

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	1
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 76304  
39 total sheets

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

FAU ROUTE 9393 (MAIN ST.)  
SECTION 37 BR  
PROJECT NO: M-9393(001)  
MADISON COUNTY  
CITY OF TROY- 0.40 MILES N. OF U.S. 40  
**CULVERT REPLACEMENT**

C-98-097-01

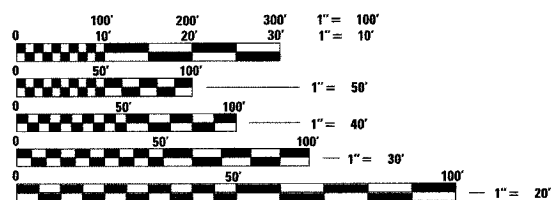
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**STANDARDS**

000001-04	604001-02	666001
001001-01	604006-02	701006-02
001006	604036-01	701321-08
280001-03	604066-01	701501-03
442201-02	604091-01	701801-03
602306-01	606001-03	702001-06
602401-01	630001-07	704001-03
602406-02	630301-04	780001-01
602601-01	635006-02	805001
602701-01	635011-01	

MICROFILMED \_\_\_\_\_  
REEL NUMBER \_\_\_\_\_  
AWARDED \_\_\_\_\_  
RESIDENT ENGINEER \_\_\_\_\_  
AS BUILT CHANGES WERE MADE  
ON THE FOLLOWING SHEETS



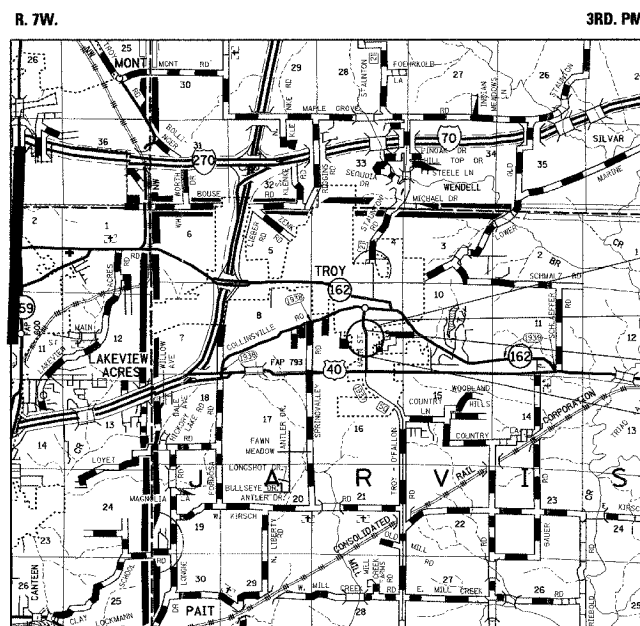
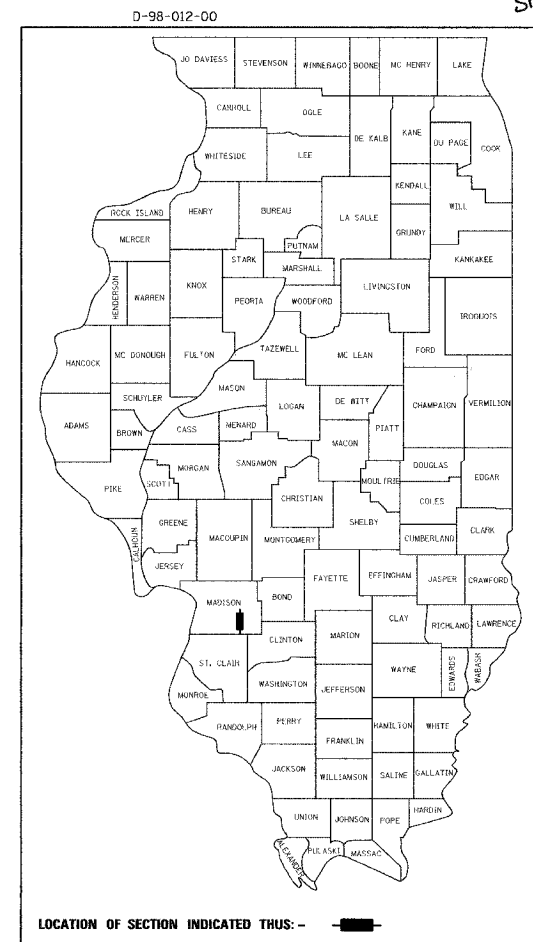
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**CONTRACT NO. 76304**

FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL (URBAN)  
ADT = 7,800 (1996) 11,100 (2020)

GROSS PROJECT LENGTH = 545.62 FT (0.103 MILE)  
NET PROJECT LENGTH = 545.62 FT (0.103 MILE)



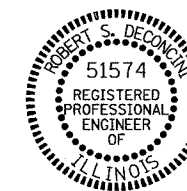
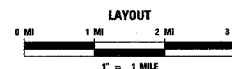
PROJECT LOCATION

BEGIN STA = 26+57.00

STRUCTURE NO. 060-2407  
STA. 28+88.77

END STA = 32+02.62

PROJECT BEGIN (APPROX.)  
LATITUDE: 89°53'00" W  
LONGITUDE: 38°43'30" N  
PROJECT END (APPROX.)  
LATITUDE: 89°52'59" W  
LONGITUDE: 38°43'24" N



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED March 22, 2007  
Mary C. Romo  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

PASSED May 11, 2007  
Eric E. Harman  
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

APPROVED May 11, 2007  
Milton R. Seep  
DIRECTOR, DIVISION OF HIGHWAYS

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

Robert A. DeConcini 01/17/07  
ROBERT S. DECONCINI, P.E. DATE  
LICENSE NO. 062-51574 EXPIRES 11-30-2007

PREPARED BY:  
**TWM** THOUVENOT, WADE & MOERCHEN, INC.

FIR RANGE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9393	37-BR	MADISON	38	2
STA.	TO STA.			

EXISTING CONDITIONS: CONTRACT NO. 76304

**GENERAL NOTES**

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGE HIS OPERATIONS IN ORDER THAT THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.

THE TYPE, SIZE, AND LOCATION OF UTILITIES AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS BUILT" OR RECORD DRAWINGS; FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES; OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM AND VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

EVERY TREE SHALL BE SAVED IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.

THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN PER PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

IT IS INTENDED THAT ANY CULVERTS DAMAGED BY OR REMOVED BY THE CONTRACTOR OTHER THAN THOSE NOTED ON THE PLANS TO BE REMOVED WILL HAVE TO BE REMOVED AND/OR REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.

ALL MATERIALS SUCH AS FRAMES AND GRATES AND STORM SEWER PIPE SCHEDULED FOR REMOVAL, THAT ARE CONSIDERED TO BE SUITABLE FOR FUTURE USE, SHALL BE SALVAGED AND STOCKPILED AS DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS SCHEDULED FOR REMOVAL BUT NOT SALVAGED, SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.

ALL STORM SEWER AND CULVERT PIPE TO BE REMOVED WHICH THE ENGINEER DEEMS FIT FOR RE-USE SHALL BE SALVAGED IN ACCORDANCE WITH ARTICLES 501.02 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL OTHER STORM SEWER AND CULVERT PIPE SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03.

ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.

NO OVERNIGHT LANE CLOSURES ON MAIN STREET WILL BE ALLOWED.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF TROY AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR THE BASE COURSE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

NO VIBRATORY ROLLER WILL BE ALLOWED.

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CALLING J.U.L.I.E. AND FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMERIN IP - GAS
- AMERIN IP - ELECTRIC
- SBC - COMMUNICATIONS
- CHARTER COMMUNICATIONS INC. - CABLE TV
- CITY OF TROY - WATER AND SANITARY SEWER

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

IN THE EVENT THAT CONCRETE PAVEMENT IS ENCOUNTERED PRIOR TO REACHING THE HOT MIX ASPHALT SURFACE REMOVAL THICKNESS STATED ON THE PLANS, THE CONTRACTOR SHALL REMOVE THE FULL-DEPTH OF THE EXISTING HOT MIX ASPHALT SURFACE. THE CONTRACTOR SHALL NOT MILL THE EXISTING CONCRETE PAVEMENT TO OBTAIN THE REMOVAL THICKNESS STATED ON THE PLANS. ADDITIONAL COSTS TO PERFORM THIS WORK SHALL BE CONSIDERED INCIDENTAL TO HOT MIX ASPHALT SURFACE REMOVAL 1 1/2".

DURING STAGE CONSTRUCTION, THE CONTRACTOR SHALL CONSTRUCT THE PAVEMENT UP TO THE TOP OF THE LEVELING BINDER ONLY. THE HOT MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL STAGE CONSTRUCTION HAS BEEN COMPLETED.

"ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT LIMITS PLUS ALL INTERSECTING SIDE ROADS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	BINDER	INCIDENTAL SURF.	LEVELING BINDER
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)				
FRICITION AGG	MIXTURE "D"	N/A	MIXTURE "C"	N/A

PLAN QUANTITIES FOR HOT MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SO YD/IN

**COMMITMENTS**

TREE FELLING SHOULD BE RESTRICTED TO THE DATES BETWEEN SEPTEMBER 30 AND APRIL 1 OF ANY YEAR DUE TO THE INDIANA BATS BREEDING SEASON.

PLAN	DATE
NO.	
BY	
DATE	
BY	
DATE	
BY	
DATE	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL NOTES**  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY  
 DRAWN BY:

# SUMMARY OF QUANTITIES

FAP NAME	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9393	37-BR	MADISON	38	3
STA.	TO STA.			
EXISTING CONDITIONS:				

CONTRACT NO. 76304

SUMMARY OF QUANTITIES		UNIT	CONSTRUCTION TYPE CODE		
CODE NO	ITEM		I000-2A FED 80% STATE 20%	Y007 FED 80% STATE 20%	URBAN TOTAL QUANTITIES
<del>X0323188</del>	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	599		599
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	219		219
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	128		128
20200100	EARTH EXCAVATION	CU YD	2,194		2,194
20400800	FURNISHED EXCAVATION	CU YD	2,356		2,356
20800150	TRENCH BACKFILL	CU YD	244		244
25000115	SEEDING, CLASS 1B	ACRE	0.3		0.3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27		27
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27		27
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27		27
25100115	MULCH, METHOD 2	ACRE	0.3		0.3
25100630	EROSION CONTROL BLANKET	SQ YD	370		370
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	60		60
28000300	TEMPORARY DITCH CHECKS	EACH	1		1
28000400	PERIMETER EROSION BARRIER	FOOT	576		576
28000500	INLET AND PIPE PROTECTION	EACH	9		9
28100109	STONE RIPRAP, CLASS A5	SQ YD	106		106
28200200	FILTER FABRIC	SQ YD	228		228
28300470	AGGREGATE DITCH 12"	SQ YD	122		122
30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	1,051		1,051
30201500	LIME	TON	20		20
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	787		787
35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	128		128
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	161		161
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.6		1.6
40600300	AGGREGATE (PRIME COAT)	TON	1		1
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	45		45
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	115		115
40600990	TEMPORARY RAMP	SQ YD	28		28
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	604		604
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	168		168
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	6		6
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	193		193
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2,588		2,588
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	251		251
44000100	PAVEMENT REMOVAL	SQ YD	1,409		1,409
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	222		222
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,091		1,091
44000600	SIDEWALK REMOVAL	SQ FT	2,094		2,094
44200074	PAVEMENT PATCHING, TYPE I, 7 INCH	SQ YD	18		18
44200079	PAVEMENT PATCHING, TYPE II, 7 INCH	SQ YD	10		10
44200084	PAVEMENT PATCHING, TYPE III, 7 INCH	SQ YD	58		58
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	503		503
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50104400	CONCRETE HEADWALL REMOVAL	EACH	1		1
50800105	REINFORCEMENT BARS	POUND		46,140	46,140
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND		3,380	3,380
50800515	BAR SPLICERS	EACH		88	88
54003000	CONCRETE BOX CULVERTS	CU YD		254.1	254.1

SUMMARY OF QUANTITIES		UNIT	CONSTRUCTION TYPE CODE		
CODE NO	ITEM		I000-2A FED 80% STATE 20%	Y007 FED 80% STATE 20%	URBAN TOTAL QUANTITIES
54220012	PIPE CULVERTS, CLASS D, TYPE 2 12" (TEMPORARY)	FOOT	315		315
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	73		73
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	190		190
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	75		75
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	42		42
55100500	STORM SEWER REMOVAL 12"	FOOT	52		52
55100700	STORM SEWER REMOVAL 15"	FOOT	250		250
55100900	STORM SEWER REMOVAL 18"	FOOT	64		64
55101400	STORM SEWER REMOVAL 30"	FOOT	28		28
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1		1
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1		1
* 60228110	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
* 60228300	DROP SANITARY MANHOLES, WITH TYPE 1 FRAME, CLOSED LID	EACH	1		1
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1		1
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2		2
60244200	INLETS, SPECIAL, WITH TYPE 15 FRAME AND LID	EACH	1		1
60500040	REMOVING MANHOLES	EACH	2		2
60500050	REMOVING CATCH BASINS	EACH	7		7
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,091		1,091
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	187.5		187.5
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4		4
63200310	GUARDRAIL REMOVAL	FOOT	125		125
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	10		10
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9		9
67100100	MOBILIZATION	L SUM	1		1
70101205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321 (SPECIAL)	EACH	1		1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100		100
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1
70106700	TEMPORARY RUMBLE STRIP	EACH	6		6
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	224		224
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	37		37
70400500	TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	525		525
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,620		1,620
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8		8
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4
78300100	PAVEMENT MARKING REMOVAL	SQ FT	239		239
* XX002029	SANITARY SEWER REMOVAL, 8"	FOOT	125		125
XX003503	FLARED END SECTION REMOVAL	EACH	1		1
* XX003802	SANITARY SEWER D.I.P. PCL 350 8"	FOOT	125		125
* XX004360	SANITARY SEWER BYPASS PUMPING	L SUM	1		1
X7200200	WIDE LOAD SIGNING	L SUM	1		1
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100		100
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	4		4

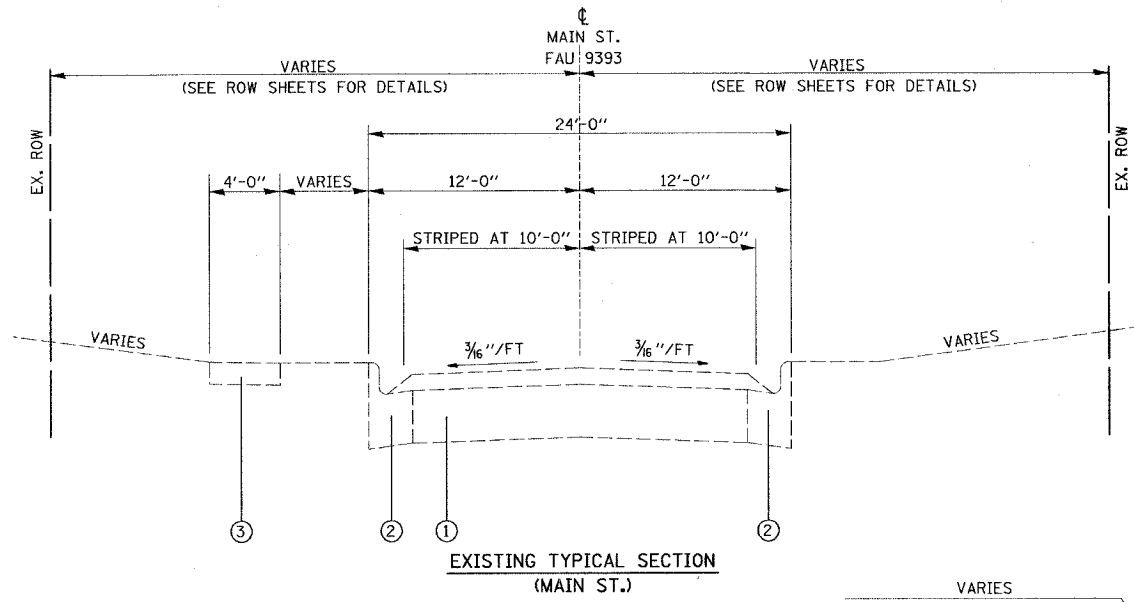
\*SPECIALTY ITEMS

Rev

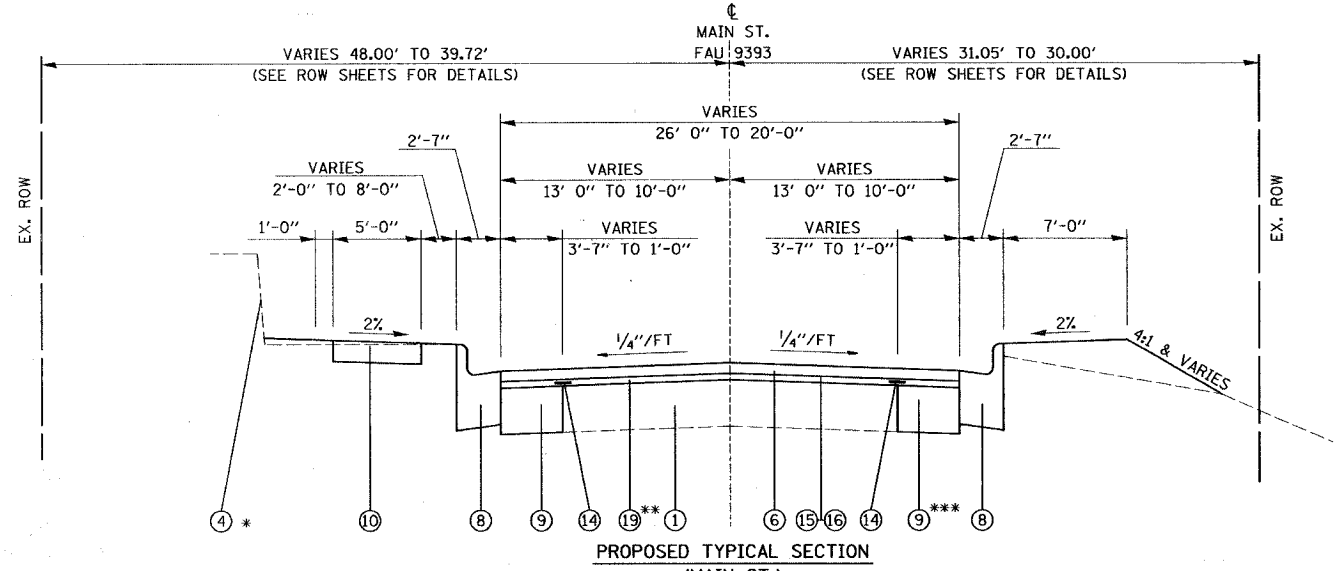
FAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	4
STA. 26+57.00		TO STA. 32+02.62		

EXISTING CONDITIONS: CONTRACT NO. 76304

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
	PT. OF WAY CHECKED	
	PAID FILE NAME	



EXISTING TYPICAL SECTION (MAIN ST.)



PROPOSED TYPICAL SECTION (MAIN ST.)

\* RETAINING WALL BEGINS STA. 30+52.59

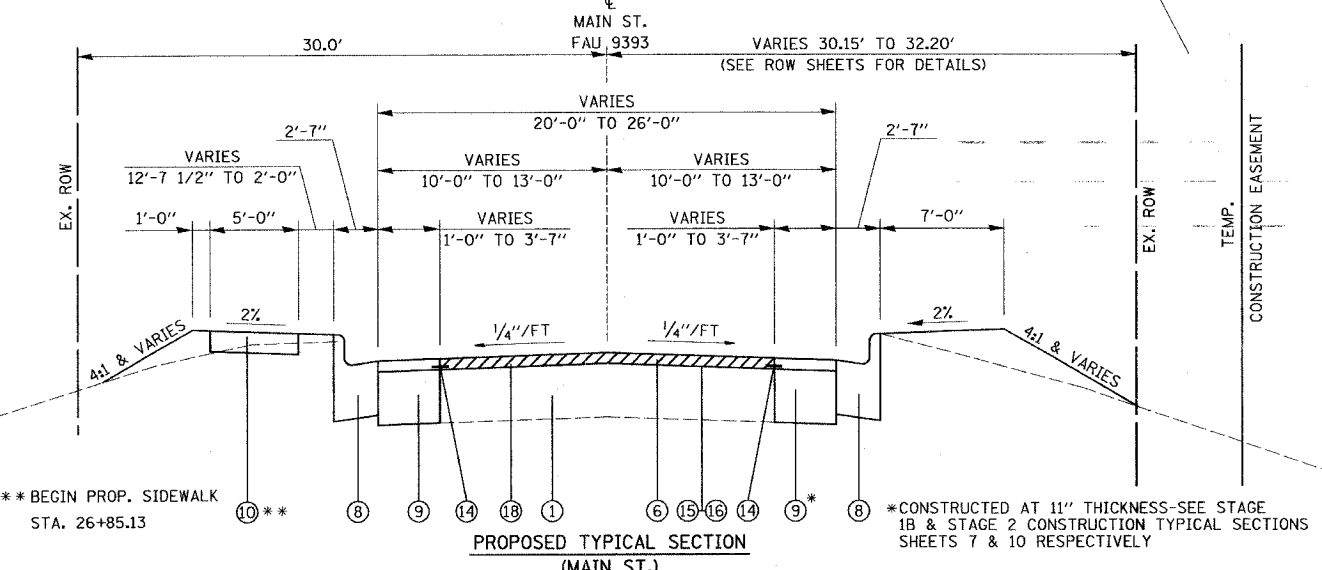
STA. 30+82.62 TO STA. 32+02.62 LT  
STA. 30+59.27 TO STA. 32+02.62 RT

\*\* LEVELING BINDER BEGINS AT STATION 30+82.62 LT/30+59.27 RT AND ENDS AT STATION 31+49.20. DEPTH VARIES FROM 0" TO 5 1/4"

\*\*\* CONSTRUCTED AT 11" THICKNESS-SEE STAGE 1B & STAGE 2 CONSTRUCTION TYPICAL SECTIONS SHEETS 7 & 10 RESPECTIVELY

LEGEND

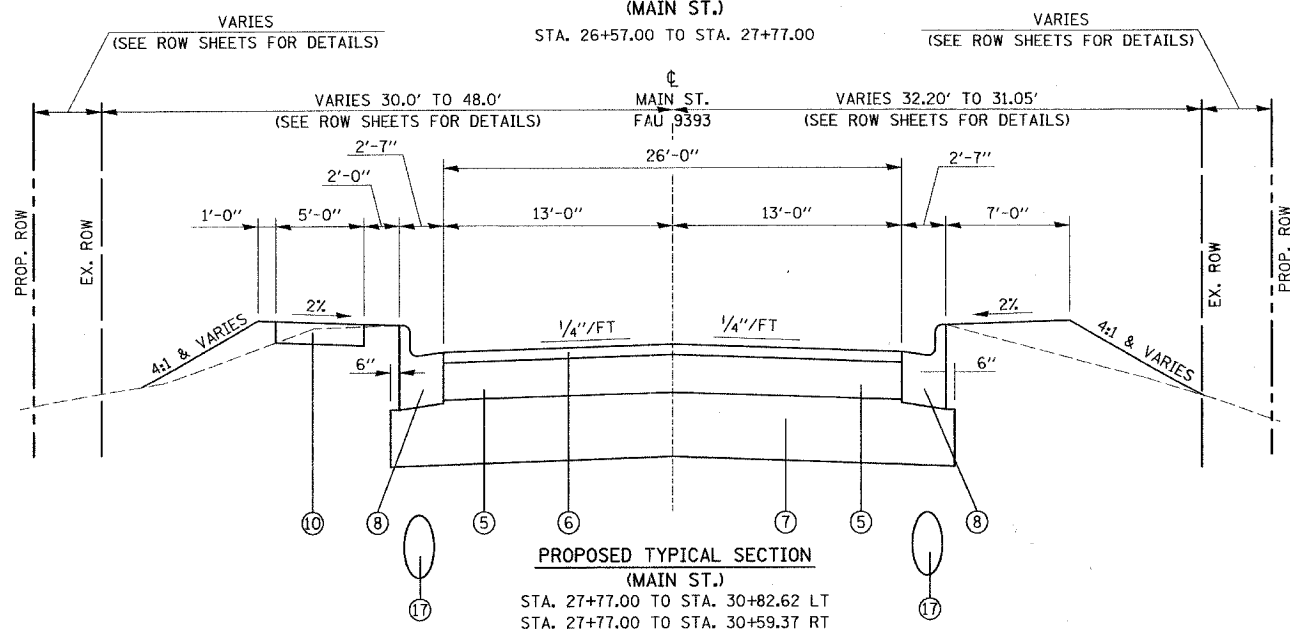
- ① EXISTING PCC PAVEMENT WITH 1 1/2" BITUMINOUS OVERLAY
- ② EXISTING COMBINATION CURB AND GUTTER
- ③ EXISTING CONCRETE SIDEWALK, 4"
- ④ EXISTING RETAINING WALL
- ⑤ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (7 1/2")
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- ⑦ PROPOSED MODIFIED SOIL, 12"
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑨ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑩ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑪ PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- ⑫ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (5")
- ⑬ TEMPORARY CONCRETE BARRIER
- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑮ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑯ PROPOSED AGGREGATE (PRIME COAT)
- ⑰ PROPOSED STORM SEWER (SEE DRAINAGE SHEET FOR DETAILS ON TYPE, SIZE, STATION, OFFSET AND ELEVATION)
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑲ PROPOSED LEVELING BINDER (MACHINE METHOD), N70



PROPOSED TYPICAL SECTION (MAIN ST.)

\*\* BEGIN PROP. SIDEWALK STA. 26+85.13

\* CONSTRUCTED AT 11" THICKNESS-SEE STAGE 1B & STAGE 2 CONSTRUCTION TYPICAL SECTIONS SHEETS 7 & 10 RESPECTIVELY



PROPOSED TYPICAL SECTION (MAIN ST.)

STA. 27+77.00 TO STA. 30+82.62 LT  
STA. 27+77.00 TO STA. 30+59.37 RT

NOTE: TYPICAL SECTION FOR RUNAROUND INCLUDED IN STAGING PLANS, SHEETS 7 & 10

STRUCTURAL DESIGN TRAFFIC: PV= 9690	SU= 250	MU= 40
ROAD/STREET CLASSIFICATION: CLASS II		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: P= 50%	S= 50%	M= 50%
TRAFFIC FACTOR: ACTUAL TF= 0.45	AC TYPE= PG	
	MINIMUM TF= 0.50	
AC GRADE: BINDER= PG 64-22	SURFACE= PG 64-22	
SUBGRADE SUPPORT RATING: SSR= POOR (STA. 26+57.00 TO 32+02.62)		
USE: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (7 1/2")		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
FAU ROUTE 9393 (MAIN ST.)  
SECTION 37-BR  
MADISON COUNTY  
DRAWN BY:

LOCATION STATION TO STATION	LT	RT	HOT-MIX ASPHALT BASE COURSE WIDENING - 8" (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TON)	HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (TON)	LEVELING BINDER (MACHINE METHOD), N70 (TON)	AGGREGATE BASE COURSE TYPE A-6" (SQ YD)	BIT. MATERIALS (PRIME COAT) (TON)	AGGREGATE (PRIME COAT) (TON)	STRIP REFLECTIVE CRACK CONTROL TREATMENT (FEET)	PROCESS MODIFIED SOIL 12" (SQ YD)	LIME (TON)	PAVEMENT REMOVAL (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL - 1 1/2" (SQ YD)	HOT-MIX ASPHALT SURF. REMOVAL - BUTT JOINT (SQ YD)
26+57.00 TO 27+77.00	X		30.5	17.3				0.05	0.25	120				125.5	
26+57.00 TO 27+77.00		X	30.5	17.3				0.05	0.25	120				125.5	
27+77.00 TO 30+82.62	X			49.5	185.5						546.0	10.6	319.7		
27+77.00 TO 30+59.37		X		45.8	171.5						504.5	9.8	295.3		
30+82.62 TO 32+02.62	X		30.5	17.1				0.05	0.25	120					
30+50.00 TO 31+49.20	X	X				45									
30+59.37 TO 32+02.62	X		36.5	21.0				0.06	0.25	143					
31+47.83 TO 32+02.62	X	X													115.0
0+69.07 TO 5+51.59					247.1		732.3	1.24					794		
TOTAL:			128.0	168.0	604.1	45	732.3	1.5	1	503	1050.5	20.4	1409.0	251.0	115.0

STATION	PCC DRIVEWAY PAVEMENT 6" (SQ YD)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	AGGREGATE SURFACE COURSE-T-A, 6" (SQ YD)	AGGREGATE BASE COURSE-T-A, 6" (SQ YD)	AGGREGATE FOR TEMPORARY ACCESS (TON)	BITUMINOUS MATERIALS (PRIME COAT) (TON)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
26+78.57 RT AGG. P.E.	23.8		33.1				
26+95.19 LT CONC. P.E.	40.6						39.7
27+19.24 LT CONC. P.E.	24.9						23.7
27+95.31 RT BIT. P.E.	17.2	6		55		0.1	90.1
29+50.72 LT AGG. P.E.	16.3		12.4		33.3		
30+58.00 RT CONC. P.E.	52.7						68.0
31+81.63 RT AGG. P.E.	17.9		35.2				
TEMP. RUNAROUND							
1+75.81 RT AGG. P.E.			37.9		33.3		
4+38.35 RT AGG. P.E.			42.3		33.3		
TOTAL:	193.4	6	160.9	55.0	100.0	0.1	221.5

LOCATION STATION TO STATION	LT	RT	SIDEWALK REMOVAL (SQ FT)	COMB. CURB & GUTTER REMOVAL (FEET)	REMOVING MANHOLES (EACH)	REMOVING CATCH BASIN (EACH)	CONCRETE HEADWALL REM. (EACH)	FLARED END SECTION REMOVAL (EACH)
26+57.00 TO 27+77.00	X		242.0	120.0				
26+57.00 TO 27+77.00		X		120.0				
27+77.00 TO 30+82.62	X		1307.0	305.5				
27+77.00 TO 30+59.37		X		282.3				
28+33.71	X				1			
28+40.17	X							
28+40.70		X						1
28+48.00 TO 29+47.06		X						
28+54.35 TO 29+32.50		X						
29+10.51	X				1			
29+10.80		X				1		
29+14.71		X					1	
29+68.26		X			1			
29+70.68	X							
29+71.24		X						
31+00.00		X						
30+82.62 TO 32+02.62	X		545.0	120.0				
30+59.37 TO 32+02.62		X		143.2				
TOTAL:			2094.0	1091.0	2.0	7	1	1

LOCATION STATION TO STATION	LT	CL	RT	4" MARKINGS			PAVEMENT MARKING REMOVAL SQ FT
				EDGELINE WHITE (FOOT)	SKIP-DASH YELLOW (FOOT)	SOLID YELLOW (FOOT)	
26+57.00 TO 32+02.62	X			545.6			
26+57.00 TO 27+77.00	X	X					80.0
26+57.00 TO 27+77.00			X				10.0
26+57.00 TO 32+02.62			X	545.6			
28+57.00 TO 32+02.62			X		136.2	392.6	
30+82.62 TO 32+02.62	X						40.0
30+59.37 TO 32+02.62			X				61.08
30+59.37 TO 32+02.62			X				47.75
TOTAL:				1091.2	136.2	392.6	239

LOCATION	LT	RT	SPBGR. TYPE A FEET	TRAFFIC BARRIER TERMINAL, TYPE I, SPEC. (TANGENT) EACH	TERMINAL MARKER DIRECT APPLIED EACH	GUARDRAIL REMOVAL FEET	GUARDRAIL MARKER, TYPE MONO DIR. SILVER EACH
STA 27+38.50 TO STA 27+88.50	X			1	1		
STA 27+88.50 TO STA 28+88.50	X		100.0				4
STA 28+12.50 TO STA 28+62.50		X		1	1		
STA 28+62.50 TO STA 29+25.00		X	62.5				
STA 28+62.50 TO STA 29+50.00		X					4
STA 28+88.50 TO STA 29+38.50	X			1	1		
STA 29+25.00 TO STA 29+50.00		X	25.0				
STA 29+50.00 TO STA 30+00.00		X		1	1		
28+31.85 TO 29+56.15		X				125.0	
TOTAL:			187.5	4	4	125.0	8

LOCATION	LT	RT	PAVEMENT PATCHING, TYPE I, 7 INCH	PAVEMENT PATCHING, TYPE II, 7 INCH	PAVEMENT PATCHING, TYPE III, 7 INCH
			SQ YD	SQ YD	SQ YD
29+46.00	X		4.44		
29+46.00		X	4.44		
30+62.00	X				18.89
30+62.00		X			18.89
31+09.00	X				20.00
31+58.00	X			9.53	
32+08.00	X		4.44		
32+08.00		X	4.44		
TOTAL:			18	10	58

PLAN SURVEYED BY DATE  
 NOTE BOOK ALIGNMENT CHECKED  
 RT. OF WAY CHECKED  
 NO. FILE NAME

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULES OF QUANTITIES  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY  
 DRAWN BY: SCK

NO.	STATION	OFFSET	6' MH T-A		INLET T-B		4' MH T-A		FLAT SLAB TOP	FLOWLINE	INVERT
			T-3 F&G	T-24 F&G	T-3 F&G	T-24 F&G	T-15 SPEC.	T-1 F CL			
1	28+40.00	14.9	LT							536.44	523.50
2	28+65.00	14.0	LT	1					1	536.39	521.60
3	28+50.00	14.0	RT						1	536.41	532.16
4	28+65.00	14.0	RT			1			1	536.39	531.92
5	29+71.00	14.0	LT				1		1	537.27	533.02
6	29+65.44	17.1	RT					1	1	537.27	528.00
7	31+55.77	14.0	RT					1	1	542.93	539.00
TOTAL:				1	1	1	2	1	7		

FROM STATION	OFFSET (FEET)	TO STATION	OFFSET (FEET)	TYPE	SIZE AND LENGTH OF PIPE (FEET)				TRENCH BACKFILL (CU YD)		
					CIRCULAR						
					12"	15"	18"	30"			
28+40.00	14.9	LT	28+65.00	14.0	LT	CLASS A, TYPE 2			25.0	62.3	
28+65.00	14.0	LT	28+81.55	14.0	LT	CLASS A, TYPE 2			16.5	47.7	
28+50.00	14.0	RT	28+65.00	14.0	RT	CLASS A, TYPE 1	15.0			4.2	
28+65.00	14.0	RT	28+65.00	14.0	RT	CLASS A, TYPE 1	28.0			35.7	
29+71.00	14.0	LT	29+71.00	15.7	RT	CLASS A, TYPE 1	30.0			24.7	
29+06.33	54.3	RT	29+71.00	15.7	RT	CLASS A, TYPE 2		75.0			
29+65.44	17.1	RT	31+55.77	14.0	RT	CLASS A, TYPE 2			190.0	69.1	
TOTAL:								73.0	190.0	75.0	243.7

FROM STATION	OFFSET (FEET)	TO STATION	OFFSET (FEET)	TYPE	SIZE AND LENGTH OF PIPE (FEET)		U. S. ELEV.	D. S. ELEV.	
					CIRCULAR				
					12"				
STAGE 1A									
29+10.39	26.91	LT	29+10.51	12.62	LT	CLASS D, TYPE 2	14	*	*
29+10.82	14.86	RT	29+68.11	15.46	RT	CLASS D, TYPE 2	55	*	*
STAGE 1B									
27+79.71	37.99	RT	28+18.72	52.5	RT	CLASS D, TYPE 2	42.0	535.12	533.90
28+52.34	19.4	RT	28+51.09	61.6	RT	CLASS D, TYPE 2	43.0	533.70	528.57
29+32.15	22.0	RT	28+51.09	72.6	RT	CLASS D, TYPE 2	54.0	532.57	523.48
29+74.03	65.1	RT	30+75.04	29.4	RT	CLASS D, TYPE 2	107.0	537.53	526.64
TOTAL:							315		

• MATCH FIELD INVERTS

STATION	TO	STATION	SEEDING CLASS 1B	TEMP. EROSION CONTROL SEEDING	NUTRIENTS			MULCH METHOD 2
					NITROGEN FERT. NUTR.	PHOSPHORUS FERT. NUTR.	POTASSIUM FERT. NUTR.	
				ACRE	POUND	POUND	POUND	ACRE
26+57.00	TO	32+00.00	0.30	34.00	27	27	27	0.3
1+00.00	TO	5+50.00		26.00				
TOTAL:			0.3	60.0	27.0	27.0	27.0	0.3

STAGE	STATION	TO	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE FACTOR	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
1A	28+50.00	RT	29+20.00	526	395	0	395
1B	0+69.07	RT	5+51.59	538	404	1476	-1073
2	28+50.00	LT & RT	30+82.62	1010	758	0	758
3	28+50.00	LT & RT	30+82.62	120	90	2526	-2436
TOTAL:				2194	1646	4002	-2356

LOCATION	INLET AND PIPE PROTECTION	TEMPORARY DITCH CHECKS	EROSION CONTROL BLANKET	PERIMETER EROSION CONTROL	AGGREGATE DITCH	FILTER FABRIC
MAIN STREET						
STA 27+30.77 LT TO STA 30+63.52 LT				320		
STA 28+25 RT TO STA 30+50 RT				179		
STA. 28+40.00, 14.9' LT.	1					
STA. 28+50.00, 14.0' RT.	1					
STA. 28+65.00, 14.0' LT.	1					
STA. 28+65.00, 14.0' RT.	1					
STA. 28+65.44, 17.1' RT.	1					
STA. 29+71.00, 14.0' LT.	1					
STA. 31+55.77, 14.0' RT.	1					
TEMP. RUNAROUND						
STA 0+69.23 RT TO STA 1+61.80 RT					50	50
STA 2+00.77 RT TO STA 3+49.22 RT			342		71.5	71.5
STA 4+49.92 RT TO STA 4+99.58 RT			27.5			
STA 3+46.12 RT TO STA. 4+15.10 RT				77		
STA. 2+29.95, 6.49' LT	1					
STA. 3+10.0, 4.35' LT	1					
STA. 4+73.96, 18.48' RT	1					
TOTAL:	9	1	369.5	576	121.5	121.5

STATION	OFFSET	NUMBER
LT STA 28+22.83	29.78	1
RT STA 28+30.03	45.05	1
LT STA 28+62.83	72.21	1
RT STA 28+74.86	85.00	1
RT STA 29+01.18	85.00	1
LT STA 29+05.10	71.72	1
LT STA 29+40.63	30.02	1
LT STA 29+40.63	38.23	1
RT STA 29+63.63	72.39	1
RT STA 30+09.05	31.34	1
TOTAL:		10

LOCATION	OFFSET (FEET)		TREE REM.	
			6 TO 15	OVER 15
			UNIT	UNIT
28+21.80	31.37	LT		16.00
28+29.04	32.61	LT	15.00	
28+32.99	33.18	LT	13.00	
28+38.06	43.01	LT	13.00	
28+52.41	35.41	LT	10.00	
28+57.79	57.59	RT		16.00
28+60.31	39.96	LT	8.00	
28+60.81	53.06	RT		16.00
28+61.78	36.23	LT	6.00	
28+64.54	30.69	RT	10.00	
28+66.75	34.19	LT		16.00
28+73.49	35.33	RT	10.00	
28+74.20	30.79	RT	8.00	
28+74.65	81.71	RT	14.00	
28+75.34	66.37	RT	8.00	
28+75.51	53.21	RT	11.00	
28+78.73	32.41	RT	8.00	
28+79.41	69.92	LT	12.00	
28+80.09	65.17	LT	10.00	
28+80.14	48.40	RT	11.00	
28+82.08	41.59	RT	7.00	
28+86.04	37.46	RT	11.00	
28+89.58	53.38	RT	11.00	
28+92.87	49.77	RT		36.00
29+04.32	81.10	RT	14.00	
29+05.24	71.35	RT	9.00	
29+06.86	34.76	LT		28.00
TOTAL			219.00	128.00

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULES OF QUANTITIES**  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY  
 DRAWN BY: SGK

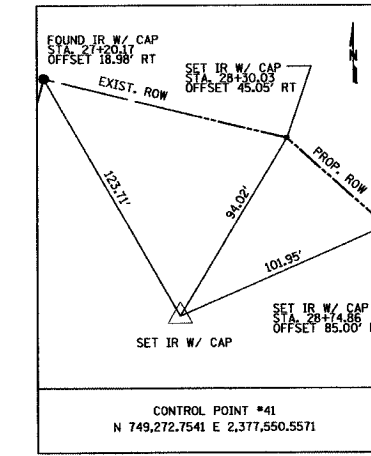
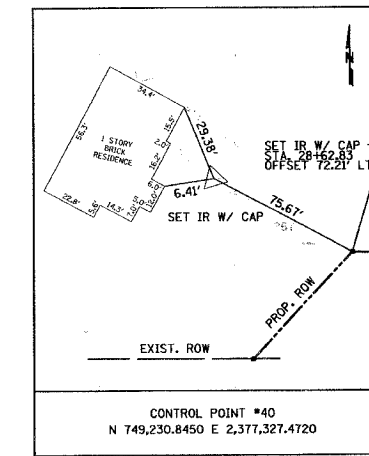
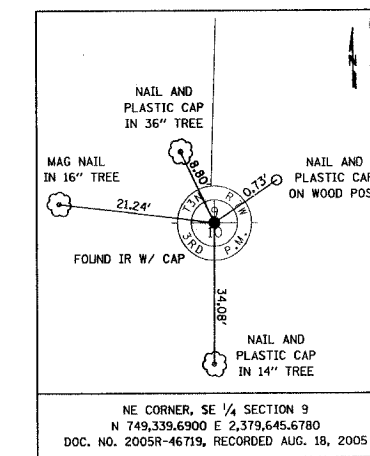
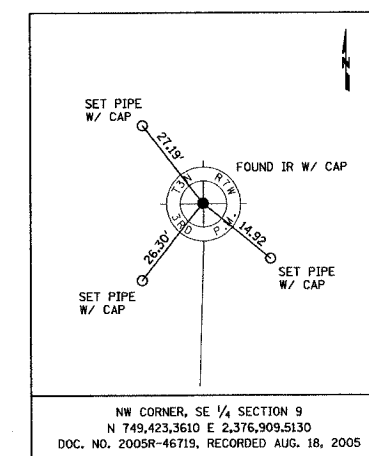
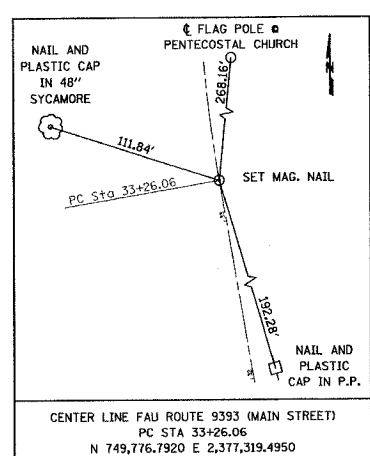
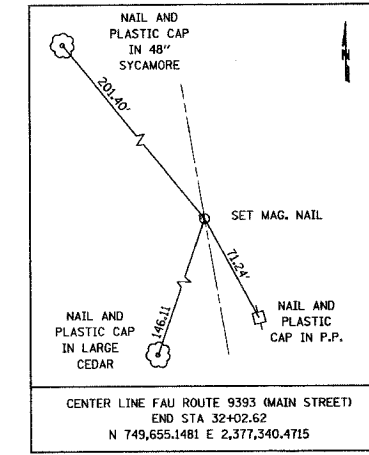
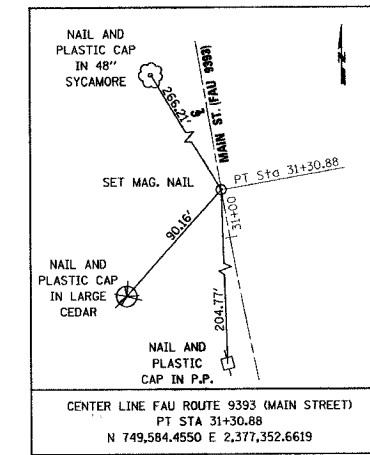
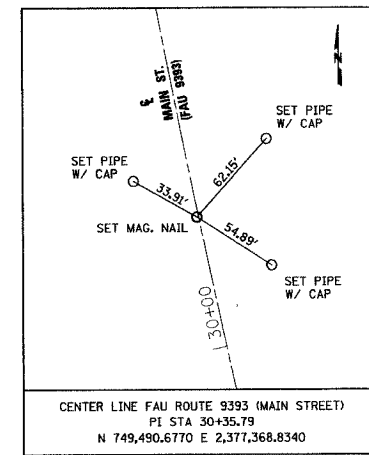
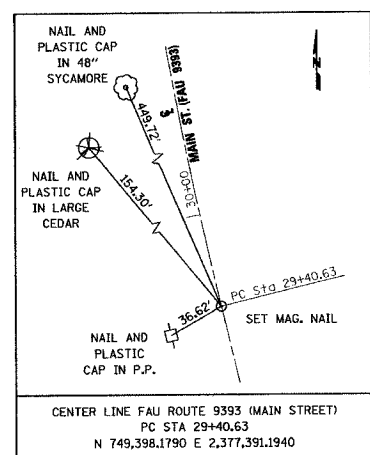
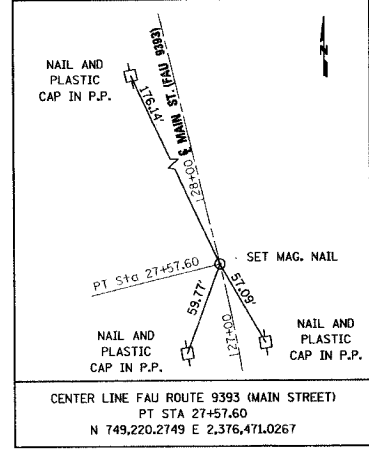
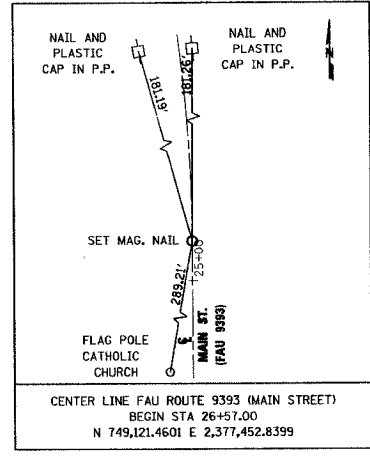
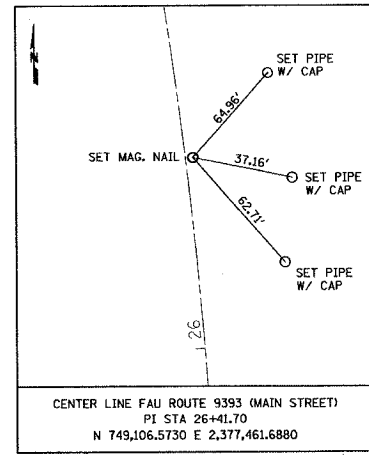
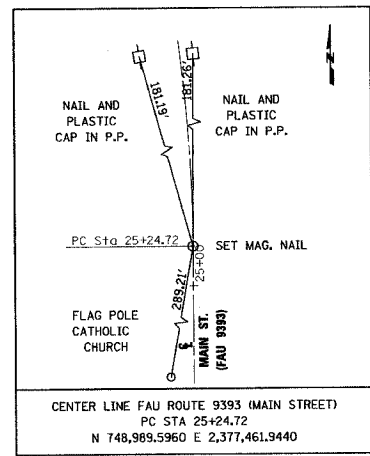
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 CADD FILE NAME: \_\_\_\_\_

PLAN  
 NOTE BOOK  
 NO. \_\_\_\_\_

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	6
STA.	TO STA.			
EXISTING CONDITIONS:				

CONTRACT NO. 76304

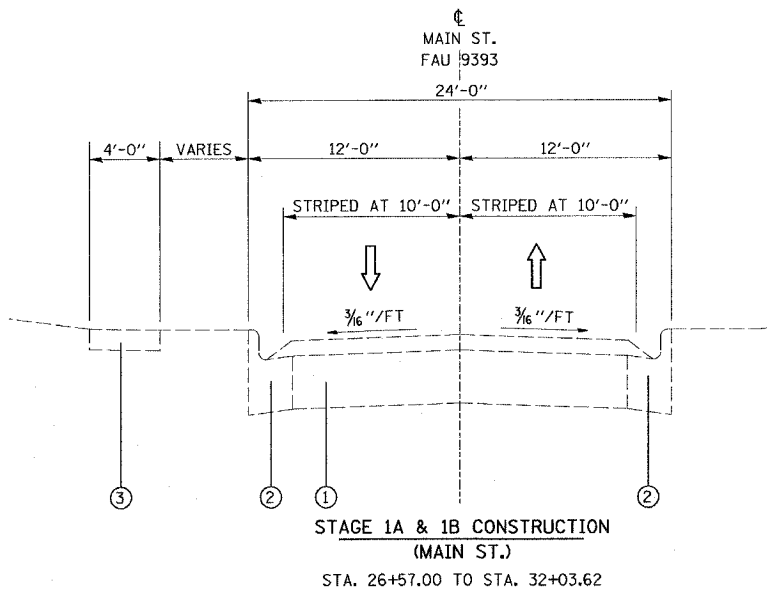
PLAN	NO.	DATE
REVISIONS	BY	DATE
NOTED		
CHANGED		
FILE NAME		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ALIGNMENT TIES  
FAU ROUTE 9393 (MAIN ST.)  
SECTION 37-BR  
MADISON COUNTY  
DRAWN BY:

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 76304		



- SEQUENCE OF CONSTRUCTION - STAGE 1A**
1. COMPLETE PAVEMENT PATCHING UNDER TRAFFIC CONTROL AS ESTABLISHED PER STANDARD 701501-03.
  2. ESTABLISH TRAFFIC CONTROL IN ACCORDANCE WITH STANDARDS 701006-02.
  3. CONSTRUCT EAST SIDE OF PROPOSED CULVERT.
  4. CONSTRUCT DRAINAGE ITEMS AS SHOWN.

**NOTES:**

THE CONTRACTOR SHALL ERECT SIGNS AT LOCATIONS AS DIRECTED BY THE RESIDENT ENGINEER.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PRIVATE ENTRANCES WITHIN THE PROJECT LIMITS AT ALL TIMES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND PROPERTY OWNERS AT LEAST 24 HOURS IN ADVANCE OF ANY INTERRUPTION OF ACCESS.

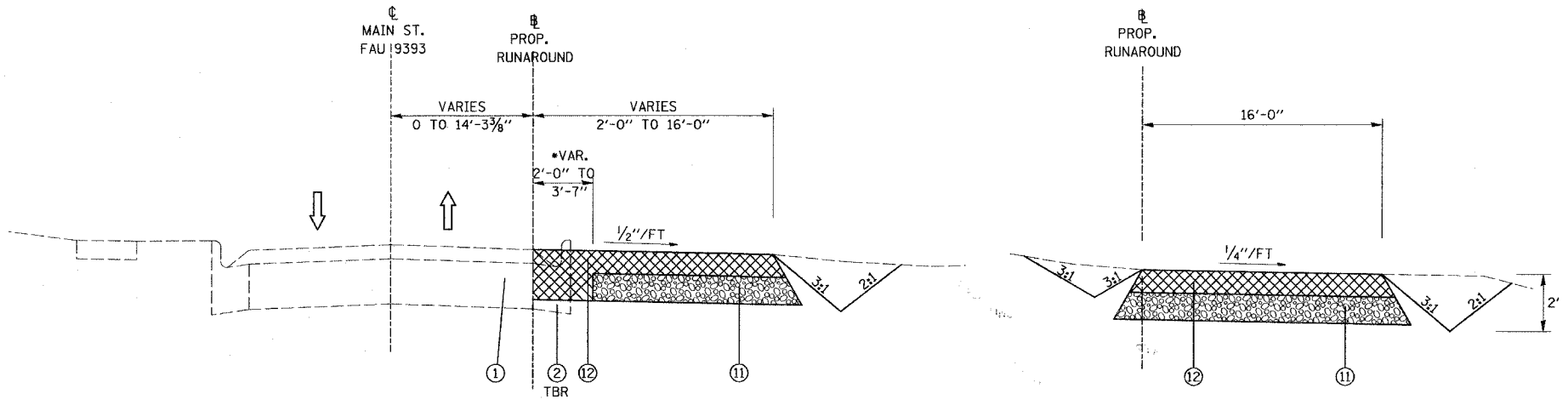
BARRICADES/BARRELS SHOWN ON THE TRAFFIC CONTROL PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY. THE TRAFFIC CONTROL DEVICES SHALL BE ERECTED AT LOCATIONS AS DIRECTED BY THE RESIDENT ENGINEER. THE COST FOR ALL TRAFFIC CONTROL DEVICES REQUIRED FOR STAGES 1A AND 1B SHALL BE INCLUDED IN EACH RESPECTIVE TRAFFIC CONTROL PAY ITEM FOR TRAFFIC CONTROL ESTABLISHED UNDER STANDARDS 701006 AND 701501. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL BARRICADES AND/OR BARRELS REQUIRED BY THE RESIDENT ENGINEER. BARRICADES/BARRELS SHALL BE SPACED ON 20 FEET CENTERS OR AS DIRECTED BY THE RESIDENT ENGINEER.

ALL WORK ZONE TRAFFIC CONTROL DEVICES SHALL CONFORM TO SECTION 702 OF THE STANDARD SPECIFICATIONS.

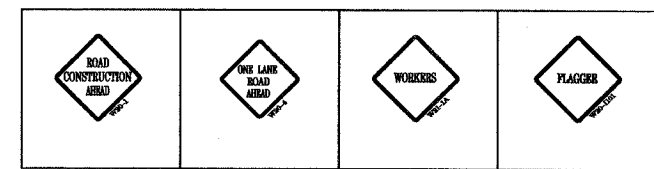
ALL BARRELS AND BARRICADES SHALL BE EQUIPPED WITH STEADY BURN LIGHTS.

ALL ADVANCED WARNING SIGNS SHALL BE FLUORESCENT ORANGE.

THE CONTRACTOR SHALL COMPLETE THE CONSTRUCTION OF THE EAST BOX CULVERT SECTION BEFORE CONSTRUCTING THE NEW STORM SEWER SECTIONS IN THIS PHASE. THE CONTRACTOR SHALL PROVIDE TEMPORARY MEANS OF CONVEYING STORM WATER FROM THE EXISTING STORM SEWERS TO THE TRIBUTARY OF WENDELL BRANCH THROUGH TEMPORARY CONNECTIONS OF THE EXISTING INLETS TO THE PROPOSED INLETS, THROUGH DIVERSIONS ESTABLISHED TO SUIT FIELD CONDITIONS, OR BY OTHER MEANS AS APPROVED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF THE EXISTING STORM SEWERS.



**STAGE 1A & 1B SIGNING TABLE**



**LEGEND**

- ① EXISTING PCC PAVEMENT WITH 1 1/2" BITUMINOUS OVERLAY
- ② EXISTING COMBINATION CURB AND GUTTER
- ③ EXISTING CONCRETE SIDEWALK, 4"
- ④ EXISTING RETAINING WALL
- ⑤ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (7 1/2")
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- ⑦ PROPOSED MODIFIED SOIL, 12"
- ⑧ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑨ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- ⑩ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑪ PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- ⑫ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (5")
- ⑬ TEMPORARY CONCRETE BARRIER
- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑮ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑯ PROPOSED AGGREGATE (PRIME COAT)
- ⑰ PROPOSED STORM SEWER (SEE DRAINAGE SHEET FOR DETAILS ON TYPE, SIZE, STATION, OFFSET AND ELEVATION)
- ⑱ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑲ PROPOSED LEVELING BINDER (MACHINE METHOD), N70

**SEQUENCE OF CONSTRUCTION - STAGE 1B**

1. COMPLETE STAGE 1A CONSTRUCTION IN ITS ENTIRETY PRIOR TO BEGINNING STAGE 1B.
2. REMOVE COMBINATION CURB & GUTTER STA. 26+94.04 RT TO STA. 27+69.97 RT AND STA. 30+59.63 RT TO STA. 31+72.60 RT.
3. CONSTRUCT TEMPORARY RUNAROUND AND TEMPORARY DRAINAGE. MAIN STREET STATION 26+25.00 = TEMPORARY RUNAROUND STA. 0+00.00.



TEMPORARY PAVEMENT

\* CONSTRUCT 11" HOT-MIX ASPHALT BINDER COURSE, IL 19, N70. CONTRACTOR TO SAWCUT AT OUTSIDE EDGE OF 11" WIDENING AT END OF STAGE 2 CONSTRUCTION SEQUENCE AND SHALL USE AS A PART OF THE PERMANENT PAVEMENT STRUCTURE.

NOTE: SEE SHEET 20 FOR DETAIL OF TEMPORARY RUNAROUND OVER PROPOSED BOX CULVERT INCLUDING THE PROPOSED SOIL RETENTION SYSTEM.

REVISIONS	
NAME	DATE

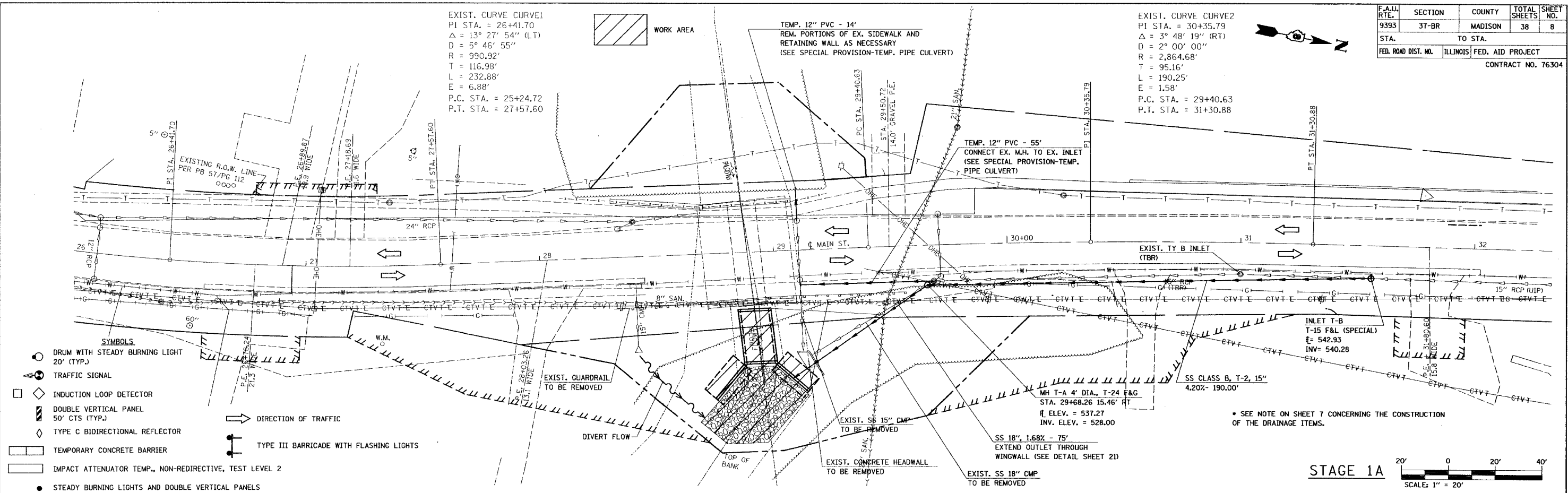
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STAGING TYPICALS & SIGNING**  
**TABLE - STAGE 1A & 1B**  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY



F.A.U. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76304				

EXIST. CURVE CURVE1  
 PI STA. = 26+41.70  
 $\Delta = 13^\circ 27' 54''$  (LT)  
 $D = 5^\circ 46' 55''$   
 $R = 990.92'$   
 $T = 116.98'$   
 $L = 232.88'$   
 $E = 6.88'$   
 P.C. STA. = 25+24.72  
 P.T. STA. = 27+57.60

EXIST. CURVE CURVE2  
 PI STA. = 30+35.79  
 $\Delta = 3^\circ 48' 19''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.68'$   
 $T = 95.16'$   
 $L = 190.25'$   
 $E = 1.58'$   
 P.C. STA. = 29+40.63  
 P.T. STA. = 31+30.88

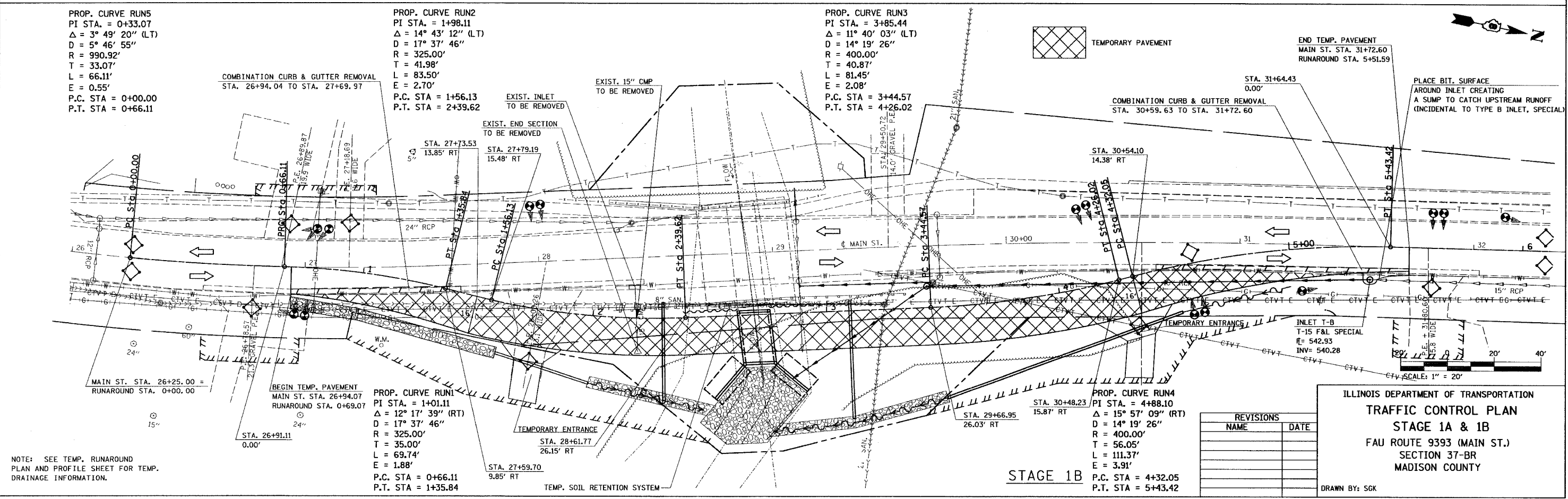


PROP. CURVE RUN5  
 PI STA. = 0+33.07  
 $\Delta = 3^\circ 49' 20''$  (LT)  
 $D = 5^\circ 46' 55''$   
 $R = 990.92'$   
 $T = 33.07'$   
 $L = 66.11'$   
 $E = 0.55'$   
 P.C. STA. = 0+00.00  
 P.T. STA. = 0+66.11

PROP. CURVE RUN2  
 PI STA. = 1+98.11  
 $\Delta = 14^\circ 43' 12''$  (LT)  
 $D = 17^\circ 37' 46''$   
 $R = 325.00'$   
 $T = 41.98'$   
 $L = 83.50'$   
 $E = 2.70'$   
 P.C. STA. = 1+56.13  
 P.T. STA. = 2+39.62

PROP. CURVE RUN3  
 PI STA. = 3+85.44  
 $\Delta = 11^\circ 40' 03''$  (LT)  
 $D = 14^\circ 19' 26''$   
 $R = 400.00'$   
 $T = 40.87'$   
 $L = 81.45'$   
 $E = 2.08'$   
 P.C. STA. = 3+44.57  
 P.T. STA. = 4+26.02

PROP. CURVE RUN4  
 PI STA. = 4+88.10  
 $\Delta = 15^\circ 57' 09''$  (RT)  
 $D = 14^\circ 19' 26''$   
 $R = 400.00'$   
 $T = 56.05'$   
 $L = 111.37'$   
 $E = 3.91'$   
 P.C. STA. = 4+32.05  
 P.T. STA. = 5+43.42



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN**  
 STAGE 1A & 1B  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY

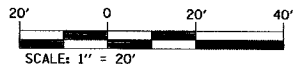
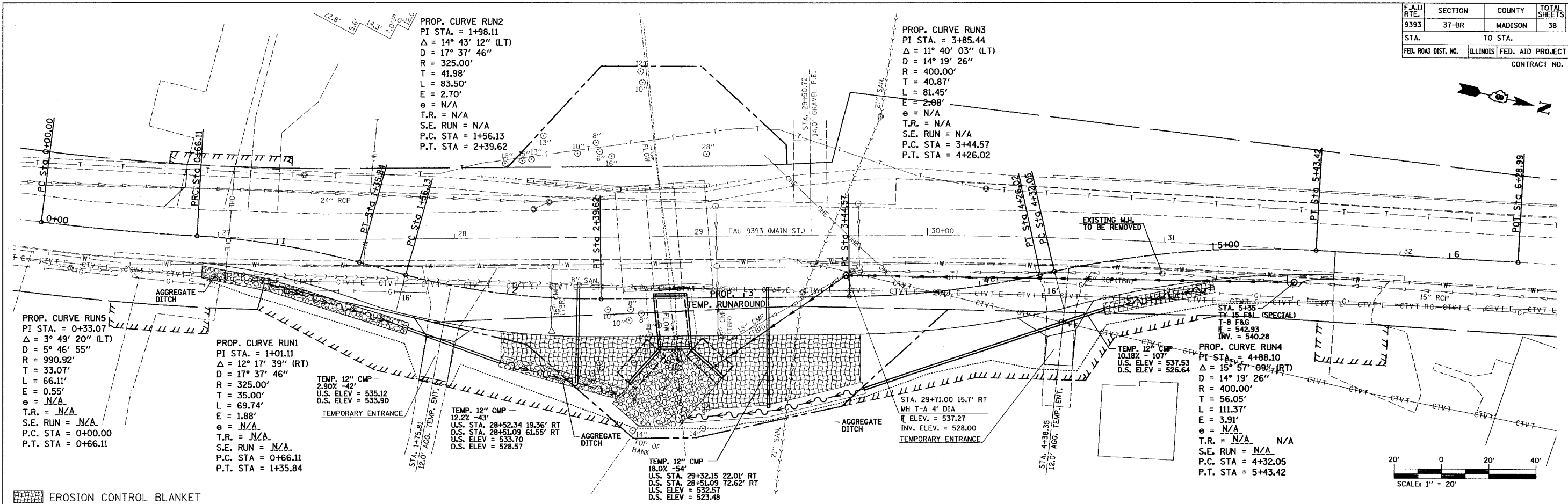
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NOTE: SEE TEMP. RUNAROUND PLAN AND PROFILE SHEET FOR TEMP. DRAINAGE INFORMATION.

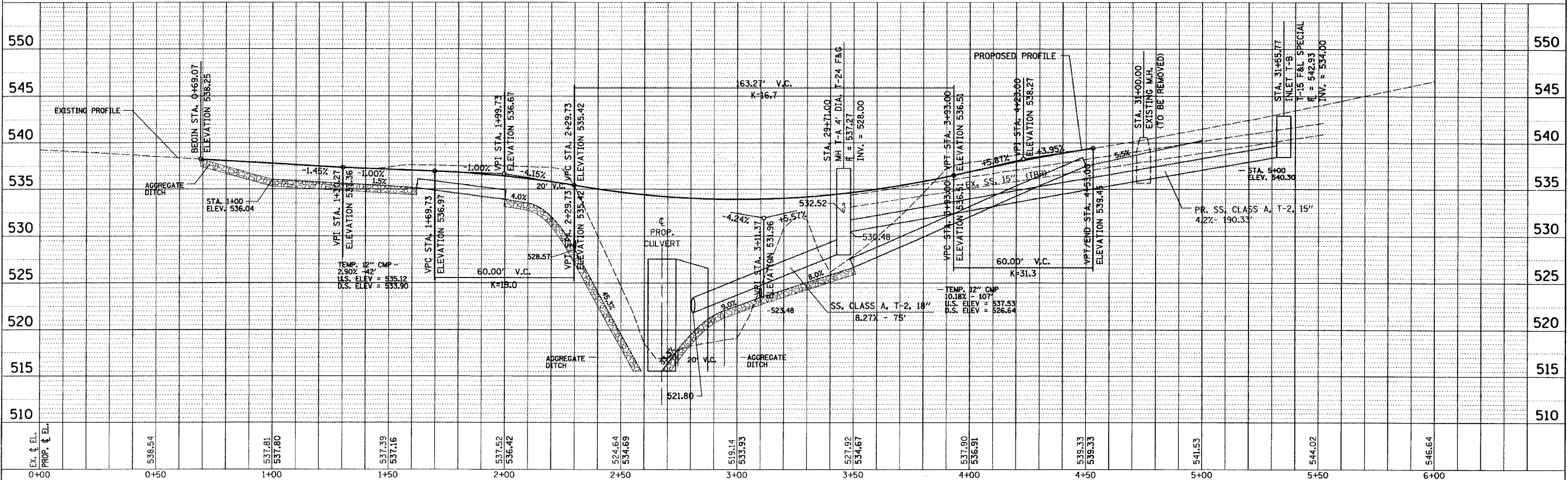
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76304				



PLAN	DATE
BY	
CHECKED	
APPROVED	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NAME OF CHECKER	
DATE	



PROFILE	DATE
BY	
CHECKED	
APPROVED	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
NAME OF CHECKER	
DATE	

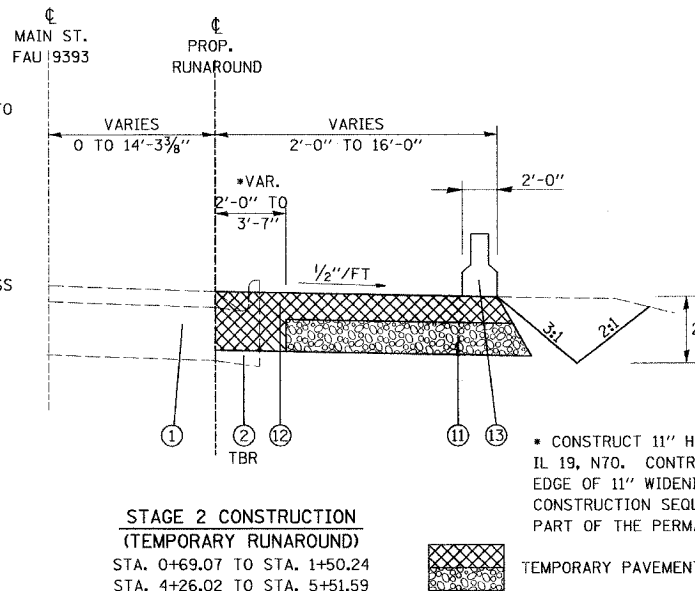


TEMPORARY RUNAROUND - PLAN AND PROFILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76304				

**SEQUENCE OF CONSTRUCTION - STAGE 2**

1. COMPLETE STAGE 1B CONSTRUCTION IN ITS ENTIRETY PRIOR TO BEGINNING STAGE 2.
2. ESTABLISH TRAFFIC CONTROL AS SHOWN FOR ONE LANE TRAFFIC AND MOVE VEHICLES TO TEMPORARY RUNAROUND.
3. CONSTRUCT PROP. SANITARY MANHOLES AND BEGIN BYPASS PUMPING OPERATIONS.
4. REMOVE EXISTING GUARDRAIL, HEADWALLS, SANITARY SEWER AND REMAINING ARCH CULVERT.
5. CONSTRUCT WEST SECTION OF PROPOSED BOX CULVERT AND EMBANKMENT.
6. CONSTRUCT PROPOSED STORM SEWER AND SANITARY SEWER. REMOVE SANITARY BYPASS PROVISIONS AND PLACE NEW MAIN IN SERVICE.
7. REMOVE AND RECONSTRUCT CURB & GUTTER AND SIDEWALK STATION 26+57.00 TO STATION 32+02.62 LT. CONSTRUCT PROP. HOT MIX ASPHALT BASE COURSE WIDENING STA. 26+57 LT TO STA. 32+02.62 LT. RECONSTRUCT CURB & GUTTER STATION 27+77.00 TO STATION 30+59.37 RT.
8. REMOVE AND RECONSTRUCT SOUTHBOUND LANE FROM STA. 27+77.00 TO STA. 30+82.62
9. REMOVE AND RECONSTRUCT NORTHBOUND LANE FROM STA. 27+77.00 TO STA. 30+59.37
10. PLACE LEVELING BINDER FOR PROFILE CORRECTION FROM STA. 30+59.37 TO STA. 31+72.62 CONCURRENTLY WITH REESTABLISHMENT OF TWO-WAY TRAFFIC ON MAINLINE PAVEMENT.
11. REMOVE TEMPORARY RUNAROUND AND APPURTENANT ITEMS AND CONSTRUCT PERMANENT EMBANKMENT.



**STAGE 2 CONSTRUCTION (TEMPORARY RUNAROUND)**  
STA. 0+69.07 TO STA. 1+50.24  
STA. 4+26.02 TO STA. 5+51.59

• CONSTRUCT 11" HOT-MIX ASPHALT BINDER COURSE, IL 19, N70. CONTRACTOR TO SAWCUT AT OUTSIDE EDGE OF 11" WIDENING AT END OF STAGE 2 CONSTRUCTION SEQUENCE AND SHALL USE AS A PART OF THE PERMANENT PAVEMENT STRUCTURE.



**NOTES:**

THE CONTRACTOR SHALL ERECT SIGNS AT LOCATIONS AS DIRECTED BY THE RESIDENT ENGINEER.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PRIVATE ENTRANCES WITHIN THE PROJECT LIMITS AT ALL TIMES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND PROPERTY OWNERS AT LEAST 24 HOURS IN ADVANCE OF ANY INTERRUPTION OF ACCESS.

BARRICADES/BARRELS SHOWN ON THE TRAFFIC CONTROL PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY. THE TRAFFIC CONTROL DEVICES SHALL BE ERECTED AT LOCATIONS AS DIRECTED BY THE RESIDENT ENGINEER. THE COST FOR ALL TRAFFIC CONTROL DEVICES REQUIRED FOR STAGES 2, & 3 SHALL BE INCLUDED IN EACH RESPECTIVE TRAFFIC CONTROL PAY ITEM UNDER WHICH THE SUBJECT TRAFFIC CONTROL IS BEING ESTABLISHED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL BARRICADES AND/OR BARRELS REQUIRED BY THE RESIDENT ENGINEER. BARRICADES/BARRELS SHALL BE SPACED ON 20 FEET CENTERS OR AS DIRECTED BY THE RESIDENT ENGINEER.

ALL WORK ZONE TRAFFIC CONTROL DEVICES SHALL CONFORM TO SECTION 702 OF THE STANDARD SPECIFICATIONS.

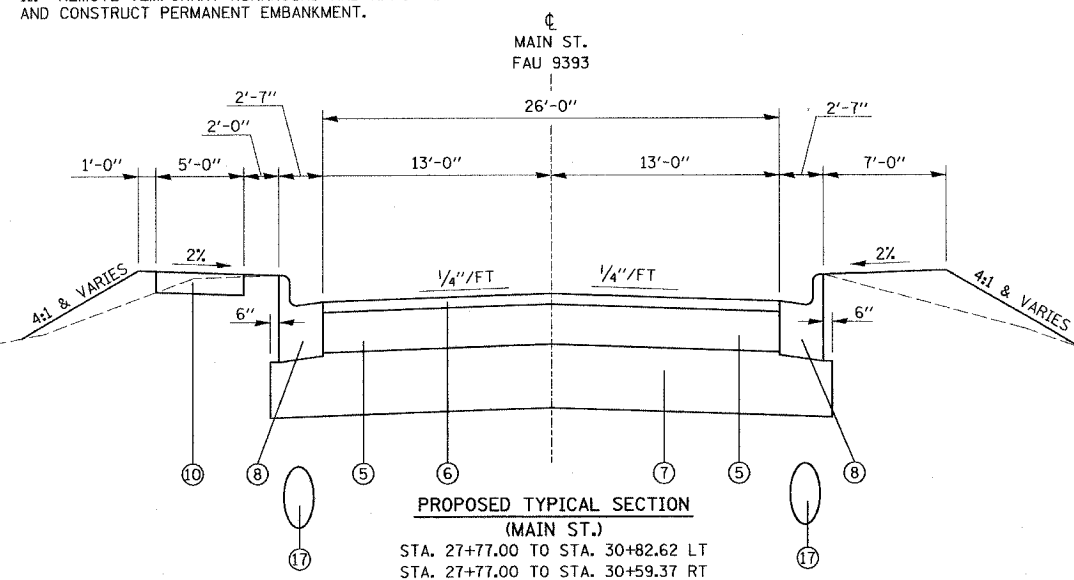
ALL BARRELS AND VERTICAL PANELS SHALL BE EQUIPPED WITH STEADY BURN LIGHTS.

ALL ADVANCED WARNING SIGNS SHALL BE FLUORESCENT ORANGE.

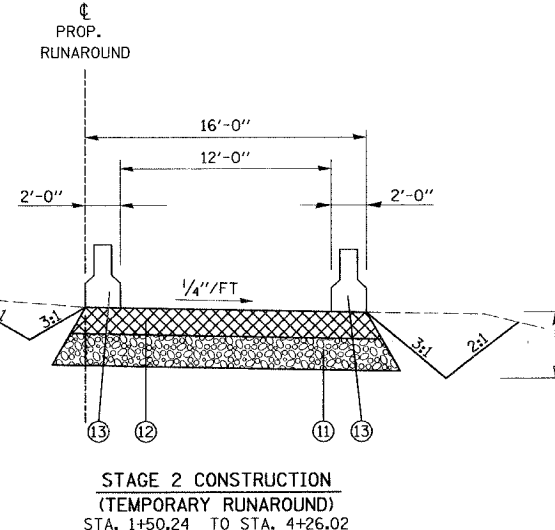
TEMPORARY RAMPS SHALL BE PROVIDED AS REQUIRED BY THE RESIDENT ENGINEER.

TEMPORARY TRAFFIC SIGNALS SHALL BE INSTALLED AS SHOWN ON THE TCP.

THE COST OF REMOVING THE TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED IN THE PAY ITEM FOR TEMPORARY BRIDGE TRAFFIC SIGNALS.



**PROPOSED TYPICAL SECTION (MAIN ST.)**  
STA. 27+77.00 TO STA. 30+82.62 LT  
STA. 27+77.00 TO STA. 30+59.37 RT



**STAGE 2 CONSTRUCTION (TEMPORARY RUNAROUND)**  
STA. 1+50.24 TO STA. 4+26.02

**STAGE 2 & 3 SIGNING TABLE**


**LEGEND**

- 1 EXISTING PCC PAVEMENT WITH 1 1/2" BITUMINOUS OVERLAY
- 2 EXISTING COMBINATION CURB AND GUTTER
- 3 EXISTING CONCRETE SIDEWALK, 4"
- 4 EXISTING RETAINING WALL
- 5 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (7 1/2")
- 6 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (2")
- 7 PROPOSED MODIFIED SOIL, 12"
- 8 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 9 PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 8"
- 10 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 11 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 12 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, (5")
- 13 TEMPORARY CONCRETE BARRIER
- 14 PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- 15 PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- 16 PROPOSED AGGREGATE (PRIME COAT)
- 17 PROPOSED STORM SEWER (SEE DRAINAGE SHEET FOR DETAILS ON TYPE, SIZE, STATION, OFFSET AND ELEVATION)
- 18 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- 19 PROPOSED LEVELING BINDER (MACHINE METHOD), N70

**SEQUENCE OF CONSTRUCTION - STAGE 3**

1. COMPLETE STAGE 2 CONSTRUCTION IN ITS ENTIRETY PRIOR TO BEGINNING STAGE 3.
2. CONSTRUCT REMAINING CURB & GUTTER AT LOCATIONS OF TEMP. RUNAROUND REMOVAL
3. CONSTRUCT REMAINING PRIVATE ENTRANCES.
4. COMPLETE REMOVAL OF EXISTING HOT-MIX ASPHALT SURFACE (1 1/2") STATION 26+57.00 TO STATION 27+77.00.
5. PLACE BITUMINOUS SURFACE COURSE
6. ERECT GUARDRAIL.
7. COMPLETE PERMANENT STRIPING.
8. COMPLETE FINISH GRADING AND PERMANENT SEEDING.
9. COMPLETE JOB-SITE CLEAN UP.

REVISIONS	
NAME	DATE

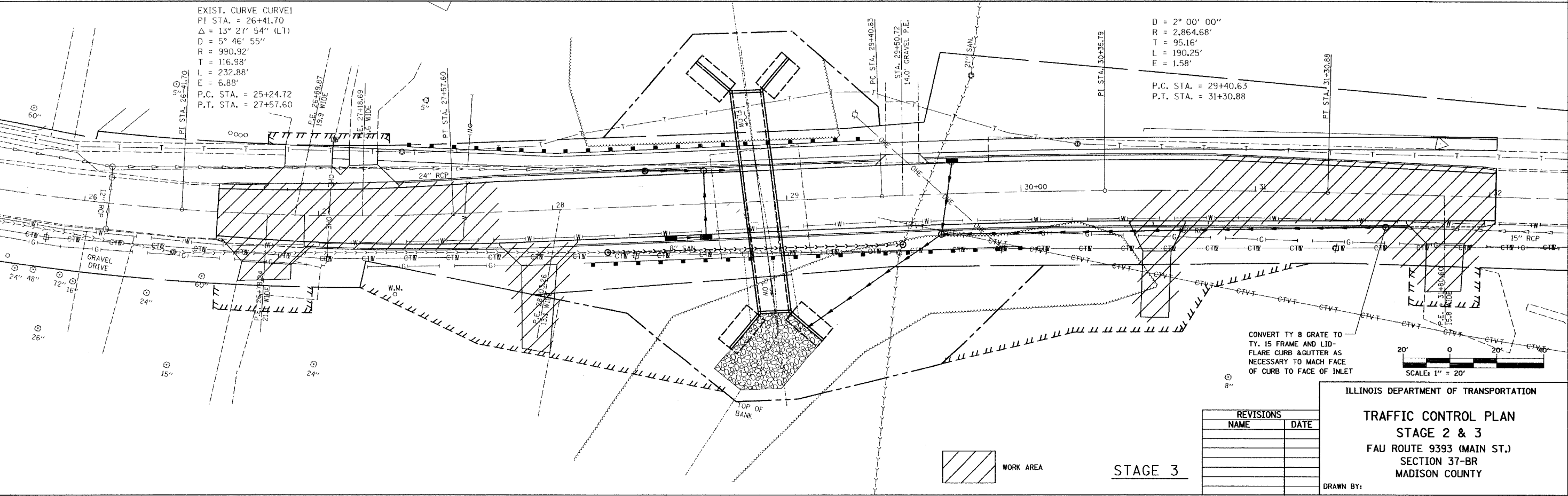
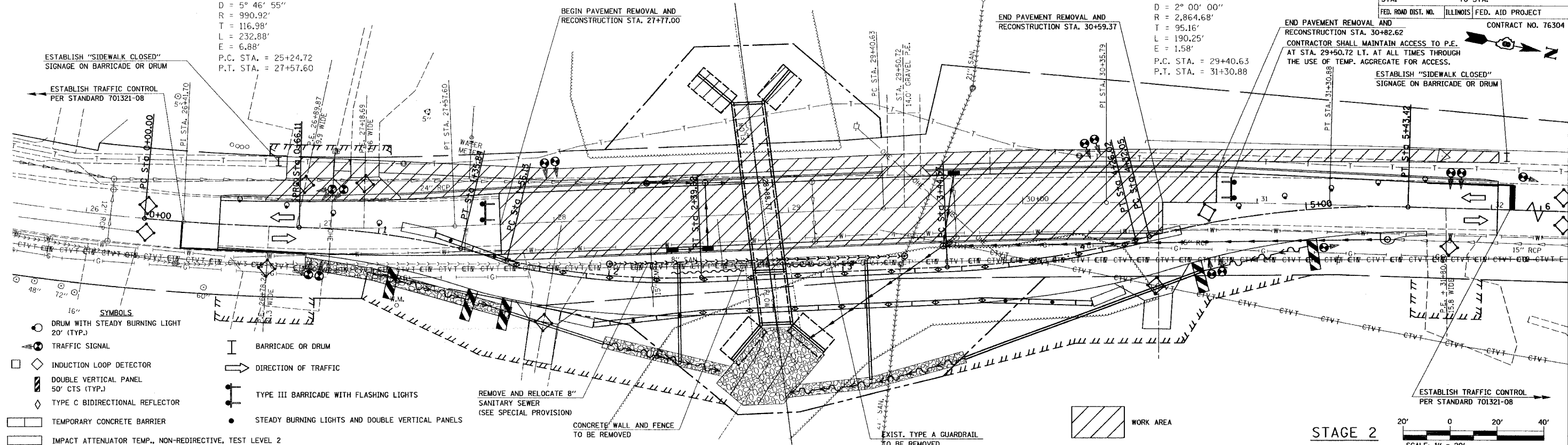
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STAGING TYPICALS & SIGNING**  
**TABLE - STAGE 2 & 3**  
FAU ROUTE 9393 (MAIN ST.)  
SECTION 37-BR  
MADISON COUNTY

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	11
STA. 29+00.00		TO STA. 31+30.88		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT
				CONTRACT NO. 76304

EXIST. CURVE CURVE1  
 PI STA. = 26+41.70  
 $\Delta = 13^\circ 27' 54''$  (LT)  
 $D = 5^\circ 46' 55''$   
 $R = 990.92'$   
 $T = 116.98'$   
 $L = 232.88'$   
 $E = 6.88'$   
 P.C. STA. = 25+24.72  
 P.T. STA. = 27+57.60

EXIST. CURVE CURVE2  
 PI STA. = 30+35.79  
 $\Delta = 3^\circ 48' 19''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.68'$   
 $T = 95.16'$   
 $L = 190.25'$   
 $E = 1.58'$   
 P.C. STA. = 29+40.63  
 P.T. STA. = 31+30.88

END PAVEMENT REMOVAL AND RECONSTRUCTION STA. 30+82.62  
 CONTRACTOR SHALL MAINTAIN ACCESS TO P.E. AT STA. 29+50.72 LT. AT ALL TIMES THROUGH THE USE OF TEMP. AGGREGATE FOR ACCESS.  
 ESTABLISH "SIDEWALK CLOSED" SIGNAGE ON BARRICADE OR DRUM



REVISIONS	
NAME	DATE

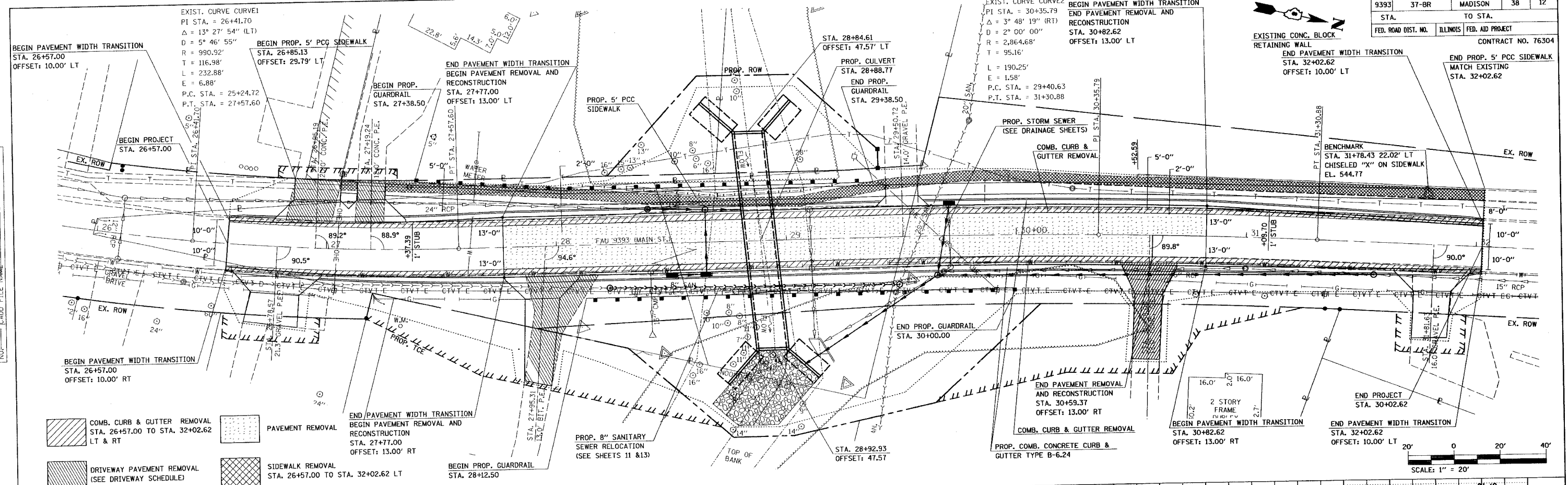
ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL PLAN**  
 STAGE 2 & 3  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY

DRAWN BY:

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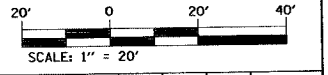
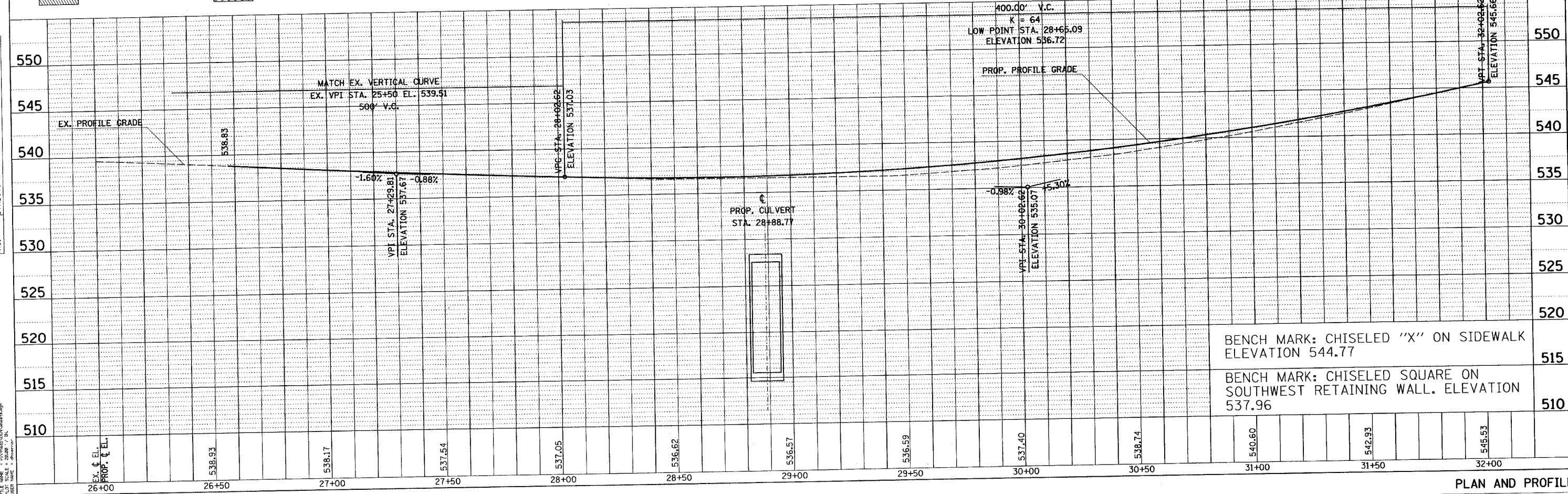
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	12
STA.	TO STA.		CONTRACT NO. 76304	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- COMB. CURB & GUTTER REMOVAL STA. 26+57.00 TO STA. 32+02.62 LT & RT
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL (SEE DRIVEWAY SCHEDULE)
- SIDEWALK REMOVAL STA. 26+57.00 TO STA. 32+02.62 LT

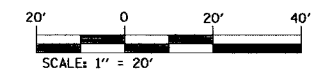
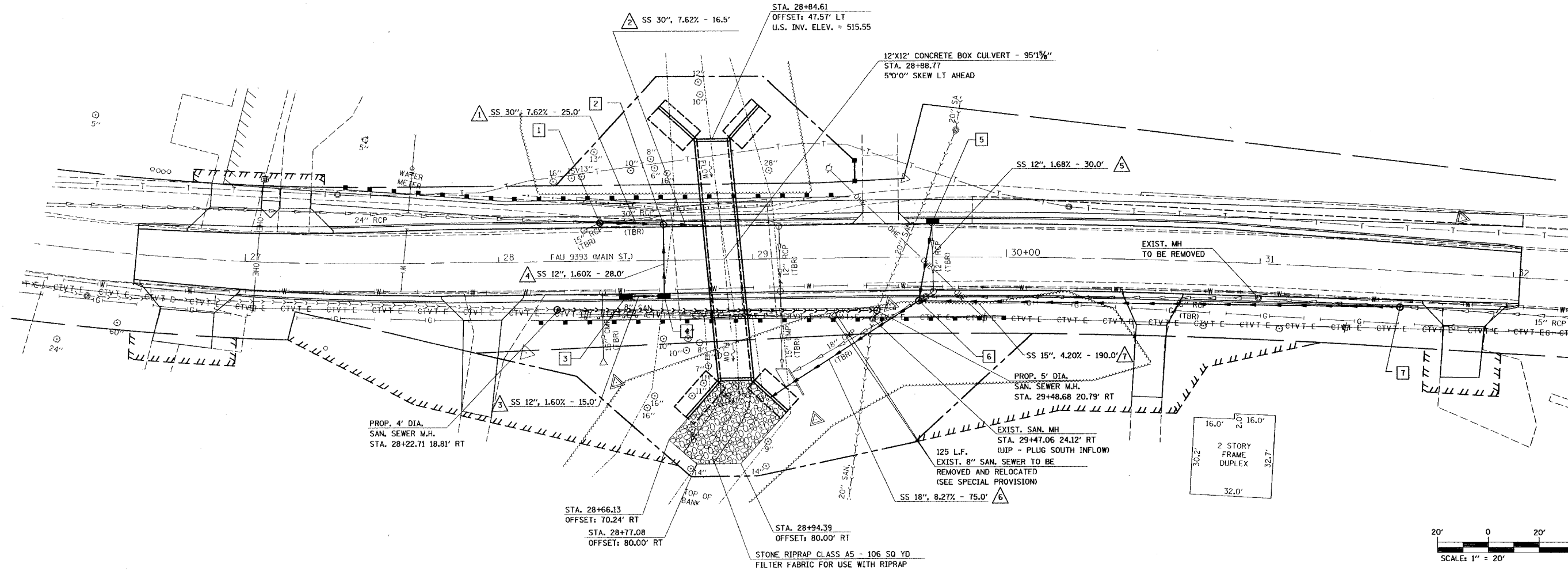
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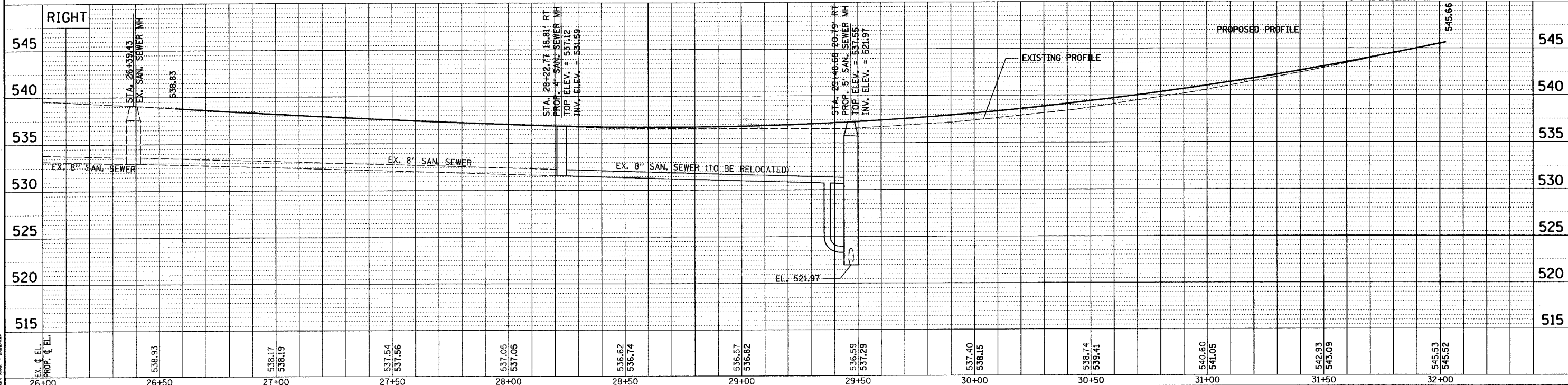
PLAN AND PROFILE

NOTES:  
 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS HIGHWAY CODE.  
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.  
 3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES.  
 4. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE THROUGHOUT THE PROJECT.  
 5. THE CONTRACTOR SHALL MAINTAIN PROPER EROSION CONTROL MEASURES.  
 6. THE CONTRACTOR SHALL MAINTAIN PROPER SAFETY MEASURES.  
 7. THE CONTRACTOR SHALL MAINTAIN PROPER RECORD DRAWINGS.  
 8. THE CONTRACTOR SHALL MAINTAIN PROPER COMMUNICATIONS.  
 9. THE CONTRACTOR SHALL MAINTAIN PROPER QUALITY CONTROL.  
 10. THE CONTRACTOR SHALL MAINTAIN PROPER SCHEDULING.



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 NOTE BOOK NO. OF PAGES CHECKED  
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 NOTE BOOK NO. OF PAGES CHECKED  
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DRAINAGE SHEET & STORM SEWER PROFILES

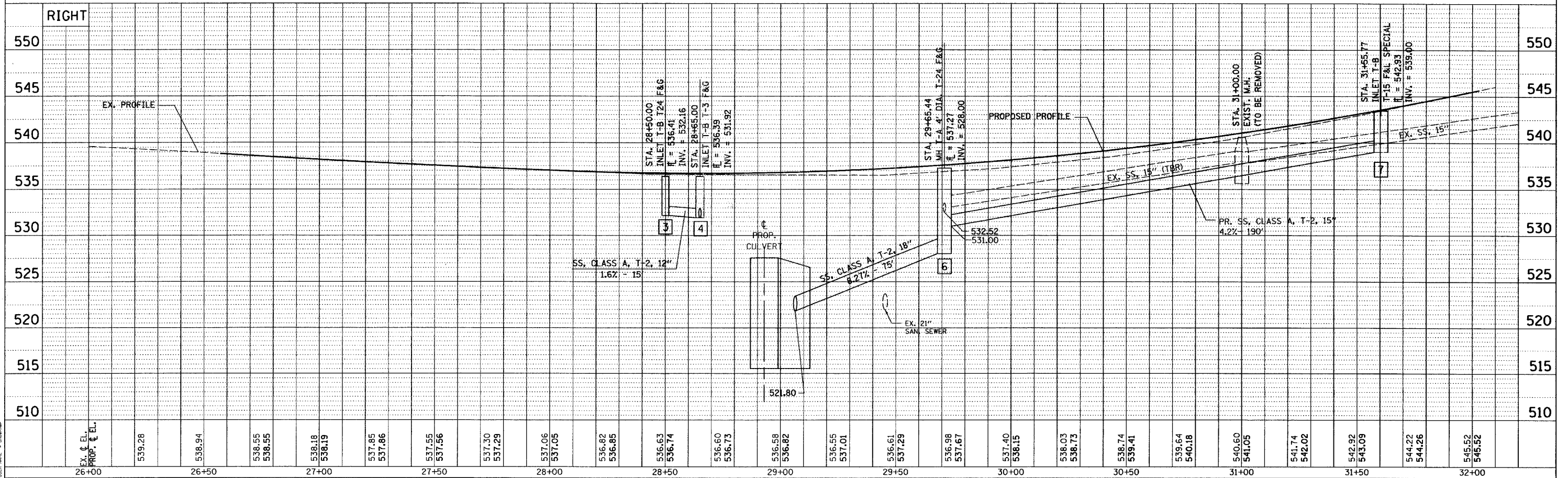
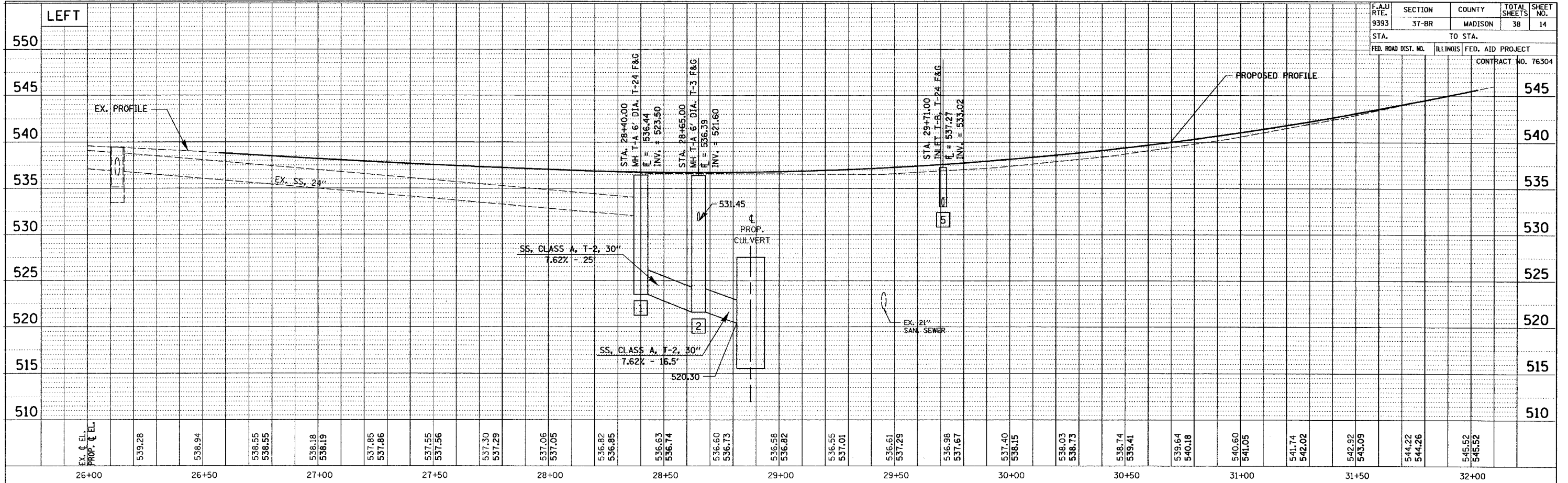
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76304	



SOUTHEAST QUARTER OF SECTION 9, T3N, R7W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

MICHAEL ANTHONY MANOR  
P.B. 57, PG. 112  
Recorded Date November 19, 1992

BEARINGS SHOWN HERETO ARE BASED ON SURVEY CONTROL  
DATA AS PROVIDED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

NW CORNER, SE 1/4 SECTION 9,  
T.3N., R.7W., 3RD P.M.  
IRON PIPE SET  
RECORDED IN MONUMENT  
DOC. NO. 2005R-46719

LEGEND

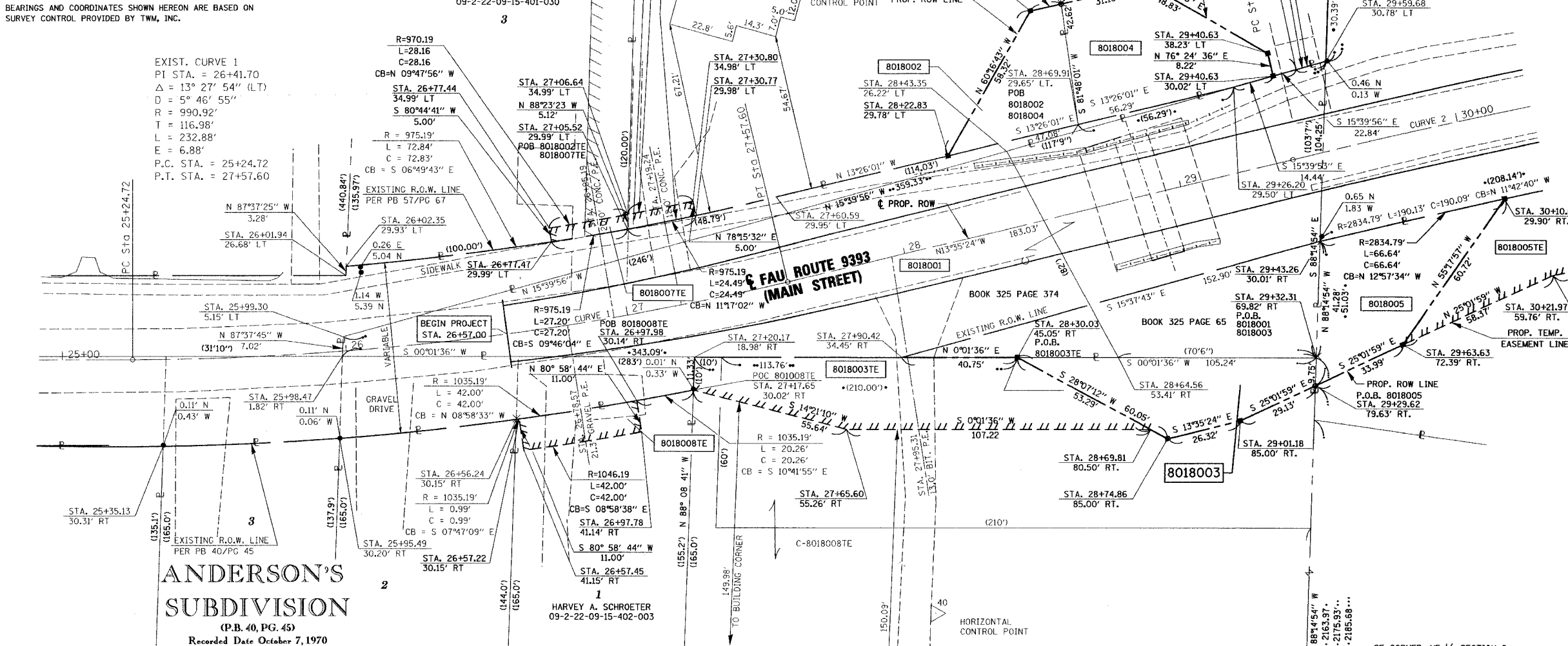
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 1/2 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

POINT	STATION	OFFSET	NORTH	EAST
PC	25+24.72	0.00	748,989.5960	2,377,461.9440
PI	26+41.70	6.88' RT	749,106.5730	2,377,461.6880
9233	26+01.94	26.68' LT	749,064.5940	2,377,432.1760
9234	26+02.35	29.93' LT	749,064.7300	2,377,428.8990
BEGIN	26+57.00	0.00	749,121.4601	2,377,452.8399
9225	26+57.22	30.15' RT	749,125.7636	2,377,482.6771
9226	26+57.45	41.15' RT	749,127.4887	2,377,493.5434
9227	26+77.44	34.99' LT	749,136.2357	2,377,415.3053
9228	26+77.47	29.99' LT	749,137.0398	2,377,420.2402
9229	26+97.78	41.14' RT	749,168.9742	2,377,486.9896
9230	26+97.98	30.14' RT	749,167.2491	2,377,476.1236
9206	27+17.65	30.02' RT	749,187.1290	2,377,472.3670
9231	27+30.77	29.98' LT	749,187.8628	2,377,410.8325
9232	27+30.80	34.98' LT	749,186.8454	2,377,405.9371
PT	27+57.60	0.00	749,220.2749	2,377,434.2005
41	27+81.27	125.43' RT	749,272.7520	2,377,550.5550
9210	27+90.42	34.45' RT	749,260.5090	2,377,460.9470
40	27+92.98	101.26' LT	749,230.8450	2,377,327.4720
9200	28+22.83	29.78' LT	749,276.6791	2,377,389.9299
9211	28+30.03	45.05' RT	749,301.2593	2,377,460.9660
9201	28+62.83	72.21' LT	749,305.5908	2,377,339.2863
9209	28+74.86	85.00' RT	749,354.2210	2,377,489.2690
9212	29+01.18	85.00' RT	749,379.8045	2,377,483.0842
9202	29+05.10	71.72' LT	749,346.7925	2,377,329.8303
9203	29+17.69	59.86' LT	749,361.8153	2,377,338.4041
9204	29+17.69	29.52' LT	749,368.9440	2,377,367.8921
9225	29+29.62	79.63' RT	749,406.1981	2,377,470.7582
PC	29+40.63	0.00	749,398.1790	2,377,391.1940
9235	29+40.63	38.23' LT	749,389.1950	2,377,354.0300
9236	29+40.63	30.02' LT	749,391.1260	2,377,362.0160

POINT	STATION	OFFSET	NORTH	EAST
9205	29+48.94	30.34' LT	749,399.2130	2,377,359.7480
9237	29+59.68	30.78' LT	749,409.6830	2,377,356.8120
9213	29+63.63	72.39' RT	749,436.9980	2,377,456.3740
9215	30+10.61	29.90' RT	749,472.7040	2,377,404.8100
9220	30+21.97	59.76' RT	749,489.8902	2,377,431.6687
PI	30+35.79	1.58' LT	749,490.6770	2,377,368.8340
9216	30+68.94	59.85' RT	749,534.9780	2,377,422.5940
9217	30+80.71	41.29' RT	749,542.8180	2,377,402.1840
9219	31+25.70	29.71' RT	749,584.4492	2,377,382.8155
PT	31+30.88	0.00	749,584.4550	2,377,352.6619
9226	31+35.34	29.70' RT	749,593.8900	2,377,381.1700
9221	31+66.63	29.83' RT	749,624.7484	2,377,375.9850
9222	31+66.63	46.83' RT	749,627.6380	2,377,392.7379
9223	31+96.63	29.96' RT	749,654.3339	2,377,371.0134
9224	31+96.63	46.96' RT	749,657.2234	2,377,387.7662
END	32+02.62	0.00	749,655.1480	2,377,340.4711
PC	33+26.06	0.00	749,776.7920	2,377,319.4950
PI	34+12.73	0.00	749,862.7755	2,377,308.8682
PT	34+98.88	0.00	749,948.8636	2,377,306.4862

CYRIL A. WUEBBELS  
09-2-22-09-15-401-030  
3

EXIST. CURVE 1  
PI STA. = 26+41.70  
Δ = 13° 27' 54" (LT)  
D = 5° 46' 55"  
R = 990.92'  
T = 116.98'  
L = 232.88'  
E = 6.88'  
P.C. STA. = 25+24.72  
P.T. STA. = 27+57.60



- STAKING OF PROPOSED RIGHT OF WAY. SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 1/2 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS )  
COUNTY OF ) SS  
THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN TROY, ILLINOIS TOWNSHIP 3 NORTH, RANGE 7 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, ILLINOIS AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED \_\_\_\_\_  
EDGAR M. BARNAL, PLS #2750

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	PREVIOUSLY DEDICATED OR USED FOR R.O.W.	REMAINDER	EASEMENTS TEMP	EASEMENTS PERM	EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
8018001	CITY OF TROY, ILLINOIS TITLE REPORT NO. MA-2020-01	0.4379 AC 19,075 SF	0.4379 AC 19,075 SF	0.3688 AC 16,063 SF	0 AC 0 SF			ENTRANCE AND SIDEWALK CONSTRUCTION	09-2-22-09-15-402-001	
8018002	PATRICIA L. SINGLER TITLE REPORT NO. MA-2019	0.8412 AC 36,642 SF	0.0284 AC 1,237 SF		0.8128 AC 35,405 SF	0.0028 AC 120 SF		ENTRANCE AND SIDEWALK CONSTRUCTION	09-2-22-09-15-401-029	
8018003	JOHN W. REES & DOROTHY J. REES TITLE REPORT NO. MA-2020	2.1155 AC 92,153 SF	0.0416 AC 1,814 SF		2.0739 AC 90,339 SF	0.0708 AC 3,084 SF		TEMPORARY CONSTRUCTION DETOUR ROAD	09-2-22-09-15-402-002	
8018004	C & C GROUP, LTD. TITLE REPORT NO. MA-2018	0.5971 AC 26,011 SF	0.0529 AC 2,305 SF		0.5442 AC 23,706 SF			GRADING	09-2-22-09-15-401-028	
8018007	CYRIL A. WUEBBELS TITLE REPORT NO. MA-3738-0	0.2891 AC 12,594 SF			0.2891 AC 12,594 SF	0.0032 AC 138 SF		ENTRANCE AND SIDEWALK CONSTRUCTION	09-2-22-09-15-401-030	
8018008	HARVEY A., SR. & Mary K. SCHROETER TITLE REPORT NO. MA-3767-0	0.2119 AC 9,230 SF			0.2119 AC 9,230 SF	0.0106 AC 462 SF		ENTRANCE CONSTRUCTION	09-2-22-09-15-402-003	

SEE SHEET 4 FOR TOTAL HOLDINGS

THOUVENOT, WADE & MOERCHEN, INC.  
4940 OLD COLLINSVILLE ROAD  
SWANSEA, ILLINOIS 62226  
OFFICE (618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU ROUTE 9393 (MAIN STREET)  
SECTION 378R  
MADISON COUNTY  
JOB NO. R-98-018-00  
STATION 25+00 TO STATION 30+00

SCALE: 1" = 20'  
SHEET 2 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 8  
1102 EASTPORT PLAZA DRIVE  
COLLINSVILLE, ILLINOIS 62234-6198



NORTHEAST QUARTER OF SECTION 9, T3N, R7W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS

POINT	STATION	OFFSET	NORTH	EAST
PC	25+24.72	0.00	748,989.5960	2,377,461.9440
9233	26+01.94	26.68' LT	749,064.5940	2,377,432.1760
9234	26+02.35	29.93' LT	749,064.7300	2,377,428.8990
PI	26+41.70	6.88' RT	749,106.5730	2,377,461.6880
BEGIN	26+57.00	0.00	749,121.4601	2,377,452.8399
9225	26+57.22	30.15' RT	749,125.7636	2,377,482.6771
9226	26+57.45	41.15' RT	749,127.4887	2,377,493.5434
9227	26+77.44	34.99' LT	749,136.2357	2,377,415.3053
9228	26+77.47	29.99' LT	749,137.0398	2,377,420.2402
9229	26+97.78	41.14' RT	749,168.9742	2,377,486.9896
9230	26+97.98	30.14' RT	749,167.2491	2,377,476.1236
9206	27+17.65	30.02' RT	749,187.1290	2,377,472.3670
9231	27+30.77	29.98' LT	749,187.8628	2,377,410.8325
9232	27+30.80	34.98' LT	749,186.8454	2,377,405.9371
PT	27+57.60	0.00	749,220.2749	2,377,434.2005
41	27+81.27	125.43' RT	749,272.7520	2,377,550.5550
9210	27+90.42	34.45' RT	749,260.5090	2,377,460.9470

POINT	STATION	OFFSET	NORTH	EAST
40	27+92.98	101.26' LT	749,230.8450	2,377,327.4720
9200	28+22.83	29.78' LT	749,276.6791	2,377,389.9299
9211	28+30.03	45.05' RT	749,301.2593	2,377,460.9660
9201	28+62.83	72.21' LT	749,305.5908	2,377,339.2863
9209	28+74.86	85.00' RT	749,354.2210	2,377,489.2690
9212	29+01.18	85.00' LT	749,379.8045	2,377,483.0842
9202	29+05.10	71.72' LT	749,346.7925	2,377,367.8921
9203	29+17.69	59.86' LT	749,361.8153	2,377,338.4041
9204	29+17.69	29.52' LT	749,368.9440	2,377,367.8921
9225	29+29.62	79.63' RT	749,406.1981	2,377,470.7582
PC	29+40.63	0.00	749,398.1790	2,377,391.1940
9235	29+40.63	38.23' LT	749,389.1950	2,377,354.0300
9236	29+40.63	30.02' LT	749,391.1260	2,377,362.0160
9205	29+48.94	30.34' LT	749,399.2130	2,377,359.7480
9237	29+59.68	30.78' LT	749,409.6830	2,377,356.8120
9213	29+63.63	72.39' RT	749,436.9980	2,377,456.3740
9215	30+10.61	29.90' RT	749,472.7040	2,377,404.8100

POINT	STATION	OFFSET	NORTH	EAST
9220	30+21.97	59.76' RT	749,489.8902	2,377,431.6687
PI	30+35.79	1.58' LT	749,490.6770	2,377,368.8340
9216	30+68.94	59.85' RT	749,534.9780	2,377,422.5940
9217	30+80.71	41.29' RT	749,542.0180	2,377,382.8155
9219	31+25.70	29.71' RT	749,584.4550	2,377,352.6619
PT	31+30.88	0.00	749,593.8900	2,377,391.1700
9226	31+35.34	29.70' RT	749,624.7484	2,377,375.9850
9221	31+66.63	29.83' RT	749,627.6380	2,377,392.7379
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9224	31+96.63	29.96' RT	749,657.2234	2,377,387.7662
END	32+02.62	0.00	749,655.1480	2,377,340.4711
PC	33+26.06	0.00	749,776.7920	2,377,319.4950
PI	34+12.73	0.00	749,862.7155	2,377,308.8682
PT	34+98.88	0.00	749,948.8636	2,377,306.4862

BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL PROVIDED BY TWM, INC.



LEGEND

- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135
- (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP

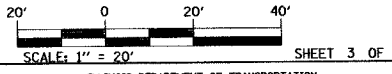
- STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS )  
COUNTY OF ) SS  
THIS IS TO CERTIFY THAT I, EDGAR M. BARNAL AN ILLINOIS PROFESSIONAL LAND SURVEYOR, SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN TROY, ILLINOIS TOWNSHIP 3 NORTH, RANGE 7 WEST, OF THE THIRD PRINCIPAL MERIDIAN, MADISON COUNTY, ILLINOIS AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED \_\_\_\_\_  
EDGAR M. BARNAL, PLS #2750

THOMSON, MADE & MOERCHEN, INC.  
4940 OLD COLLINSVILLE ROAD  
SWANSEA, ILLINOIS 62226  
OFFICE (618) 624-4488

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS  
FAU ROUTE 9393 (MAIN STREET)  
SECTION 37BR  
MADISON COUNTY  
JOB NO. R-98-018-00  
STATION 30+00 TO STATION 35+00



ILLINOIS DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS/DISTRICT 8  
1102 EASTPORT PLAZA DRIVE  
COLLINSVILLE, ILLINOIS 62234-6198

SHEET 1 OF 5 IS A COVER SHEET AND IS NOT RECORDED

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	PREVIOUSLY DEDICATED OR USED FOR R.O.W.	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						TEMP	PERM			
8018005	SIKORA HOMES, INC. MA-2793.01 TITLE REPORT NO.	0.4065 AC 17,705 SF	0.0503 AC 2,190 SF		0.3562 AC 15,515 SF	0.0684 AC 2979 SF		DETOUR AND GRADING	09-2-22-09-11-203-033	
8018006	RAY V. JOHNSON & NANCY J. JOHNSON, AS TRUSTEES MA-3739.00 TITLE REPORT NO.	0.1592 AC 6936 SF			0.1592 AC 6936 SF	0.0117 AC 510 SF		ENTRANCE CONSTRUCTION	09-2-22-09-15-203-030	

SEE SHEET 4 FOR TOTAL HOLDINGS

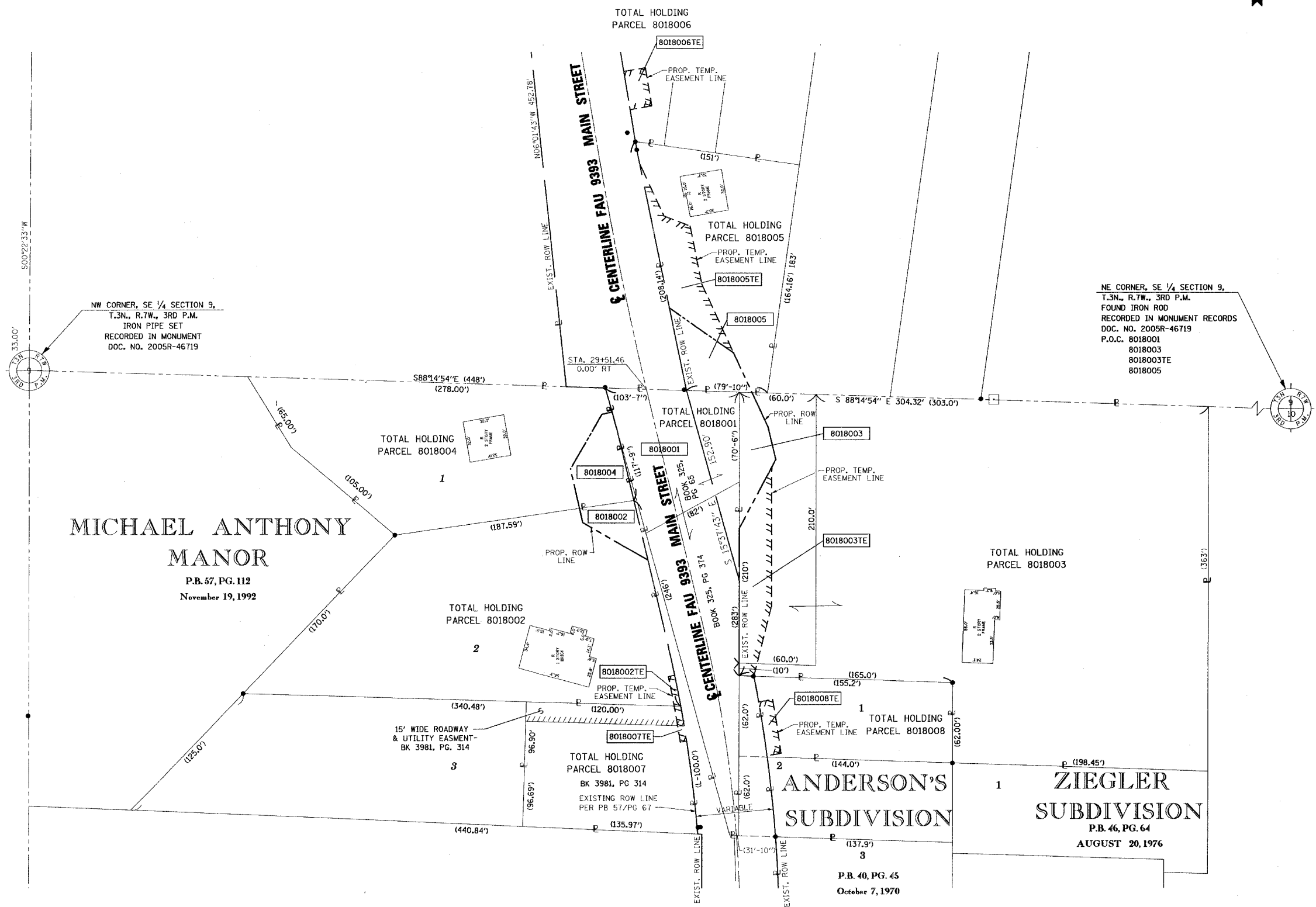
BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL PROVIDED BY TWM, INC.

NORTHEAST AND SOUTHEAST QUARTER OF SECTION 9, T3N, R7W, OF THE 3RD PM, MADISON COUNTY, ILLINOIS



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- EXISTING RIGHT OF WAY LINE
- EXISTING EASEMENT LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- 121.45 MEASURED DIMENSION
- 123.45 (COMP) COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 3/8 INCH IRON ROD
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- SAME OWNERSHIP
- STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



STATE OF ILLINOIS )  
 COUNTY OF ) SS  
 )  
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 MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
 DATED \_\_\_\_\_  
 EDGAR M. BARNAL, PLS #2750

THOUVENOT, WADE, & MOERCHEN, INC.  
 4940 OLD COLLINSVILLE ROAD  
 SWANSEA, ILLINOIS 62226  
 OFFICE (618) 624-4488

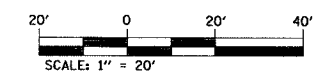
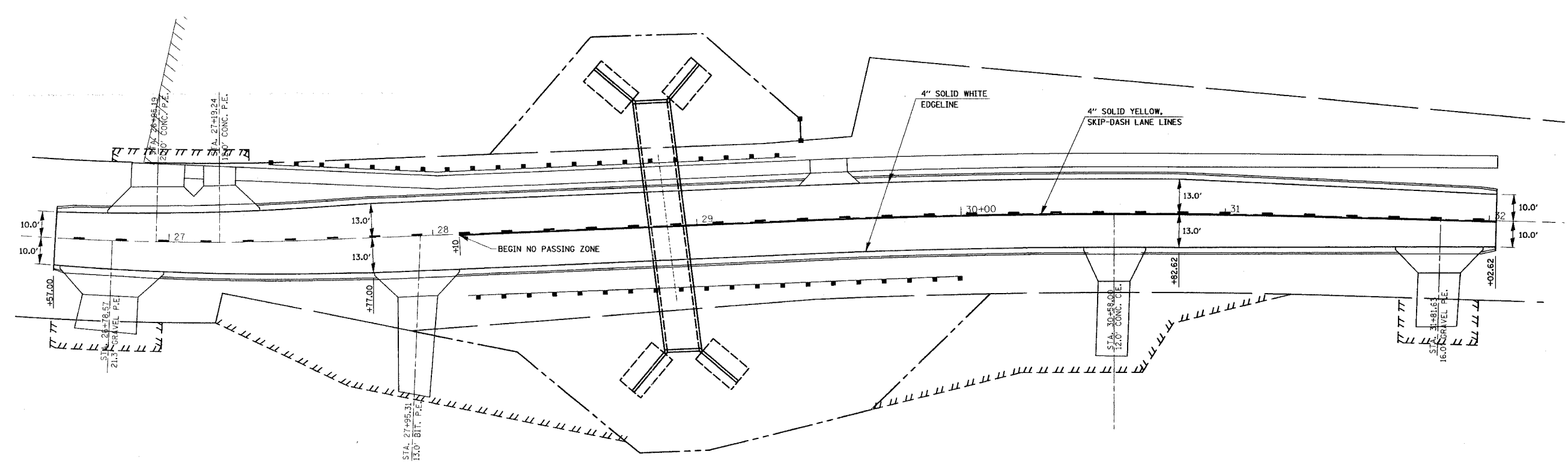
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS  
 FAU ROUTE 9393 (MAIN STREET)  
 SECTION 37BR  
 MADISON COUNTY  
 JOB NO. R-98-018-00  
 STATION 22+00 TO STATION 26+00

SCALE: 1" = 40'

SHEET 4 OF 5

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.I.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	18
STA. 26+57.00		TO STA. 32+02.62		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76304				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PAVEMENT MARKING DETAILS  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY  
 DRAWN BY: SGK

PLOT DATE: 12/6/2006  
 PLOT SCALE: 1" = 20'  
 USER NAME: r.gherman

Bench Mark: Chiseled square on Southwest retaining wall. Elevation 537.96

The existing structure was built prior to 1940 as a concrete arch culvert. 26'-0" face to face of curb with culvert length of 44'-0".

Traffic to be maintained utilizing stage construction.

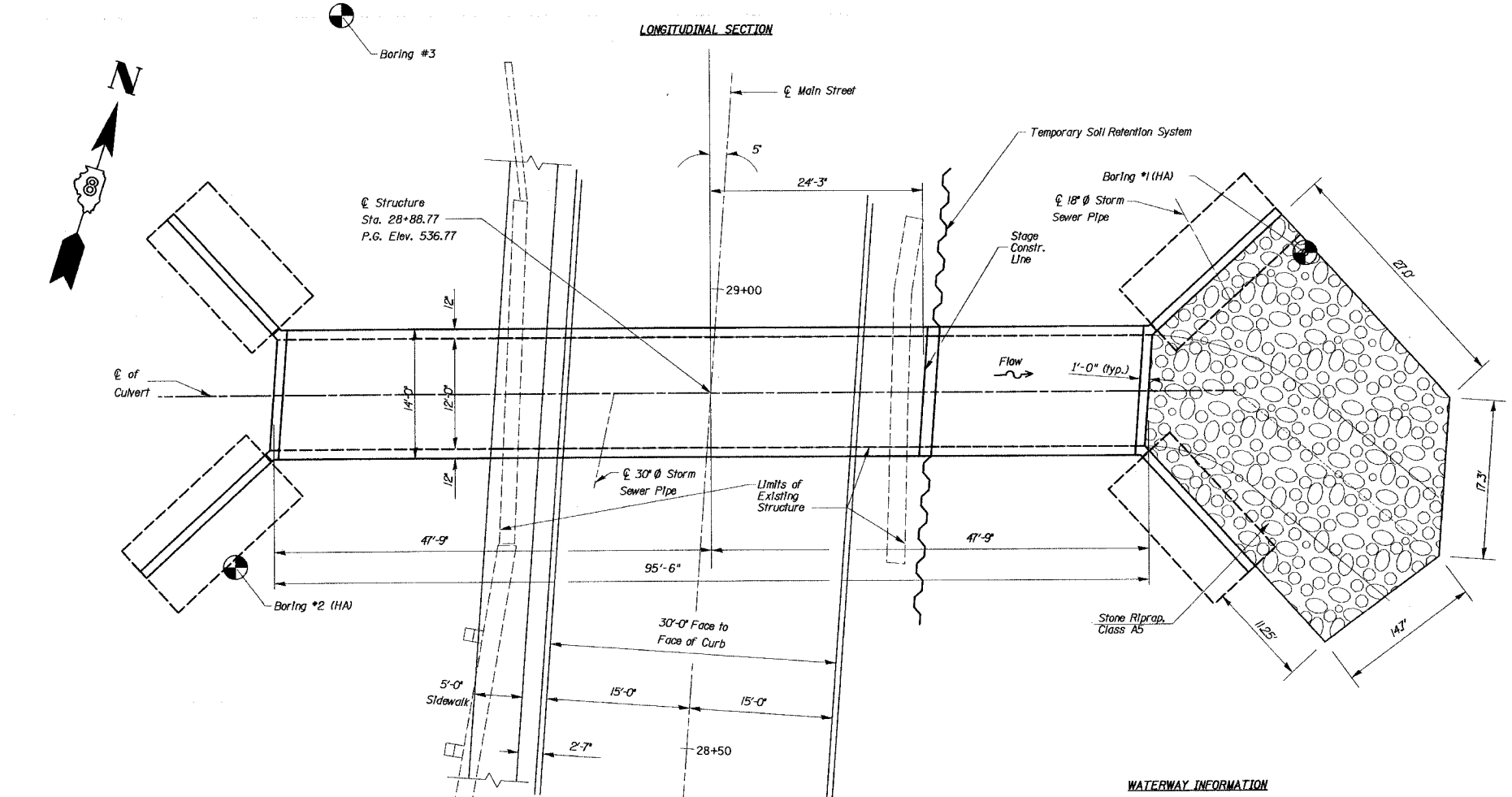
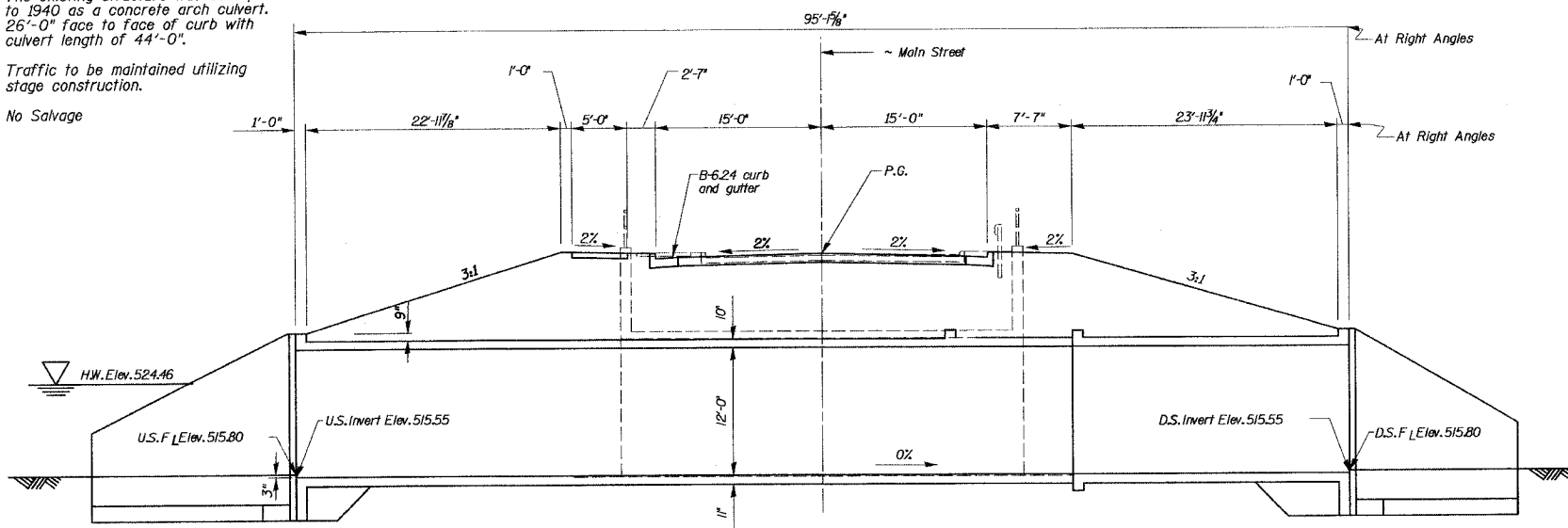
No Salvage

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 9393	37-BR	MADISON	38	19
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76304	

SHEET NO. 1  
5 SHEETS

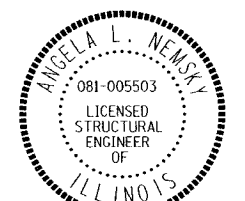
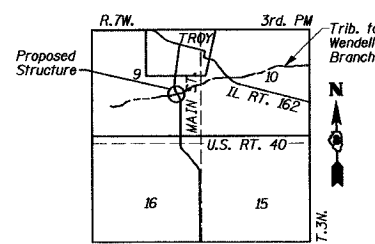
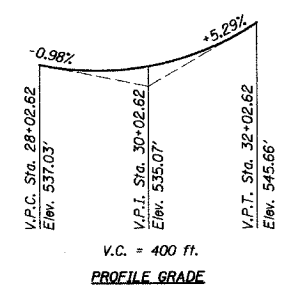
**GENERAL NOTES**

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each		1	1
Concrete Box Culverts	Cu. Yd.	254.1		254.1
Reinforcement Bars	Pound	46140		46140
Reinforcement Bars, Epoxy Coated	Pound	3380		3380
Bar Splicers	Each	88		88
Stone Riprap, Class A5	Sq. Yd.	106		106
Filter Fabric	Sq. Yd.	106		106
Temporary Soil Retention System	Sq. Ft.	599		599



Angela L. Nemsky  
12/18/2006  
expires 11/30/2008

**WATERWAY INFORMATION**

Drainage Area = 1.35 Sq. Mi. Low Grade Elev = 536.53 Ft. @ 29+44.47 Max. Rec. H.W.E. = unknown Ft.

	Freq. Yr.	Q C.F.S.	Opening - Sq. Ft.		Head - Ft.		Headwater El. - Ft.		
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	
Flood Design	50	1024	101.88	103.92	524.46	2.35	2.12	526.81	526.58
Base	100	1189	106.20	108.24	524.82	2.91	2.68	527.73	527.50
Overtopping									
Max. Calc.	500	1589	114.96	117.00	555.55	4.38	4.14	529.93	529.69

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

**DESIGN SPECIFICATIONS**  
2002 AASHTO

**DESIGN STRESSES**  
**FIELD UNITS**  
f'c = 3,500 psi  
fy = 60,000 psi (reinforcement)

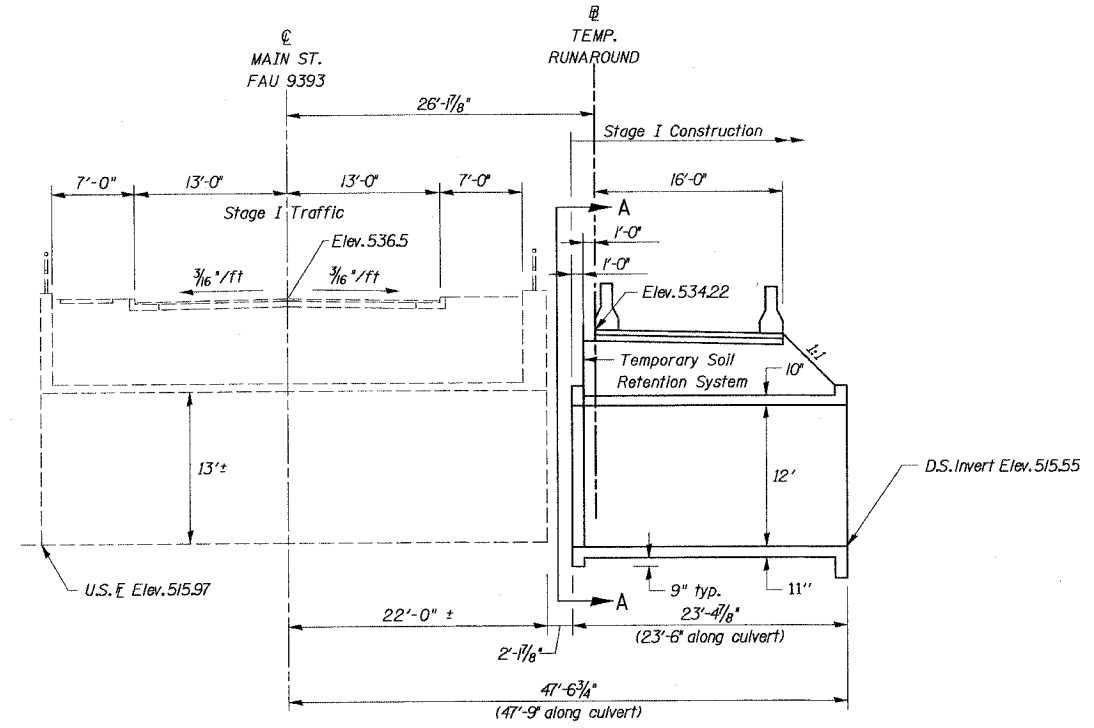
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
GENERAL PLAN  
MAIN ST. OVER UNNAMED  
TRIBUTARY TO WENDELL BRANCH  
F.A.U. ROUTE 9393 - SEC. 37BR  
MADISON COUNTY  
STATION 28+88.77  
STRUCTURE NO. 060-2407

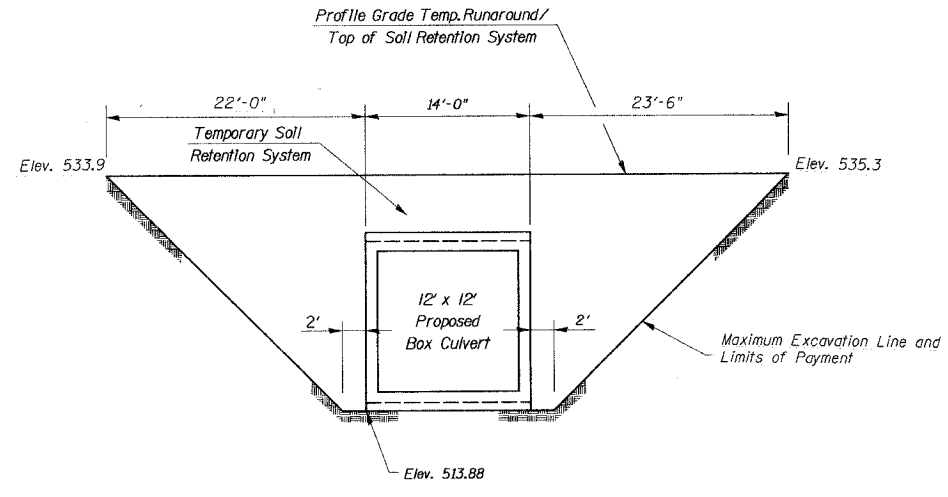
DESIGNED	ALN
CHECKED	
DRAWN	J1
CHECKED	ALN

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 9393	37-BR	MADISON	38	20
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
CONTRACT NO. 76304				

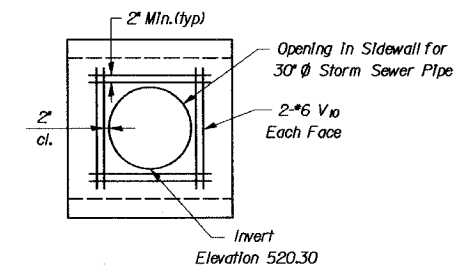
SHEET NO. 2  
5 SHEETS



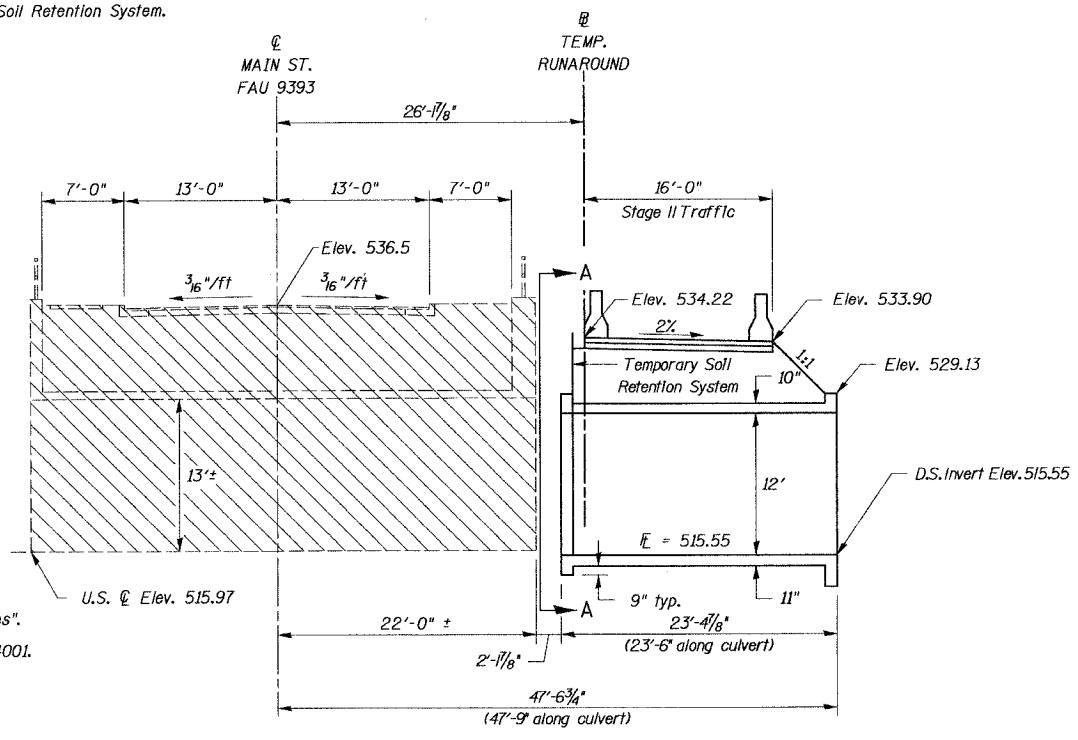
**STAGE I CONSTRUCTION  
LONGITUDINAL SECTION**  
(All dimensions at Rt. angles to  $\text{C}$  Main St.)  
Establish traffic control as shown on the plans.  
Construct east section of proposed culvert.  
Construct temporary runaround and Temporary  
Soil Retention System.



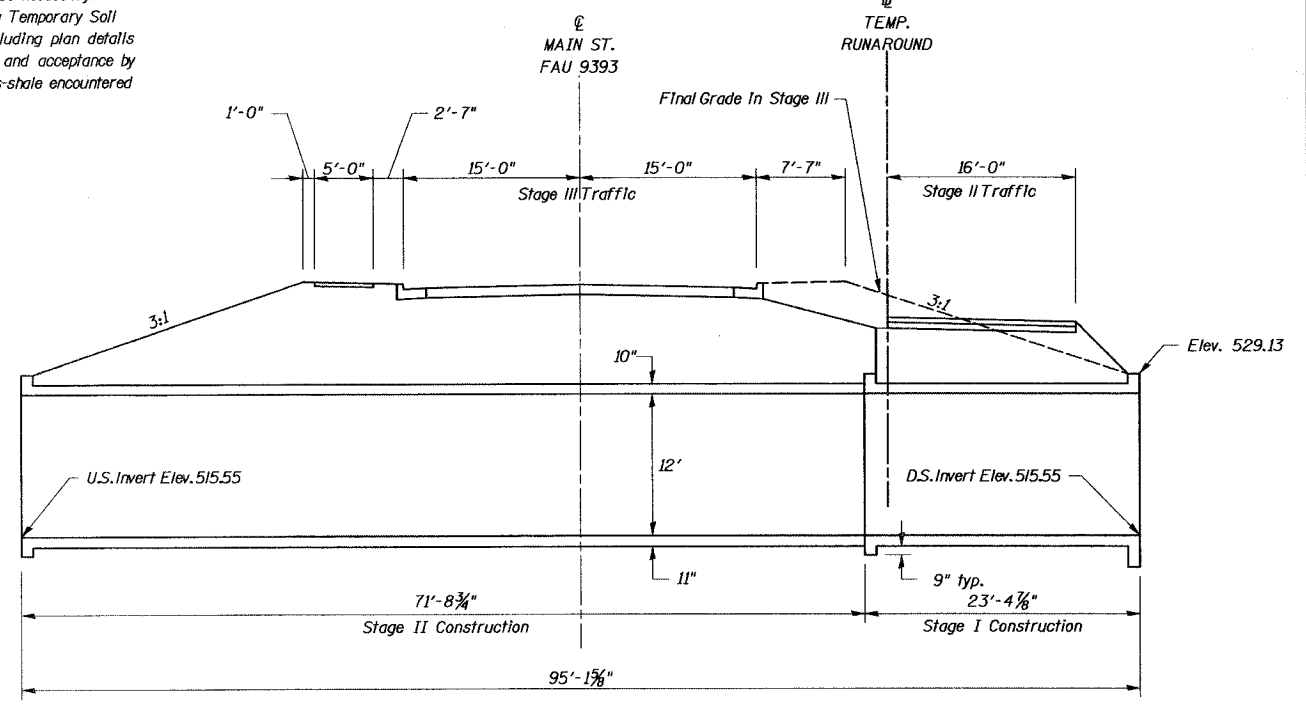
**SECTION A-A**  
(Showing Temporary Soil Retention System)  
A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations for review and acceptance by the Engineer. See boring logs shale encountered at elevation 505.3.



**SECTION B-B**  
(See Sheet 3 of 5)



**STAGE II REMOVAL  
LONGITUDINAL SECTION**  
(All dimensions at Rt. angles to  $\text{C}$  Main St.)  
Traffic maintained on runaround.  
Remove existing culvert



**STAGE II CONSTRUCTION  
LONGITUDINAL SECTION**  
(All dimensions at Rt. angles to  $\text{C}$  Main St.)  
Establish traffic control as shown on the plans.  
Construct west section of proposed culvert.

**NOTES**  
Hatched areas indicate "Removal of Existing Structures".  
For Temporary Concrete Barrier details, see Std. 704001.

DESIGNED	ALN
CHECKED	
DRAWN	JL
CHECKED	ALN

REVISIONS	
NAME	DATE

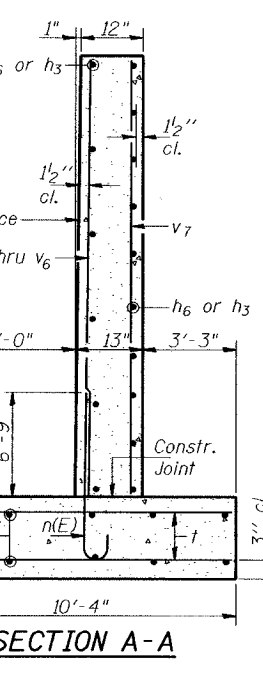
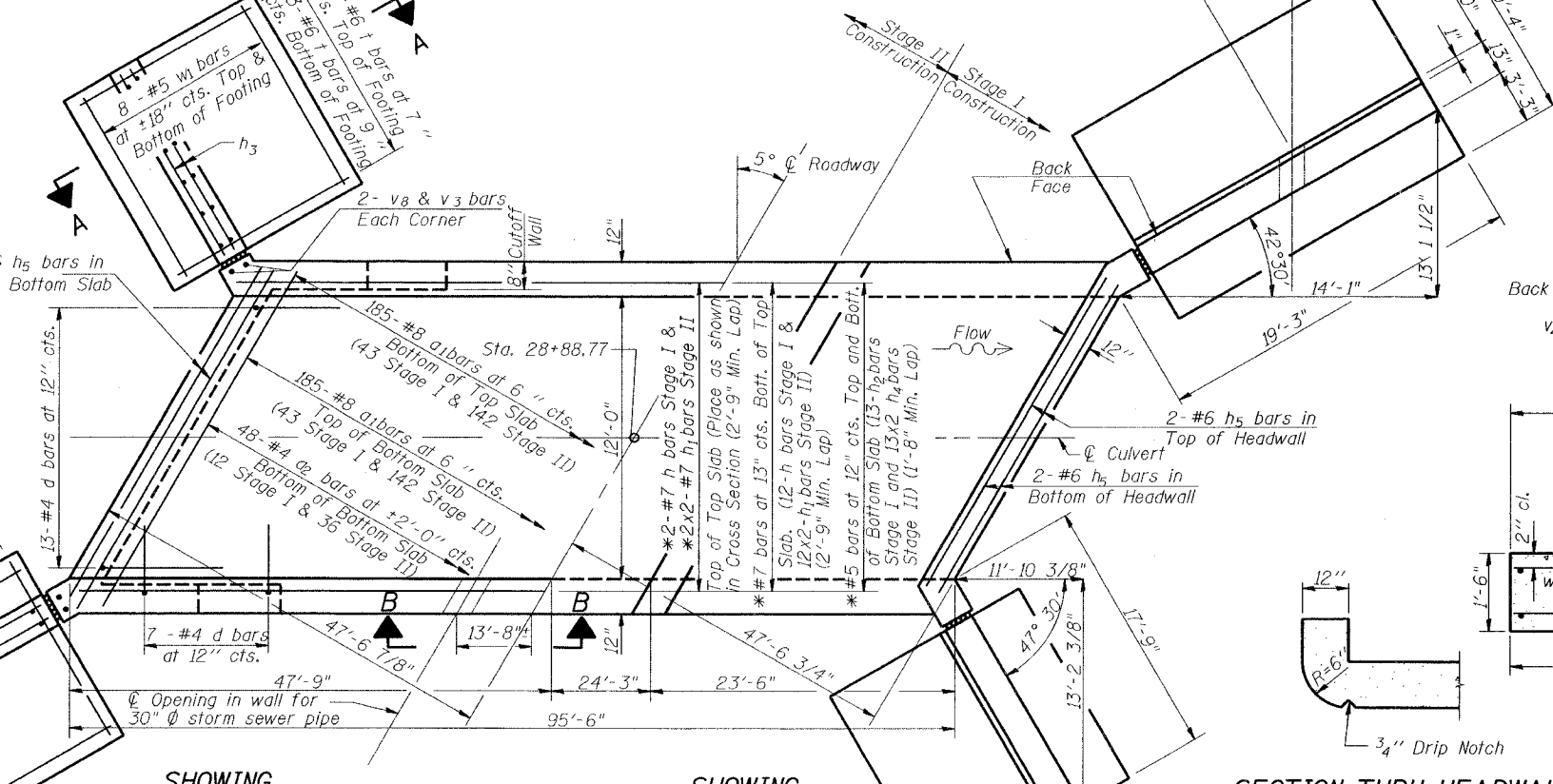
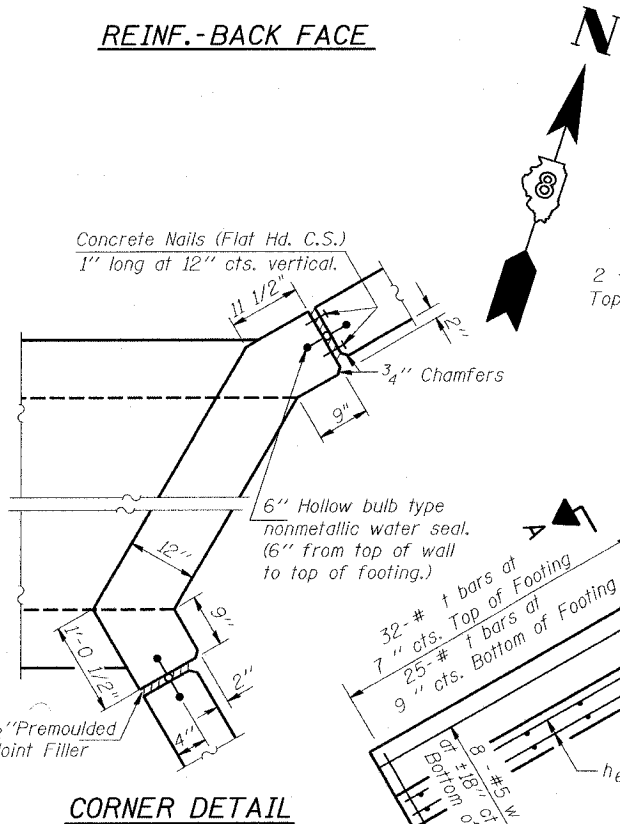
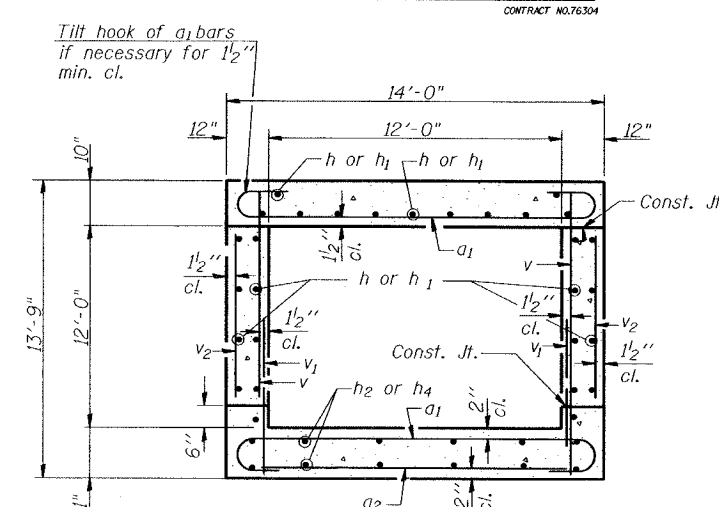
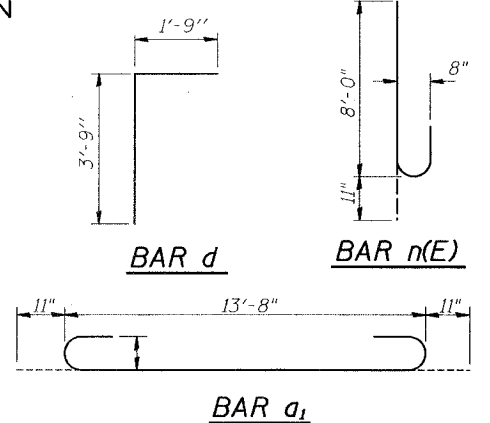
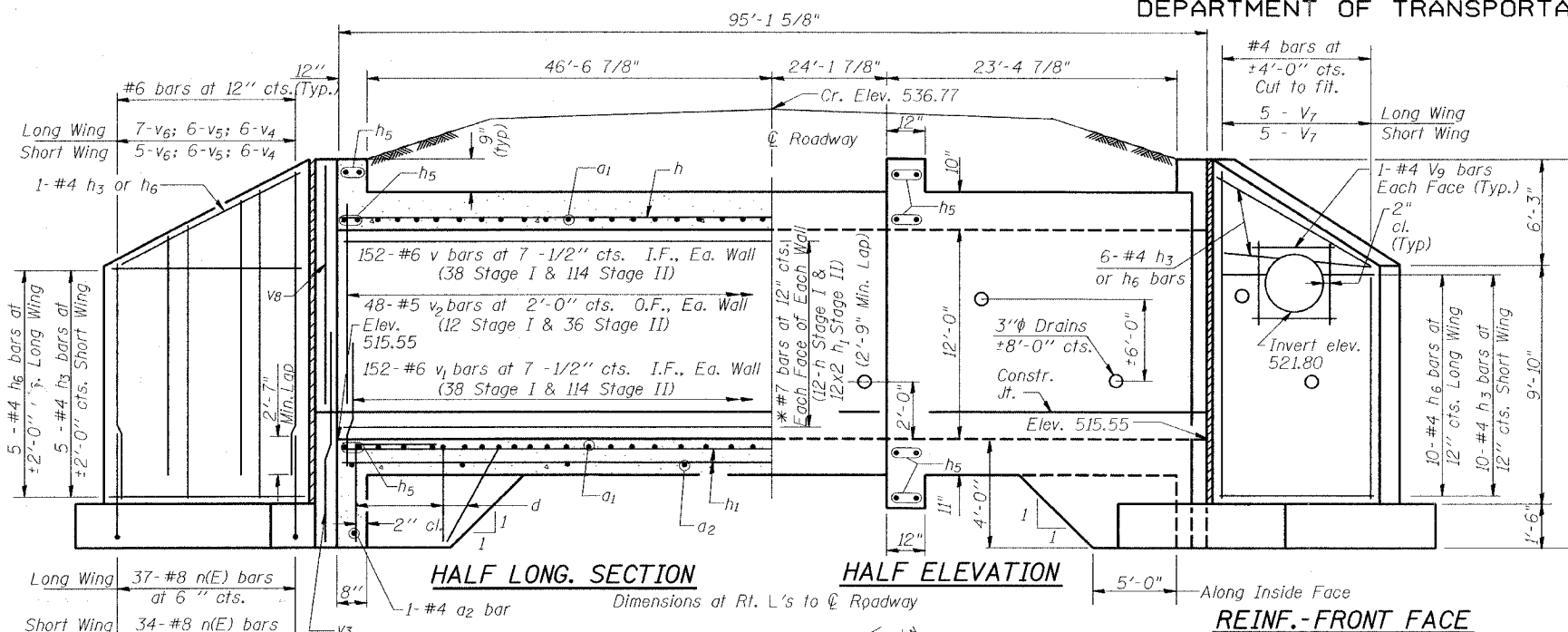
ILLINOIS DEPARTMENT OF TRANSPORTATION  
STAGE CONSTRUCTION DETAILS  
MAIN ST. OVER UNNAMED  
TRIBUTARY TO WENDELL BRANCH  
F.A.U. ROUTE 9393 - SEC. 37BR  
MADISON COUNTY  
STATION 28+88.77  
STRUCTURE NO. 060-2407

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 9393	37-BR	MADISON	38	21
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76304

SHEET NO. 3  
5 SHEETS



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	370	#8	15'-6"	[hooked]
a2	48	#4	13'-8"	[hooked]
d	54	#4	5'-6"	[L-shaped]
h	62	#7	23'-2"	[hooked]
h1	124	#7	37'-2"	[hooked]
h2	26	#5	23'-2"	[hooked]
h3	44	#4	16'-8"	[hooked]
h4	52	#5	36'-8"	[hooked]
h5	20	#6	11'-8"	[hooked]
h6	44	#4	18'-2"	[hooked]
n(E)	142	#8	8'-11"	[hooked]
t	220	#6	10'-0"	[hooked]
v	304	#6	12'-2"	[hooked]
v1	304	#6	2'-6"	[hooked]
v2	96	#5	11'-4"	[hooked]
v3	8	#5	6'-0"	[hooked]
v4	24	#6	11'-10"	[hooked]
v5	24	#6	9'-9"	[hooked]
v6	24	#6	7'-9"	[hooked]
v7	20	#4	15'-7"	[hooked]
v8	8	#5	12'-10"	[hooked]
v9	8	#4	3'-2"	[hooked]
v10	16	#6	4'-4"	[hooked]
w	32	#5	18'-2"	[hooked]
w1	32	#5	16'-8"	[hooked]
Concrete Box Culverts		Cu. Yd.	254.1	
Reinforcement Bars, Epoxy Coated		Pound	3380	
Reinforcement Bars		Pound	46,140	
Bar Splicers		Each	88	

DESIGNED	ALN
CHECKED	
DRAWN	J1
CHECKED	ALN

Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.  
Reinforcement bars designated (E) shall be epoxy coated.  
All construction joints shall be bonded.  
Max. soil pressure under footing = 2702 psf (Max. Allowable = 3000 psf)  
At stage const. Jt. bars denoted by "\*" shall be lapped with bar splicers of same size. See sht. 4 of 5.  
I.F. = Inside Face O.F. = Outside Face E.F. = Each Face  
See sht 2 of 5 for section B-B

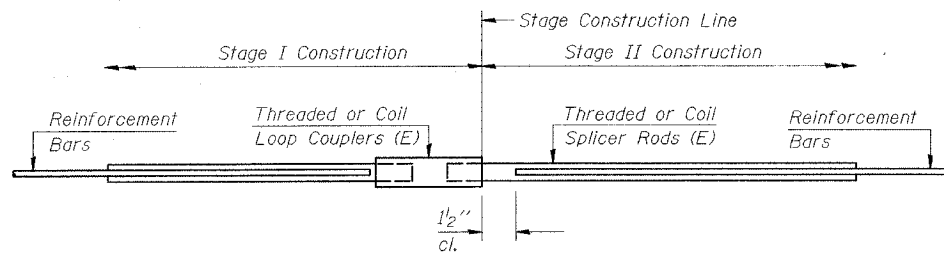
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
BOX CULVERT DETAILS  
MAIN ST. OVER UNNAMED  
TRIBUTARY TO WENDELL BRANCH  
F.A.U. ROUTE 9393 - SEC. 37BR  
MADISON COUNTY  
STATION 28+88.77  
STRUCTURE NO. 060-2407  
SCALE: VERT. DATE      HORIZ. DATE  
DRAWN BY      CHECKED BY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 9393	37-BR	MADISON	39	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76304	

SHEET NO. 4  
5 SHEETS



SPLICER DETAIL

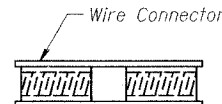
Bar Size	No. Assemblies Required	Location
#5	26	Bottom Slab
#7	14	Top Slab
#7	48	Sidewalls

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

ROLLED THREAD DOWEL BAR



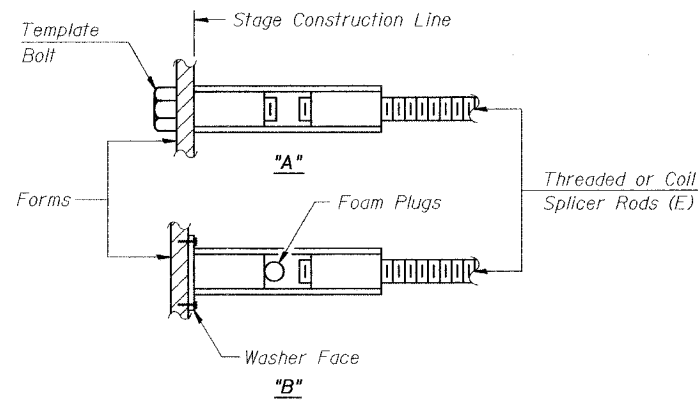
\*\* ONE PIECE



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.

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

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 SPLICER ASSEMBLIES

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

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."

DESIGNED	ALN
CHECKED	
DRAWN	JI
CHECKED	ALN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY DETAILS

MAIN ST. OVER UNNAMED  
TRIBUTARY TO WENDELL BRANCH  
F.A.U. ROUTE 9393 - SEC. 37BR  
MADISON COUNTY  
STATION 28+88.77  
STRUCTURE NO. 060-2407

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF BRIDGE ENGINEERING  
 CHICAGO, ILLINOIS 60681-1000  
 TEL: (312) 344-1000  
 FAX: (312) 344-1001

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 9393	37BR	MADISON	38	23

SHEET NO. 5  
5 SHEETS

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT -  
Contract No. 78304



**Illinois Department of Transportation**  
Division of Highways  
Main Street over Tributary to Wendell Branch in Troy

### SOIL BORING LOG

Page 1 of 1

Date 12/20/00

ROUTE FAU 9393 DESCRIPTION Main Street over Tributary to Wendell Branch in Troy LOGGED BY Larry Ford  
SECTION 37BR LOCATION SE 14, SEC. 9, TWP. 3 N, RNG. 7 W, 3 PM  
COUNTY MADISON DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
	28+88.77	#1 NE Wingwall	29+05	53.00ft Rt.	516.0			514.5				

Description	Elev. (ft)	Depth (ft)	Bulge (ft)	Shear (tsf)	Penetrometer (N)	Failure Mode						
						B	S	P				
Sand LOAM	514.5					NC		31				
Clay LOAM		1.4				P		25				
		1.7										
			1.9									
		1.5										
			2.0									
		2.5										
			2.3									
			2.1									
		2.5										
			2.0									
			2.8									
	END OF HAND AUGER	506.0	-10									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



**Illinois Department of Transportation**  
Division of Highways  
Main Street over Tributary to Wendell Branch in Troy

### SOIL BORING LOG

Page 1 of 1

Date 12/20/00

ROUTE FAU 9393 DESCRIPTION Main Street over Tributary to Wendell Branch in Troy LOGGED BY Larry Ford  
SECTION 37BR LOCATION SE 14, SEC. 9, TWP. 3 N, RNG. 7 W, 3 PM  
COUNTY MADISON DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
	28+88.77	#2 SW Wingwall	28+70	49.00ft Lt.	518.5			516.5				

Description	Elev. (ft)	Depth (ft)	Bulge (ft)	Shear (tsf)	Penetrometer (N)	Failure Mode						
						B	S	P				
Silty Clay LOAM		0.5				P		32				
		0.2										
	515.5											
Brown Silty CLAY		1.3				P		31				
		2.0										
	513.5	-5										
Clay LOAM		1.5				P		22				
		2.5										
			2.2									
			2.0									
		3.2										
			2.0									
			3.6									
			3.7									
		-10										
			2.7									
END OF HAND AUGER	505.5											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)



**Illinois Department of Transportation**  
Division of Highways  
Main Street over Tributary to Wendell Branch in Troy

### SOIL BORING LOG

Page 1 of 1

Date 1/9/01

ROUTE FAU 9393 DESCRIPTION Main Street over Tributary to Wendell Branch in Troy LOGGED BY Larry Ford  
SECTION 37BR LOCATION SE 14, SEC. 9, TWP. 3 N, RNG. 7 W, 3 PM  
COUNTY MADISON DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
	28+88.77	#3	29+27	43.00ft Lt.	536.8			524.3				

Description	Elev. (ft)	Depth (ft)	Bulge (ft)	Shear (tsf)	Penetrometer (N)	Failure Mode						
						B	S	P				
Brown Silty CLAY w/rock & cinders		4							3.1			
		10										
		14										
Fill Area		7								3.1		
		15										
		20										
Concrete, bricks, rubble to 8.5'		9										
		19							6.0			
		24							S/20			
		7										
		19										
Brown SAND	526.3											
Refusal on rubble		1										
		5										
Small recovery due to rubble		15							NC			
		7										
		3										
END OF BORING	520.3											
Brown Clay LOAM		3										
		5										
		6							S/15			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SOIL BORING LOGS  
MAIN ST. OVER UNNAMED  
TRIBUTARY TO WENDELL BRANCH  
F.A.U. ROUTE 9393 - SEC. 37BR  
MADISON COUNTY  
STATION 28+88.77  
STRUCTURE NO. 060-2407

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76304

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

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

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. 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:

1. THE PROJECT CONSISTS OF THE REPLACEMENT OF AN EXISTING CAST-IN-PLACE CONCRETE 13' X12' ARCH CULVERT WITH A 12' X12' CAST-IN-PLACE CONCRETE BOX CULVERT.
2. CONSTRUCTION INCLUDES A TEMPORARY RUNAROUND, STORM SEWERS, EARTH EXCAVATION, PAVEMENTS AND OTHER APPURTENANT ITEMS.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. EXCAVATION AND EMBANKMENT WILL BE COMPLETED TO CONSTRUCT STAGE 1 OF THE PROPOSED BOX CULVERT.
2. ISOLATED TREE REMOVAL FOR THE BOX CULVERT EXTENSION TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
3. STAGE 1 OF PROPOSED BOX CULVERT TO BE CONSTRUCTED, PLACEMENT OF PERMANENT RIP RAP DOWNSTREAM OF PROP. BOX CULVERT.
4. CONSTRUCT RUNAROUND EMBANKMENT, PAVEMENT, & TRAFFIC CONTROL- SWITCH TRAFFIC TO RUNAROUND. PLACEMENT MAINTENANCE, AND REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING ETC.
5. EXCAVATE FOR REMOVAL OF EXISTING CULVERT. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
6. CONSTRUCT STAGE 2 OF PROPOSED BOX CULVERT
7. BACKFILL STAGE 2 OF PROPOSED BOX CULVERT AND CONSTRUCT PERMANENT EMBANKMENT WEST OF RUNAROUND. INSTALL TEMP. EROSION CONTROL MEASURES.
8. REMOVE RUNAROUND & CONSTRUCT REMAINING PERMANENT EMBANKMENT.
9. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH, AND EROSION CONTROL BLANKET, SEEDING, ETC.
10. FINAL GRADING, PAVING, AND OTHER MISCELLANEOUS ITEMS.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 1.3 ACRES OF WHICH 1.1 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, STANDARD SPECIFICATIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. UNNAMED TRIBUTARY OF WENDEL BRANCH.

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
  - (a.) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
  - (b.) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
  - (c.) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
  - (d.) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
  - (e.) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
  - (f.) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

*Mary C. Lanni* 5-22-07  
 DEPUTY DIRECTOR OF HIGHWAYS DATE  
 REGION FIVE ENGINEER

REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
 FAU ROUTE 9393  
 SECTION 37-BR  
 MADISON COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 76304

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
  - (a.) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
  - (b.) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
  - (c.) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
    - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
    - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
    - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
    - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
    - V. BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
    - VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
  - (d.) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
  - (e.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
  - (f.) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
  - (g.) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.
  - (h.) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR TEMPORARY EROSION CONTROL SYSTEM.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. 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.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.






MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS:

1. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN, AND/OR OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT COORDINATOR.
  1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 2 FT. FALL/RISE IN DITCH GRADE.
  2. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.
  3. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.
  4. MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.
  5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
  6. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

LEGEND

-  TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

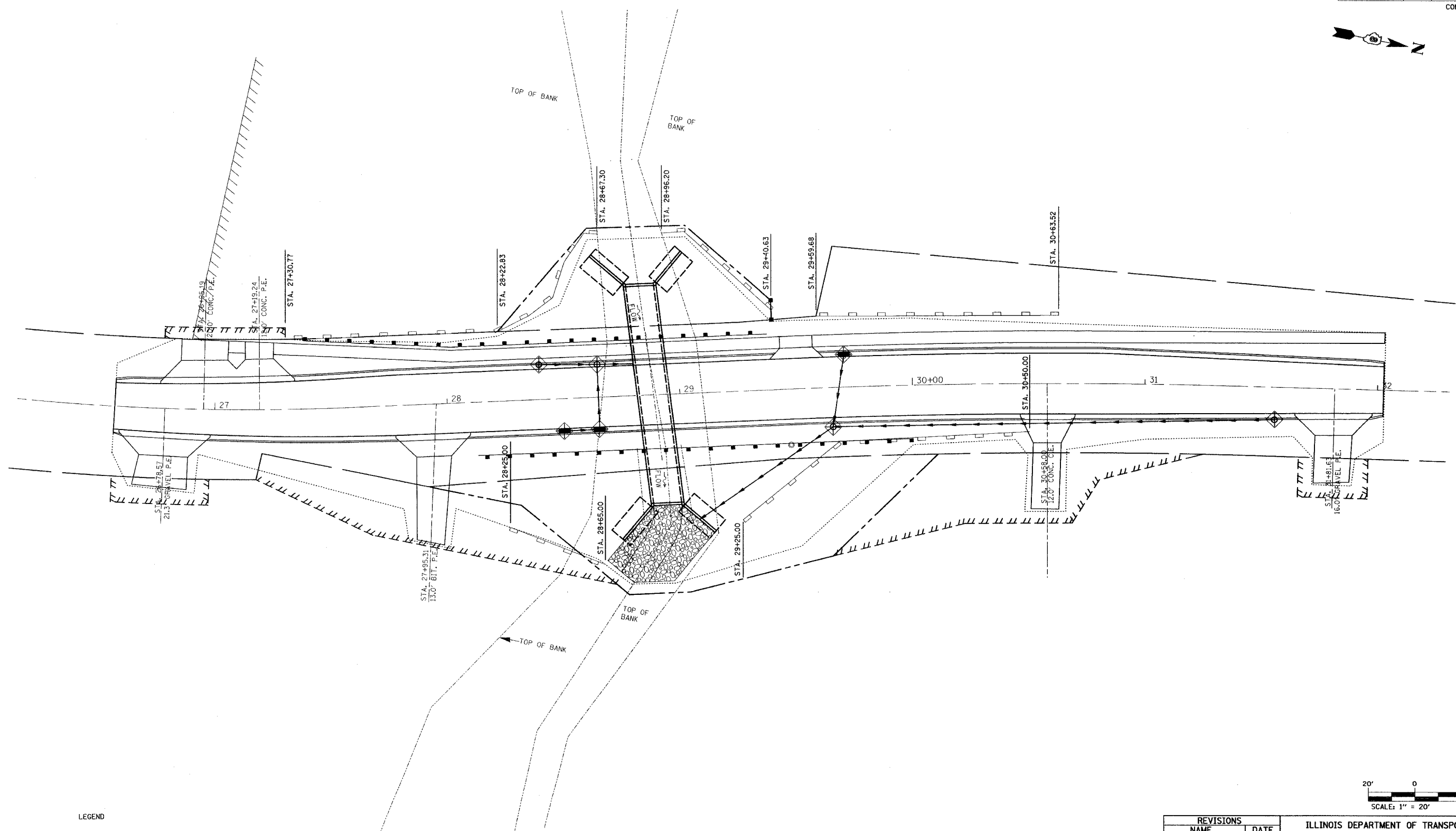
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION  
 PREVENTION PLAN**  
 FAU ROUTE 9393  
 SECTION 37-BR  
 MADISON COUNTY

SCALE: VERT.  
 HORIZ.  
 DATE

DRAWN BY  
 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	26
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76304				



LEGEND

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS
- PERIMETER EROSION CONTROL BARRIER
- AGGREGATE DITCH, 12"
- EROSION CONTROL BLANKET



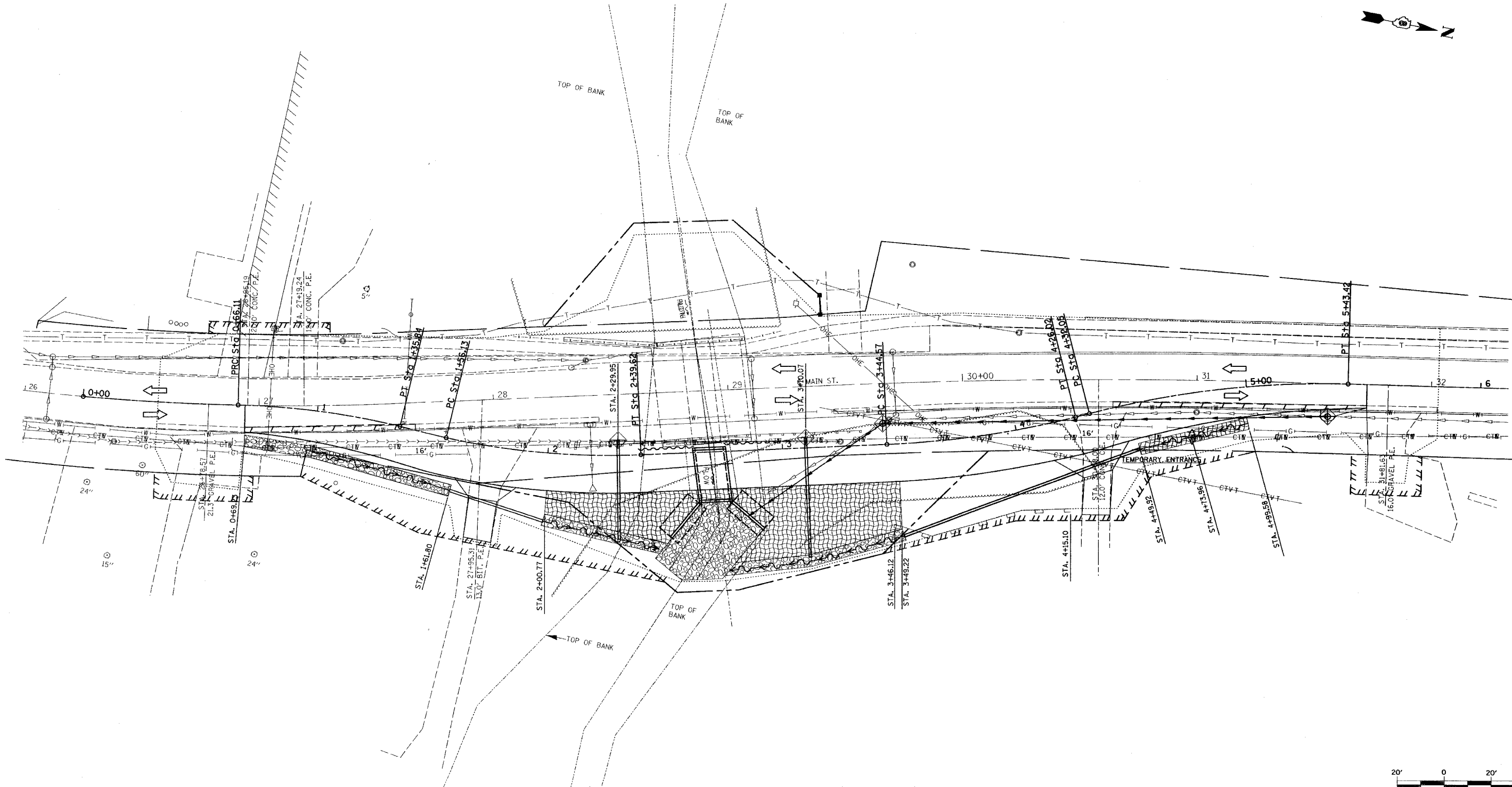
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY

DRAWN BY: SGK

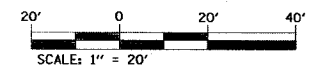
PLOT DATE: 12/21/2006  
 PLOT SCALE: 1" = 20.00' / 30.00'  
 USER: NAME

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	27
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76304				



LEGEND

- ⊕ INLET AND PIPE PROTECTION
- ⊕ TEMPORARY DITCH CHECKS
- PERIMETER EROSION CONTROL BARRIER
- ▨ AGGREGATE DITCH, 12"
- ▩ EROSION CONTROL BLANKET



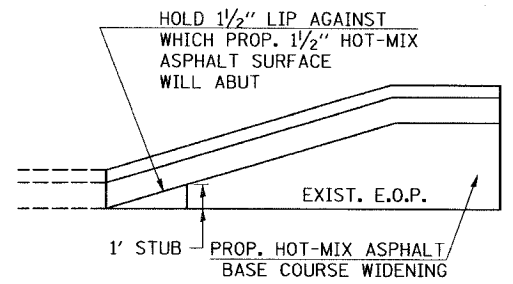
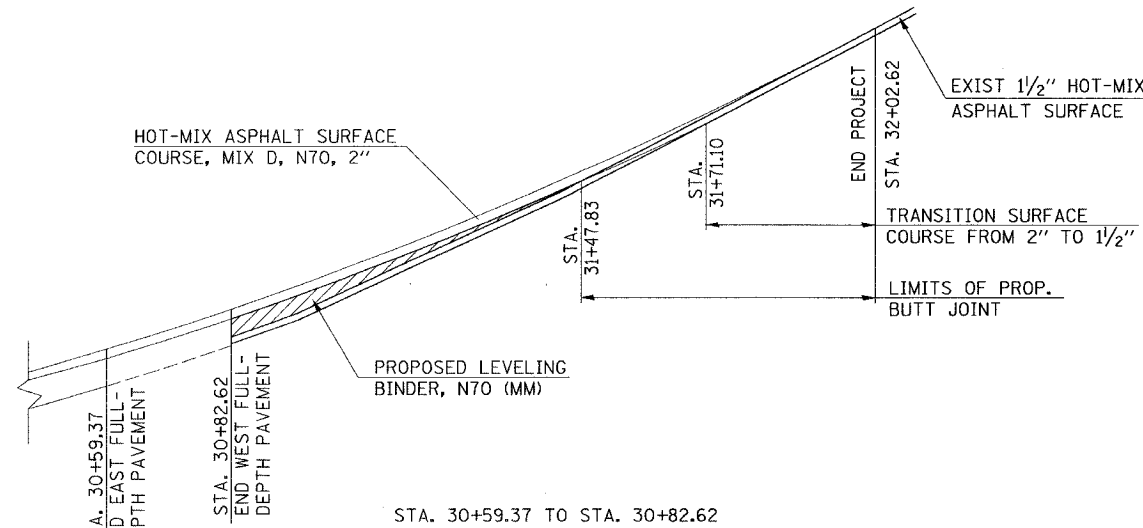
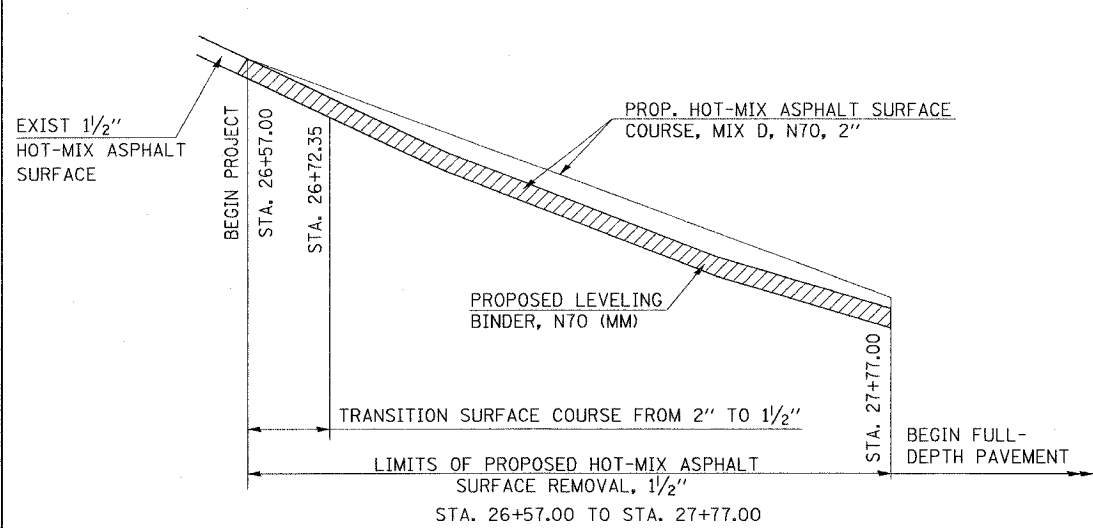
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY

DRAWN BY: SGK

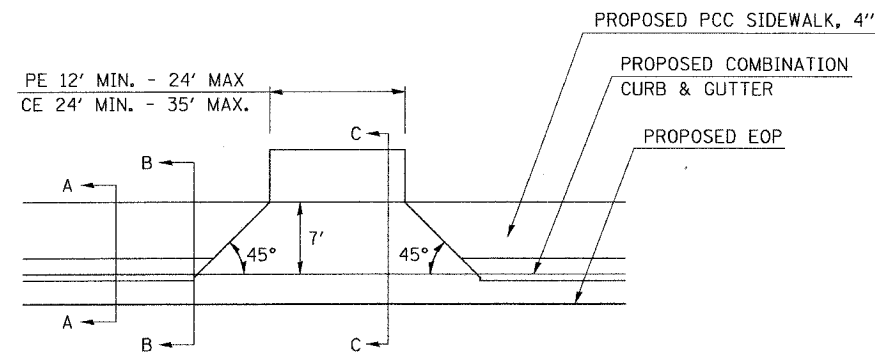
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 USER: NAME: S. GIBSON

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	28
STA. TO STA.				
EXISTING CONDITIONS:				
CONTRACT NO. 76304				

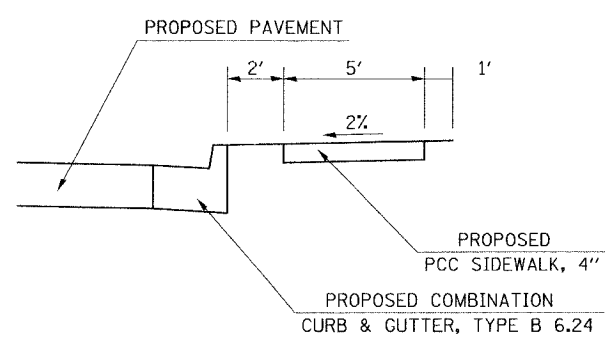


PROPOSED PAVEMENT TRANSITION DETAIL  
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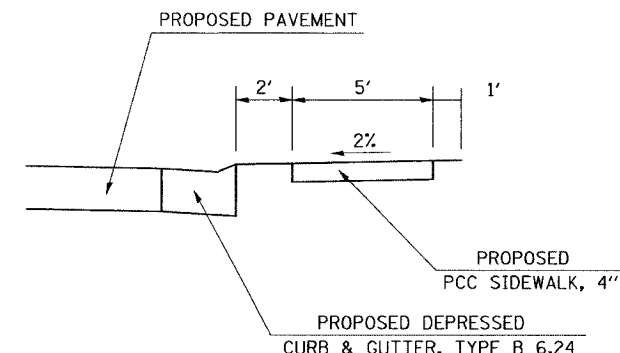
DETAIL FOR TERMINATION OF HOT-MIX ASPHALT BASE COURSE WIDENING (LEFT SIDE WIDENING)  
 NOT TO SCALE



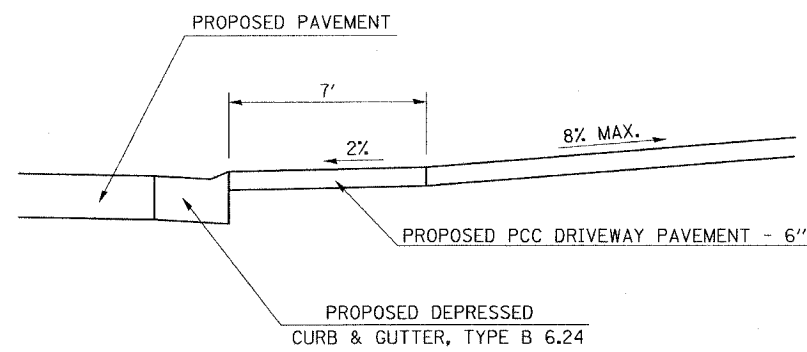
CURB AND GUTTER ENTRANCE DETAIL  
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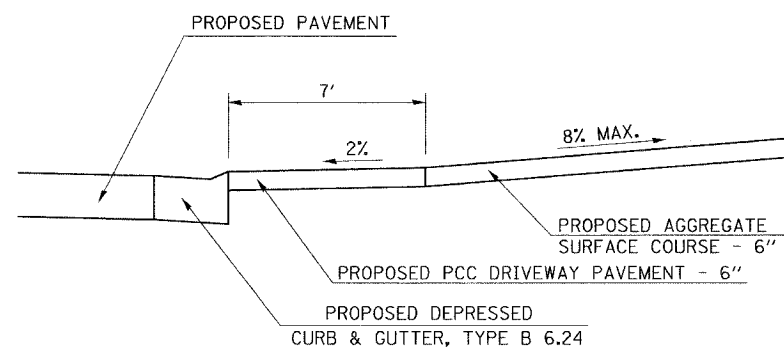
SECTION A-A  
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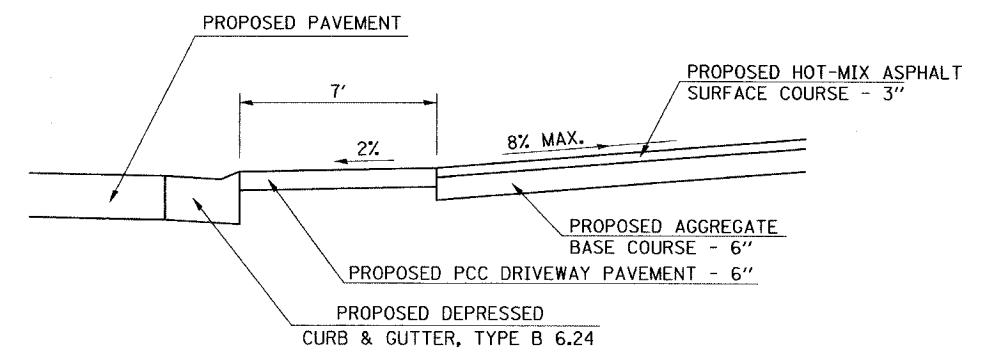
SECTION B-B  
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SECTION C-C  
 NOT TO SCALE  
 (P.C.C. ENTRANCE)



SECTION C-C  
 NOT TO SCALE  
 (AGGREGATE ENTRANCE)



SECTION C-C  
 NOT TO SCALE  
 (BIT. CONC. ENTRANCE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROJECT DETAILS  
 FAU ROUTE 9393 (MAIN ST.)  
 SECTION 37-BR  
 MADISON COUNTY  
 DRAWN BY: SKC

PLAN	SURVEYED	DATE
	NOTE BOOK	
	ALTIMETER CHECKED	
	RT. OF WAY CHECKED	
	POSTS SET AS SHOWN	

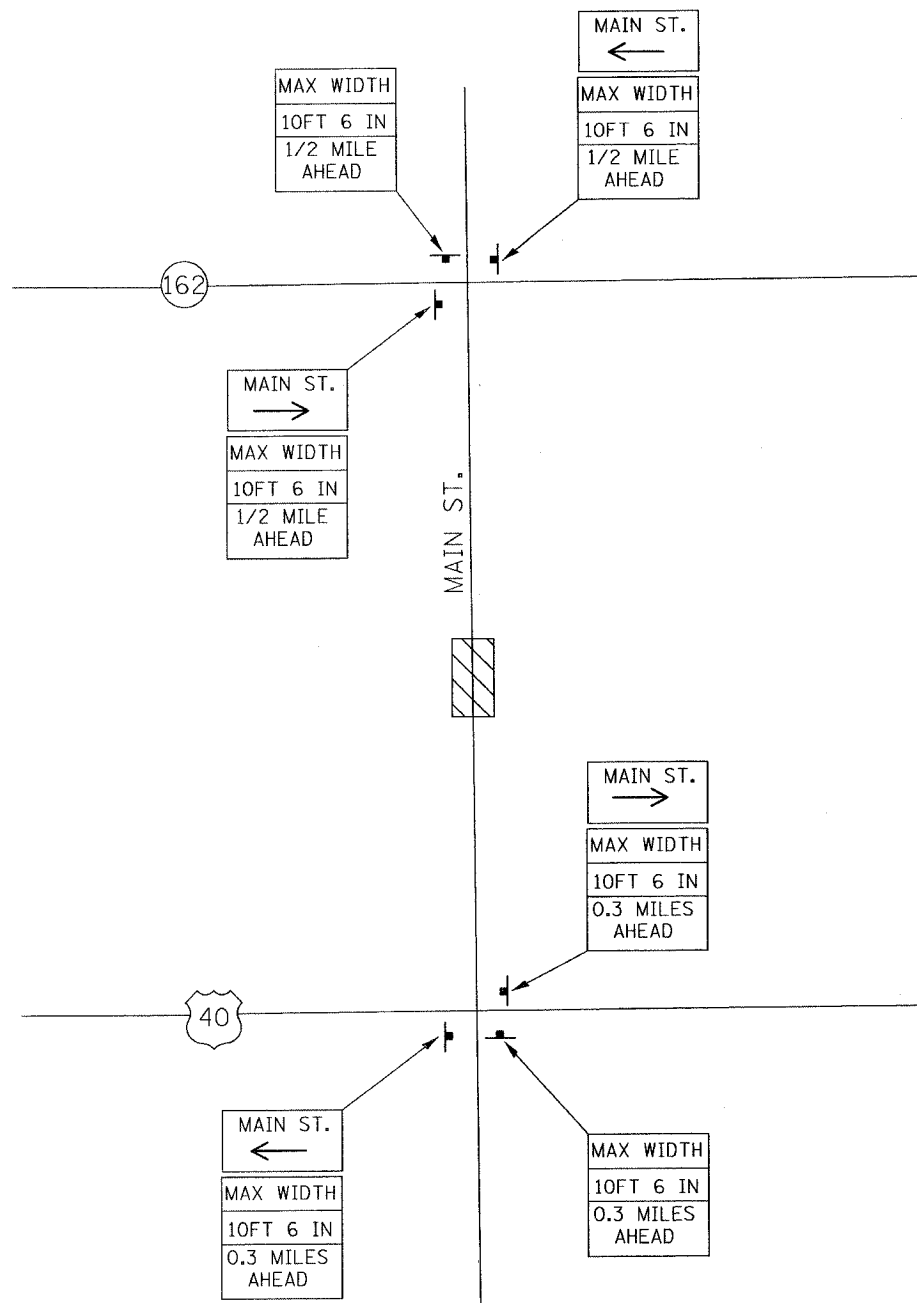
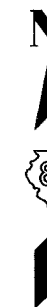
PLD: DATE 1/27/2008  
 FILED: 1/27/2008  
 11:00 AM  
 11/11/2008

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76304				

Notes

1. All signs required will be supplied to the contractor by I.D.O.T.
2. The contractor shall furnish the posts and erect signs at the locations shown on this sheet, as directed by the R.E./R.T. The posts shall remain the property of the contractor.
3. The contractor shall give Illinois Department of Transportation, Bureau of Operations two weeks notice for signs. The contractor shall pick up the signs at the T.M. building in Fairview Hgts., and return them upon completion of the contract.
4. The above noted work shall be paid for at the contract unit price, Lump Sum, for Wide Load Signing and no other compensation will be allowed.
5. Sign spacing will be 400' or to fit field conditions.
6. The height to the bottom of the lowest sign shall not be less than 6'.

# CULVERT REPLACEMENT MAIN ST.-TROY



## SIGNS REQUIRED

MAX WIDTH  
10FT 6 IN  
0.3 MILES  
AHEAD (3)

MAX WIDTH  
10FT 6 IN  
1/2 MILE  
AHEAD (3)

MAIN ST.  
→ (2)

MAIN ST.  
← (2)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WIDE LOAD SIGNING PLAN**  
FAU ROUTE 9393  
SECTION 37-BR  
MADISON COUNTY

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY

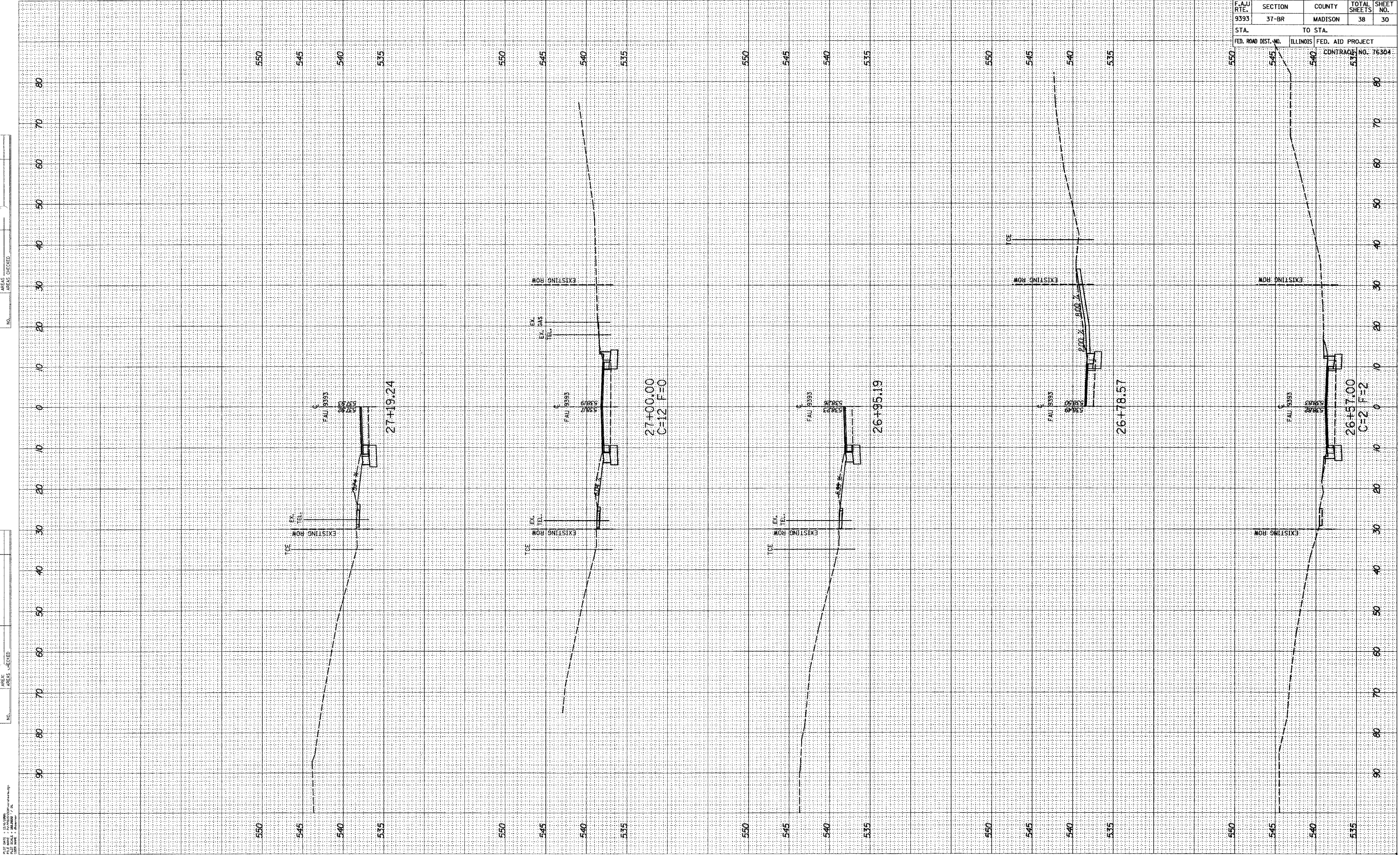
DATE PLOTTED: 11/11/03  
 PLOT SCALE: 1"=400'  
 PLOT BY: J. B. BROWN

ORIGINAL SURVEY PLOTTED  
 SURVEY PLOTTED  
 NOTE BOOK  
 AREAS CHECKED

ORIGINAL SURVEY PLOTTED  
 SURVEY PLOTTED  
 NOTE BOOK  
 AREAS CHECKED

DATE BY  
 DATE BY

DATE BY  
 DATE BY

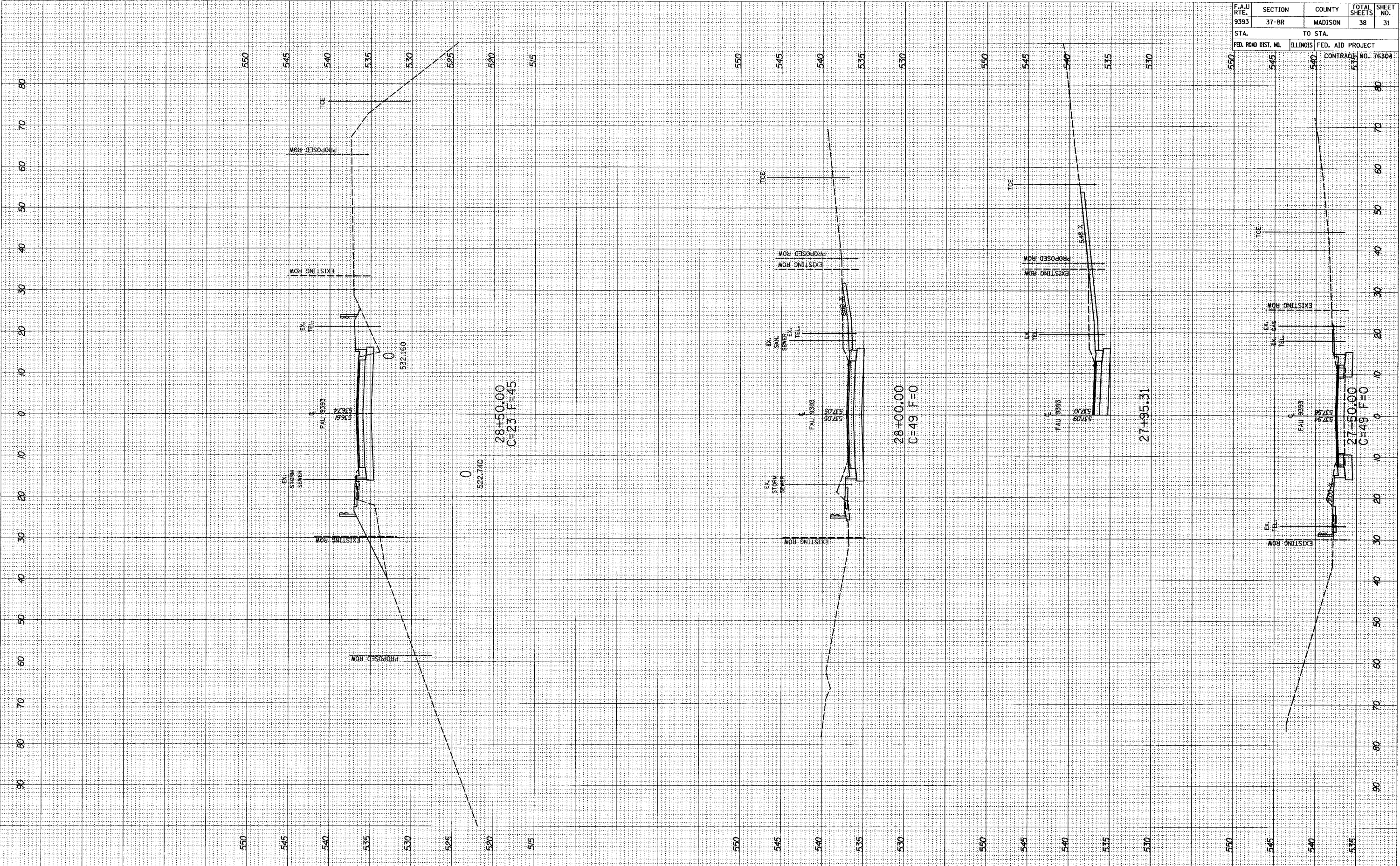


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	30
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76304

FINAL SURVEY BY DATE  
 SURVEYED BY  
 NOTE BOOK NO.  
 TEMP. °F  
 AREAS CHECKED

ORIGINAL SURVEY BY DATE  
 SURVEYED BY  
 NOTE BOOK NO.  
 TEMP. °F  
 AREAS CHECKED

PLAT DATE: 1/14/2009  
 PLAT BOOK: 100000000  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	31

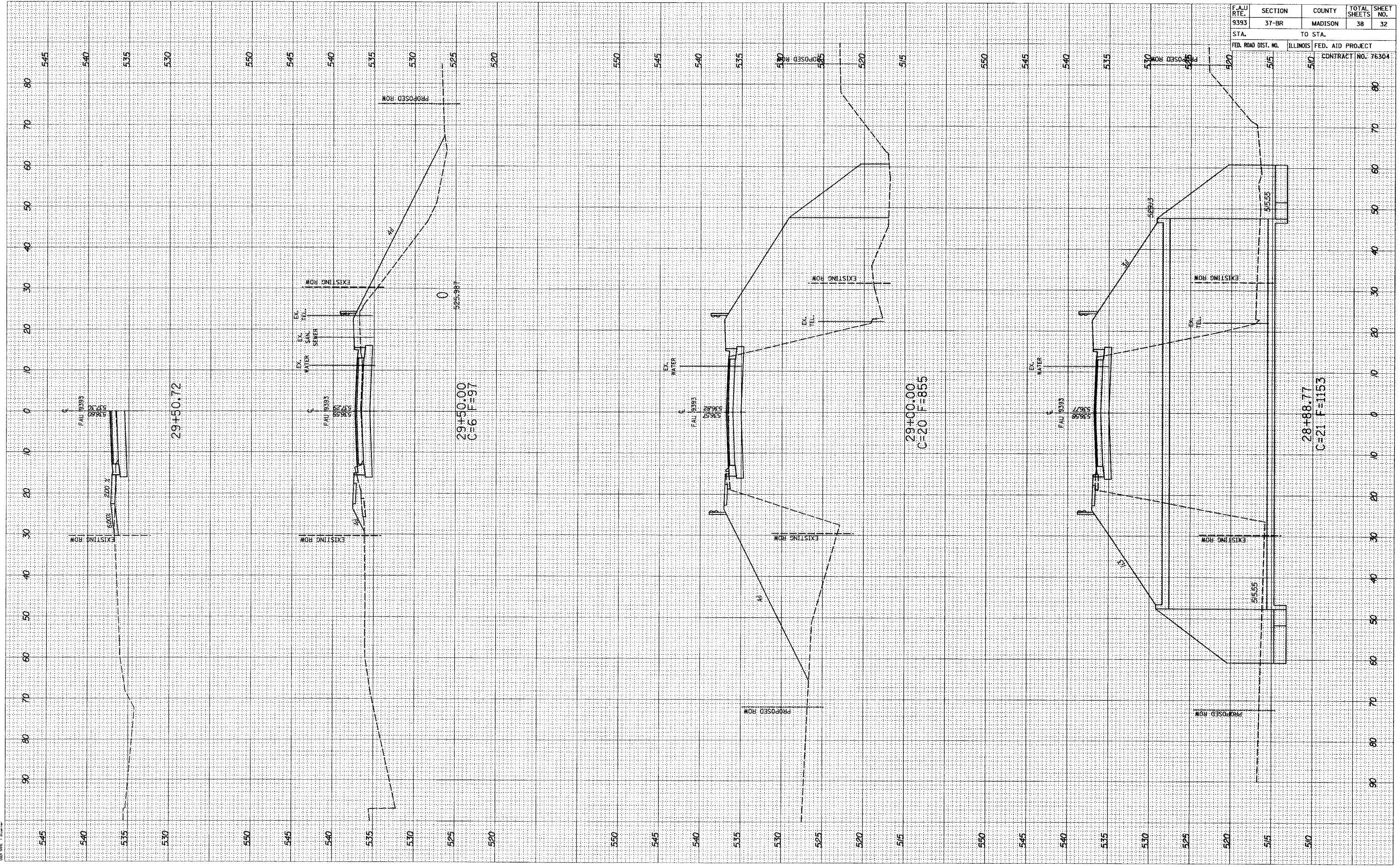
STA. TO STA. ILLINOIS FED. AID PROJECT  
 CONTRACT NO. 76304



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

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

SCALE: 1" = 40'  
 DATE: 10/10/00  
 DRAWN BY: J. W. BROWN



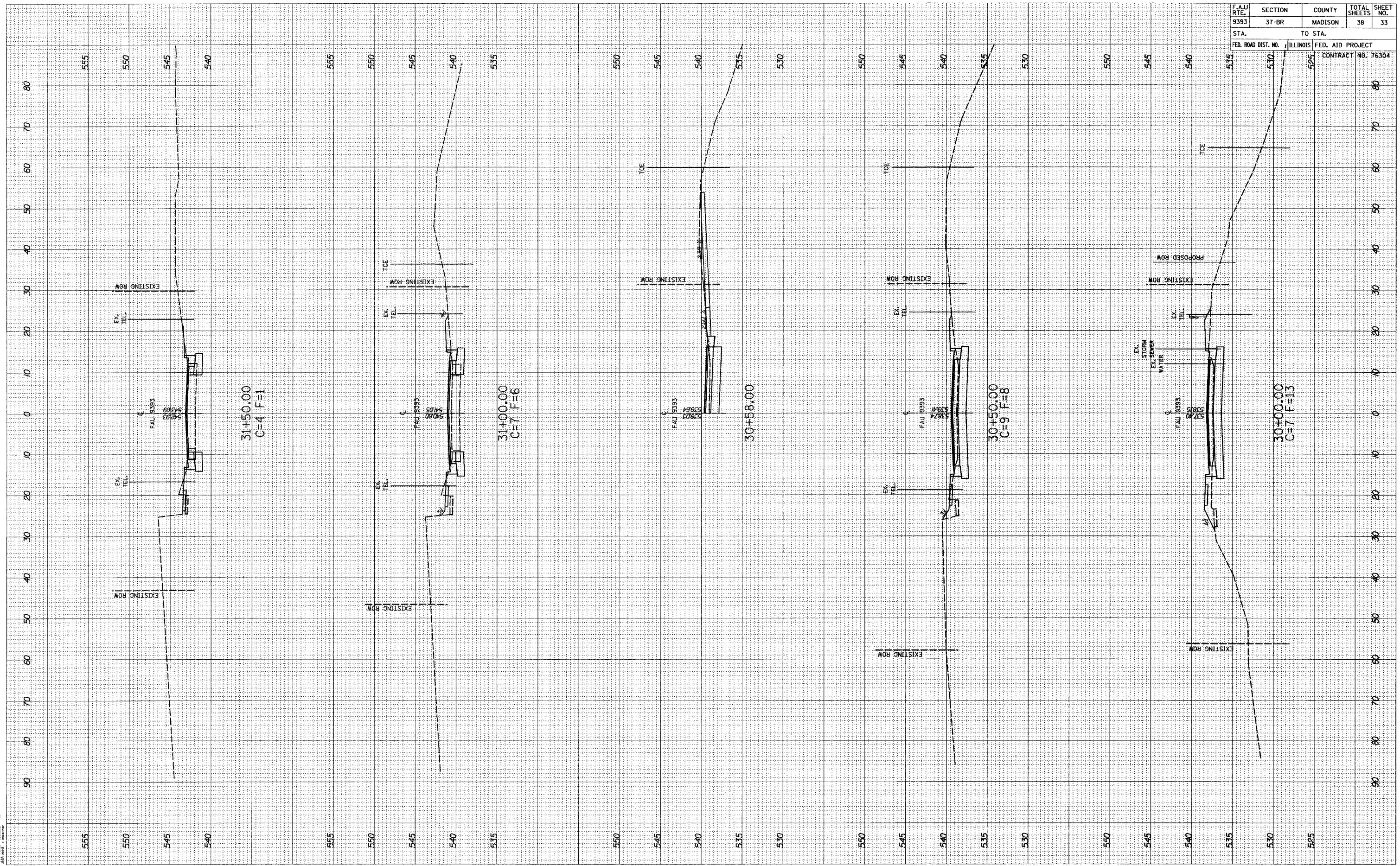
F.A.U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	32
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76304	
510		510		

MAIN STREET

FINAL SURVEY  
 SURVEY PLOTTED  
 NOTE BOOK TEMPLATE  
 AREAS CHECKED

ORIGINAL SURVEY  
 SURVEY PLOTTED  
 NOTE BOOK TEMPLATE  
 AREAS CHECKED

DATE: 11/14/2008  
 BY: [Signature]  
 PROJECT: [Signature]

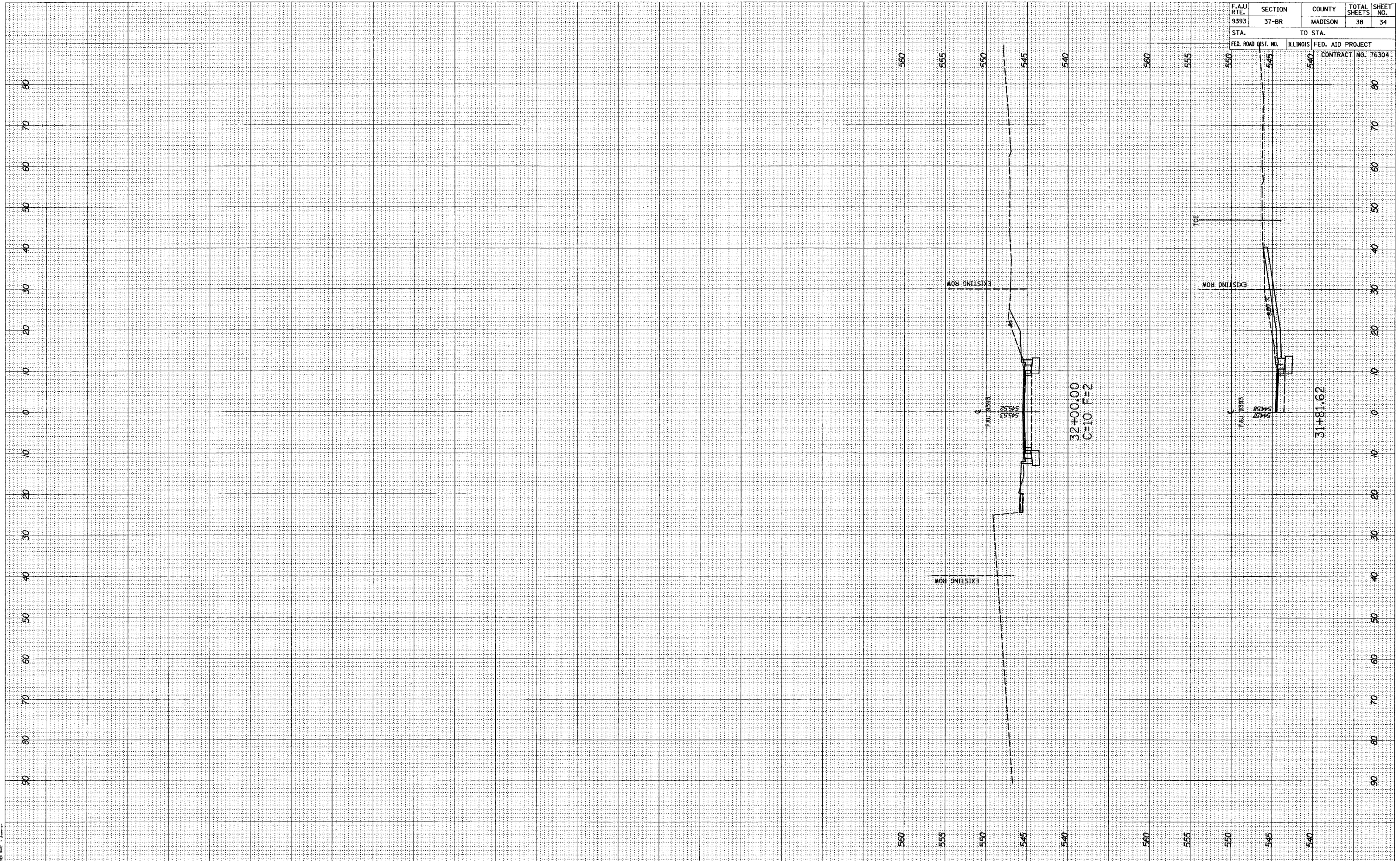


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76304	

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

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

PLT DATE: 02/14/2013  
 PLOT BY: J. J. JENSEN  
 CHECKED BY: J. J. JENSEN

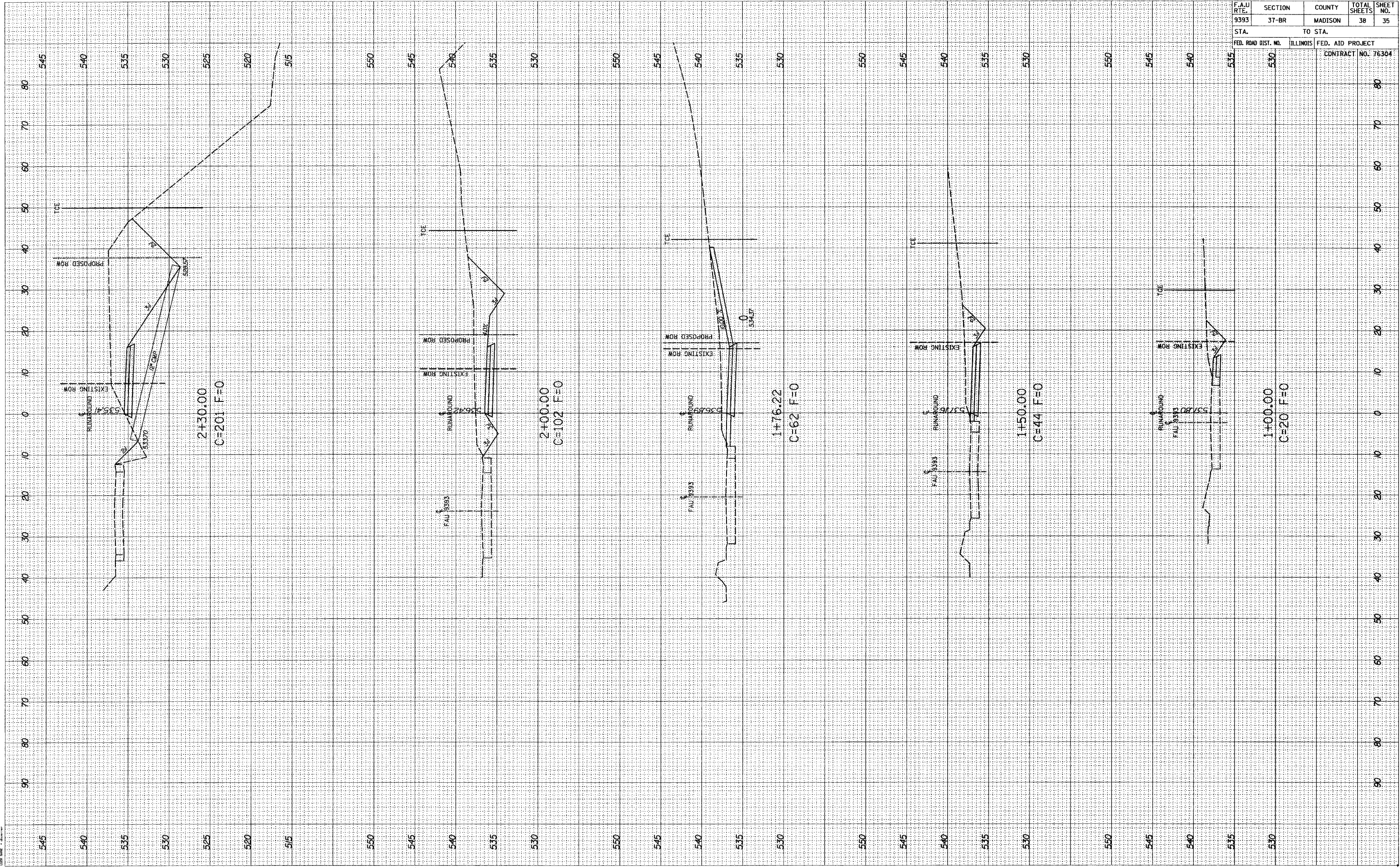


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	76304	

FINAL SURVEYED SURVEY PLOTTED DATE  
 NO. BY

ORIGINAL SURVEYED SURVEY PLOTTED DATE  
 NO. BY

PLS SEE 11/15/2014 WORKSHEET  
 11/15/2014  
 11/15/2014

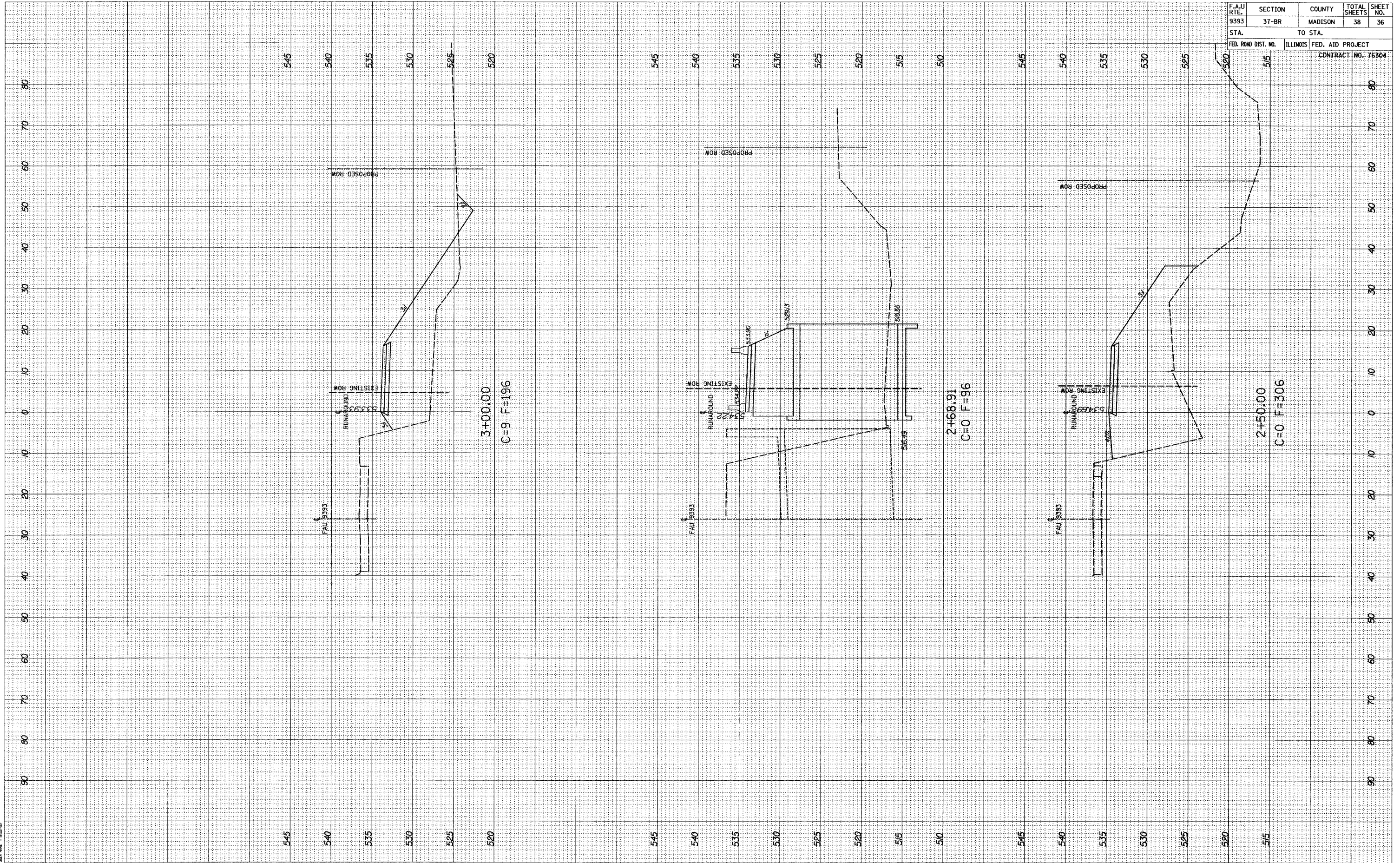


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76304	
530				

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

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

PLAT DATE 11/24/2009  
 PLAT BOOK 200900073N  
 DATE MADE 11/24/2009

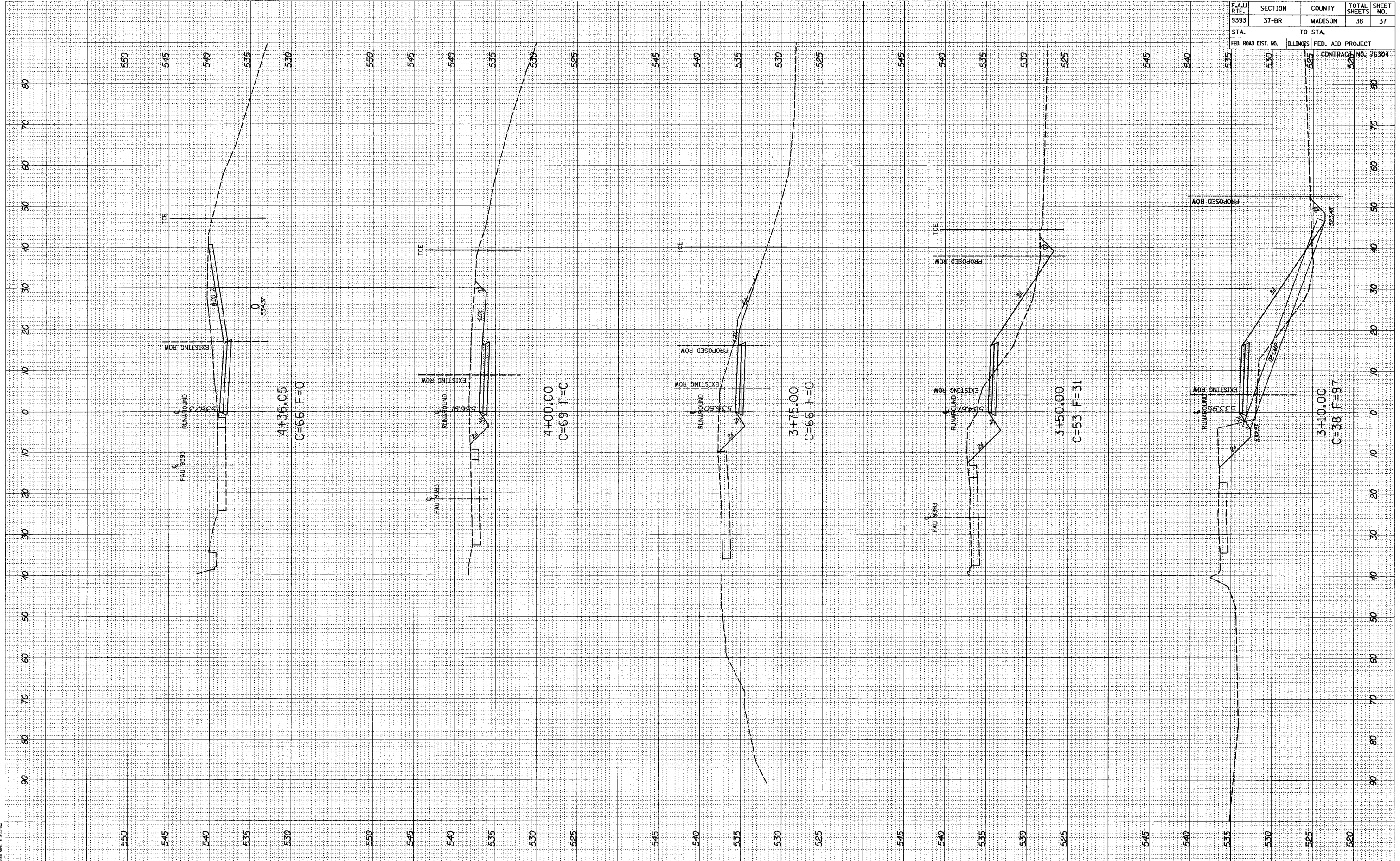


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76304	

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

ORIGINAL SURVEY SURVEYED BY DATE  
 SURVEY PLOTTED BY  
 NOTE BOOK TEMPLATE  
 AREAS CHECKED  
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PLANT DATE: 10/20/2009  
 PLOT DATE: 10/20/2009  
 PLOT SCALE: 1"=40'

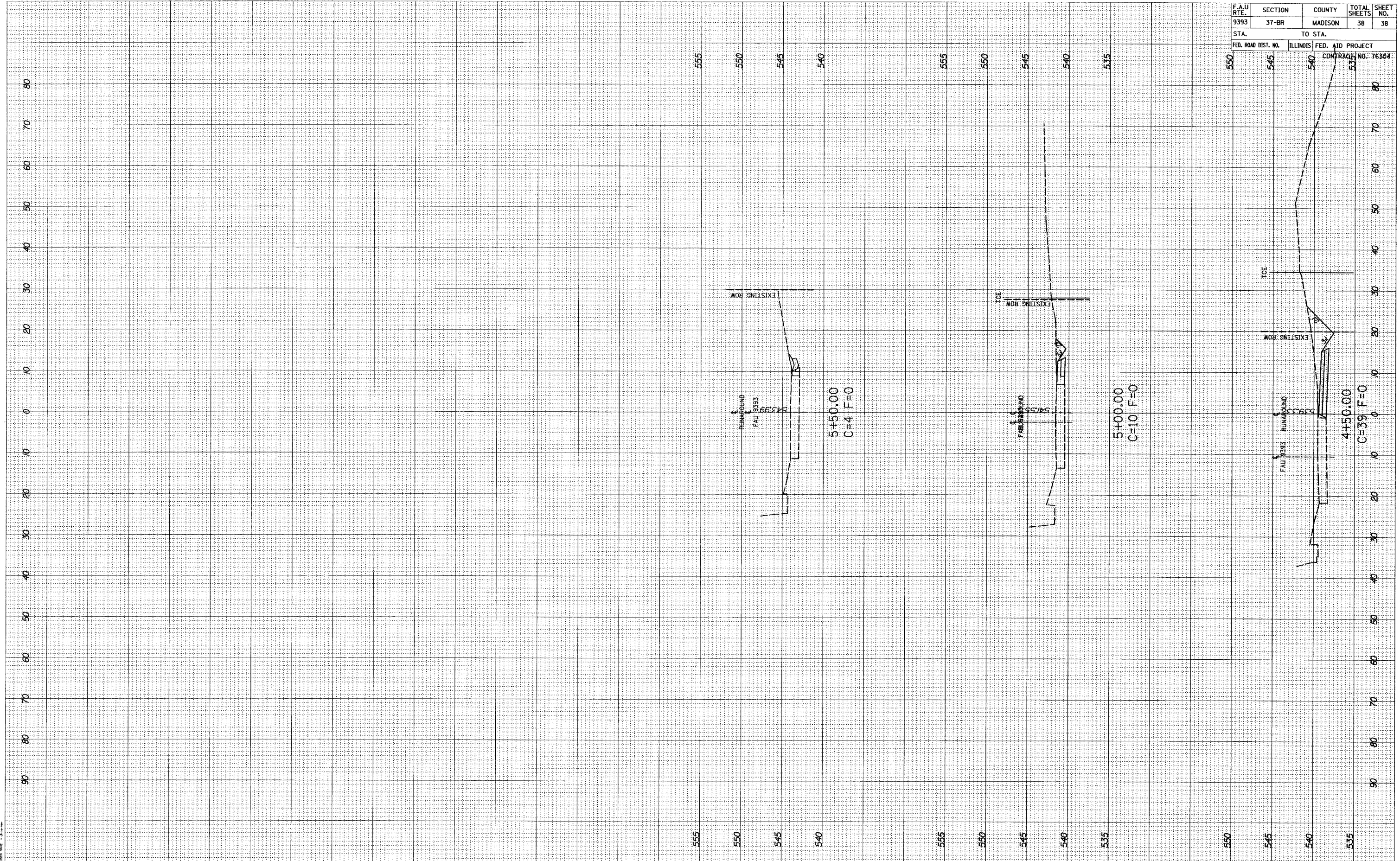


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	NO. 76304	
		506		

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

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

PLT DATE: 10/10/00  
 PLOT SCALE: 1" = 40'  
 DATE: 10/10/00



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	37-BR	MADISON	38	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 76304		
		533		