

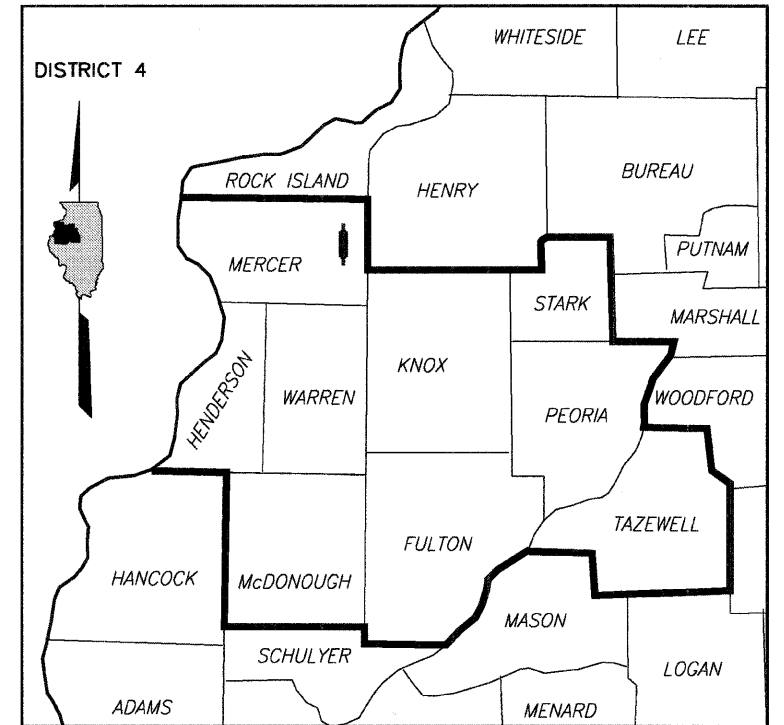
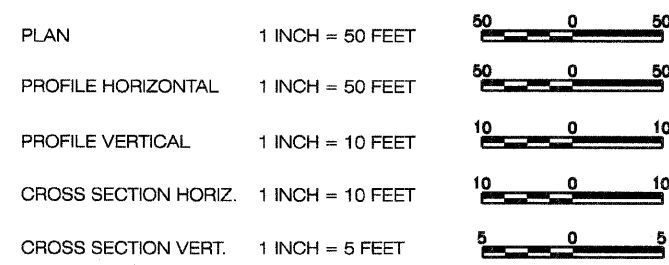
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
FEDERAL-AID STR PROJECT

F.A.S. 206 (C.H. 4)
KNOXVILLE ROAD
PROJECT ARA-RS-0206 (117)
MERCER COUNTY
SECTION 06-00094-05-DR
JOB NO. C-94-010-10

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	1
STA. 257+10.06 TO STA. 428+35.00				
FED. ROAD DIST. NO. 7		ILLINOIS		

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES & SUMMARY OF QUANTITIES
3-6	SCHEDULE OF QUANTITIES
7	TYPICAL SECTIONS AND DETAILS
8-18	PLAN AND PROFILE
19-22	EROSION CONTROL PLAN
23-32	PATCHING PLANS
33-34	DETAILS
35-36	CROSS SECTIONS



LOCATION OF SECTION INDICATED THUS:

WARNING



CALL BEFORE YOU DIG

LIST OF STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 406201-01 MAILBOX TURNOUT
- 442201-03 CLASS C AND D PATCHES
- 542401-01 METAL END SECTION FOR PIPE CULVERTS
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 4.5M (15') TO 600 MM (24") FROM PAVEMENT EDGE
- 701201-03 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701336-05 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 780001-02 TYPICAL PAVEMENT MARKINGS
- BLR 21-8 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

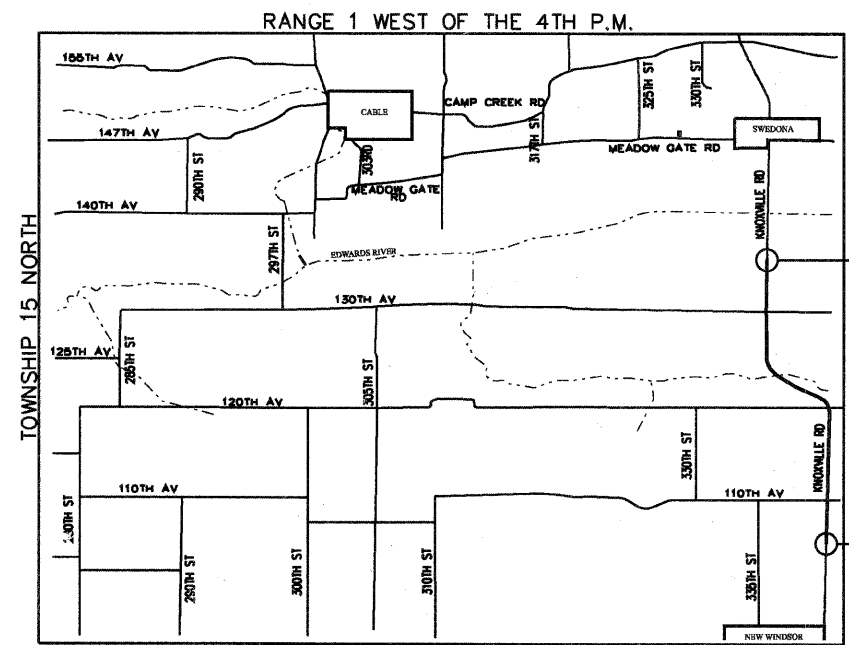
DESIGN DESIGNATION

HIGHWAY CLASS: RURAL COLLECTOR
DESIGN SPEED: 55 M.P.H.
ADT = 1300
DESIGN GUIDELINES: 3R

COMMITMENTS: NONE

VARIANCES GRANTED: NONE

CONTRACT NO. 89559
JOB NO. C-94-010-10



PROPOSED IMPROVEMENT BEGINS STA. 257+10.06

PROPOSED IMPROVEMENT ENDS STA. 428+35.00

LOCATION MAP

TOTAL LENGTH OF PROJECT = 17,124.94 ft. (3.24 mi)
NET LENGTH OF PROJECT = 17,124.94 ft. (3.24 mi)

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

Bryce A. Johnson 12/16/09
BRYCE A. JOHNSON DATE
LICENSE EXPIRES 11/30/2011



Civil Engineering • Surveying • Environmental Services
Rock Island, Illinois • Rockford, Illinois • Bettendorf, Iowa • Des Moines, Iowa
(309) 788-7844 FAX (309) 788-7891
MSA JOB #: A09T019

APPROVED	<i>Dec 16</i>	20 <i>09</i>
	COUNTY ENGINEER	
APPROVED		20
	ROAD COMMISSIONER	
PASSED	<i>12-23</i>	20 <i>09</i>
	DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS	
Releasing For Bid Based on Limited Review	<i>12-23</i>	20 <i>09</i>
	DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

SUMMARY OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	2
STA. 257+10.06		TO STA. 428+35.00		
FED. ROAD DIST. NO. 7		ILLINOIS		

CODE NUMBER	PAY ITEMS	UNIT	TOTAL QUANTITY
20800150	TRENCH BACKFILL	C.Y.	500
21400100	GRADING AND SHAPING DITCHES	FOOT	2,103
25100630	EROSION CONTROL BLANKET	S.Y.	223
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150
28000305	TEMPORARY DITCH CHECKS	FOOT	700
28000400	PERIMETER EROSION BARRIER	FOOT	205
28000500	INLET AND PIPE PROTECTION	EACH	44
28100105	STONE RIPRAP, CLASS A3	S.Y.	10
35800200	AGGREGATE BASE REPAIR	TON	20
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	498
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	7,048
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	S.Y.	294
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	4,689
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3,516
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	226
44201974	CLASS D PATCHES, TYPE I	S.Y.	84
44201976	CLASS D PATCHES, TYPE II	S.Y.	329
44201978	CLASS D PATCHES, TYPE III	S.Y.	478
44201980	CLASS D PATCHES, TYPE IV	S.Y.	1,942
44213200	SAW CUTS	FOOT	7,740
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,936
50105220	PIPE CULVERT REMOVAL	FOOT	1,496
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMIMUM CULVERT PIPE 12"	FOOT	35
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMIMUM CULVERT PIPE 15"	FOOT	1,350
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMIMUM CULVERT PIPE 18"	FOOT	120
54200649	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMIMUM CULVERT PIPE 24"	FOOT	32
54200661	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMIMUM CULVERT PIPE 36"	FOOT	48
54201489	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMIMUM CULVERT PIPE 24"	FOOT	405
54213873	STEEL END SECTIONS 18"	EACH	4
54213879	STEEL END SECTIONS 24"	EACH	14
67100100	MOBILIZATION	L. SUM	1
•70103700	TRAFFIC CONTROL COMPLETE	L. SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3,430
70300200	TEMPORARY PAVEMENT MARKING	FOOT	1,460
72000100	SIGN PANEL-TYPE 1	S.F.	22
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	48
△ 78001110	PAINT PAVEMENT MARKING LINE 4"	FOOT	56,010
XX003565	SEEDING SPECIAL, COMPLETE	ACRE	0.75

△ SPECIALTY ITEMS

GENERAL NOTES

1. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

GRANULAR MATERIALS	2.05 TONS/C.Y.
ASPHALT SURFACING	112 LBS/S.Y.
TEMPORARY DITCH CHECKS	9 BALES OR 5 TONS AGGREGATE OR 25 FEET SILT FENCE

2. TRAFFIC CONTROL IS OUTLINED IN THE SPECIAL PROVISION "TRAFFIC CONTROL COMPLETE".

3. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.

4. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE (USES)	SURFACE COURSE/ INCIDENTAL SURFACE	BINDER COURSE
PG:	PG 64-22	PG 64-22
RAP%:(MAX)	15	25
DESIGN AIR VOIDS	40% @ N DESIGN =50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGGREGATE	MIXTURE C	N/A

5. BEFORE ORDERING PIPE CULVERTS THE EXACT LENGTH AND QUANTITY SHALL BE VERIFIED BY THE ENGINEER.

6. LOCATION POINTS AND INVERT ELEVATIONS OF CULVERTS ARE AT THE ENDS OF THE PIPE AND DO NOT INCLUDE THE FLARED END SECTIONS.

GENERAL NOTES AND SUMMARY OF QUANTITIES

SECTION 06-00094-05-DR
F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
RICHLAND GROVE TOWNSHIP
MERCER COUNTY

SCHEDULE OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	3
STA. 257+10.06 TO STA. 428+35.00				
FED. ROAD DIST. NO. 7		ILLINOIS		

<u>20800150</u> TRENCH BACKFILL	C.Y.	<u>25100630</u> EROSION CONTROL BLANKET	S.Y.	<u>28000500</u> INLET AND PIPE PROTECTION	EACH
STA. 283+61 CULVERT REPLACEMENT LOCATION	32	LT. STA. 283+61	8	RT. STA. 266+38	1
STA. 298+70 CULVERT REPLACEMENT LOCATION	55	RT. STA. 283+61	17	LT. STA. 270+05	1
STA. 318+16 CULVERT REPLACEMENT LOCATION	90	LT. STA. 298+70	13	RT. STA. 277+16	1
STA. 345+27 CULVERT REPLACEMENT LOCATION	143	RT. STA. 298+70	17	LT. STA. 277+28	1
STA. 381+06 CULVERT REPLACEMENT LOCATION	59	LT. STA. 318+16	15	LT. STA. 278+63	1
STA. 391+83 CULVERT REPLACEMENT LOCATION	50	RT. STA. 318+16	19	LT. STA. 279+64	1
STA. 403+72 CULVERT REPLACEMENT LOCATION	69	LT. STA. 345+27	27	LT. STA. 283+60	1
RT. STA. 399+91 ENTRANCE PIPE	2	RT. STA. 345+27	26	LT. STA. 284+71	1
		LT. STA. 381+01	16	LT. STA. 291+57	1
TOTAL	500	RT. STA. 381+01	8	LT. STA. 294+40	1
		LT. STA. 391+83	14	RT. STA. 298+77	1
		RT. STA. 391+83	15	LT. STA. 311+05	1
		LT. STA. 403+72	12	LT. STA. 311+34	1
		RT. STA. 403+72	16	RT. STA. 313+75	1
				LT. STA. 315+67	1
				RT. STA. 315+71	1
				LT. STA. 318+17	1
				RT. STA. 319+24	1
				RT. STA. 324+59	1
<u>21400100</u> GRADING AND SHAPING DITCHES	FOOT	<u>28000250</u> TEMPORARY EROSION CONTROL SEEDING	POUND	RT. STA. 326+06	1
RT. STA. 265+54 - 265+89	35	AREAS TO BE CLASS 1 OR 2 SEEDED (2 APPLICATIONS ASSUMED)	150	RT. STA. 328+50	1
RT. STA. 266+37 - 266+52	15			LT. STA. 331+47	1
LT. STA. 270+03 - 270+18	15	TOTAL	223.0	RT. STA. 336+74	1
LT. STA. 276+59 - 276-89	30			LT. STA. 337+31	1
RT. STA. 277+15 - 277+30	15			RT. STA. 345+56	1
LT. STA. 277+27 - 278+06	79			LT. STA. 352+26	1
LT. STA. 278+64 - 279+25	61			RT. STA. 352+63	1
LT. STA. 279+63 - 279+98	35	<u>28000305</u> TEMPORARY DITCH CHECKS	FOOT	RT. STA. 355+19	1
RT. STA. 280+71 - 281+76	105	LT. STA. 276+60 - 279+98	75	LT. STA. 355+54	1
LT. STA. 283+61 - 284+31	70	RT. STA. 281+86	25	LT. STA. 375+00	1
LT. STA. 284+71 - 284+91	20	LT. STA. 291+00	25	RT. STA. 381+06	1
LT. STA. 290+97 - 291+22	25	RT. STA. 298+48	25	LT. STA. 385+62	1
LT. STA. 291+60 - 292+00	40	RT. STA. 310+40	25	LT. STA. 388+27	1
LT. STA. 293+61 - 294+01	40	LT. STA. 310+50	25	RT. STA. 388+87	1
LT. STA. 294+39 - 294+64	25	RT. STA. 314+40	25	LT. STA. 389+68	1
RT. STA. 310+40 - 310+65	25	RT. STA. 316+20	25	RT. STA. 391+84	1
LT. STA. 310+64 - 310+94	30	LT. STA. 316+25	25	RT. STA. 399+75	1
RT. STA. 311+05 - 311+25	20	RT. STA. 329+20	25	LT. STA. 402+38	1
RT. STA. 313+55 - 313+75	20	RT. STA. 329+20	25	LT. STA. 403+97	1
RT. STA. 314+15 - 314+40	25	RT. STA. 335+70	25	RT. STA. 415+91	1
LT. STA. 315+44 - 315+69	25	LT. STA. 344+80	25	LT. STA. 416+94	1
RT. STA. 315+41 - 315+66	25	RT. STA. 356+20	25	RT. STA. 416+97	1
RT. STA. 316+01 - 326+21	20	RT. STA. 361+85	25	LT. STA. 419+83	1
LT. STA. 316+07 - 316+32	25	RT. STA. 374+40	25	LT. STA. 427+81	1
RT. STA. 319+22 - 319+32	10	LT. STA. 380+91	25		
RT. STA. 325+96 - 326+11	15	LT. STA. 384+85	25	TOTAL	44
RT. STA. 328+34 - 328+54	20	LT. STA. 388+60 - 390+40	50		
RT. STA. 328+90 - 329+20	30	RT. STA. 389+80	25	<u>28100105</u> STONE RIPRAP, CLASS A3	S.Y.
LT. STA. 331+34 - 331+49	15	RT. STA. 400+35	25	RT. STA. 283+62	1.7
LT. STA. 331+88 - 332+08	20	LT. STA. 401+31	25	RT. STA. 298+70	1.7
RT. STA. 335+74 - 336+34	60	RT. STA. 403+43	25	RT. STA. 318+16	1.7
RT. STA. 336+72 - 336+87	15	LT. STA. 418+95	25	RT. STA. 345+27	1.7
LT. STA. 336+79 - 336+89	10	LT. STA. 426+70	25	LT. STA. 381+06	1.7
LT. STA. 337+31 - 337+41	10			LT. STA. 391+83	1.7
LT. STA. 352+09 - 352+29	20	TOTAL	700		
RT. STA. 352+49 - 352+64	15	<u>28000400</u> PERIMETER EROSION BARRIER	FOOT		
RT. STA. 355+10 - 355+20	10	RT. STA. 282+80 - 283+80	100		
LT. STA. 355+35 - 355+55	20	RT. STA. 318+05 - 318+75	70		
LT. STA. 355+99 - 356+14	15	LT. STA. 391+65 - 392+00	35	<u>35800200</u> AGGREGATE BASE REPAIR	TON
RT. STA. 355+98 - 356+23	25			RT. STA. 427+30-428+05	20
RT. STA. 361+86 - 362+13	35				
LT. STA. 374+39 - 374+64	25			TOTAL	20
LT. STA. 375+06 - 375+26	20				
LT. STA. 384+98 - 385+23	35				
LT. STA. 385+61 - 385+71	10				
LT. STA. 387+92 - 388+27	35				
RT. STA. 388+24 - 388+89	65				
LT. STA. 388+61 - 389+67	106				
RT. STA. 389+27 - 389+77	50				
LT. STA. 390+07 - 390+32	25				
RT. STA. 400+15 - 400+35	20				
LT. STA. 401+30 - 402+00	70				
LT. STA. 402+38 - 402+63	25				
RT. STA. 414+23 - 415+41	130				
RT. STA. 415+94 - 416+61	67				
LT. STA. 416+31 - 416+56	25				
RT. STA. 416+97 - 417+37	40				
LT. STA. 416+94 - 417+09	15				
LT. STA. 418+96 - 419+51	55				
LT. STA. 419+83 - 420+08	25				
LT. STA. 426+69 - 427+49	80				
LT. STA. 427+81 - 427+91	10				
TOTAL	2,103				

SCHEDULE OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	5
STA. 257+10.06		TO STA. 428+35.00		
FED. ROAD DIST. NO. 7		ILLINOIS		

44201980 CLASS D PATCHES, TYPE IV

LT. STA. 257+10-258+27	26.0
LT. STA. 259+32-260+07	41.7
RT. STA. 265+45-265+84	29.6
RT. STA. 269+43-271+01	420.1
RT. STA. 276+22-276+77	91.7
RT. STA. 276+97-277+47	61.1
LT. STA. 278+36-279+41	163.3
RT. STA. 280+57-281+52	129.3
RT. STA. 282+80-283+07	45.0
LT. & RT. STA. 283+17-283+64	39.8
RT. STA. 291+30-292+05	56.7
RT. STA. 299+54-300+01	44.2
RT. STA. 301+30-302+05	53.9
RT. STA. 304+64-306+22	126.0
RT. STA. 307+17-310+33	134.8
LT. STA. 327+29-327+59	25.9
LT. & RT. STA. 369+51-370+16	43.3
RT. STA. 371+01-371+49	31.6
RT. STA. 402+73-403+59	37.8
RT. STA. 404+23-405+16	84.7
RT. STA. 422+30-423+95	134.4
RT. STA. 424+20-425+55	107.2
RT. STA. 427+30-428+05	40.0

TOTAL 1,942.1

44213200 SAW CUTS

<u>CLASS D PATCHES, TYPE I</u>	
RT. STA. 264+63-264+75	30
LT. STA. 292+45-292+51	16
LT. STA. 299+12-299+24	30
RT. STA. 310+67-310+79	30
LT. STA. 312+51-312+54	24
LT. STA. 313+01-313+04	22
RT. STA. 319+79-319+87	22
LT. STA. 319+92-319+97	16
LT. STA. 330+82-330+96	34
LT. STA. 332+17-332+21	14
RT. STA. 334+12-334+17	16
RT. STA. 334+81-334+88	24
LT. STA. 341+85-341+93	14
RT. STA. 346+67-346+75	26
RT. STA. 347+00-347+07	26
LT. STA. 347+90-348+00	28
RT. STA. 348+04-348+10	18
LT. STA. 348+19-348+25	22
RT. STA. 348+32-348+45	32
LT. & RT. STA. 363+10-363+17	22
RT. STA. 365+50-365+57	20
LT. STA. 368+47-368+57	26
RT. STA. 370+33-370+47	34
LT. & RT. STA. 372+47-372+50	34
RT. STA. 375+50-375+58	22
LT. STA. 427+65-427+80	34
<u>CLASS D PATCHES, TYPE II</u>	
RT. STA. 261+07-261+22	36
RT. STA. 261+89-262+04	38
RT. STA. 267+09-267+25	26
LT. STA. 268+10-268+30	48
LT. STA. 269+84-269+94	30
LT. STA. 293+99-294+11	38
LT. & RT. STA. 298+64-298+76	50
RT. STA. 303+79-304+04	60
LT. STA. 307+20-307+45	56
LT. STA. 311+39-311+49	30
LT. STA. 314+18-314+32	24
LT. & RT. STA. 318+14-318+18	44
RT. STA. 318+48-318+66	42
LT. STA. 326+91-327+03	20
LT. STA. 337+77-337+92	30
RT. STA. 341+14-341+32	42
LT. STA. 342+45-342+61	38
RT. STA. 344+38-344+54	40
LT. STA. 348+28-348+60	72
RT. STA. 349+14-349+44	64
RT. STA. 351+30-351+50	50
RT. STA. 352+93-353+05	32
RT. STA. 353+99-354+12	36

S.Y. 44213200 SAW CUTS (CONT)

<u>CLASS D PATCHES, TYPE II (CONT)</u>	
RT. STA. 355+31-355+51	30
RT. STA. 355+51-355+83	68
RT. STA. 372+64-372+89	56
RT. STA. 374+12-374+27	36
RT. STA. 376+20-376+45	56
LT. & RT. STA. 381+00-381+07	44
LT. STA. 381+51-381+71	48
LT. & RT. STA. 391+80-391+85	44
RT. STA. 401+42-401+67	58
LT. STA. 405+47-405+72	54
LT. STA. 405+72-405+97	31
RT. STA. 410+04-410+24	48
RT. STA. 412+54-412+74	48
LT. STA. 417+78-417+96	36
RT. STA. 421+72-421+92	48
LT. STA. 427+80-428+05	33
<u>CLASS D PATCHES, TYPE III</u>	
LT. STA. 258+27-258+62	45
RT. STA. 259+44-259+74	44
RT. STA. 263+67-264+17	108
LT. STA. 268+66-269+16	108
LT. STA. 270+16-270+46	70
LT. STA. 299+74-300+12	92
LT. STA. 302+68-303+33	136
RT. STA. 306+22-307+17	194
RT. STA. 311+62-311+97	47
RT. STA. 314+30-314+55	37
RT. STA. 321+12-321+57	96
LT. STA. 325+36-325+61	62
LT. STA. 326+11-326+26	35
RT. STA. 333+12-333+56	96
LT. STA. 339+73-339+88	45
RT. STA. 340+12-340+57	96
RT. STA. 341+63-341+98	78
RT. STA. 342+94-343+26	76
RT. & LT. STA. 345+13-345+41	6
RT. STA. 353+30-353+72	92
LT. & RT. STA. 364+50-364+77	68
RT. STA. 366+36-366+66	70
LT. & RT. STA. 403+59-403+89	73
RT. STA. 407+50-407+75	37
LT. STA. 416+96-417+41	53
<u>CLASS D PATCHES, TYPE IV</u>	
LT. STA. 257+10-258+27	238
LT. STA. 259+32-260+07	85
RT. STA. 265+45-265+84	52
RT. STA. 269+43-271+01	380
RT. STA. 276+22-276+77	85
RT. STA. 276+97-277+47	72
LT. STA. 278+36-279+41	133
RT. STA. 280+57-281+52	125
RT. STA. 282+80-283+07	57
LT. & RT. STA. 283+17-283+64	127
RT. STA. 291+30-292+05	97
RT. STA. 299+54-300+01	67
RT. STA. 301+30-302+05	166
RT. STA. 304+64-306+22	176
RT. STA. 307+17-310+33	328
LT. STA. 327+29-327+59	64
LT. & RT. STA. 369+51-370+16	142
RT. STA. 371+01-371+49	112
RT. STA. 402+73-403+59	93
RT. STA. 404+23-405+16	204
RT. STA. 422+30-423+95	348
RT. STA. 424+20-425+55	288
RT. STA. 427+30-428+05	117
TOTAL	7,740

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

LT. & RT. STA. 257+10.06-428+35.00	1.936
TOTAL	1.936

FOOT 50105220 PIPE CULVERT REMOVAL

<u>NOTE: ALL CULVERTS TO BE REMOVED ARE METAL UNLESS NOTED OTHERWISE.</u>	
<u>ENTRANCE CULVERTS:</u>	
RT. STA. 266+14 (36")	32
LT. STA. 269+84 (12")	28
RT. STA. 276+95 (12")	20
LT. STA. 277+08 (12")	26
LT. STA. 278+36 (12")	51
LT. STA. 279+42 (12")	45
LT. STA. 284+51 (15")	30
LT. STA. 291+42 (24")	26
LT. STA. 294+20 (12")	30
RT. STA. 310+87 (12")	25
RT. STA. 311+13 (15")	30
RT. STA. 313+94 (12")	26
RT. STA. 315+86 (12")	24
LT. STA. 315+87 (12")	20
RT. STA. 324+71 (12")	24
RT. STA. 326+34 (12")	58
RT. STA. 328+71 (15")	30
LT. STA. 331+68 (15")	32
RT. STA. 336+53 (12")	26
LT. STA. 337+11 (12")	31
LT. STA. 352+45 (12")	20
RT. STA. 352+82 (12")	20
RT. STA. 355+43 - 355+82 (15" HDPE)	75
LT. STA. 355+74 (12")	21
LT. STA. 374+84 (12")	24
LT. STA. 385+41 (12")	32
LT. STA. 388+43 (12")	32
RT. STA. 389+08 (12")	27
LT. STA. 389+88 (12")	20
RT. STA. 399+91 (12")	26
LT. STA. 402+20 (12")	33
LT. STA. 416+75 (12")	33
RT. STA. 416+78 (12")	20
LT. STA. 419+66 (12")	21
<u>ROADWAY CULVERTS:</u>	
STA. 283+61.05 (24")	57
STA. 298+70.93 (18")	57
STA. 318+16.13 (18")	60
STA. 345+26.81 (24")	88
STA. 362+13 - 362+74 (120TH AVE.) (18")	60
STA. 381+03.54 (15")	54
STA. 391+82.66 (12")	56
RT. STA. 415+90 - 415+44 (110TH AVE.) (12")	46
TOTAL	1,496

FOOT 54200637 PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"

LT. STA. 427+64	35
TOTAL	35

SCHEDULE OF QUANTITIES

SCHEDULE OF QUANTITIES

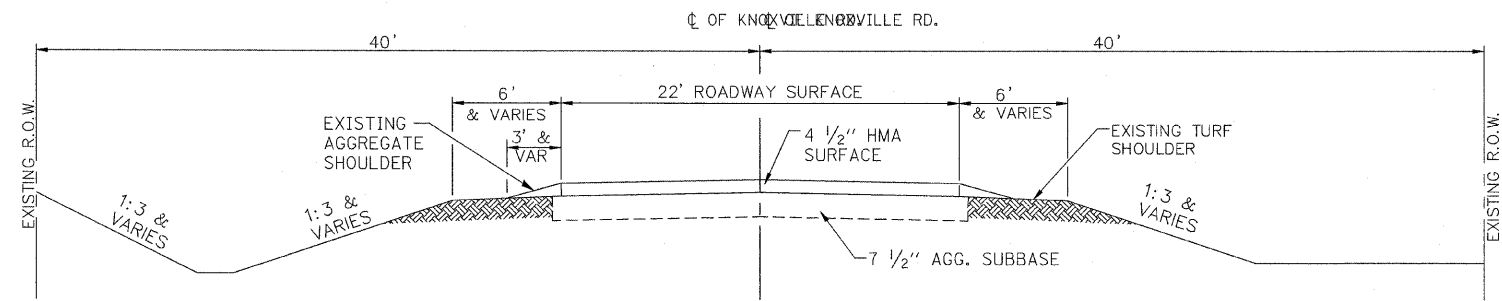
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	6
STA. 257+10.06		TO STA. 428+35.00		
FED. ROAD DIST. NO. 7		ILLINOIS		

<u>54200640 PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"</u>	FOOT	<u>54213879 STEEL END SECTIONS 24"</u>	EACH	<u>78001110 PAINT PAVEMENT MARKING LINE 4"</u>	FOOT
LT. STA. 269+84	42	LT. & RT. STA. 283+61.05	2	SOLID WHITE	
RT. STA. 276+95	40	LT. & RT. STA. 298+70.93	2	LT. & RT. STA. 257+10-297+80	8,140
LT. STA. 277+08	38	LT. & RT. STA. 318+16.13	2	RT. STA. 298+70-362+10	6,340
LT. STA. 278+36	58	LT. & RT. STA. 345+26.81	2	LT. STA. 298+70-362+35	6,365
LT. STA. 279+42	38	LT. & RT. STA. 381+03.54	2	RT. STA. 362+75-415+15	5,240
LT. STA. 284+51	40	LT. & RT. STA. 391+82.66	2	LT. STA. 363+15-413+69	5,054
LT. STA. 294+20	38	LT. & RT. STA. 403+72.42	2	RT. STA. 416+00-428+35	1,235
RT. STA. 310+87	40			LT. STA. 414+95-428+35	1,340
RT. STA. 311+13	38		TOTAL		
RT. STA. 313+94	40		14		
RT. STA. 315+86	38			SUB-TOTAL	33,714
LT. STA. 315+87	38	<u>67100100 MOBILIZATION</u>	L. SUM		
RT. STA. 319+03	38	COMPLETE	1		TOTAL
RT. STA. 324+71	36			<u>XX003565 SEEDING SPECIAL, COMPLETE</u>	ACRE
RT. STA. 326+34	56		1	AREAS TO BE CLASS 1 OR 2 SEEDED	0.75
RT. STA. 328+71	38				TOTAL
LT. STA. 331+68	38	<u>70101700 TRAFFIC CONTROL COMPLETE</u>	L. SUM		0.75
RT. STA. 336+53	38	COMPLETE	1		
LT. STA. 337+11	42				
LT. STA. 352+45	38		1		
RT. STA. 352+82	38				
RT. STA. 355+43 - 355+82	78		1		
LT. STA. 355+74	44				
LT. STA. 374+84	42		1		
LT. STA. 385+41	40				
LT. STA. 388+43	34	<u>70300100 SHORT-TERM PAVEMENT MARKING</u>	FOOT		
RT. STA. 389+08	38	SKIP-DASHED YELLOW			
LT. STA. 389+88	40	CL STA. 257+10-428+35 (BINDER)	1,715		
RT. STA. 399+91	40	CL STA. 257+10-428+35 (SURFACE)	1,715		
LT. STA. 402+20	38				
LT. STA. 416+75	38		TOTAL		
RT. STA. 416+78	36		3,430		
LT. STA. 419+66	32				
TOTAL	1,350	<u>70300200 TEMPORARY PAVEMENT MARKING</u>	FOOT		
		SKIP-DASHED YELLOW			
<u>54200643 PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"</u>	FOOT	CL STA. 257+10-272+50	385		
NOTE: LENGTH DOES NOT INCLUDE FLARED END SECTIONS.		CL STA. 287+50-295+50	200		
RT. STA. 362+10 - 362+71 (120TH AVE.)	60	CL STA. 393+50-428+35	875		
RT. STA. 415+91 & 415+31 (110TH AVE.)	60			TOTAL	1,460
TOTAL	120				
		<u>72000100 SIGN PANEL-TYPE 1</u>	S.F.		
<u>54200649 PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"</u>	FOOT	NO PASSING ZONE SIGNS (W14-3)			
LT. STA. 291+42	38	RT. STA. 272+50	5.6		
		LT. STA. 287+50	5.6		
		RT. STA. 295+50	5.6		
		LT. STA. 393+50	5.6		
TOTAL	38		TOTAL	22.4	
<u>54200661 PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 36"</u>	FOOT	<u>72800100 TELESCOPING STEEL SIGN SUPPORT</u>	FOOT		
RT. STA. 266+14	48	RT. STA. 272+50	12		
		LT. STA. 287+50	12		
TOTAL	48	RT. STA. 295+50	12		
		LT. STA. 393+50	12		
			TOTAL	48	
<u>54201489 PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"</u>	FOOT	<u>78001110 PAINT PAVEMENT MARKING LINE 4"</u>	FOOT		
NOTE: LENGTH DOES NOT INCLUDE FLARED END SECTIONS.		SKIP-DASHED YELLOW			
STA. 283+61.05	51	CL STA. 257+10-272+50	385		
STA. 298+70.93	53	CL STA. 272+50-281+50	225		
STA. 318+16.13	53	CL STA. 281+50-287+50	150		
STA. 345+26.81	84	CL STA. 287+50-295+50	200		
STA. 381+03.54	48	CL STA. 385+00-393+50	214		
STA. 391+82.66	52	CL STA. 393+50-428+35	872		
STA. 403+72.42	64			SUB-TOTAL	2,046
TOTAL	405				
<u>54213873 STEEL END SECTIONS 18"</u>	EACH	SOLID YELLOW (NO PASSING)			
RT. STA. 362+10 - 362+71 (120TH AVE.)	2	RT. STA. 272+50-281+50	900		
RT. STA. 415+91 & 415+31 (110TH AVE.)	2	LT. STA. 281+50-287+50	600		
		LT. & RT. STA. 295+50-385+00	17,900		
TOTAL	4	LT. STA. 385+00-393+50	850		
			SUB-TOTAL	20,250	

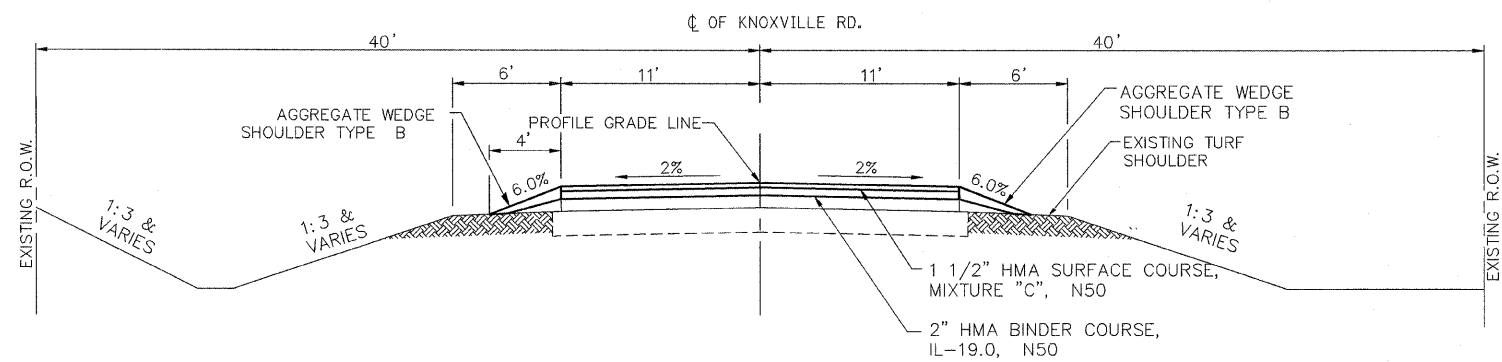
SCHEDULE OF QUANTITIES

SECTION 06-00094-05-DR
F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
RICHLAND GROVE TOWNSHIP
MERCER COUNTY

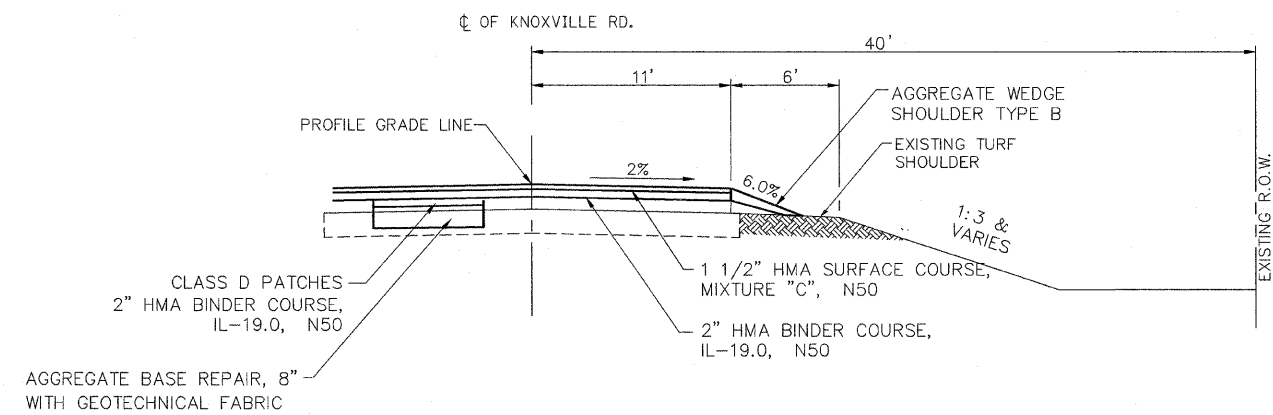
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	7
STA. 257+10.06 TO STA. 428+35.00				
FED. ROAD DIST. NO. 7		ILLINOIS		



EXISTING TYPICAL ROADWAY SECTION
STA. 257+10.06 TO STA. 428+35.00

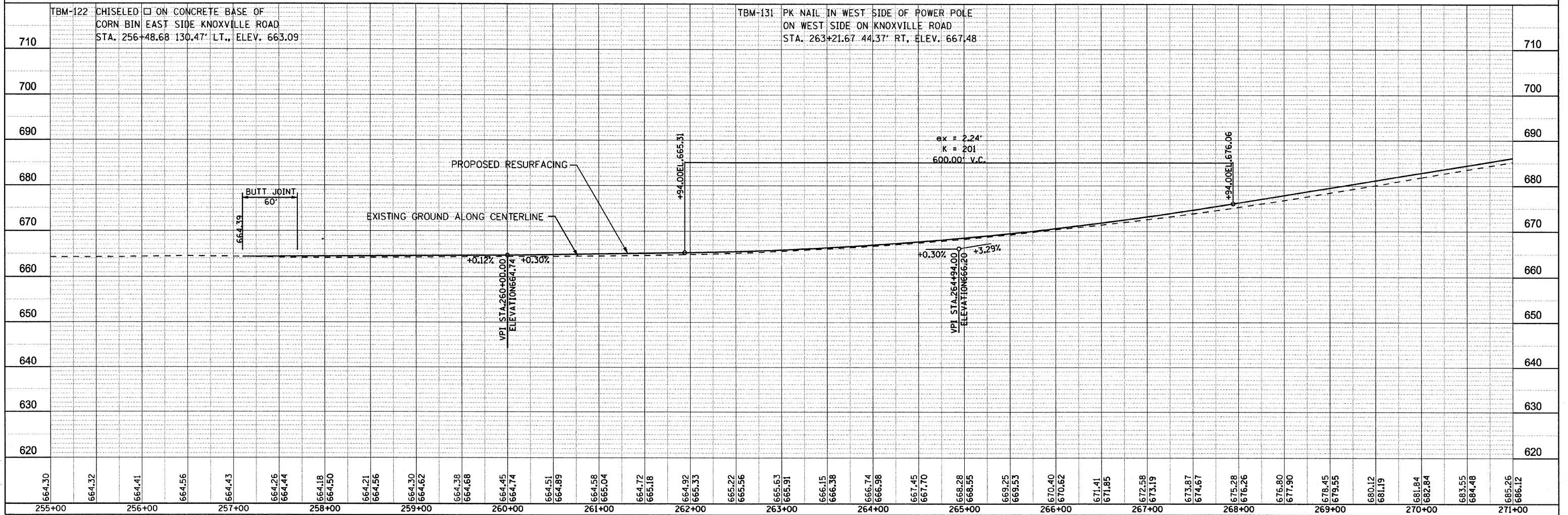
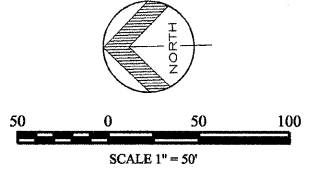
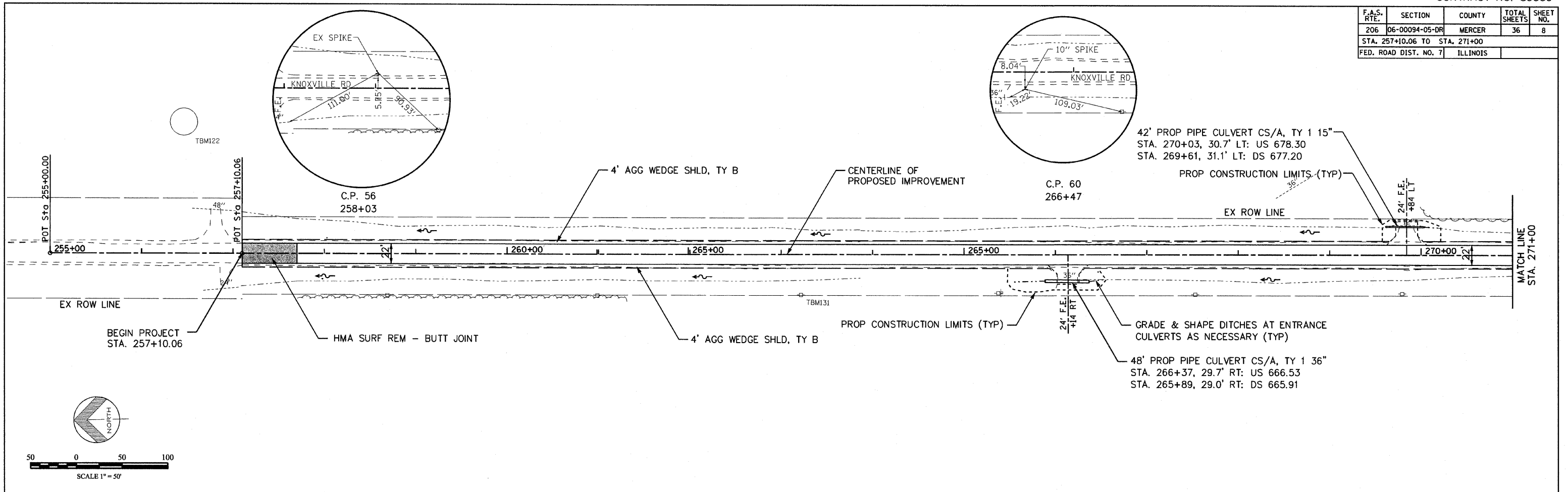


PROPOSED TYPICAL ROADWAY SECTION
STA. 257+10.06 TO STA. 428+35.00



PROPOSED PAVEMENT PATCHING SECTION & AGGREGATE BASE REPAIR SECTION

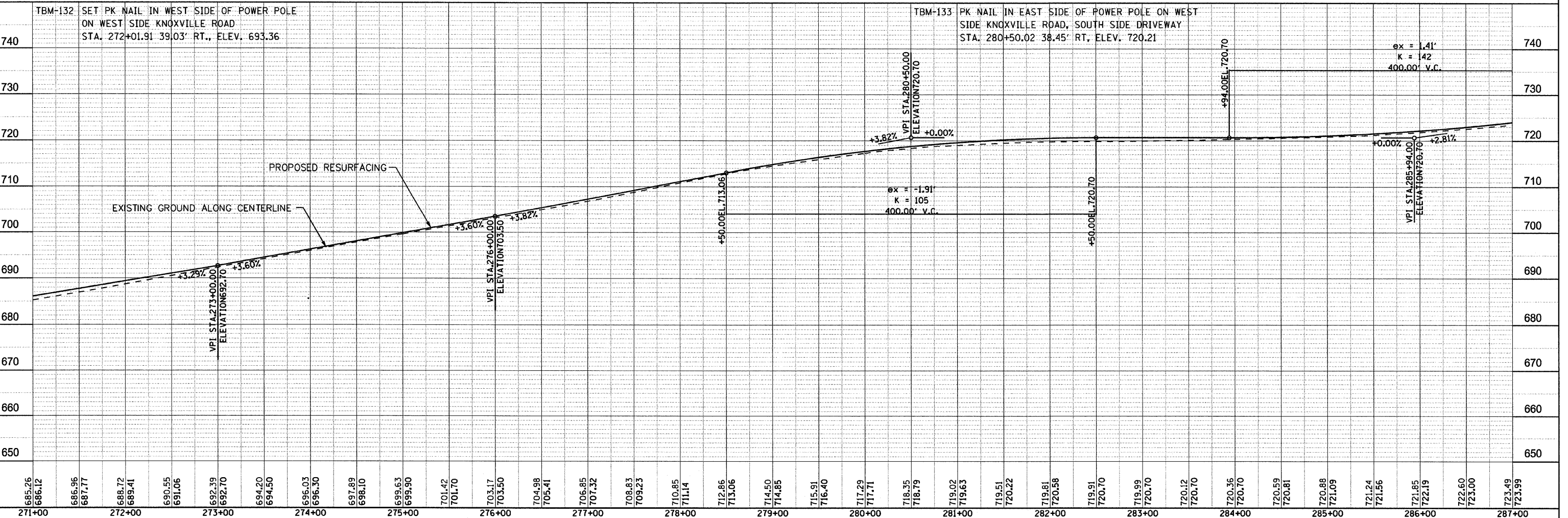
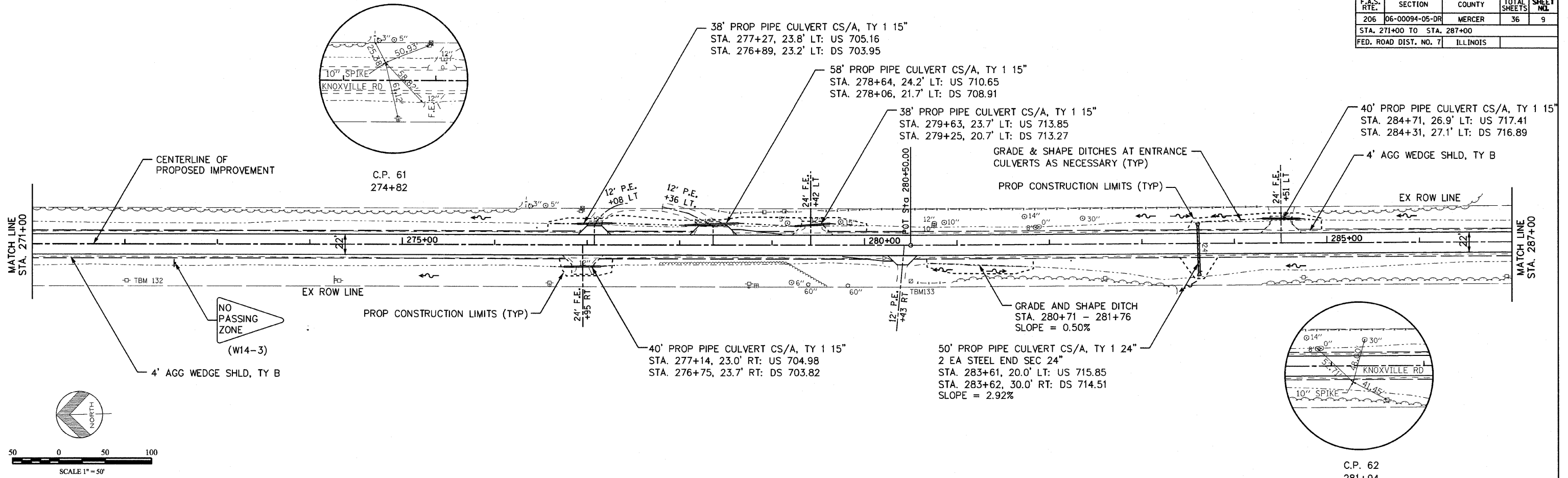
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	8
STA. 257+10.06 TO STA. 271+00				
FED. ROAD DIST. NO. 7		ILLINOIS		



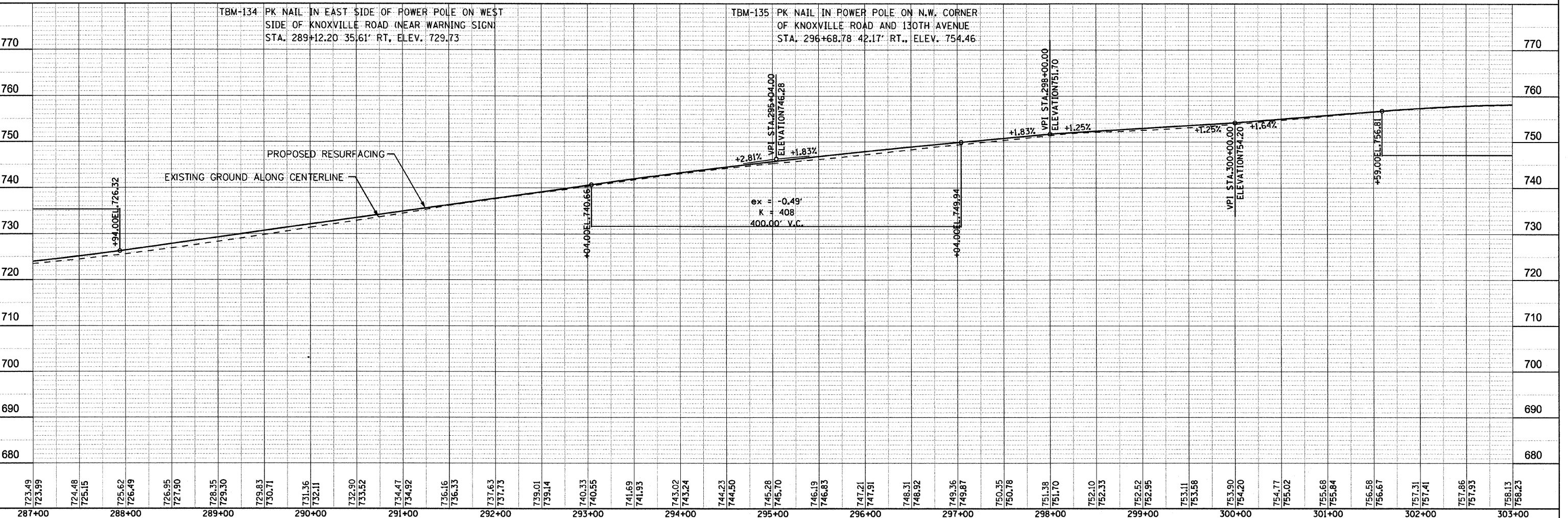
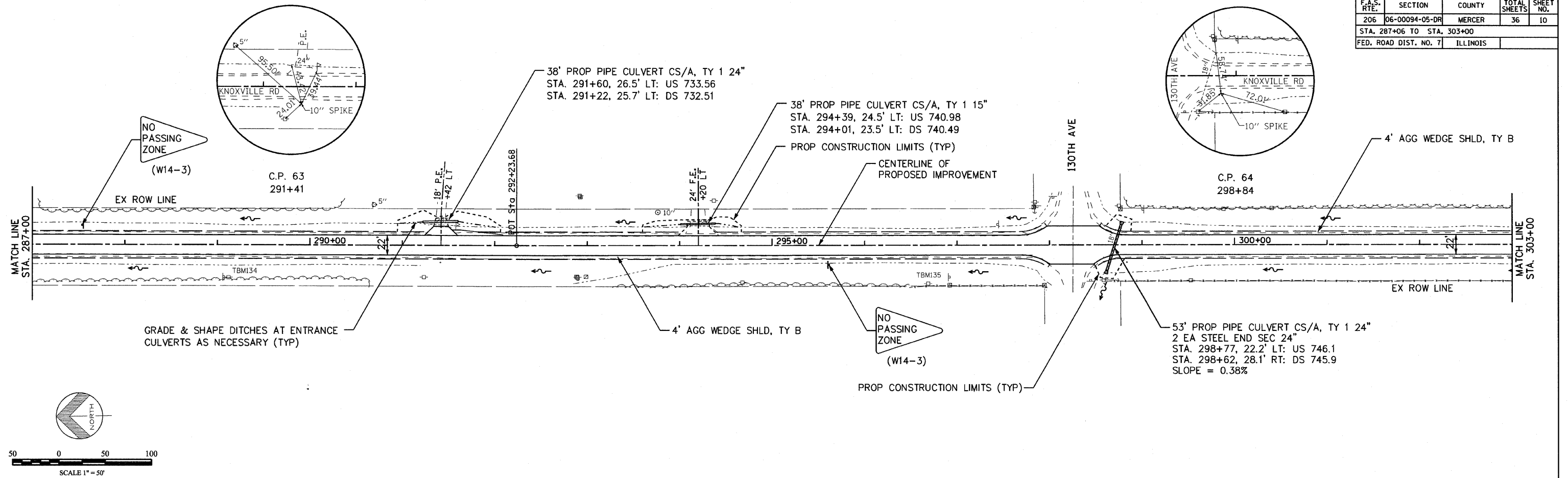
TBM-122 CHISELED ON CONCRETE BASE OF CORN BIN EAST SIDE KNOXVILLE ROAD STA. 256+48.68 130.47' LT., ELEV. 663.09

TBM-131 PK NAIL IN WEST SIDE OF POWER POLE ON WEST SIDE ON KNOXVILLE ROAD STA. 263+21.67 44.37' RT, ELEV. 667.48

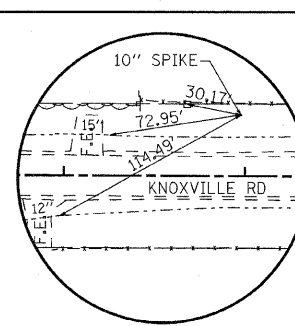
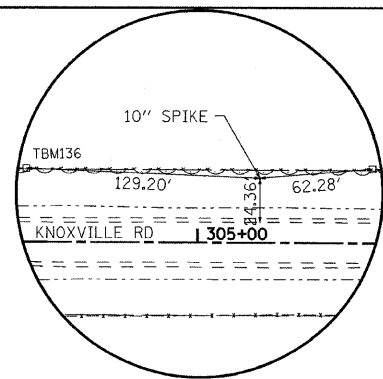
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	9
STA. 271+00 TO STA. 287+00				
FED. ROAD DIST. NO. 7		ILLINOIS		



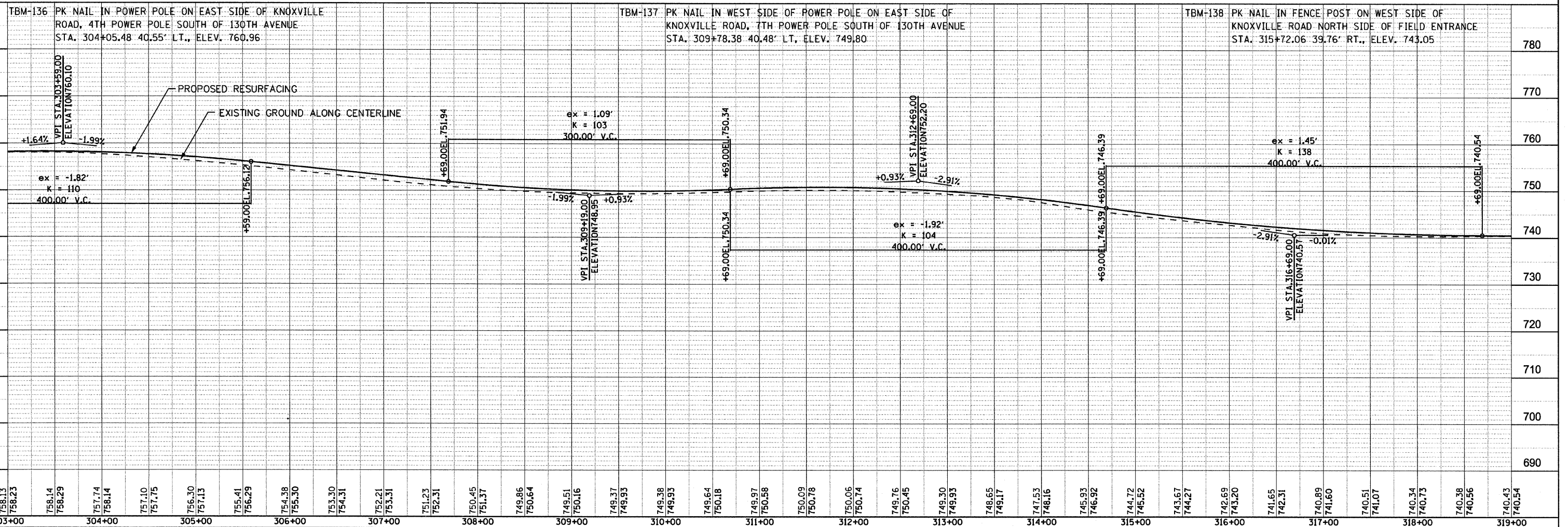
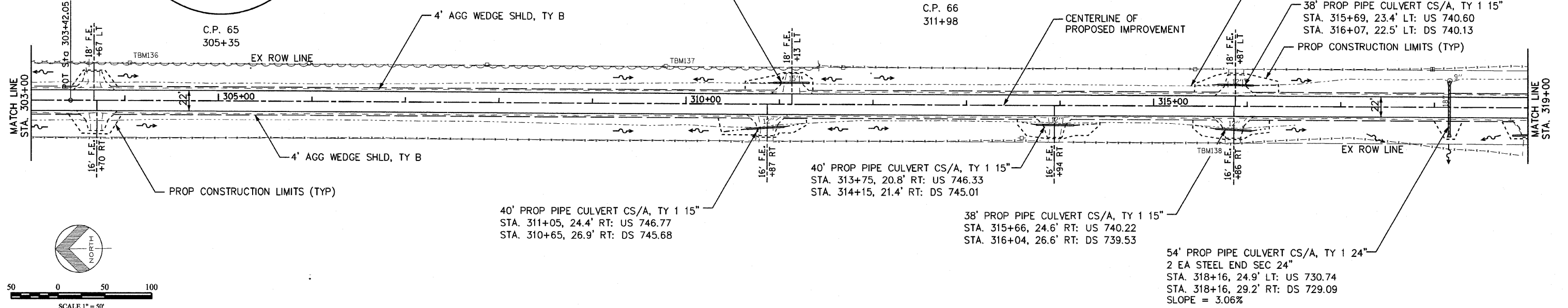
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	10
STA. 287+06 TO STA. 303+00				
FED. ROAD DIST. NO. 7		ILLINOIS		



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	11
STA. 303+00 TO STA. 319+00		FED. ROAD DIST. NO. 7 ILLINOIS		



38' PROP PIPE CULVERT CS/A, TY 1 15"
 STA. 311+32, 23.3' LT: US 747.65
 STA. 310+94, 23.0' LT: DS 747.27

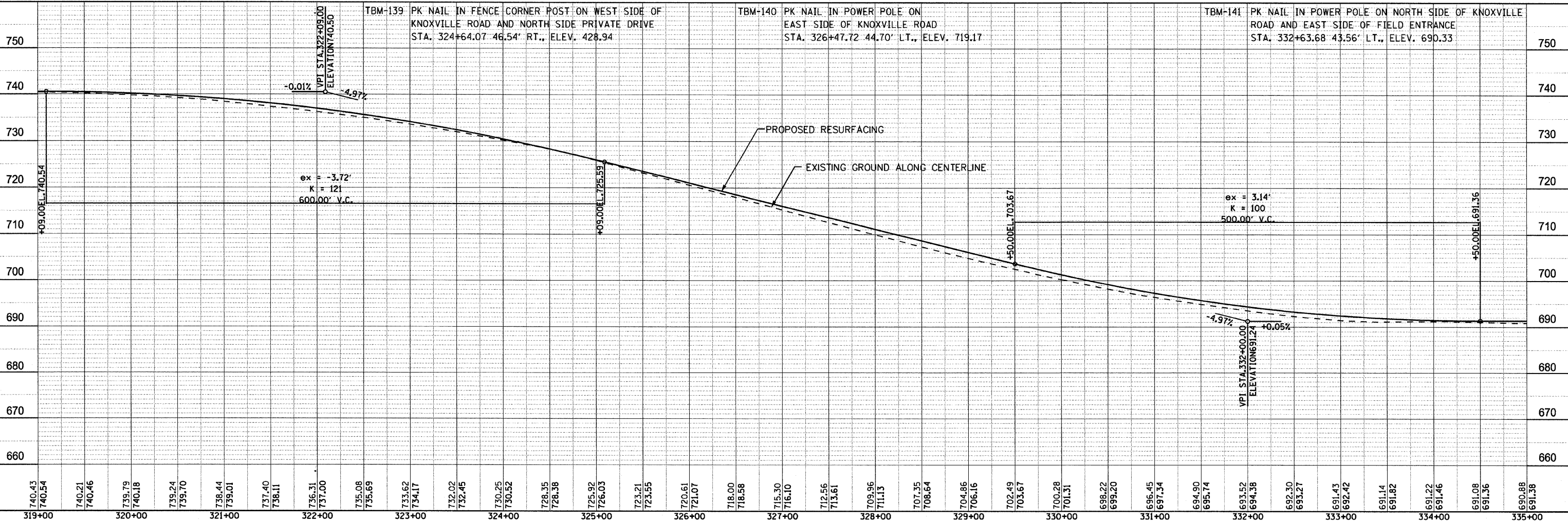
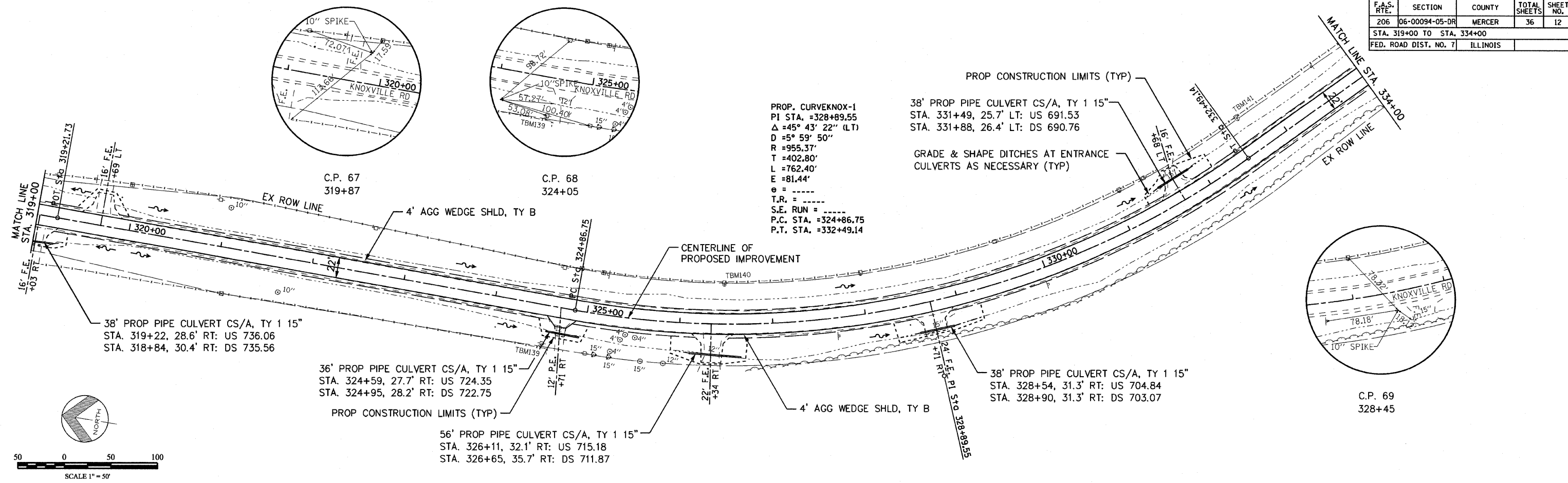


TBM-136 PK NAIL IN POWER POLE ON EAST SIDE OF KNOXVILLE ROAD, 4TH POWER POLE SOUTH OF 130TH AVENUE STA. 304+05.48 40.55' LT., ELEV. 760.96

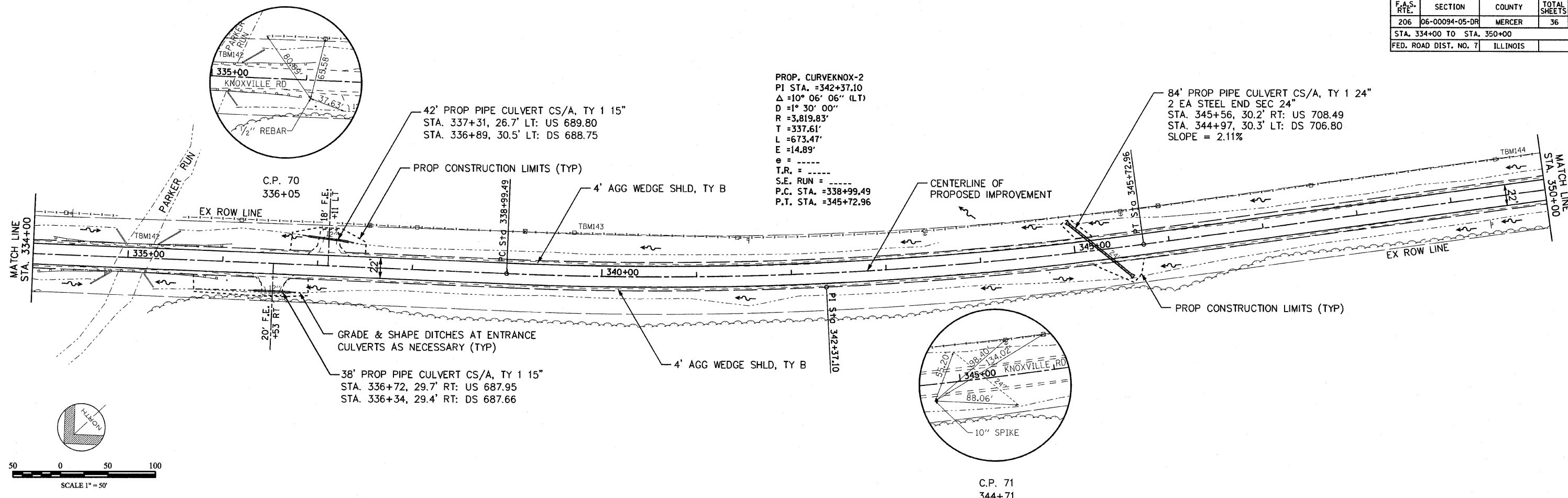
TBM-137 PK NAIL IN WEST SIDE OF POWER POLE ON EAST SIDE OF KNOXVILLE ROAD, 7TH POWER POLE SOUTH OF 130TH AVENUE STA. 309+78.38 40.48' LT, ELEV. 749.80

TBM-138 PK NAIL IN FENCE POST ON WEST SIDE OF KNOXVILLE ROAD NORTH SIDE OF FIELD ENTRANCE STA. 315+72.06 39.76' RT., ELEV. 743.05

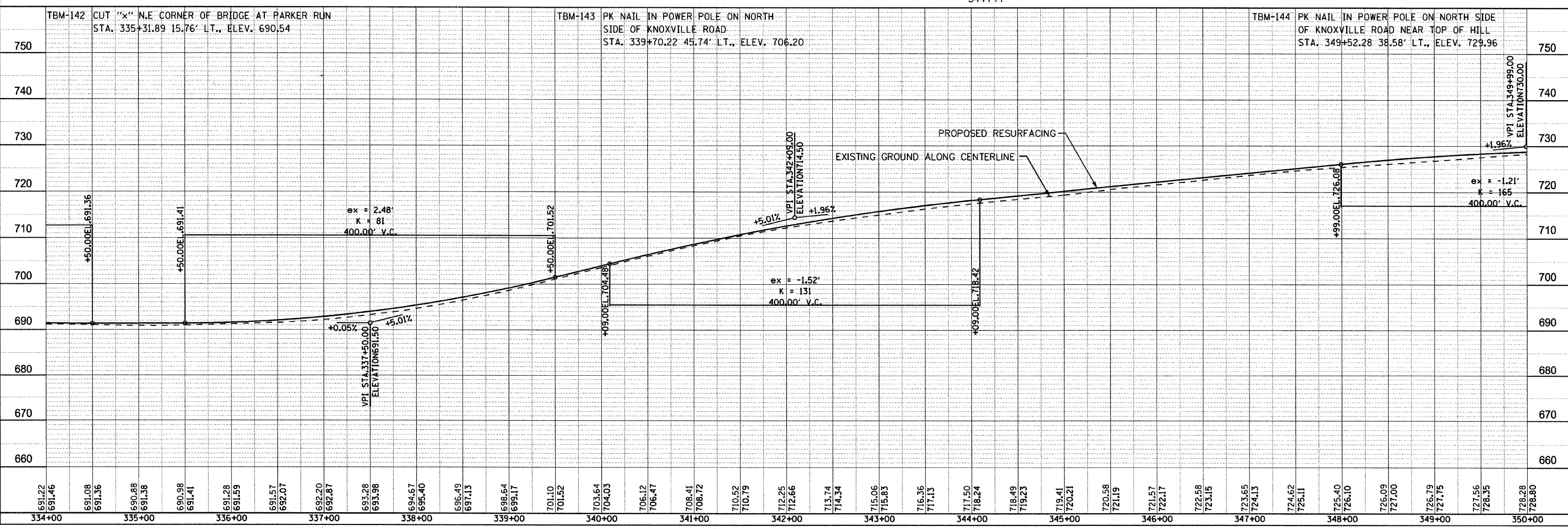
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	12
STA. 319+00 TO STA. 334+00				
FED. ROAD DIST. NO. 7			ILLINOIS	



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	13
STA. 334+00 TO STA. 350+00				
FED. ROAD DIST. NO. 7		ILLINOIS		

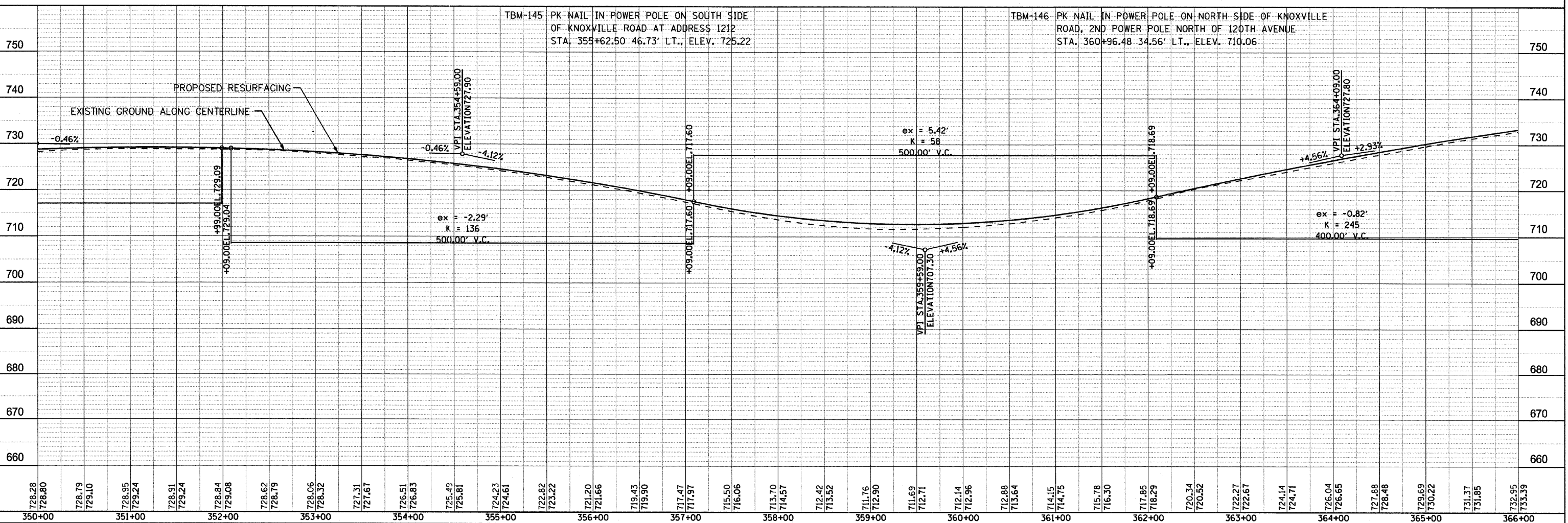
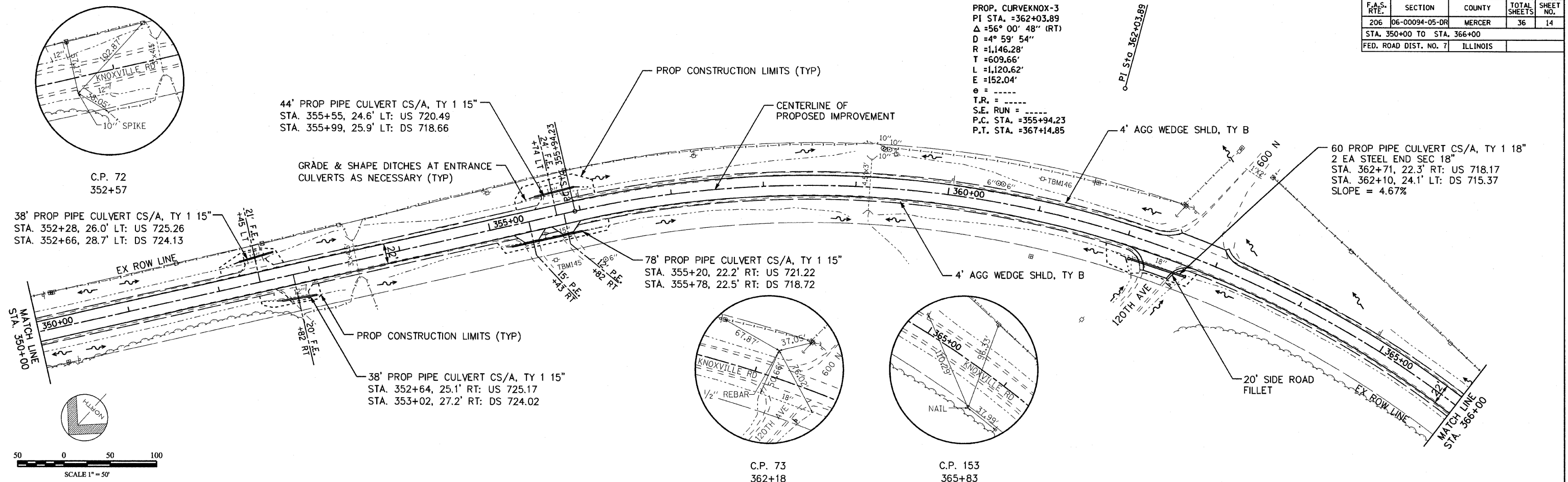


Station	Elevation	Notes	Station	Elevation	Notes	Station	Elevation	Notes
334+00	691.22		340+00	701.10		346+00	721.57	
	691.46			701.52			722.17	
	691.08			703.64			722.98	
	691.36			704.03			723.15	
335+00	690.88			706.12			723.65	
	691.38			706.47			724.13	
	690.98			708.41			724.62	
	691.41			708.72			725.11	
	691.28			710.52			725.40	
	691.59			710.79			726.10	
	691.57			712.25			726.09	
	692.07			712.66			727.00	
337+00	692.20			713.74			726.79	
	692.87			714.34			727.75	
	693.28			715.06			727.56	
	693.98			715.83			728.35	
	694.67			716.36			728.28	
338+00	695.40			717.13			728.80	
	696.49			717.50				
	697.13			718.24				
	698.64			718.49				
	699.17			719.23				
	701.10			719.41				
	701.52			720.21				
	703.64			720.58				
	704.03			721.19				
	706.12			721.57				
	706.47			722.17				
	708.41			722.98				
	708.72			723.15				
	710.52			723.65				
	710.79			724.13				
	712.25			724.62				
	712.66			725.11				
	713.74			725.40				
	714.34			726.10				
	715.06			726.09				
	715.83			727.00				
	716.36			726.79				
	717.13			727.75				
	717.50			727.56				
	718.24			728.35				
	718.49			728.28				
	719.23			728.80				
	719.41							
	720.21							
	720.58							
	721.19							
	721.57							
	722.17							
	722.98							
	723.15							
	723.65							
	724.13							
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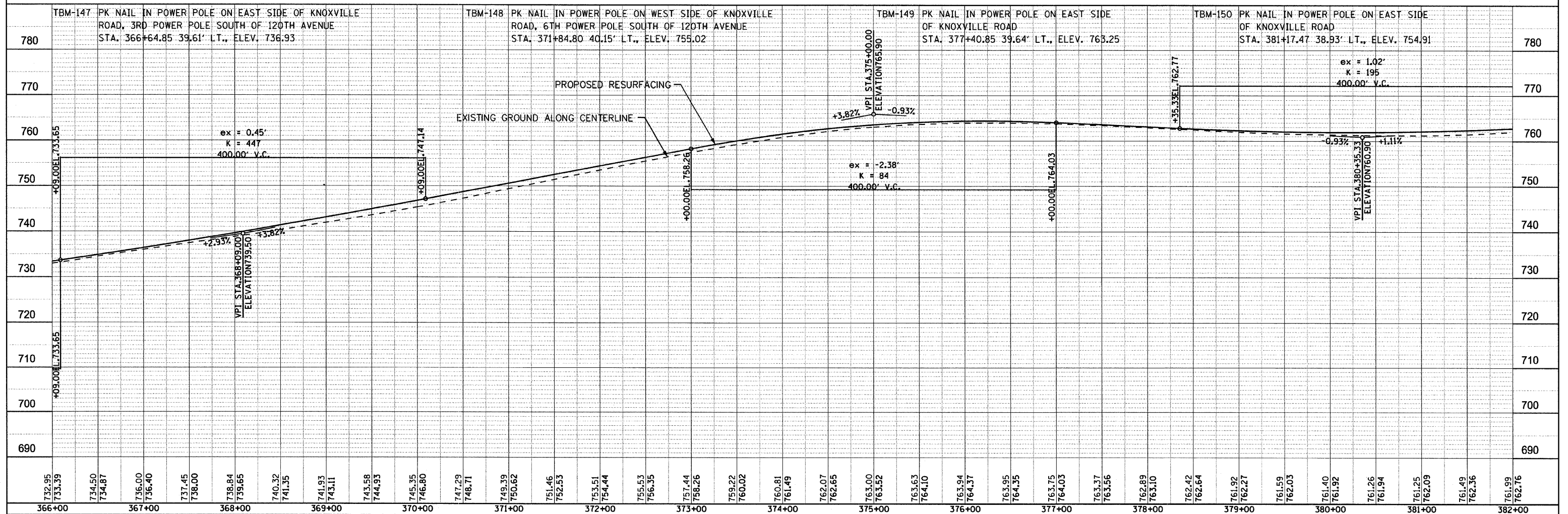
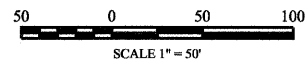
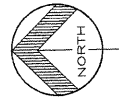
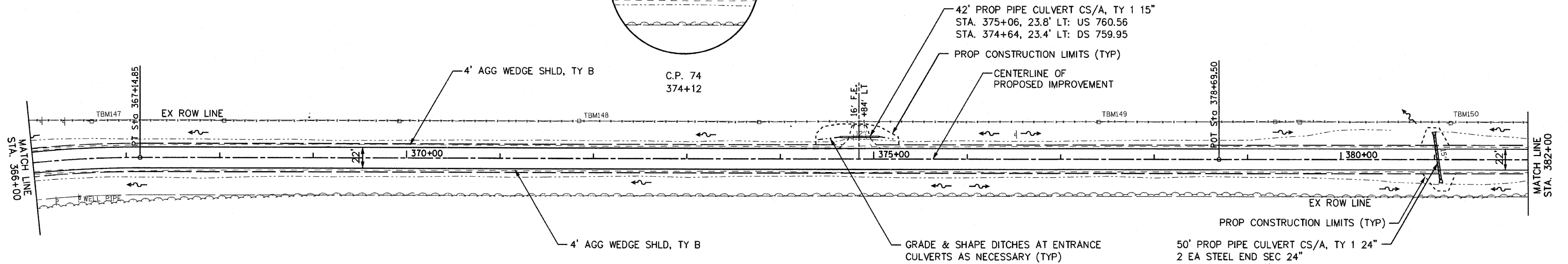
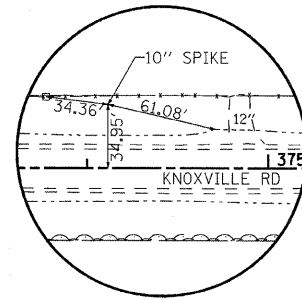


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	14
STA. 350+00 TO STA. 366+00				
FED. ROAD DIST. NO. 7		ILLINOIS		

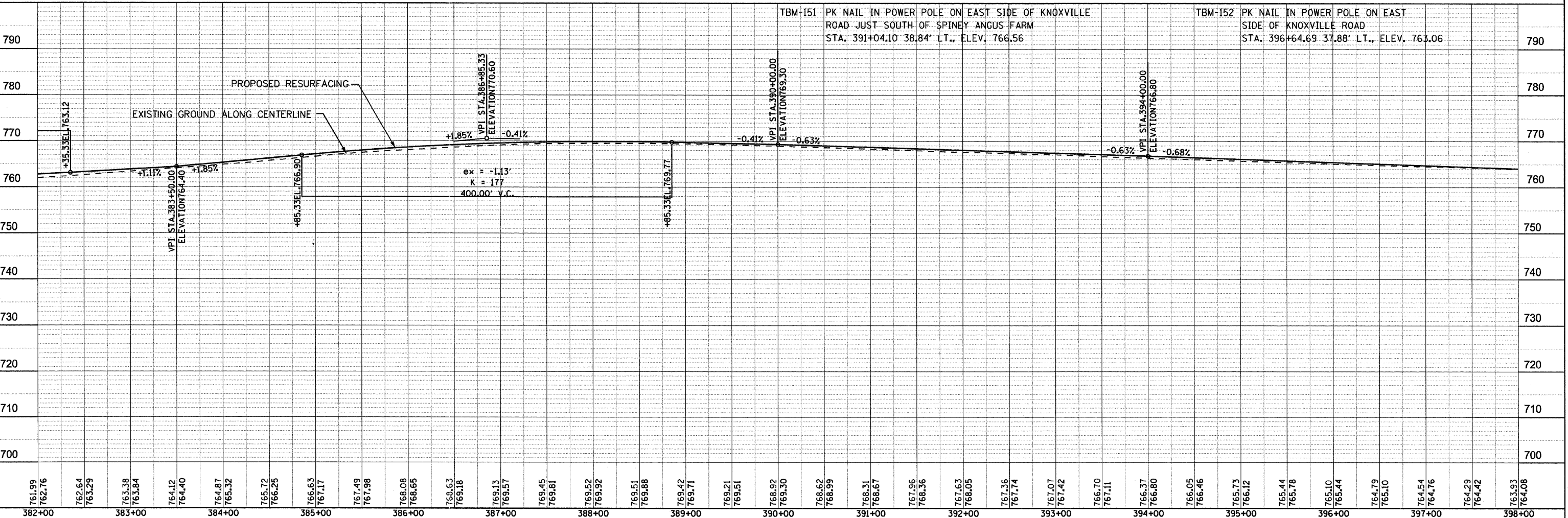
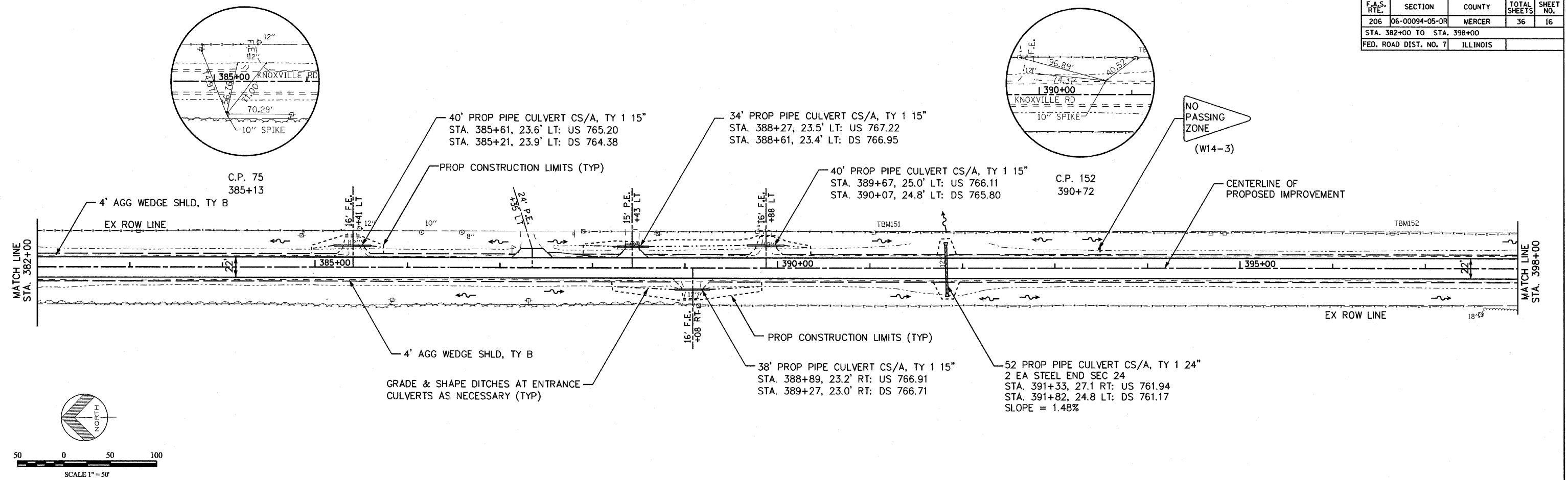
PROP. CURVEKNOX-3
 PI STA. =362+03.89
 $\Delta = 56^\circ 00' 48''$ (RT)
 $D = 4^\circ 59' 54''$
 $R = 1,146.28'$
 $T = 609.66'$
 $L = 1,120.62'$
 $E = 152.04'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 355+94.23$
 $P.T. STA. = 367+14.85$



F.A.S. REF.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	15
STA. 366+00 TO STA. 382+00				
FED. ROAD DIST. NO. 7		ILLINOIS		



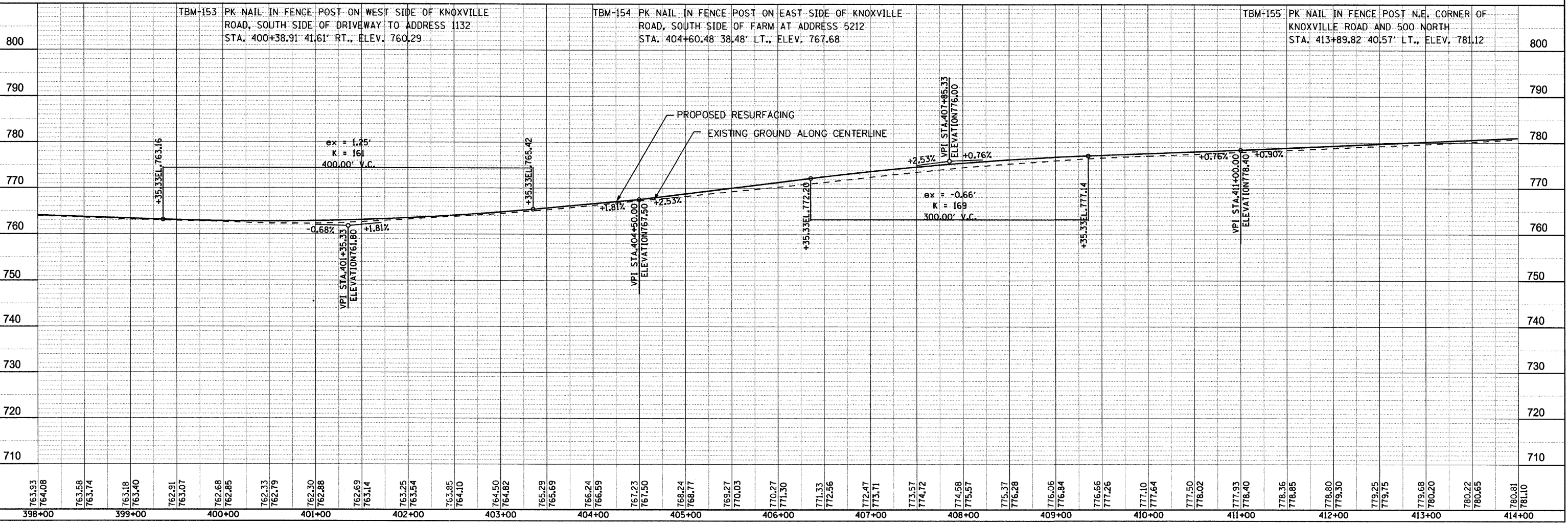
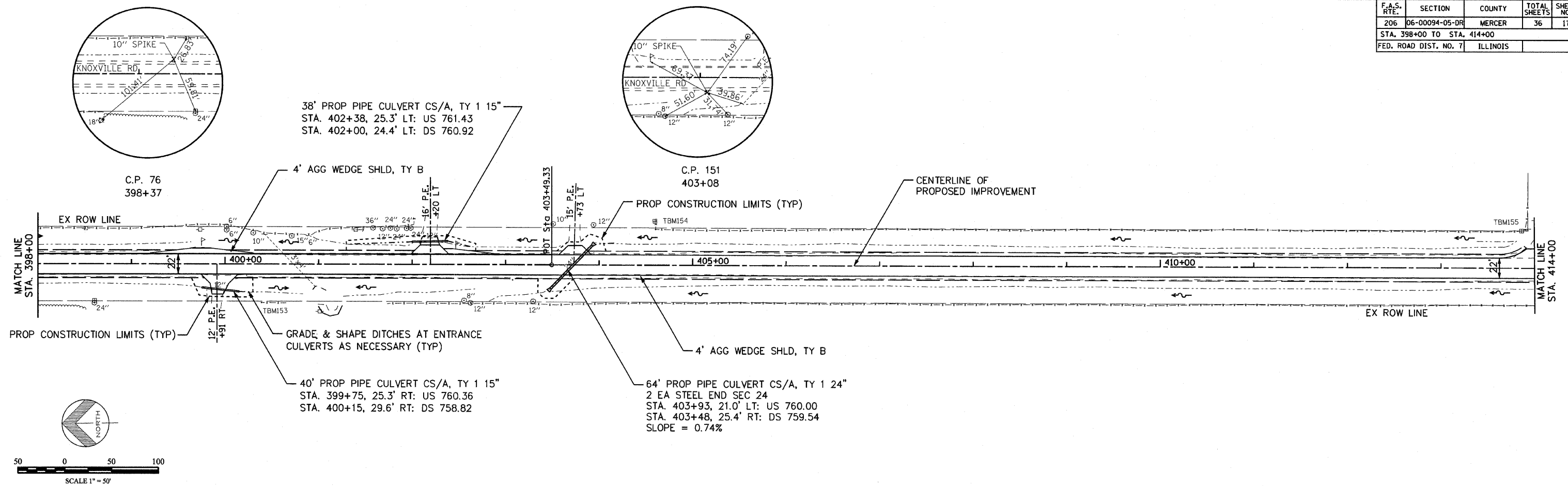
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	16
STA. 382+00 TO STA. 398+00				
FED. ROAD DIST. NO. 7		ILLINOIS		



TBM-151 PK NAIL IN POWER POLE ON EAST SIDE OF KNOXVILLE ROAD JUST SOUTH OF SPINEY ANGUS FARM STA. 391+04.10 38.84' LT., ELEV. 766.56

TBM-152 PK NAIL IN POWER POLE ON EAST SIDE OF KNOXVILLE ROAD STA. 396+64.69 37.88' LT., ELEV. 763.06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	17
STA. 398+00 TO STA. 414+00		ILLINOIS		
FED. ROAD DIST. NO. 7				



TBM-153 PK NAIL IN FENCE POST ON WEST SIDE OF KNOXVILLE ROAD, SOUTH SIDE OF DRIVEWAY TO ADDRESS 1132 STA. 400+38.91 41.61' RT., ELEV. 760.29

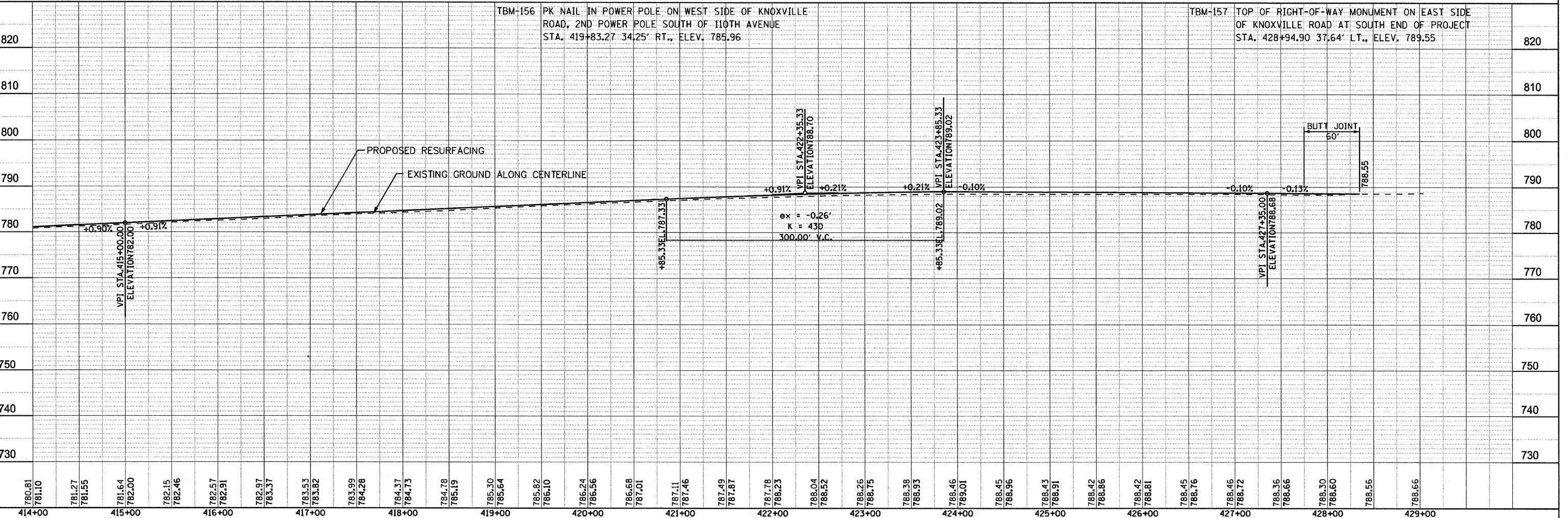
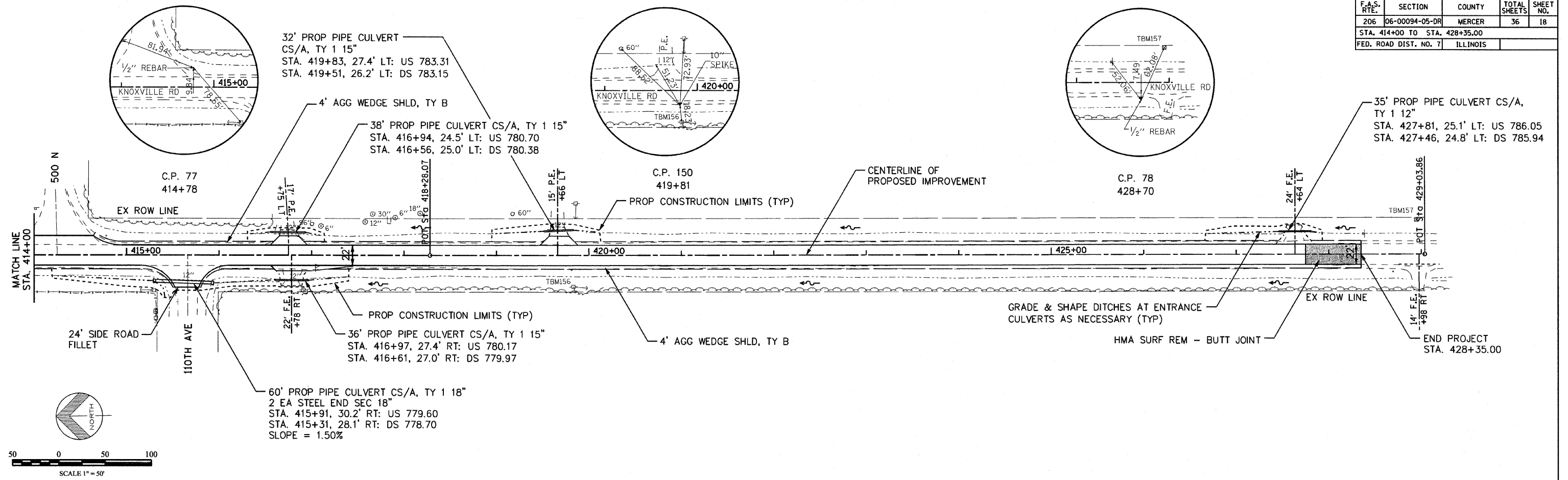
TBM-154 PK NAIL IN FENCE POST ON EAST SIDE OF KNOXVILLE ROAD, SOUTH SIDE OF FARM AT ADDRESS 5212 STA. 404+60.48 38.48' LT., ELEV. 767.68

TBM-155 PK NAIL IN FENCE POST N.E. CORNER OF KNOXVILLE ROAD AND 500 NORTH STA. 413+89.82 40.57' LT., ELEV. 781.12

ex = 1.35'
K = 161
400.00' V.C.

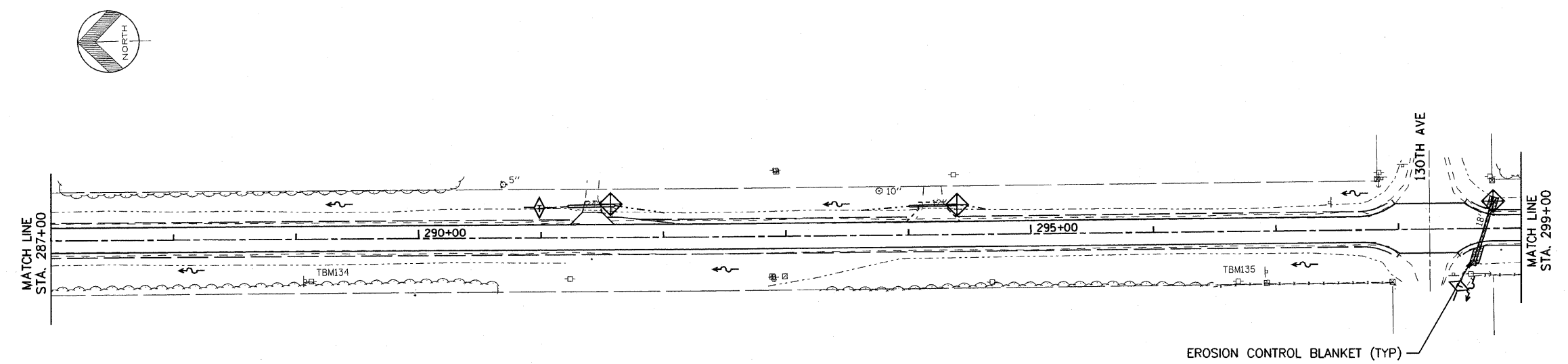
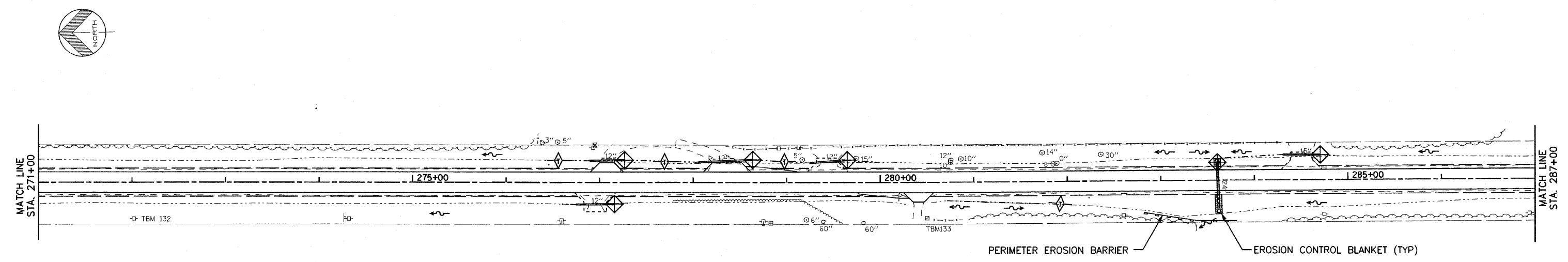
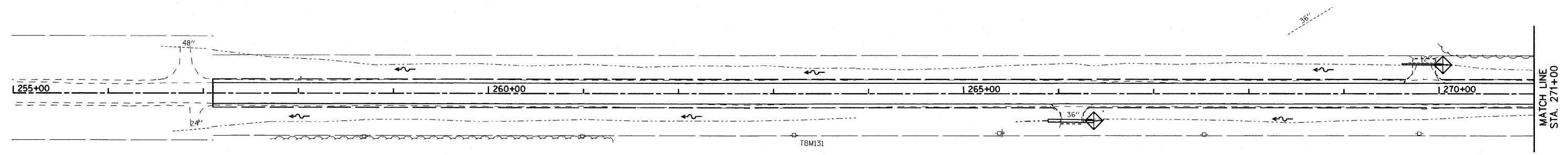
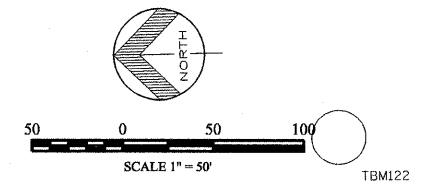
ex = -0.66'
K = 169
300.00' V.C.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	18
STA. 414+00 TO STA. 428+35.00				
FED. ROAD DIST. NO. 7		ILLINOIS		



780.81	781.10	781.27	781.55	781.64	782.00	782.15	782.46	782.57	782.91	782.97	783.37	783.53	783.82	783.99	784.28	784.37	784.73	784.78	785.19	785.30	785.64	785.82	786.10	786.24	786.56	786.68	787.01	787.11	787.46	787.49	787.87	787.78	788.23	788.04	788.52	788.26	788.75	788.38	788.93	788.46	789.01	788.45	788.96	788.43	788.91	788.42	788.86	788.42	788.81	788.45	788.76	788.46	788.72	788.36	788.66	788.30	788.60	788.56	788.56	
414+00				415+00				416+00				417+00				418+00				419+00				420+00				421+00				422+00				423+00				424+00				425+00				426+00				427+00				428+00				429+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	19
STA. 257+10.06 TO STA. 299+00				
FED. ROAD DIST. NO. 7			ILLINOIS	

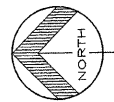


NOTE:
 ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON I.D.O.T. STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. FOR FURTHER DETAILS, REFER TO THE STORM WATER POLLUTION PREVENTION PLAN.

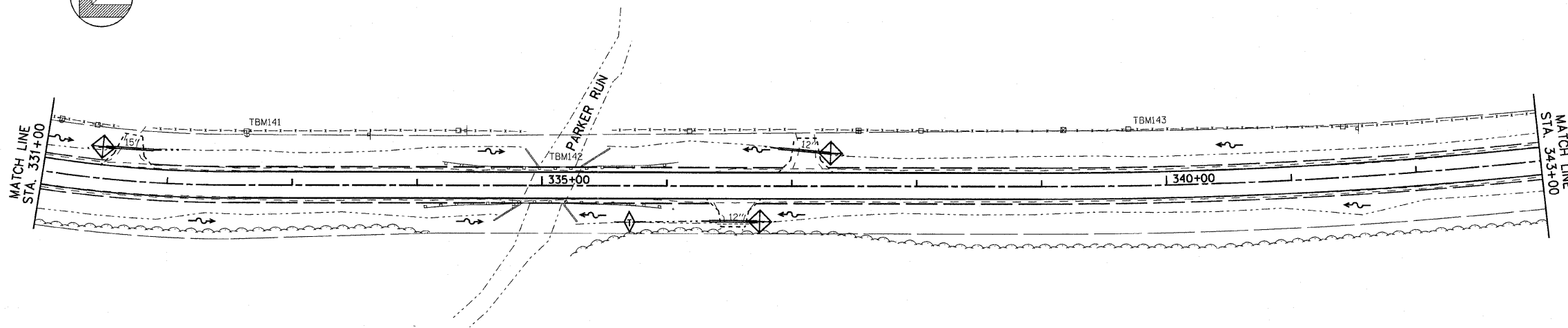
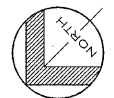
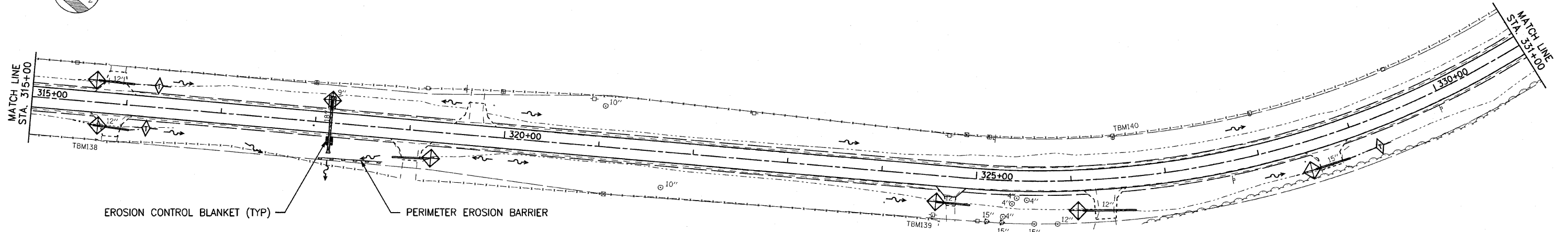
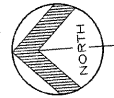
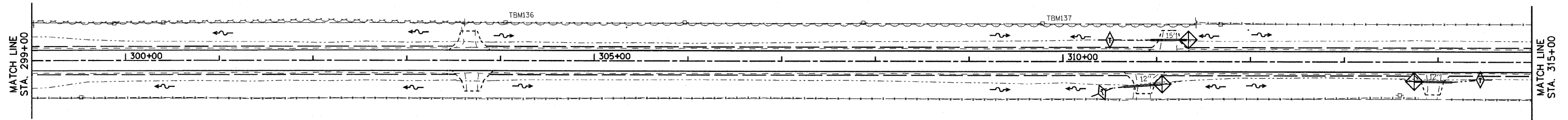
- LEGEND:
- = TEMPORARY DITCH CHECK (TYP)
 - = EROSION CONTROL BLANKET (TYP)
 - = PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER (TYP)
 - = INLET AND PIPE PROTECTION (TYP)
 - = STONE RIPRAP CL A 3 (TYP)

EROSION CONTROL PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	20
STA. 299+00 TO STA. 343+00				
FED. ROAD DIST. NO. 7 ILLINOIS				



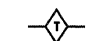
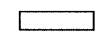



50 0 50 100
SCALE 1" = 50'



NOTE:

ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON I.D.O.T. STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. FOR FURTHER DETAILS, REFER TO THE THE STORM WATER POLLUTION PREVENTION PLAN.

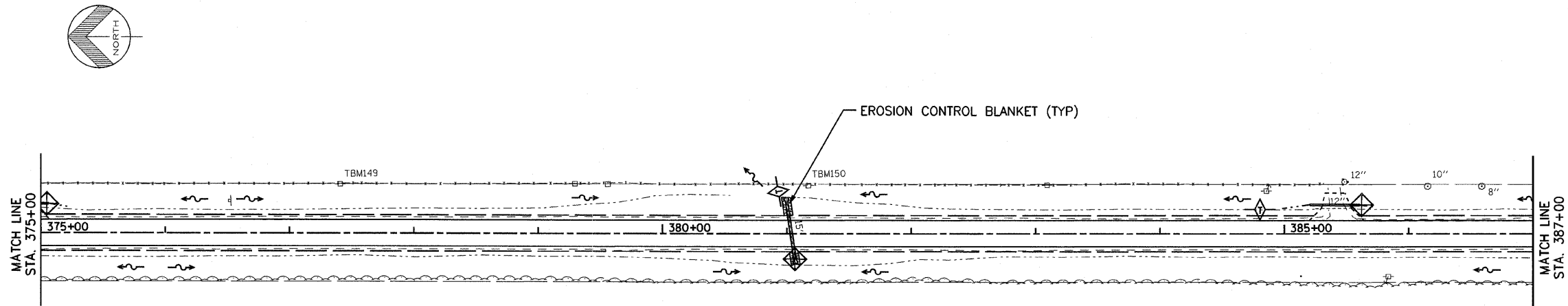
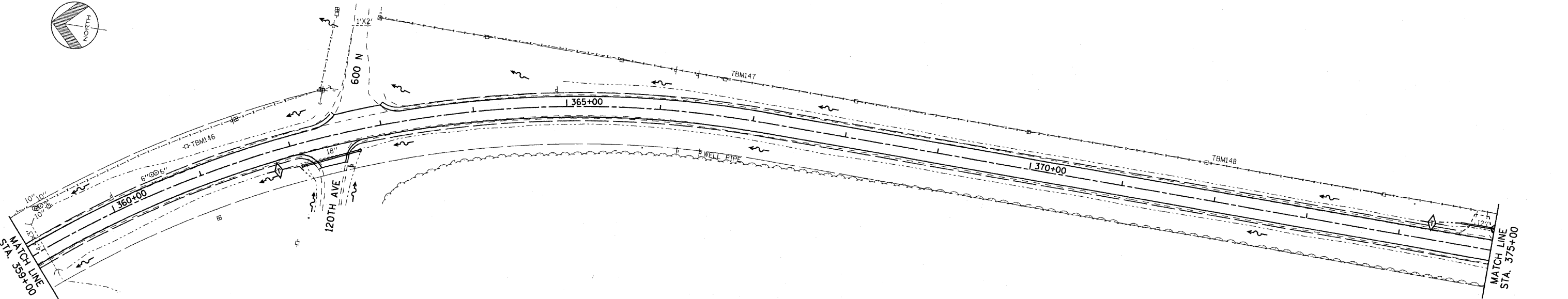
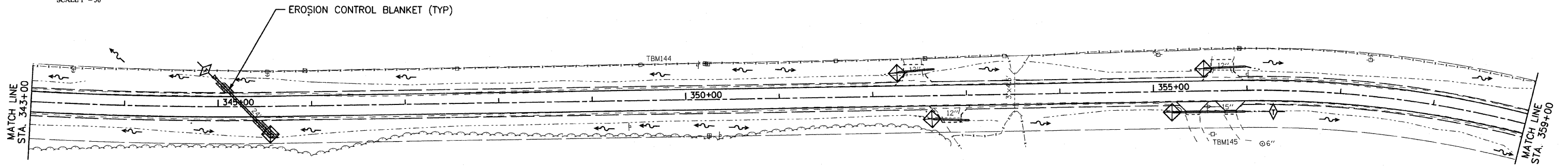
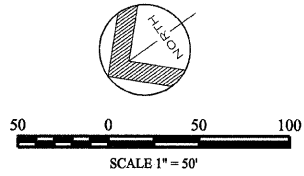
LEGEND:

-  = TEMPORARY DITCH CHECK (TYP)
-  = EROSION CONTROL BLANKET (TYP)
-  = PERIMETER EROSION BARRIER -SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER (TYP)
-  = INLET AND PIPE PROTECTION (TYP)
-  = STONE RIPRAP CL A 3 (TYP)

EROSION CONTROL PLAN

SECTION 06-00094-05-DR
F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
RICHLAND GROVE TOWNSHIP
MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	21
STA. 343+00 TO STA. 387+00				
FED. ROAD DIST. NO. 7 ILLINOIS				



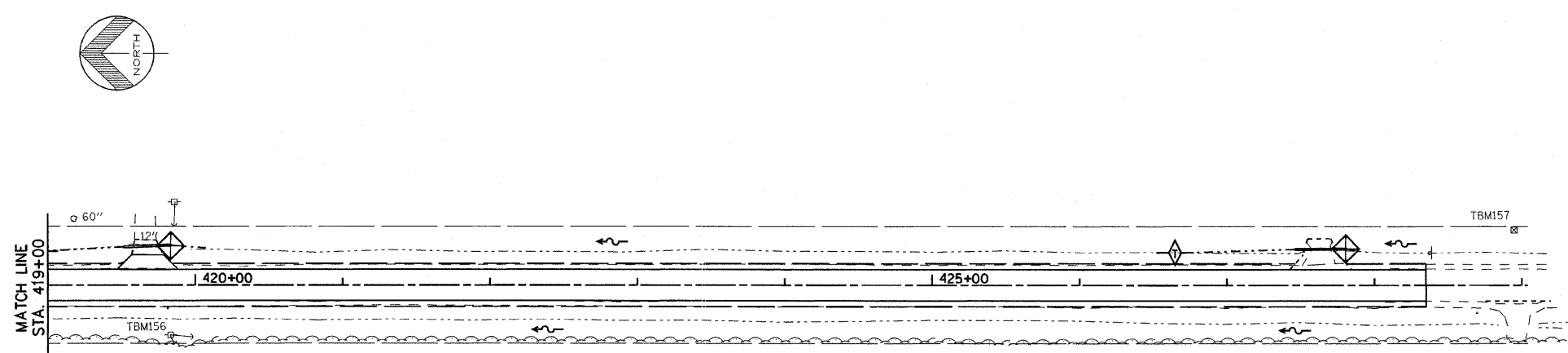
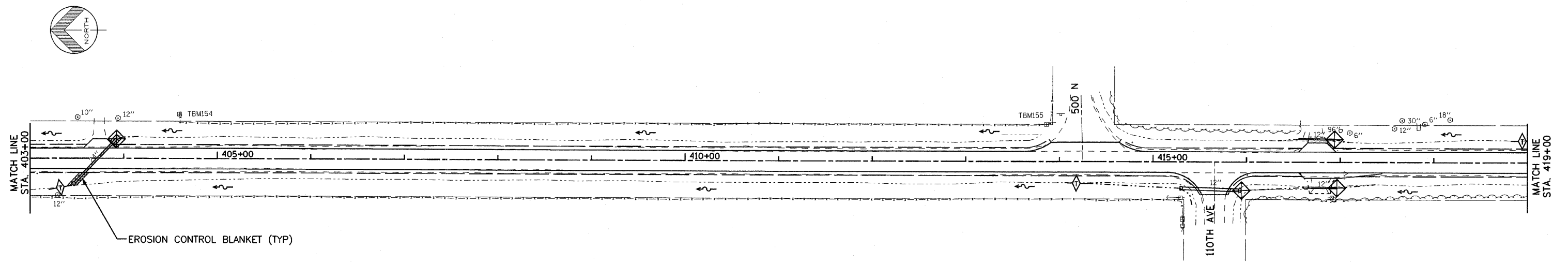
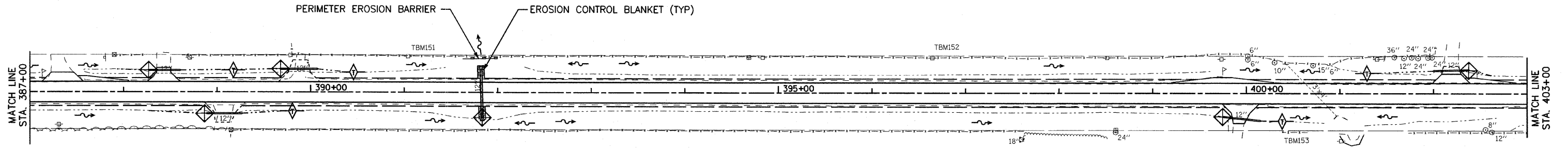
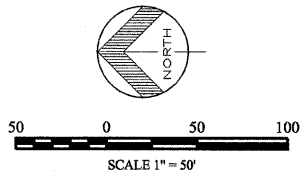
NOTE:
 ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON I.D.O.T. STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. FOR FURTHER DETAILS, REFER TO THE STORM WATER POLLUTION PREVENTION PLAN.

- LEGEND:
- = TEMPORARY DITCH CHECK (TYP)
 - = EROSION CONTROL BLANKET (TYP)
 - = PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER (TYP)
 - = INLET AND PIPE PROTECTION (TYP)
 - = STONE RIPRAP CL A 3 (TYP)

EROSION CONTROL PLAN

SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	22
STA. 387+00 TO STA. 428+35.00				
FED. ROAD DIST. NO. 7 ILLINOIS				

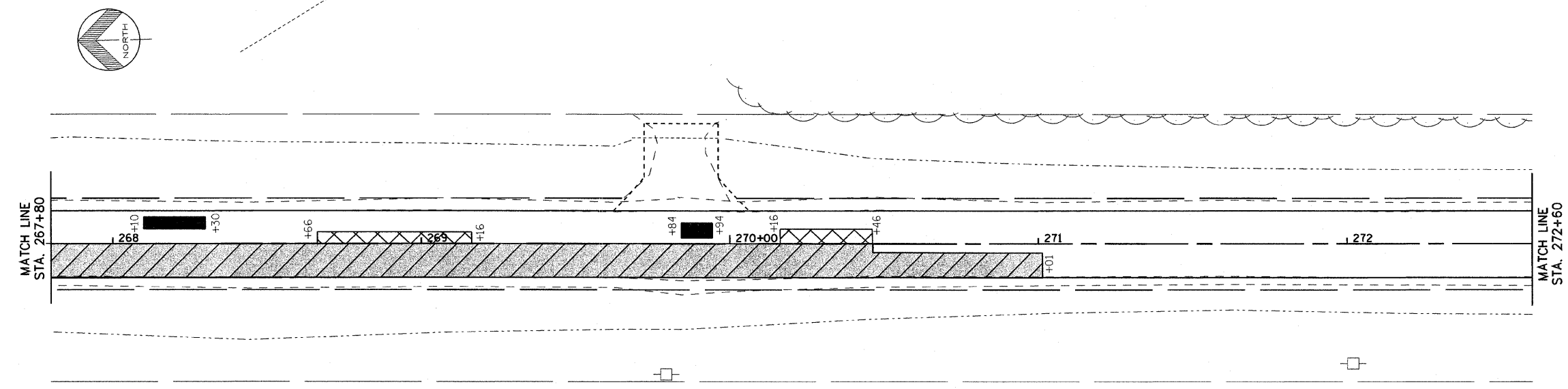
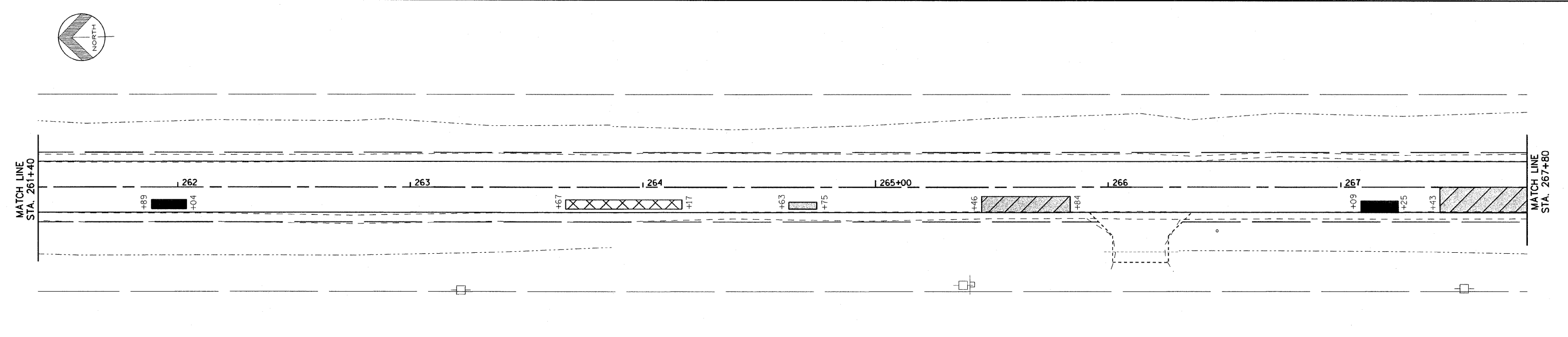
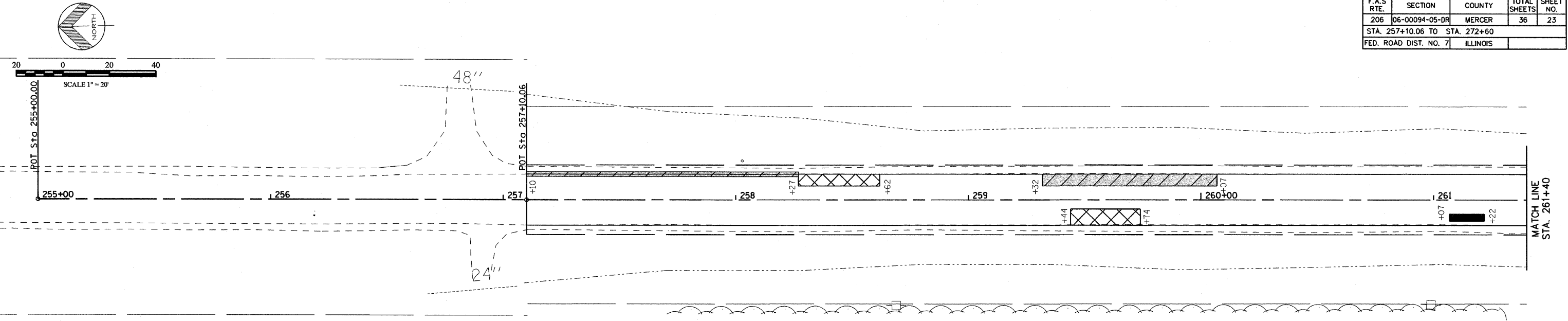


NOTE:
 ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON I.D.O.T. STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. FOR FURTHER DETAILS, REFER TO THE THE STORM WATER POLLUTION PREVENTION PLAN.

- LEGEND:
- = TEMPORARY DITCH CHECK (TYP)
 - = EROSION CONTROL BLANKET (TYP)
 - = PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER (TYP)
 - = INLET AND PIPE PROTECTION (TYP)
 - = STONE RIPRAP CL A 3 (TYP)

EROSION CONTROL PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

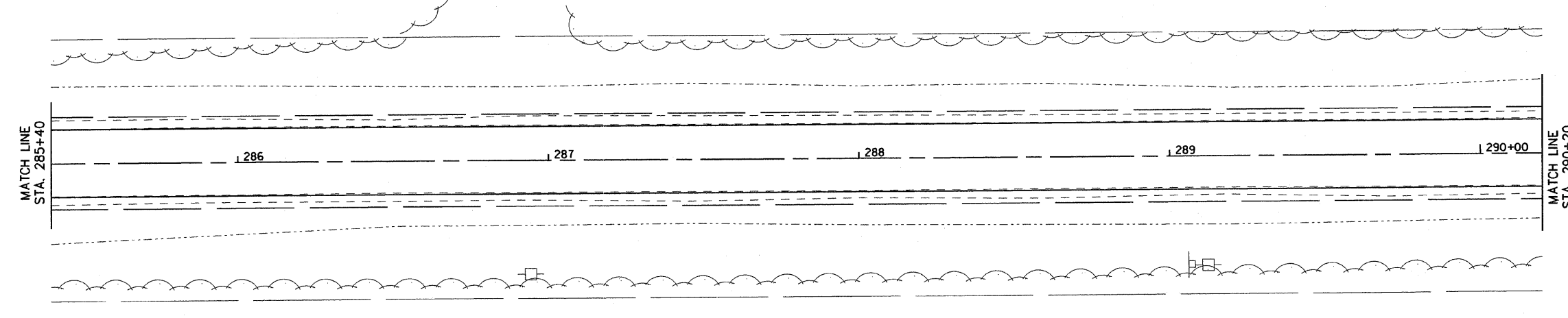
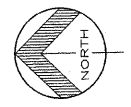
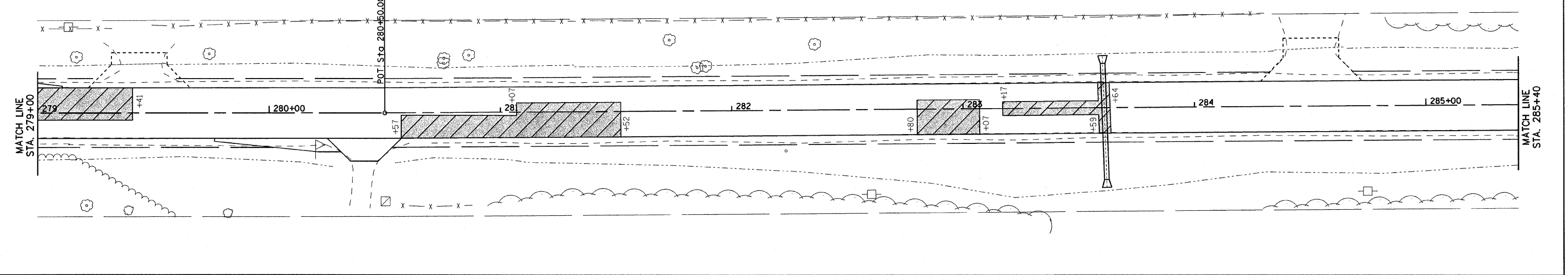
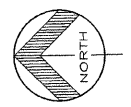
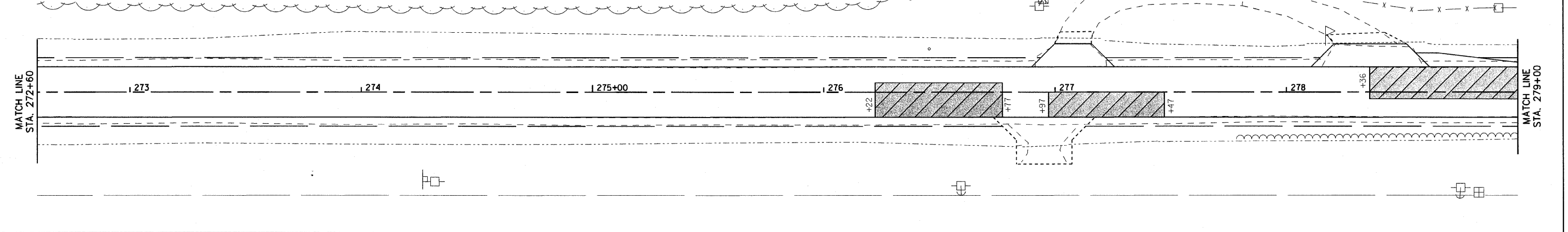
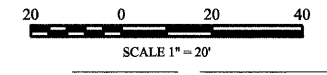
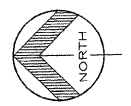
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	23
STA. 257+10.06 TO STA. 272+60				
FED. ROAD DIST. NO. 7 ILLINOIS				



- LEGEND:**
- = LESS THAN 5 SQ YD
 - = 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
 - = 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
 - = 25 SQ YD OR MORE

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

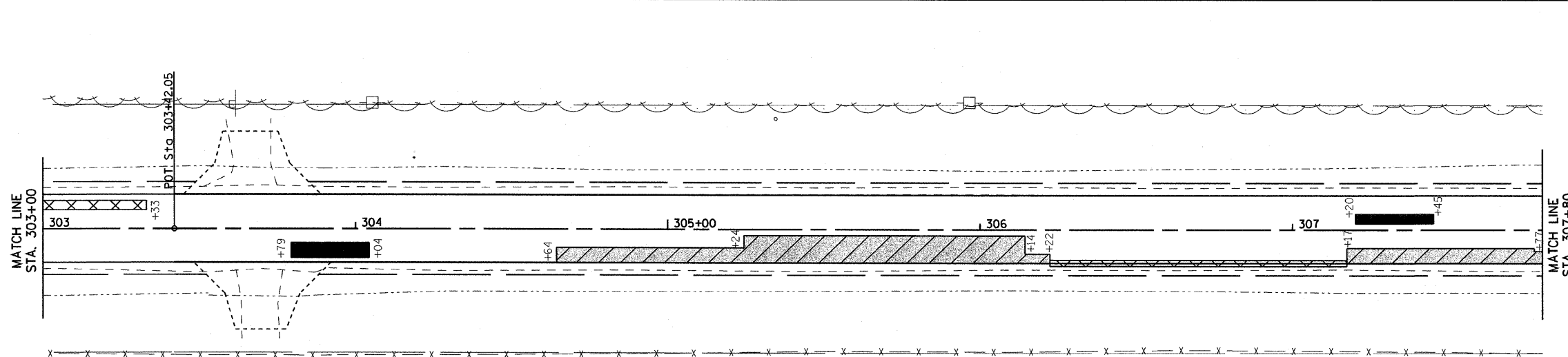
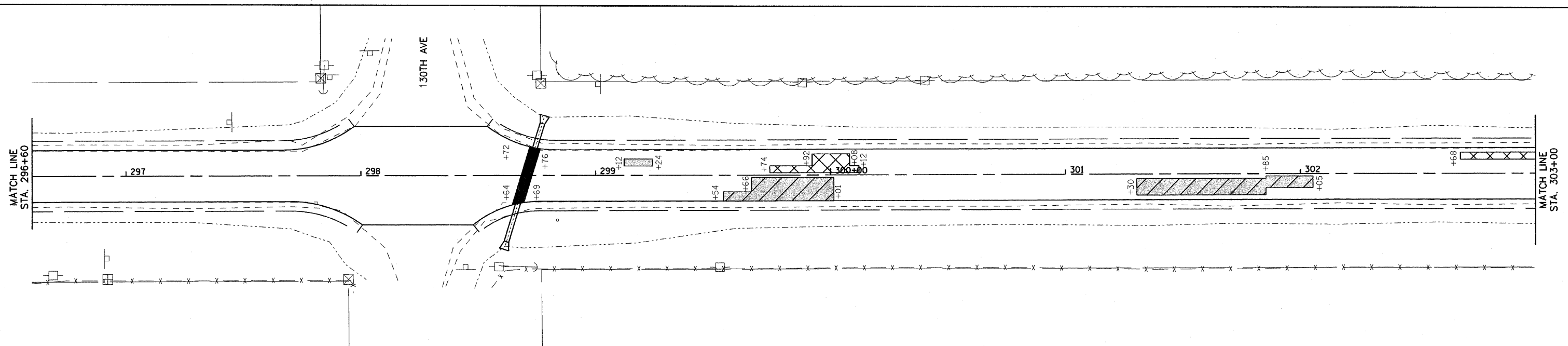
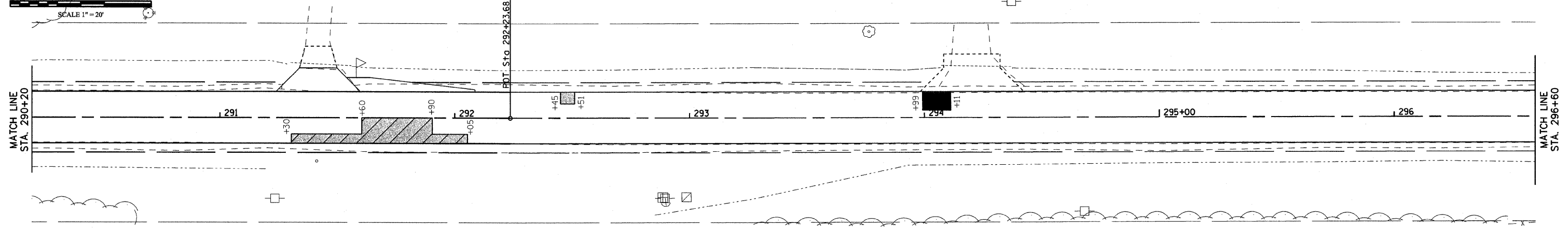
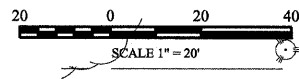
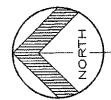
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	24
STA. 272+60 TO STA. 290+20				
FED. ROAD DIST. NO. 7			ILLINOIS	



- LEGEND:**
- = LESS THAN 5 SQ YD
 - = 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
 - = 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
 - = 25 SQ YD OR MORE

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	25
STA. 290+20 TO STA. 307+80				
FED. ROAD DIST. NO. 7		ILLINOIS		

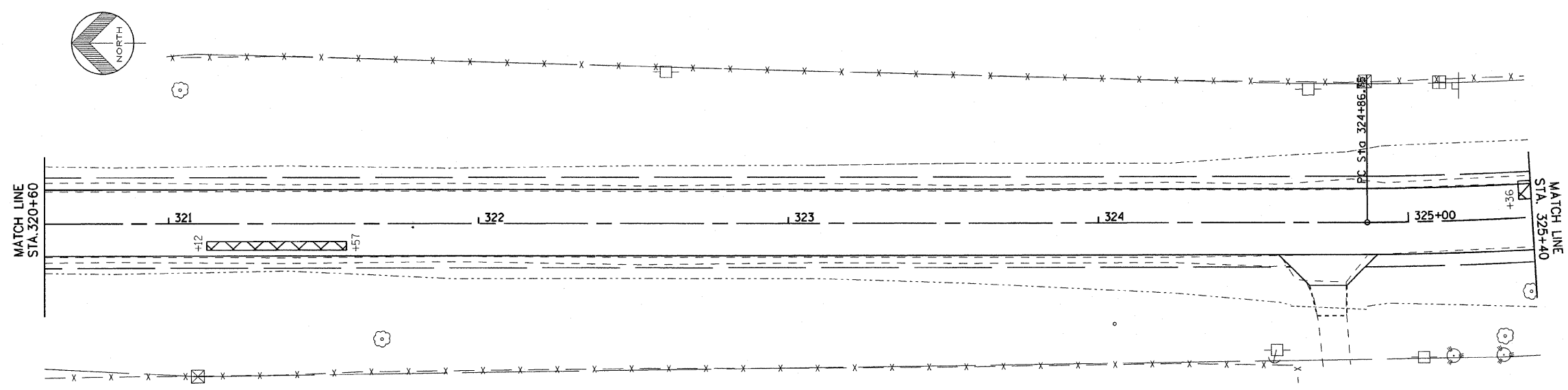
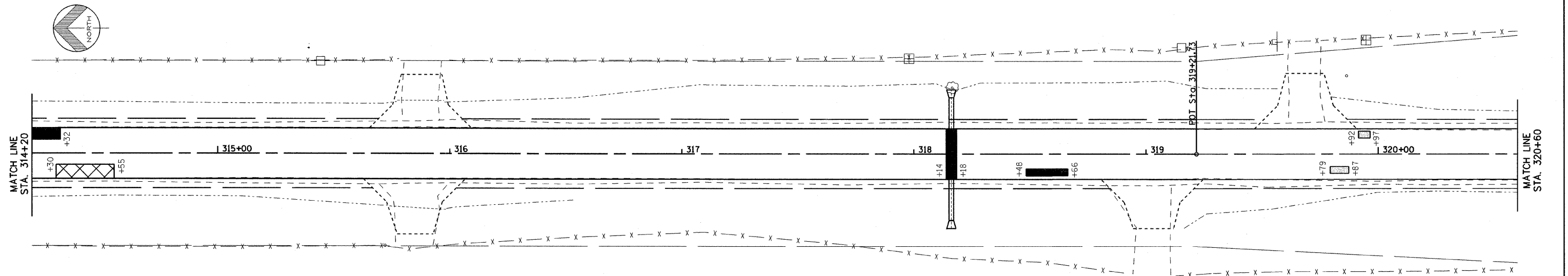
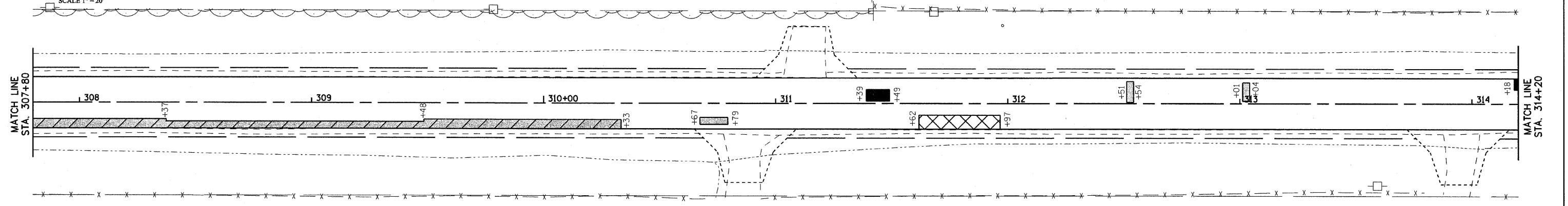
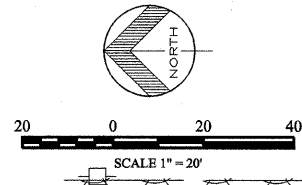


LEGEND:

	= LESS THAN 5 SQ YD
	= 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
	= 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
	= 25 SQ YD OR MORE

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

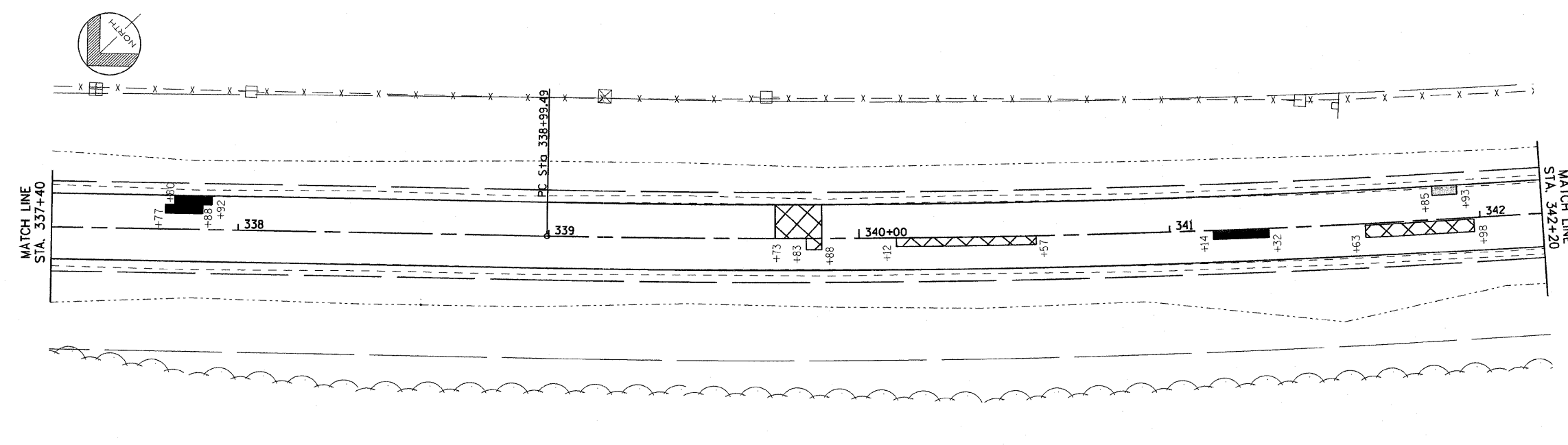
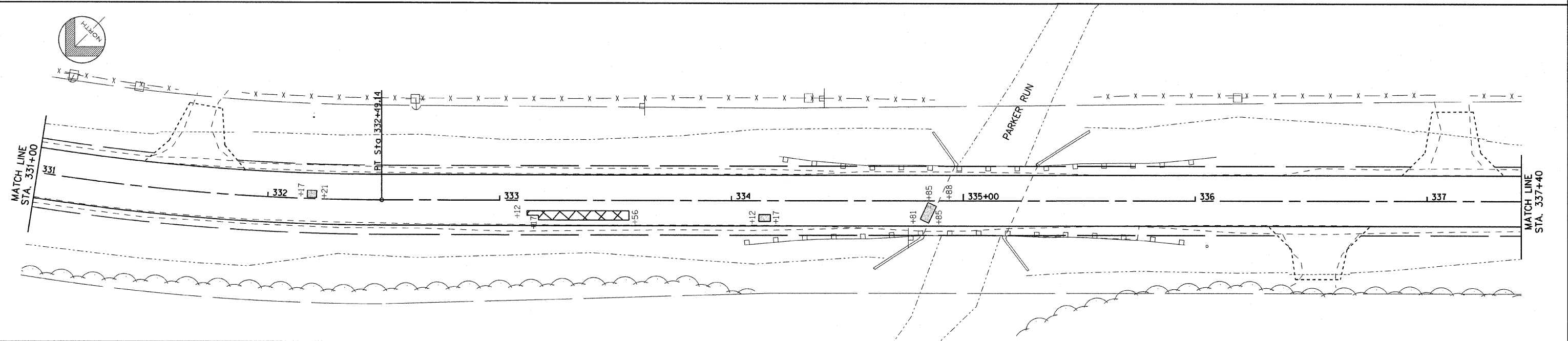
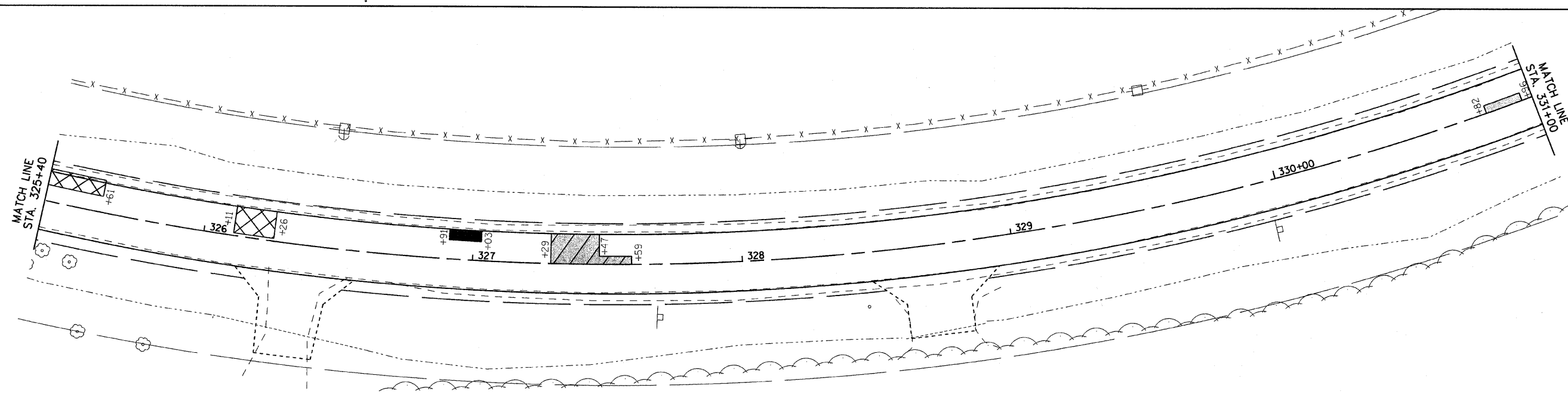
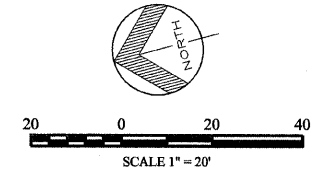
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	26
STA. 307+80 TO STA. 325+40				
FED. ROAD DIST. NO. 7 ILLINOIS				



- LEGEND:**
- = LESS THAN 5 SQ YD
 - = 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
 - = 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
 - = 25 SQ YD OR MORE

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

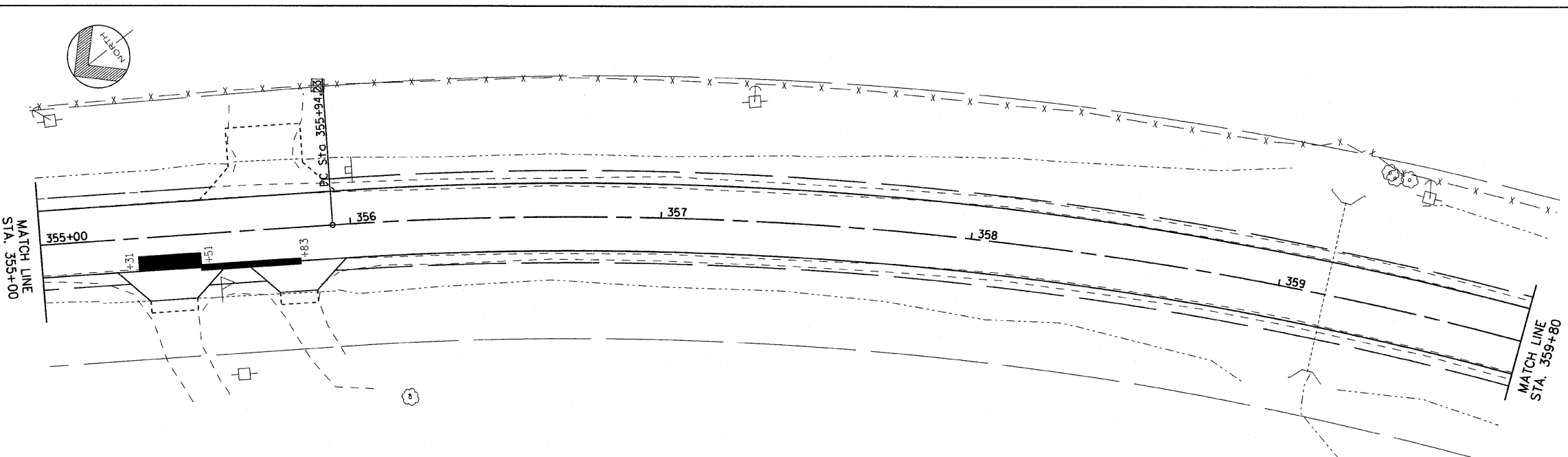
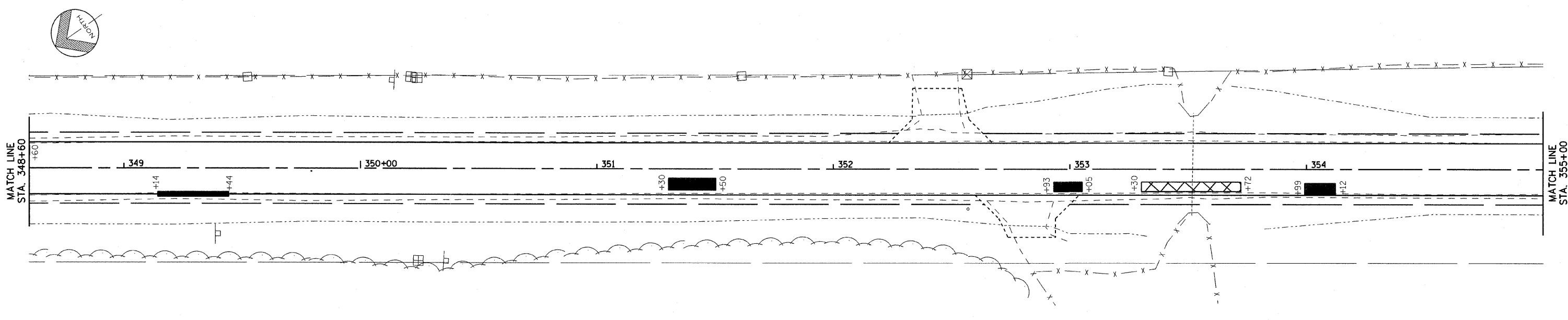
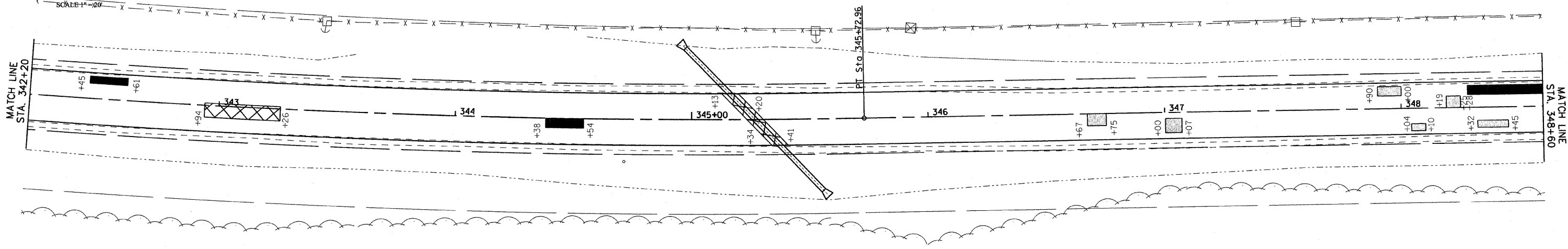
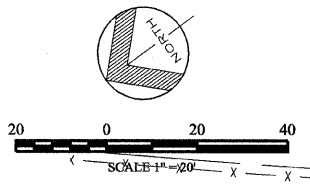
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	27
STA. 325+40 TO STA. 342+20				
FED. ROAD DIST. NO. 7 ILLINOIS				



- LEGEND:**
- = LESS THAN 5 SQ YD
 - = 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
 - = 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
 - = 25 SQ YD OR MORE

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

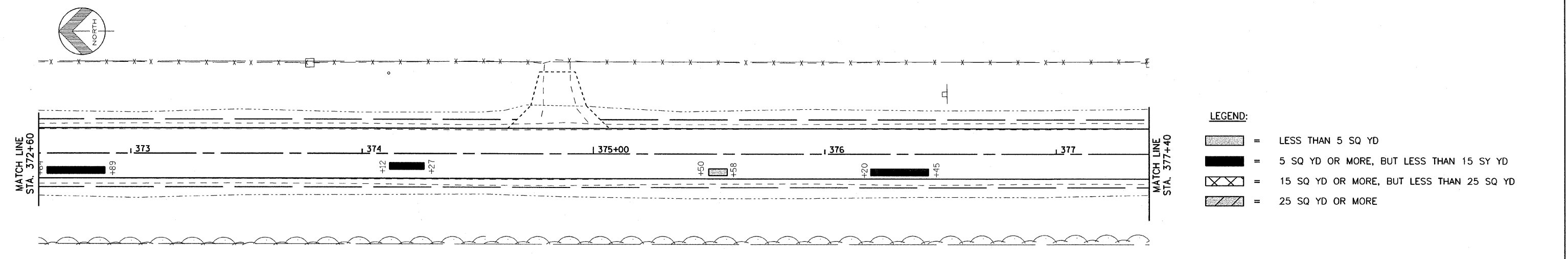
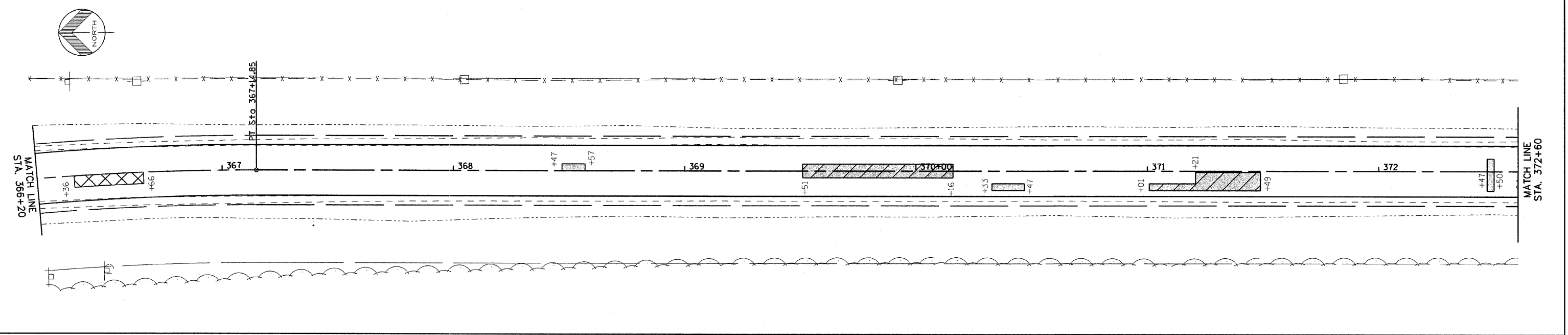
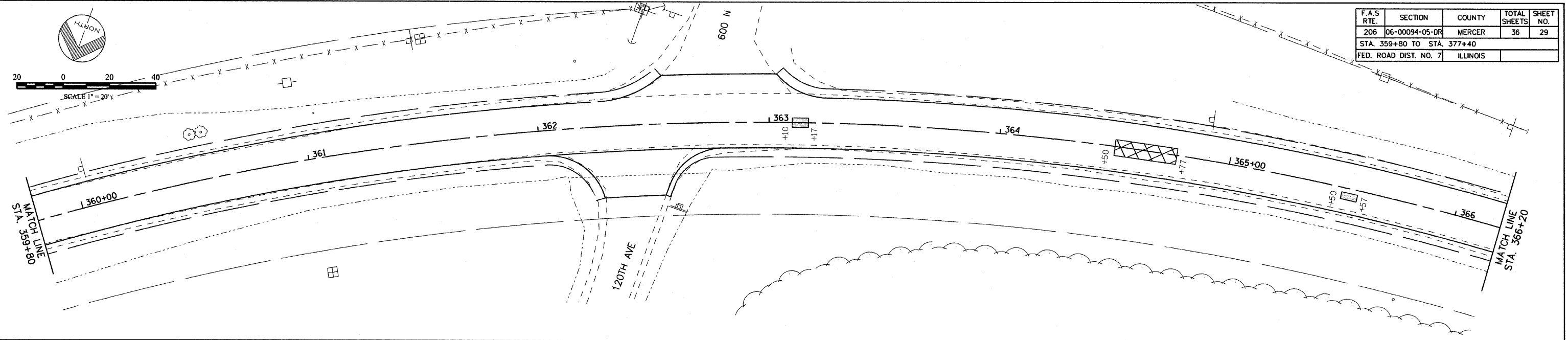
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	28
STA. 342+40 TO STA. 359+80				
FED. ROAD DIST. NO. 7		ILLINOIS		



- LEGEND:**
- = 25 SQ YD OR MORE
 - = 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
 - = 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
 - = LESS THAN 5 SQ YD

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	29
STA. 359+80 TO STA. 377+40				
FED. ROAD DIST. NO. 7		ILLINOIS		

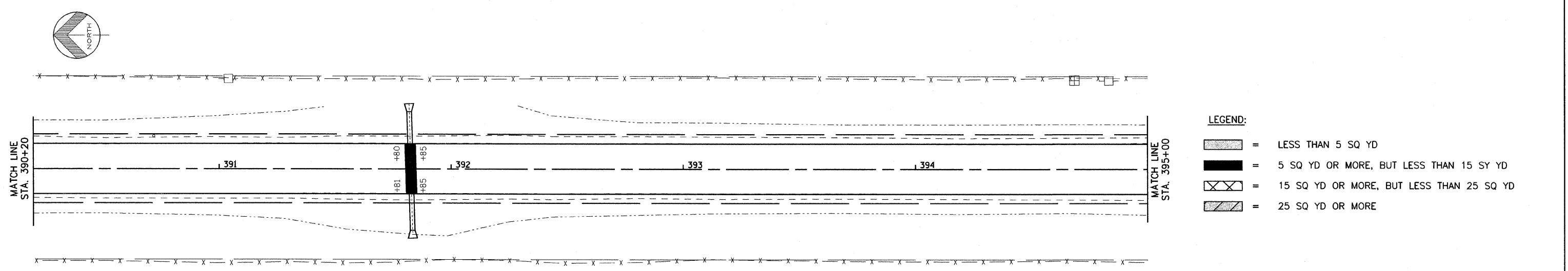
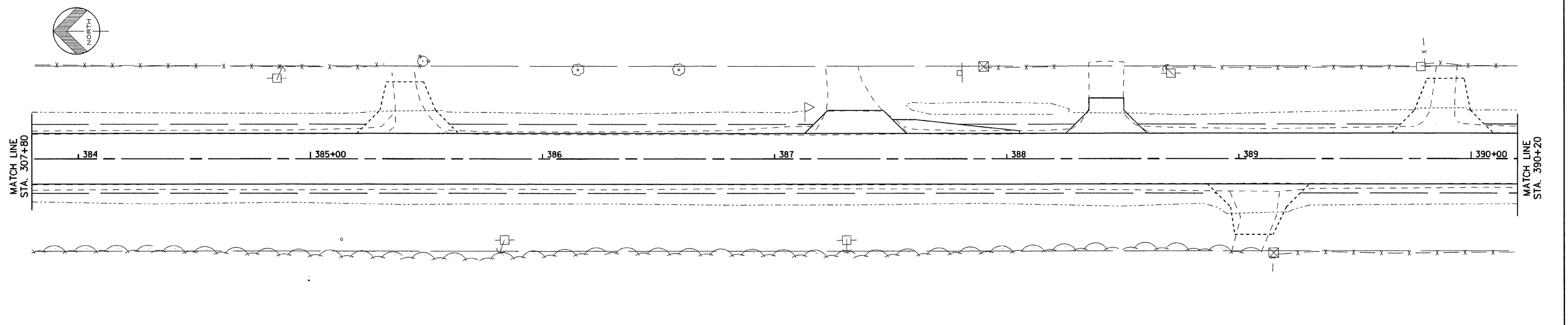
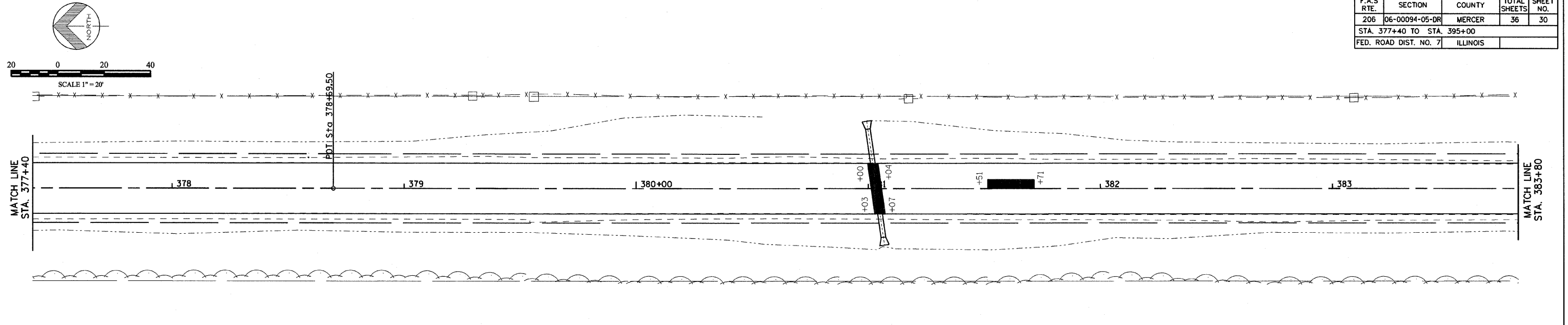


LEGEND:

	= LESS THAN 5 SQ YD
	= 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
	= 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
	= 25 SQ YD OR MORE

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	30
STA. 377+40 TO STA. 395+00				
FED. ROAD DIST. NO. 7 ILLINOIS				

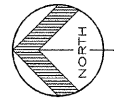


LEGEND:

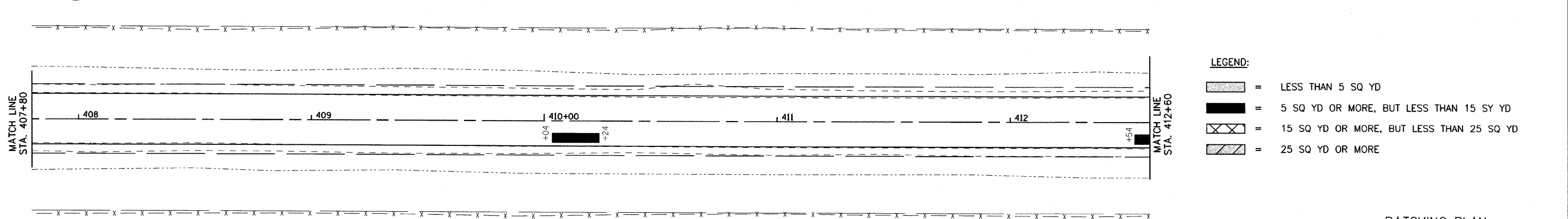
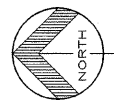
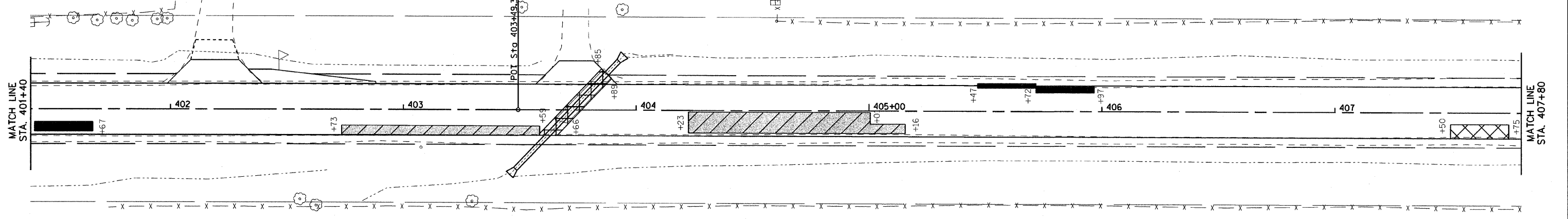
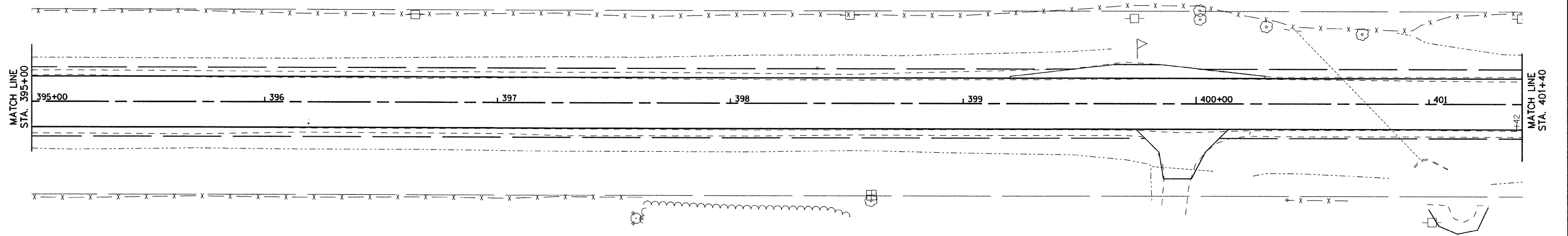
	= LESS THAN 5 SQ YD
	= 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
	= 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
	= 25 SQ YD OR MORE

PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	31
STA. 395+00 TO STA. 412+60				
FED. ROAD DIST. NO. 7 ILLINOIS				



20 0 20 40
SCALE 1" = 20'

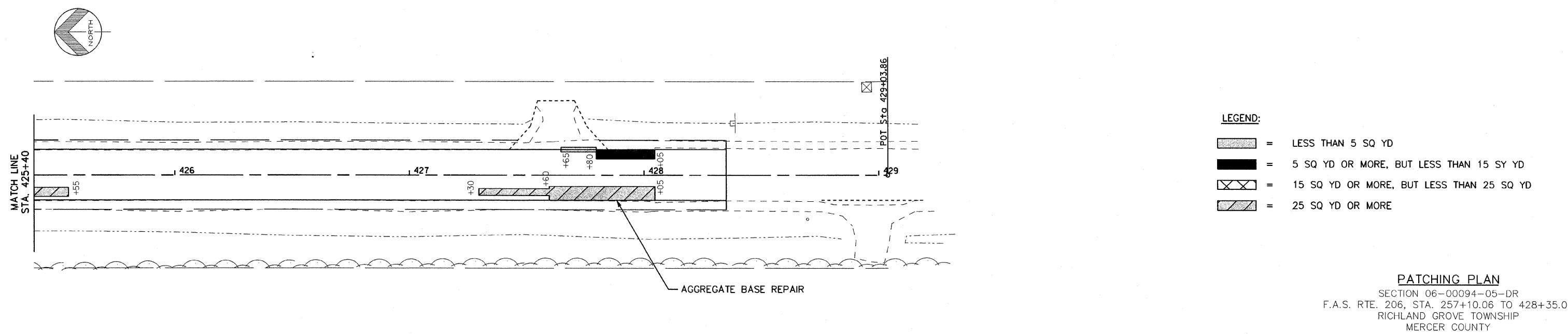
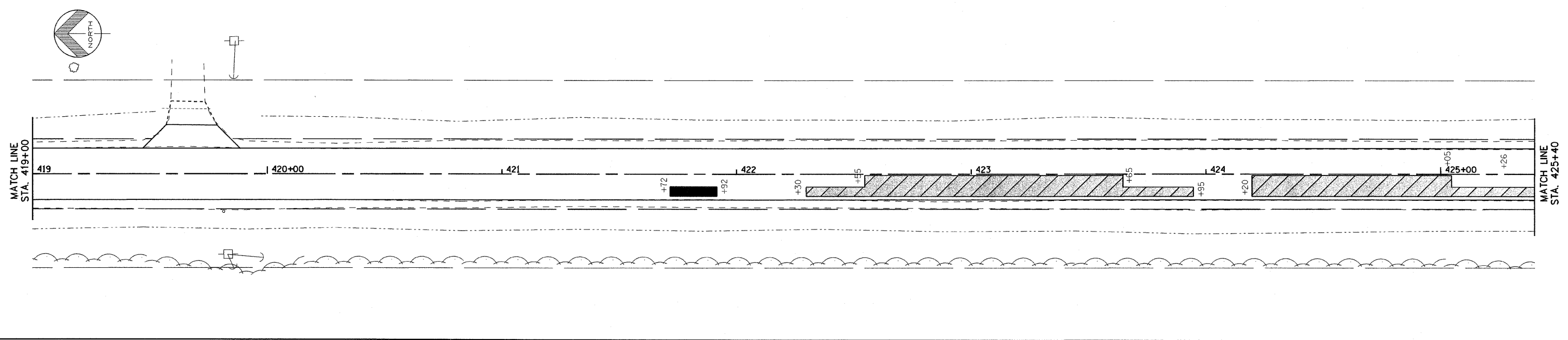
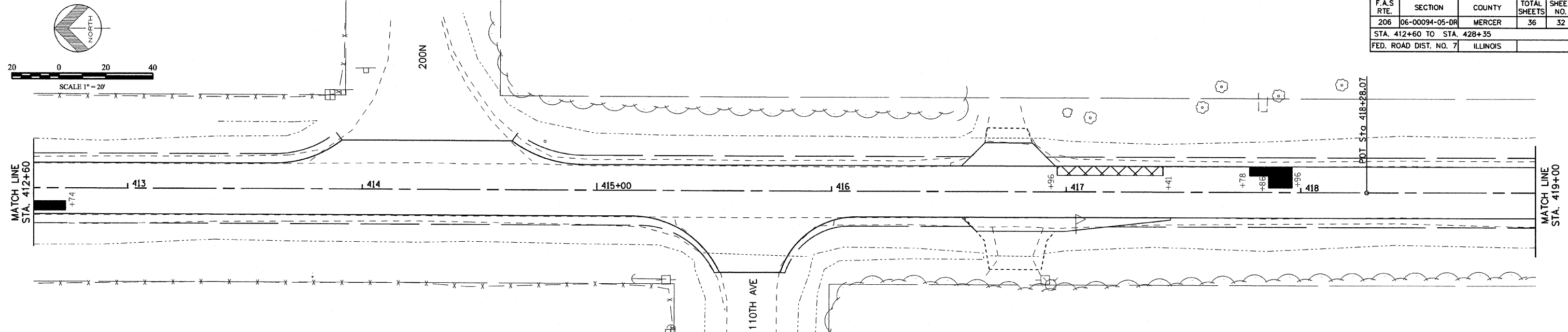


LEGEND:

- = LESS THAN 5 SQ YD
- = 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
- = 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
- = 25 SQ YD OR MORE

PATCHING PLAN
SECTION 06-00094-05-DR
F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
RICHLAND GROVE TOWNSHIP
MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	32
STA. 412+60 TO STA. 428+35				
FED. ROAD DIST. NO. 7 ILLINOIS				

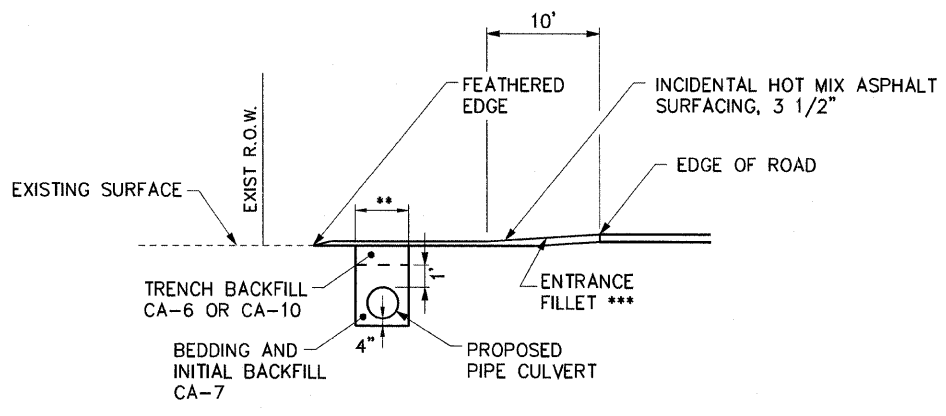
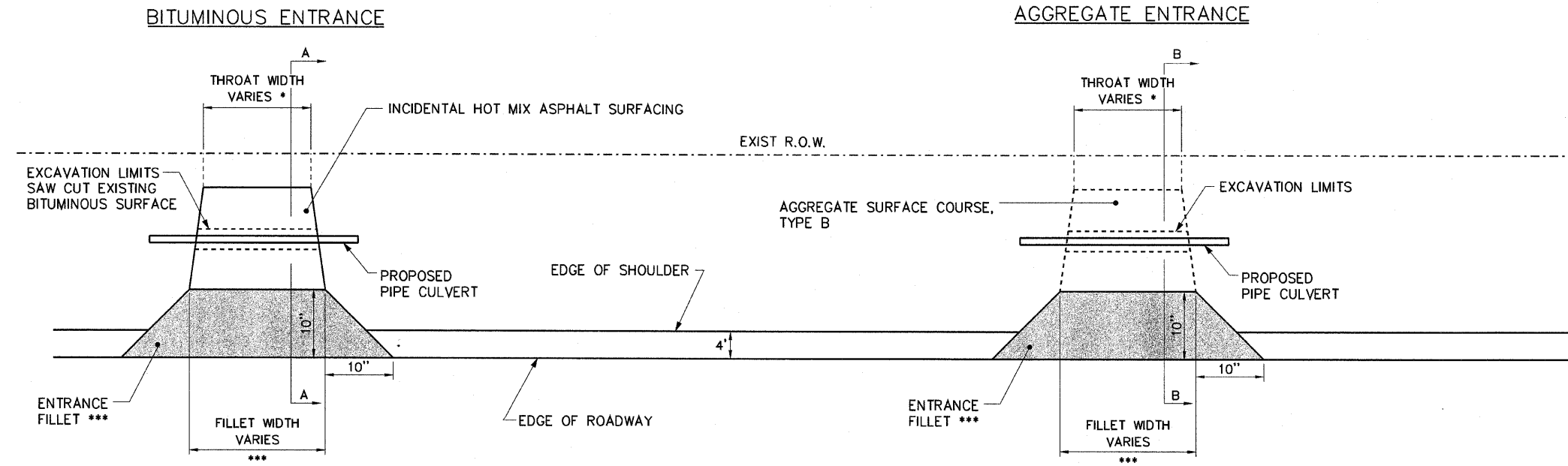


- LEGEND:**
- = LESS THAN 5 SQ YD
 - = 5 SQ YD OR MORE, BUT LESS THAN 15 SY YD
 - = 15 SQ YD OR MORE, BUT LESS THAN 25 SQ YD
 - = 25 SQ YD OR MORE

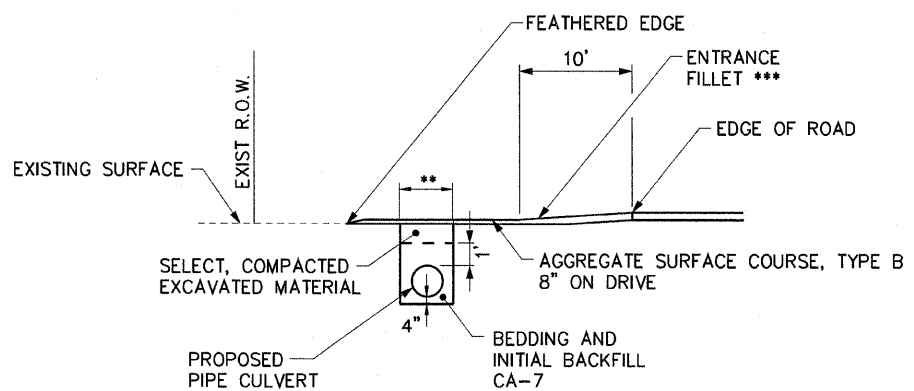
PATCHING PLAN
 SECTION 06-00094-05-DR
 F.A.S. RTE. 206, STA. 257+10.06 TO 428+35.00
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	33
STA. 257+10.06		TO STA. 429+03.86		
FED. ROAD DIST. NO. 7		ILLINOIS		

TYPICAL ENTRANCE DETAILS



SECTION A-A



SECTION B-B

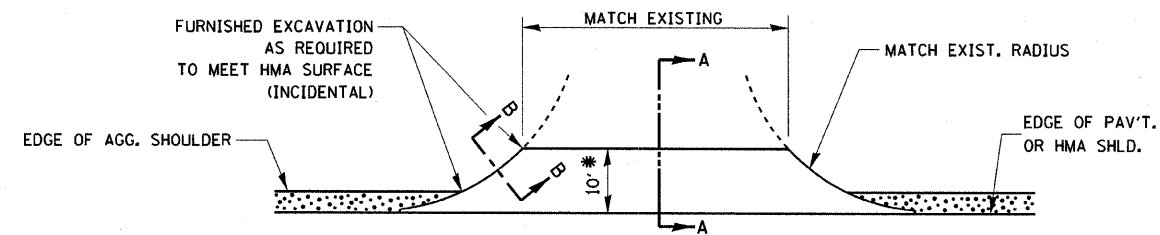
NOTES

- * MATCH EXISTING THROAT WIDTH (PRIVATE ENTRANCES 12' MIN., FIELD ENTRANCES 16' MIN.). SEE PLAN SHEETS FOR ENTRANCE THROAT WIDTHS.
- ** TRENCH WIDTH (See Art. 542.04(b):
 24" DIAMETER AND LESS - TRENCH WIDTH 9" EACH SIDE OF PIPE
 GREATER THAN 24" DIAMETER - TRENCH WIDTH 12" EACH SIDE OF PIPE
- *** ENTRANCE FILLETS:
 FIELD ENTRANCES - 24' WIDTH
 PRIVATE ENTRANCES - AGGREGATE SURFACE COURSE, TYPE B
 MATCH EXISTING FILLET WIDTH (MIN 12')
 INCIDENTAL HMA SURFACE

DETAILS

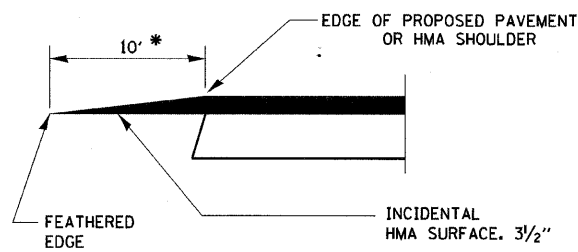
SECTION 06-00094-05-DR
 F.A.S. RTE. 206
 RICHLAND GROVE TOWNSHIP
 MERCER COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	34
STA. 257+10.06		TO STA. 425+35.00		
FED. ROAD DIST. NO. 7		ILLINOIS		

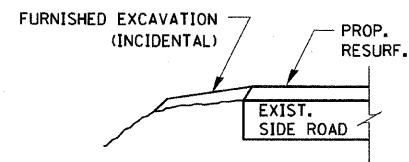


* UNLESS NOTED OTHERWISE ON PLAN.

PLAN AT SIDE ROADS



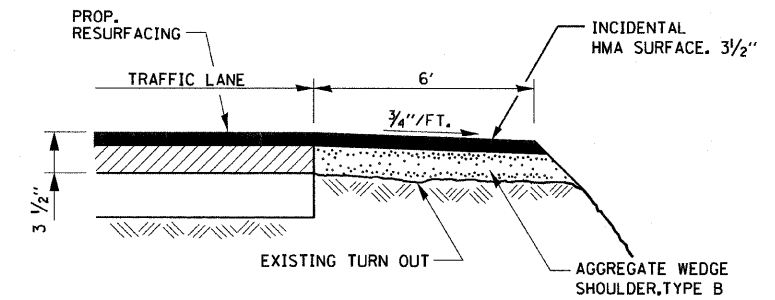
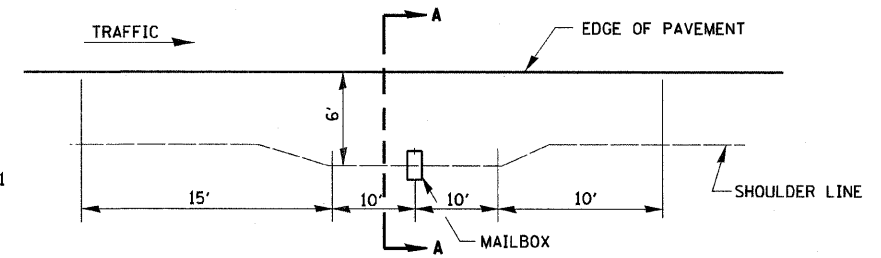
SECTION A-A



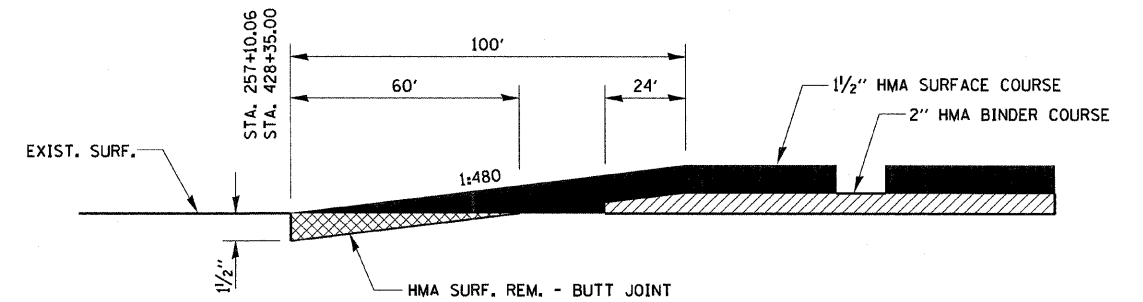
SECTION B-B

DETAILS AT ENTRANCES & SIDE ROADS

NOTE :
SEE STANDARD 406201

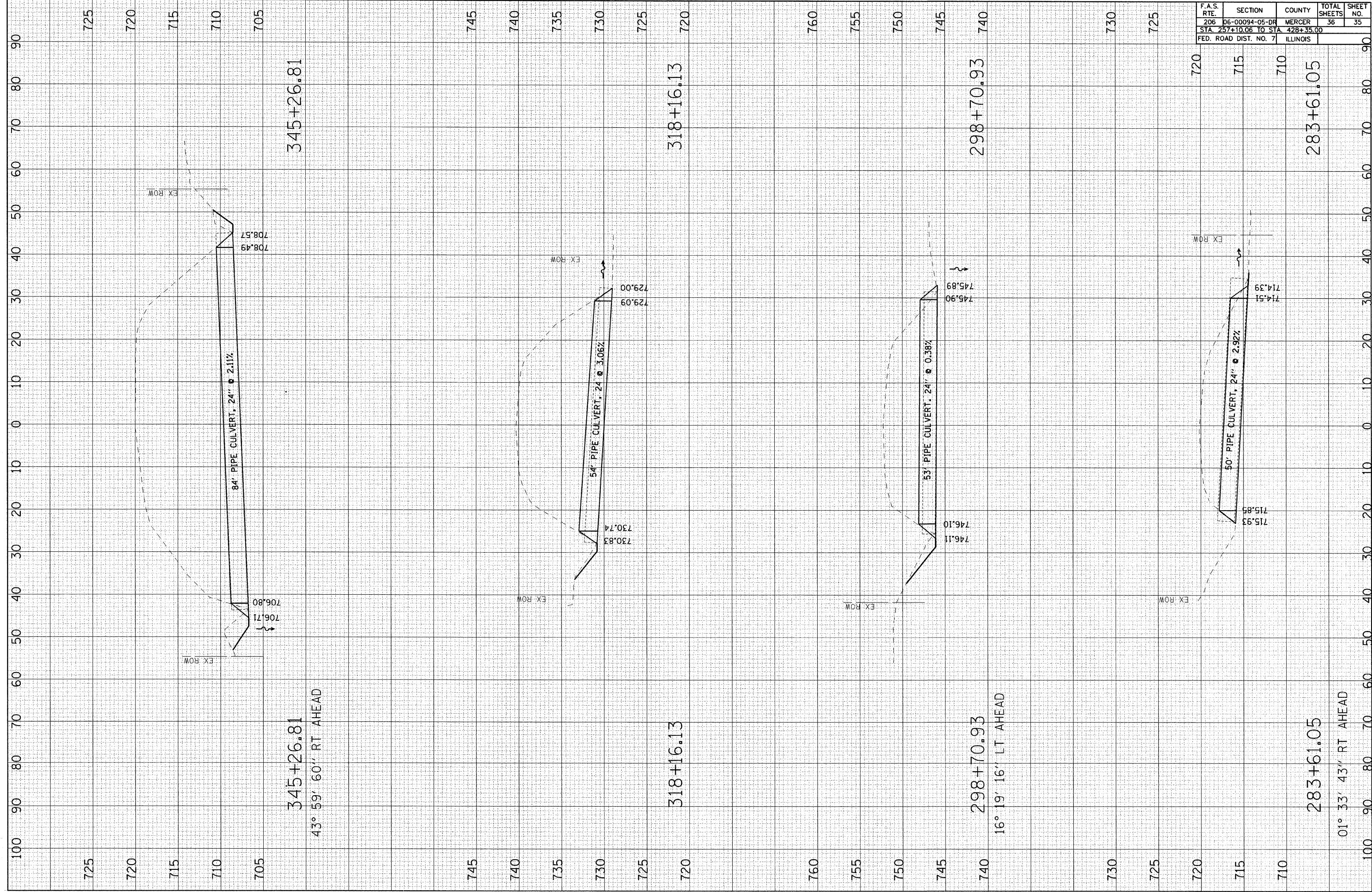


**SECTION A-A
RURAL MAILBOX TURNOUT DETAILS**



**HMA SURFACE REMOVAL
BUTT JOINT**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	06-00094-05-DR	MERCER	36	35
STA. 257+10.06 TO STA. 428+35.00				
FED. ROAD DIST. NO. 7			ILLINOIS	



345+26.81

43° 59' 60" RT AHEAD

318+16.13

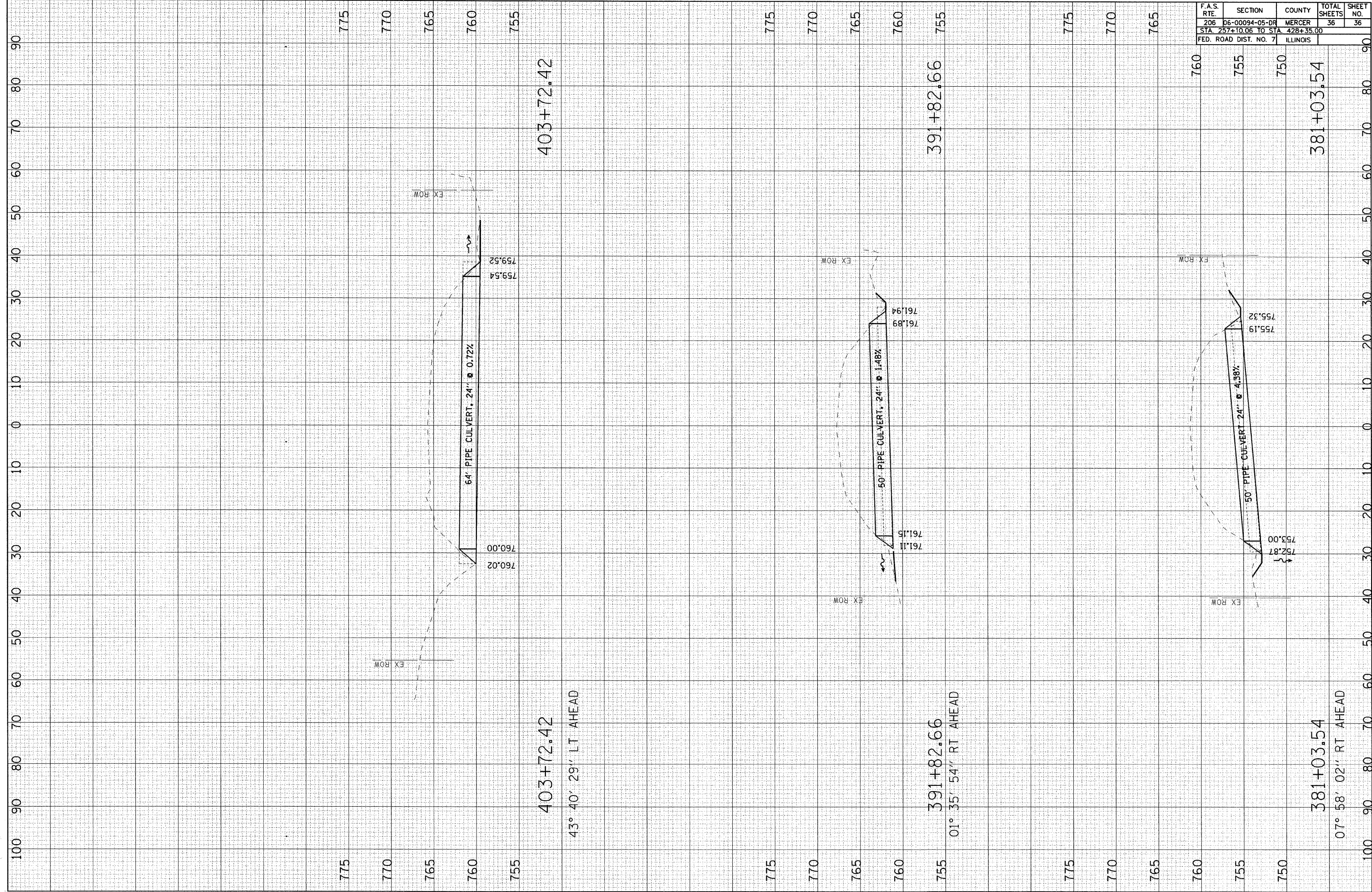
298+70.93

16° 19' 16" LT AHEAD

283+61.05

01° 33' 43" RT AHEAD

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
206	D6-00094-05-DR	MERCER	36	36
STA. 257+10.06 TO STA. 428+35.00				
FED. ROAD DIST. NO. 7			ILLINOIS	



775
770
765
760
755

403+72.42

43° 40' 29" LT AHEAD

775
770
765
760
755

391+82.66

01° 35' 54" RT AHEAD

775
770
765
760
755

381+03.54

07° 58' 02" RT AHEAD