Water	(815)-748-2030

Mr. Dale Peters CATV (815)-672-5071  
MediaCom  
2506 1/2 Bloomington  
Streator IL 61364

Mr. Mike Williams CATV (815)-758-3401  
Comcast Cable  
1430 Sycamore Road  
DeKalb IL 60115

Following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of JULIE and should be notified individually by the contractor:

Name and Address of Utility	Type	Telephone
Mr. Tom Schaefer IDOT-OTTAWA 700 E. Norris Drive Ottawa IL 61350	GOVT	(815)-434-8446

The applicable portions of Article 105.07 of the Standard Specifications shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date + 135 days.

Porous Granular Embankment should be uncompacted when used at the ends of integral abutments.

PLOT DATE = #D01E#  
FILE NAME = #F01E#  
PLOT SCALE = #S01E#  
REFERENCE = #R01E#  
OPERATOR = #U01E#

REVISIONS	
NAME	DATE
IDOT REVIEW	10/25/06

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  
REGISTERED ENGINEER  
CONSTRUCTION DIV.  
SPRINGFIELD, ILLINOIS 62761  
PROFESSIONAL ENGINEER NO. 021-00078  
REGISTERED PROFESSIONAL ENGINEER  
10/19/04 10/19/04 10/19/04 10/19/04

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 (815/758-8450) 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

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO.  
 D10800CVR

PROJECT 05198  
 10/25/06-GSJ

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



# SCHEDULE OF QUANTITIES

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	

**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+08MAINLINE
0.1	140+00, LT		BIKE PATH
1.7	141+85	-	143+20MAINLINE
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+99, 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 BOTY

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

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 CIVIL ENGINEERS  
 PROFESSIONAL ENGINEERS AND ARCHITECTS  
 REGISTERED IN THE STATE OF ILLINOIS  
 OFFICE: 100 SOUTH 10TH STREET, SPRINGFIELD, ILLINOIS 62761  
 TEL: 217-244-1000 FAX: 217-244-1001 WWW.GREENE-AND-BRADFORD.COM

DATE = 2/7/2007  
 FILE NAME = 34X-BR  
 PLOT SCALE = 1"=40'  
 REFERENCE = REF  
 OPERATOR = MUSER

# 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+81, 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+81.0, 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+51.50 - 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. \_\_\_\_\_  
 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  
 REGISTERED PROFESSIONAL ENGINEER  
 LICENSE NO. 12121  
 PROFESSIONAL DESIGNER  
 LICENSE NO. 0110028  
 REGISTERED PROFESSIONAL SURVEYOR  
 LICENSE NO. 0110028  
 600 N. 5TH ST., SPRINGFIELD, ILL. 62767-1001  
 TEL: 217-223-1111 FAX: 217-223-1112

PLOT DATE = 2/2/2007  
 PLOT SCALE = 1"=40'  
 PLOT NAME = 34X-BR  
 REFERENCE = #REFS  
 OPERATOR = #USERS

# 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 = 2/27/06  
 PLOT SCALE = 1"=40'  
 REFERENCE = 06REF  
 OPERATOR = 06USER

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. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 10/24/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

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	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	DESCRIPTION	APPL.
680	134+70	143+20, LT & REAR MARKING - WHITE	4 APPL.
680	134+70	143+20, LT & RETURN 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	DESCRIPTION
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	DESCRIPTION
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	DESCRIPTION
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	DESCRIPTION
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	DESCRIPTION
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+25
	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	DESCRIPTION
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	

PLOT DATE = 2/2/2007  
 PLOT SCALE = AS SHOWN  
 PLOT SCALE = AS SHOWN  
 REFERENCE = REFERENCE  
 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.  
 DATE 10/24/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 12120  
 PROFESSIONAL ENGINEER IN CIVIL  
 LICENSE NO. 12120

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	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"**

FOOT	LOCATION	DESCRIPTION
220	134+70, 11' LT	- 143+20, 15.5' LT LANE LINE - DASHED WHITE
220	134+70, 21' RT	- 143+20, 16' RT LANE LINE - DASHED WHITE
813	134+70, CL	- 142+83, 5.3' LT EDGELINE - SOLID YELLOW
813	134+70, 10' RT	- 142+83, 5.2' RT EDGELINE - SOLID YELLOW
210	134+70, 1.0' RT	- 142+83, 4.3' LT TURN LANE - DASHED YELLOW
210	134+70, 9.0' RT	- 142+83, 4.2' RT TURN LANE - DASHED YELLOW
74	142+83, 5.2' RT	- 143+20, CL TURN LANE - DOUBLE SOLID YELLOW
74	142+83, 5.4' LT	- 143+20, 5.3' LT CENTERLINE - DOUBLE SOLID YELLOW
218	143+20, 5.3' LT	- 144+29, 5.3' LT CENTERLINE - DOUBLE SOLID YELLOW
120	143+20, CL	- 143+80, 5.3' LT TURN LANE - DOUBLE SOLID YELLOW
25	143+20, 16.5' LT	- 144+27, 16.5' LT LANE LINE - DASHED WHITE
25	143+20, 16.5' RT	- 144+27, 16.5' RT LANE LINE - DASHED WHITE
80	145+25, 16.5' LT	- 148+40, 16.5' LT LANE LINE - DASHED WHITE
80	145+25, 16.5' RT	- 148+40, 16.5' RT LANE LINE - DASHED WHITE
652	145+23, 5.5' RT	- 148+40, 3' LT CENTERLINE - DOUBLE SOLID YELLOW
370	146+52, 5.5' RT	- 148+36, 5.5' LT TURN LANE - DOUBLE SOLID YELLOW
4204		TOTAL

**78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"**

FOOT	LOCATION	DESCRIPTION
47	143+80, 5.5' RT	- 144+27, 5.5' RT TURN LANE - SOLID WHITE
55	144+34, 27' RT	- 144+35, 28' LT CROSSWALK - SOLID WHITE
57	144+40, 27' RT	- 144+41, 30' LT CROSSWALK - SOLID WHITE
69	144+40, 27' RT	- 145+09, 27' RT CROSSWALK - SOLID WHITE
60	144+48, 33' RT	- 145+08, 33' RT CROSSWALK - SOLID WHITE
33	144+53, 41' LT	- 144+86, 45' LT CROSSWALK - SOLID WHITE
29	144+56, 48' LT	- 144+84, 51' LT CROSSWALK - SOLID WHITE
54	145+09, 27' RT	- 145+13, 27' LT CROSSWALK - SOLID WHITE
55	145+15, 28' RT	- 145+19, 27' LT CROSSWALK - SOLID WHITE
127	145+25, 5.5' LT	- 146+52, 5.5' LT TURN LANE - SOLID WHITE
586		TOTAL

**78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"**

FOOT	LOCATION	DESCRIPTION
108	144+34, 27' RT	- 144+35, 28' LT CROSSWALK BARS - WHITE
120	144+48, 33' RT	- 145+08, 33' RT CROSSWALK BARS - WHITE
60	144+56, 48' LT	- 144+84, 51' LT CROSSWALK BARS - WHITE
108	145+09, 27' RT	- 145+13, 27' LT CROSSWALK BARS - WHITE
84	146+93	- 148+33 TURN LANE DIAGONALS - YELLOW
480		TOTAL

**78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"**

FOOT	LOCATION	DESCRIPTION
32	144+29, 5' LT	- 144+29, 27' RT STOP BAR - WHITE
32	145+23, 5' RT	- 145+23, 27' LT STOP BAR - WHITE
64		TOTAL

**78100105 RAISED REFLECTIVE PAVEMENT MARKERS (BRIDGE)**

EACH	LOCATION	DESCRIPTION
2	140+55, 6.5' LT & RT	- BI-DIRECTIONAL AMBER
2	140+55, 16.5' LT & RT	- MONO-DIRECTIONAL WHITE
2	140+95, 6.5' LT & RT	- BI-DIRECTIONAL AMBER
2	141+35, 6.5' LT & RT	- BI-DIRECTIONAL AMBER
2	141+35, 16.5' LT & RT	- MONO-DIRECTIONAL WHITE
10		TOTAL

**78300100 PAVEMENT MARKING REMOVAL**

SQ. FT.	LOCATION	DESCRIPTION
518	135+87.5, CL	- 143+65, LT - DOUBLE YELLOW
66	135+87.5, RT	- 143+80, RT - WHITE SKIP DASH
74	138+75, LT	- 147+65, LT - WHITE SKIP DASH
153	141+50, CL	- 143+80, LT - DOUBLE YELLOW

**PRIOR TO STAGE II**

FOOT	LOCATION	DESCRIPTION
78	134+70, CL	- 135+87.5, CL - DOUBLE YELLOW
20	134+70, RT	- 137+10, RT - WHITE SKIP DASH
11	137+50, LT	- 138+75, LT - WHITE SKIP DASH
64	145+24, LT	- 146+52, LT - WHITE SOLID
29	145+24, RT	- 145+67, RT - DOUBLE YELLOW
122	146+52, RT	- 148+35, LT - DOUBLE YELLOW
6	147+65, LT	- 148+35, LT - WHITE SKIP DASH
1141		TOTAL

**81012600 CONDUIT IN TRENCH, 2" DIA., PVC**

FOOT	LOCATION	DESCRIPTION
18	STA. 140+35, 45' RT.	- STA. 140+38, 40' RT. (SN 019-0044)
42	STA. 141+55, 40' LT.	- STA. 141+82, 45' LT.
60		TOTAL

**81200215 CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC**

FOOT	LOCATION	DESCRIPTION
118	SN 019-0044	
118		TOTAL

**81200230 CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC**

FOOT	LOCATION	DESCRIPTION
95	SN 019-0044	
95		TOTAL

**81400100 HANDHOLE**

EACH	LOCATION	DESCRIPTION
1	134+90, 38' LT	
1		TOTAL

**CONCRETE HANDHOLE**

EACH	LOCATION	DESCRIPTION
1	134+70, 27' LT	
1	137+40, 30' LT	
1	140+10, 32' LT	
1	141+65, 32' LT	
1	143+15, 32' LT	
5		TOTAL

**81900200 TRENCH AND BACKFILL FOR ELECTRICAL WORK**

FOOT	LOCATION	DESCRIPTION
90	134+70	- 143+20, LT & RT
122	134+70	- 143+20, LT & RT
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
131	142+83	- 143+20, RT
1073		TOTAL

**UNIT DUCT, 2#4XLP, 1#4XLP GROUND 1" POLYETHYLENE**

FOOT	LOCATION	DESCRIPTION
99	134+90, 38' LT	- 135+78.72, 42' LT
126	135+78.72, 42' LT	- 136+99.67, 42' LT
136	136+99.67, 42' LT	- 138+30.12, 42' LT
361		TOTAL

**82102250 LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT**

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

**83600357 LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8"**

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

**84200600 REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE**

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

**84200700 LIGHTING FOUNDATION REMOVAL**

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

**89502375 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

EACH	LOCATION	DESCRIPTION
1	134+70	- 143+15, LT
1		TOTAL

**X0321556 SANITARY MANHOLES TO BE ADJUSTED**

EACH	LOCATION	DESCRIPTION
1	142+68.91, 17.42' RT	
1		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

COMPUTER FILE NO.  
 D10800CVR

PROJECT 05198  
 10/25/06-CSJ

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 1000 W. MONROE ST., SUITE 100  
 SPRINGFIELD, ILLINOIS 62760  
 PROFESSIONAL ENGINEERS REG. NO. 00000000  
 001 782-8888, 002 782-2222, 003 782-2222

PLOT DATE = 2/2/2007  
 PLOT SCALE = 1"=40'  
 PLOT SCALE = 1"=40'  
 REFERENCE = 01REFS  
 OPERATOR = 01USERS

# 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
	<u>EACH LOCATION</u>
	1 142+78, 38' LT
	1 TOTAL
X0324886	CONDUIT INSTALLED, 1 1/4" DIA., NON-METALLIC
	<u>FOOT LOCATION</u>
	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"
	<u>FOOT LOCATION</u>
	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
	<u>FOOT LOCATION</u>
	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
	<u>EACH LOCATION</u>
	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
	<u>EACH LOCATION</u>
	2 135+78.72, 42' LT
	2 136+99.67, 42' LT
	2 138+30.12, 42' LT
	6 TOTAL
50800515	BAR SPLICERS
	<u>EACH LOCATION</u>
	21 140+59.60, 62' RT - 140+59.60, 62' LT
	21 TOTAL
	BIKE PATH
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
	<u>EACH LOCATION</u>
	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
	<u>EACH LOCATION</u>
	1 139+77 - 139+00 (STAGE II)
	1 142+00 - 142+23 (STAGE II)
	2 TOTAL
Z0041700	PLUG EXISTING STORM SEWERS
	<u>EACH LOCATION</u>
	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

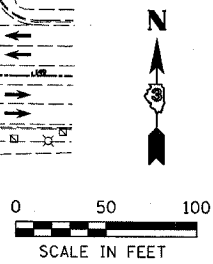
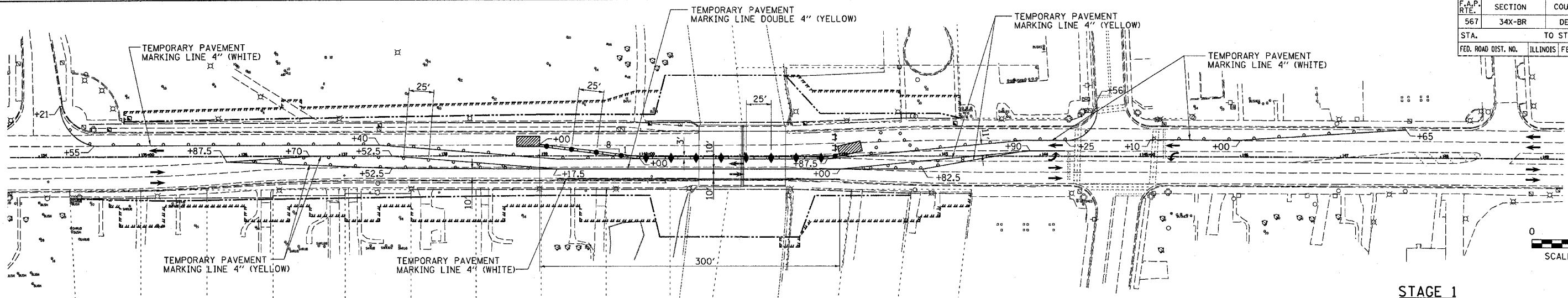
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 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
STATE OF ILLINOIS  
NO. 00125788  
PROFESSIONAL ENGINEER LICENSE NO. 00125788  
ILLINOIS PROFESSIONAL ENGINEERS BOARD

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

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

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		

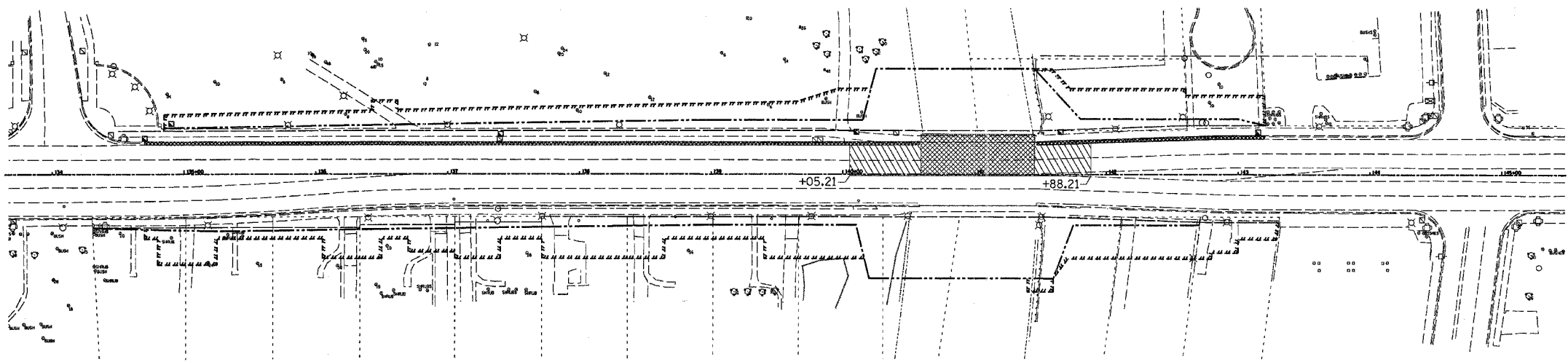


**STAGE 1  
SEQUENCE OF OPERATIONS**

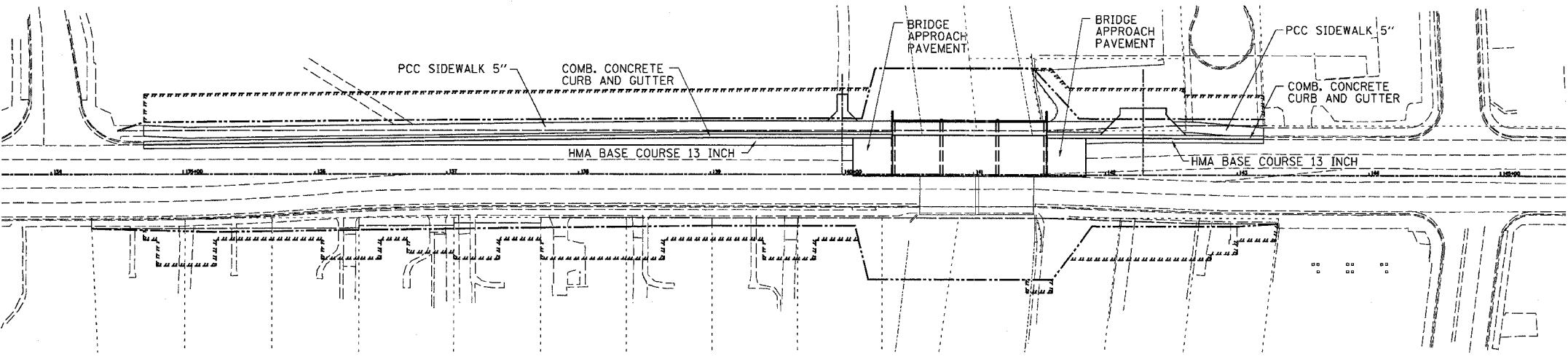
1. INSTALL ATTENUATOR BASES, ATTENUATORS AND TEMPORARY CONCRETE BARRIERS AS SHOWN. BEGIN OPERATING UNDER STAGE 1 TRAFFIC CONTROL CONDITIONS ACCORDING TO TRAFFIC CONTROL AND PROTECTION STANDARD 701606. ADD THREE ARROWBOARDS IN ACCORDANCE WITH STANDARD 701606. PLACE SIGNING IN ACCORDANCE WITH STANDARD 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

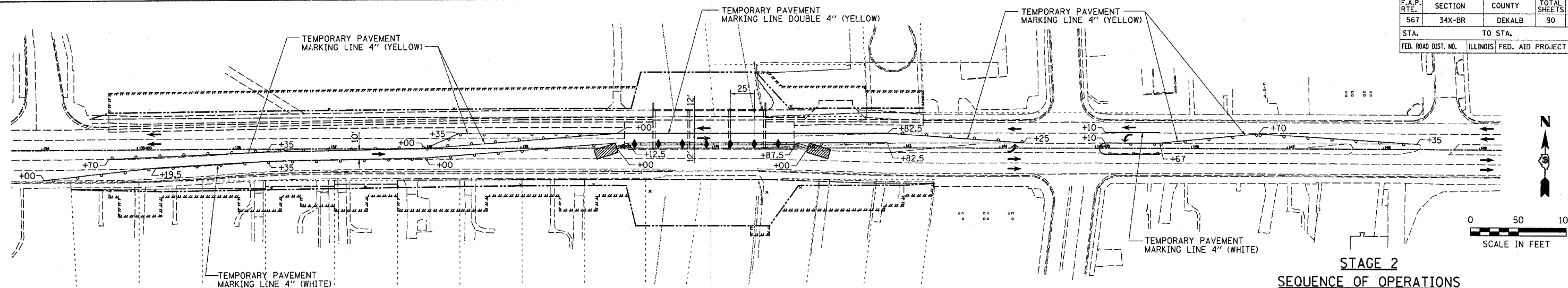
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HORIZ. DATE 8/29/05  
DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1000 W. WASHINGTON ST., SUITE 200  
PROFESSIONAL ENGINEER REG. NO. 0178-0001  
10775-BIRMINGHAM, AL 35243-5001  
COMPUTER FILE NO. D10800STG  
PROJECT 05198  
10/25/06-GSJ

**STAGE 1 CONSTRUCTION**

PLOT DATE: 12/15/2006  
FILE NAME: 06111515  
PREFERENCE: 06111515  
OPERATOR: 06111515

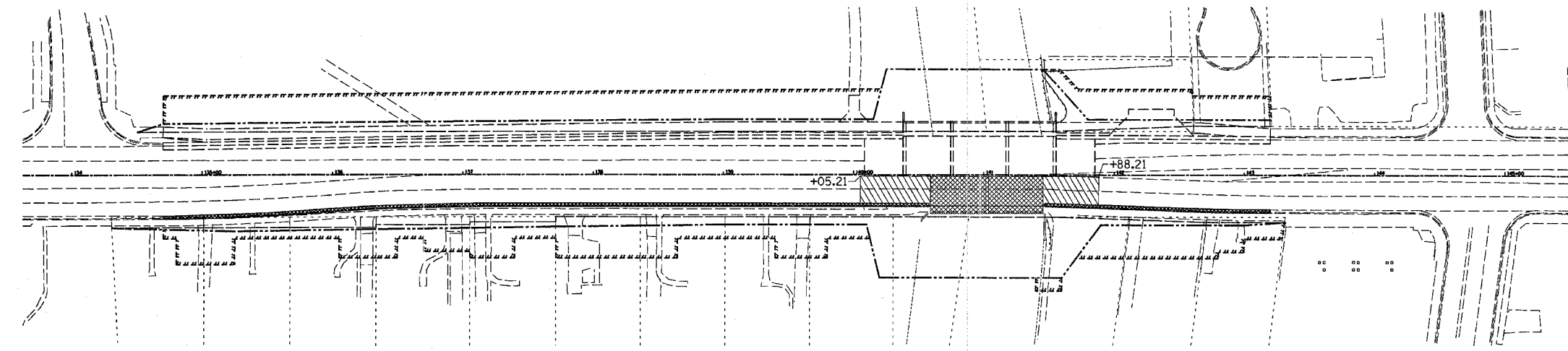
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567	34X-BR	DEKALB	90	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**TRAFFIC CONTROL**

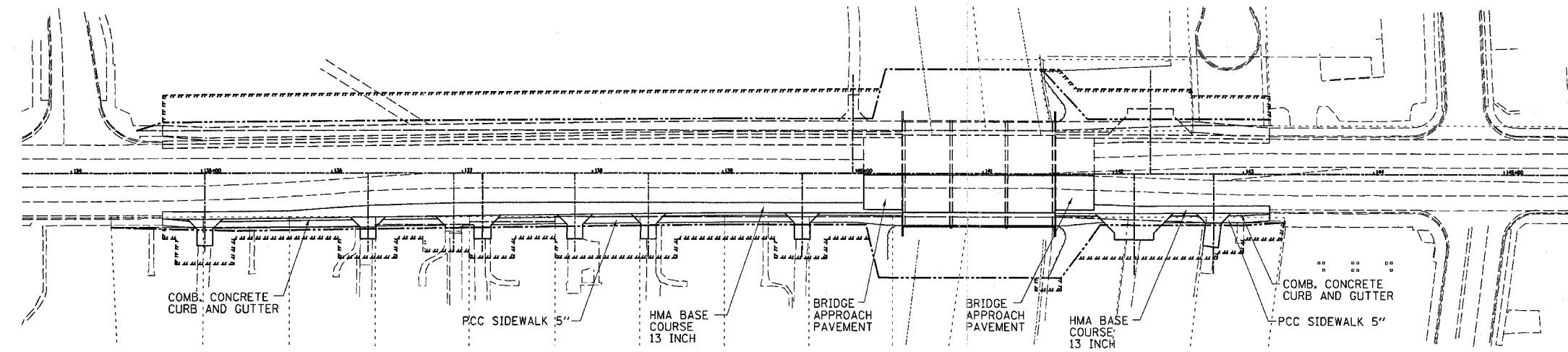
1. INSTALL ATTENUATOR BASES, ATTENUATORS AND TEMPORARY CONCRETE BARRIERS AS SHOWN. BEGIN OPERATING UNDER STAGE 2 TRAFFIC CONTROL CONDITIONS ACCORDING TO TRAFFIC CONTROL AND PROTECTION STANDARD 701606. ADD THREE ARROWBOARDS IN ACCORDANCE WITH STANDARD 701606. PLACE SIGNING IN ACCORDANCE WITH STANDARD 701606.
2. REMOVE 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.



**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 2 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.**  
CONSULTING ENGINEERS  
1000 W. MONROE ST., SUITE 100  
DEKALB, ILLINOIS 62521  
PROFESSIONAL ENGINEER LICENSE NO. 041-001919  
PROFESSIONAL SURVEYOR LICENSE NO. 041-001919

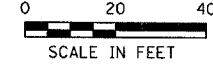
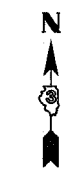
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PROJECT 05198  
10/25/06-GSJ

**STAGE 2 CONSTRUCTION**

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OPERATOR = #USER#



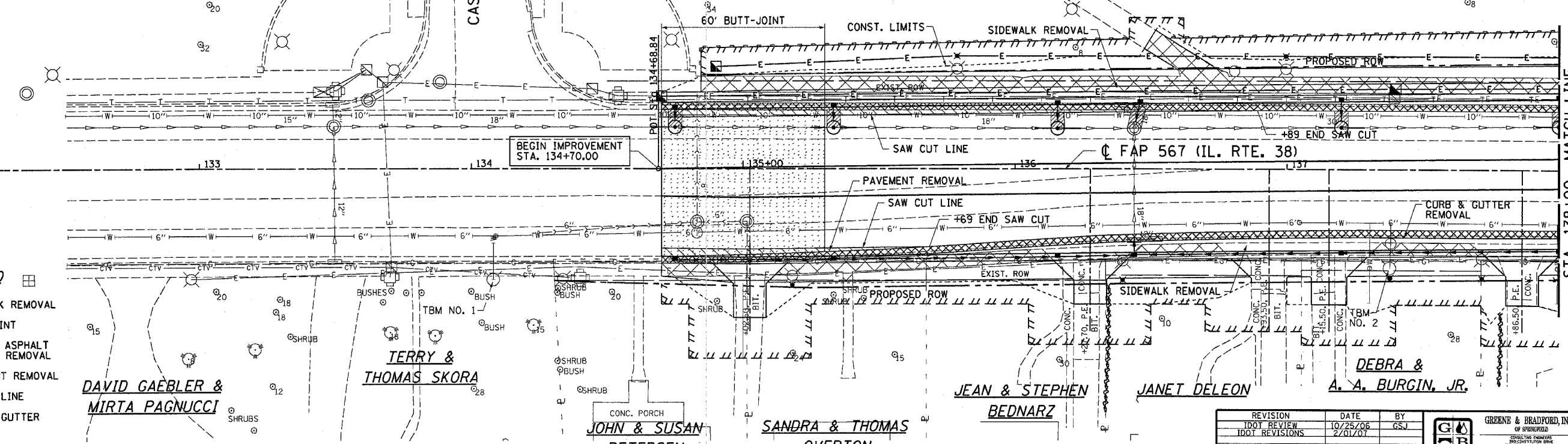
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	17
STA. 132+00		TO STA. 138+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NORTHERN ILLINOIS UNIVERSITY

NORTHERN ILLINOIS UNIVERSITY

CASTLE DRIVE



- 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	2/01/07	

**GREENE & BRADFORD, INC.**  
 CONSULTING ENGINEERS  
 1001 N. W. 10th St., Suite 100  
 Ft. Lauderdale, FL 33304  
 (954) 575-1100

COMPUTER FILE NO. D10800PLN3-01
PROJECT 05198
DATE 10/25/06-GSJ

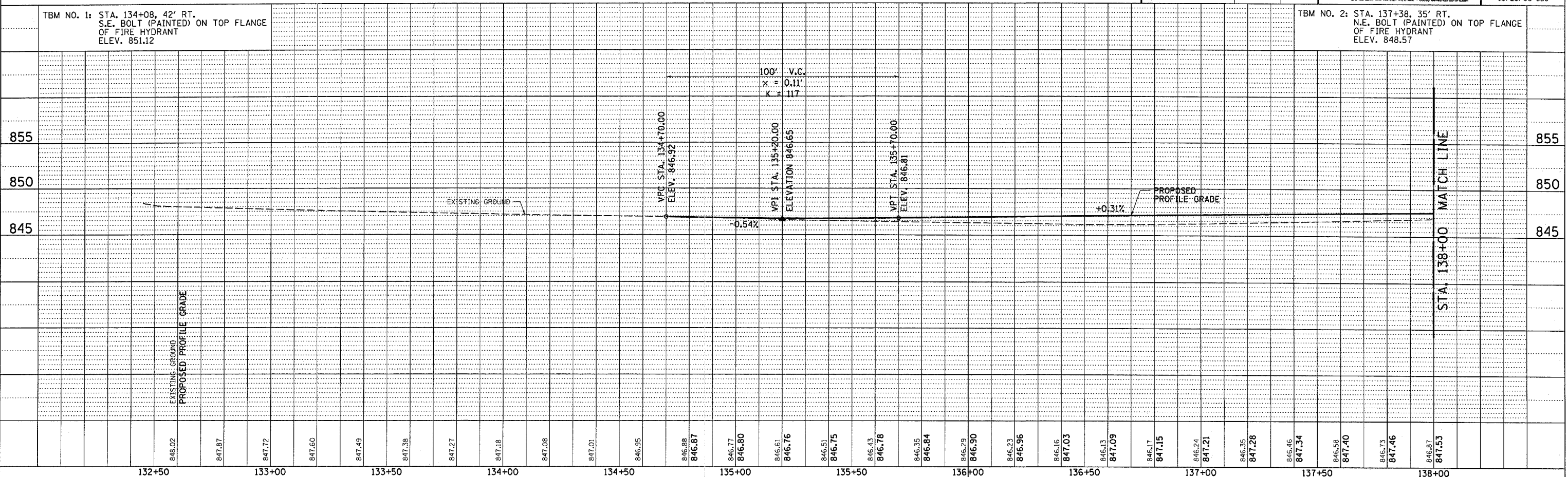
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PL. AN.	BY	DATE

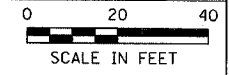
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PROFILE	NO.	DATE

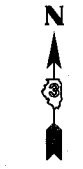
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	18
STA. 138+00		TO STA. 144+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LASALLE TRUST**  
B7711787801



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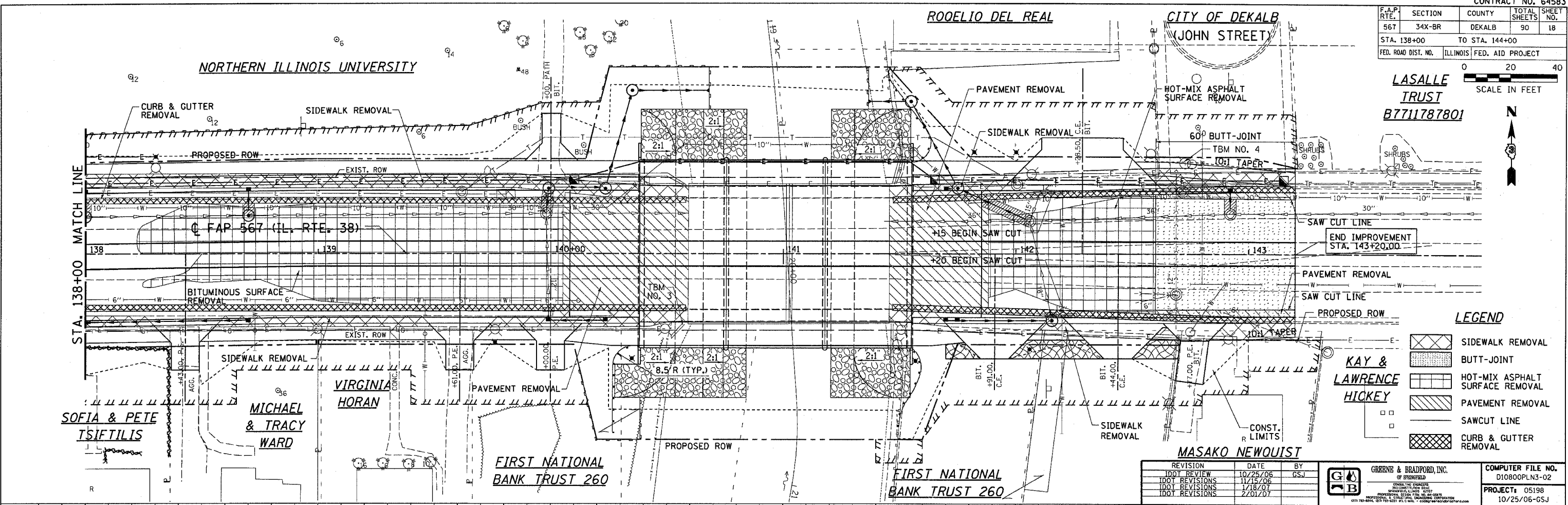
PLANNING	DATE

PLOTS & CHECKS	INT.	DATE	NO.	REASON

PROFILE	DATE

CHECKS	INT.	DATE	REASON

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 PLOT TIME = 1:05:58  
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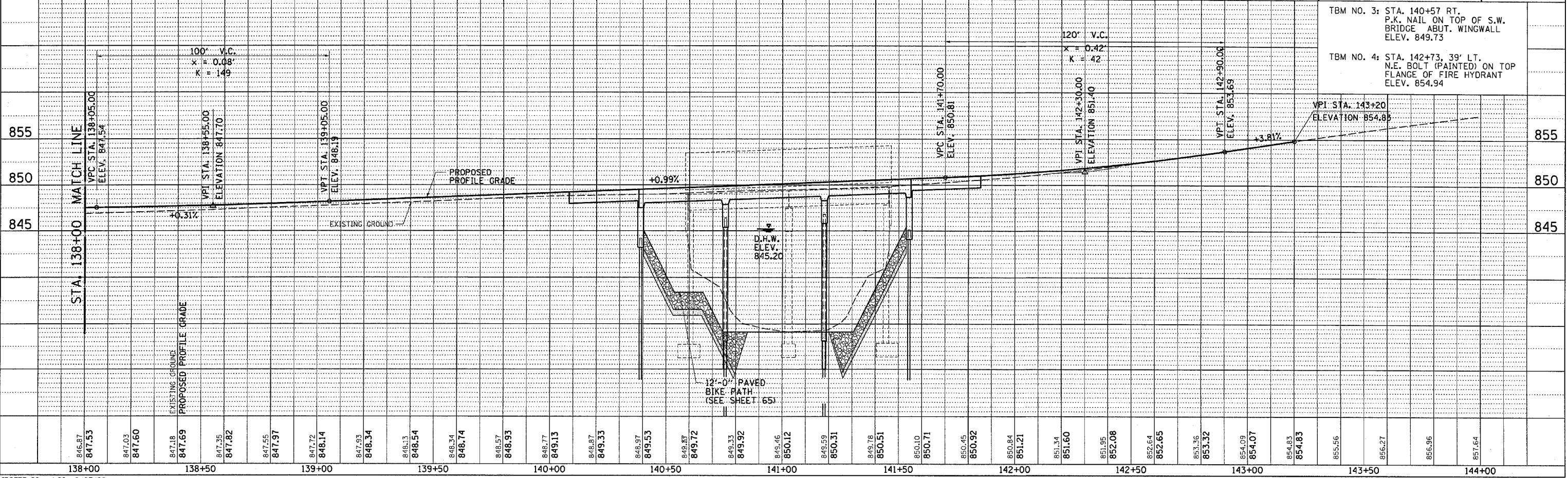


**LEGEND**

	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	

	<b>GREEN &amp; BRADFORD, INC.</b> CONSULTING ENGINEERS 1000 W. MONROE ST., SUITE 100 CHICAGO, ILL. 60606 TEL: 312.587.8800 FAX: 312.587.8801	<b>COMPUTER FILE NO.</b> D10800PLN3-02 <b>PROJECT:</b> 05198 10/25/06-GSJ
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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	

**LEGEND**

TEMPORARY CONSTRUCTION EASEMENT

CLASS D PATCHING, TYPE 2, 13"

DESIGN	INT.	DATE	REASON

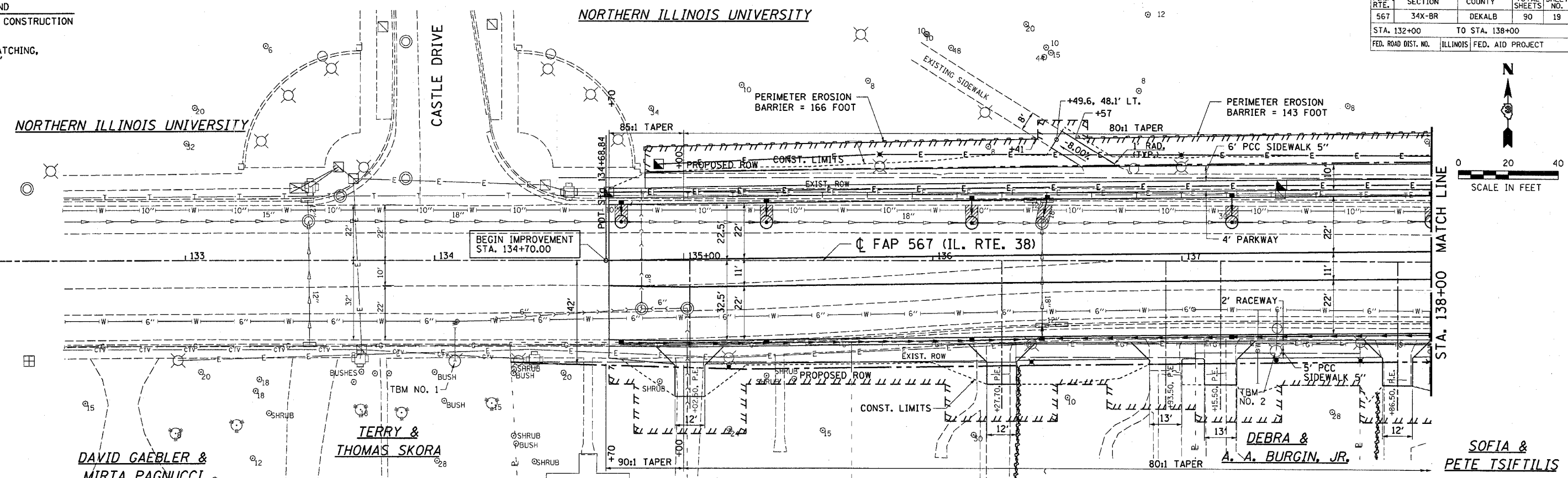
PLAN	DATE	BY

PLOTS & CHECKS	INT.	DATE	NO.	REASON

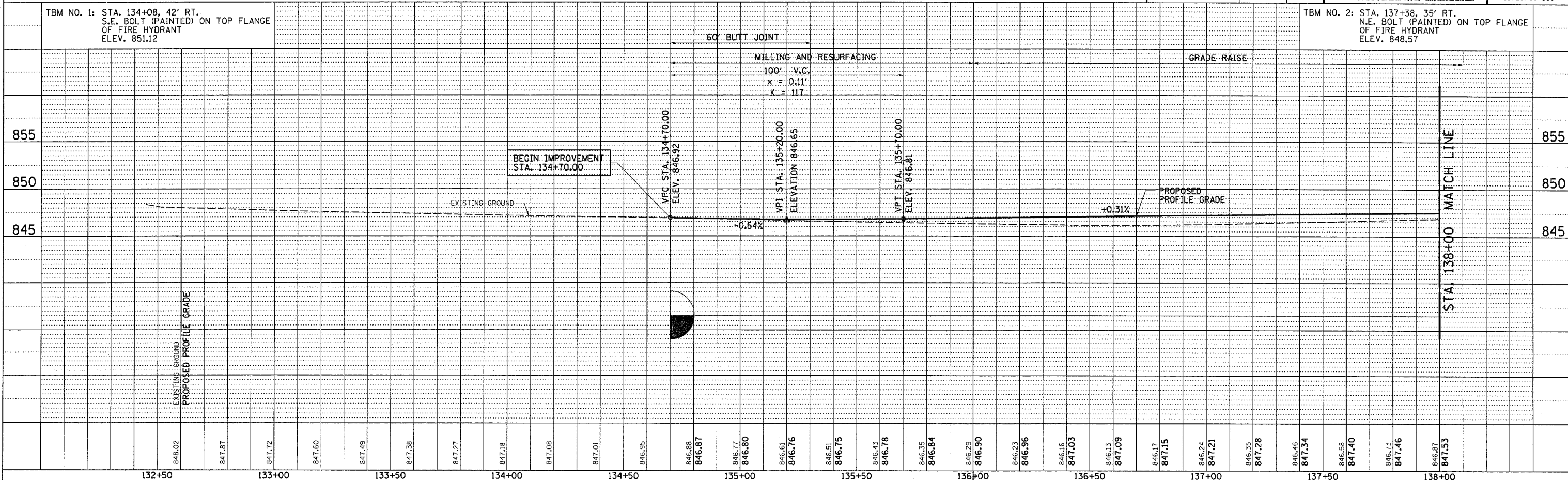
PROFILES	DATE	BY

CHECKS	INT.	DATE	REASON

IDOTPP-20 - 1/20 8/07/00

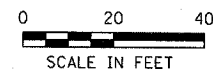


REVISION	DATE	BY	 GREENE & BRADFORD, INC. OF SPRINGFIELD <small>CONSULTING ENGINEERS          PROFESSIONAL ENGINEERS LICENSE NO. 0217          PROFESSIONAL SURVEYORS LICENSE NO. 00000000          601 N. 1ST ST., 2ND FLOOR, SPRINGFIELD, IL 62762          TEL: 217-223-1111 FAX: 217-223-1112</small>	COMPUTER FILE NO.
100% REVIEW	10/25/06	GSJ		D10800PLN1-01
100% REVISIONS	2/01/07			PROJECT: 05198 10/25/06-GSJ



ROADWAY PLAN AND PROFILE

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

PLAN

DATE	BY

APPROVED

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PLOTS & CHECKS

INT.	DATE	NO.	REASON

PROFILE

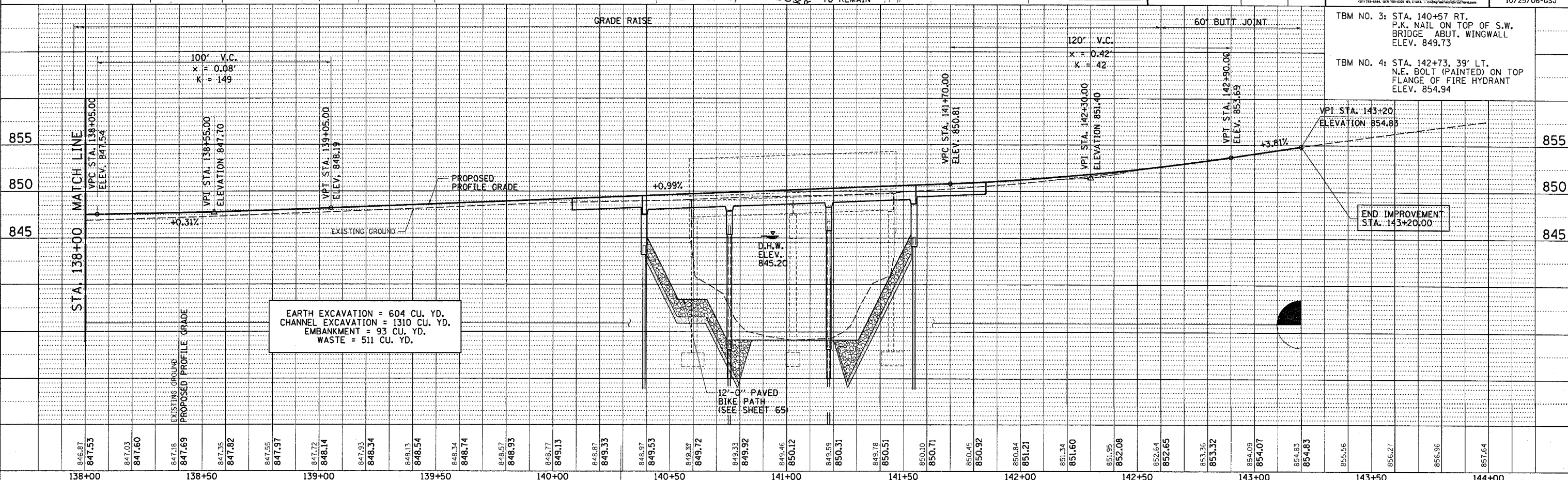
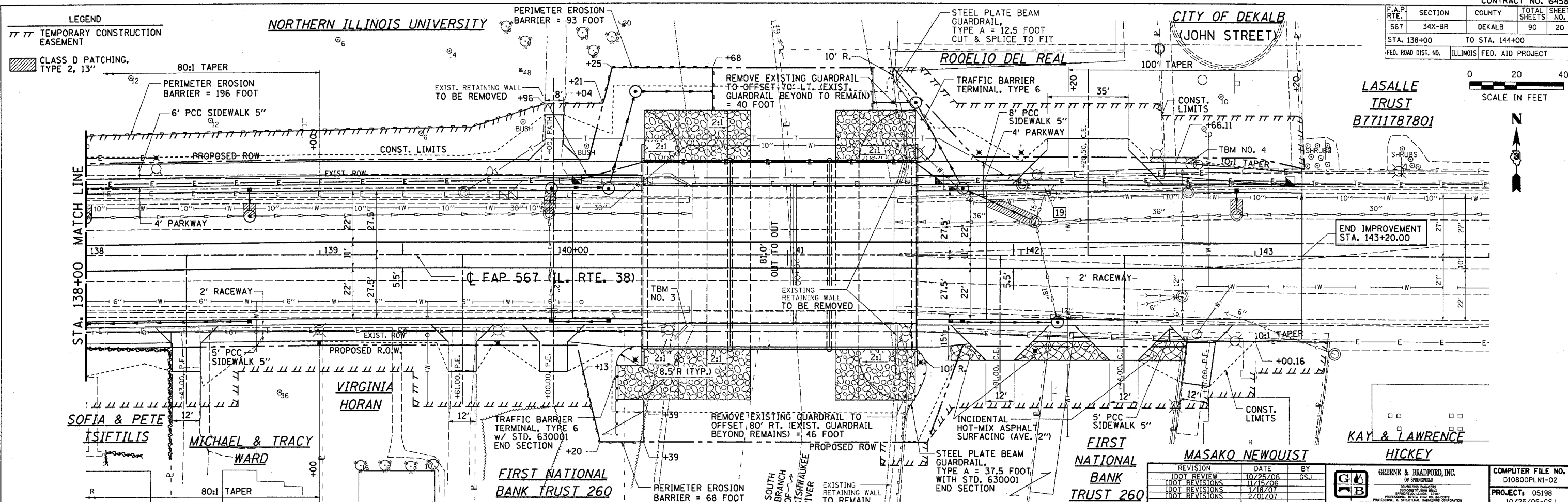
DATE	BY

APPROVED

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CHECKS

INT.	DATE	REASON



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

STATION	ELEVATION
138+00	846.87
138+05	847.53
138+10	847.03
138+15	847.60
138+20	847.18
138+25	847.69
138+30	847.35
138+35	847.82
138+40	847.55
138+45	847.97
138+50	847.72
138+55	848.14
139+00	847.93
139+05	848.34
139+10	848.13
139+15	848.54
139+20	848.34
139+25	848.74
139+30	848.57
139+35	848.93
139+40	848.77
139+45	849.13
139+50	848.87
139+55	849.33
140+00	848.97
140+05	849.53
140+10	849.37
140+15	849.72
140+20	849.33
140+25	849.92
140+30	849.46
140+35	850.12
140+40	849.59
140+45	850.31
140+50	849.78
140+55	850.51
141+00	850.10
141+05	850.71
141+10	850.45
141+15	850.92
141+20	850.84
141+25	851.21
141+30	851.34
141+35	851.60
141+40	851.95
141+45	852.08
141+50	852.64
141+55	852.65
142+00	853.36
142+05	853.32
142+10	854.09
142+15	854.07
142+20	854.83
142+25	854.83
142+30	855.56
142+35	856.27
142+40	856.96
142+45	857.64

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	INT.	DATE	REASON

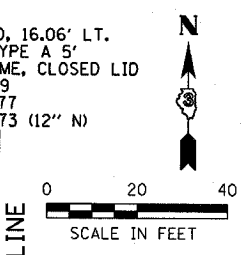
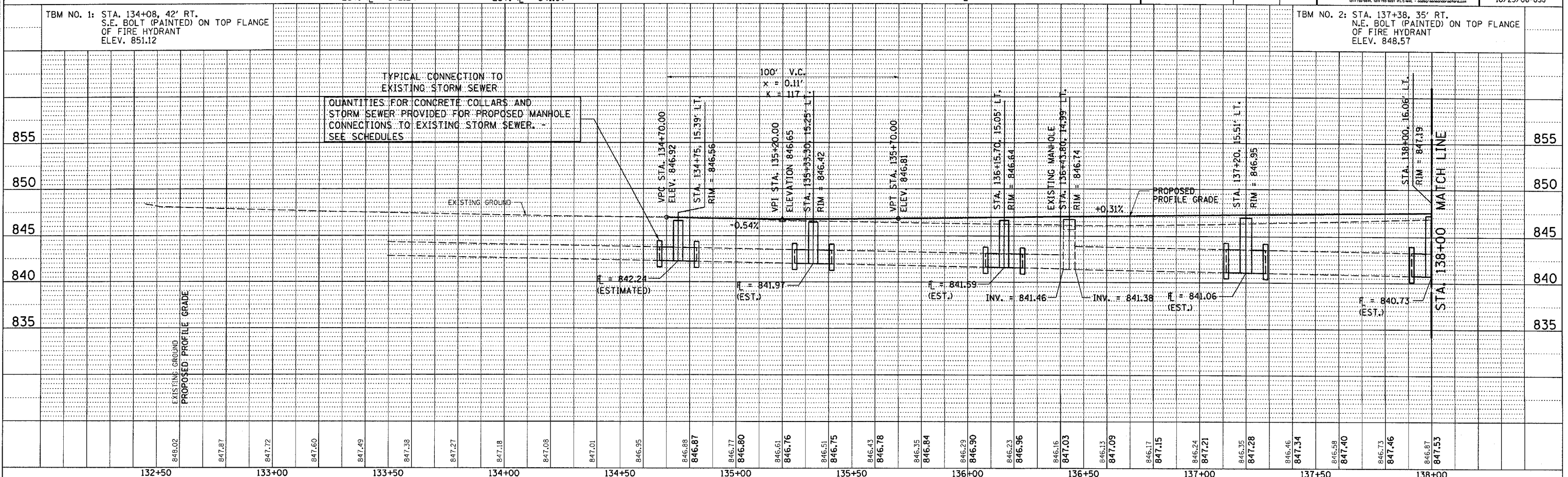
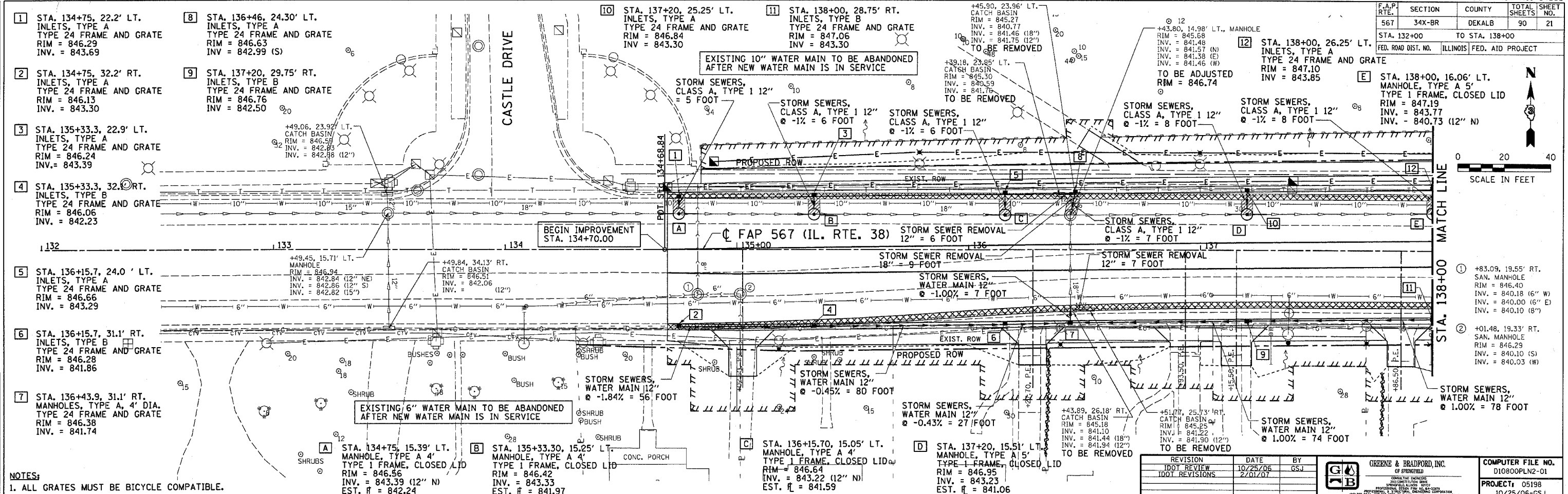
PLAN	DATE	BY

PLOTS & CHECKS	INT.	DATE	NO.	REASON

PROFILE	DATE	BY

CHECKS	INT.	DATE	REASON

IDOTPP-20 - 1/20 8/07/00



REVISION	DATE	BY



**GREENE & BRADFORD, INC.**  
OF ILLINOIS  
PROFESSIONAL ENGINEERS  
1017 W. CENTRAL ST., DEKALB, ILL. 62521

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

TBM NO. 1: STA. 134+08, 42" RT. S.E. BOLT (PAINTED) ON TOP FLANGE OF FIRE HYDRANT ELEV. 851.12

TBM NO. 2: STA. 137+38, 35" RT. N.E. BOLT (PAINTED) ON TOP FLANGE OF FIRE HYDRANT ELEV. 848.57

**DRAINAGE PLAN AND PROFILE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	22
STA. 138+00		TO STA. 144+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

0 20 40  
SCALE IN FEET



DESIGN	DATE	REASON

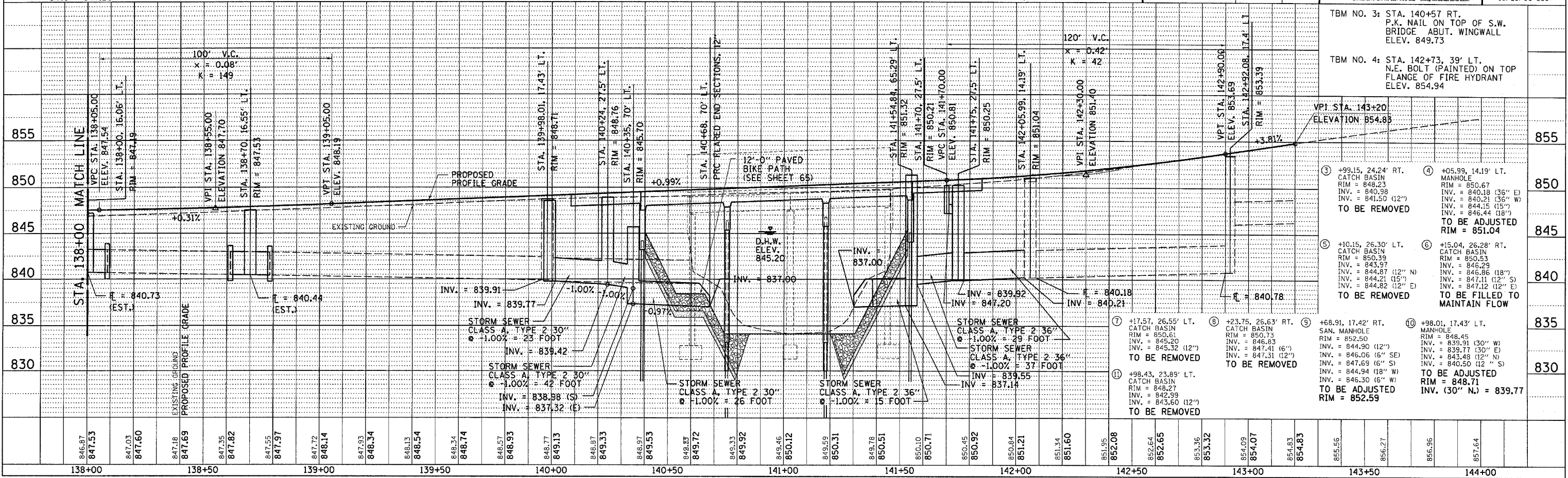
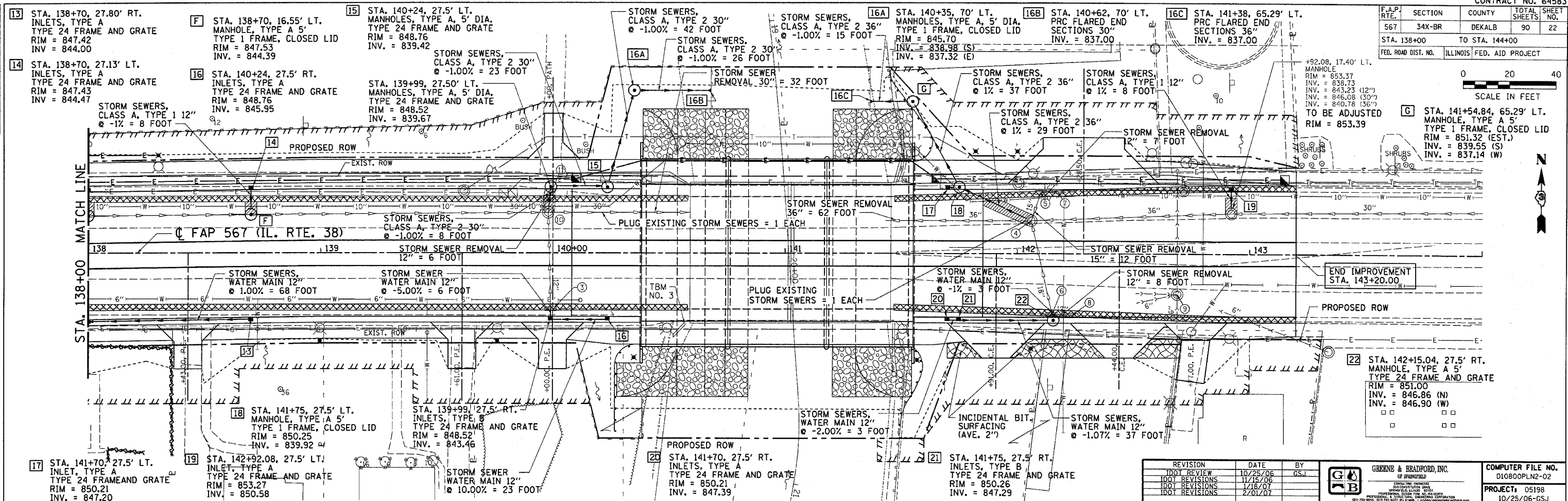
PLAN	DATE	BY	REASON

PLOTS & CHECKS	DATE	REASON

PROF. FILE	DATE	BY	REASON

CHECKS	DATE	REASON

IDOTTP-20 - 1/20 8/07/00



REVISION	DATE	BY
1	10/25/06	GSJ
2	11/25/06	GSJ
3	1/16/07	GSJ
4	2/01/07	GSJ

<b>GREENE &amp; BRADFORD, INC.</b> CONSULTING ENGINEERS PROFESSIONAL ENGINEERS 1015 N. W. 10th St., Ft. Lauderdale, FL 33304 (954) 561-1111	<b>COMPUTER FILE NO.</b> D10800PLN2-02
<b>PROJECT:</b> 05198	<b>DATE:</b> 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

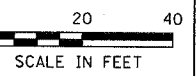
TBM NO. 4: STA. 142+73, 39' LT. N.E. BOLT (PAINTED) ON TOP FLANGE OF FIRE HYDRANT ELEV. 854.94

③ +99.15, 24.24' RT. CATCH BASIN RIM = 849.23 INV. = 841.50 (12") TO BE REMOVED	④ +05.99, 14.19' LT. MANHOLE RIM = 850.67 INV. = 840.18 (36" E) INV. = 840.21 (36" W) INV. = 844.15 (15") INV. = 846.44 (18") TO BE ADJUSTED RIM = 851.04
⑤ +10.15, 26.30' LT. CATCH BASIN RIM = 850.39 INV. = 843.97 INV. = 844.87 (12" N) INV. = 844.21 (15" S) INV. = 844.82 (12" E) TO BE REMOVED	⑥ +15.04, 26.28' RT. CATCH BASIN RIM = 850.53 INV. = 846.29 INV. = 846.86 (18" N) INV. = 847.41 (12" S) INV. = 847.12 (12" E) TO BE FILLED TO MAINTAIN FLOW
⑦ +17.57, 26.55' LT. CATCH BASIN RIM = 850.61 INV. = 845.20 INV. = 845.32 (12") TO BE REMOVED	⑧ +23.75, 26.63' RT. SAN. MANHOLE RIM = 850.73 INV. = 846.83 INV. = 847.41 (6") INV. = 847.31 (12") TO BE REMOVED
⑨ +68.91, 17.42' RT. MANHOLE RIM = 852.50 INV. = 839.91 (12") INV. = 846.06 (6" SE) INV. = 847.69 (6" S) INV. = 844.94 (18" W) INV. = 846.30 (6" W) TO BE ADJUSTED RIM = 848.71 INV. (30" N.) = 839.77	⑩ +98.01, 17.43' LT. MANHOLE RIM = 848.45 INV. = 839.77 (30" E) INV. = 843.48 (12" N) INV. = 840.50 (12" S) TO BE ADJUSTED RIM = 848.71 INV. (30" N.) = 839.77

**DRAINAGE PLAN AND PROFILE**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	24
STA. 138+00		TO STA. 144+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DESIGN	INT.	DATE	REASON

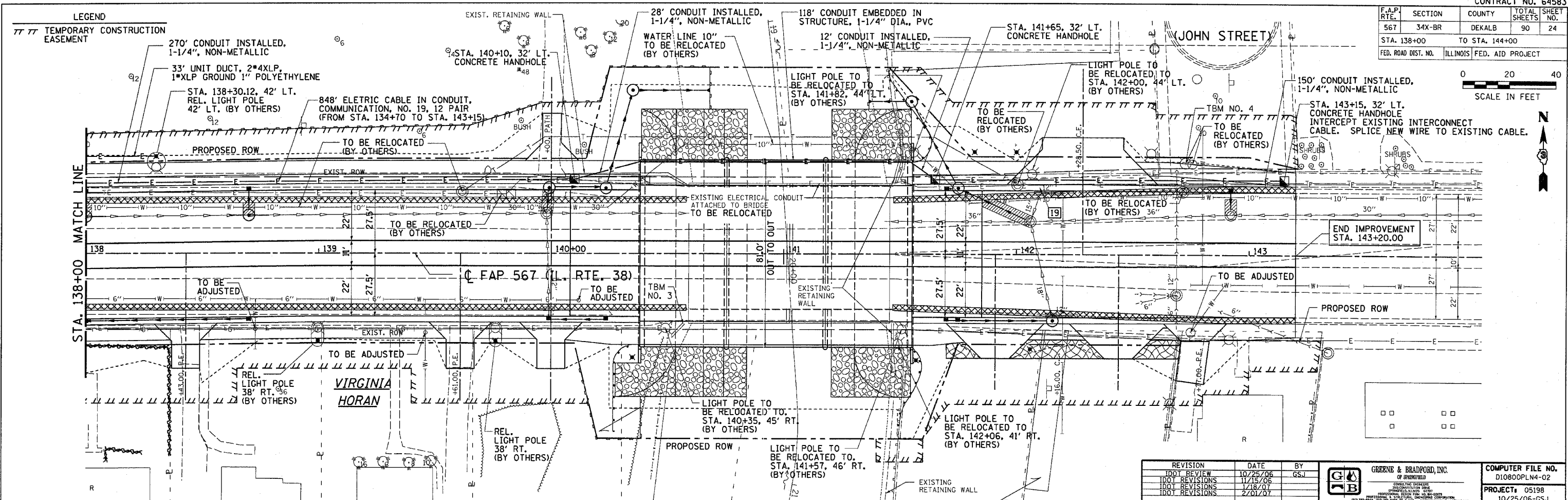
DATE	BY	REASON

PLOTS & CHECKS	INT.	DATE	NO.	REASON

DATE	BY	REASON

CHECKS	INT.	DATE	REASON

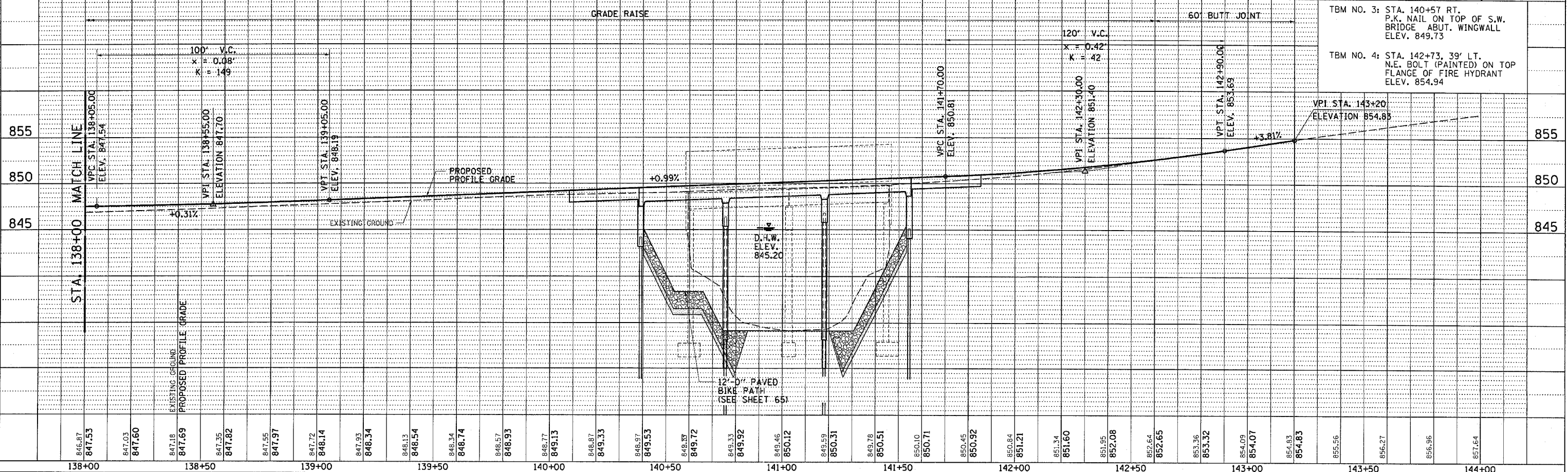
IDOTPP-20 - 1a20 8/07/00



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.**  
CONSULTING ENGINEERS  
1115 S. BROADWAY, SUITE 100, DEKALB COUNTY, IL 60015  
TEL: 630-286-1115 FAX: 630-286-1116  
WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO. D10800PLN4-02  
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





**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

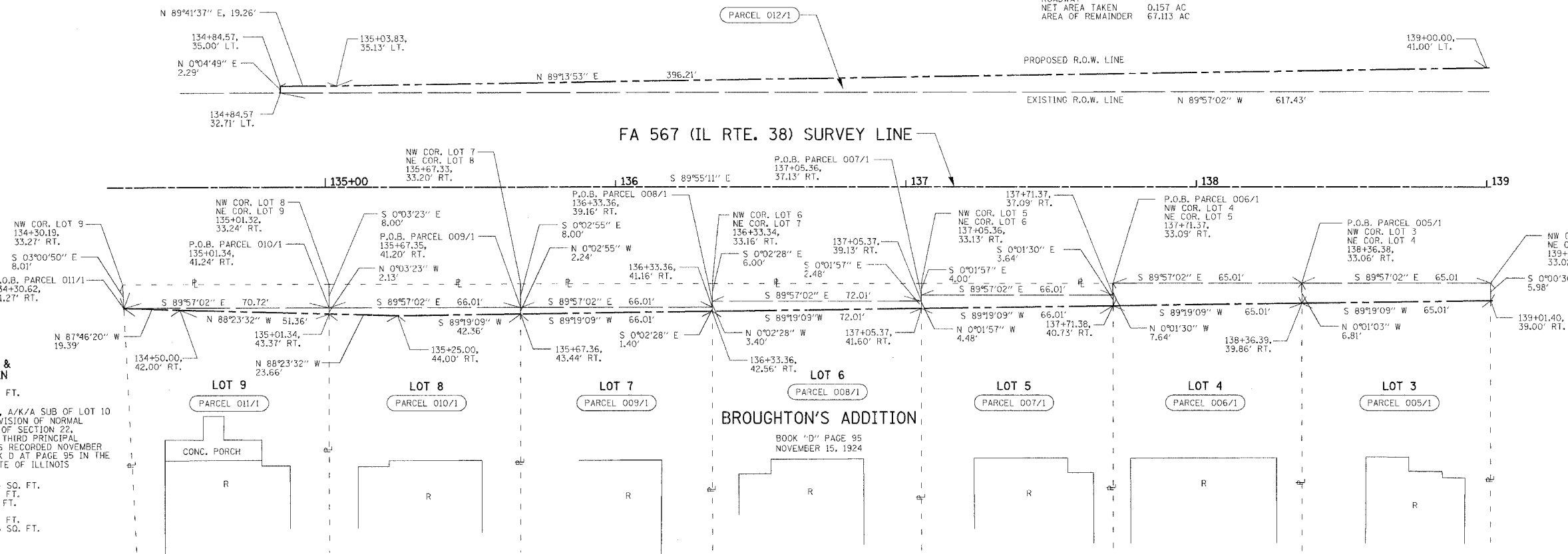
FOR THE PURPOSE OF THIS PLAT THE CENTERLINE OF FA 567 (IL RTE. 38) HAS BEEN ASSIGNED THE BEARING OF S 89°55'11" E

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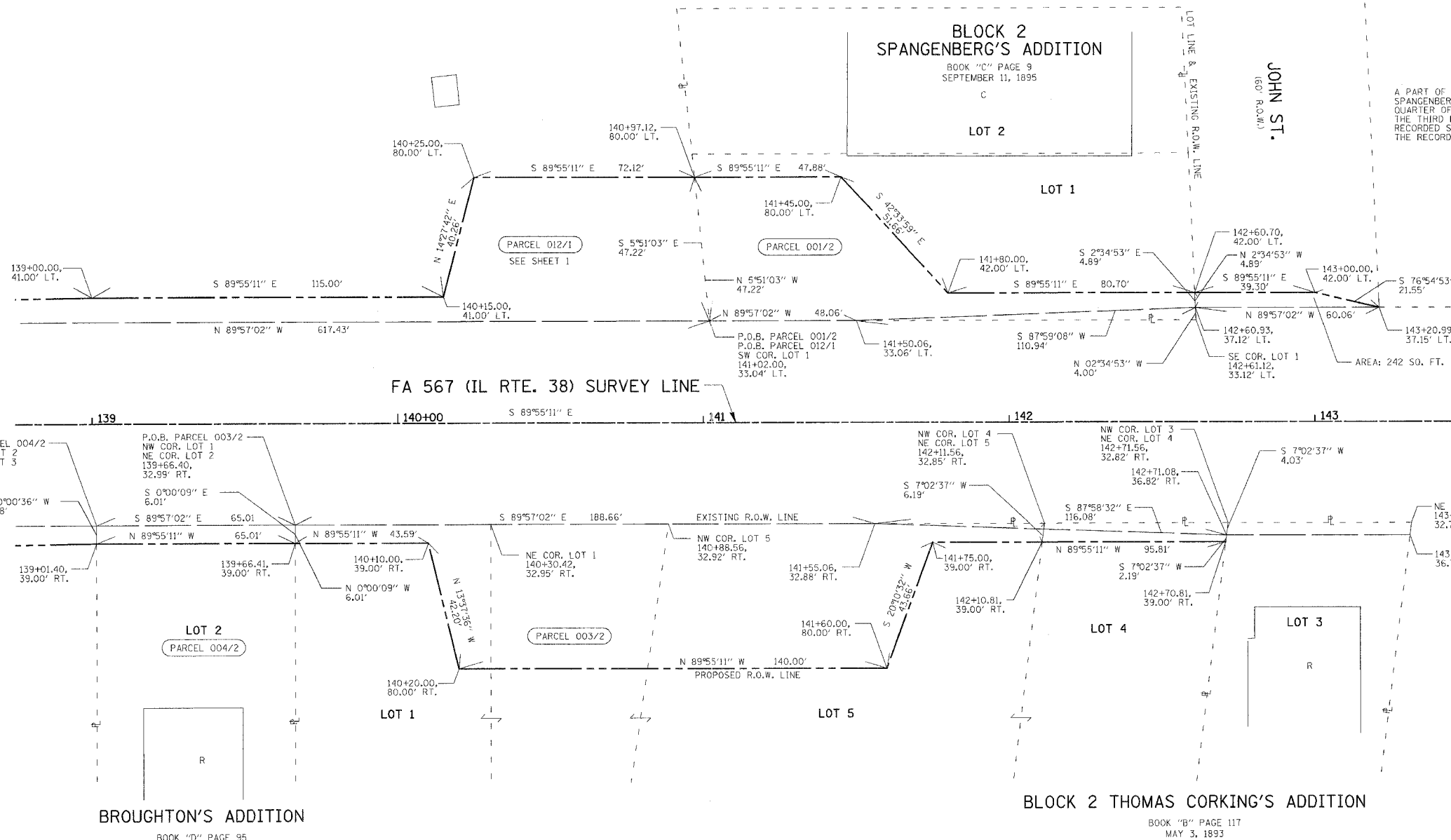
I, RICHARD TONELLATO, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FA 567 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; AND THAT THE PLAT HEREON IS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL,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



DATED 9-14-06  
 BY Richard Tonellato  
 RICHARD TONELLATO, ILLINOIS PROFESSIONAL LAND SURVEYOR #035-002990

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.

N 0°00'36" W  
 5.98'

S 0°00'09" E  
 6.01'

S 89°57'02" E  
 65.01'

N 89°55'11" W  
 65.01'

N 89°55'11" W  
 43.59'

N 0°00'09" W  
 6.01'

139+01.40,  
 39.00' RT.

139+66.41,  
 39.00' RT.

140+10.00,  
 39.00' RT.

140+20.00,  
 80.00' RT.

LOT 2  
 PARCEL 004/2

LOT 1

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

N 89°57'02" E  
 188.66'

EXISTING R.O.W. LINE

NW COR. LOT 5  
 140+88.56,  
 32.92' RT.

NE COR. LOT 1  
 140+30.42,  
 32.95' RT.

141+55.06,  
 32.88' RT.

141+60.00,  
 80.00' RT.

N 89°55'11" W  
 140.00'

PROPOSED R.O.W. LINE

141+75.00,  
 39.00' RT.

142+10.81,  
 39.00' RT.

142+70.81,  
 39.00' RT.

142+70.81,  
 39.00' RT.

142+70.81,  
 39.00' RT.

143+31.07,  
 36.79' RT.

LOT 4

LOT 5

LOT 3

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.

142+71.08,  
 36.82' RT.

S 7°02'37" W  
 4.03'

S 87°58'32" E  
 116.08'

N 89°55'11" W  
 95.81'

S 7°02'37" W  
 2.19'

142+70.81,  
 39.00' RT.

142+70.81,  
 39.00' RT.

142+70.81,  
 39.00' RT.

143+31.07,  
 36.79' RT.

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

143+31.07,  
 36.79' RT.

LOT 4

LOT 3

**BLOCK 2 THOMAS CORKING'S ADDITION**  
 BOOK "B" PAGE 117  
 MAY 3, 1893

**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 88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF 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.

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 88023 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	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: RPLAN1.DGN-2

SURVEYOR'S STATEMENT

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



TOTAL SHEETS	90
SHEET NO.	27

I, RICHARD TONELLATO, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FAP 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

NORTHERN ILLINOIS UNIVERSITY

PARCEL 012/E1 6,861 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.

TEMPORARY EASEMENTS FOR GRADING AND SHAPING BACKSLOPES.

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

JOHN S. PETERSEN & SUSAN L. PETERSEN

PARCEL 011/E1 649 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 88023 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

- (R2) S 0°03'23" E 26.63'
- (S2) N 89°55'11" W 21.41'
- (T2) N 0°04'49" E 20.00'
- (U2) N 89°55'11" W 10.00'
- (V2) N 0°04'49" E 7.47'
- (W2) S 88°23'32" E 31.36'

THOMAS J. OVERTON & SANDRA L. OVERTON

PARCEL 010/E1 888 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 88023 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

- (K2) S 88°23'32" E 23.66'
- (L2) N 89°19'09" E 42.36'
- (M2) S 0°02'55" E 6.56'
- (N2) N 89°55'11" W 42.37'
- (O2) S 0°04'49" W 20.00'
- (P2) N 89°55'11" W 23.59'
- (Q2) N 0°03'23" W 26.63'

JEAN K. BEDNARZ & STEPHEN M. BEDNARZ

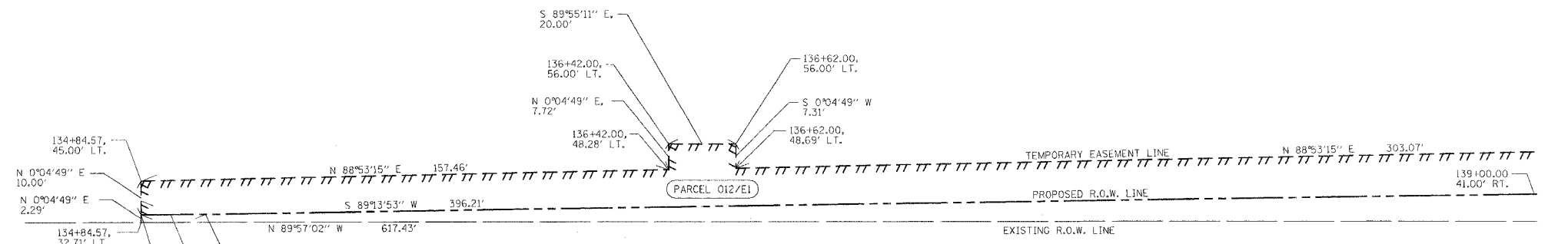
PARCEL 009/E1 888 SQ. FT.

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 88023 IN PLAT BOOK D AT PAGE 95 IN THE RECORDER'S OFFICE OF DEKALB COUNTY, STATE OF ILLINOIS

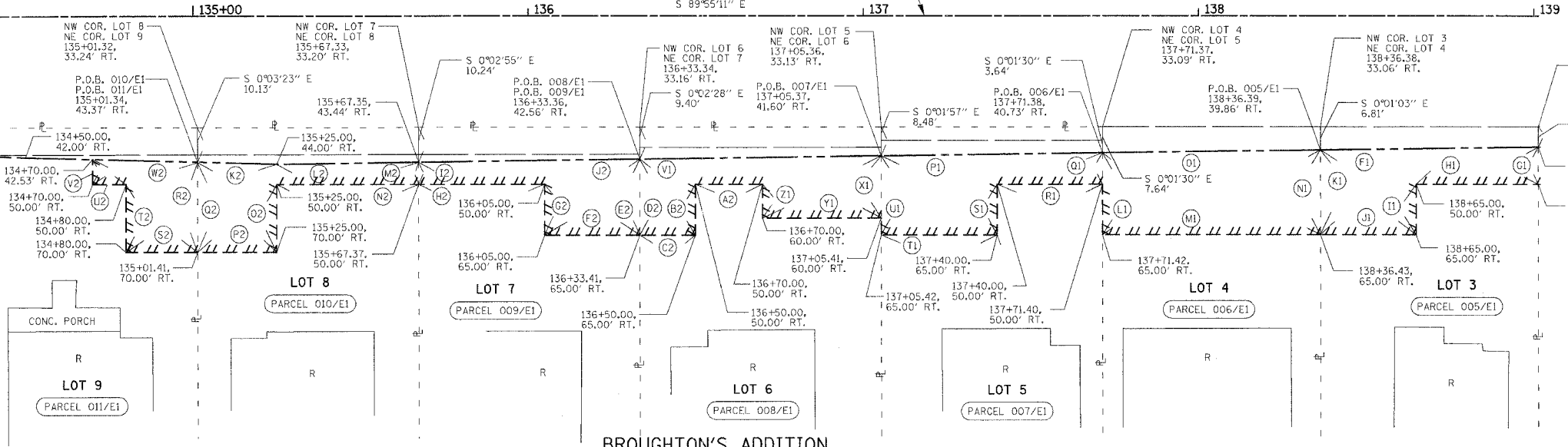
TEMPORARY EASEMENTS FOR CONSTRUCTING A PRIVATE ENTRANCE AND GRADING.

LEGEND

- (E2) S 0°02'28" E 22.44'
- (F2) N 89°55'11" W 28.41'
- (G2) N 0°04'49" E 15.00'
- (H2) N 89°55'11" W 37.63'
- (I2) N 0°02'55" W 6.56'
- (J2) N 89°19'09" E 66.01'



FA 567 (IL RTE. 38) SURVEY LINE



BROUGHTON'S ADDITION

BOOK "D" PAGE 95  
 NOVEMBER 15, 1924

FREDERICK C. HEUSCHEL II & JENNIFER DOUDEK

PARCEL 008/E1 1173 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 88023 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

- (V1) N 89°19'09" E 72.01'
- (X1) S 0°01'57" E 18.40'
- (Y1) N 89°55'11" W 35.41'
- (Z1) N 0°04'49" E 10.00'
- (A2) N 89°55'11" W 20.00'
- (B2) S 0°04'49" W 15.00'
- (C2) N 89°55'11" W 16.59'
- (D2) N 0°02'28" W 22.44'

A.A. BURGIN JR. & DEBRA L. BURGIN, TRUSTEES

PARCEL 007/E1 1102 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 88023 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

- (P1) N 89°19'09" E 66.01'
- (Q1) S 0°01'30" E 9.27'
- (R1) N 89°55'11" W 31.40'
- (S1) S 0°04'49" W 15.00'
- (T1) N 89°55'11" W 34.58'
- (U1) N 0°01'57" W 23.40'

STEVEN C. LEVROUW & PATRICIA A. LEVROUW

PARCEL 006/E1 1,606 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 88023 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

- (L1) N 0°01'30" W 24.27'
- (M1) N 89°55'11" W 65.01'
- (N1) S 0°01'03" E 25.14'
- (O1) N 89°19'09" E 65.01'

MICHAEL P. WARD & TRACEY L. WARD

PARCEL 005/E1 1116 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 88023 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

- (F1) N 89°19'09" E 65.01'
- (G1) S 0°00'36" E 11.00'
- (H1) N 89°55'11" W 36.42'
- (I1) S 0°04'49" W 15.00'
- (J1) N 89°55'11" W 28.57'
- (K1) N 0°01'03" W 25.14'

STATE OF ILLINOIS EASEMENT PLAT

FA 567 (IL RTE. 38) SEC. 34X-BR  
 COUNTY OF DEKALB  
 STA. 134+30 TO STA. 138+75  
 SHEET NUMBER: E1  
 SCALE 1 IN. = 20 FT.  
 DATE: SEPTEMBER 13, 2006  
 JOB NO. R-92-014-04  
 FILE NAME: EPLAN1.DGN-1

**SURVEYOR'S STATEMENT**

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



TOTAL SHEET NO. 90 28

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



**ROGELIO DEL REAL**

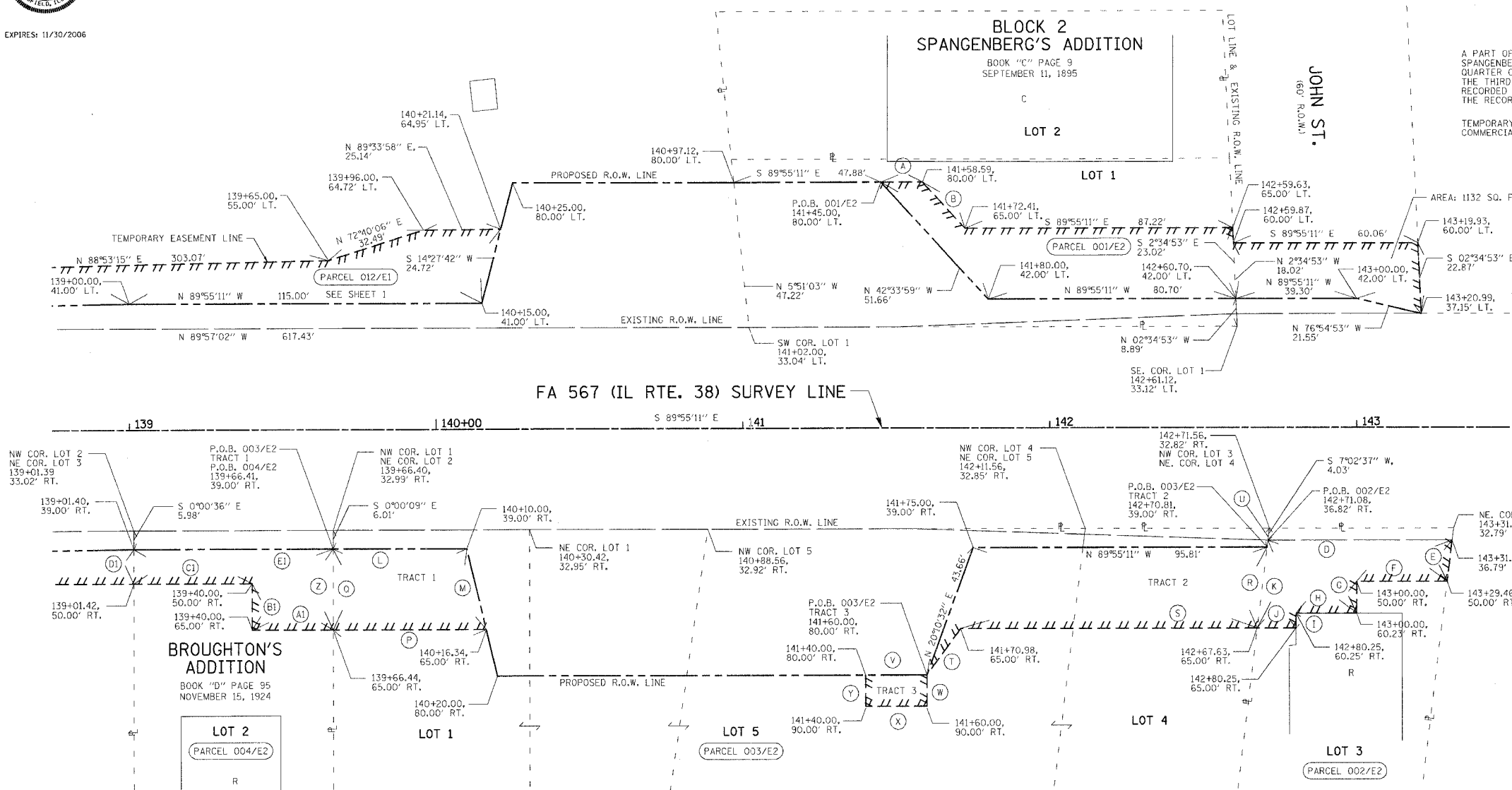
PARCEL 001/E2 2,291 SQ. FT.

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, LCC**  
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.

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.

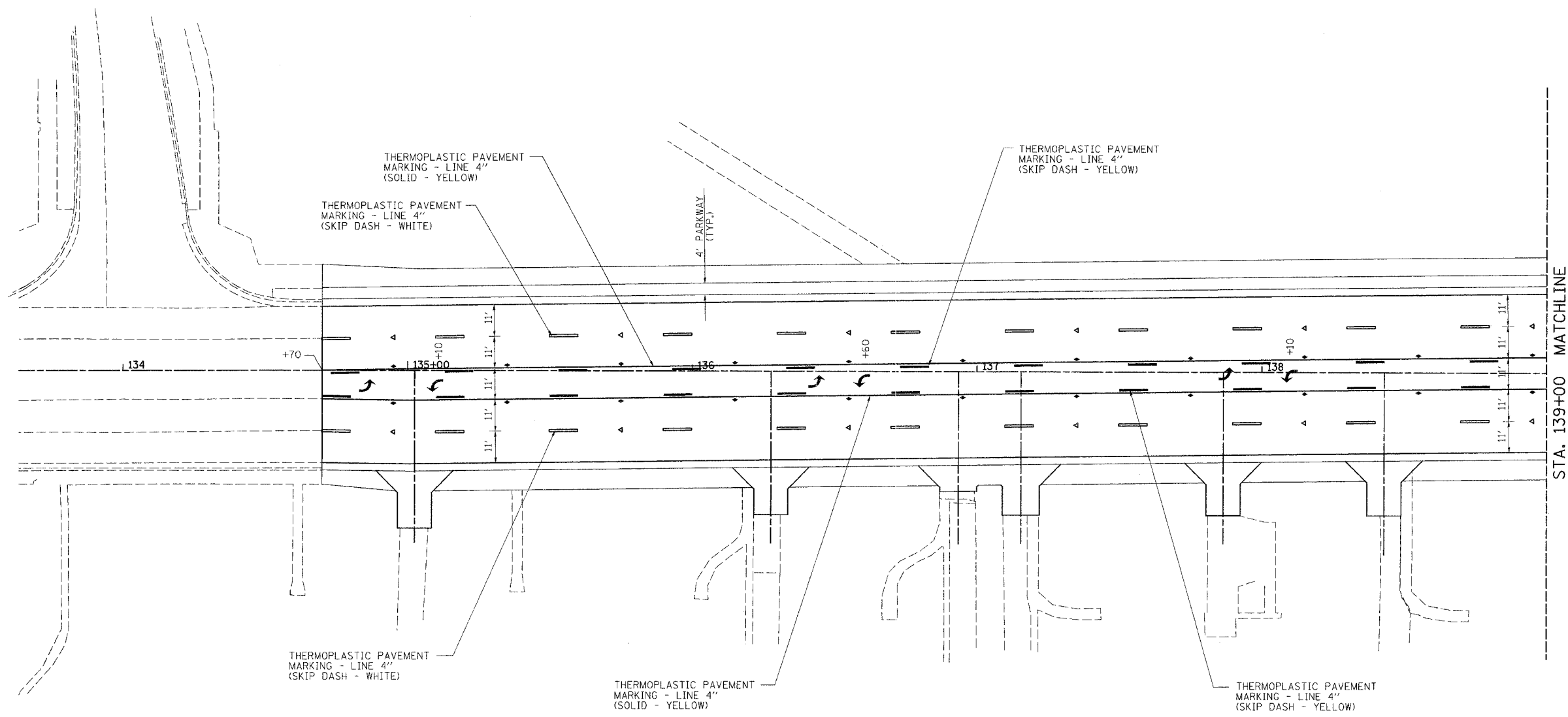
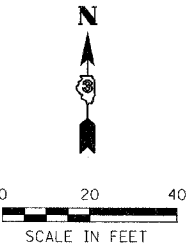
- LEGEND**
- (D) S 89°57'02" E 60.00'
  - (E) S 07°02'37" W 13.31'
  - (F) N 89°55'11" W 29.46'
  - (G) S 0°04'49" W 10.23'
  - (H) N 89°58'40" W 19.75'
  - (I) S 0°04'49" W 4.75'
  - (J) N 89°55'11" W 12.62'
  - (K) N 7°02'37" E 28.39'

**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



STA. 139+00 MATCHLINE

**LEGEND**

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

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

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

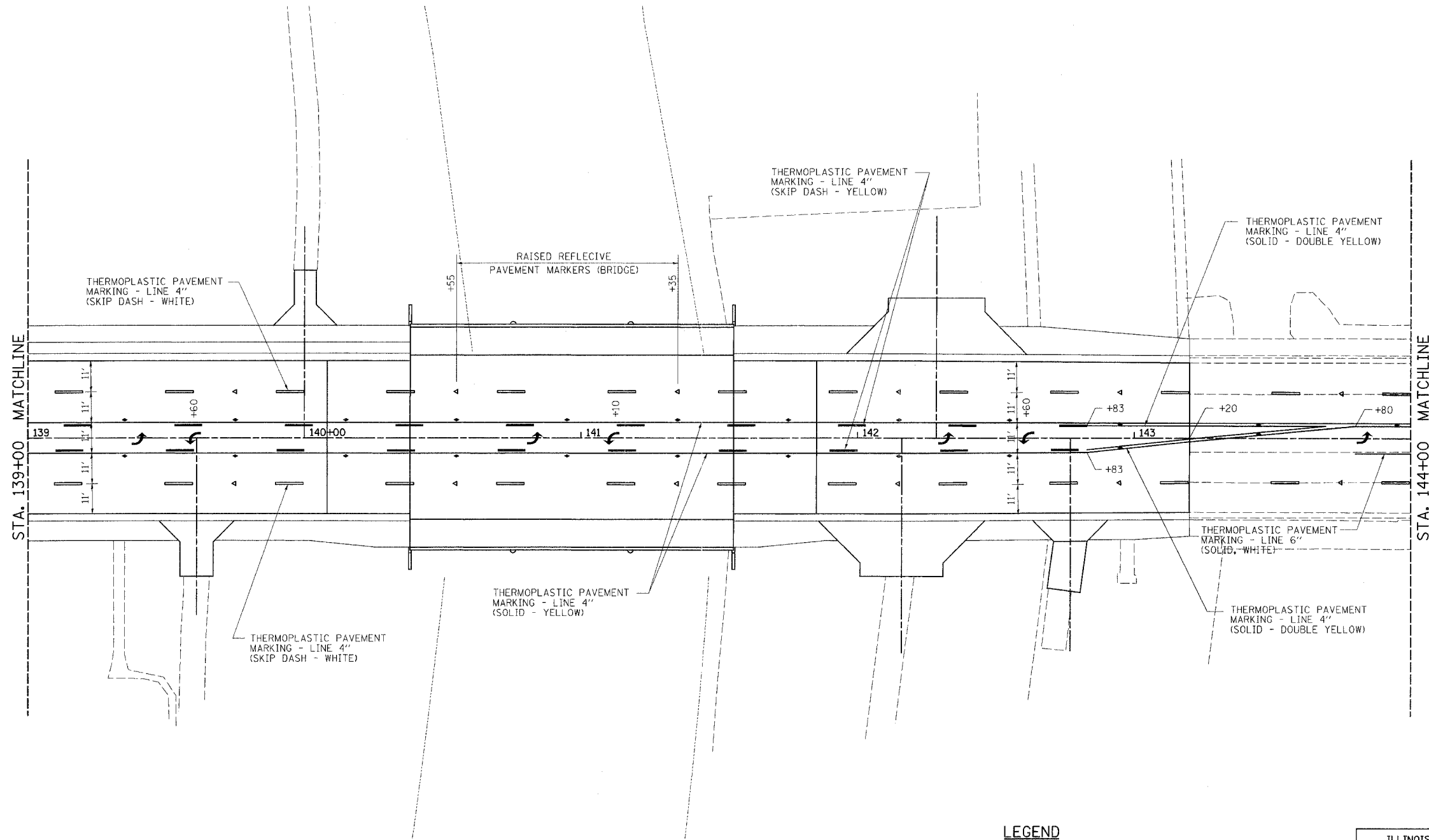
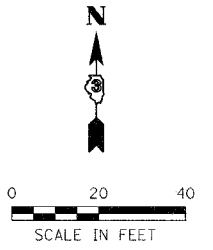
GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
 1000 W. MONROE ST. DEKALB, IL 62521  
 (618) 784-8844 FAX (618) 782-8844

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

PLOT DATE = #DATE#  
 FILE NAME = #FILE#  
 PLOT SCALE = #SCALE#  
 REFERENCE = #REF#  
 DEPARTMENT = #DEPT#

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		

# PAVEMENT MARKING PLAN



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 BOTT

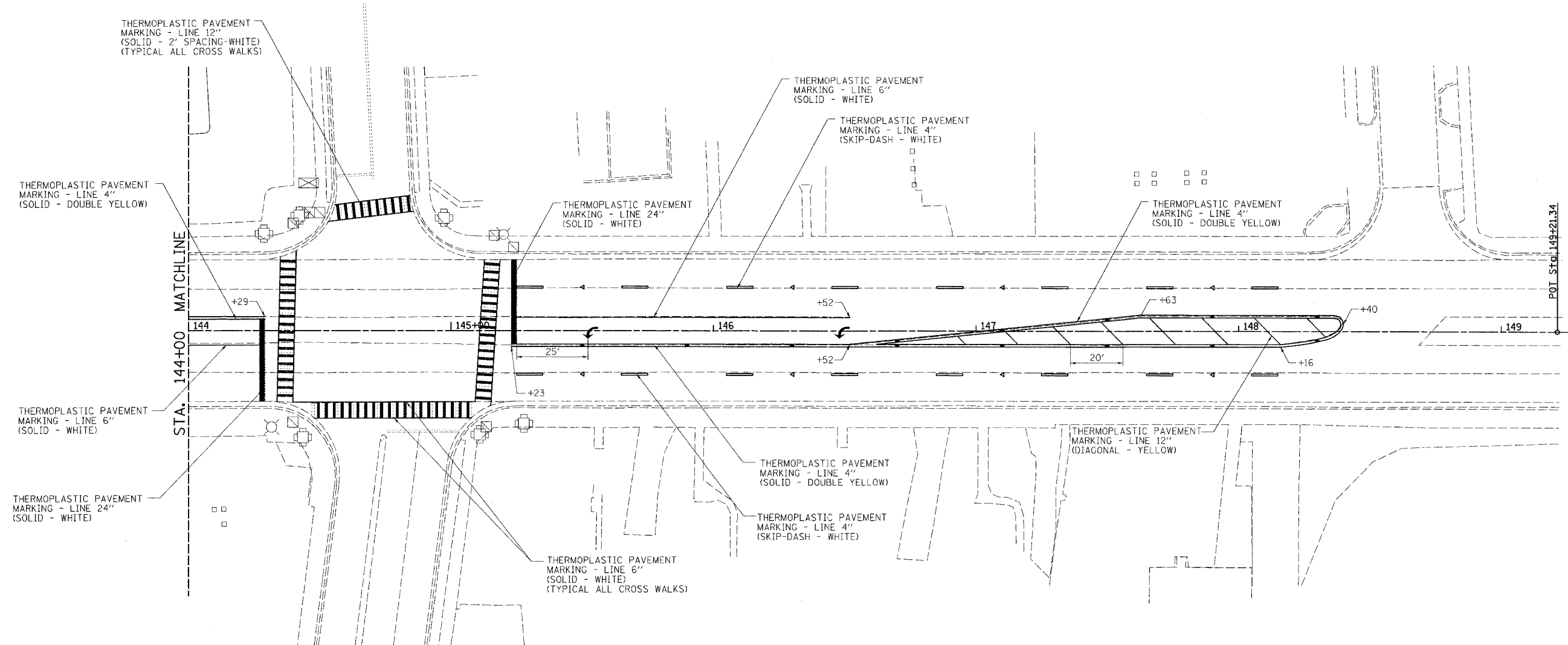
GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

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

PLOT DATE = #DATE#  
 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	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
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 BOTI  
COMPUTER FILE NO. D10800PMK  
PROJECT 05198  
10/25/06-GSJ

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-000000000000  
PROFESSIONAL SURVEYORS  
ILLINOIS LICENSE NO. 021-000000000000  
1015 W. BROAD ST. ST. LOUIS, MO 63102-1000

PLOT DATE = 10/25/06  
FILE NAME = 05198.PK  
PLOT SCALE = AS SHOWN  
REFERENCE = 05198  
OPERATOR = GCS



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.

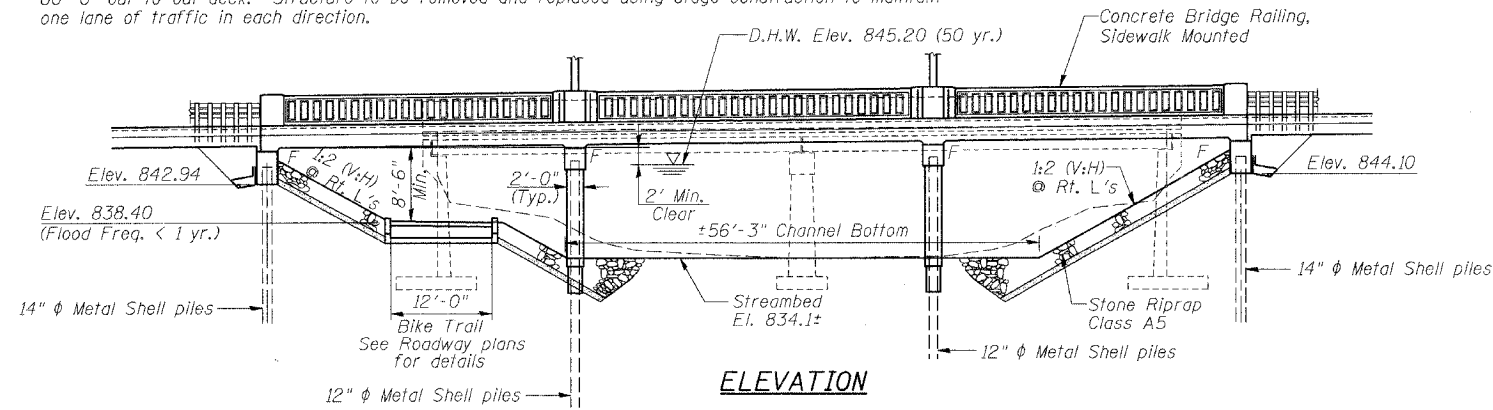
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	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

Salvage: None



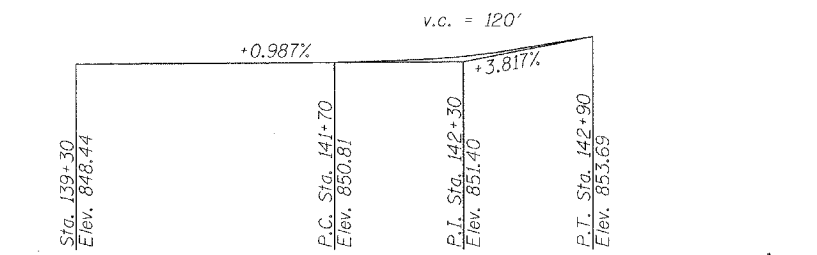
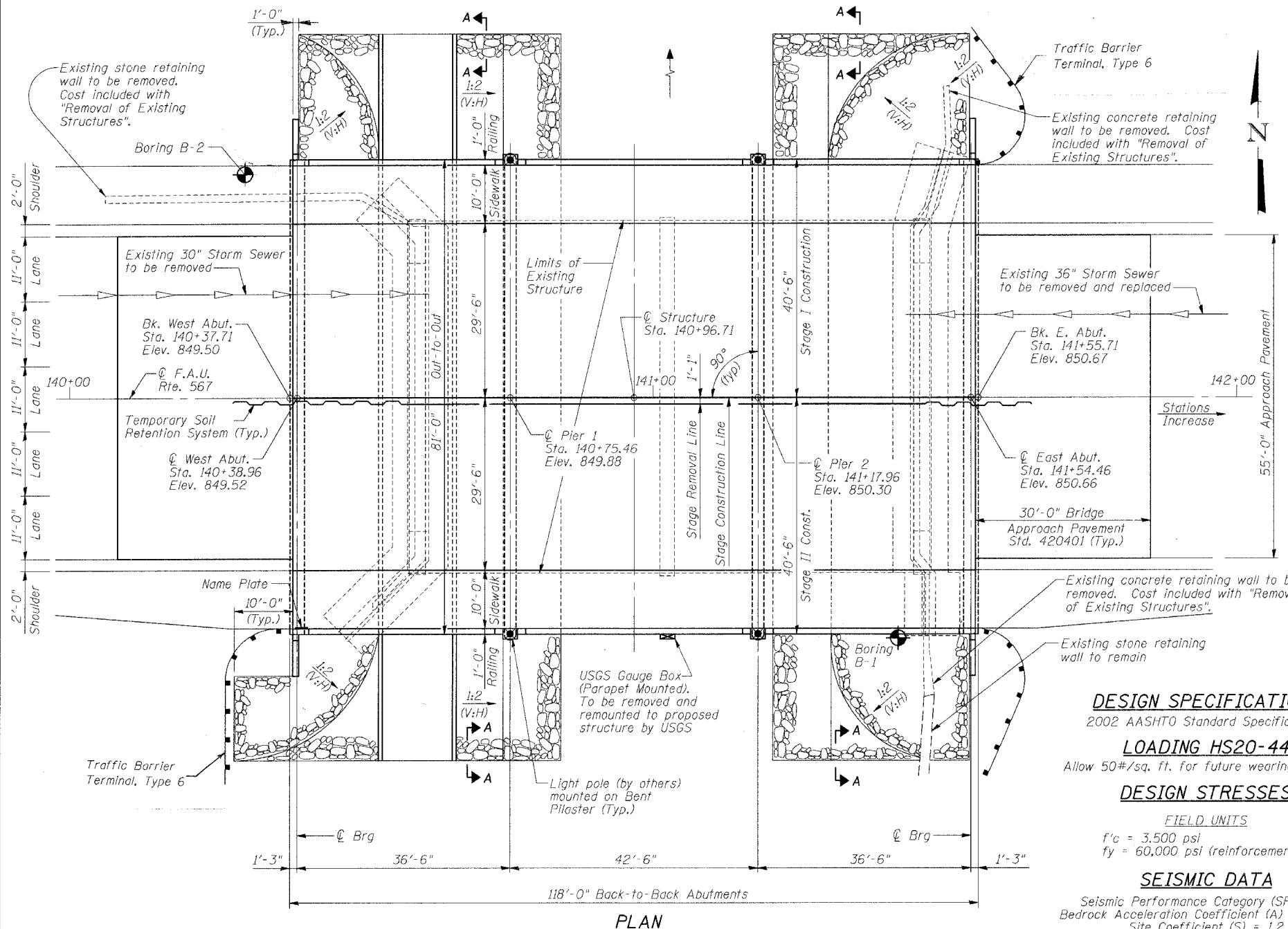
STATION 140+96.71  
 BUILT 20\_\_ BY  
 STATE OF ILLINOIS  
 F.A.U. ROUTE 567 SEC. 34-XBR  
 LOADING HS20  
 STR. NO. 019-0044

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.
Design	10	1850	594	681	843.0	0.2	0.2	843.2	843.2
Base	50	2910	739	904	845.2	0.3	0.3	845.5	845.5
Overtopping	100	3400	789	998	846.0	0.6	0.6	846.6	846.6
Max. Calc.	500	4186	872	1108	847.0	0.6	0.6	847.6	847.6



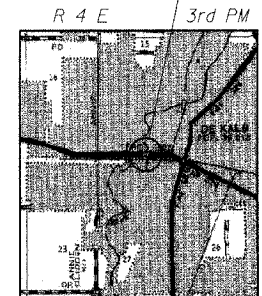
**DESIGN SPECIFICATIONS**  
 2002 AASHTO Standard Specifications

**LOADING HS20-44**  
 Allow 50#/sq. ft. for future wearing surface.

**DESIGN STRESSES**

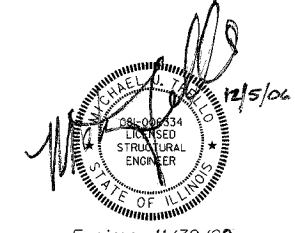
**FIELD UNITS**  
 $f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (reinforcement)

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



APPROVED  
 FOR STRUCTURAL ADEQUACY ONLY

Ralph E. Adison  
 ENGINEER OF BRIDGES AND STRUCTURES



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

REVISIONS

NAME	DATE

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

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

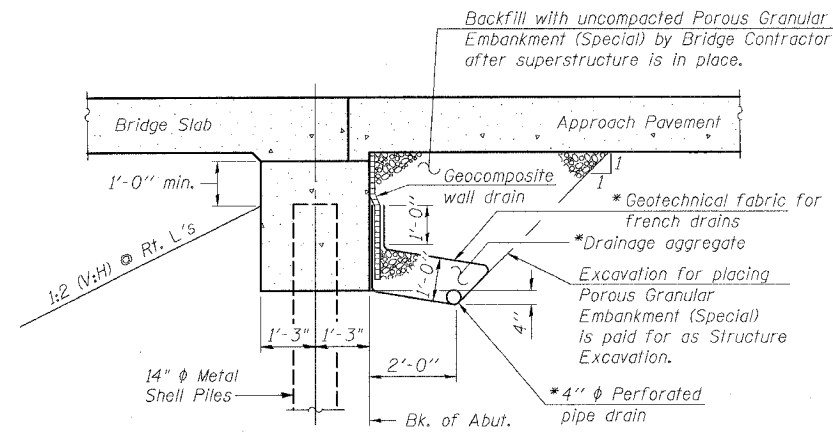
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 PROJECT 05198  
 12/4/06-MML

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2 14 SHEETS
FAU 567 (IL 38)	34-XBR	DEKALB	90	33	
FED. ROAD DIST. NO.	ILLINOIS	FED. PROJ. NO.	PROJECT		

Contract No. 64583



**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**

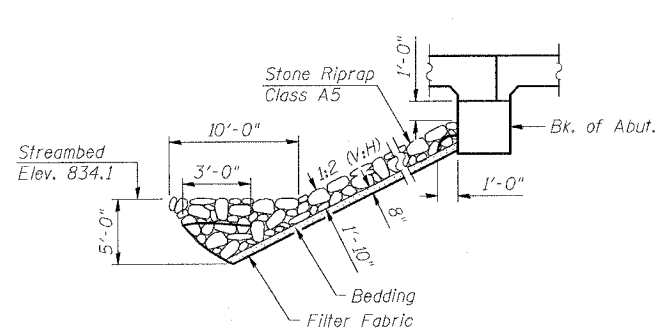
1. General Plan & Elevation
2. General Notes & Details
3. Stage Construction Details
4. Temporary Concrete Barrier
5. Superstructure
6. Superstructure Details
7. Railing Details
8. West Abutment
9. East Abutment
10. Piers
11. Bar Splicer Assembly Details
12. Concrete Pile Details
13. Boring Logs
14.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

**GENERAL NOTES**

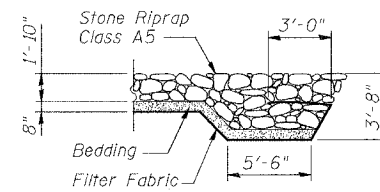
Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.  
Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.  
The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework. 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 1 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

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

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

REVISIONS	
NAME	DATE

**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
ARCHITECTS  
PROFESSIONAL DESIGN FIRM NO. 0028  
PROFESSIONAL ENGINEER LICENSE NO. 000000000  
107 7th Street, 10th Floor, Springfield, IL 62761-1000

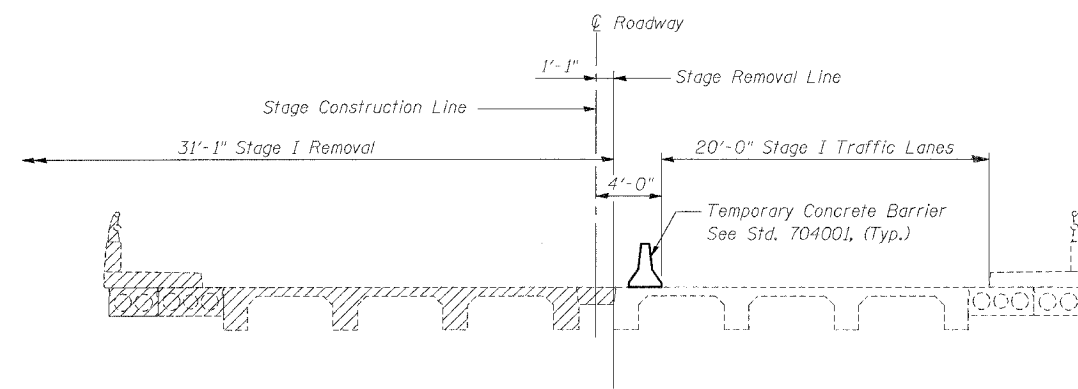
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**PROJECT** 05198  
1/18/07-MML

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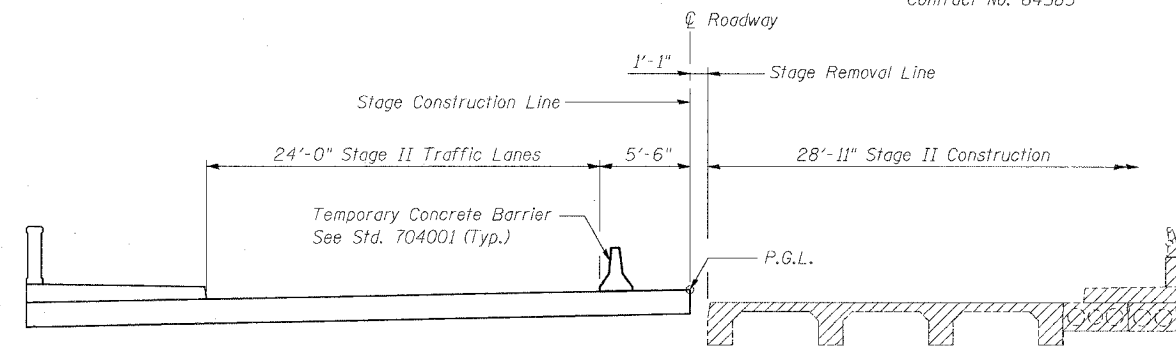
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

Contract No. 64583

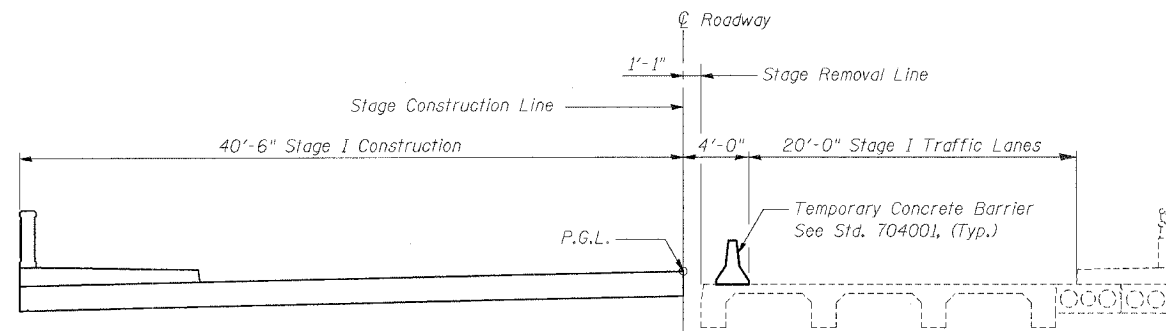


STAGE I REMOVAL

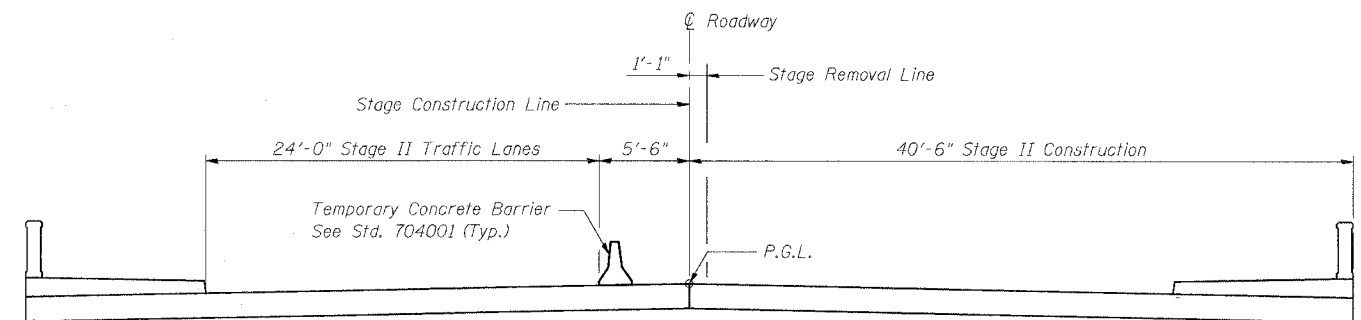


STAGE II REMOVAL

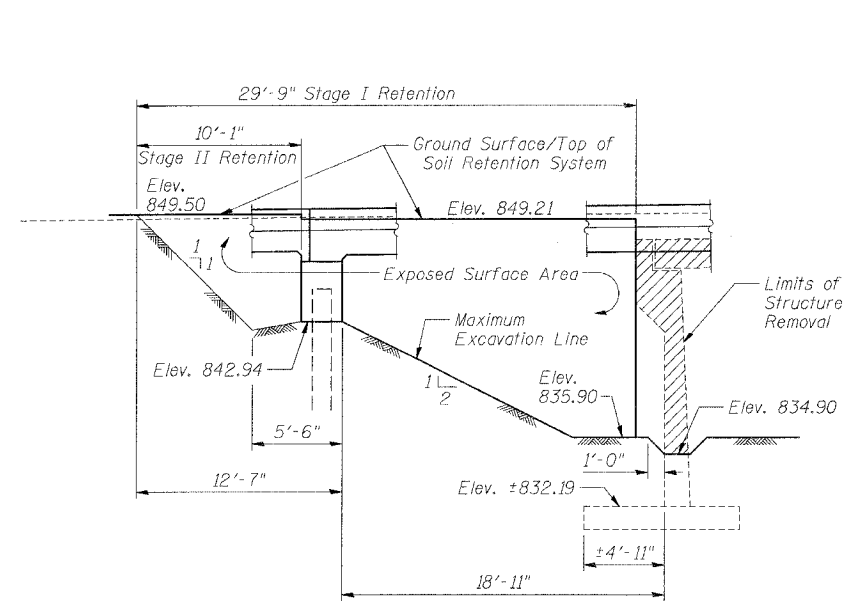
Notes: All cross sections are looking East.  
For quantity of Temporary Concrete Barrier, see Roadway Plans.  
Hatched areas indicate Removal of Existing Structures.



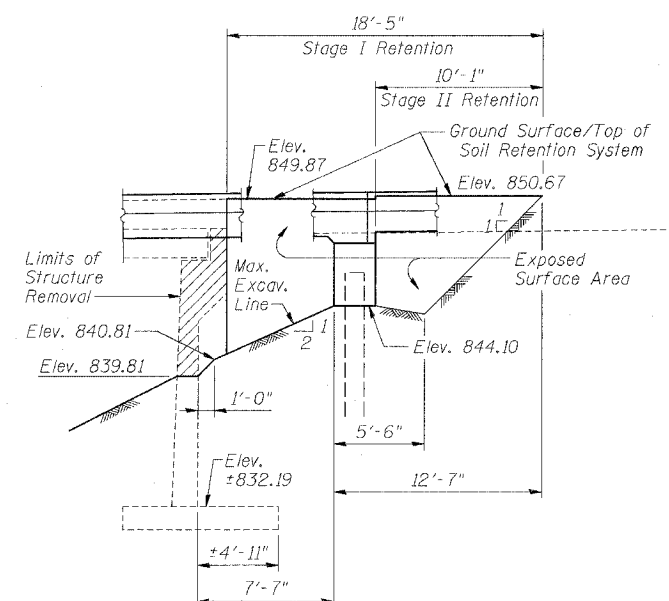
STAGE I CONSTRUCTION



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

COMPUTER FILE NO.  
SN019-0044:STG

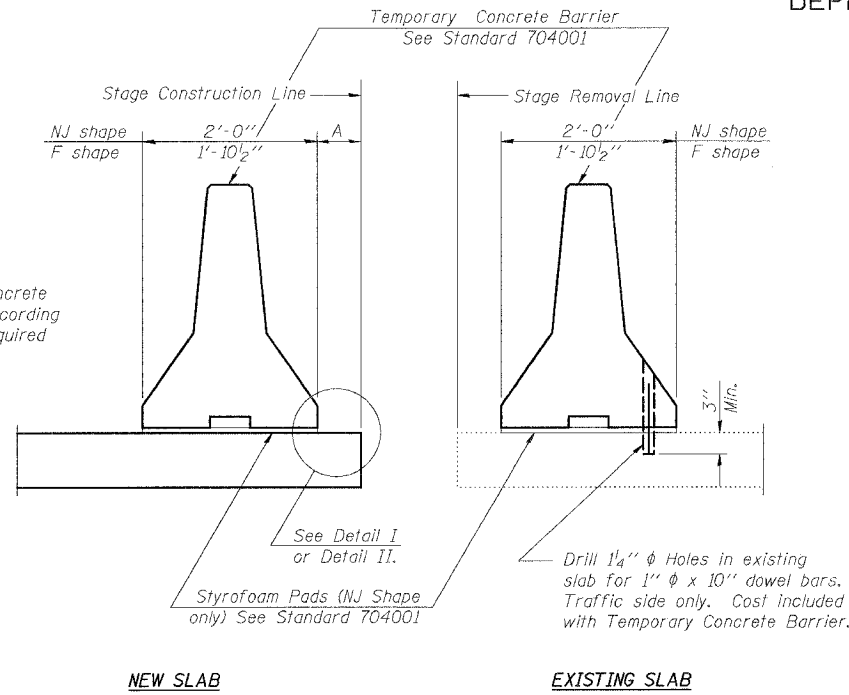
PROJECT 05198  
12/4/06-MML

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
REGISTERED PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-0000000  
1201 W. 50TH, SUITE 202, ST. LOUIS, MO 63112-1000

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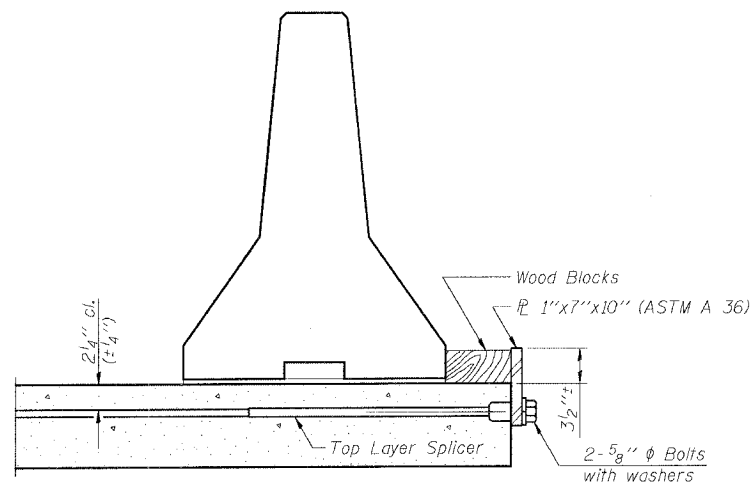
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	CONTRACT NO.	SHEET NO.	SHEET NO. 4 14 SHEETS
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-	Contract No. 64583		



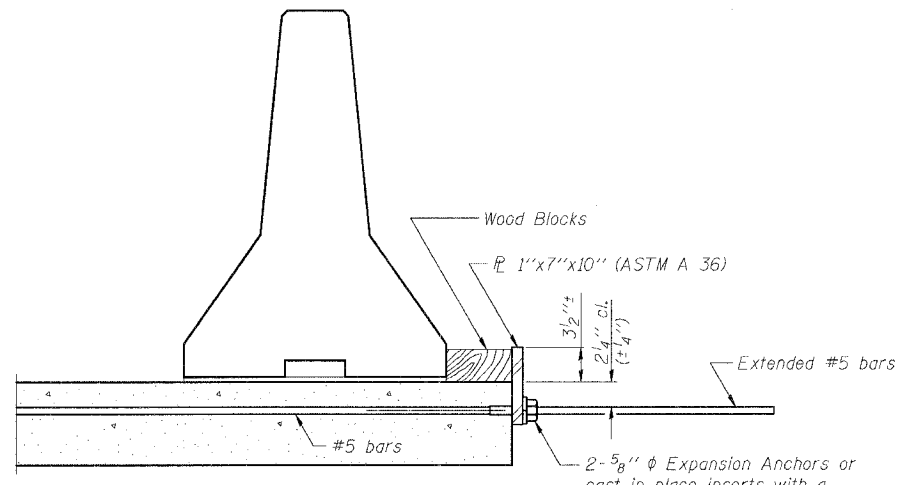
When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".

SECTIONS THRU SLAB



DETAIL I

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

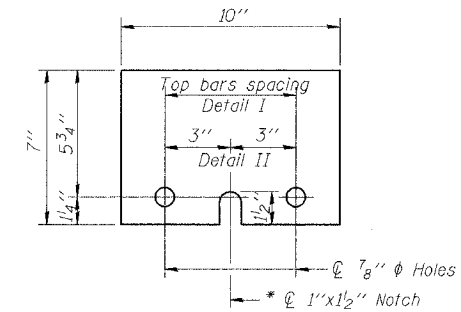


DETAIL II

The 1"x7"x10" 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.

NOTES

- Detail I - With Bar Splicer or Couplers:  
Connect one (1) 1"x7"x10" steel  $\bar{r}$  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"x7"x10" steel  $\bar{r}$  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.



1" x 7" x 10"

\* Required only with Detail II

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

GREENE & BRADFORD, INC. OF SPRINGFIELD

REGISTERED PROFESSIONAL ENGINEERS IN THE STATE OF ILLINOIS

COMPUTER FILE NO. SN019-0044TCB PROJECT 05198 12/4/06-MML

R-27

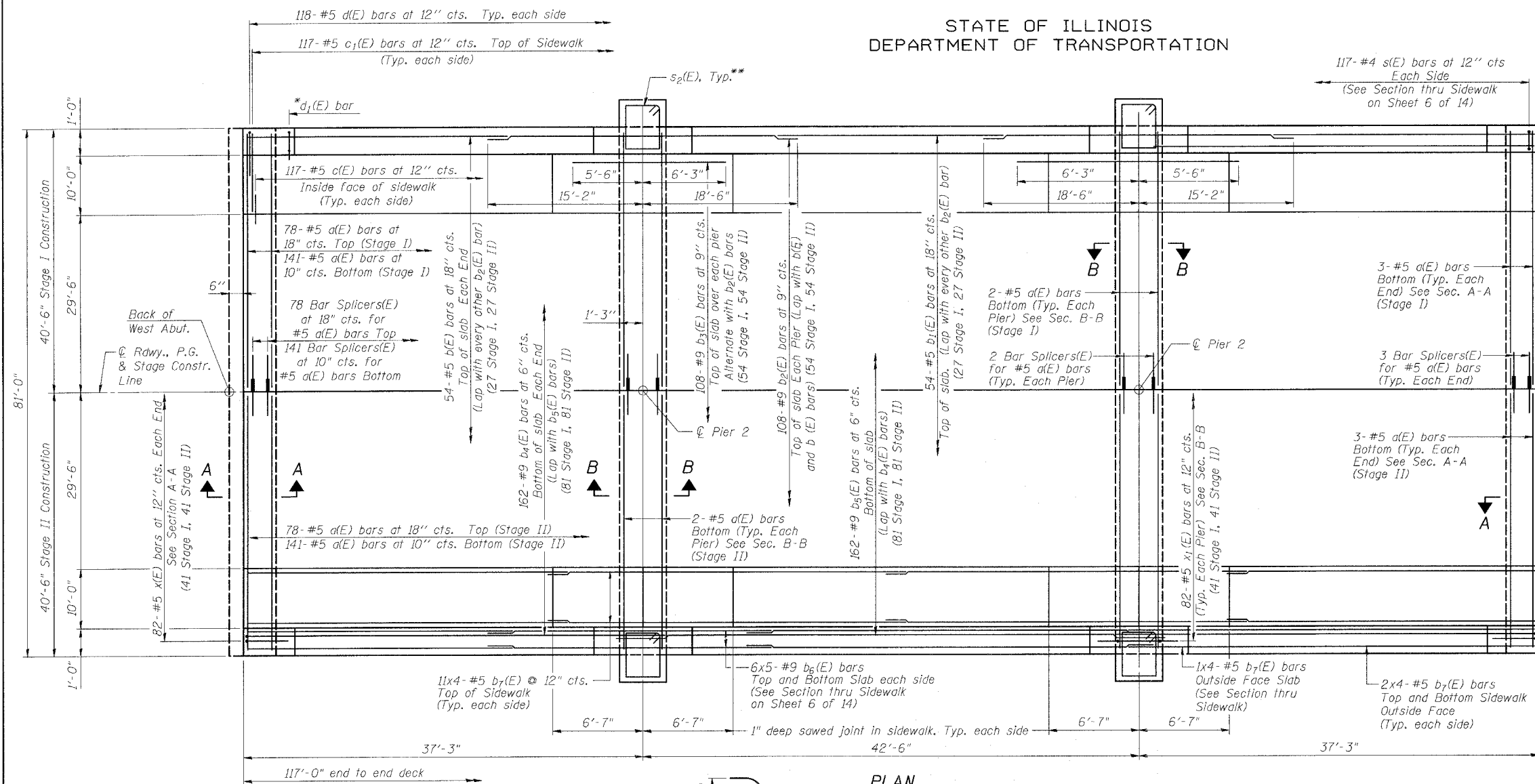
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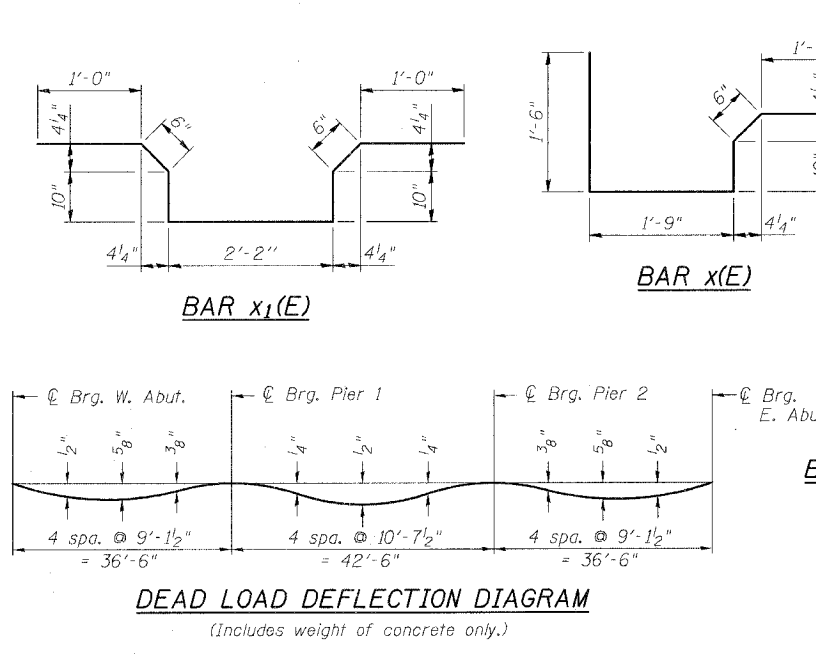
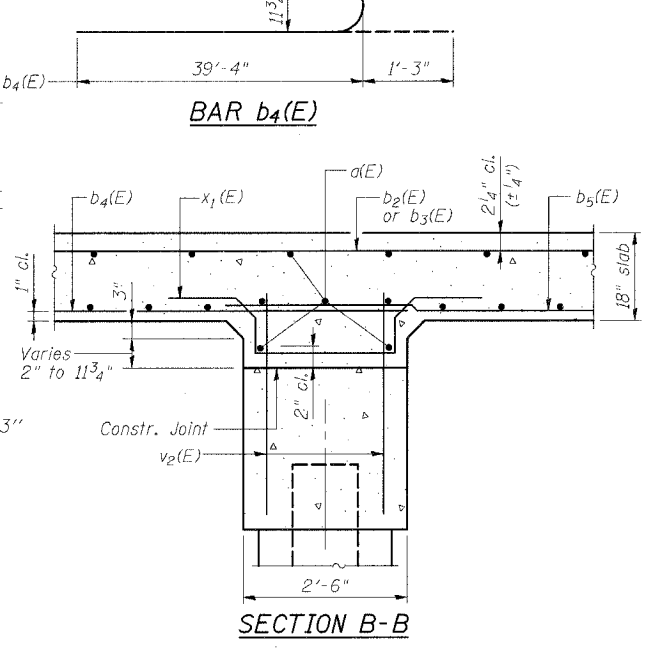
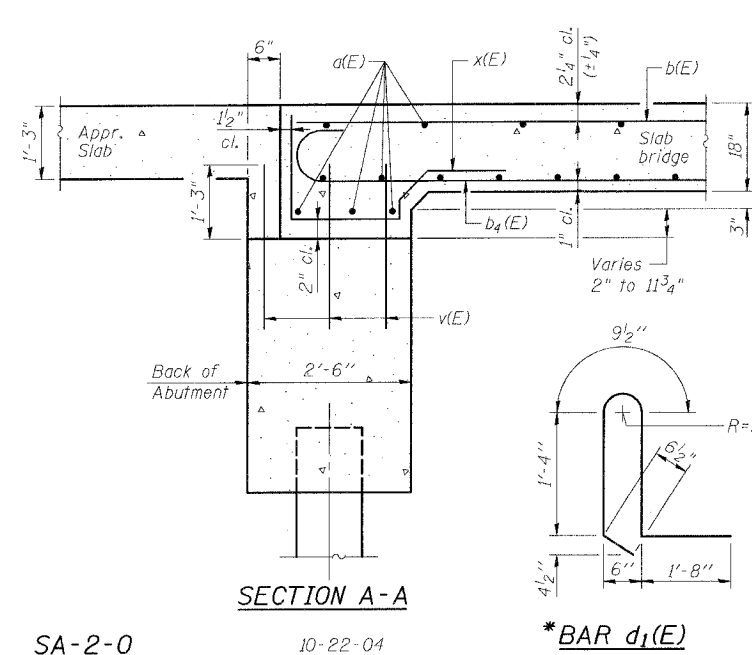
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

Contract No. 64583



PLAN



MIN. BAR LAPS  
#5 bars = 1'-8"  
#9 bars = 4'-5"

\*BAR d<sub>2</sub>(E)

\*BAR s(E) & \*\*s<sub>2</sub>(E)

Bar	No.	Size	Length	Shape
a(E)	458	#5	40'-3"	
b(E)	108	#5	24'-3"	
b <sub>1</sub> (E)	54	#5	10'-6"	
b <sub>2</sub> (E)	216	#9	33'-8"	
b <sub>3</sub> (E)	216	#9	11'-9"	
b <sub>4</sub> (E)	324	#9	40'-7"	
b <sub>5</sub> (E)	162	#9	46'-11"	
b <sub>6</sub> (E)	60	#9	27'-0"	
b <sub>7</sub> (E)	112	#5	30'-6"	
c(E)	8	#5	2'-2"	
c <sub>1</sub> (E)	234	#5	2'-5"	
d(E)	234	#5	10'-6"	
d <sub>1</sub> (E)	236	#5	2'-6"	
d <sub>2</sub> (E)	304	#5	5'-8"	
d <sub>3</sub> (E)	336	#5	8'-8"	
d <sub>3</sub> (E)	12	#6	7'-0"	
d <sub>4</sub> (E)	12	#6	6'-7"	
e(E)	16	#7	19'-6"	
e <sub>1</sub> (E)	16	#5	19'-0"	
e <sub>2</sub> (E)	8	#7	21'-9"	
e <sub>3</sub> (E)	8	#5	21'-1"	
s(E)	234	#4	5'-5"	
s <sub>2</sub> (E)	20	#5	8'-7"	
x(E)	164	#5	5'-7"	
x <sub>1</sub> (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	

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".

REVISIONS	
NAME	DATE

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

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

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DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

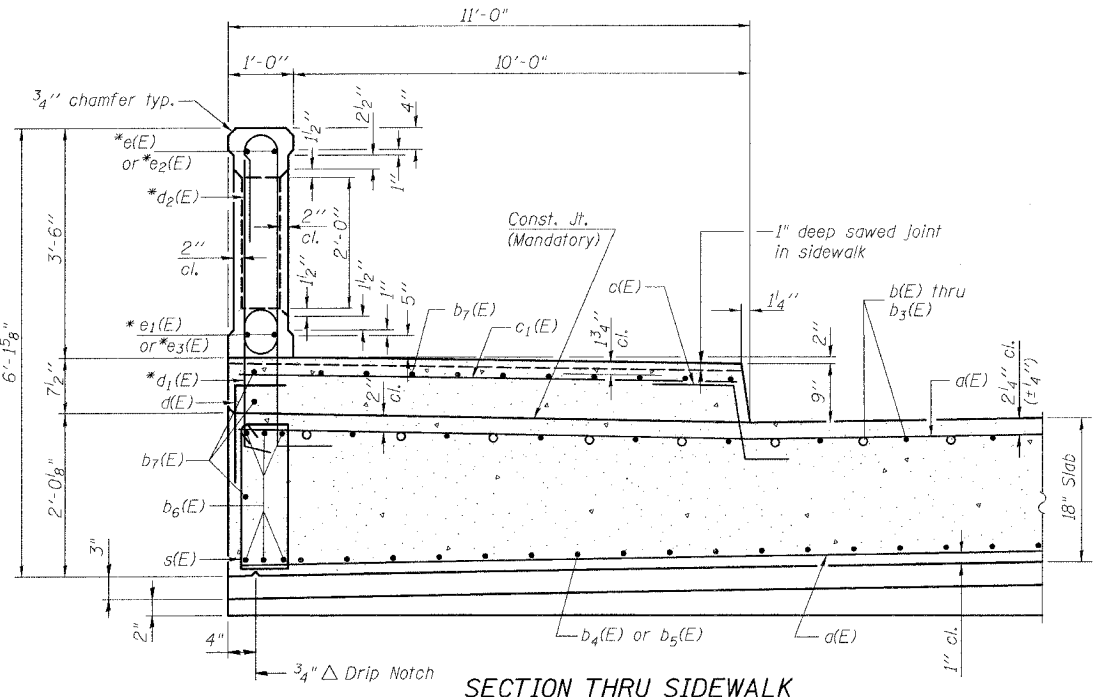
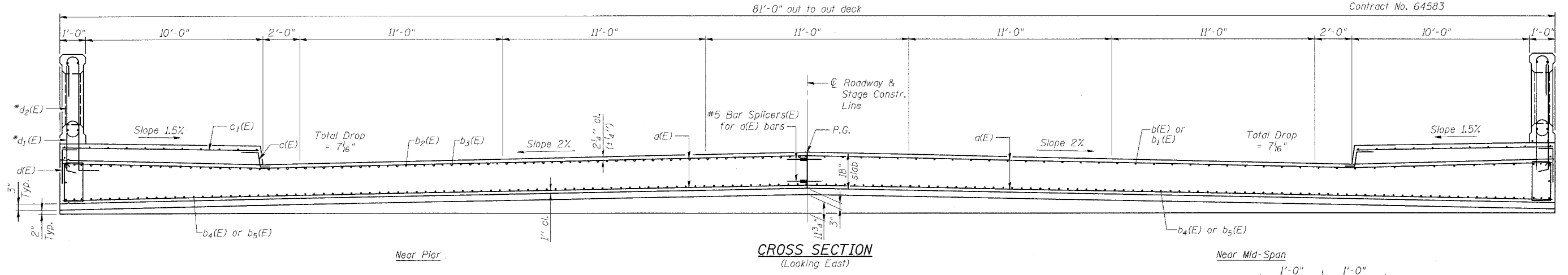
GREENE & BRADFORD, INC. OF SPRINGFIELD

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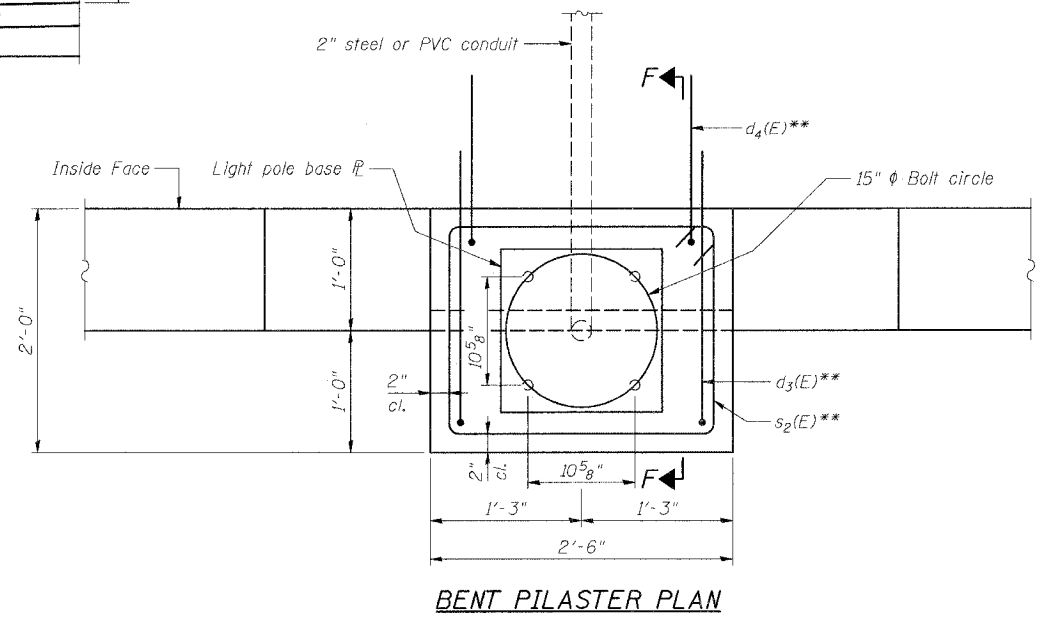
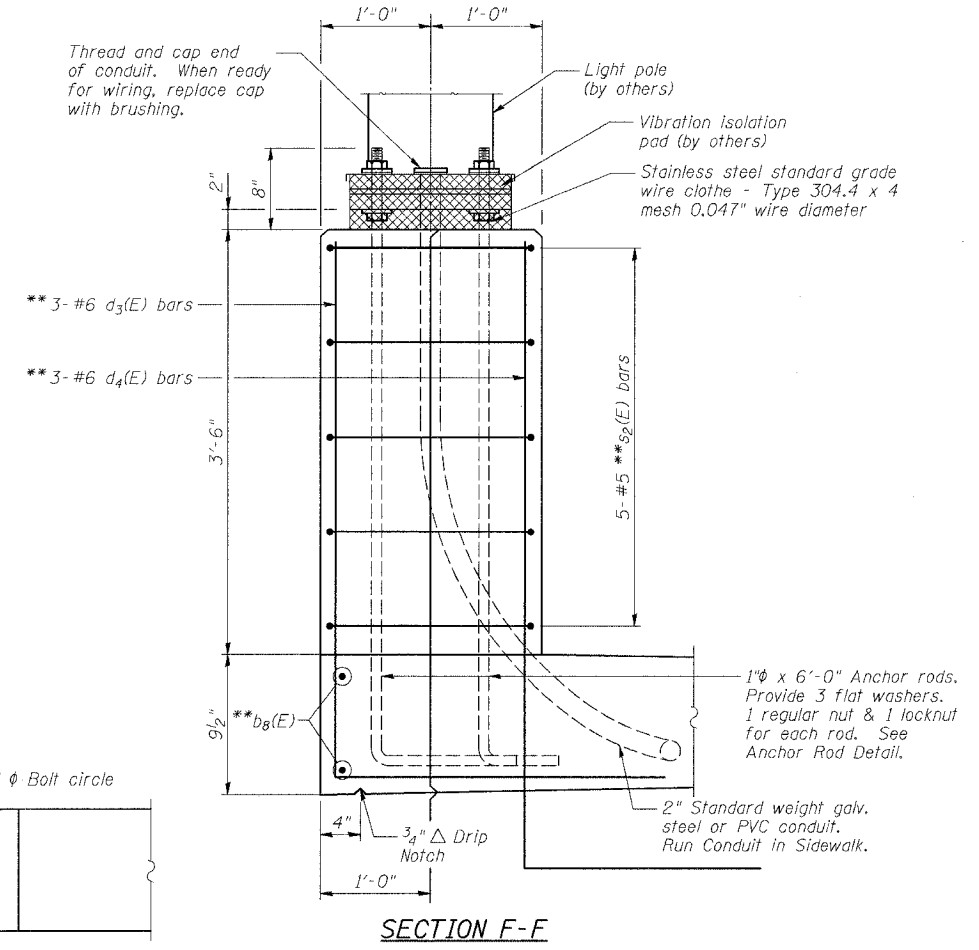
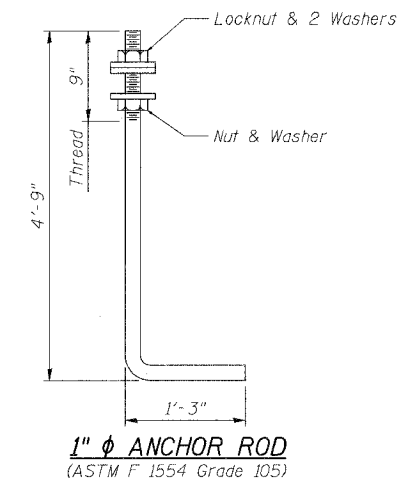
SA-2-0

10-22-04



\* Reinforcement bars included with "Concrete Bridge Rail, Sidewalk Mounted". (See Sheet No. 7 of 14 for location of Section B-B)

\*\* Reinforcement bars included with "Anchor Rods".



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERSTRUCTURE 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. DATE: 7/6/05

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

COMPUTER FILE NO. SN019-0044SECTION PROJECT 05198 12/4/06-MML

GREENE & BRADFORD, INC. OF SPRINGFIELD

CONSULTING ENGINEER

REGISTERED PROFESSIONAL ENGINEER

ILLINOIS LICENSE NO. 021-00000000

PROFESSIONAL SEAL AND SIGNATURE REQUIRED FOR ALL PROJECTS

415-758-8800, 415-758-8211, FAX: 415-758-8800

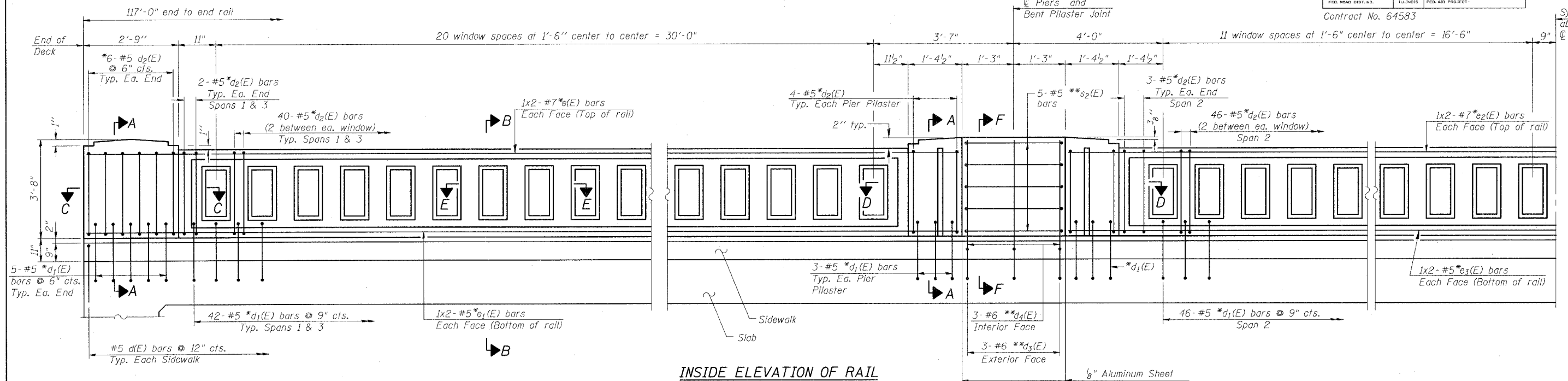
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAU 567 (IL 38)	SECTION 34-XBR	COUNTY DEKALB	TOTAL SHEETS 90	SHEET NO. 38	SHEET NO. 7 14 SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

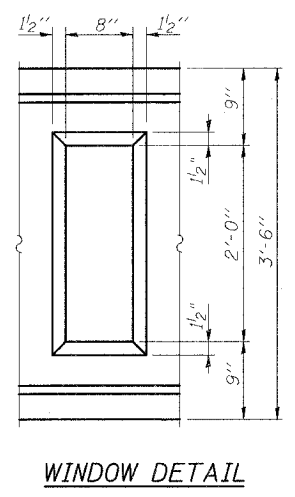
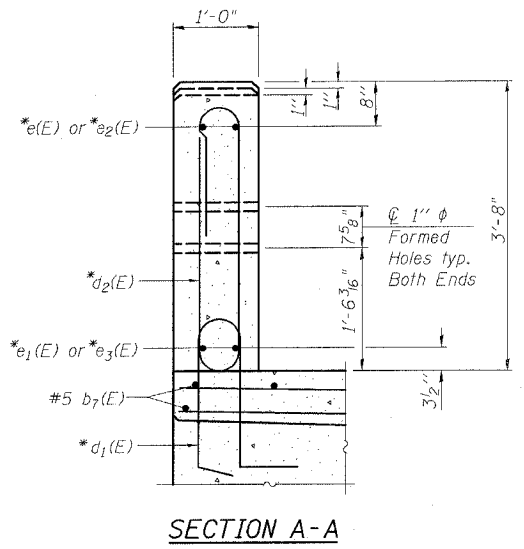
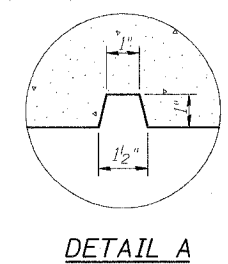
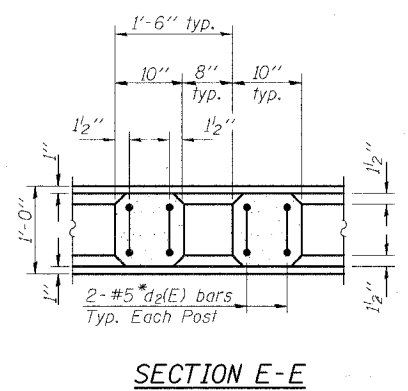
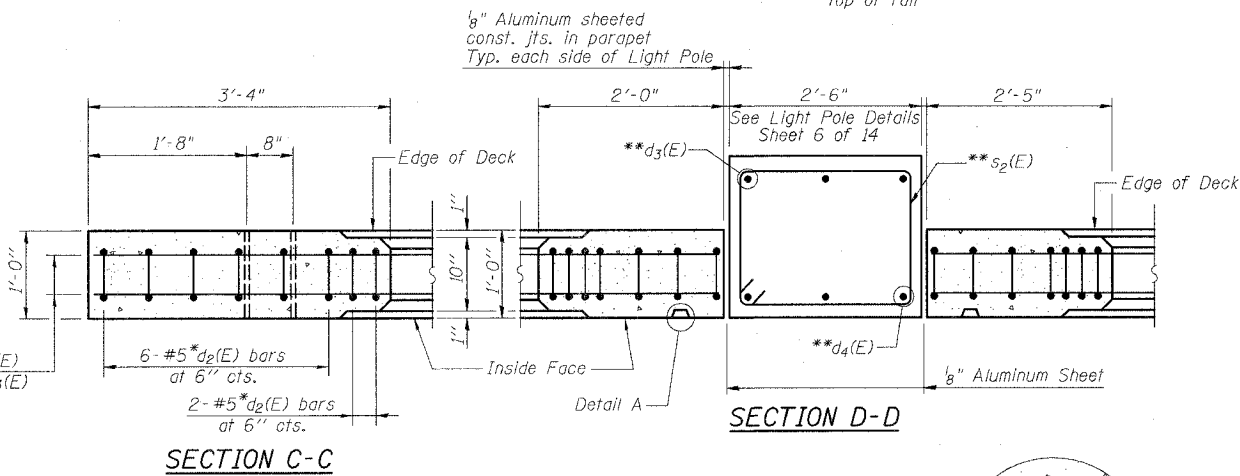
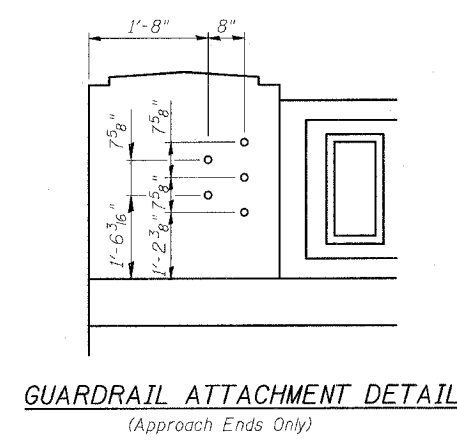
Contract No. 64583

Symm. about  
Span 2



\* 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.

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

REVISIONS	
NAME	DATE

SCALE: VERT. 1"=1'-0"  
HORIZ. 1"=10'-0"  
DATE: 7/6/05

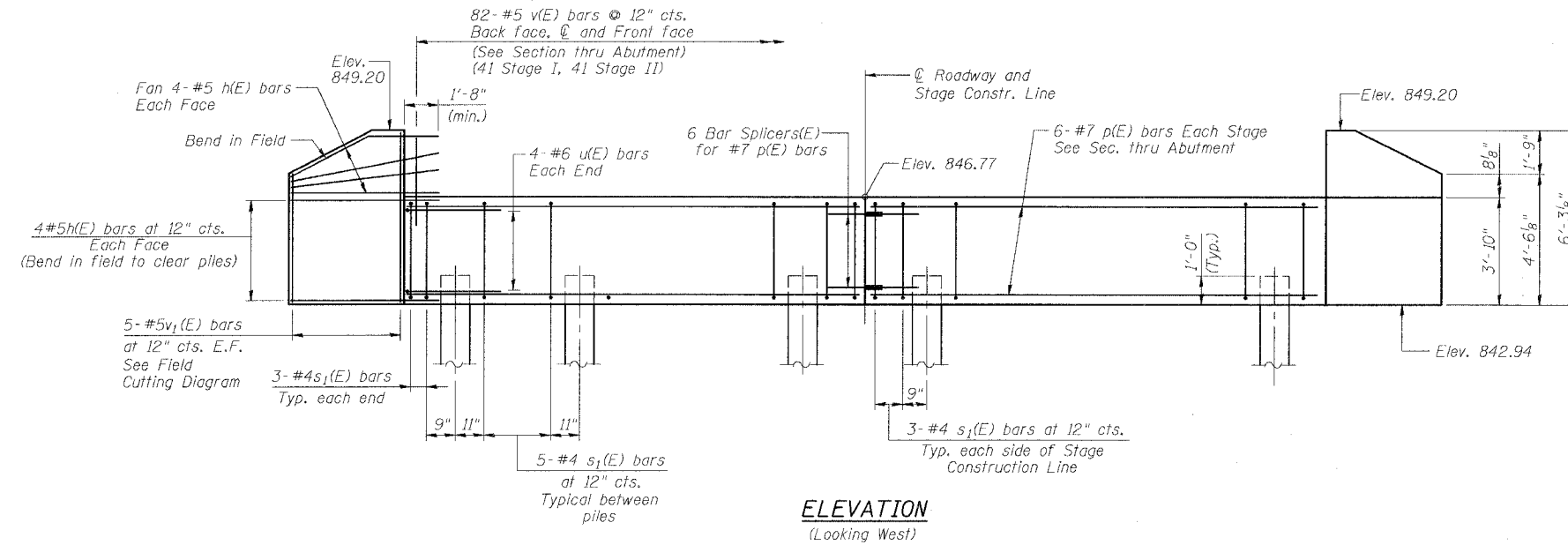
DRAWN BY: LANDREY  
DESIGNED BY: TRELLO  
CHECKED BY: SANFORD

COMPUTER FILE NO.  
SN019-0044RAIL  
PROJECT 05198  
1/18/07-MML

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PLOT SCALE = 0.0833  
PLOT DATE = 1/18/2007  
PLOT TIME = 10:23:17 AM  
OPERATOR = michaell

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	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		

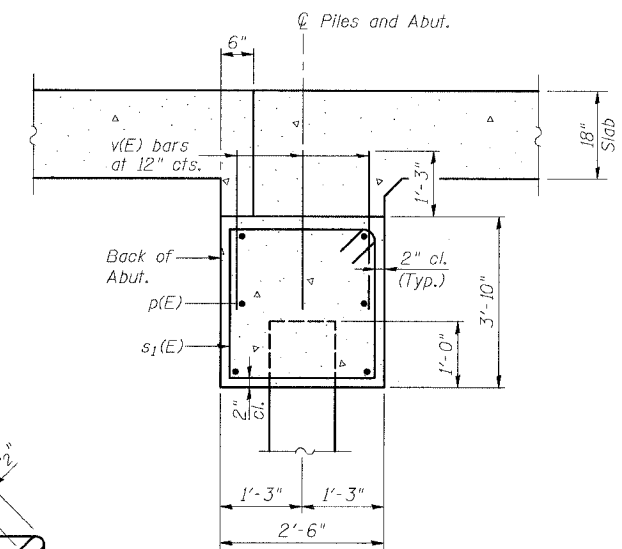


**ELEVATION**  
(Looking West)

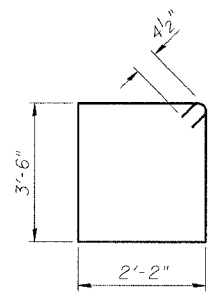
Note:  
The Metal Shell piles shall be according to ASTM A 252 Grade 3.

**PILE DATA**

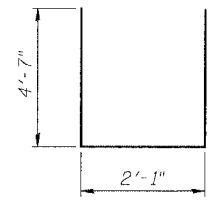
Type and Size: Metal Shell - 14 in. dia. x 0.25 in. wall  
Nominal Required Bearing: 192 kips  
Allowable Resistance Available: 64 kips  
Estimated Length: 27 feet



**SECTION THRU ABUTMENT**



**BAR s1(E)**



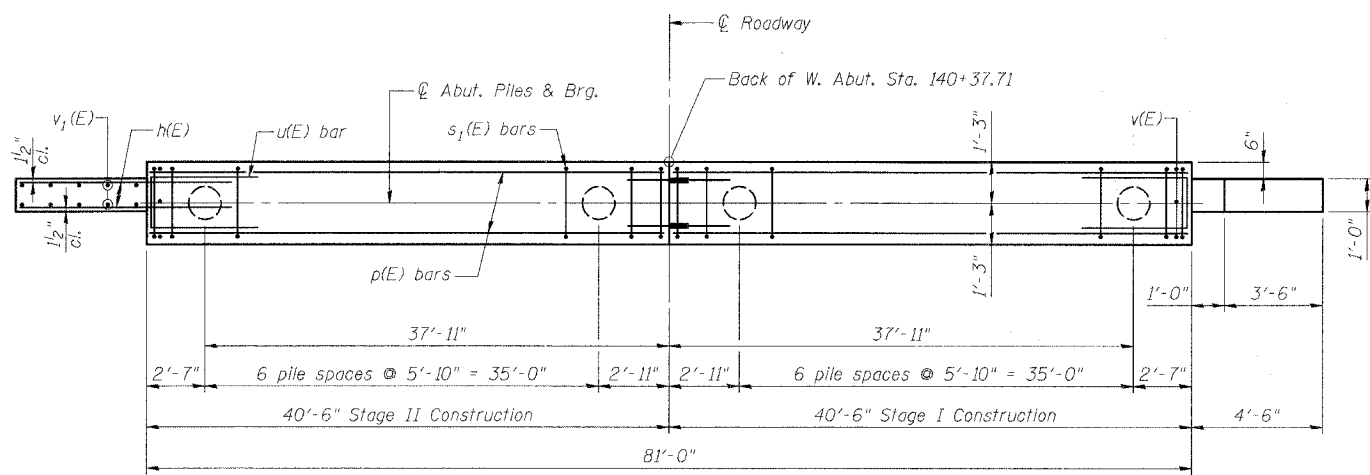
**BAR u(E)**

**BILL OF MATERIAL  
WEST ABUTMENT**

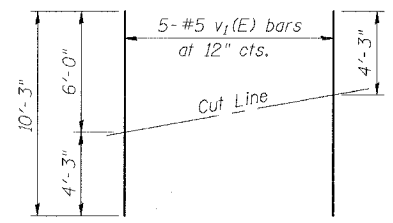
Bar	No.	Size	Length	Shape
h(E)	32	#5	6'-8"	—
p(E)	12	#7	40'-3"	—
s1(E)	72	#4	12'-1"	□
u(E)	8	#6	11'-3"	—
v(E)	246	#5	3'-7"	—
v1(E)	10	#5	10'-3"	—

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 v1(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. 1"=10'  
HORIZ. 1"=40'  
DATE: 7/6/05

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

GREENE & BRADFORD, INC.  
(OF SPRINGFIELD)  
CONSULTING ENGINEERS  
300 SOUTH MAIN STREET  
SPRINGFIELD, ILLINOIS 62761  
TEL: 217-223-1100 FAX: 217-223-1101  
WWW.GREENE-AND-BRADFORD.COM

COMPUTER FILE NO.  
SM019-0044:ABUT.W  
PROJECT 05198  
12/4/06-MML

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PLOT DATE = 12/4/2006  
PLOT TIME = 1:57:42 PM  
OPERATOR = michelle

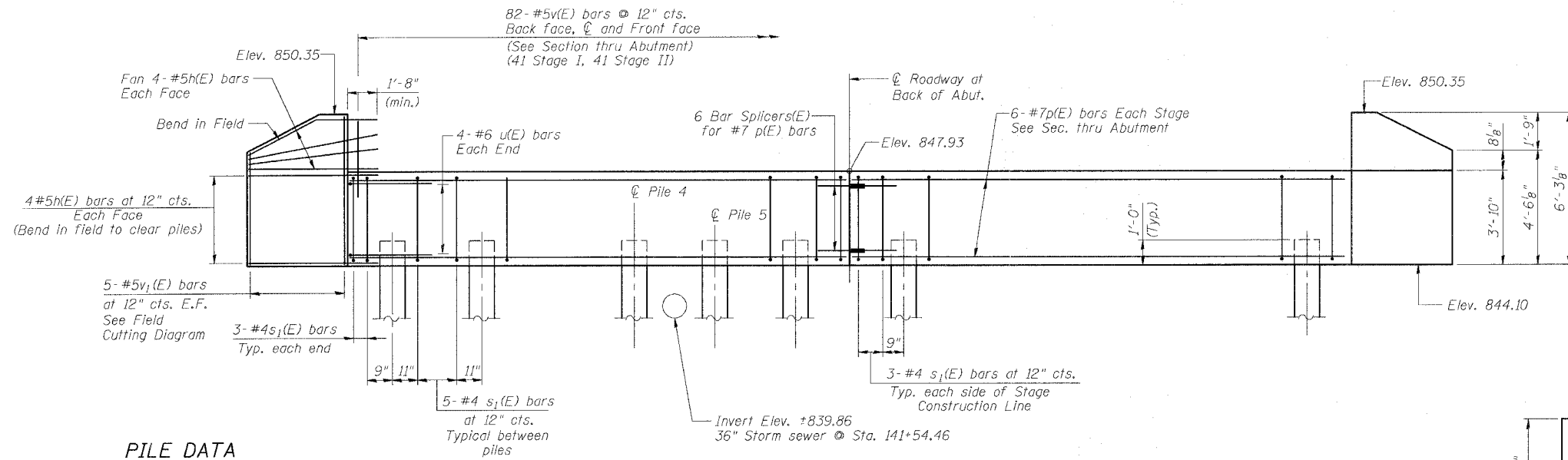


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 567 (IL 38)	34-XBR	DEKALB	90	40
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 9  
14 SHEETS

Contract No. 64583



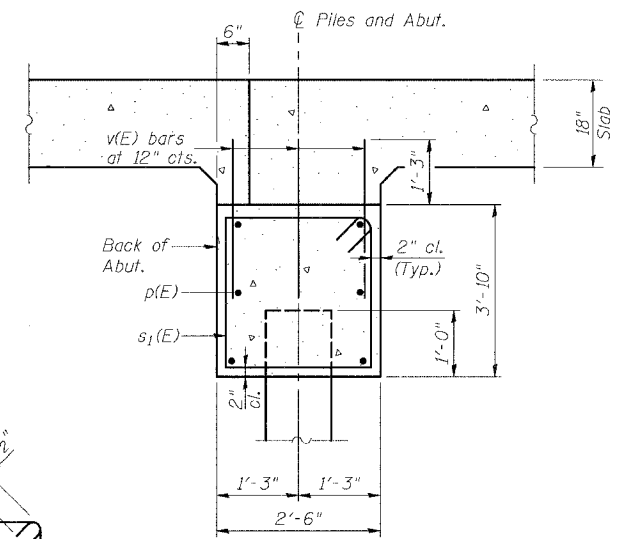
**PILE DATA**

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

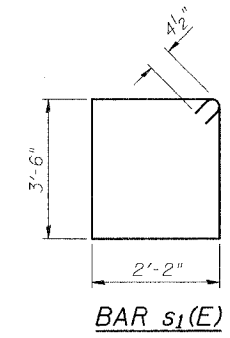
**ELEVATION**  
(Looking East)

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

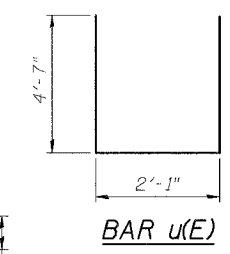
Pile driving operations shall be completed after the removal of the existing 36" storm sewer and prior to placement of 36" storm sewer. For details and quantities of 36" storm sewer, see Roadway plans.



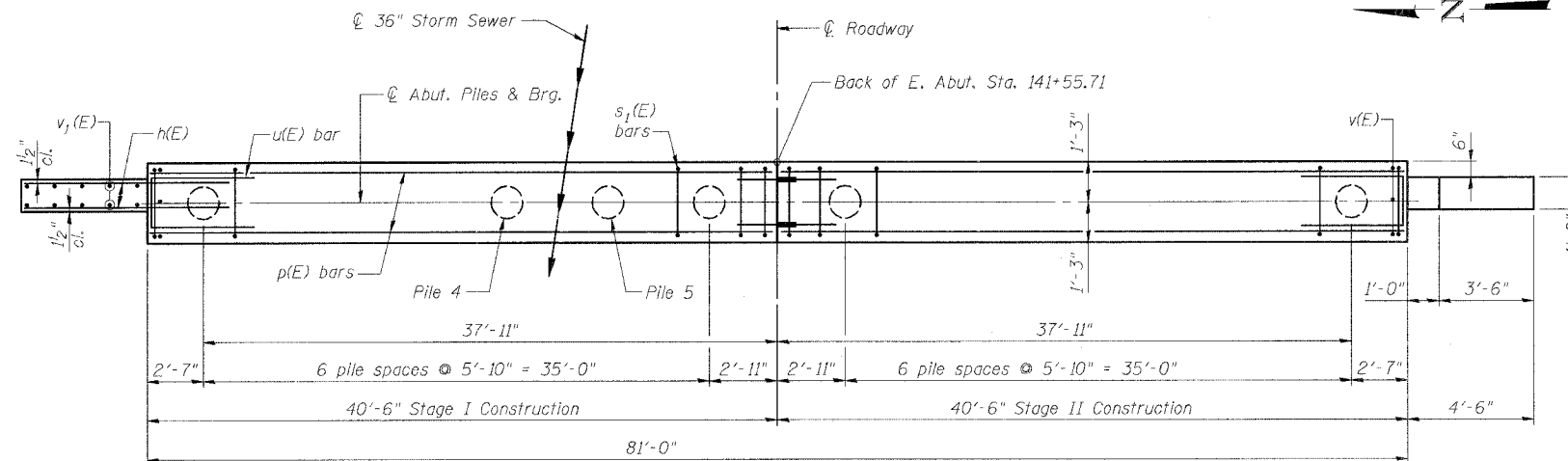
**SECTION THRU ABUTMENT**



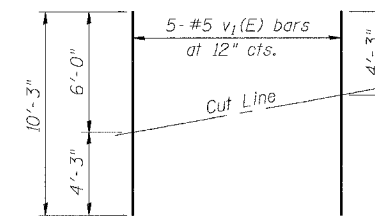
BAR s<sub>1</sub>(E)



BAR u(E)



**PLAN**



**FIELD CUTTING DIAGRAM**

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

**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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EAST 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

<b>GREENE &amp; BRADFORD, INC.</b> OF SPRINGFIELD CONSULTING ENGINEERS INCORPORATED 1000 W. WASHINGTON ST., SUITE 200 SPRINGFIELD, ILLINOIS 62760 TEL: 217-223-1111 FAX: 217-223-1112	<b>COMPUTER FILE NO.</b> SM019-0044:ABUT.E <b>PROJECT</b> 05198 12/4/06-MML
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PLOT TIME = 10:17:17 AM  
OPERATOR = MICHAEL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

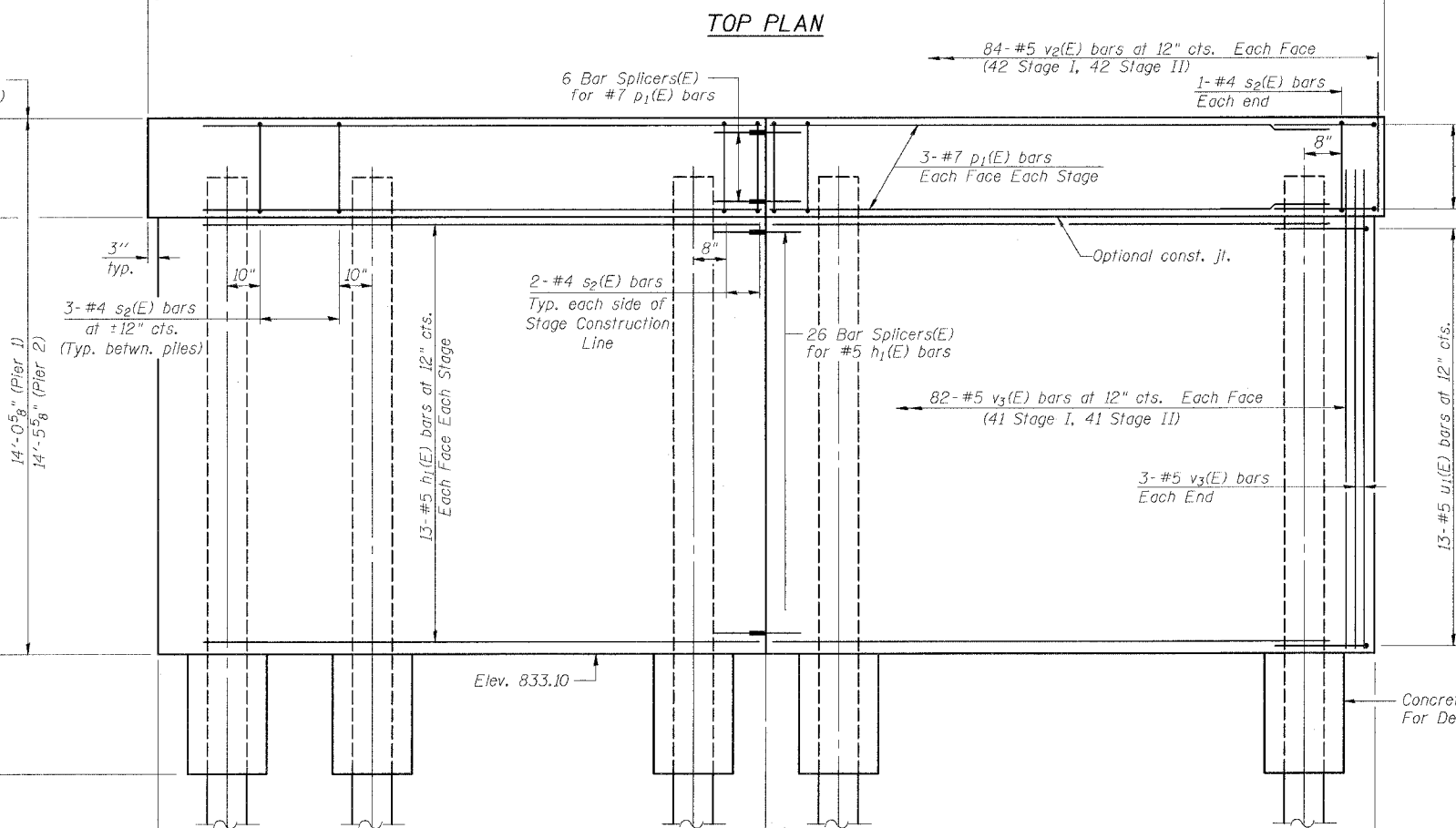
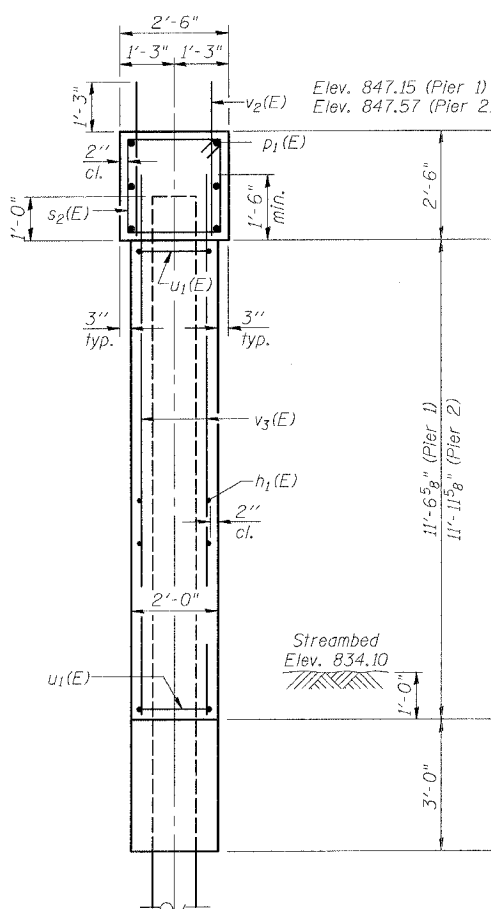
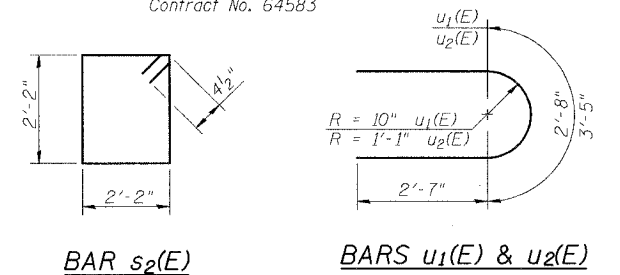
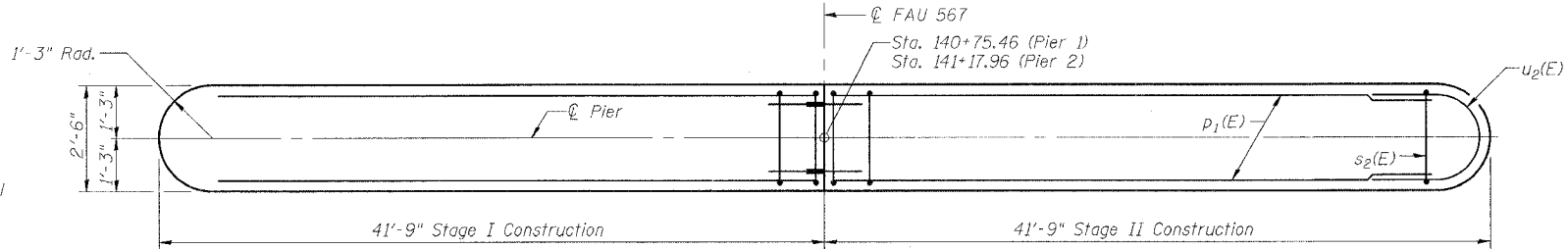
ROUTE NO. FAU 567 (IL 38)	SECTION 34-XBR	COUNTY DEKALB	SHEET NO. 90	SHEET NO. 41	SHEET NO. 10 14 SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

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.

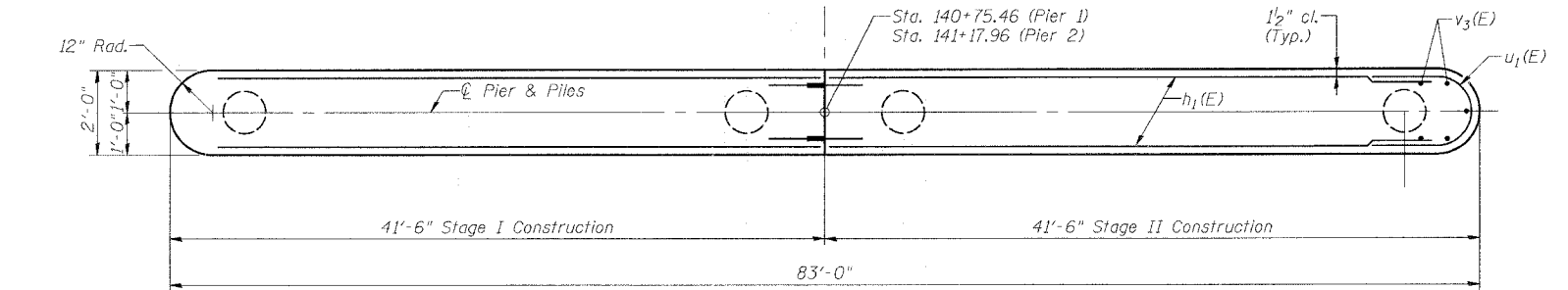
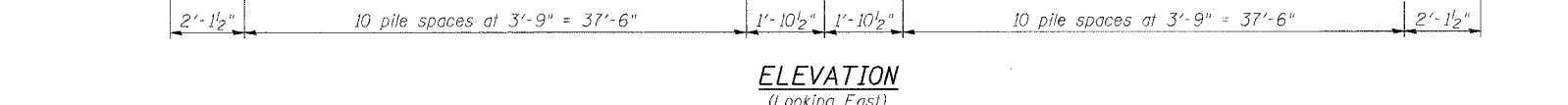


\* For Concrete Encasement details, see sheet 12 of 14.

TWO PIERS  
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	104	#5	40'-3"	—
p1(E)	24	#7	40'-3"	—
s2(E)	132	#4	9'-5"	□
u1(E)	52	#5	7'-10"	U
u2(E)	12	#6	8'-7"	U
v2(E)	336	#5	3'-7"	—
v3(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.



REVISIONS	
NAME	DATE

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

COMPUTER FILE NO. SN019-0044PIER  
PROJECT 05198 12/4/06-MML

GREENE & BRADFORD, INC. OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL DESIGN FIRM NO. 0009  
1015 N. 4th St., Springfield, IL 62761-1000  
TEL: 217-223-4400 FAX: 217-223-4401

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PLOT DATE = 12/4/2006  
PLOT TIME = 1:57:41 PM  
OPERATOR = mchelle

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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:

- ① Minimum Capacity (Tension in kips) =  $1.25 \times f_y \times A_t$
- ② Minimum \*Pull-out Strength (Tension in kips) =  $1.25 \times f_{s_{allow}} \times A_t$

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)  
 $A_t$  = 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."

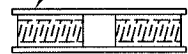
The diameter of this part is equal or larger than the diameter of bar spliced.  
The diameter of this part is the same as the diameter of the bar spliced.

**ROLLED THREAD DOWEL BAR**



\*\* ONE PIECE

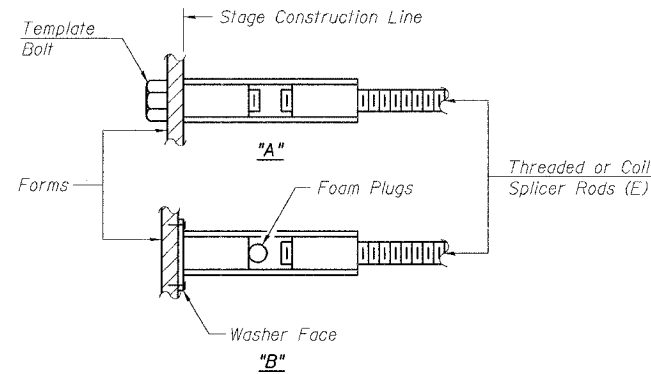
Wire Connector



**WELDED SECTIONS**

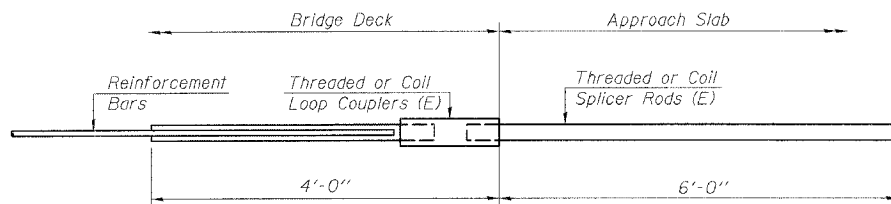
**BAR SPLICER ASSEMBLY ALTERNATIVES**

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



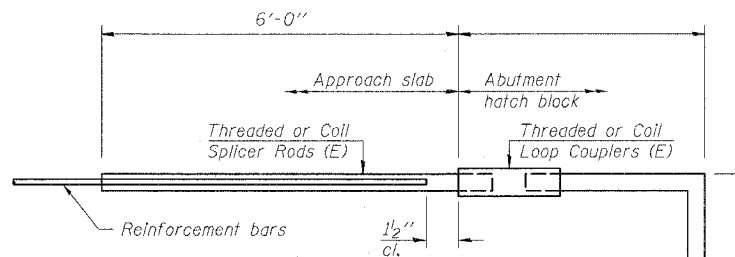
**INSTALLATION AND SETTING METHODS**

"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.



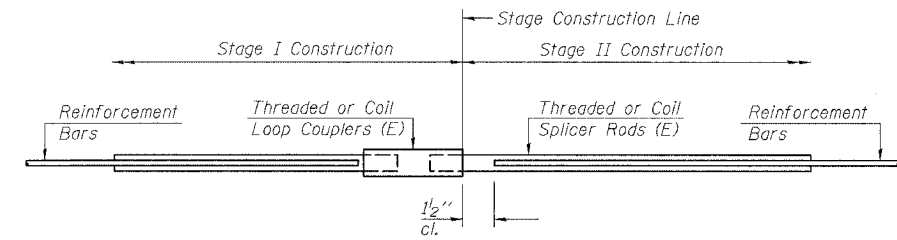
**FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS**

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.  
CONSULTING ENGINEERS  
1215 WEST 10TH STREET, SUITE 200, PEORIA, ILLINOIS 61614  
PH: 309.696.1234 FAX: 309.696.1235

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

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OPERATOR = micheel

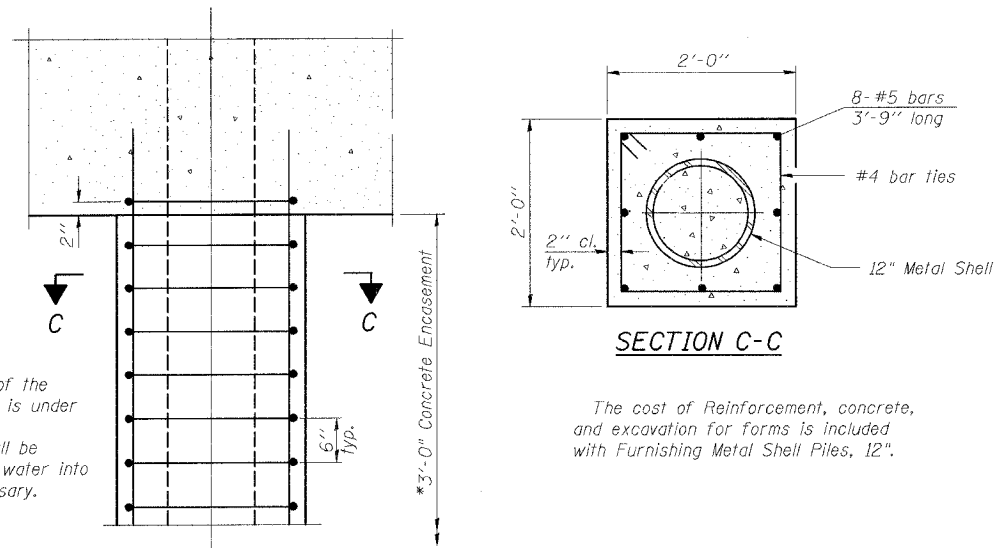
BSD-1

10-22-04

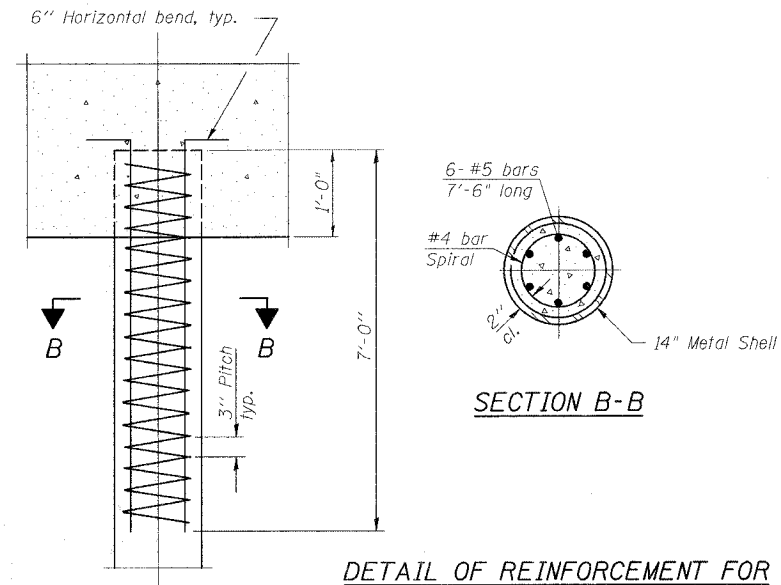
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAU 567 (IL 38)	SECTION 34-XBR	COUNTY DEKALB	SHEET NO. 90	SHEET 43	SHEET NO. 12 14 SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Contract No. 64583

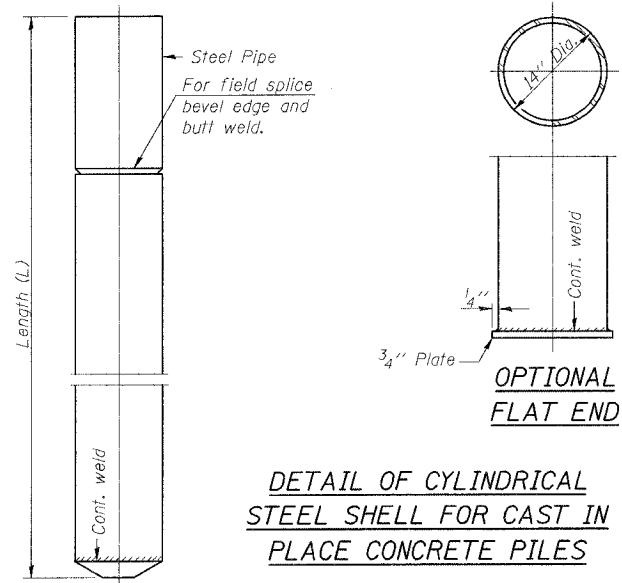


**DETAIL OF PROTECTION  
FOR METAL SHELLS AT PIERS**

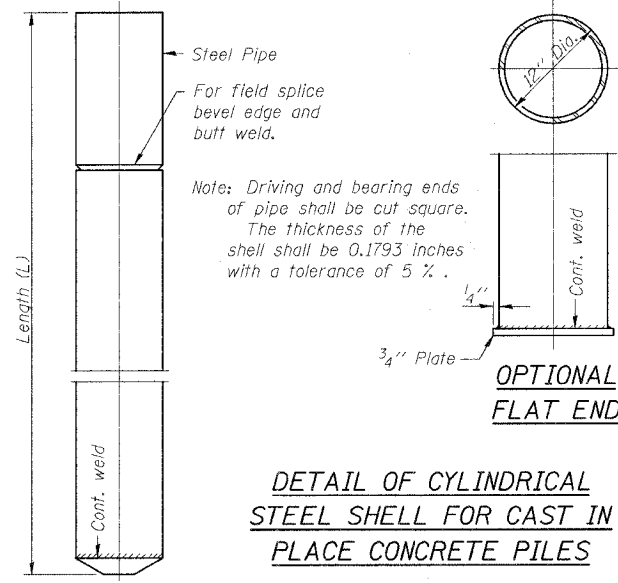


**DETAIL OF REINFORCEMENT FOR  
METAL SHELLS AT ABUTMENTS**

**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**

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PLOT SCALE = 1:1000  
PLOT DATE = 12/14/2006  
PLOT TIME = 1:57:06 PM  
OPERATOR = michaell

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  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS  
1015 N. 4th St., Springfield, IL 62761-1015  
TEL: 217-789-4227 FAX: 217-789-4228  
WWW.GREENE-AND-BRADFORD.COM

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





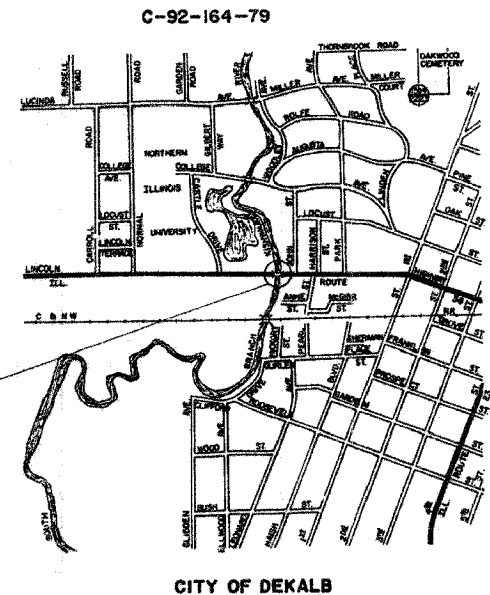
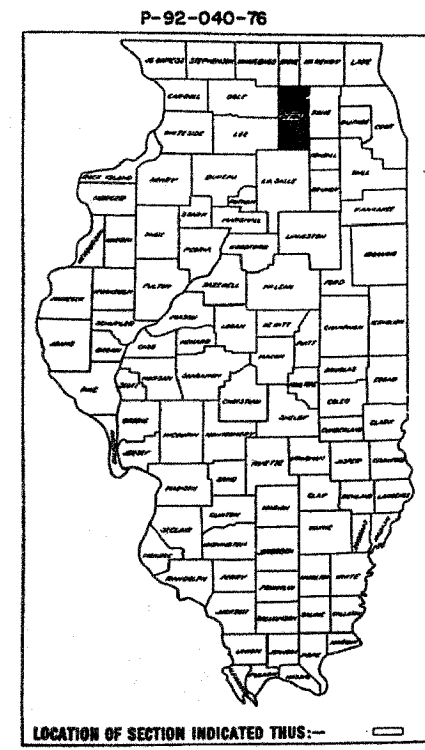
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**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-E. Bridge Plans
  - 14. Traffic Control Details
  - 15. Entrance Approaches - Urban Area
- Standards:
- 21E-1 Nameplate for Bridges
  - 21E-5 Concrete Curb & Combination Concrete Curb & Gutter
  - 22C-4 Frame and Lid, Type I
  - 22C-13 Steel Plate Beam Guardrail
  - 225-4 Typical Application of Traffic Control Devices
  - 225-7 Design of Traffic Control Devices
  - 2300-1 Flagman Traffic Control Devices
  - 232-4 Pavement Joints
  - 233 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+669**  
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.

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 28, 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 ONE = DATE  
PLOT TWO = SCALE  
PLOT THREE = SCALE  
REFERENCE = REF  
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. \_\_\_\_\_  
DATE: 2/24/06

DRAWN BY: SUTHEARD  
CHECKED BY: BOTT

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

REGISTERED PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-000001-000002  
PROFESSIONAL ENGINEER REG. NO. 021-000001  
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION  
2211 W. BARKER, SUITE 200, SPRINGFIELD, ILL. 62702

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

**EXISTING BRIDGE PLANS**

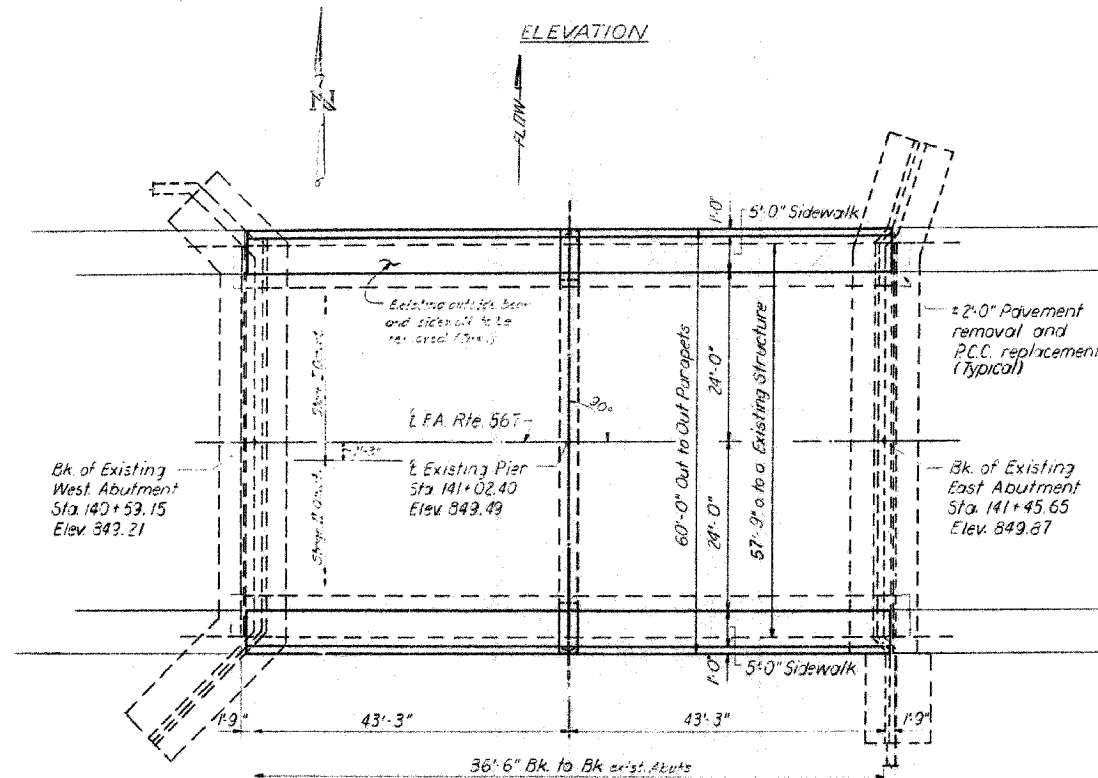
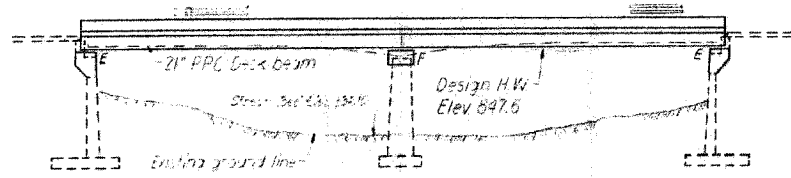
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

REVISE NO.	REVISION	DATE	BY
1	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 850.03.  
Existing Structure: Two span cont. parabolic RC Girder Bridge.  
Fascia girders to be removed and replaced with two R.P.C. deck beams, using stage construction.



STATION 141+02.40  
REBUILT BY  
STATE OF ILLINOIS  
F.A. 567 SEC. 34X-BY  
F.A. PROJ. F-567(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 M31 or M53 Grade 60.

TOTAL BILL OF MATERIALS

Item	Unit	Super	Sub	Total
Bituminous Concrete Surface Course, Class I	Ton	53		53
Waterproofing Membrane System	Sq. Yd.	485		485
Concrete Removal	Cu. Yd.	62	10	72
Protective Coat	Sq. Yd.	165		165
Expansion Bolts (3/8")	Each		60	60
Class X Concrete	Cu. Yd.	56.8	19.9	76.2
Precast Prestressed Concrete Deck Beams (21")	Sq. Ft.	1245		1245
Reinforcement Bars	Pound	210	1010	1220
Temporary Concrete Barriers	Lin. Ft.	90		90
Aluminum Railing, Type L	Lin. Ft.	174		174
Reinforcement Bars (Epoxy Coated)	Pound	2610		2610
Name Plates	Each	1		1
Portland Cement Mortar Fairing Course	Lin. Ft.	178		178
Deck Slab Repair (Partial Deck)	Sq. Yd.	90		90
Rebar, Removal and R.C.C. Reinforcement Bars (10)	Sq. Yd.	7		7

\* (See Section Provisions)

DESIGN STRESSES

fc = 5,000 p.s.i.  
fci = 4,000 p.s.i.  
fs = 270,000 p.s.i. (1/2" Strands)  
fsi = 130,000 p.s.i. (1/2" Strands)

FIELD UNITS

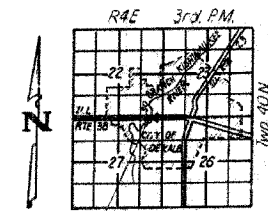
fc = 3,500 p.s.i.  
fy = 60,000 p.s.i.

LOADING HS 20-44

Design Specifications: 1977 AASHTO, and 1978 Interim. Specs as applicable. Allow 25 #/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.



Proposed reconstruction  
LOCATION SKETCH

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

DESIGNED	J. I. Gonulsen
CHECKED	J. I. Gonulsen
DRAWN	C. G. S. U.
CHECKED	J. I. G.

EXAMINED	Handwritten Signature
PASSED	Handwritten Signature
APPROVED	Handwritten Signature

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.  
OF SPRINGFIELD

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

EXISTING BRIDGE PLANS

PLOT DATE = 2/24/06  
PLOT SCALE = AS SHOWN  
REFERENCE = AREAS  
OPERATOR = #USERS

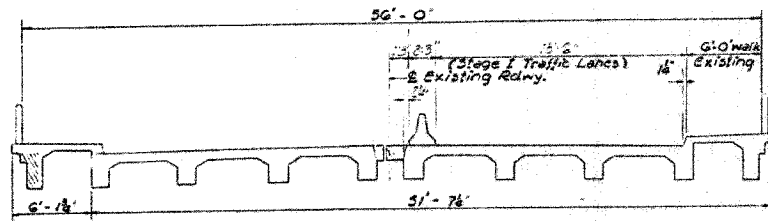


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

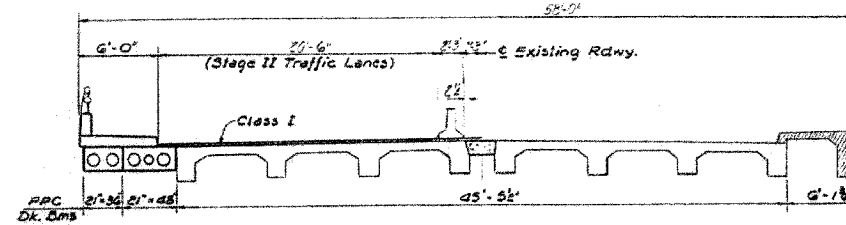
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE	BY	REVISION	NO.	DESCRIPTION
2/21/06	Urschl	15	6	

SHEET NO. 2  
9 SHEETS

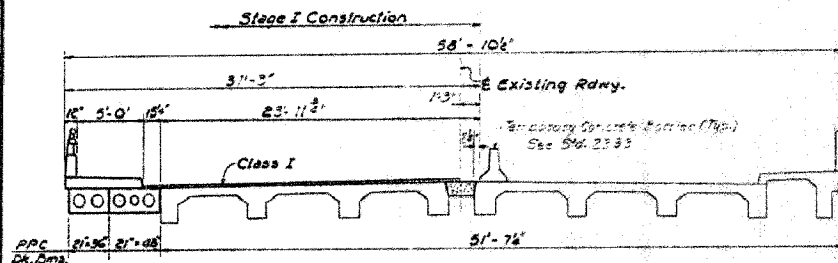


STAGE I REMOVAL  
(Looking East)

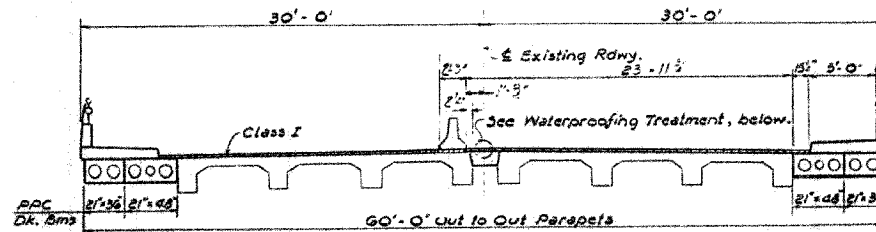


STAGE II REMOVAL  
(Looking East)

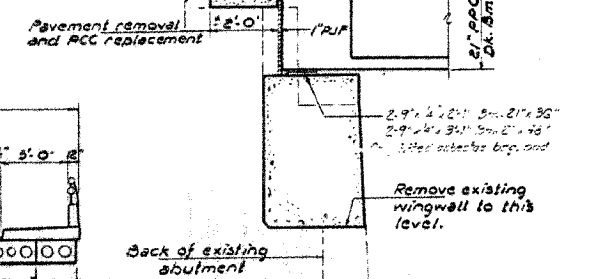
Removal & Disposal of Existing Handrail - Incident to CONCRETE REMOVAL.  
4" x 2" Sawn joint with elastic jt. filler - Full width - See special provisions.



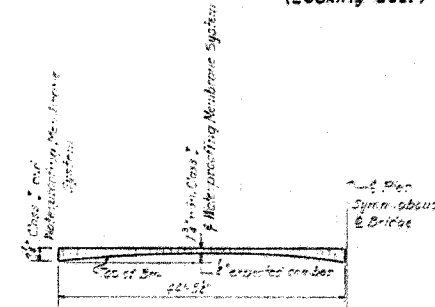
STAGE I CONSTRUCTION  
(Looking East)



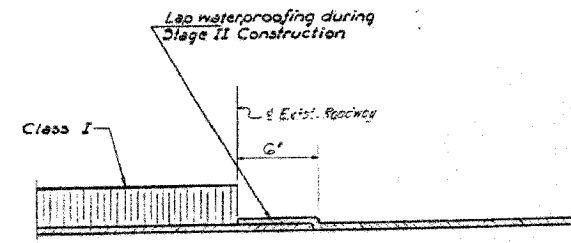
STAGE II CONSTRUCTION  
(Looking East)



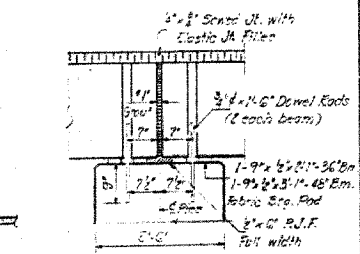
SECTION THRU ABUT.



CAMBER DIAGRAM



WATERPROOFING TREATMENT



SEC. THRU PIER

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

DESIGNED <i>L. J. M. G.</i>	EXAMINED <i>March 30 1971</i>
CHECKED <i>J. I. Gonulsen</i>	PASSED <i>Carl E. Thompson</i>
DRAWN <i>L. B. Carbonell</i>	APPROVED
CHECKED <i>J. I. G.</i>	

FOR INFORMATION ONLY

PLOT DATE = 8/27/06  
FILE NAME = 8/27/06  
PLOT SCALE = 1/8"=1'-0"  
REFERENCE = REF  
DEVISION = 000000

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  
REGISTERED PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-0000000  
PROFESSIONAL ENGINEERING COMPANY  
6311 783-8881, 6311 783-8877, 6311 783-8878  
www.greenebro.com

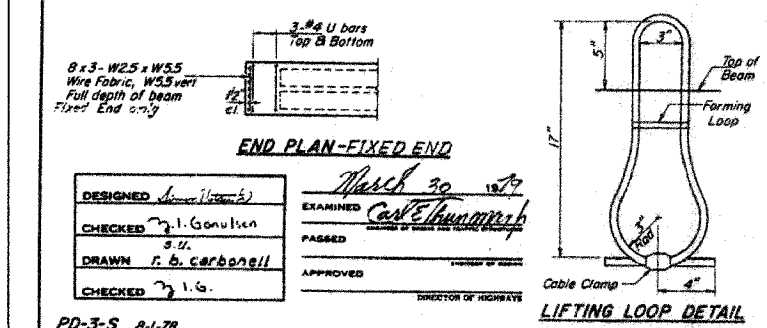
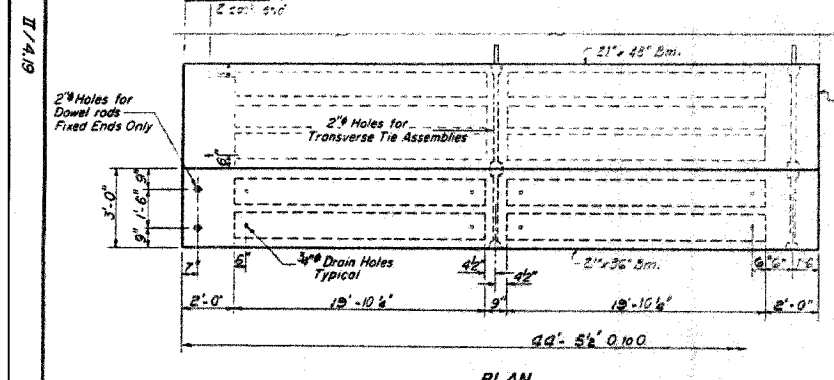
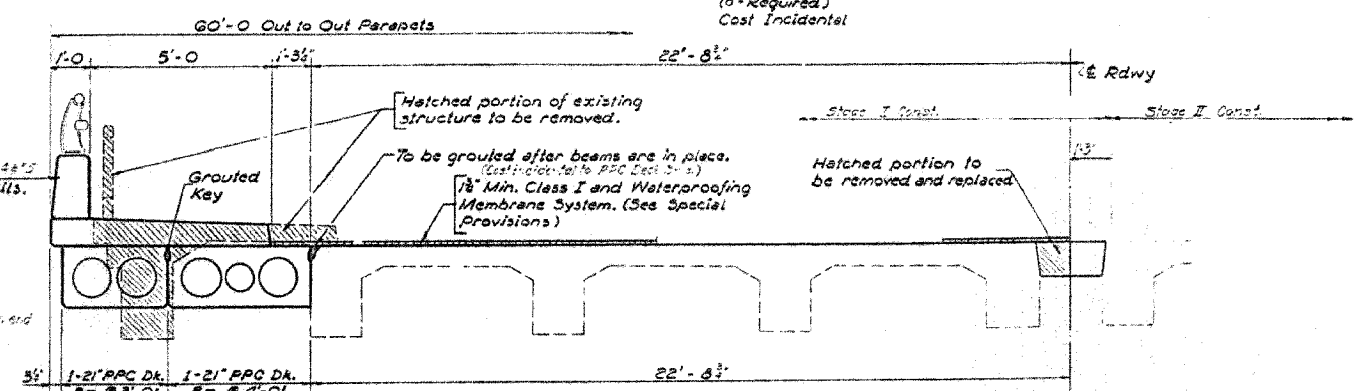
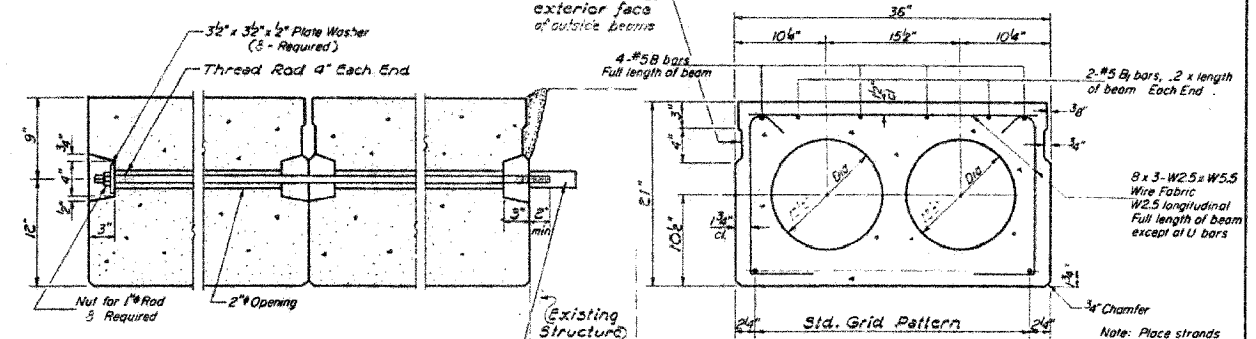
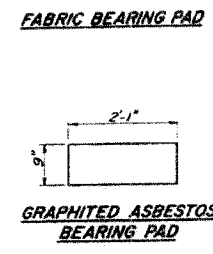
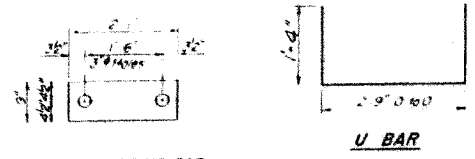
COMPUTER FILE NO. D10800EPLN  
PROJECT 05198  
2/27/06-MDS

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		

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	49

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



DESIGNED	<i>James [Signature]</i>	EXAMINED	<i>March 30 1972</i>
CHECKED	<i>J. I. Goulet</i>	PASSED	<i>Carl E. [Signature]</i>
DRAWN	<i>r. b. carbonell</i>	APPROVED	<i>[Signature]</i>
CHECKED	<i>J. I. G.</i>		

PD-3-S 8-1-78

**BILL OF MATERIAL**

Bar	No	Size	Length	Shape
Precast Prestressed Concrete Deck Beams (21' x 56")	Sq Ft	534		

**NOTES**

Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand, Grade 270. The nominal diameter shall be 7/8" and the nominal cross-sectional area shall be 0.153 sq. in. Lifting loops shall be 3/4" diameter, 6 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 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 substructure 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."

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

**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.  
OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
PROFESSIONAL DESIGN FIRM NO. 0618007  
1010 N. 44th St., Springfield, IL 62761-2000

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

**EXISTING BRIDGE PLANS**

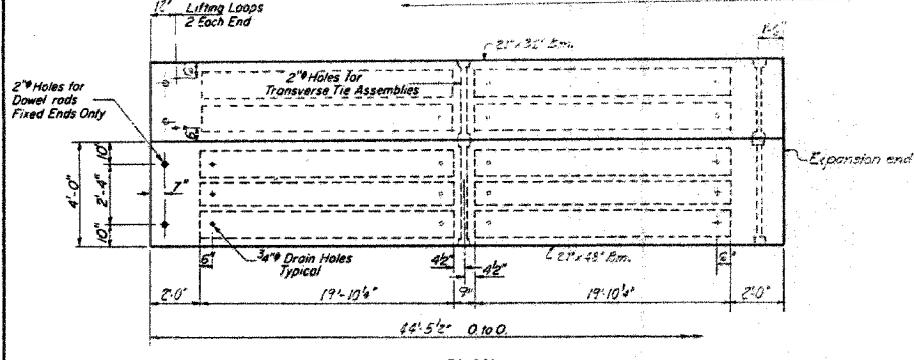
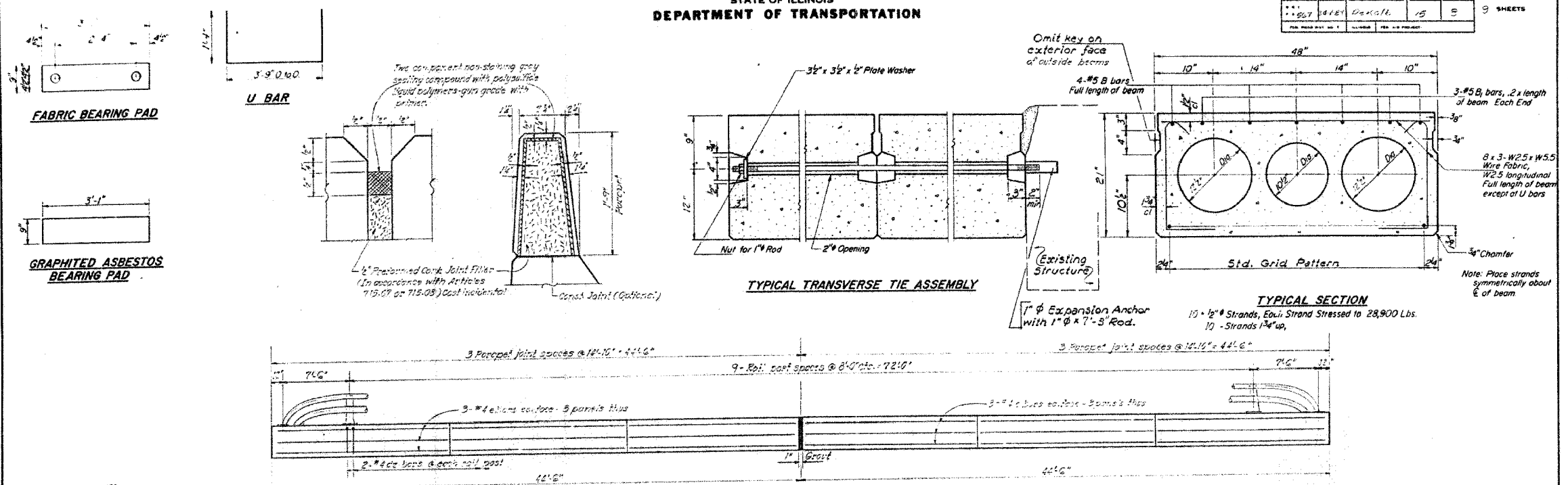
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FILE NAME = 8/FILE14  
PLT SCALE = 8/SCALE1  
OPERATOR = 8/OPER1

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		

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

SHEET NO. 4  
9 SHEETS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ELEVATION PARAPET & RAILING

Notes:  
Quantity of Class X Concrete or Reinforcement bars of parapet is included with superstructure Sheet #5.  
For Aluminum handrail details see sheet #6.

BAR d2

BILL OF MATERIAL

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

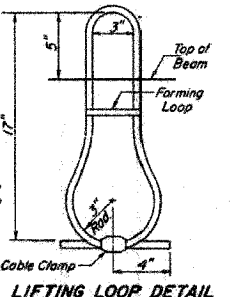
NOTES

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 3/8" diameter, 6 x 25 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 33,000 lbs. The 1/2" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Packets 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."

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

DESIGNED	March 30, 1979
CHECKED	Carl E. Schumacher
DRAWN	R. D. Carbonell
CHECKED	J. I. G.



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. D10800EPLN  
PROJECT: 05198  
2/27/06-MDS

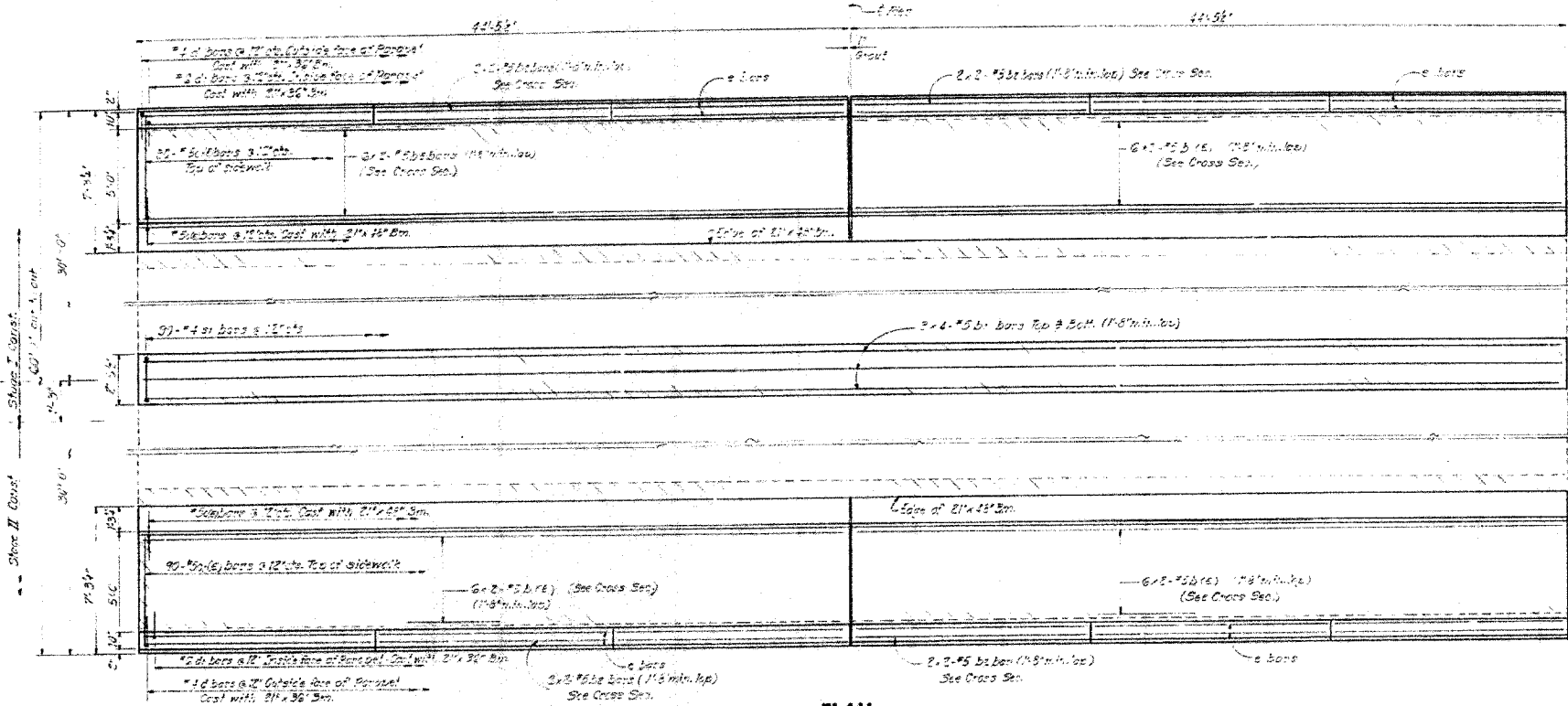
EXISTING BRIDGE PLANS

PLLOT DATE = 8/07/06  
FILE NAME = 8/FILES/8  
PLOT SCALE = 8/07/06  
OPERATOR = 8/07/06

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	51
SHEET NO. 5				
9 SHEETS				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



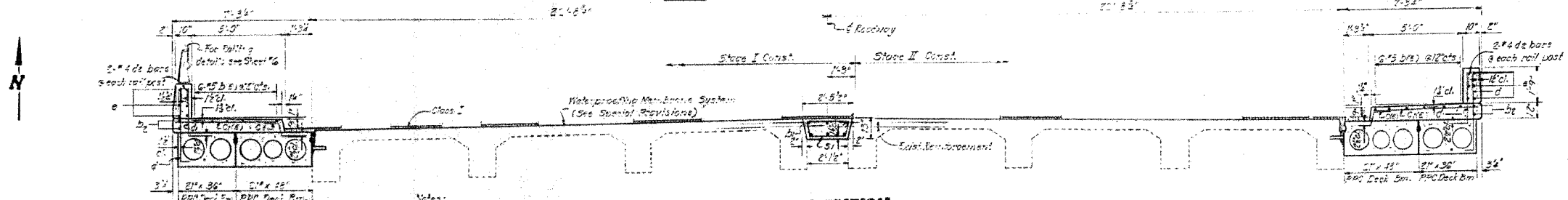
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
b1(e)	62	#3	23'-0"	
b2	24	#3	23'-0"	
b3	16	#3	23'-0"	
c1(e)	180	#5	5'-9"	
d1	40	#2	5'-0"	11
e	22	#2	14'-9"	
f1	90	#4	6'-2"	19

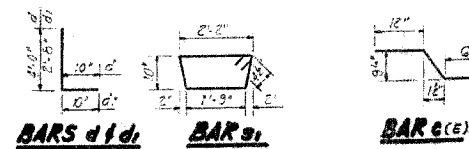
Concrete Removal	Cu.Yd.	62
Class X Concrete	Cu.Yd.	50.3
Reinforcement Bars	Pounds	1210
Reinforcing Bars (incl. Cast)	Pounds	1260

**PLAN**



**CROSS SECTION**  
(Looking East)

Notes:  
Noted area indicates Concrete Removal.  
Reinforcement bars designated (E) shall be epoxy coated. See Special Provisions.  
Bars indicated as #4-#5 etc. indicates 3 lines of bars with 4 lengths per line.  
Reinforcement extending into removed area shall be checked and incorporated into the new construction.



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

DESIGNED	<i>[Signature]</i>	EXAMINED	<i>[Signature]</i>
CHECKED	<i>[Signature]</i>	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

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

**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
1000 N. WASHINGTON ST., SUITE 200  
SPRINGFIELD, ILLINOIS 62760  
PROFESSIONAL ENGINEERS  
001798-0001, 001798-0002, 001798-0003, 001798-0004, 001798-0005, 001798-0006, 001798-0007, 001798-0008, 001798-0009, 001798-0010, 001798-0011, 001798-0012, 001798-0013, 001798-0014, 001798-0015, 001798-0016, 001798-0017, 001798-0018, 001798-0019, 001798-0020, 001798-0021, 001798-0022, 001798-0023, 001798-0024, 001798-0025, 001798-0026, 001798-0027, 001798-0028, 001798-0029, 001798-0030, 001798-0031, 001798-0032, 001798-0033, 001798-0034, 001798-0035, 001798-0036, 001798-0037, 001798-0038, 001798-0039, 001798-0040, 001798-0041, 001798-0042, 001798-0043, 001798-0044, 001798-0045, 001798-0046, 001798-0047, 001798-0048, 001798-0049, 001798-0050, 001798-0051, 001798-0052, 001798-0053, 001798-0054, 001798-0055, 001798-0056, 001798-0057, 001798-0058, 001798-0059, 001798-0060, 001798-0061, 001798-0062, 001798-0063, 001798-0064, 001798-0065, 001798-0066, 001798-0067, 001798-0068, 001798-0069, 001798-0070, 001798-0071, 001798-0072, 001798-0073, 001798-0074, 001798-0075, 001798-0076, 001798-0077, 001798-0078, 001798-0079, 001798-0080, 001798-0081, 001798-0082, 001798-0083, 001798-0084, 001798-0085, 001798-0086, 001798-0087, 001798-0088, 001798-0089, 001798-0090, 001798-0091, 001798-0092, 001798-0093, 001798-0094, 001798-0095, 001798-0096, 001798-0097, 001798-0098, 001798-0099, 001798-0100

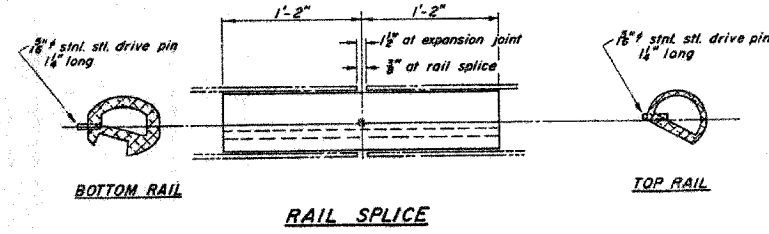
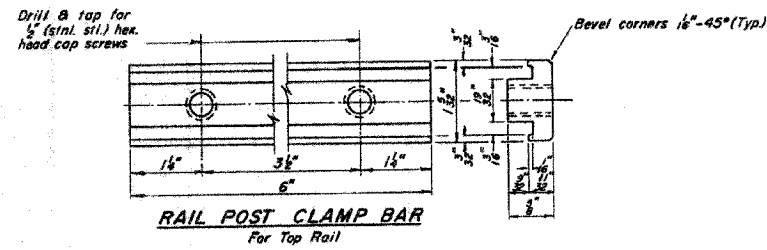
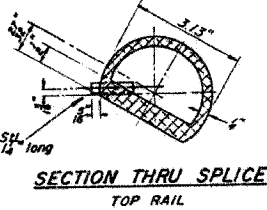
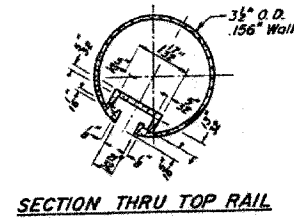
**EXISTING BRIDGE PLANS**

PLOT DATE = 03/07/06  
PLOT NAME = BRIDGE  
PLOT SCALE = 1/8\"/>

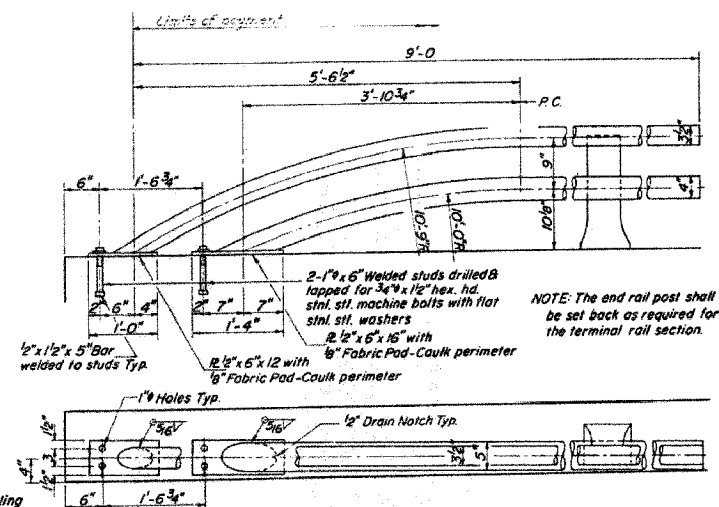
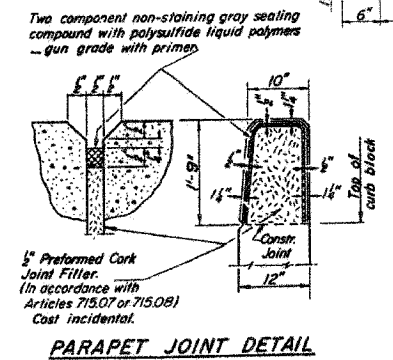
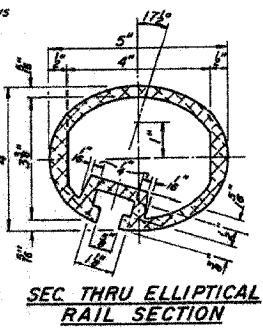
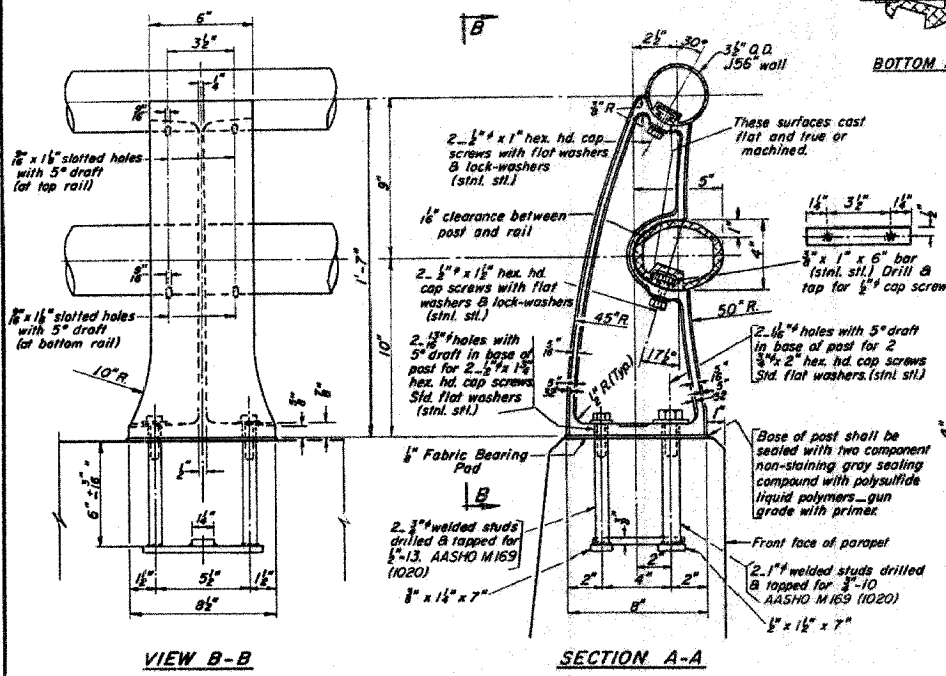
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	34X-BR	DEKALB	90	52



**NOTES:**  
 All Posts shall be normal to parapet.  
 All Aluminum Alloy Extruded Rail shall be supplied in modular lengths of 30 feet, except at the end of bridge or over open joints in bridge deck where the rail shall be attached to a minimum of 2 posts. If the rail is on a horizontal curve of 2300 foot radius or less, the modular lengths may be reduced but shall be attached to a minimum of 2 posts.  
 All joints in rail shall be spliced per detail.  
 Provide 1-1/8" and 2-1/8" Aluminum Shims for 25% of the Posts.  
 Rail elements shall be parallel to Grade - high spots shall be ground and low spots shimmed.  
 Railing shall be in accordance with Section 508 of the Standard Specifications, except as noted, and shall be paid for at the contract unit price per linear foot for ALUMINUM RAILING, TYPE L.  
 Aluminum alloy rail shall conform to ASTM B 221 alloy 6061-T6 or 6351-T5 with min. yield 35 ksi, min. tensile 38 ksi, and elongation of 10% in 2 inches.



**BILL of MATERIALS**

Item	Unit	Quantity
ALUMINUM RAILING, TYPE L	Lin. Ft.	174

**TYPE L  
ALUMINUM RAILING  
F.A.R.T. 567 SEC. 34-X-BY  
DEKALB COUNTY  
STA. 141+02.40**

**RAIL POST DETAILS**

DESIGNED S.V.	EXAMINED <i>March 20 1977</i>
CHECKED <i>I.G.</i>	PASSED
DRAWN S.V.	APPROVED
CHECKED <i>I.G.</i>	

R-20 4-15-73

**FOR INFORMATION ONLY**

PLOT DATE: 4-15-73  
 FILE NAME: 64583-52  
 PLOT SCALE: 1/8" = 1'-0"  
 REFERENCE: 64583-52  
 DRAWN BY: S.V.

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: BOIT

GREENE & BRADFORD, INC.  
 CONSULTING ENGINEERS  
 1000 N. WASHINGTON ST.  
 DEKALB, ILL. 62521

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

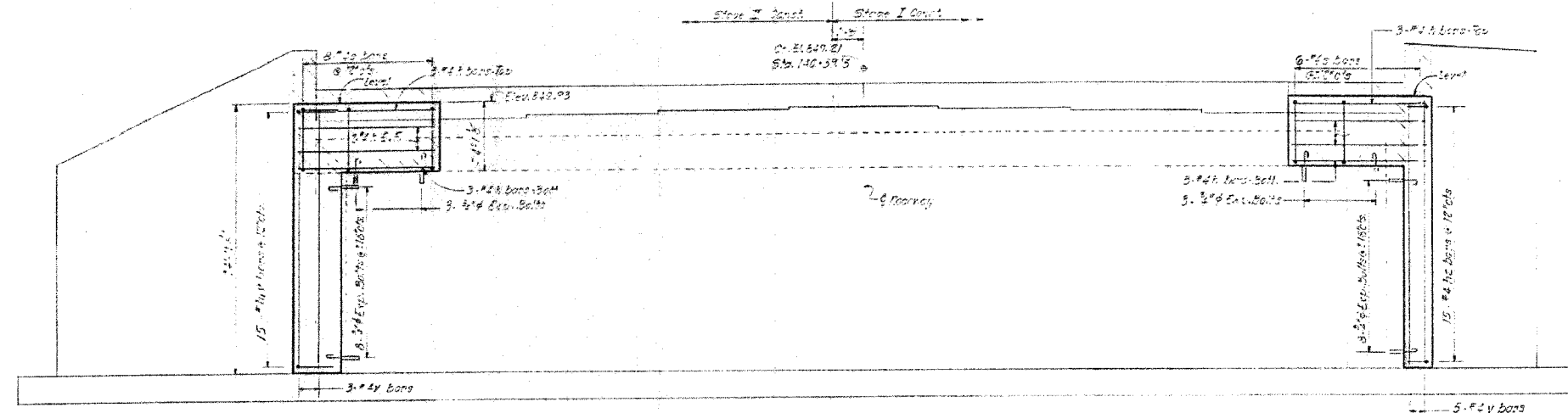
**EXISTING BRIDGE PLANS**

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	

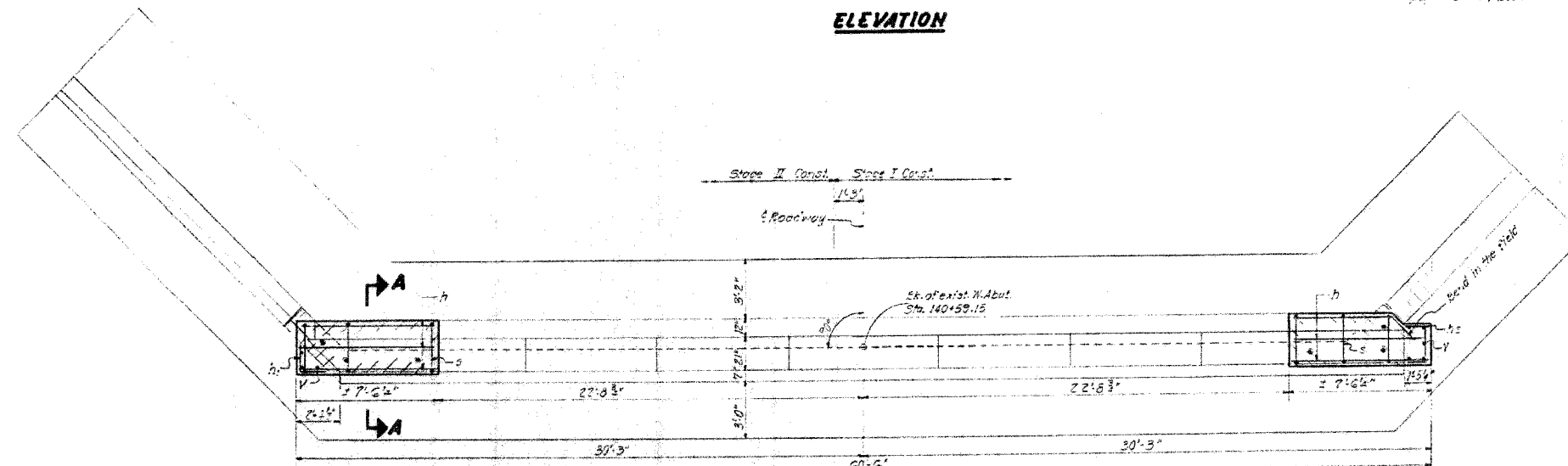
DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	53

SHEET NO. 7  
9 SHEETS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

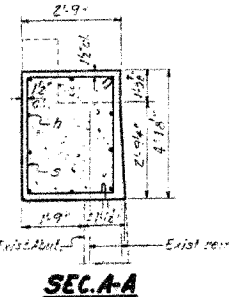
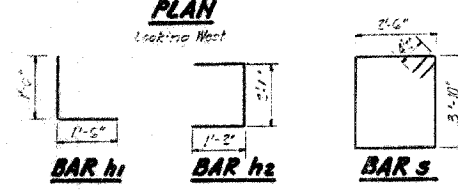


**ELEVATION**



**PLAN**  
Looking West

Notes:  
Hatched areas indicate Concrete Removal.  
Reinforcement extending into removed area shall be cleaned and incorporated into the new concrete.  
All angles shall have standard 45-degree unless otherwise noted.  
Expansion bolts shall be anchored in sound concrete.



**SEC. A-A**

**BILL OF MATERIAL**

Item	No.	Size	Length	Shape
h	20	#4	7'-5"	—
h1	5	#2	3'-0"	—
h2	15	#2	4'-5"	—
s	10	#2	13'-0"	□
v	8	#4	14'-0"	—
Concrete Removal				Cu. Yd. 5
Class I Concrete				Cu. Yd. 6.2
Reinforcement Bars				Permt' 380
Expansion Bolts (#4)				Each 22

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

DESIGNED	<i>[Signature]</i>	EXAMINED	<i>March 30 1977</i>
CHECKED	<i>[Signature]</i>	PASSED	<i>[Signature]</i>
DRAWN	S.U.	APPROVED	
CHECKED	<i>[Signature]</i>		

**FOR INFORMATION ONLY**

PLOT NOTE = #0025  
FILE NAME = #FILEL5  
PLOT SCALE = #SCALE5  
REFERENCE = #REF5  
OPERATION = #0055

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  
CONSULTING ENGINEERS  
300 WESTERN BLVD.  
SPRINGFIELD, ILLINOIS 62767  
PHONE: 217-244-2222 FAX: 217-244-2223  
12170 B&B, 12170 T&B, 12170 P&E MAIL: 12170@GREENEANDBRADFORD.COM

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

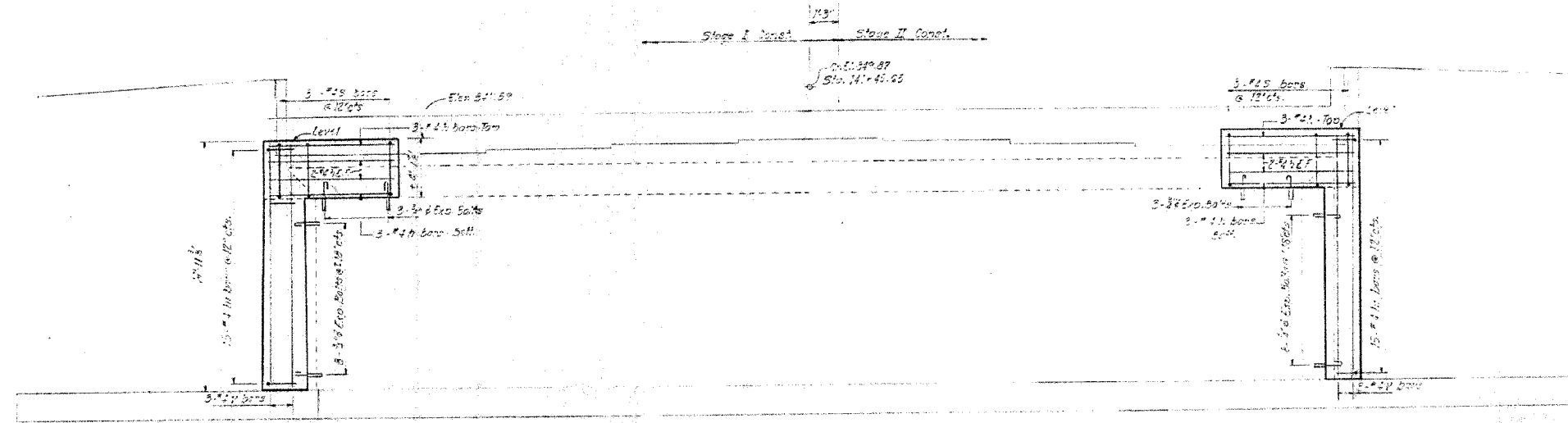
**EXISTING BRIDGE PLANS**

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

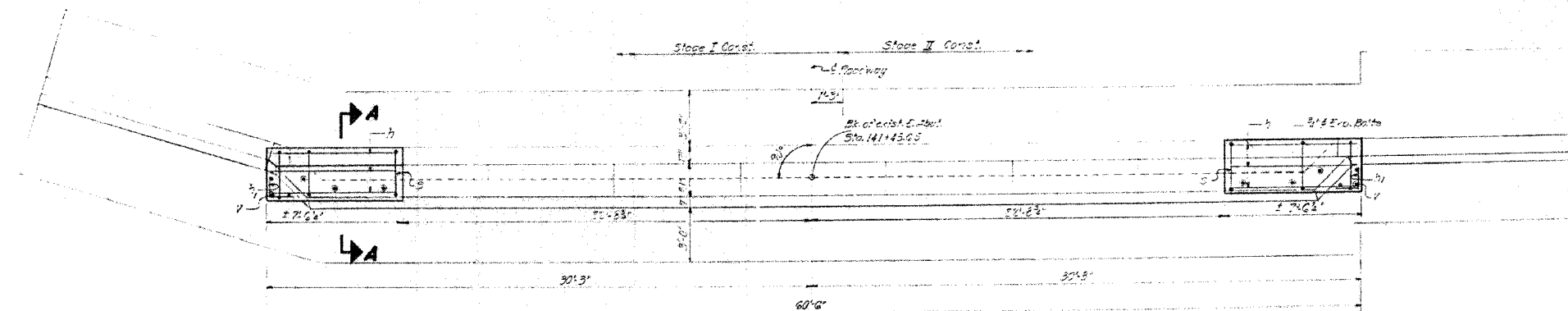
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE	BY	REVISION	NO.	DESCRIPTION
12/12/06	WAL	1	12	

SHEET NO. 5  
9 SHEETS



**ELEVATION**

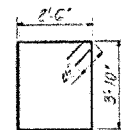


**PLAN**  
(Looking East)

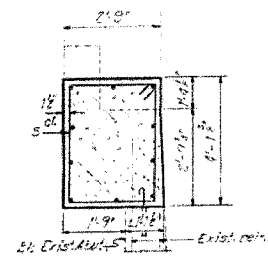
Note:  
Hatched areas indicate Concrete Removal.  
All edges shall have standard chamfers unless otherwise noted.  
Reinforcement extending into removed area shall be cleaned and incorporated into the new construction.  
Expansion bolts shall be anchored in sound concrete.



**BAR #1**



**BAR #2**



**SECTION A-A**

**BILL OF MATERIAL**

Bar	No.	Size	Length	SA's
1	20	#4	17.5'	
2	30	#4	31.0'	
3	10	#4	13.5'	
4	6	#4	14.9'	
Concrete Removal				
Class X Concrete	Cu Yd	5		
Reinforcement Bars	Lbs	560		
Expansion Bolts (#4)	Each	22		

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

DESIGNED	<i>J. J. [Signature]</i>	EXAMINED	<i>Mark [Signature]</i> 10/19/06
CHECKED	<i>J. J. [Signature]</i>	PASSED	
DRAWN	<i>S. G.</i>	APPROVED	
CHECKED	<i>J. G.</i>		

**FOR INFORMATION ONLY**

PLOT DATE = 8/21/06  
FILE NAME = 8/21/06  
PLOT SCALE = 1/8"=1'-0"  
REFERENCE = BRP  
OPERATOR = RUSSEN

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.  
D10800EPLN  
PROJECT 05198  
2/27/06-MDS

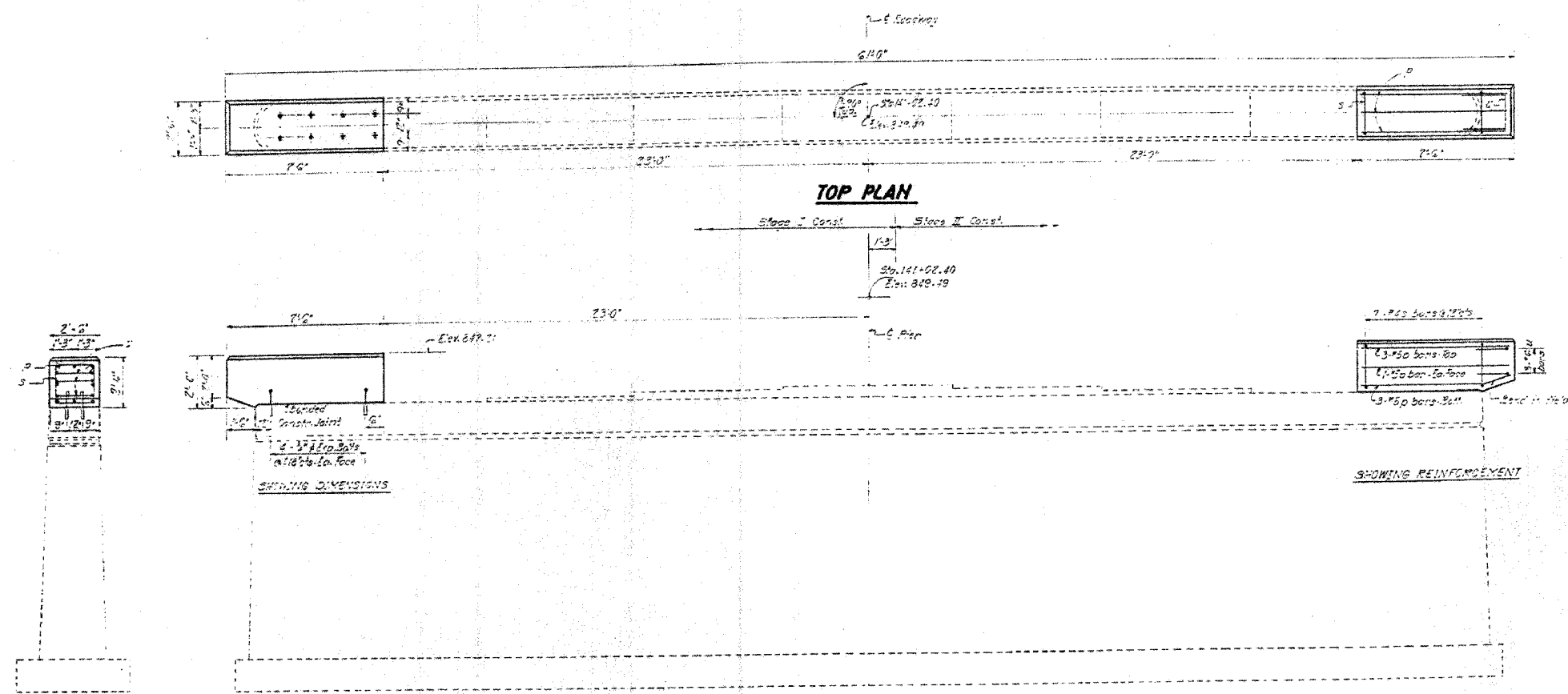
**EXISTING BRIDGE PLANS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	55

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

DATE	BY	CHKD BY	DATE	BY	DATE
2/24/06	W.H.B.	D.K.H.	15	13	9

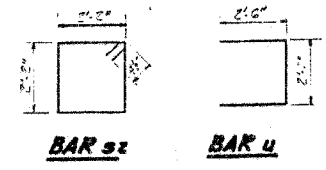
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**BILL OF MATERIAL**

Bar	No.	Size	Length	Sh. wt.
Ø	16	#5	7.5'	
Ø	16	#4	0.5'	
U	6	#6	7.1'	
Class X Concrete		Cu. Yd.	2.6	
Reinforcement Bars		Wt. Lbs.	278	
Expansion Bars (3#)		Each	16	

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



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

DESIGNED	W.H.B.	EXAMINED	March 20 1977 C.H. Thompson
CHECKED	J.L. Gaultner	PASSED	
DRAWN	S.V.	APPROVED	
CHECKED	J.L.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.      DRAWN BY SUTHEARD  
HORIZ.              CHECKED BY BOIT  
DATE 2/24/06

**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL SERVICE CORPORATION  
107-109 BROADWAY, SUITE 100, SPRINGFIELD, ILLINOIS 62761-1000  
TEL: 217-223-1100 FAX: 217-223-1101

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

**EXISTING BRIDGE PLANS**

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FILE NAME = #FILE#  
PLOT SCALE = #SCALE#  
REFERENCE = #REF#  
OPERATOR = #USERS



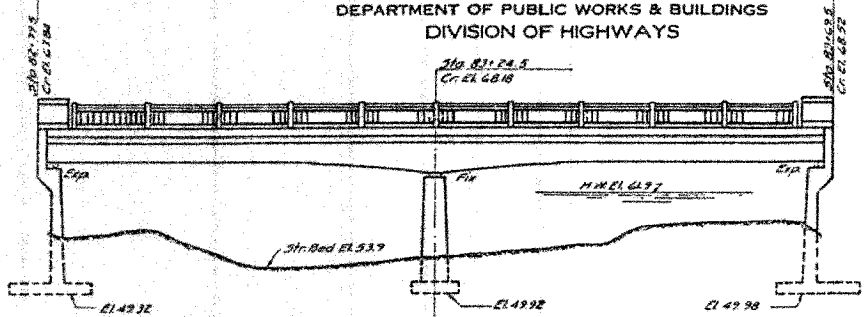


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

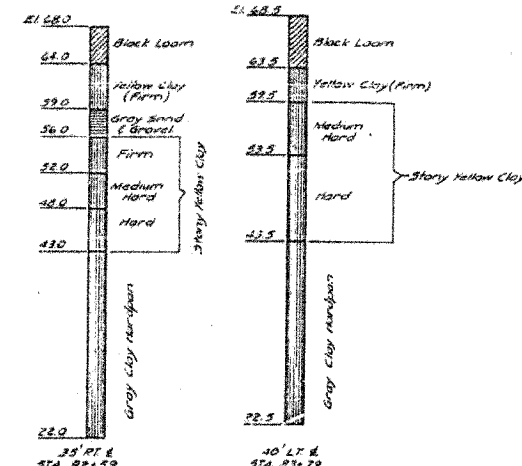
DATE	BY	NO.	DATE	BY	NO.
6-24-57	DEKALB	13	5		

Top of South Abut on base of West Latt Post on Gas Pump Island Sta. 83+13. Elev. 70.92 equals Elev. 65.13 U.S.G.S. Datum. Existing Structure: 17x33 span 18 ft. - 18 ft. on Stone Masonry Substructure to be removed by the Contractor. The steel is to be salvaged and stored on City property at the intersection of Pearl & Ann Streets, two blocks from Bridge Site. Stone masonry of West Abutment to be salvaged for re-erection. See Special Provisions.

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



GENERAL ELEVATION  
Scale 1/8"=1'-0"



BORING DATA  
Boring Data are shown on the Plans only as a guide to bidders in estimating soil conditions which may be encountered in the work.

GENERAL NOTES

Class X Concrete shall be used throughout except as noted.  
Handrail Concrete shall be used in Concrete Rail Posts.  
Class A Concrete shall be used in Pier.  
Reinforcing Bars shall be placed on each side of Centerline Joint shall be placed in one continuous operation.  
The Reinforcing on one side of the Centerline Joint shall not be removed until after the Concrete is poured on the other side of the Joint.  
The Floor slab shall be finished in accordance with Art. 4.31(e) of the Standard Specifications.  
Wall, Ceiling & Floor Slab and Anchor bolts shall be furnished, painted and set in accordance with Art. 34.3(a) of the Standard Specifications, and are included in payment as structural steel.  
Metal Handrail and structural steel shall be painted one shop coat of red lead paint and two field coats of Aluminum paint.  
Exposed portion of floor drains shall be painted two field coats of Aluminum paint.  
All paint shall be furnished by the Contractor.

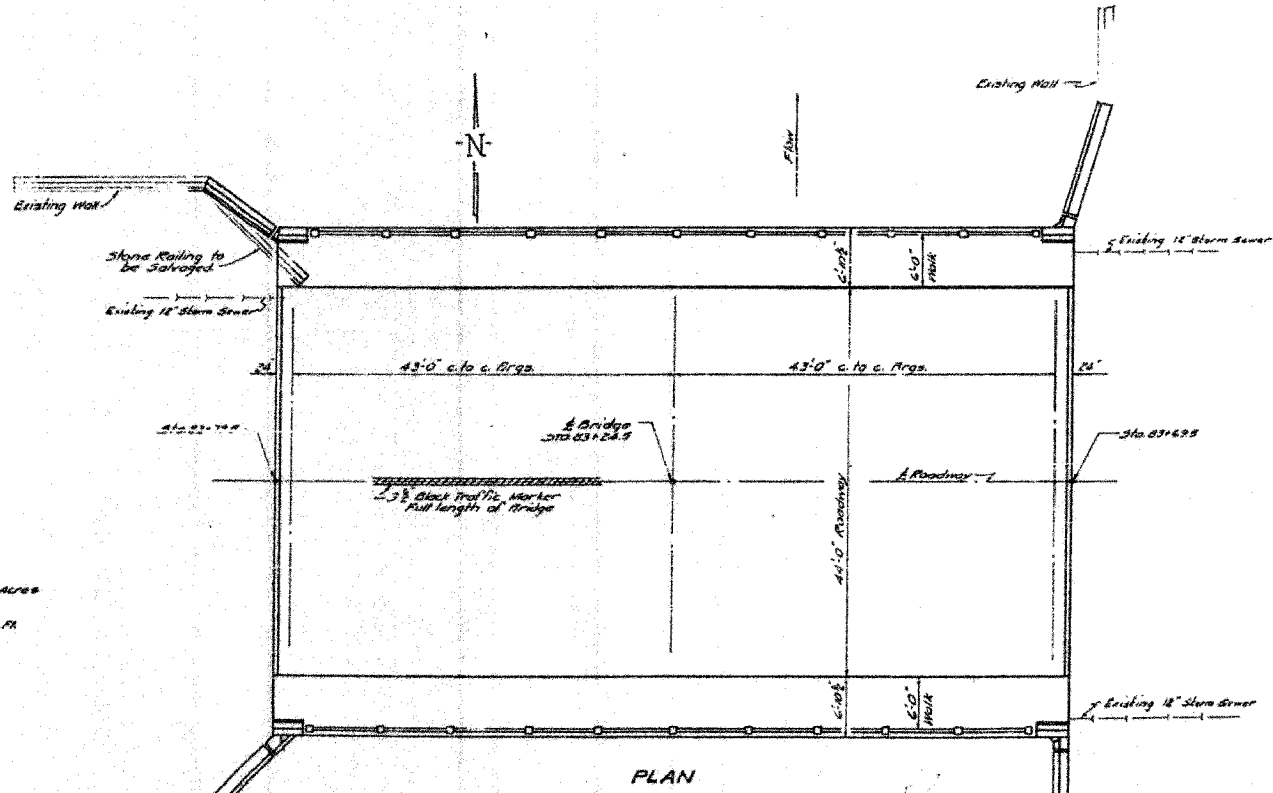
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPERSTR.	ABUTTS.	PIER	TOTAL
Class X Concrete	Cu Yds.	245.5	237.8		483.3
Handrail Concrete	Cu Yds.		2.3		2.3
Class A Concrete	Cu Yds.			23.8	23.8
Reinforcement Bars	Lbs.	60030	19430	3650	83110
Structural Steel	Lbs.	6310			6310
Floor Drains	Each	20			20
Removal of Existing Structure	Each				One
Metal Handrail	Lin. Ft.	163			163
Stone Railing					Lump Sum
Reconstruction of 18" storm sewers	Each				5
Temporary Bridge					Lump Sum
Home Plate	Each	1			1

DESIGN STRESSES  
f<sub>s</sub> = 20,000%  
f<sub>c</sub> Super = 1200% (13.50% @ supports)  
f<sub>c</sub> = 800% Substr.  
n = 10

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

WATERWAY DATA  
Drainage Area ----- 49,000 Acres  
Character ----- Level  
Opening Provided below N.M. ----- 175 sq. ft.  
Equivalent to C = 0.145 (7000)



PLAN



DEAD LOAD DEFLECTION DIAGRAM

COMPUTED	MANU R. M. M.	EXAMINED	
CHECKED	R. H. Smith	PASSED	
DRAWN	R. P. B. alvinn	APPROVED	
CHECKED	R. L. S.		
SPECIAL	ASSEMBLED		
	CHECKED		

FOR INFORMATION ONLY

PLOT DATE = #DATE#  
FILE NAME = #FILE#  
PLOT SCALE = #SCALE#  
REFERENCE = #REF#  
DRAWN BY = #DRAWER#

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

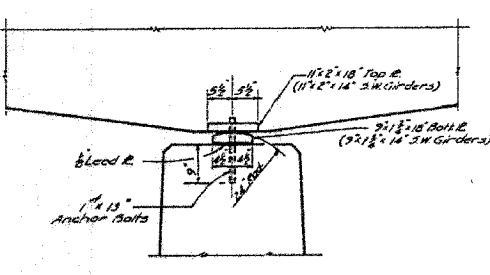
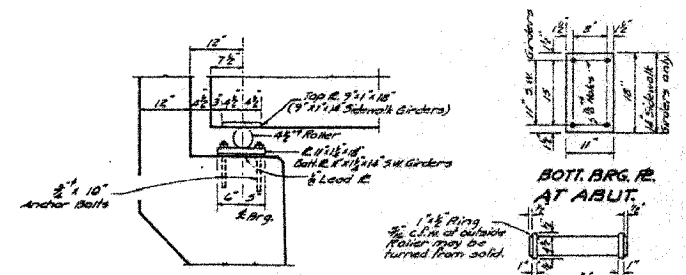
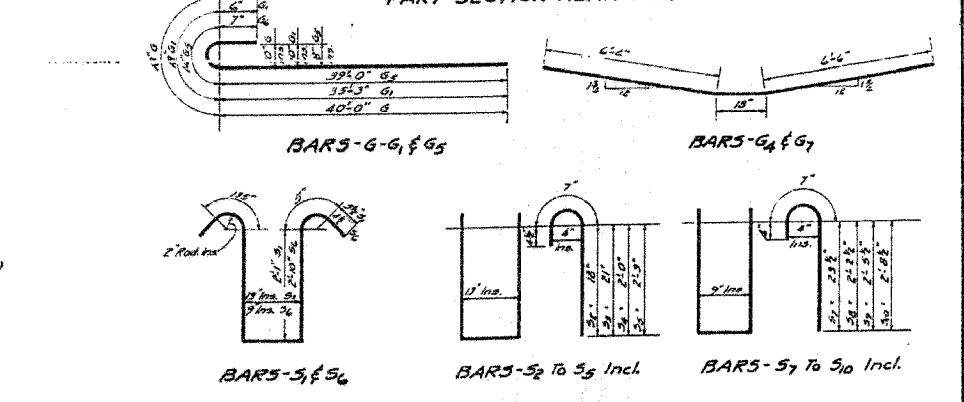
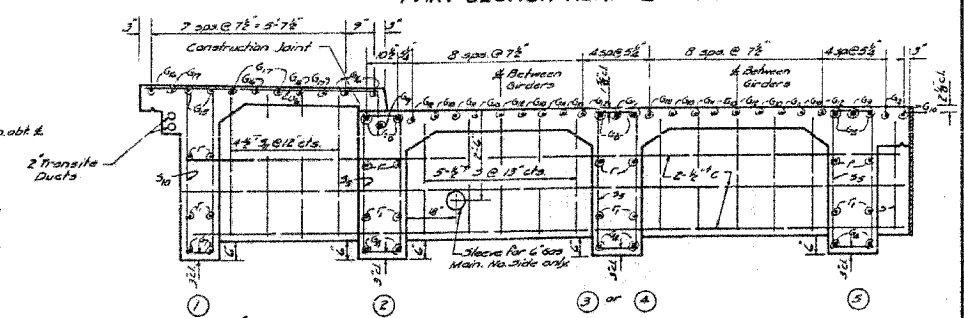
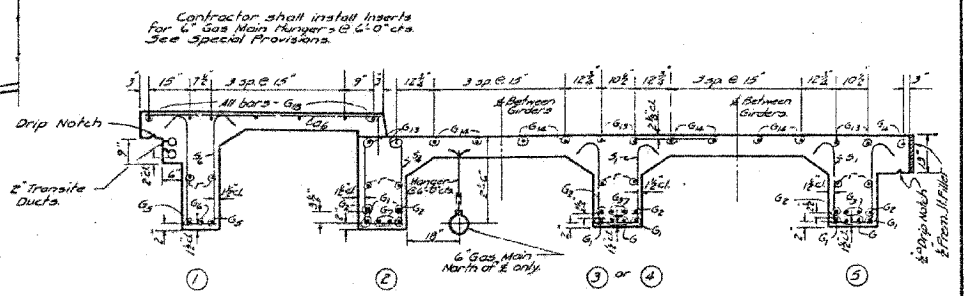
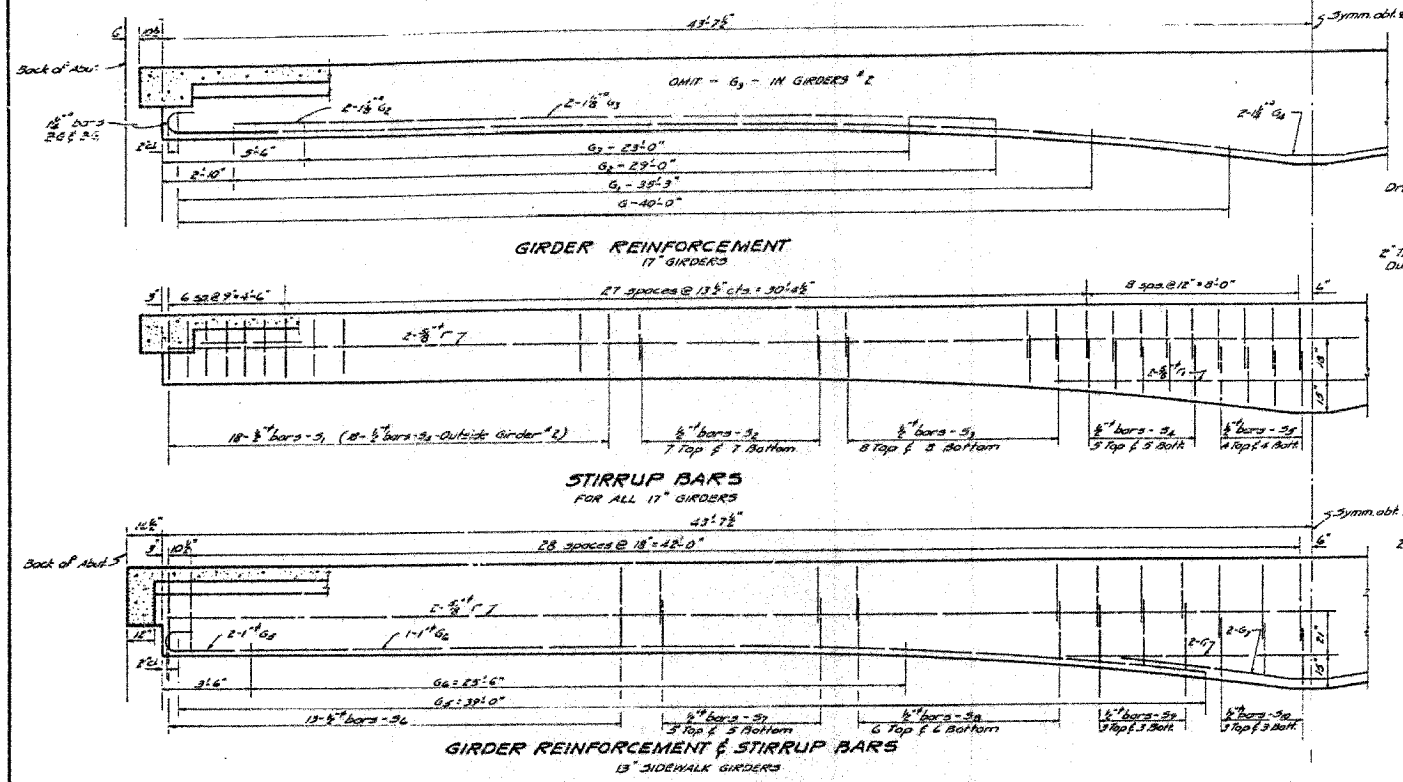
EXISTING BRIDGE PLANS



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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
34X-B	DEKALB	13	7
9 SHEETS			



COMPUTED	Checked	EXAMINED	
CHECKED	Checked	PASSED	
DRAWN	Checked	APPROVED	
CHECKED	Checked		
SPECIAL	ASSEMBLED		
	CHECKED		

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

FOR INFORMATION ONLY

PLOT DATE = 04/07/06  
FILE NAME = 04-07-06-01  
PLOT SCALE = 1/8" = 1'-0"  
OPERATOR = MUSA

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  
PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-0011  
PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-0011  
PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 021-0011

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

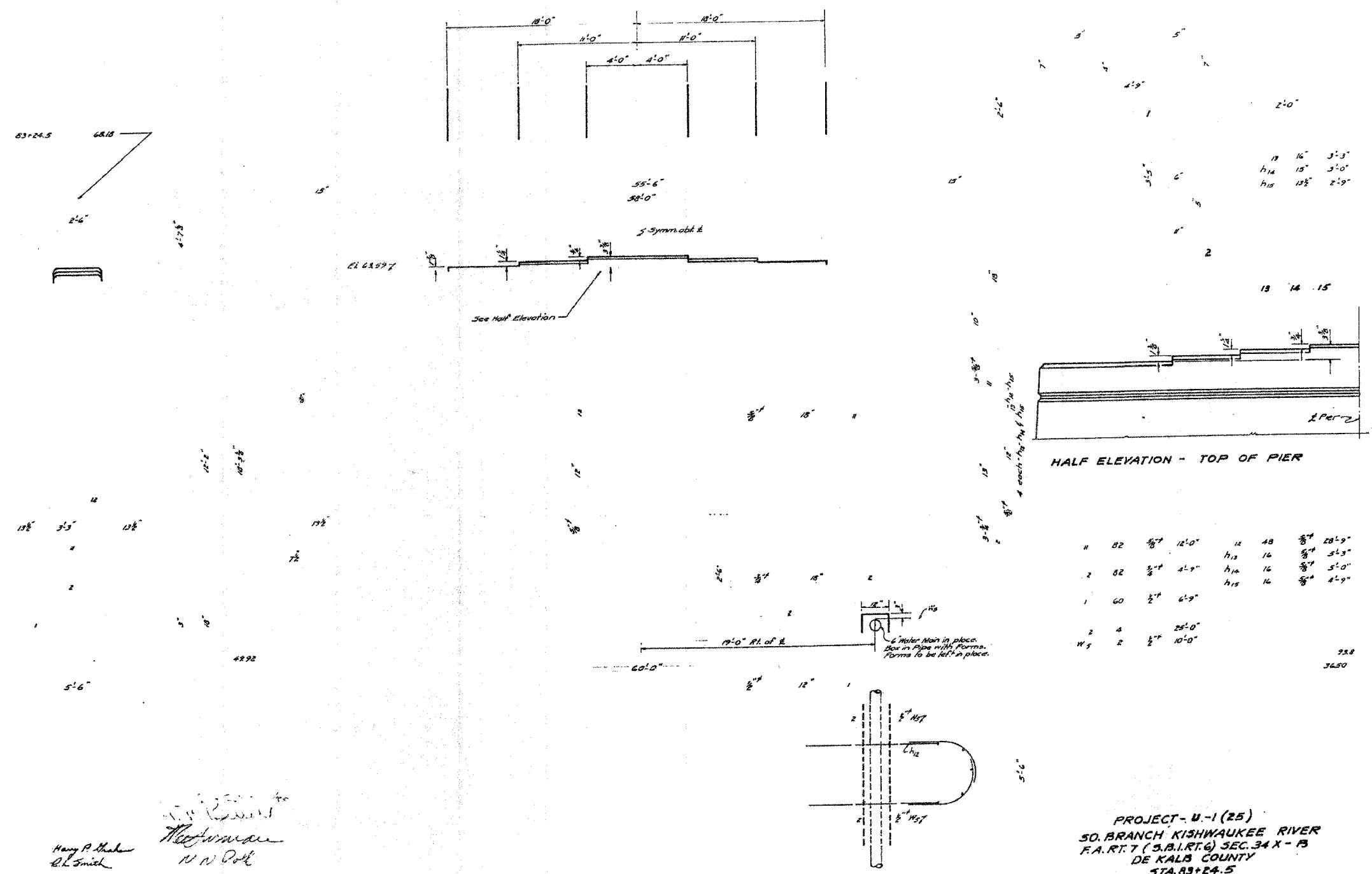
REVISIONS	
NAME	DATE

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-X-0 DEKALB 13 1 0



Approved to  
*Harry P. Thaler*  
*R.L. Smith*

*W. H. Powell*  
*W. N. Polk*

PROJECT - U-1 (25)  
 SO. BRANCH KISHWAUKEE RIVER  
 F.A. RTE. 7 (S.B.I.R.T.G) SEC. 34 X - B  
 DE KALB COUNTY  
 STA. 83+24.5  
 STANDARD 1933-A

**FOR INFORMATION ONLY**

PLOT DATE = 04/27/06  
 FILE NAME = 042706  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 04/27/06  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT DATE = 04/27/06  
 PLOT SCALE = 1/8"=1'-0"

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  
 REGISTERED PROFESSIONAL ENGINEERS  
 PROFESSIONAL ENGINEER NO. 001-001017  
 PROFESSIONAL SURVEYOR NO. 001-001017

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

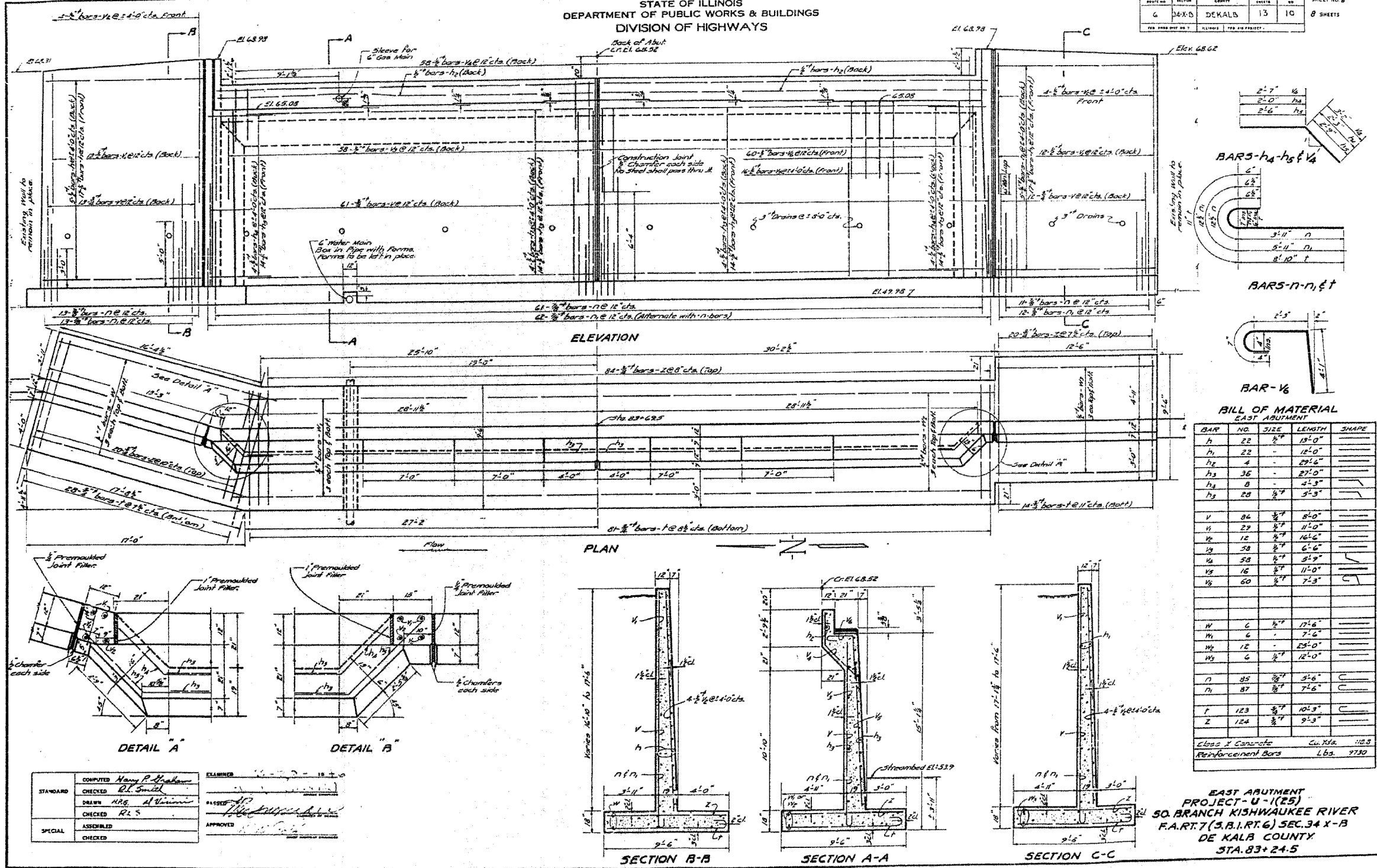
**EXISTING BRIDGE PLANS**

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

SECTION	QUANTITY	TOTAL FEET	PER SHEET
G 34-X-B	DEKALB	13	10

SHEET NO. 6  
8 SHEETS

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



**FOR INFORMATION ONLY**

PLOT DATE = 04/27/06  
FILE NAME = 05198.DWG  
PLOT SCALE = 1/8"=1'-0"  
PLOT DATE = 04/27/06  
OPERATOR = MJS

COMPUTED	Nancy P. Shaban	EXAMINED	[Signature]
CHECKED	D.L. Smith	DATE	10/20/05
DRAWN	MAB	APPROVED	[Signature]
CHECKED	R.L.S.	DATE	10/20/05
SPECIAL	ASSEMBLED	APPROVED	[Signature]
	CHECKED		

REVISIONS	
NAME	DATE

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. 1/8"=1'-0"  
DATE 2/24/06

DRAWN BY SUTHEARD  
CHECKED BY BOTT

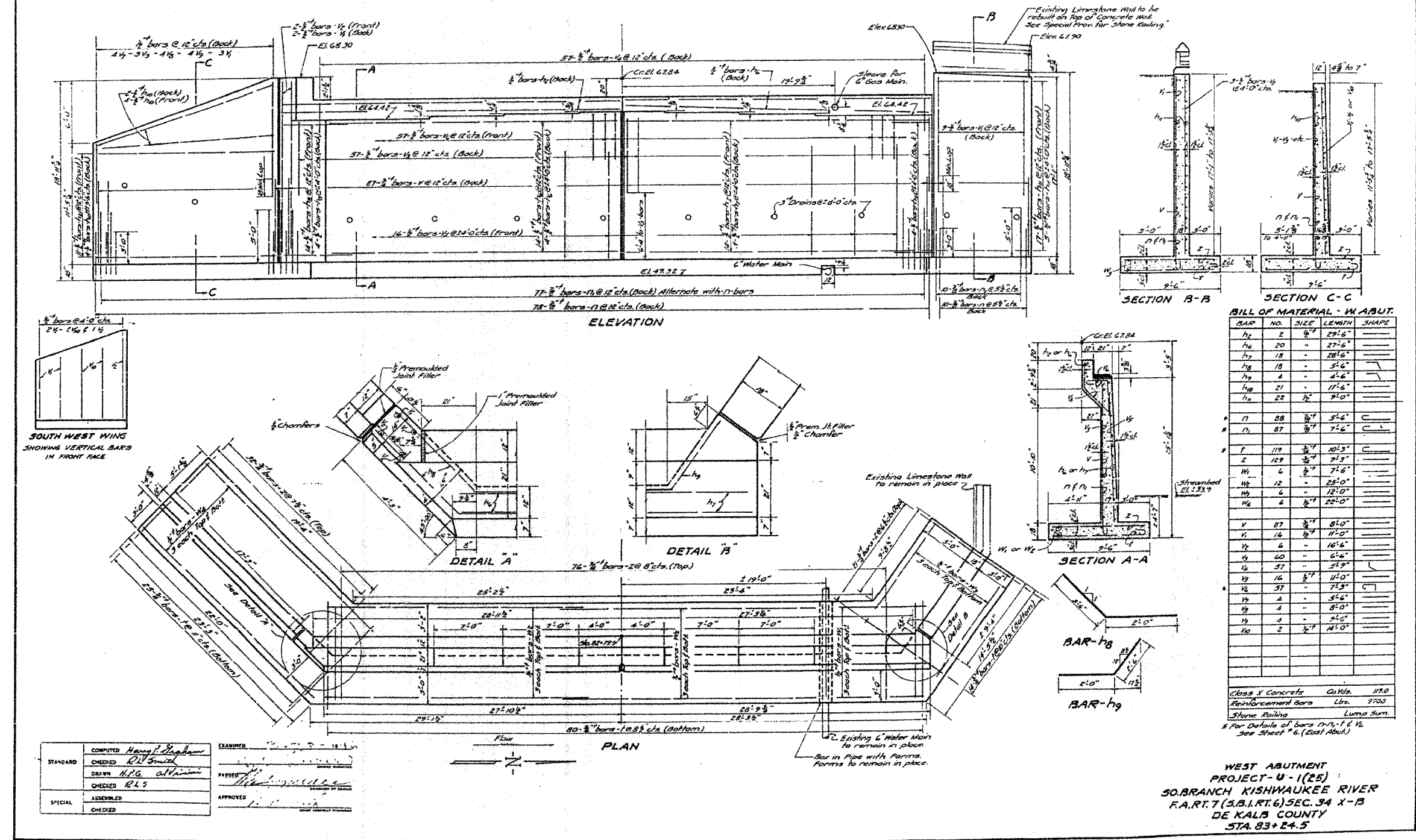
GREENE & BRADFORD, INC.  
OF SPRINGFIELD

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

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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6	34-X-B	DEKALB	13
SEE SHEET NO. 1		SEE SHEET NO. 11	



**BILL OF MATERIAL - W ABUT.**

BAR NO.	SIZE	LENGTH	SHAPE
12	2	29'-8"	
16	20	27'-6"	
17	18	28'-6"	
18	18	32'-6"	
19	4	4'-6"	
21	21	17'-6"	
22	22	22'-0"	
28	28	5'-6"	
29	29	7'-6"	
119	119	10'-3"	
129	129	21'-3"	
14	4	7'-6"	
12	4	25'-0"	
13	4	12'-0"	
14	4	22'-0"	
87	87	81'-0"	
16	16	11'-0"	
6	6	16'-6"	
60	60	6'-6"	
37	37	25'-0"	
16	16	11'-0"	
37	37	75'-3"	
4	4	5'-6"	
4	4	8'-0"	
4	4	2'-6"	
2	2	11'-0"	

Class X Concrete Cu Wts. 117.0  
Reinforcement Bars Lbs. 9700  
Stone Paving Lump Sum

\* For Details of bars 12-11, 1 & 1/2 See Sheet # 6. (East Abut.)

**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

GREENE & BRADFORD, INC.  
CONSULTING ENGINEERS  
1000 N. WASHINGTON ST., SUITE 200  
SPRINGFIELD, ILLINOIS 62702  
PROFESSIONAL ENGINEER LICENSE NO. 000000000  
OPERATIONAL & TECHNICAL SERVICES CORPORATION  
815 750 4000 1200 750 4000 FAX 815 750 4000

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

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FILE NAME = 05198  
PLOT SCALE = 1/8" = 1'-0"  
PLOT DATE = 04/06  
OPERATOR = MUSA

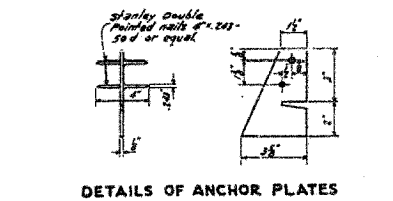
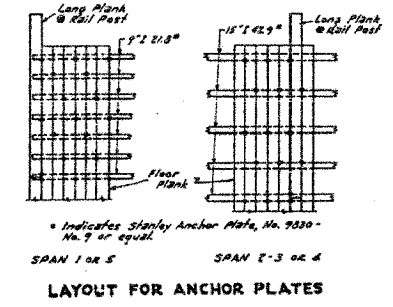
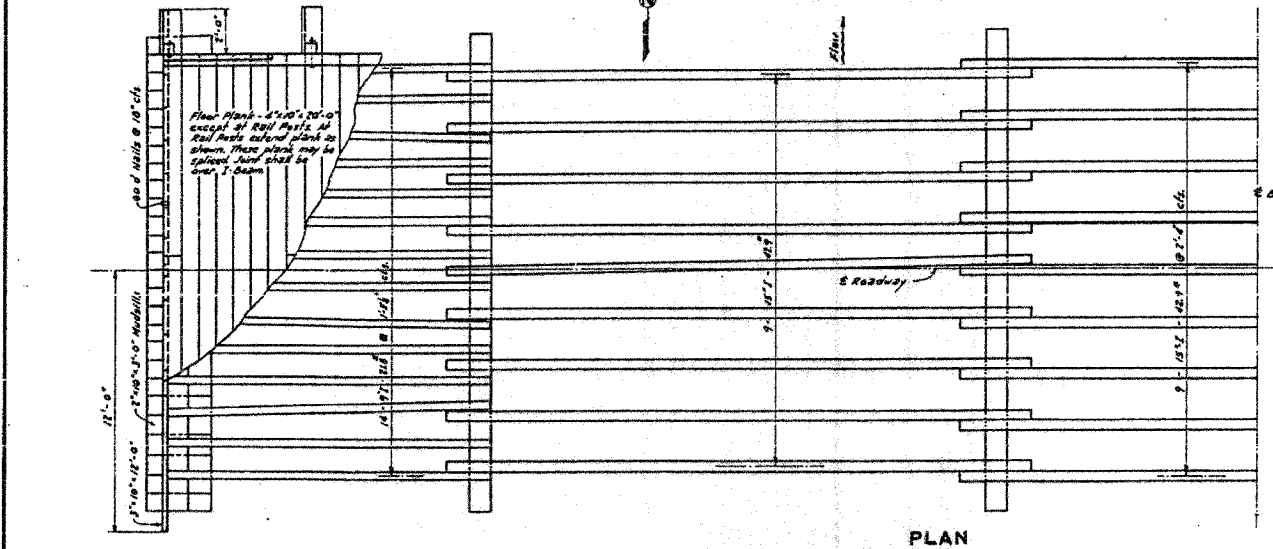
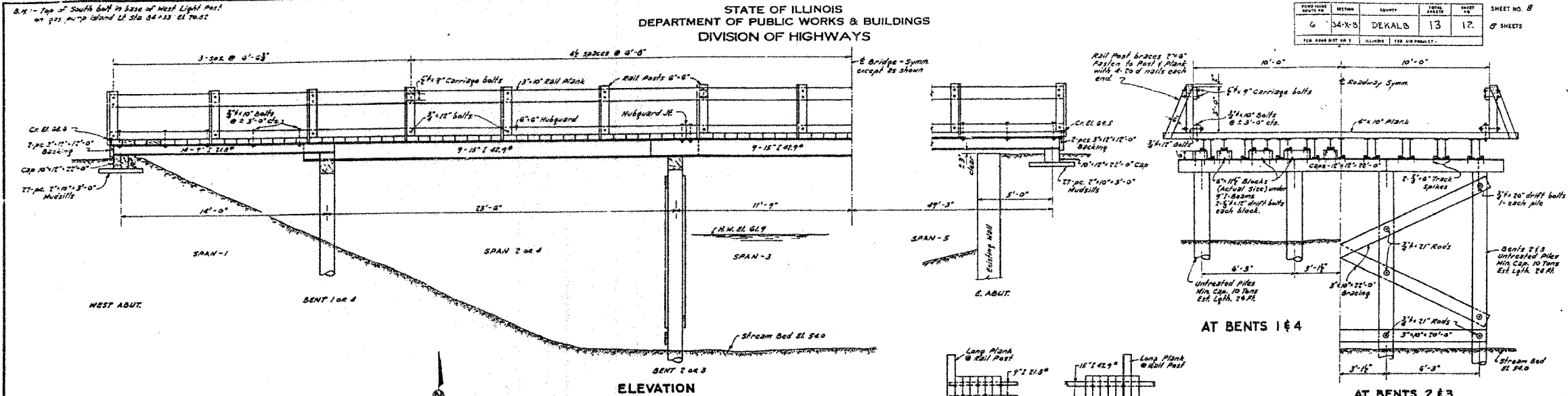
COMPUTED	Hans J. Schuman	EXAMINED	
CHECKED	D.W. Smith	PASSED	
DESIGN	H.P.G. Sullivan	APPROVED	
CHECKED	R.L.S.		
SPECIAL	ASSEMBLED		
	CHECKED		



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		

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

SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
6	34-X-B	DEKALB	13
SHEET NO.		TOTAL SHEETS	
17		90	



**BILL OF HARDWARE**

Item	No.	Size
Carriage Bolts	80	5/8" x 4"
Nut Bolts	32	5/8" x 12"
" "	80	5/8" x 12"
Drift Bolts	40	5/8" x 12"
" "	16	5/8" x 20"
Rods	24	3/4" x 12"
Wrought Washers	80	3/4"
" "	224	3/4"
Head or Wash	16	3/4"
Track Spikes	270	5/8" x 6"
Nails	40	60 d
" "	200	70 d
Anchor Pl.	600	
Double End 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 6"	4'-0"
Hulguard	10	6" x 6"	20'-0"
Floor Plank	16	4" x 10"	24'-0.5"
Rods	107	4" x 10"	20'-0"
Bent 1st Blocks	—	6" x 12"	26 Lm Ft
End Plank	4	3" x 12"	12'-0"
Cap-Blocks	2	10" x 12"	22'-0"
NutSills	38	2" x 10"	3'-0"
Bracing	4	3" x 10"	22'-0"
Nails	2	3" x 10"	20'-0"
Cap-Benfs	4	12" x 12"	22'-0"

\* May consist of 2-lengths with butt joint over 1/2 of 1-beam near roadway.

**BILL OF MATERIAL**

Item	FL. & M.	12330
Untreated Lumber	Lbs.	1080
Hardware	Lm Ft	388
Structural Steel (20#)	Lbs.	39800

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

TEMPORARY BRIDGE  
PROJECT U-1 (25)  
FA. RTE. 7 (S.B.I. RT. G) SEC. 34-X-B  
DE KALB CO.  
63' RT. OF STA. 83+23.75

**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. O. B. or malleable iron washers shall be used under nut on all rods. All rods shall be threaded 3/8" each end. All lumber shall be untreated and 2" x 2" except 1st block, mud sills and bracing may be full size rough. 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. 9" x 2 1/2" beams and 15" x 4 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. 7030 - No. 7 or equal. Anchor Plates are included in estimate weight of Hardware. Lumber shall be #1 Structural Longleaf (No. 1) or dense #1 Structural Shortleaf (1400#) Southern Pine or 1400# Framing and Joist, 2000# etc.

COMPUTED	R.L. Smith	EXAMINED	
CHECKED	Wm. H. Jones		
DRAWN	R.L. Smith	PASSED	
CHECKED	J.L. Nelson	APPROVED	
ASSEMBLED			
CHECKED			

**FOR INFORMATION ONLY**

PLOT DATE = 1/24/66  
FILE NAME = BRIDGE  
PLOT SCALE = AS SHOWN  
REFERENCE = SHEETS  
OPERATOR = J. B. BROWN

**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 2/24/66

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

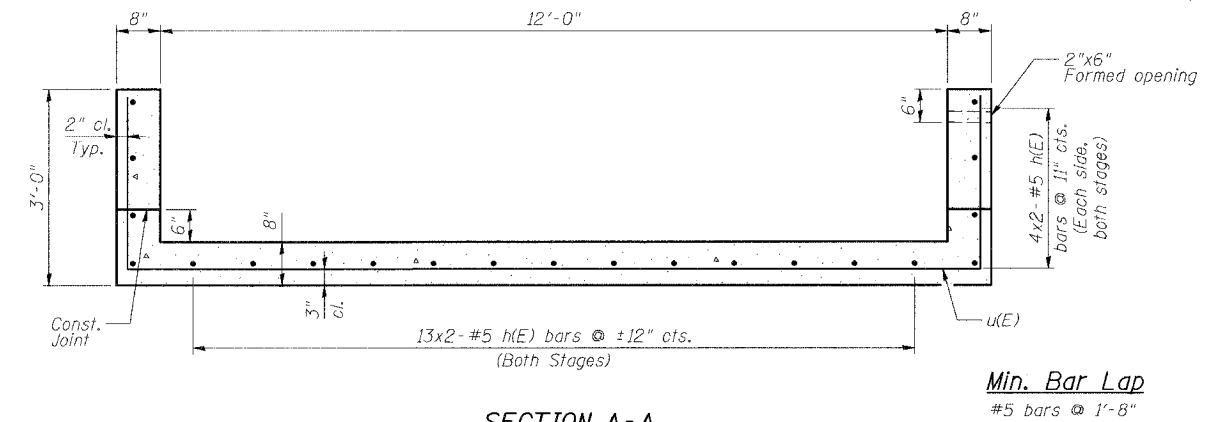
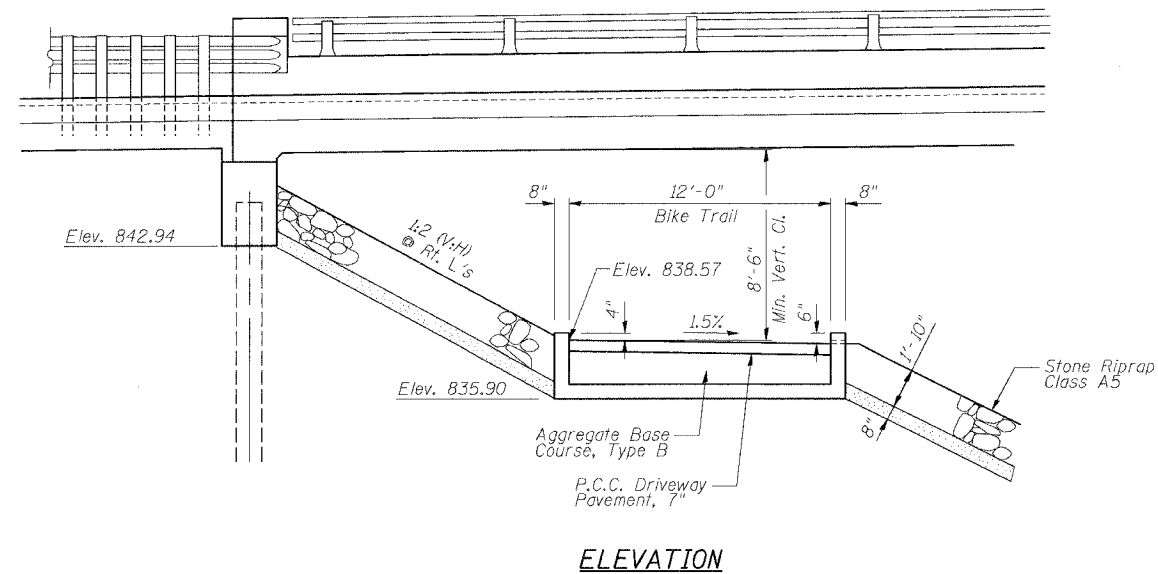
COMPUTER FILE NO. D10800EPLN  
PROJECT 05198  
2/27/66-MDS

**EXISTING BRIDGE PLANS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

Contract No. 64583



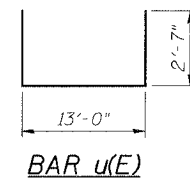
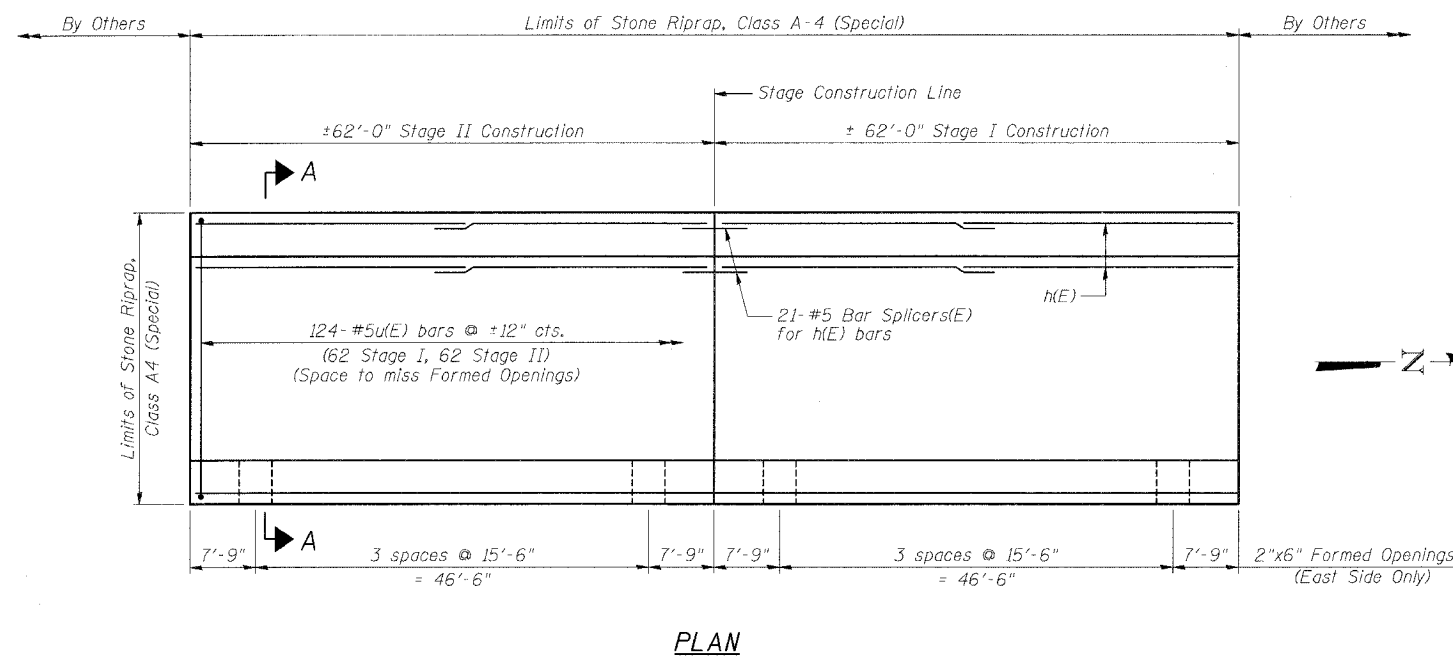
**GENERAL NOTES**

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"	└┘
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.



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

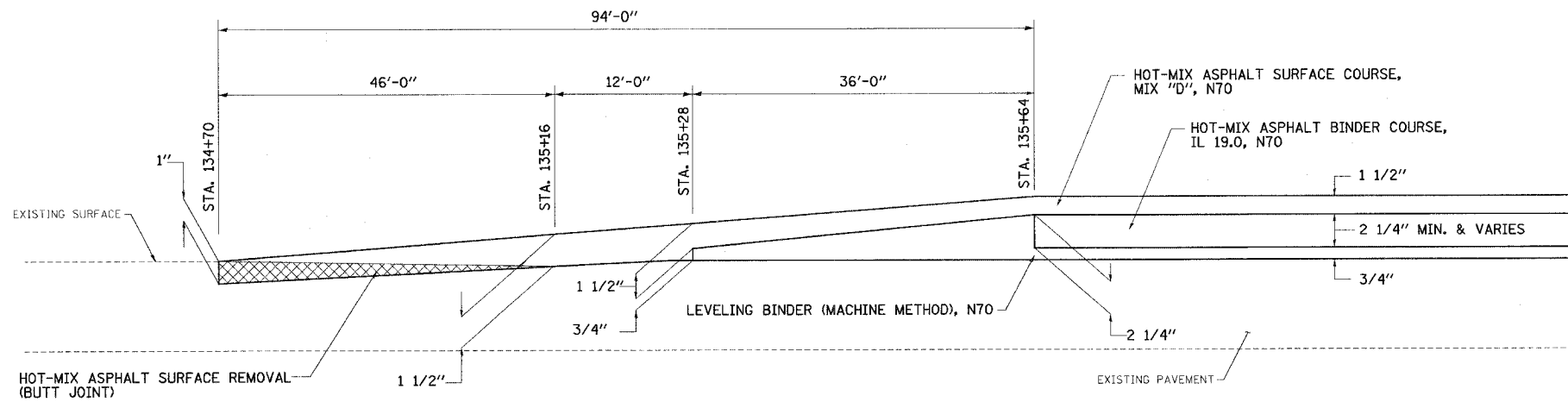


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PROJECT 05198  
12/4/06-MML

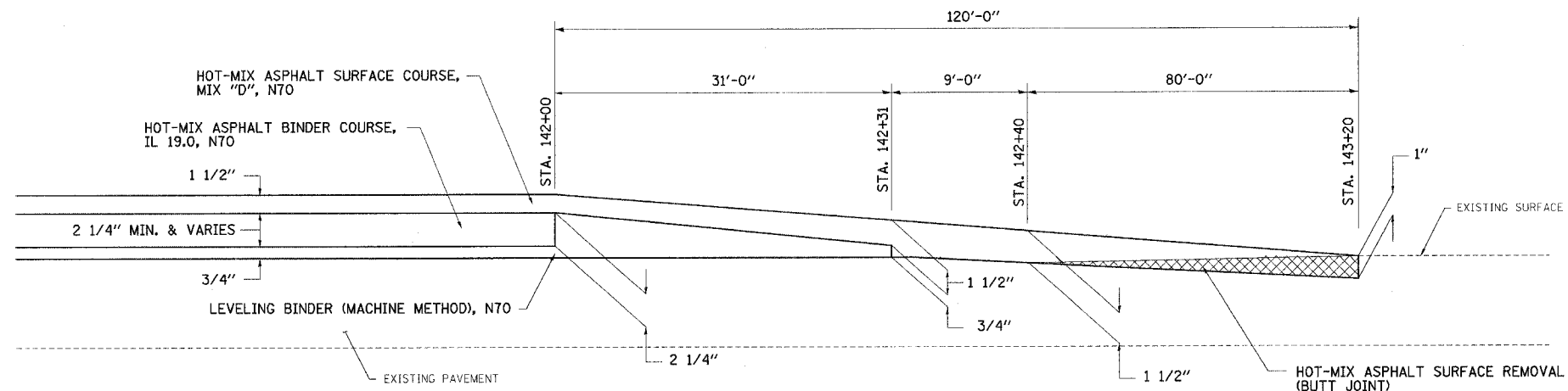
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OPERATOR = mchenel

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

REVISIONS	
NAME	DATE
DOT 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.  
OF SPRINGFIELD

COMPUTER FILE NO.  
D10800SPL

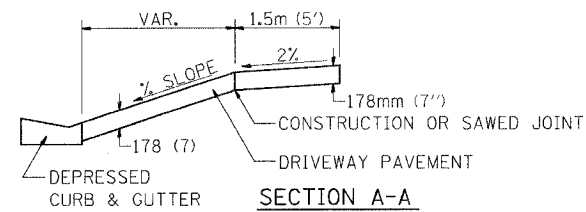
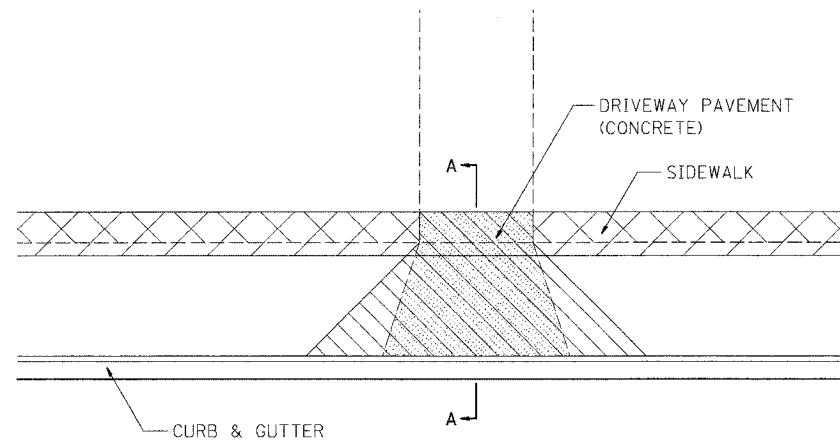
PROJECT 05198  
10/25/06-GSJ

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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

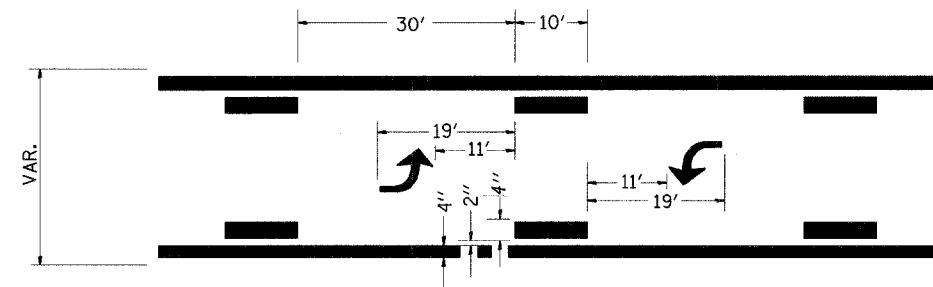
- PAY FOR AS
- SIDEWALK REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - PCC SIDEWALK 127 (5)
  - PCC DRIVEWAY PAVEMENT 178 (7)



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

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PLOTTER = #PLOTTER#  
OPERATOR = #USER#

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. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 10/12/05

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

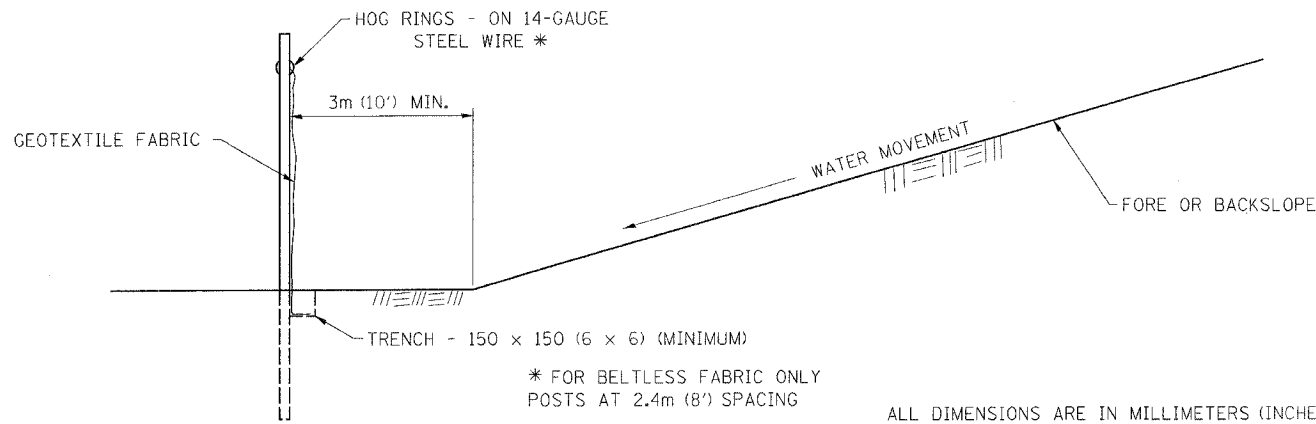
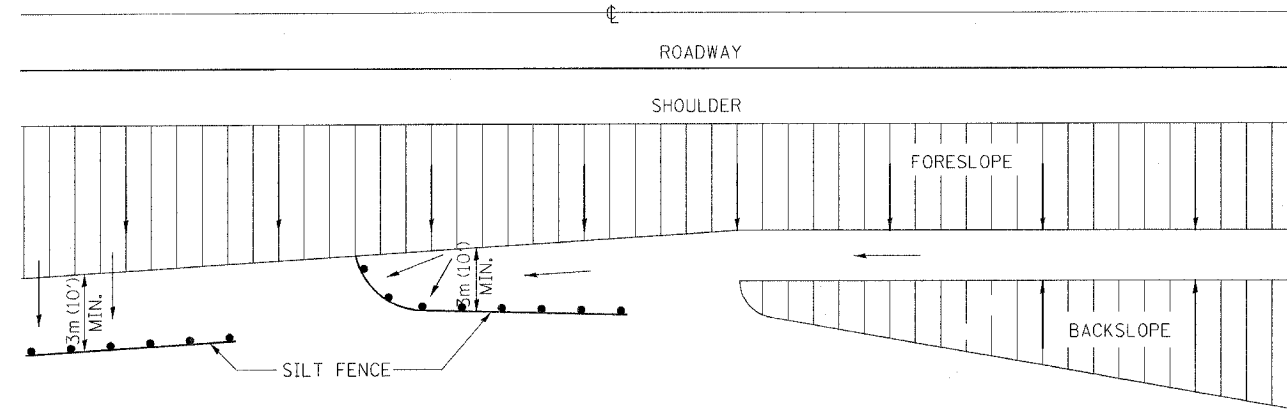
REGISTERED PROFESSIONAL ENGINEERS  
STATE OF ILLINOIS 027-1007  
REGISTERED PROFESSIONAL SURVEYORS  
STATE OF ILLINOIS 027-1007

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	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# EROSION CONTROL DETAILS FOR SILT FENCE



DETAILS OF SILT FENCE

\* FOR BELTLESS FABRIC ONLY  
POSTS AT 2.4m (8') SPACING

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

PLOT DATE = #DAYS#  
FILE NAME = #FILES#  
PLOT SCALE = #SCALE#  
PLOT DATE = #DATE#  
OPERATOR = #USER#

# ROUGH GROOVED SURFACE SIGN

ILLINOIS STANDARD W8-I107  
SIGN PANEL TYPE 1



### GENERAL NOTES

SIGN PANELS AND FACE MATERIALS SHALL BE ACCORDING TO SECTION 720 OF THE STANDARD SPECIFICATIONS  
METAL POSTS SHALL BE IN ACCORDANCE WITH STD. 720011.

ALL MOUNTING HARDWARE SHALL BE ALUMINUM, STAINLESS STEEL, ZINC OR CADMIUM PLATED STEEL AND SHALL BE INCIDENTAL TO THE COST OF THE INSTALLATION.

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

COLOR: LEGEND AND BORDER - BLACK NON-REFLECTIVE  
BACKGROUND - ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
1200x1200 (48x48)	1200 (48.0)	600 (24.1)	75 (3.0)	850 (34.0)	825 (33.0)	150 (6.0)	325 (13.0)	88 (3.5)

SIGN SIZE	SERIES			MARGIN	BORDER	BLANK STD.
	LINES					
	1	2	3			
1200x1200 (48x48)	7C	7C	7C	20 (0.8)	30 (1.2)	B4-48D

ALL DIMENSIONS IN INCHES.

REVISIONS	
NAME	DATE
DOT REVIEW	10/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS**

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

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

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS  
PROFESSIONAL SURVEYORS  
PROFESSIONAL LAND SURVEYORS  
PROFESSIONAL CIVIL ENGINEERS  
PROFESSIONAL ELECTRICAL ENGINEERS  
PROFESSIONAL MECHANICAL ENGINEERS  
PROFESSIONAL CHEMICAL ENGINEERS  
PROFESSIONAL INDUSTRIAL ENGINEERS  
PROFESSIONAL AERONAUTICAL ENGINEERS  
PROFESSIONAL NUCLEAR 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	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

**SITE DESCRIPTION**  
DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF THE REMOVAL AND REPLACEMENT OF THE BRIDGE CARRYING IL 38 OVER THE SOUTH BRANCH OF THE KISHWAUKEE RIVER. IT ALSO INCLUDES ROADWAY WIDENING, NEW CURB & GUTTER, STORM SEWER AND RESURFACING. TEMPORARY ACCESS WILL BE MAINTAINED AT ALL TIMES.

**DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:**

THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EXCAVATION, STRUCTURE REMOVAL/REPLACEMENT, GRADING AND PAVING.

THIS PROJECT WILL BE CONSTRUCTED AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 1.881 ACRES.  
PROPOSED R.O.W. (TOTAL PARCEL AREA, INCLUDING TEMPORARY CONSTRUCTION EASEMENTS) 0.995 ACRES.  
DISTURBED BY EXCAVATION (E.O.P. TO CONSTRUCTION LIMIT) 1.090 ACRES.

**SUPPORTING REPORTS AND PLANS**

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

BORING LOGS, USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE  
SOUTH BRANCH OF THE KISHWAUKEE RIVER

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES  
STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

STABILIZATION PRACTICES DURING CONSTRUCTION:

AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE SEEDING AS STAGES OF THE PROJECT ARE COMPLETED.

**MAINTENANCE AFTER FINAL GRADING**  
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEDED.


PLOT DATE = 04/25/05  
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 REFERENCE = #REFS  
 CHECKLIST = #CHECKS

REVISIONS	
NAME	DATE
DOT REVIEW	10/25/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS**

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

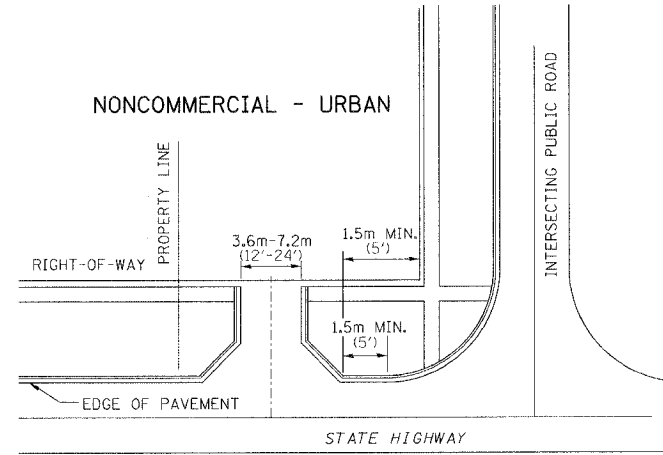
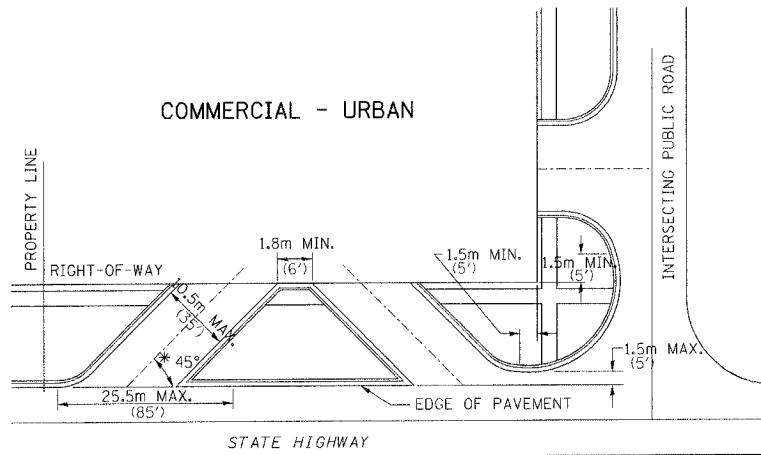
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 HORIZ. \_\_\_\_\_ CHECKED BY BOTT  
 DATE 10/12/05

 <b>GREENE &amp; BRADFORD, INC.</b> OF SPRINGFIELD <small>CONSULTING ENGINEERS                  PROFESSIONAL ENGINEERS                  PROFESSIONAL DESIGN FIRM NO. 021-000028                  PROFESSIONAL &amp; TECHNICAL PERSONNEL REGISTRATION                  021-789-9446, 021-789-9427 FAX 021-789-9446 - www.greenebradford.com</small>	COMPUTER FILE NO. D10800SPL
	PROJECT 05198 10/25/06-GSJ

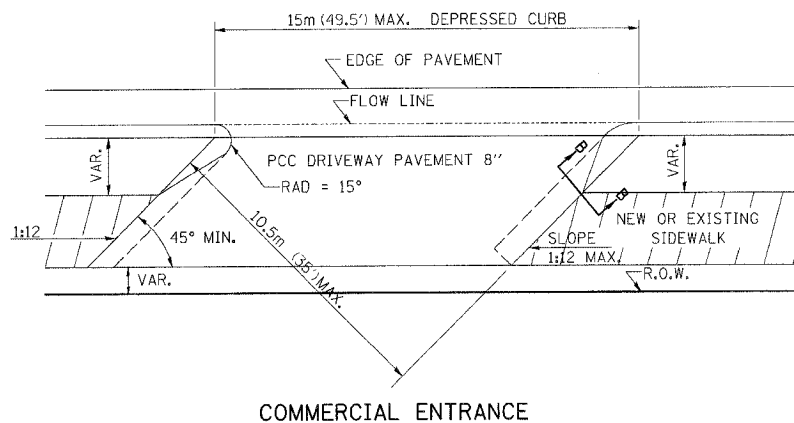
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# ENTRANCE APPROACHES - URBAN AREA

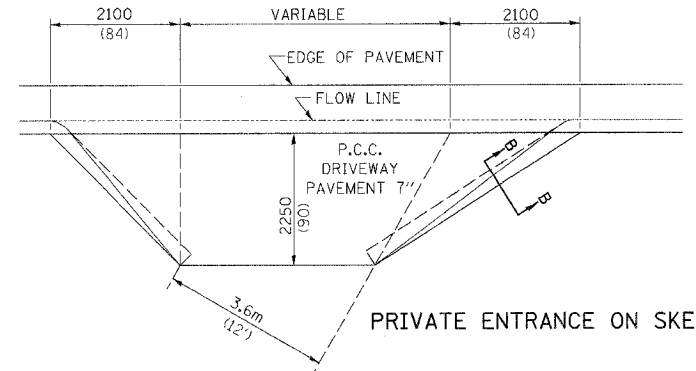
TYPICAL APPLICATION OF ENTRANCES



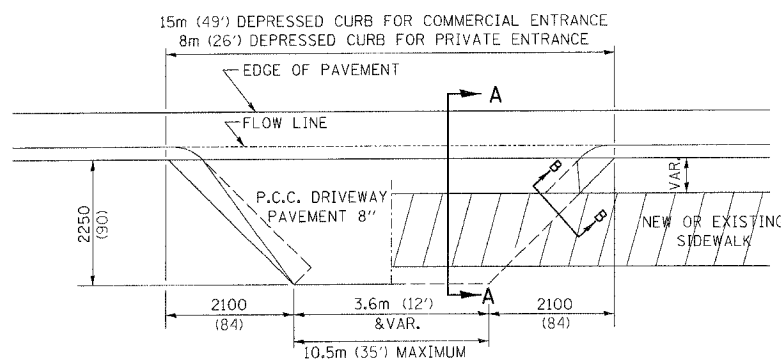
WHEN THE ISLAND BETWEEN DRIVES IS LESS THAN 7.5m (25') LONG OR LESS THAN 10 FEET WIDE, IT SHALL BE DEFINED BY CURBS, MASONRY, OR OTHER DEVICES.  
 \* 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.  
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.



COMMERCIAL ENTRANCE

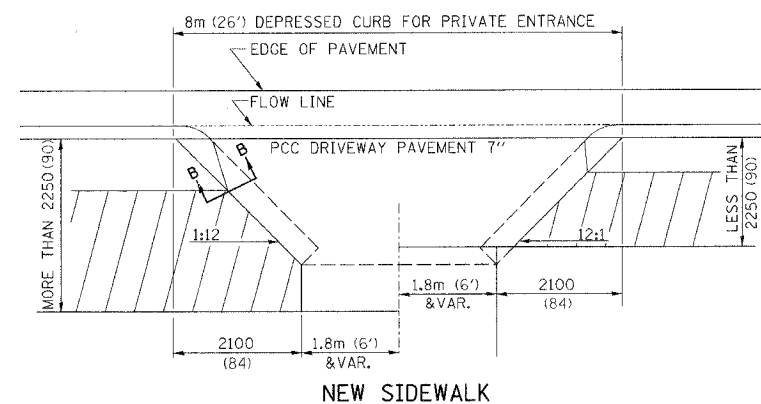


PRIVATE ENTRANCE ON SKEW



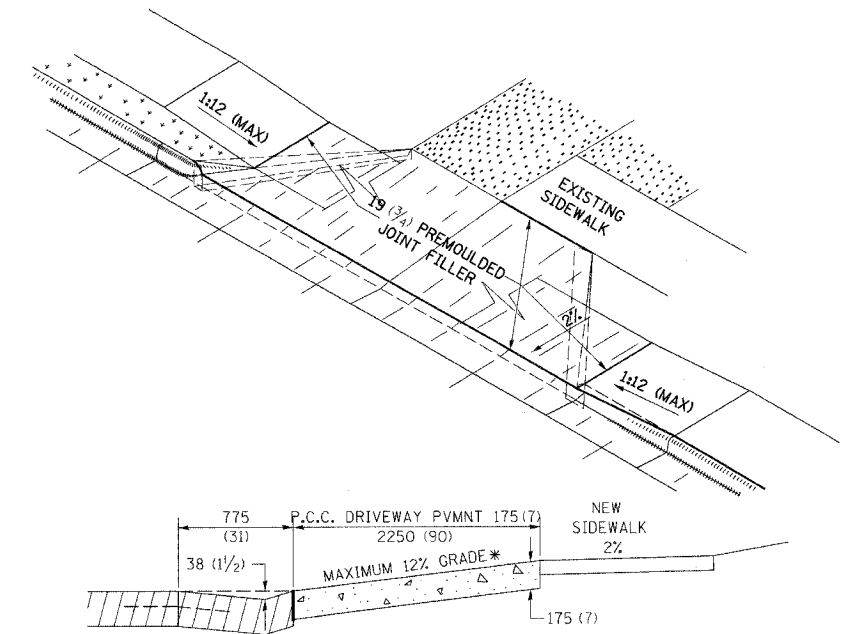
NO SIDEWALK

EXISTING SIDEWALK

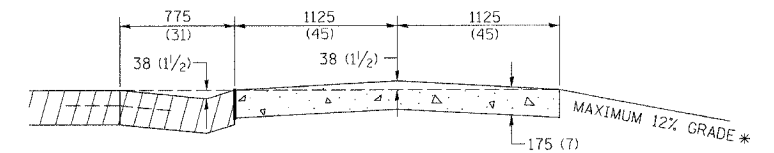


NEW SIDEWALK

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

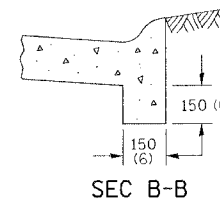


ASCENDING APPROACH

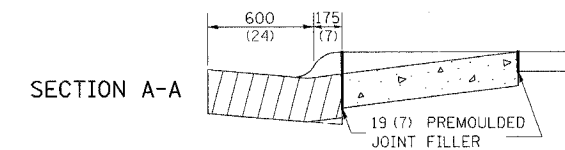


DESCENDING APPROACH

\* 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.



SEC B-B



SECTION A-A

THE VARIABLE HEIGHT INTEGRAL CURB AND PREMOULDED 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 = 05/14/06  
 PLOT NAME = 05/14/06  
 PLOT SCALE = 1:100  
 REFERENCE = 05/14/06  
 OPERATOR = 05/14/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS**

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

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

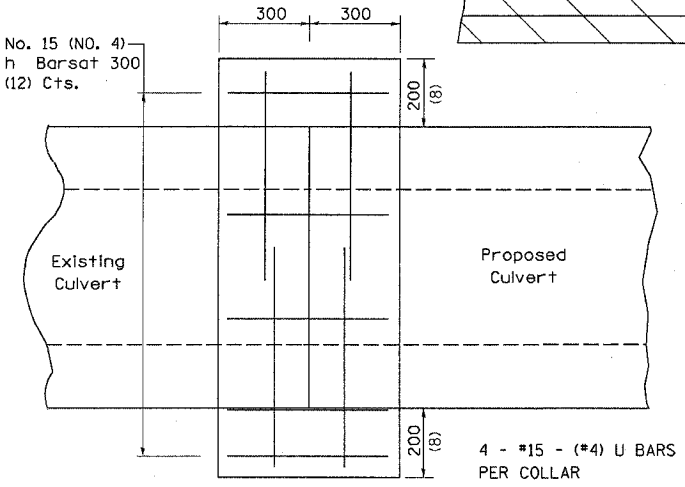
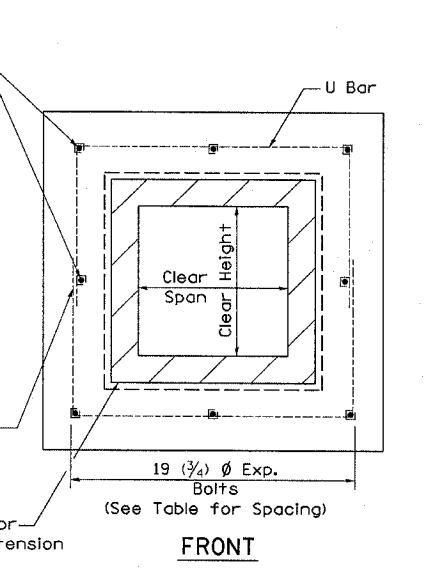
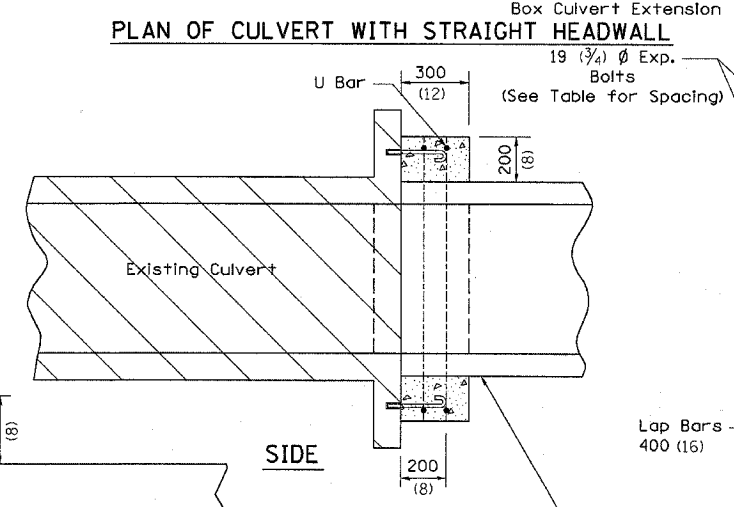
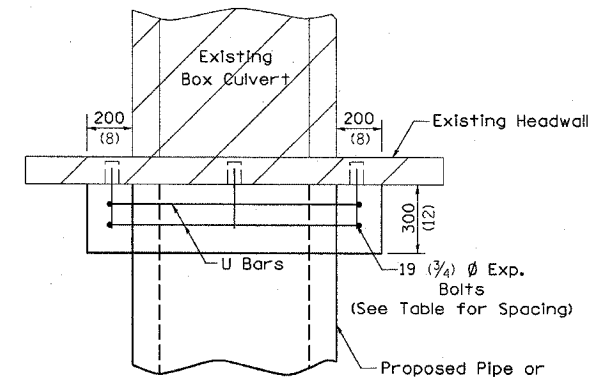
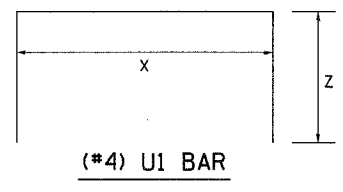
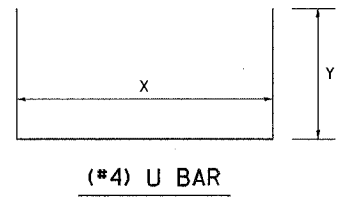
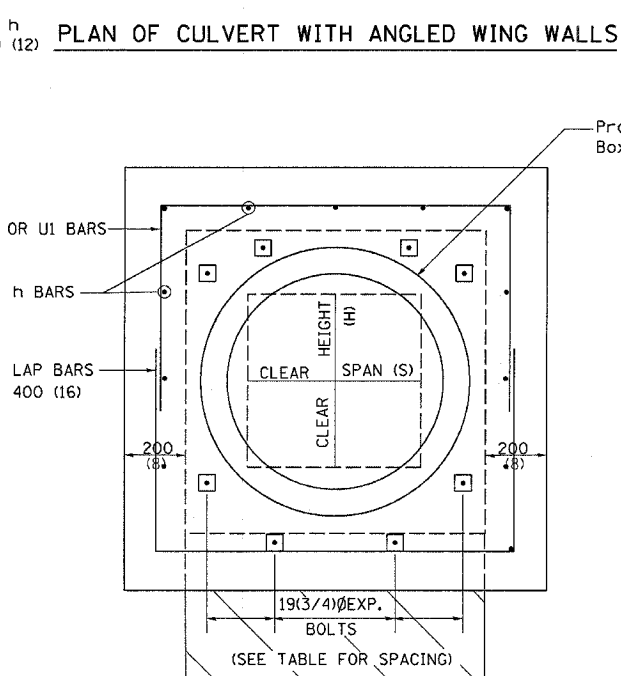
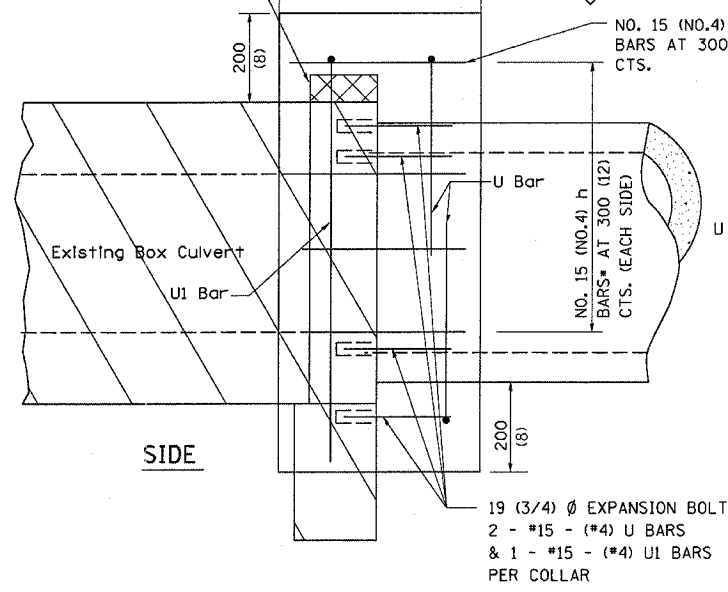
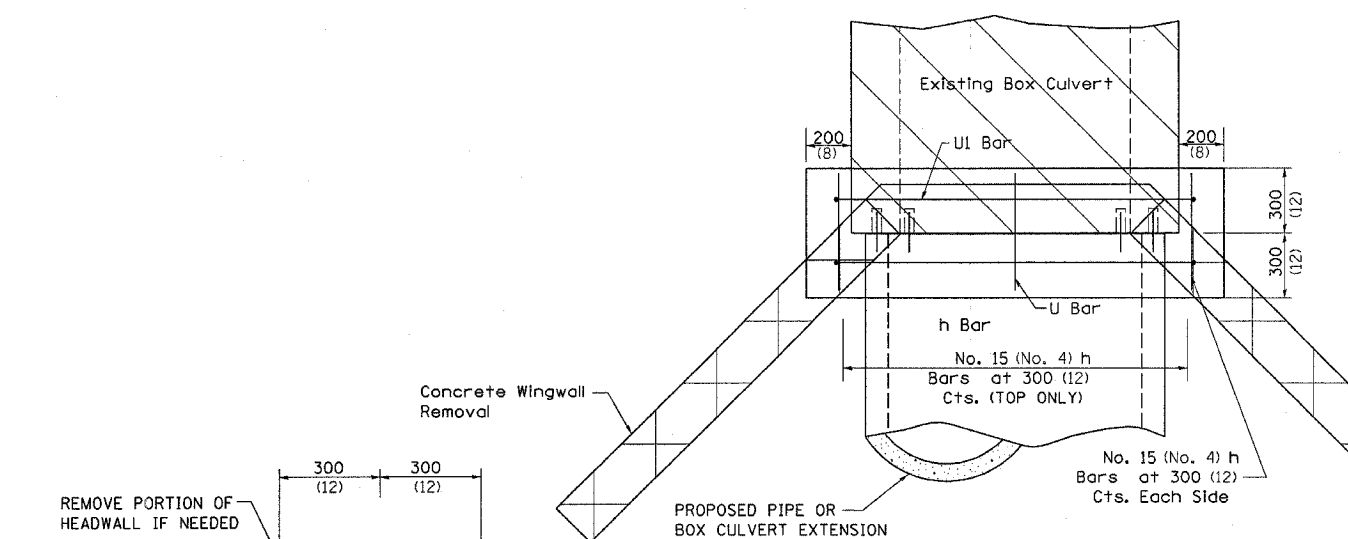
DRAWN BY SUTHEARD  
 CHECKED BY BOIT

GREENE & BRADFORD, INC.  
 10/25/06-GSJ

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

# 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
TOTALS FOR 15 COLLARS								0	10.4	494

All h Bars 450 (18) Long

### 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. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE 10/12/05

DRAWN BY SUTHEARD  
CHECKED BY BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEER  
ILLINOIS LICENSE NO. 021-00000000  
1001 N. WASHINGTON ST., SPRINGFIELD, IL 62762  
(314) 224-1234 FAX (314) 224-1235

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

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

PLOT DATE: 1/2/2007  
FILE NAME: #FILES#  
PLOT SCALE: #SCALE#  
REFERENCE: #REF#  
OPERATOR: #USER#



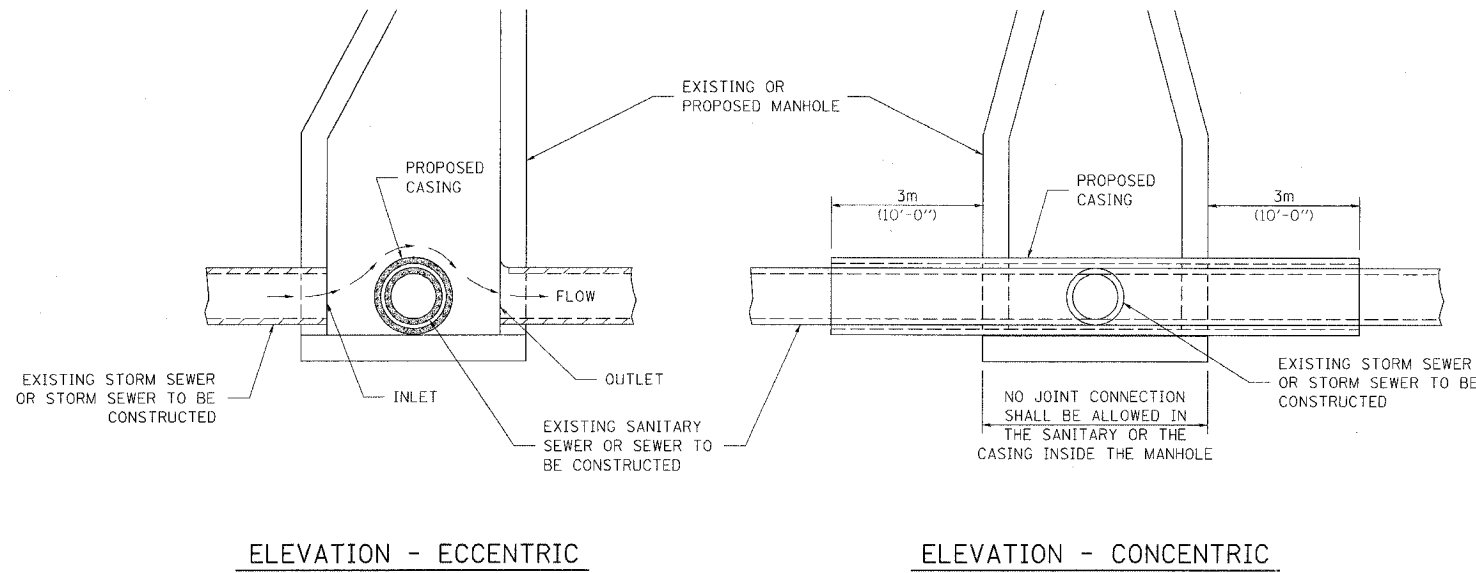
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
567	34X-BR	DEKALB	90 72
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

# 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.

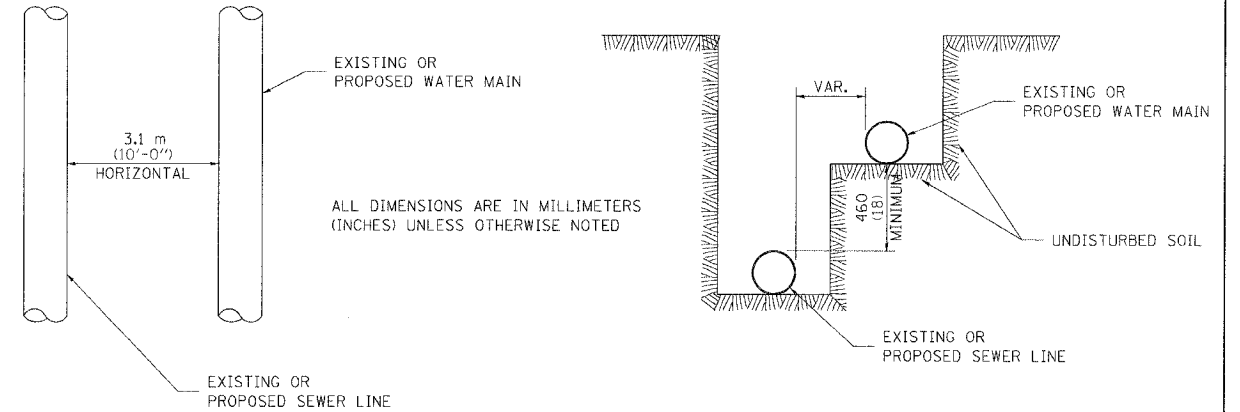
WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 3.1 m (10'-0") FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.



AT GRADE CROSSING OF SANITARY AND STORM SEWER

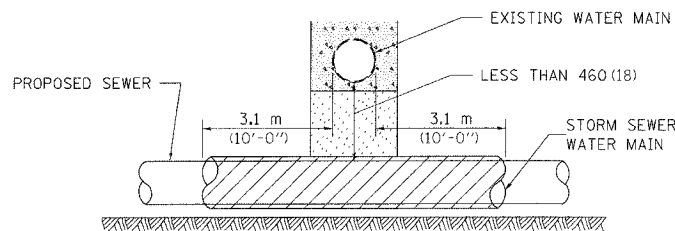
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

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

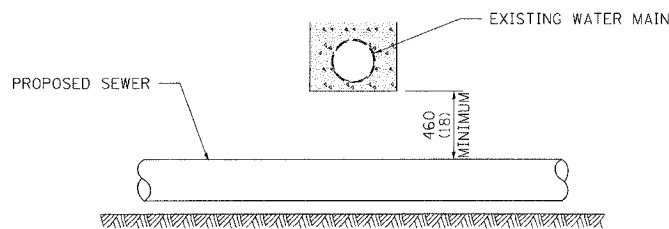


WATER AND SEWER HORIZONTAL SEPARATION REQUIREMENTS

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



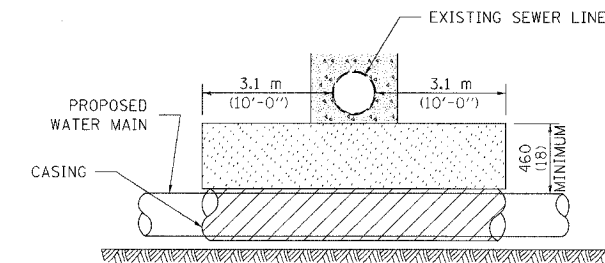
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1 m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

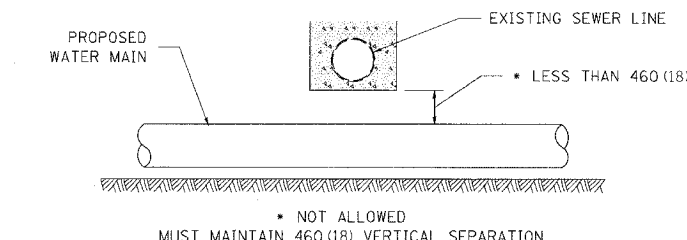
PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

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

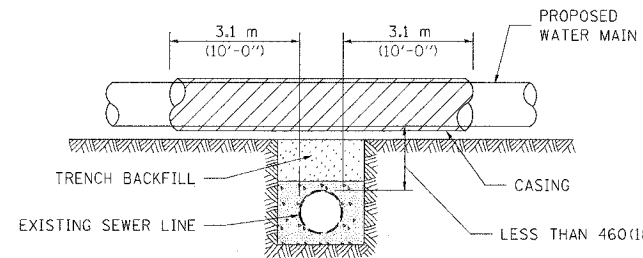
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH  
 MAINTAIN 460 (18) MINIMUM VERTICAL SEPARATION FOR 3.1 m (10') HORIZONTALLY



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

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

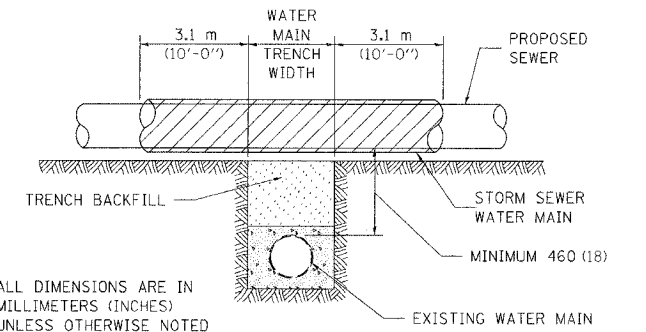


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 (2) LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

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

PLOT DATE = 8/24/06  
 FILE NAME = 811616  
 PLOT SCALE = 1/8"=1'-0"  
 REFERENCE = 811616

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. 1/8"=1'-0"  
 HORIZ. 1/4"=1'-0"  
 DATE 10/12/05

DRAWN BY SUTHEARD  
 CHECKED BY BOTT

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 REGISTERED PROFESSIONAL ENGINEERS  
 PROFESSIONAL ENGINEERING FIRM NO. 021-000000  
 PROFESSIONAL SURVEYING FIRM NO. 021-000000  
 1011 N. 8TH ST., SUITE 100, SPRINGFIELD, ILL. 62761-1000  
 TEL: 217-223-1100 FAX: 217-223-1101

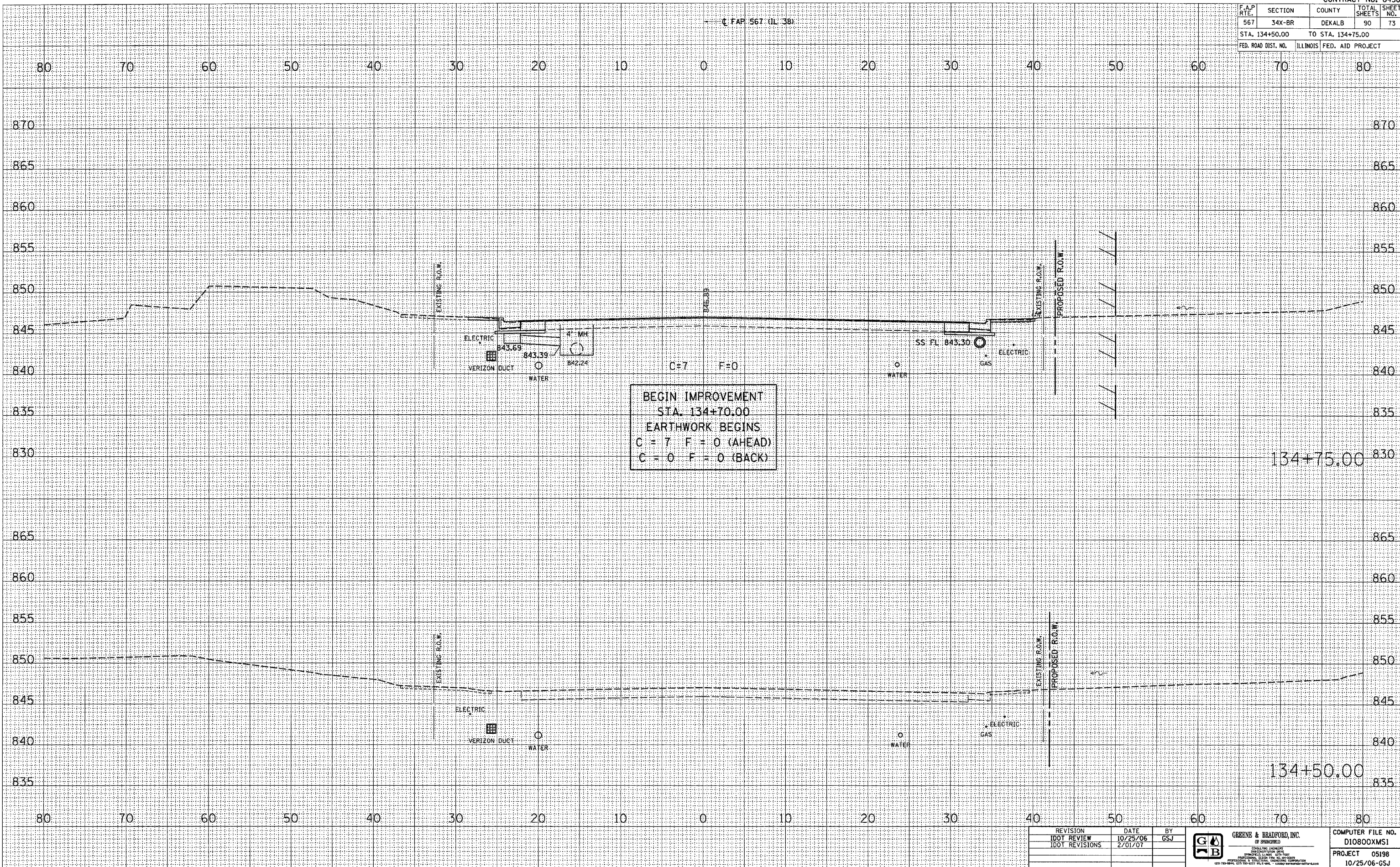
COMPUTER FILE NO. D10800SPL  
 PROJECT 05198  
 10/25/06-GSJ

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	73
STA. 134+50.00 TO STA. 134+75.00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

BY	DATE
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE = 2/22/2007  
 FILE NAME = 81LEL8  
 PLOT SCALE = 83618  
 OPERATOR = 815818



REVISION	DATE	BY
100T REVIEW	10/25/06	G.S.J.
100T REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 PROFESSIONAL ENGINEERS 05198  
 4211 79th Street, P.O. Box 1000, Springfield, IL 62764

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

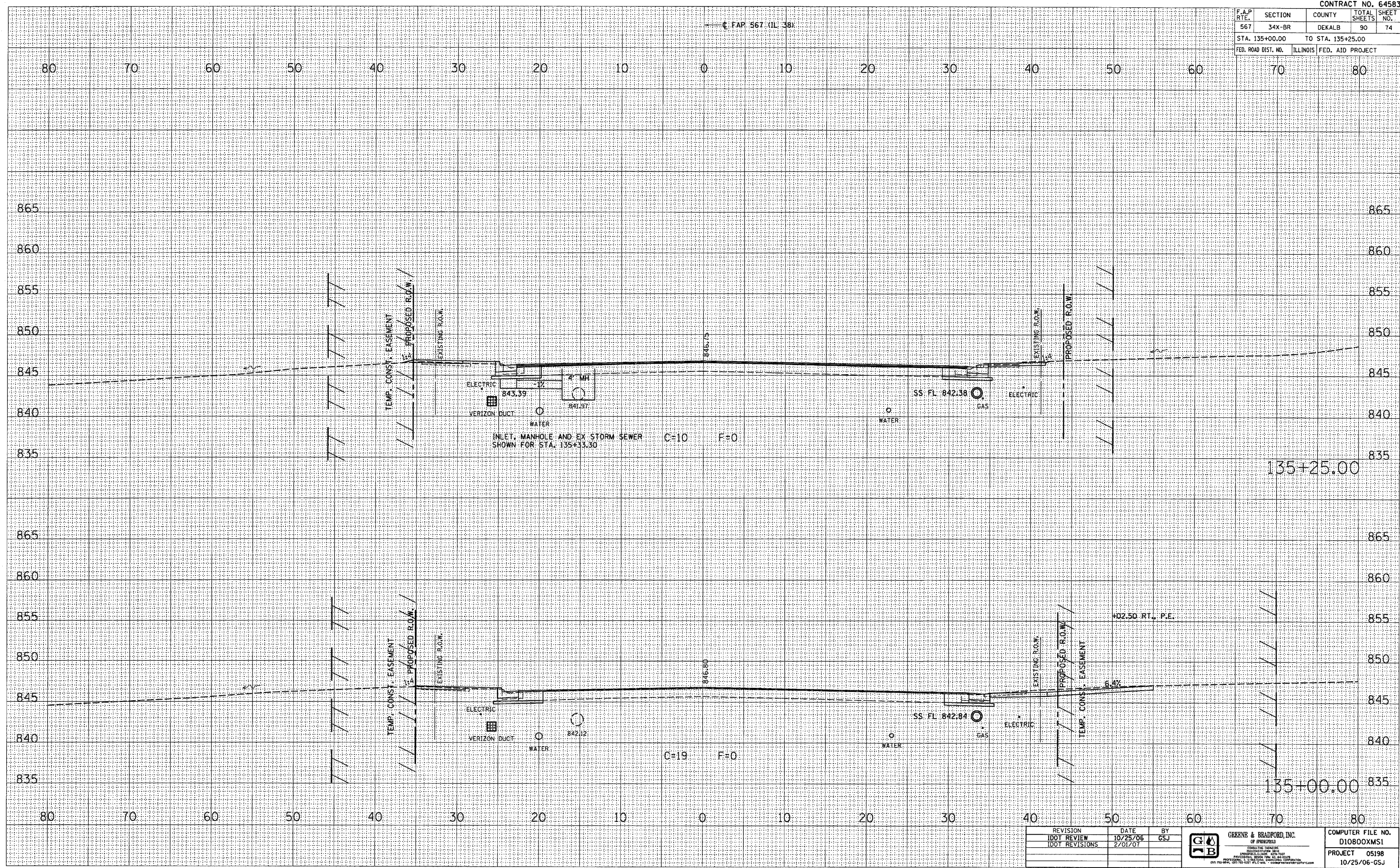
**CROSS SECTIONS - MAINLINE**

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

DATE	BY
SURVEYED	
PLOTTER	
TEMPLATE	
AREAS	
CHECKED	

DATE	BY
ORIGINAL SURVEY	
PLOTTER	
TEMPLATE	
AREAS	
CHECKED	

DATE	2/2/2007
PLOT SCALE	AS SHOWN
REFERENCE	AS USER
OPERATOR	



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

GREENB & BRADFORD, INC.  
OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
PROFESSIONAL DESIGN FIRM NO. 04-0029  
200 N. 3RD ST., SPRINGFIELD, ILL. 62760-2501  
PHONE: (217) 253-1100 FAX: (217) 253-1101

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	75
STA. 135+50.00		TO STA. 135+75.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED	DATE

NO.	AREAS CHECKED

BY	DATE

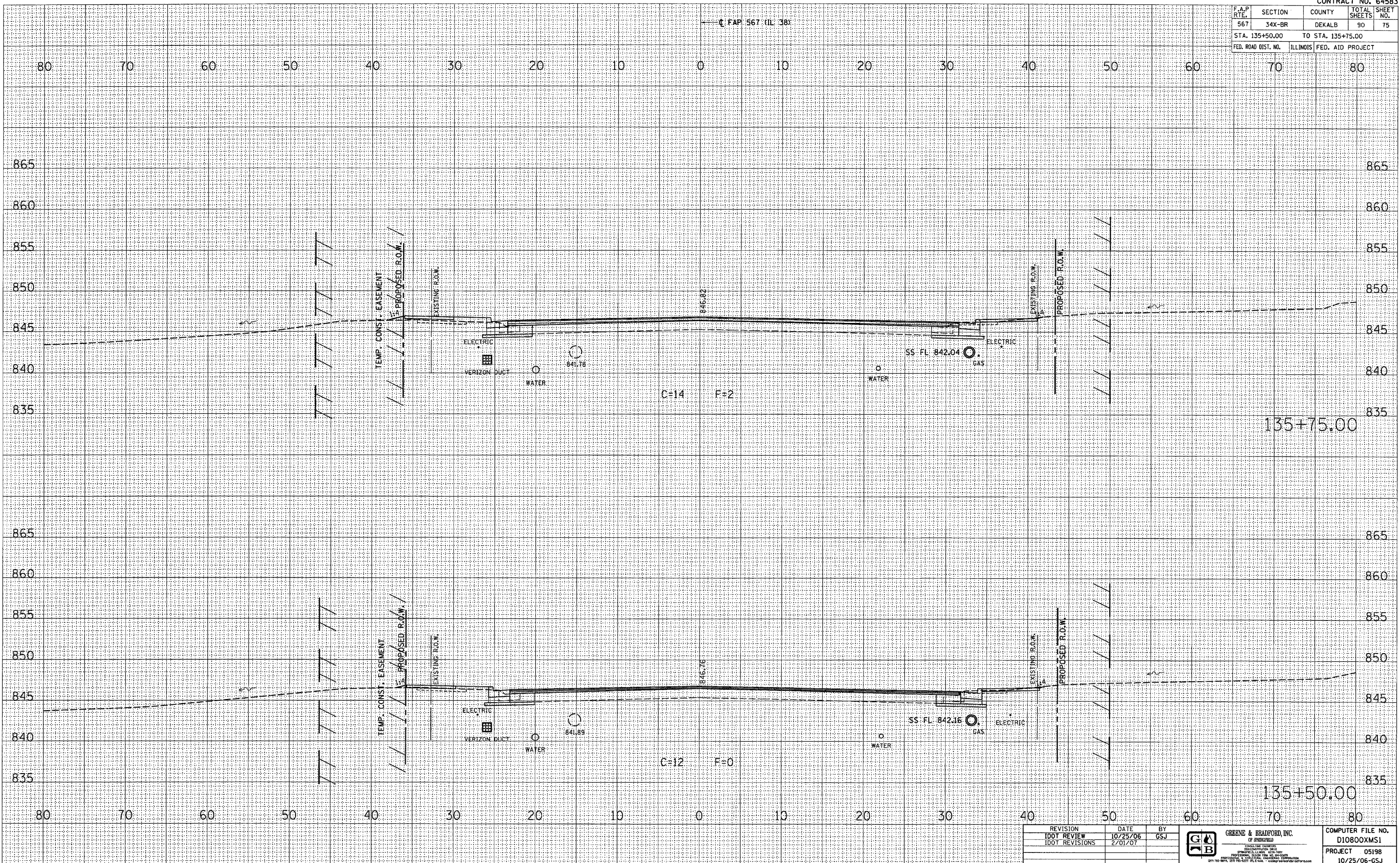
  

ORIGINAL SURVEY	SURVEYED	DATE

NO.	AREAS CHECKED

PLOT DATE = 2/22/2007  
 FILE NAME = 81LEL8  
 PLOT SCALE = 800000  
 OPERATOR = BJS/RS



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

**GREENE & BRADFORD, INC.**  
 OF ENGINEERS  
CONSULTING ENGINEERS  
 PROFESSIONAL ENGINEERS  
 1001 CENTRAL EXPRESSWAY, SUITE 200  
 DEKALB COUNTY, ILLINOIS 60115  
 312-951-8800, 312-951-8877, FAX 312-951-8800

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

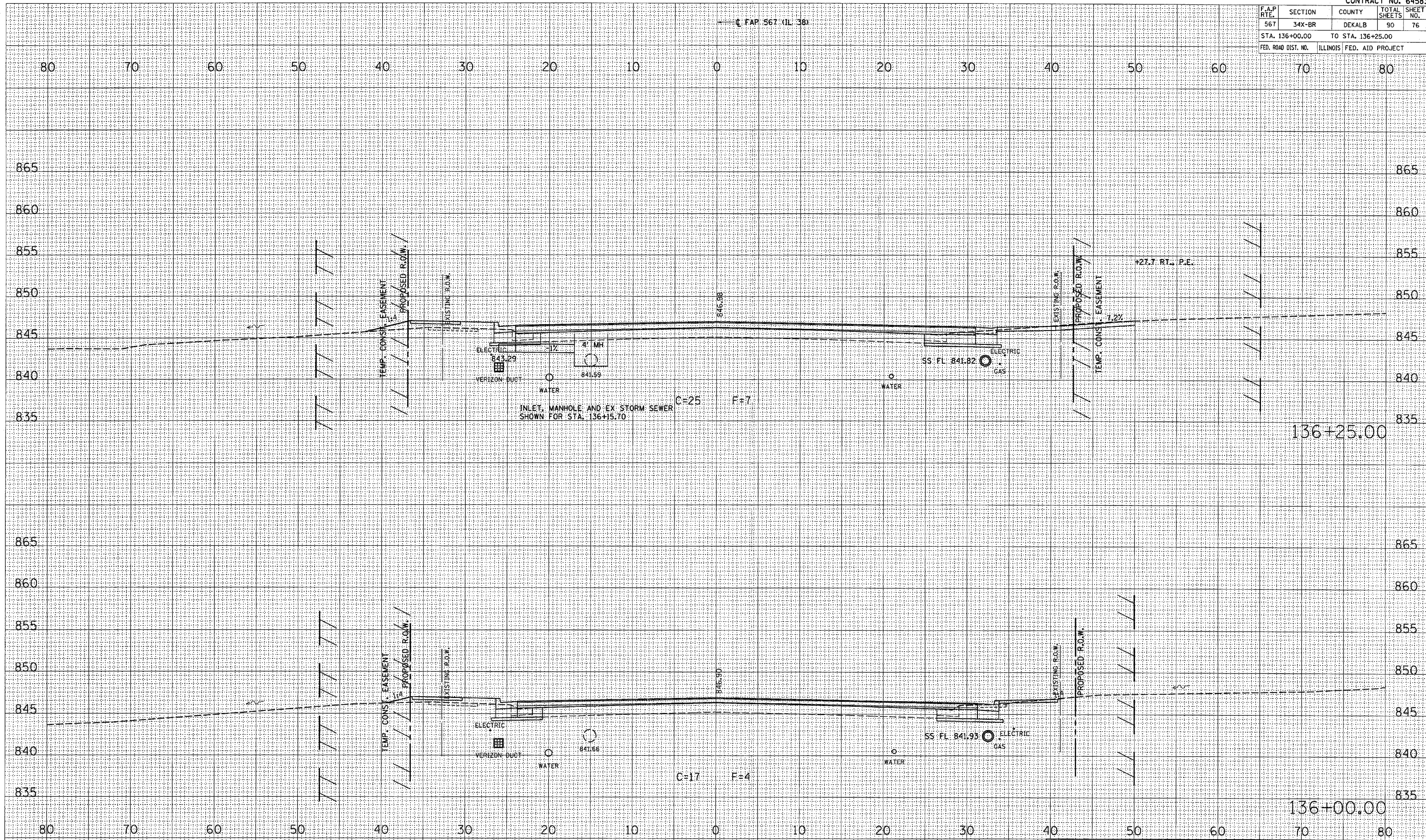
**CROSS SECTIONS - MAINLINE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	76
STA. 136+00.00 TO STA. 136+25.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	BY
NOTED	BY
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
FLUOTED	BY
TEMPLATE	BY
AREAS CHECKED	
NO.	

PLOT DATE = 2/22/07  
 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  
 1015 W. 15th Street, Springfield, IL 62761  
 (217) 244-5844, (877) 755-8287 FAX: (217) 244-5845  
 www.greenebradford.com

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

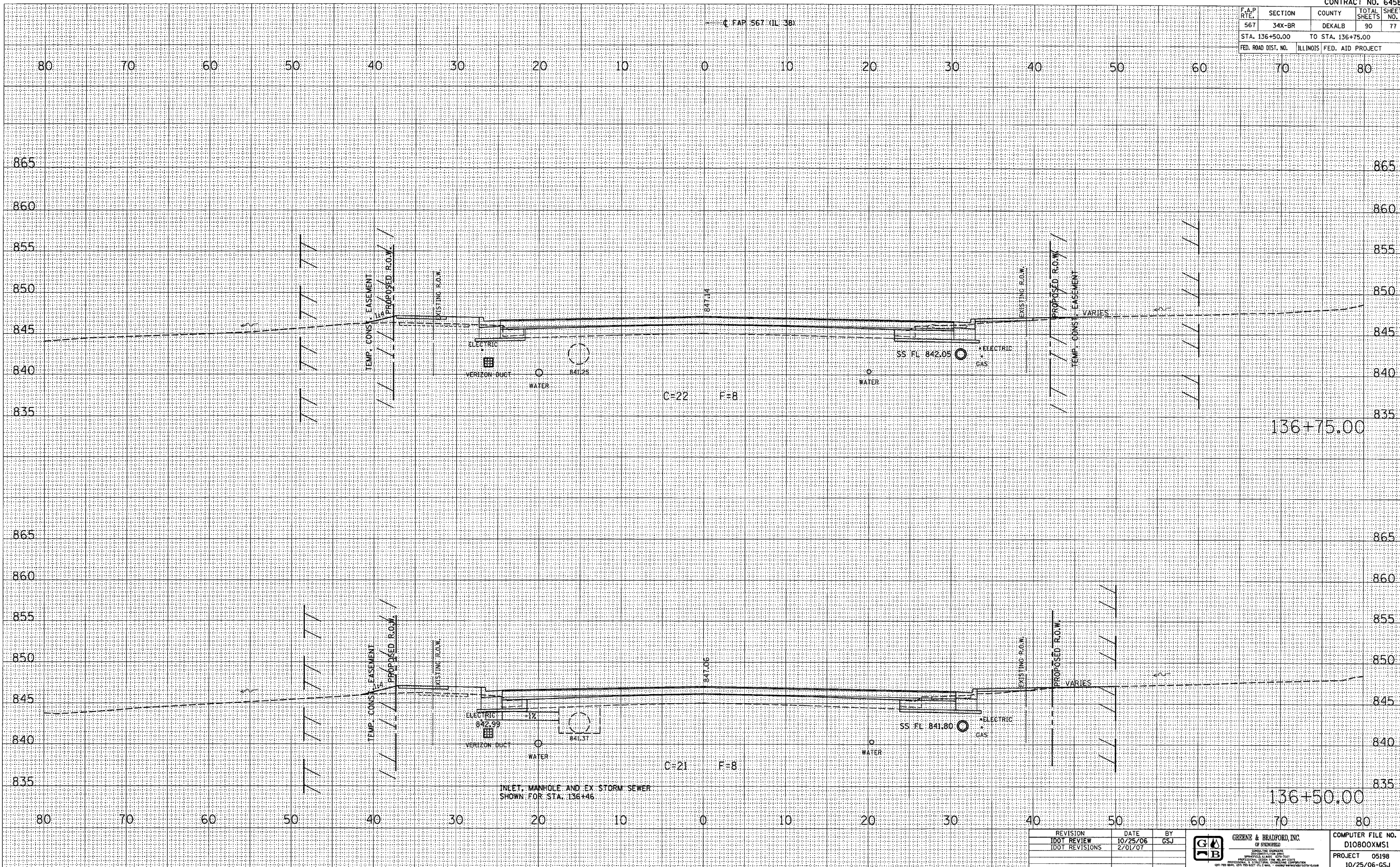
**CROSS SECTIONS - MAINLINE**

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
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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



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

	<b>GREENE &amp; BRADFORD, INC.</b> OF BIRMINGHAM <small>ENGINEERS AND ARCHITECTS</small> 1000 17TH AVENUE S.W. BIRMINGHAM, ALABAMA 35201 (205) 944-1100 FAX (205) 944-1101 WWW.GREENE-AND-BRADFORD.COM	COMPUTER FILE NO. 010800XMS1 PROJECT 05198 10/25/06-GSJ
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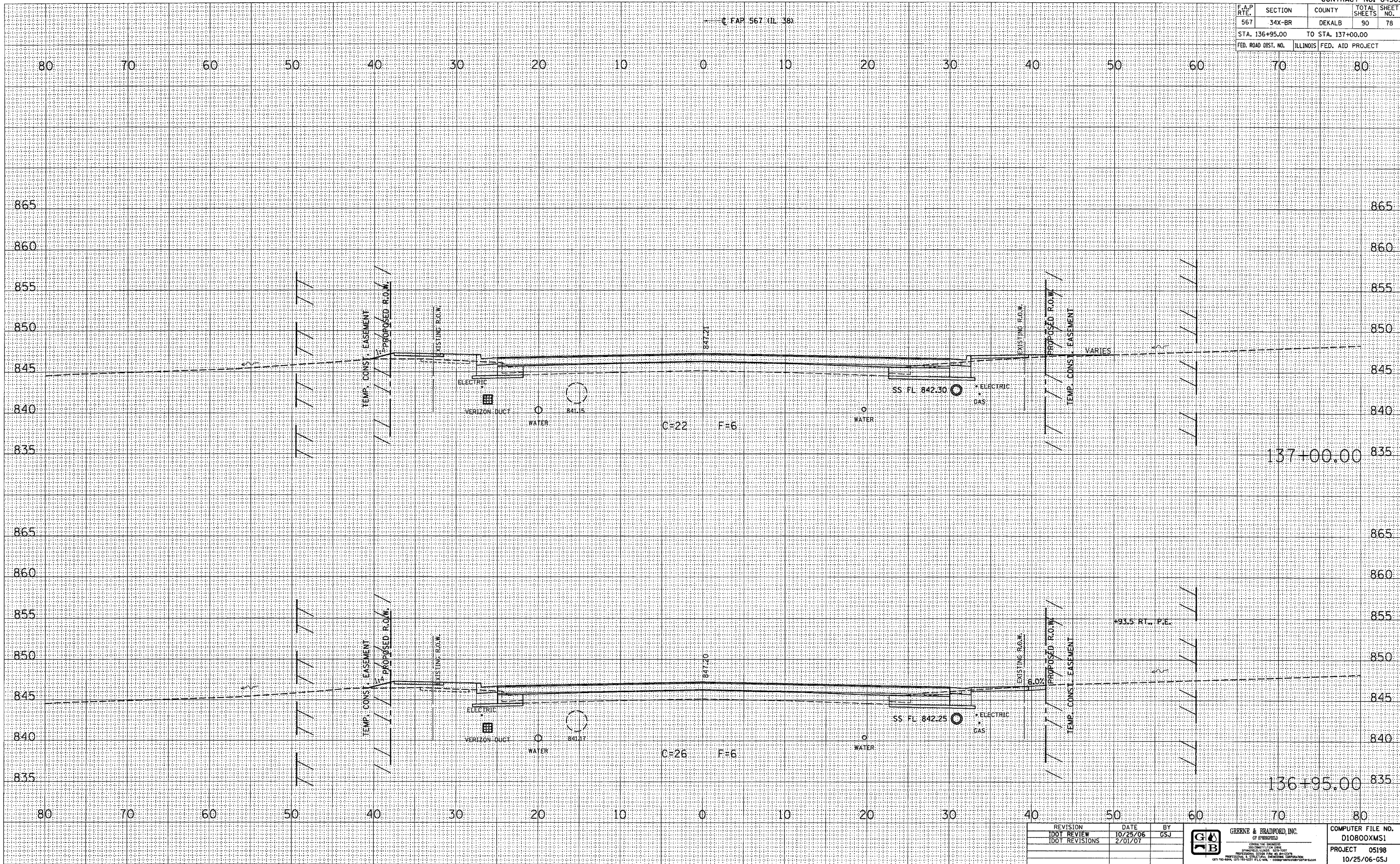
**CROSS SECTIONS - MAINLINE**

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	DATE
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	

DATE	2/2/2007
SCALE	AS SHOWN
REFERENCE	AS SHOWN
OPERATOR	AS SHOWN



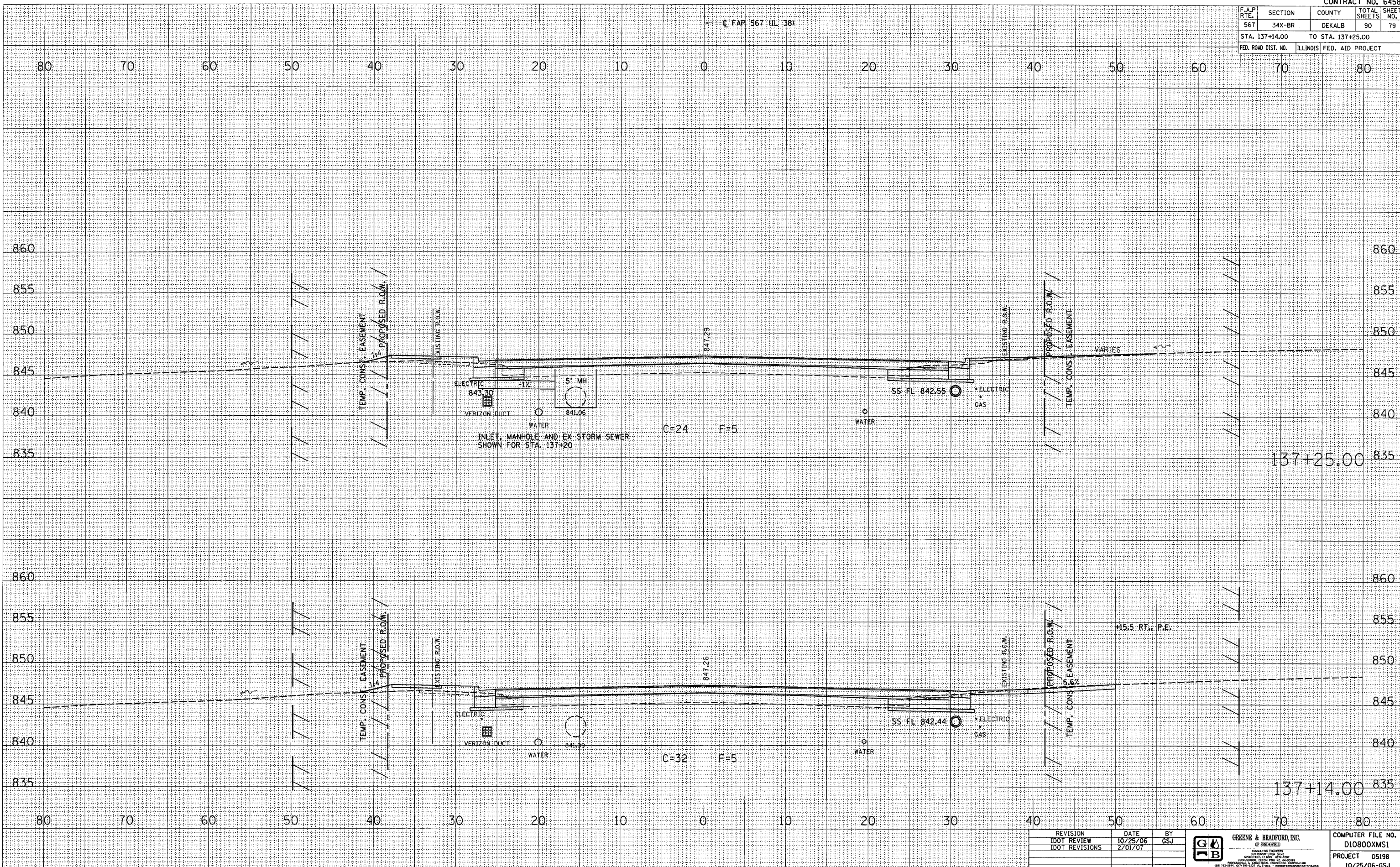
REVISION	DATE	BY
1	10/25/06	GSI
2	2/01/07	GSI

**GREENE & BRADFORD, INC.**  
 OF ENGINEERS  
 1000 W. STATE ST. SUITE 200  
 DEKALB, ILL. 62521  
 PHONE: 618-404-2700 FAX: 618-404-2701  
 WWW.GREENE-AND-BRADFORD.COM

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

**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			ILLINOIS FED. AID PROJECT	



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

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

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

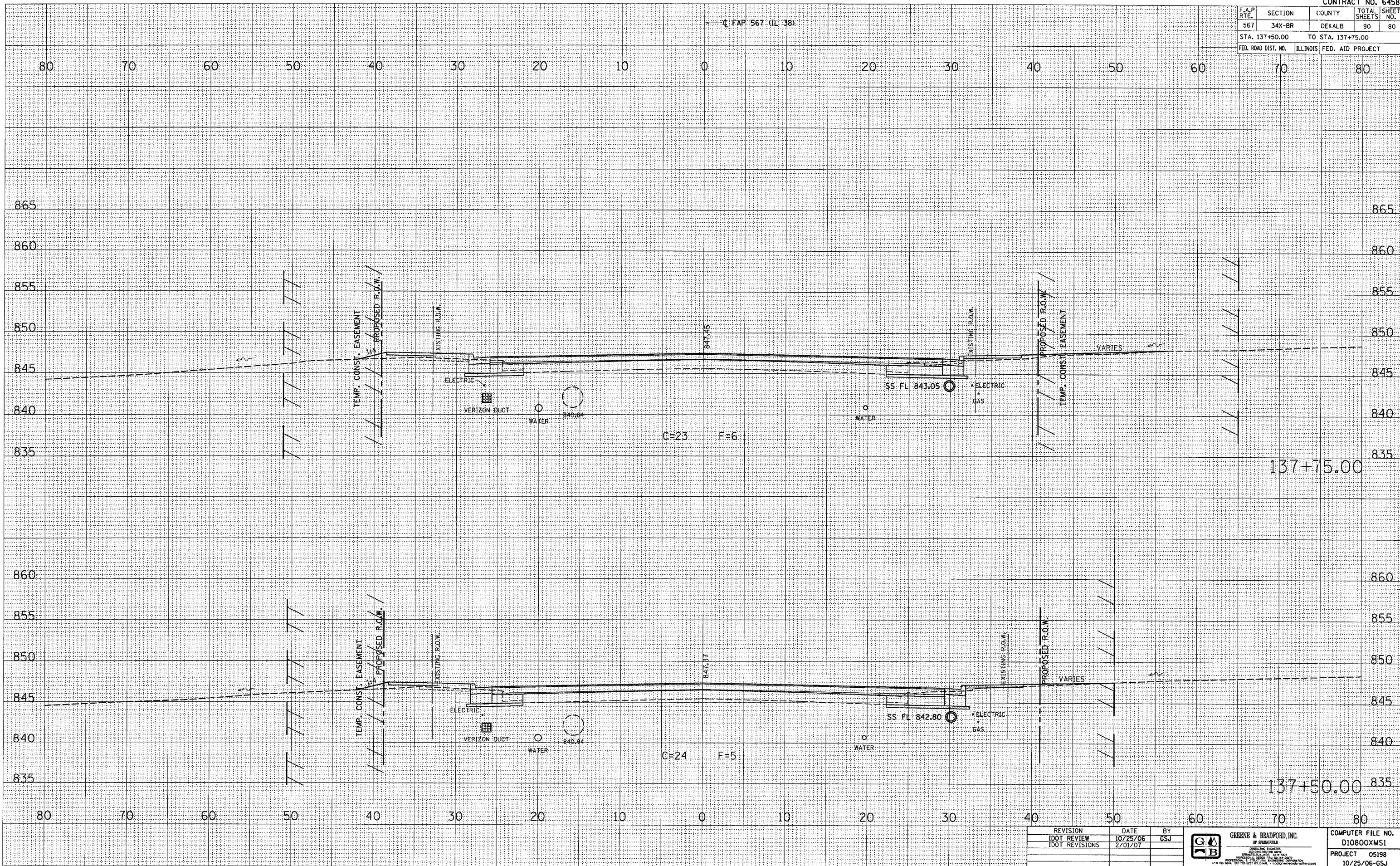
REVISION	DATE	BY
1DOT REVIEW	10/25/06	GSJ
1DOT REVISIONS	2/01/07	

	<b>GREENE &amp; BRADFORD, INC.</b> OF BRADFORD <small>CONSULTING ENGINEERS          200 CANTONMENT BLVD.          CANTONMENT, ILLINOIS 60108          630-292-5500 • FAX 630-292-5501          www.greenegab.com</small>	<b>COMPUTER FILE NO.</b> D10800XMS1 <b>PROJECT</b> 05198 10/25/06-GSJ
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**CROSS SECTIONS - MAINLINE**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	80
STA. 137+50.00		TO STA. 137+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	DATE
SURVEY	BY
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	
AREAS CHECKED	

PLOT DATE = 2/2/07  
 FILE NAME = 34X-BR  
 PLOT SCALE = AS SHOWN  
 REFERENCE = REF  
 OPERATOR = GSB

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


**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 1000 N. WASHINGTON AVE.  
 SPRINGFIELD, ILLINOIS 62761  
 PROFESSIONAL ENGINEERING LICENSE NO. 021-0000000-00000000  
 CIVIL ENGINEERING LICENSE NO. 021-0000000-00000000

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

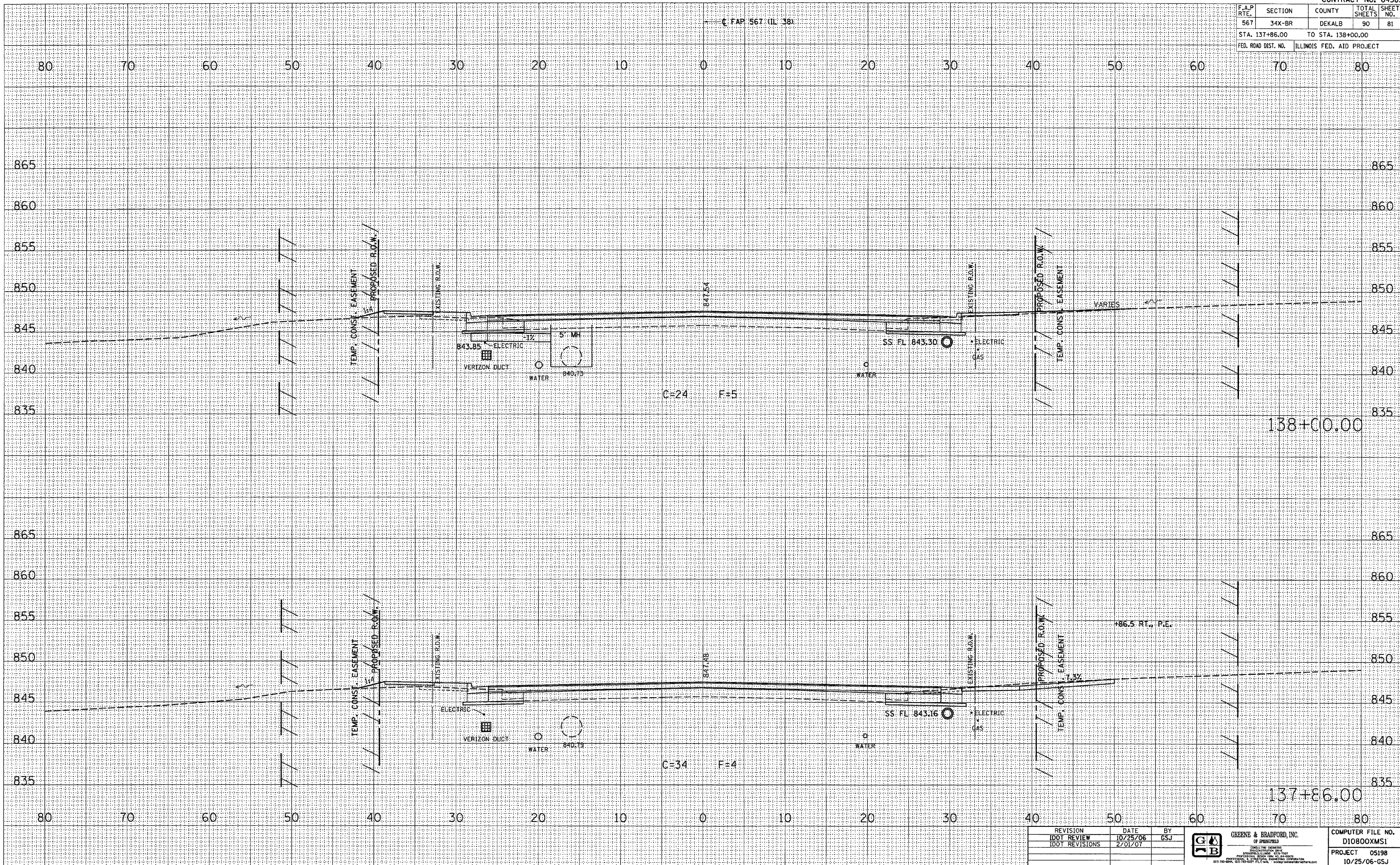
**CROSS SECTIONS -- MAINLINE**

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

DATE	
BY	
SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

PLOT DATE : 2/22/07  
 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  
 PROFESSIONAL ENGINEERS  
 LICENSE NO. 001-00000000  
 1015-2044, 625-75-5277, P.O. BOX 10000, SPRINGFIELD, ILLINOIS 62763-1000

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

**CROSS SECTIONS -- MAINLINE**

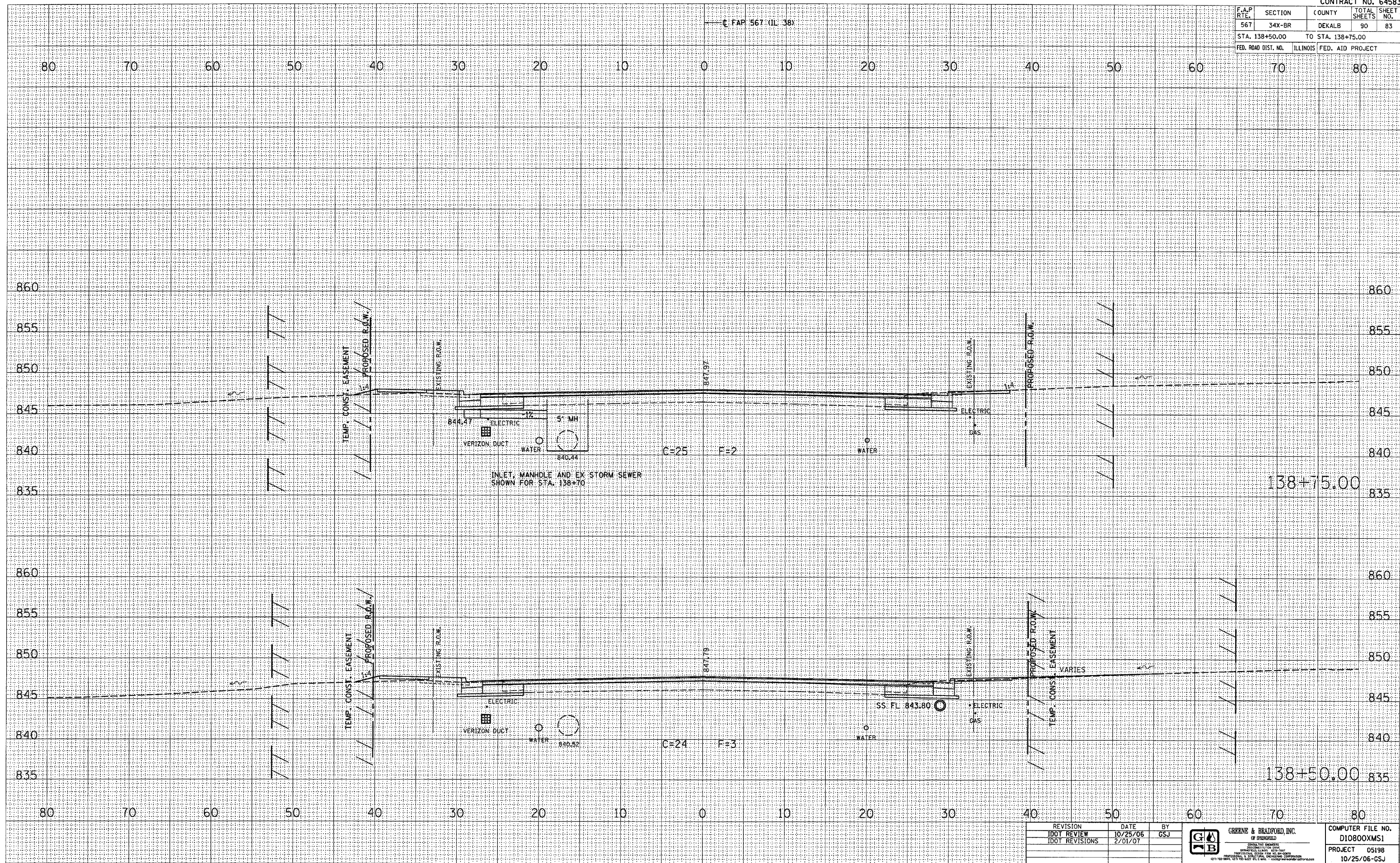


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	83
STA. 138+50.00		TO STA. 138+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	
SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

PLOT DATE = 2/2/2007  
 FILE NAME =  
 PLOT SCALE =  
 REFERENCE =  
 OPERATOR =



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

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 REGISTERED PROFESSIONAL ENGINEERS  
 ILLINOIS LICENSE NO. 021-00000000  
 PROFESSIONAL ENGINEERING CORPORATION  
 615 W. MONROE, SUITE 200, SPRINGFIELD, ILL. 62760  
 TEL: 217-223-8800 FAX: 217-223-8801

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

**CROSS SECTIONS -- MAINLINE**

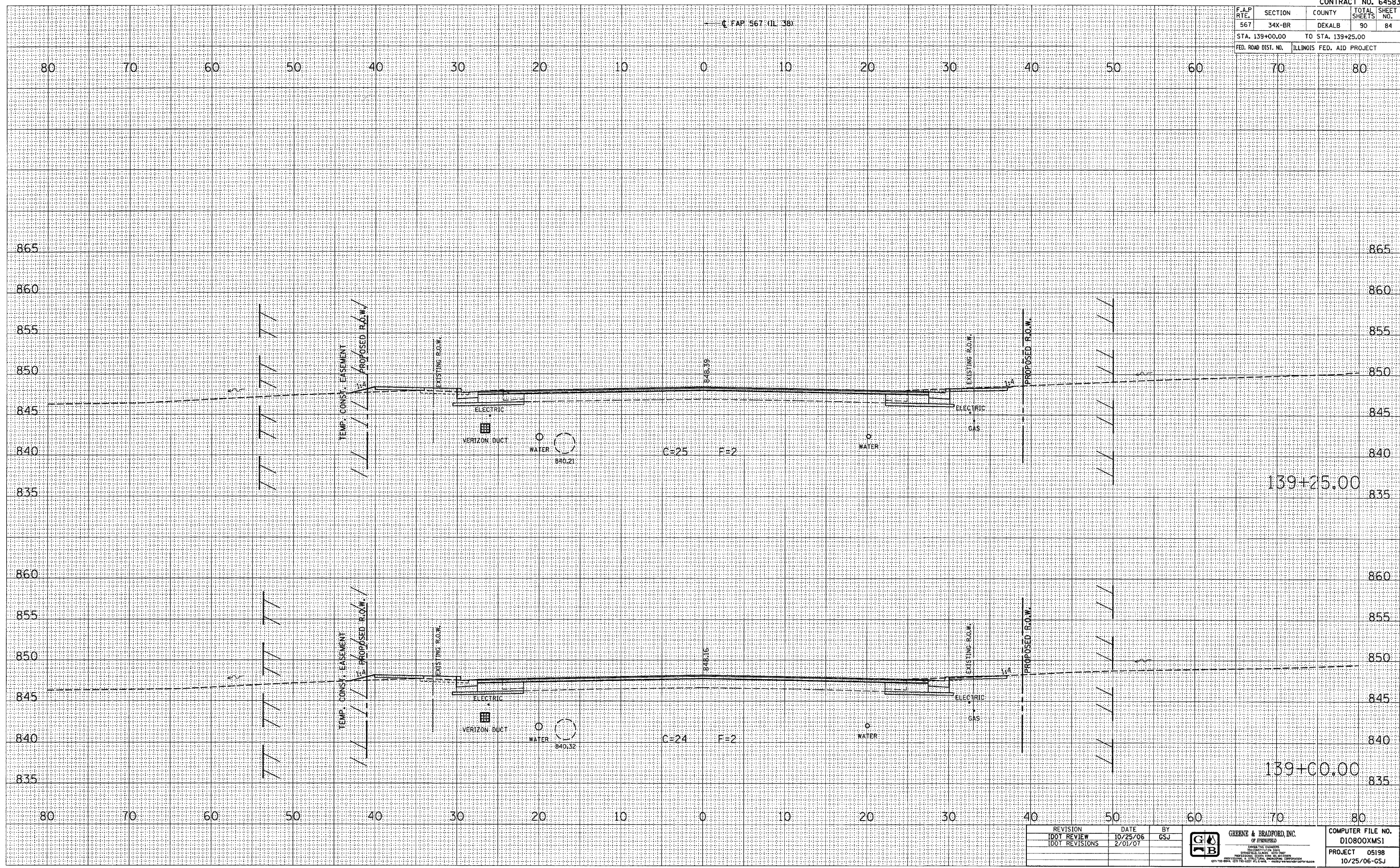
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	84
STA. 139+00.00		TO STA. 139+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

DATE	
BY	
FINAL SURVEY	
SURVEY	
NOTE BOOK	
TEMP. CONST. EASEMENT	
PLANTED	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLANTED	
NOTE BOOK	
TEMP. CONST. EASEMENT	
AREAS CHECKED	
NO.	

PLOT DATE : 2/22/2007  
 PLOT SCALE : 1"=40'  
 REFERENCE : \*REF\*  
 OPERATOR : \*USER\*



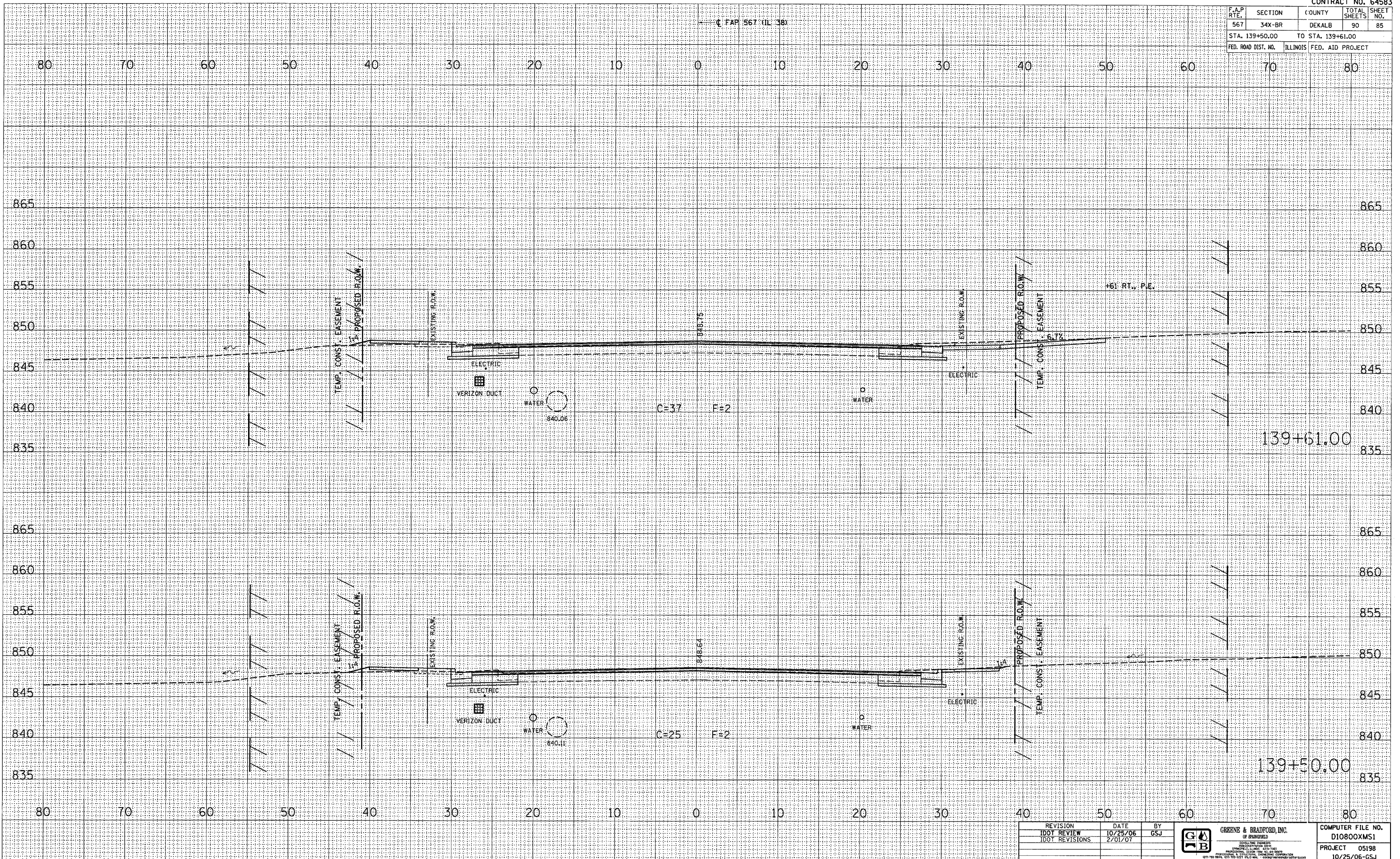
REVISION	DATE	BY
IDOT REVIEW	10/25/06	GSJ
IDOT REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 1000 N. WASHINGTON ST. SUITE 200  
 SPRINGFIELD, ILLINOIS 62761  
 (217) 244-4444 (217) 244-4444 FAX (217) 244-4444

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		



BY	DATE
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

PLOT DATE = 2/2/2007  
 FILE NAME = 8FILES  
 PLOT SCALE = 8SCL8  
 PLOT DATE = 2/2/2007  
 OPERATOR = 8USERS

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


**GREENE & BRADFORD, INC.**  
 OF ENGINEERS  
 4211 N. W. 11th St., Suite 100  
 Ft. Lauderdale, FL 33309  
 954-544-1111

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

**CROSS SECTIONS -- MAINLINE**

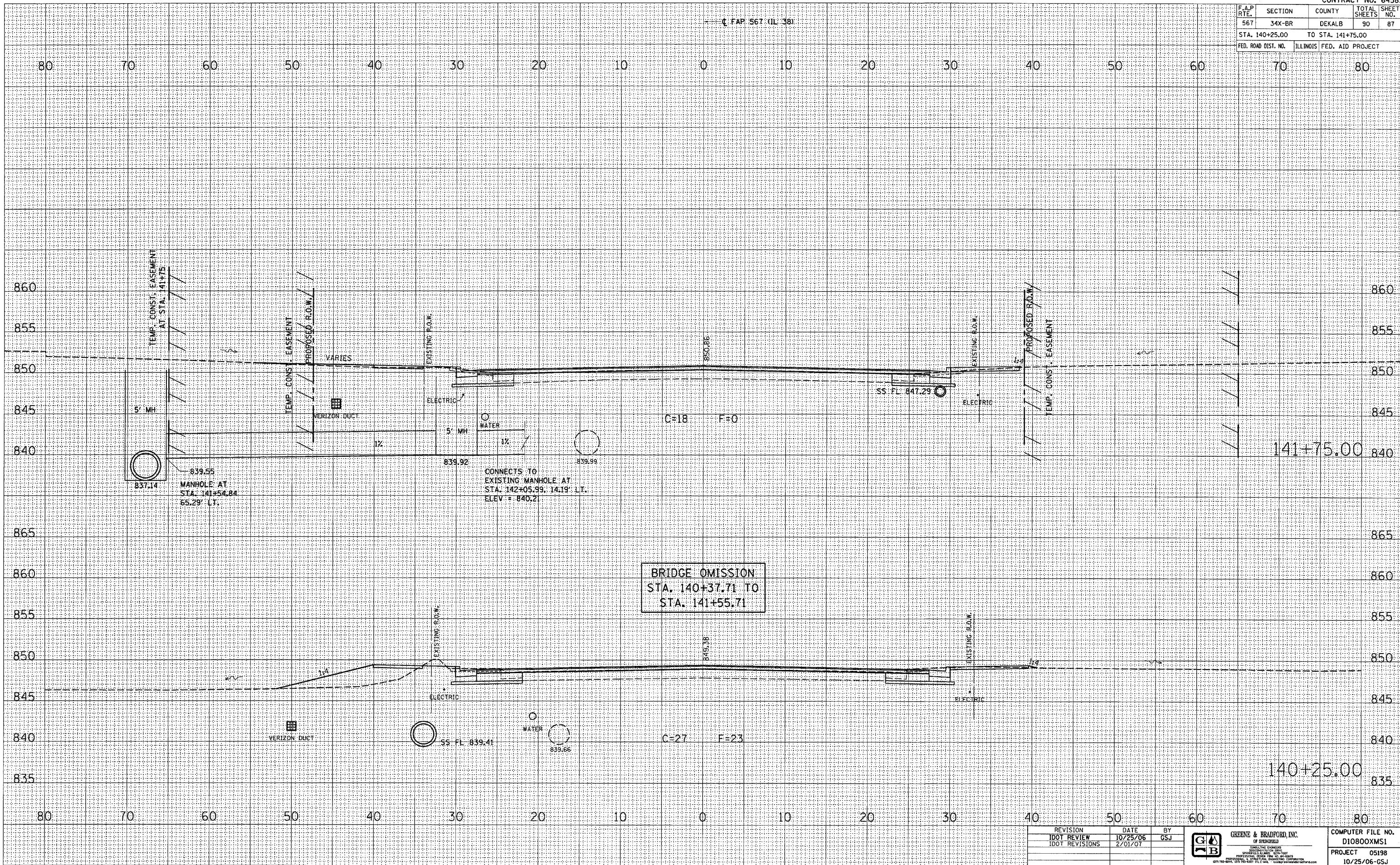


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	87
STA. 140+25.00 TO STA. 141+75.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	BY
NOTED	BY
AREAS CHECKED	BY

ORIGINAL SURVEY	DATE
PLOTTED	BY
NOTE BOOK	BY
AREAS CHECKED	BY

DATE	2/2/2007
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.**  
 OF SPRINGFIELD  
 PROFESSIONAL ENGINEERS  
 1015 S. WASHINGTON ST., SUITE 200  
 SPRINGFIELD, ILLINOIS 62761  
 (618) 264-1234 FAX (618) 264-1235

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

**CROSS SECTIONS - MAINLINE**

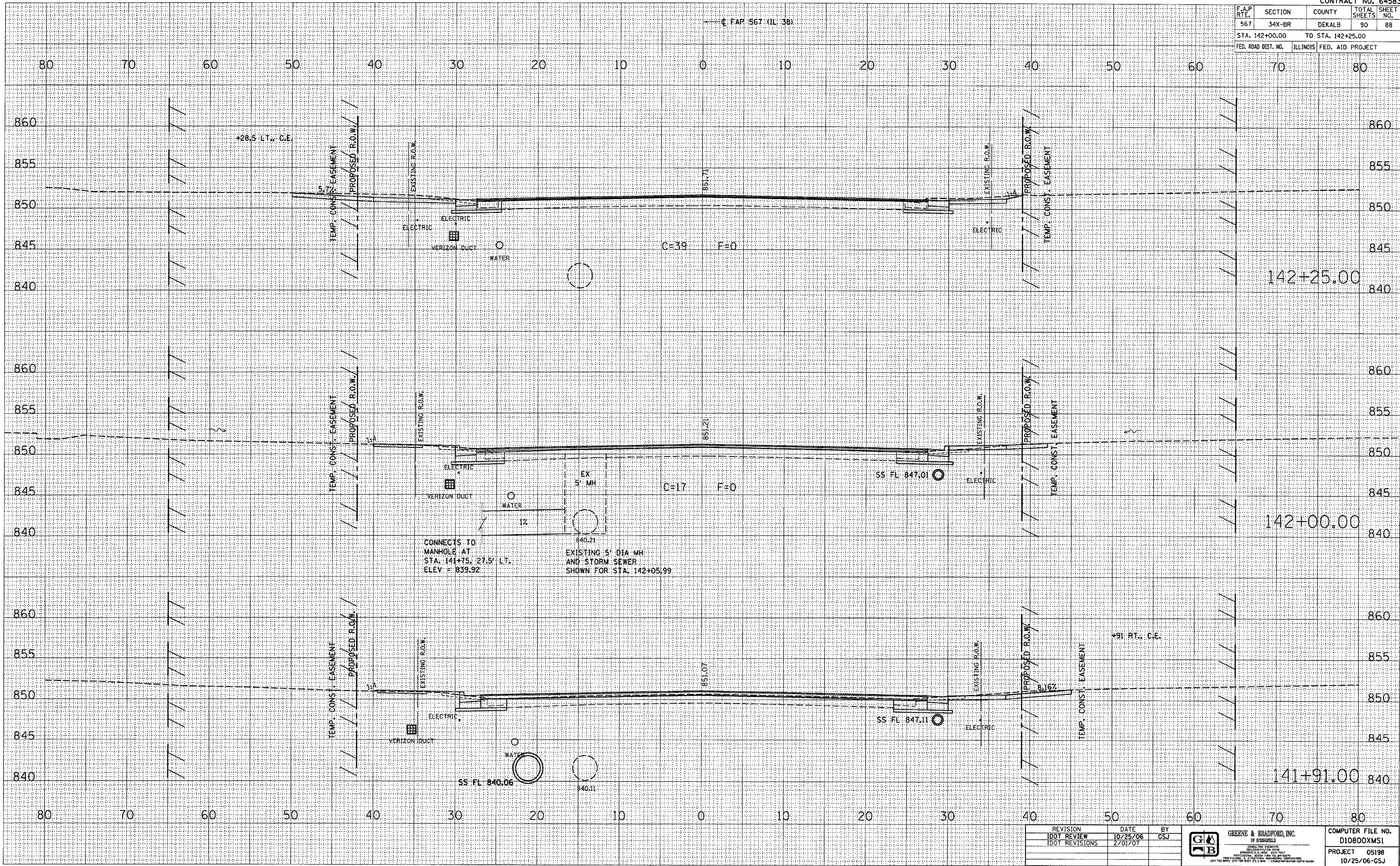


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	88
STA. 142+00.00		TO STA. 142+25.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY

DATE	BY

PLOT DATE = 2/22/2007  
 FILE NAME = 84LELS  
 PLOT SCALE = 84LELS  
 PLOTTING OPERATOR = RUSSE



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

	<b>GREENE &amp; BRADFORD, INC.</b> <small>OF SCARBOROUGH</small> <small>REGISTERED PROFESSIONAL ENGINEERS</small> <small>STATE OF ILLINOIS LICENSE NO. 079-077</small> <small>2401 113<sup>RD</sup> STREET, SUITE 300, SCARBOROUGH, ILLINOIS 60196</small> <small>401-753-8896, 401-753-8778 FAX</small>	COMPUTER FILE NO. D10800XMS1 PROJECT 05198 10/25/06-GSJ
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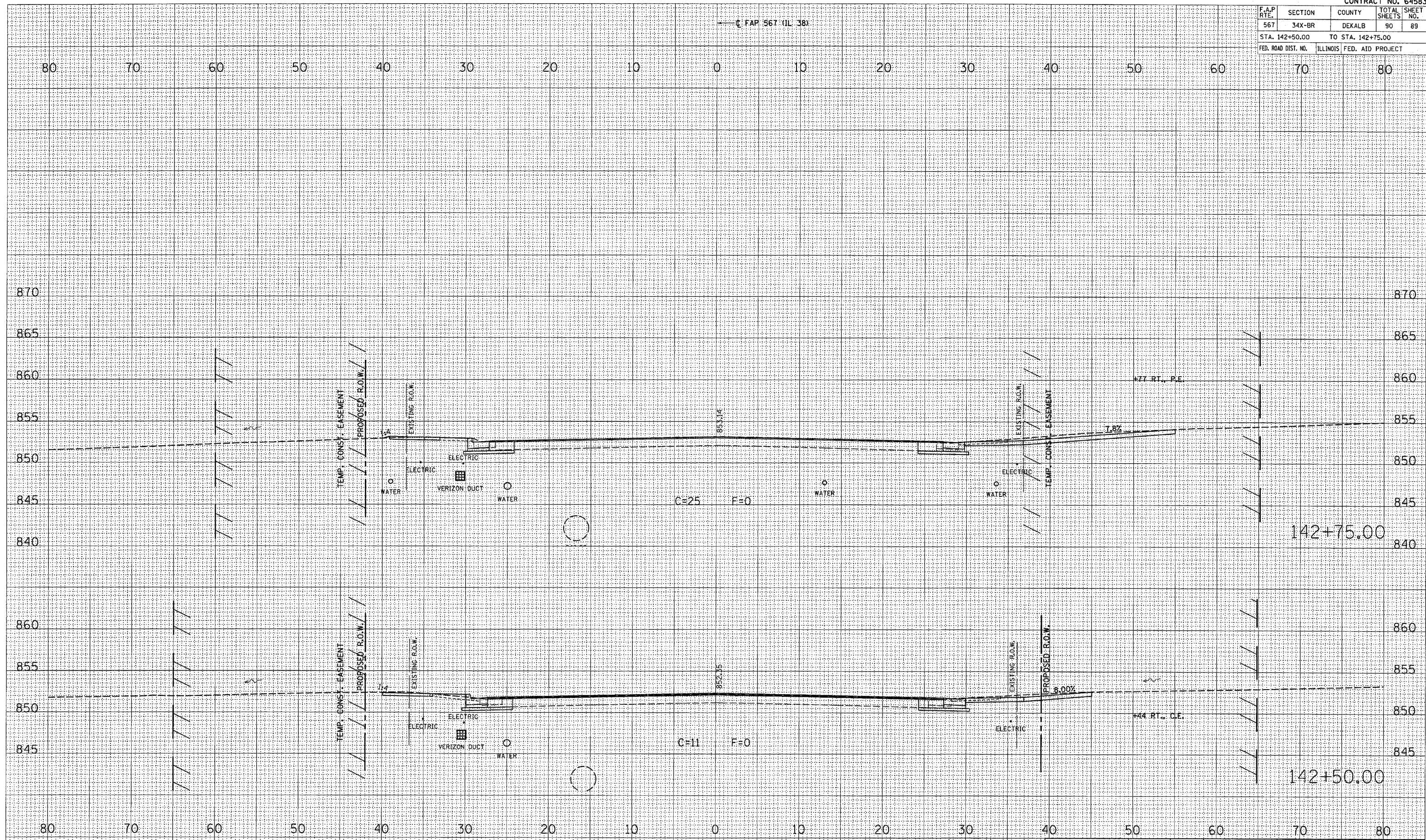
**CROSS SECTIONS - MAINLINE**

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
REVISIONS	BY
NOTED	DATE
TEMP. CONST. EASEMENT	AREAS CHECKED
PROPOSED R.O.W.	AREAS CHECKED
EXISTING R.O.W.	AREAS CHECKED
VERIZON DUCT	AREAS CHECKED
ELECTRIC	AREAS CHECKED
WATER	AREAS CHECKED

ORIGINAL SURVEY	DATE
REVISIONS	BY
NOTED	DATE
TEMP. CONST. EASEMENT	AREAS CHECKED
PROPOSED R.O.W.	AREAS CHECKED
EXISTING R.O.W.	AREAS CHECKED
VERIZON DUCT	AREAS CHECKED
ELECTRIC	AREAS CHECKED
WATER	AREAS CHECKED

PLOT DATE: 2/2/06  
 FILE NAME: 24X-BR  
 PLOT SCALE: 1"=40'  
 REFERENCE: \*REF\*  
 OPERATOR: \*USERS\*



REVISION	DATE	BY	 GREENE & BRADFORD, INC. OF SPRINGFIELD CONSULTING ENGINEERS 100 SOUTH MAIN STREET SPRINGFIELD, ILLINOIS 62761 PHONE: 217-223-1111 FAX: 217-223-1112 WWW: WWW.GREENE-AND-BRADFORD.COM	COMPUTER FILE NO.
IDOT REVIEW	10/25/06	GSJ		D10800XMS1
IDOT REVISIONS	2/01/07			PROJECT 05198
				10/25/06-GSJ

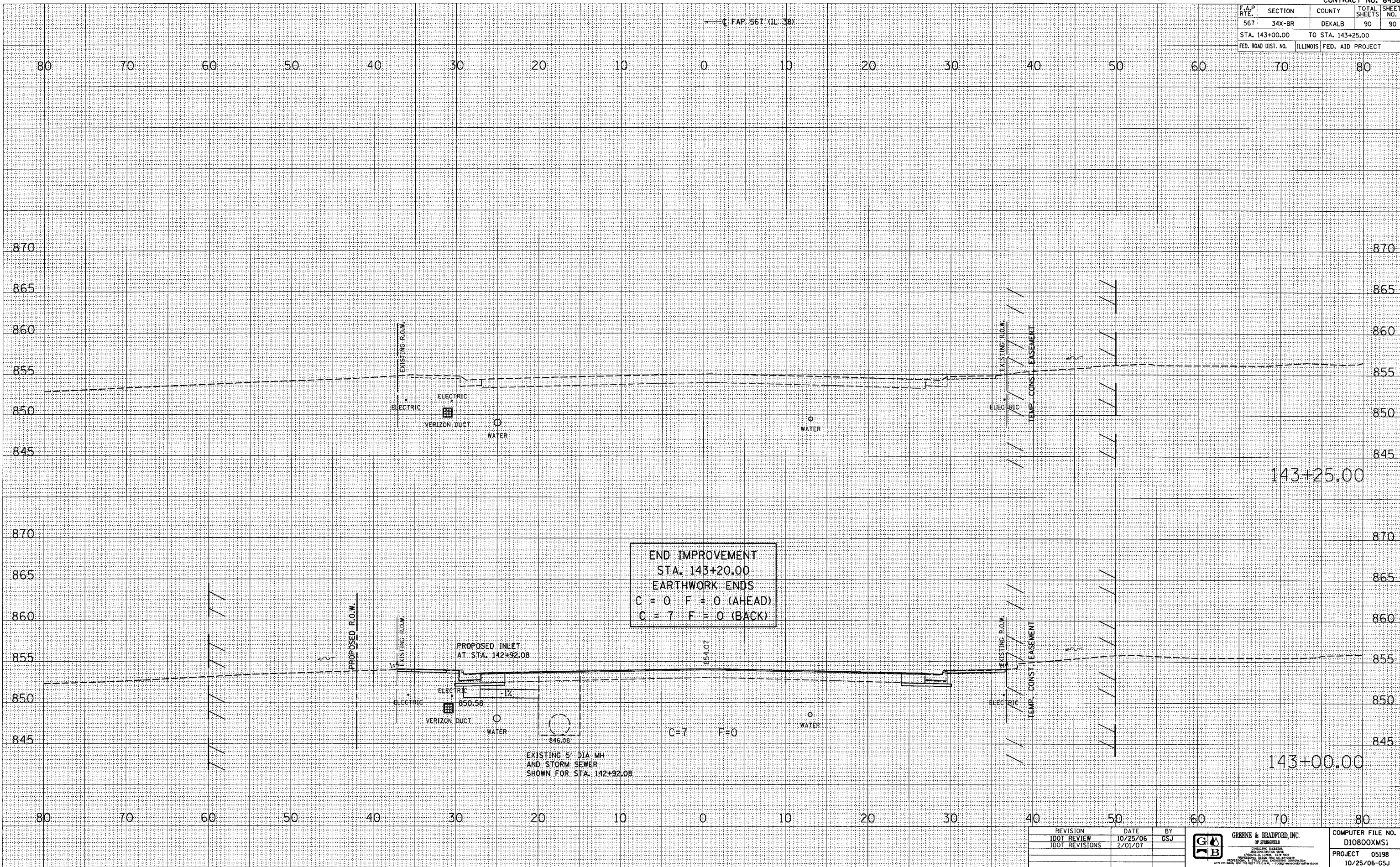
**CROSS SECTIONS - MAINLINE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
567	34X-BR	DEKALB	90	90
STA. 143+00.00		TO STA. 143+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

PLOT DATE = 2/22/2007  
 FILE NAME = #FILEL#  
 PLOT SCALE = #SCALE#  
 PLOT SIZE = #SIZE#  
 OPERATOR = #USER#



REVISION	DATE	BY
1007 REVIEW	10/25/06	GSJ
1007 REVISIONS	2/01/07	

**GREENE & BRADFORD, INC.**  
 CONSULTING ENGINEERS  
 PROFESSIONAL ENGINEERS  
 4271 75th Street, Suite 100, Chicago, IL 60630  
 (773) 554-8800, Fax (773) 554-8801, www.greenegb.com

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

**CROSS SECTIONS - MAINLINE**