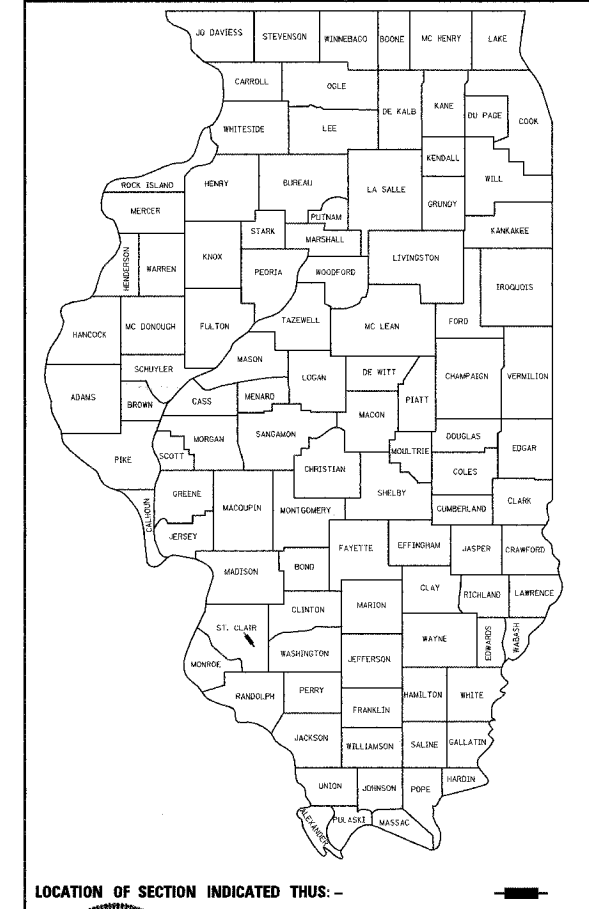


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	393	1
STA. 149+00.00		TO STA. 336+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				
D-98-168-99				

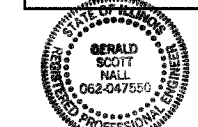
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

**EX. F.A.P. ROUTE 103 (IL. RTE. 1315)  
SECTION 27-1R  
PROJECT NUMBER ACF-0103 ( 063 )  
RECONSTRUCTION FROM GREEN MOUNT ROAD  
TO ROGERS DRIVE  
ST. CLAIR COUNTY  
C-98-089-03**



LOCATION OF SECTION INDICATED THIS: -



*Gerald S. Nall*  
**GERALD S. NALL** 062-047550  
 LICENSED EXPIRES 11/30/2005  
**March 11, 2005** DATE

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

SUBMITTED March 29, 2005  
*Mary C. Lamm*  
**MARY C. LAMM, P.E.** DEPUTY DIRECTOR OF HIGHWAYS  
 REGION FIVE ENGINEER

August 19, 2005  
*Mike Hens*  
**ENGINEER OF DESIGN AND ENVIRONMENT**

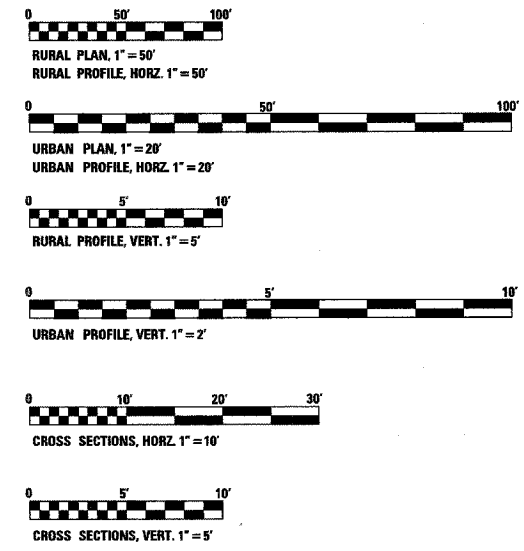
August 15, 2005  
*Victor Maden*  
**DIRECTOR, DIVISION OF HIGHWAYS**

PREPARED BY: **KUHLMANN DESIGN GROUP, BELLVILLE, ILLINOIS**  
 PHONE #: (618) 234-8898

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

**MICROFILMED:  
REEL NUMBER:  
AWARED:  
RESIDENT ENGINEER:  
AS BUILT CHANGES WERE MADE  
ON THE FOLLOWING SHEETS:**

**INDEX OF SHEETS AND LIST OF STDS.  
SEE SHEET 2**



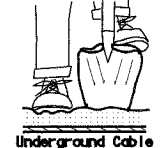
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

**IDOT UTILITIES ARE NOT LOCATED UNDER A J.U.L.I.E.  
LOCATION REQUEST**

**CONTRACT NO. 76300**

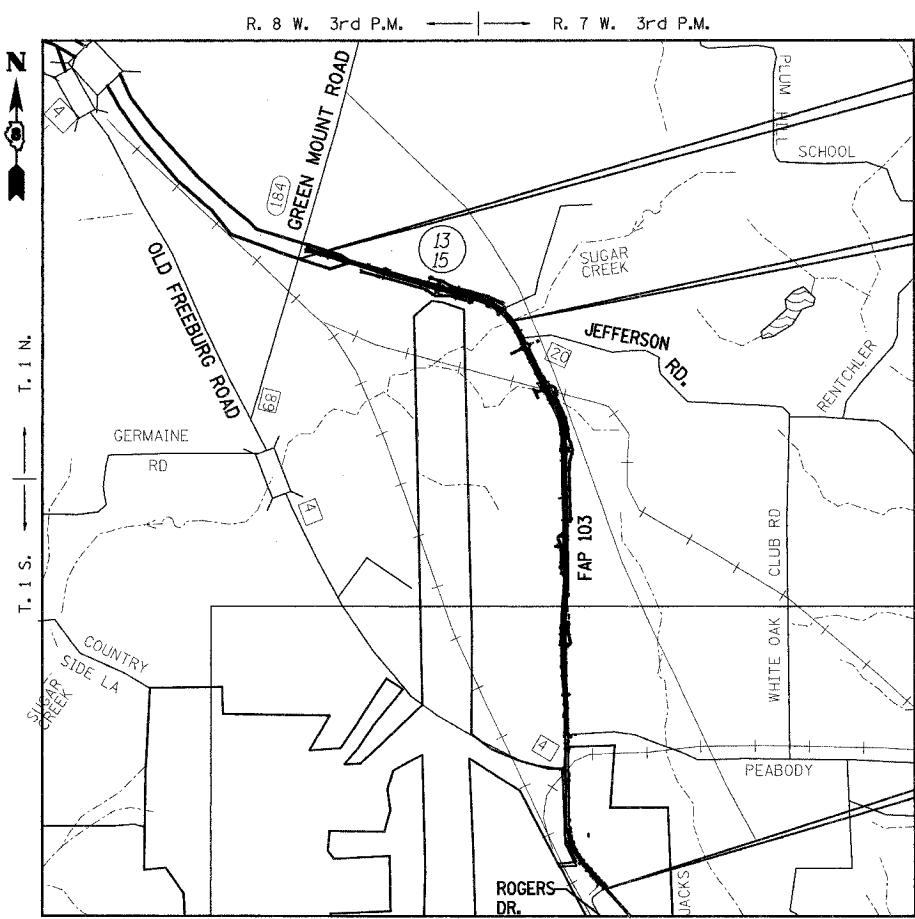
**HOLD IT! CALL BEFORE YOU DIG!  
Phone J.U.L.I.E.**



The owner would like to remind you that underground utility facilities can be damaged by shovel blades or other digging equipment. You can prevent damage or possible personal danger by phoning 800/892-0123 at least 48 hours before you dig. This is the toll-free number for J.U.L.I.E., which stands for Joint Location Information for Excavations.

If there are any pipes, cables, lines or mains in the excavation area, utility personnel will be out to mark the facilities so you can work around them.

Toll Free 800/892-0123



**PROJECT BEGINS  
STA. 149+00.00  
LONGITUDE 89.9394  
LATITUDE 38.4775**

**CONTRACT INCLUDES A  
DOUBLE BARREL 10'X10'  
RCB AT STA. 196+20.39  
OVER SUGAR CREEK  
STRUCTURE NO. 082-2043**  
*SN 082-2026 EXISTING*

**PROJECT ENDS  
STA. 336+00.00  
LONGITUDE 89.9160  
LATITUDE 38.4375**

**LOCATION MAP**

1" = 2,000'  
 GROSS PROJECT LENGTH = 18,700.00 FEET = 3.542 MILES  
 NET PROJECT LENGTH = 18,700.00 FEET = 3.542 MILES  
 ADT: CURRENT (2004) 15,600 20 YR. (2024) 23,400  
 SU: 561.6  
 MU: 624.0

**DESIGN DESIGNATION  
OTHER PRINCIPLE ARTERIAL**

**PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179  
SQUAD LEADER: ART MUEHLFELD (618) 346-3209**



### SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 20% STATE - 80% FEDERAL				
				RURAL SECTION STA 149+00 - 292+57		URBAN SECTION STA 292+57 - 336+00		
				1000-2A	SFTY-3N	X028-2A	1000-2A	SFTY-3N
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	709	589			120	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	675	472			203	
20100500	TREE REMOVAL, ACRES	ACRE	6.75	6.50			0.25	
20200100	EARTH EXCAVATION	CU YD	182203	166025			16178	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	307			307		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	307			307		
20900110	POROUS GRANULAR BACKFILL	CU YD	80				80	
25000200	SEEDING, CLASS 2	ACRE	55.00	51.75			3.25	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3355	3042			313	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3355	3042			313	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3355	3042			313	
25100115	MULCH, METHOD 2	ACRE	55.00	51.75			3.25	
25100630	EROSION CONTROL BLANKET	SQ YD	6928	6928				
25200100	SODDING	SQ YD	9825				9825	
25200200	SUPPLEMENTAL WATERING	UNIT	442.1				442.1	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1375	1350			25	
28000300	TEMPORARY DITCH CHECKS	EACH	597	574			23	
28000400	PERIMETER EROSION BARRIER	FOOT	2730	1830			900	
28000500	INLET AND PIPE PROTECTION	EACH	128	78			50	
28001000	AGGREGATE (EROSION CONTROL)	TON	64.2	64.2				
28100105	STONE RIPRAP, CLASS A3	SQ YD	418				418	
28100107	STONE RIPRAP, CLASS A4	SQ YD	231			231		
28100111	STONE RIPRAP, CLASS A6	SQ YD	114	114				
28100113	STONE RIPRAP, CLASS A7	SQ YD	432	432				
28100709	STONE DUMPED RIPRAP, CLASS A5	SQ YD	2136	2118			18	
28100713	STONE DUMPED RIPRAP, CLASS A7	SQ YD	158	158				
28200200	FILTER FABRIC FOR USE WITH RIPRAP	SQ YD	3210	2969		231	18	
30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	142772	142772				
30201500	LIME	TON	2751	2751				
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	16852				16852	
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	17696	17696				
35101400	AGGREGATE BASE COURSE, TYPE B	TON	1026	497			529	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1225				1225	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	1749	1749				
35800100	PREPARATION OF BASE	SQ YD	6556	4072			2484	
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	142				142	
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	606	606				
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	2421	1162			1259	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	116.9	66.7			50.2	
40600300	AGGREGATE (PRIME COAT)	TON	358	257			101	
40600895	CONSTRUCTING TEST STRIP	EACH	2	1			1	
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	198	59			139	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	309	282			27	

### SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 20% STATE - 80% FEDERAL				
				RURAL SECTION STA 149+00 - 292+57		URBAN SECTION STA 292+57 - 336+00		
				1000-2A	SFTY-3N	X028-2A	1000-2A	SFTY-3N
40600990	TEMPORARY RAMP	SQ YD	146	100			46	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	87				87	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	618				618	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	234				234	
42400610	TEMPORARY SIDEWALK	SQ FT	234				234	
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	34228	22384			11844	
44000010	BITUMINOUS SURFACE REMOVAL 3 1/2"	SQ YD	97	86			11	
44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	4737	4737				
44000100	PAVEMENT REMOVAL	SQ YD	14538	13784			754	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	4367	1480			2887	
44000300	CURB REMOVAL	FOOT	95				95	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1774	1638			136	
44000600	SIDEWALK REMOVAL	SQ FT	1495	1245			250	
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	7483	7483				
44004250	PAVED SHOULDER REMOVAL	SQ YD	13659	10442			3217	
44200188	PAVEMENT PATCHING, TYPE I, 16 INCH	SQ YD	16	16				
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SQ YD	403	327			76	
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SQ YD	172	58			114	
44200198	PAVEMENT PATCHING, TYPE IV, 16 INCH	SQ YD	121	91			30	
44200956	CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	373	373				
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	38	38				
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	24	13			11	
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	34	34				
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	368.0	287			81	
44213100	PAVEMENT FABRIC	SQ YD	406	325			81	
44213200	SAW CUTS	FOOT	4261	3256			1005	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	26758	18072			8686	
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	401	401				
48201200	BITUMINOUS SHOULDER REPAIR	TON	550	469			81	
48202400	BITUMINOUS SHOULDERS SUPERPAVE 6"	SQ YD	676	514			162	
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	59188	51365			7823	
48202840	BITUMINOUS SHOULDERS SUPERPAVE 12"	SQ YD	3864	2693			1171	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1				1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1				1	
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1				
50105200	REMOVE EXISTING CULVERTS	EACH	7	6			1	

• DENOTES SPECIALTY ITEMS

NOTE: WATER APPLICATION RATE PER IDOT STD. - 0.015 UNITS/SQ YD @ 12 INCH DEPTH

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

### SUMMARY OF QUANTITIES SHEET 1 OF 4 SHEETS

F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.

SCALE: DATE March 21, 2005 DRAWN BY YBA CHECKED BY RCY

### SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
				20% STATE - 80% FEDERAL		URBAN SECTION	
				RURAL SECTION STA 149+00 - 292+57	X020-2A	STA 292+57 - 336+00	SFTY-3N
50105220	PIPE CULVERT REMOVAL	FOOT	2726	1554		1172	
51205200	TEMPORARY SHEET PILING	SQ FT	3600	3600			
51500100	NAME PLATES	EACH	1		1		
54001001	BOX CULVERT END SECTION, CULVERT NO. 1	EACH	2	2			
54001002	BOX CULVERT END SECTION, CULVERT NO. 2	EACH	2	2			
54001003	BOX CULVERT END SECTION, CULVERT NO. 3	EACH	2		2		
54001004	BOX CULVERT END SECTION, CULVERT NO. 4	EACH	2	2			
54001005	BOX CULVERT END SECTION, CULVERT NO. 5	EACH	2	2			
54001006	BOX CULVERT END SECTION, CULVERT NO. 6	EACH	4	4			
54001007	BOX CULVERT END SECTION, CULVERT NO. 7	EACH	2	2			
54001008	BOX CULVERT END SECTION, CULVERT NO. 8	EACH	2			2	
54001009	BOX CULVERT END SECTION, CULVERT NO. 9	EACH	1			1	
54001010	BOX CULVERT END SECTION, CULVERT NO. 10	EACH	1			1	
54001011	BOX CULVERT END SECTION, CULVERT NO. 11	EACH	1			1	
54001012	BOX CULVERT END SECTION, CULVERT NO. 12	EACH	2	2			
54010202	PRECAST CONCRETE BOX CULVERT 2' X 2'	FOOT	161	161			
54010302	PRECAST CONCRETE BOX CULVERT 3' X 2'	FOOT	276	276			
54010303	PRECAST CONCRETE BOX CULVERT 3' X 3'	FOOT	270	270			
54010402	PRECAST CONCRETE BOX CULVERT 4' X 2'	FOOT	760			760	
54010403	PRECAST CONCRETE BOX CULVERT 4' X 3'	FOOT	182	182			
54010602	PRECAST CONCRETE BOX CULVERT 6' X 2'	FOOT	408			408	
54010606	PRECAST CONCRETE BOX CULVERT 6' X 6'	FOOT	191	191			
54011010	PRECAST CONCRETE BOX CULVERT 10' X 10'	FOOT	307.5		307.5		
54020202	PRECAST CONCRETE BOX CULVERT 2' X 2' (M273)	FOOT	30	30			
54020402	PRECAST CONCRETE BOX CULVERT 4' X 2' (M273)	FOOT	100	100			
54200220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	72			72	
54200430	PIPE CULVERTS, TYPE 1 RCCP 15"	FOOT	269	269			
54200433	PIPE CULVERTS, TYPE 1 RCCP 18"	FOOT	309	157		152	
54200439	PIPE CULVERTS, TYPE 1 RCCP 24"	FOOT	1793	1520		273	
54200451	PIPE CULVERTS, TYPE 1 RCCP 36"	FOOT	110	88		22	
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT	FOOT	597	450		147	
	CULVERT PIPE 15"						
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT	FOOT	180	180			
	CULVERT PIPE 18"						
54200649	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT	FOOT	229	229			
	CULVERT PIPE 24"						
54200655	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT	FOOT	154	17		137	
	CULVERT PIPE 30"						
54200661	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT	FOOT	111			111	
	CULVERT PIPE 36"						
54201279	PIPE CULVERTS, TYPE 2 RCCP 24"	FOOT	202	202			
54206739	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT	FOOT	128	128			
	ROUND-SIZE 24"						
5421C012	PIPE CULVERTS, CLASS C, TYPE 1 12" (TEMPORARY)	FOOT	518	518			
5421C015	PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMPORARY)	FOOT	563	563			
5421C018	PIPE CULVERTS, CLASS C, TYPE 1 18" (TEMPORARY)	FOOT	161	161			
5421C024	PIPE CULVERTS, CLASS C, TYPE 1 24" (TEMPORARY)	FOOT	264	264			

### SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
				20% STATE - 80% FEDERAL		URBAN SECTION	
				RURAL SECTION STA 149+00 - 292+57	SFTY-3N	STA 292+57 - 336+00	SFTY-3N
5421C030	PIPE CULVERTS, CLASS C, TYPE 1 30" (TEMPORARY)	FOOT	74	74			
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	7	7			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	12	4		8	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	29	19		10	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	2		2	
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	2	2			
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 24"	EACH	3	3			
54214725	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 30"	EACH	1			1	
54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	1			1	
54215430	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30"	EACH	1			1	
54215550	METAL END SECTIONS 15"	EACH	10	2		8	
54215559	METAL END SECTIONS 24"	EACH	6	6			
54215565	METAL END SECTIONS 30"	EACH	4			4	
54215571	METAL END SECTIONS 36"	EACH	4			4	
54246305	INLET BOX, STANDARD 542526 (SPECIAL)	EACH	1	1			
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	10	2		8	
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	15	7		8	
54248130	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 24"	EACH	1	1			
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	195			195	
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	15			15	
55034200	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	503			503	
55034500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 38, RISE 24	FOOT	64			64	
55100500	STORM SEWER REMOVAL 12"	FOOT	197			197	
55101200	STORM SEWER REMOVAL 24"	FOOT	437			437	
55101300	STORM SEWER REMOVAL 27"	FOOT	58			58	
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	149	134		15	
60107700	PIPE UNDERDRAINS 6"	FOOT	59071	50385		8686	
60107800	PIPE UNDERDRAINS 8"	FOOT	661	661			
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	2009	1793		216	

• DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
**SHEET 2 OF 4 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.

SCALE:    DRAWN BY YBA  
 DATE March 11, 2005                          CHECKED BY RCY

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### SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 20% STATE - 80% FEDERAL			
				RURAL SECTION STA 149+00 - 292+57		URBAN SECTION STA 292+57 - 336+00	
				I000-2A	SFTY-3N	I000-2A	SFTY-3N
60108300	PIPE UNDERDRAINS 8" (SPECIAL)	FOOT	34	34			
60218400	MANHOLES, TYPE A, 4' - DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	1		2	
60218500	MANHOLES, TYPE A, 4' - DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2			2	
60219540	MANHOLES, TYPE A, 4' - DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1			1	
60220105	MANHOLES, TYPE A, 4' - DIAMETER, WITH MEDIAN INLET (604106)	EACH	3	3			
60223800	MANHOLES, TYPE A, 6' - DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2	
60223810	MANHOLES, TYPE A, 6' - DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4			4	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	6			6	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	5			5	
60240366	INLETS, TYPE B, WITH MEDIAN INLET (604106)	EACH	6	5		1	
60246605	MEDIAN INLET (604101)	EACH	5	5			
60246805	MEDIAN INLET (604106)	EACH	3	3			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3			3	
60500040	REMOVING MANHOLES	EACH	3			3	
60500060	REMOVING INLETS	EACH	4	2		2	
60600605	CONCRETE CURB, TYPE B	FOOT	530			530	
60600805	CONCRETE CURB, TYPE B (DOWELLED)	FOOT	1284	1284			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3209	954		2255	
60617800	PAVED FLUME	FOOT	10			10	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	11683	11683			
60619000	CONCRETE MEDIAN, TYPE SB (MODIFIED)	SQ FT	3606	1500		2106	
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	512.5	512.5			
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2			
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2	2			
63200310	GUARDRAIL REMOVAL	FOOT	2803	2803			
63500105	DELINEATORS	EACH	162	162			
64200105	SHOULDER RUMBLE STRIPS	FOOT	59327	50950		8377	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	172	140		32	
66700045	PERMANENT SURVEY MARKERS	EACH	29	24		5	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	349	349			
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	30	30			
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	30	30			
67100100	MOBILIZATION	L SUM	1	1			
70100304	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	EACH	3	3			
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1				
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1			1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	35			35	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	15322	11816		3506	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	625	435		190	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	139240	102425		36815	

### SUMMARY OF QUANTITIES

CONTRACT NO. 76300  
CONSTRUCTION TYPE CODE  
20% STATE - 80% FEDERAL

CODE	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 20% STATE - 80% FEDERAL			
				RURAL SECTION STA 149+00 - 292+57		URBAN SECTION STA 292+57 - 336+00	
				I000-2A	SFTY-3N	I000-2A	SFTY-3N
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	165	165			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	431	226		205	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	362	326		36	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1360	1170		190	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	17615	14114		3501	
70400500	TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	1140	950		190	
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	430	300		130	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	1064	902		162	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	234	208		26	
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	3		3	
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	11	7		4	
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	343	235		108	
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	34	34			
* 72500100	OBJECT MARKER - TYPE 1	EACH	15	15			
* 72900200	METAL POST - TYPE B	FOOT	580	555		25	
* 73000100	WOOD SIGN SUPPORT	FOOT	2313	1961		352	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	960	702		258	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	135899	115573		20326	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	997	739		258	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	650	482		168	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	604	484		120	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1510	1238		272	
* 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	11	11			
* 78200300	PRISMATIC CURB REFLECTOR	EACH	60	60			
* 78200405	GUARDRAIL MARKERS	EACH	20	20			
* 78200500	BARRIER WALL MARKERS	EACH	342	285		57	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	12824	7674		5150	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	382	262		120	
X5400650	PRECAST CONCRETE BOX CULVERT 3.5' X 1.5'	FOOT	190			190	
X0325111	PAVED DITCH (MODIFIED)	FOOT	250			250	
* 81400115	HANDHOLE TO BE ADJUSTED	EACH	1	1			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	710	710			
* A2001014	TREE, ACER RUBRUM (RED MAPLE), 1 -3/4" CALIPER, BALLED AND BURLAPPED	EACH	14	14			

\* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
**SHEET 3 OF 4 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: \_\_\_\_\_ DRAWN BY YBA  
 DATE March 21, 2005 CHECKED BY RCY

# SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	6
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____		
CONTRACT NO. 76300				

## CONSTRUCTION TYPE CODE 20% STATE - 80% FEDERAL

CODE	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
				RURAL SECTION STA 149+00 - 292+57		URBAN SECTION STA 292+57 - 336+00	
				1000-2A	SFTY-3N	1000-2A	SFTY-3N
• A2006814	TREE, QUERCUS MUEHLENDERBERGII (CHINKAPIN OAK), 1 - 3/4" CALIPER, BALLED AND BURLAPPED	EACH	3	3			
• A2006914	TREE, QUERCUS PALUSTRIS (PIN OAK), 1 - 3/4" CALIPER, BALLED AND BURLAPPED	EACH	20	20			
• A2007114	TREE, QUERCUS RUBRA (RED OAK), 1 - 3/4" CALIPER, BALLED AND BURLAPPED	EACH	6	5		1	
• B2000412	TREE, ACER GRISEUM (PAPERBARK MAPLE), 1 - 1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	214	188		26	
• B2001114	TREE, CERCI CANADENS (EASTERN REDBUD), 1 - 3/4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	277	241		36	
• B2003114	TREE, MALUS CORALBURST (CORALBURST CRAB APPLE), 1 - 3/4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	78	66		12	
• B2004114	TREE, MALUS PRAIRIFIRE (PRAIRIFIRE CRAB APPLE), 1 - 3/4" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	59	56		3	
XX005113	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N90	TON	473	244		229	
X0225110	BIAXIAL GEOGRID	SQ YD	5635	5635			
X0322729	MATERIAL TRANSFER DEVICE	TON	11192	8930		2262	
X3560164	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 12 1/2 INCHES	SQ YD	2659	2497		162	
X4066428	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" , N90	TON	4902	2677		2225	
X4066618	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90	TON	19106	6946		12160	
X4066775	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N90	TON	1606	1204		402	
X4073061	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 9"	SQ YD	26458	26045		413	
X4073161	BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 14"	SQ YD	55265	55265			
X4421000	PARTIAL DEPTH PATCHING	TON	18	16		2	
X4510125	WIDE CRACK ROUTING (PAVEMENT)	FOOT	264	179		85	
X4510150	WIDE CRACK FILLING	POUND	504	336		168	
• X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	90	60		30	
• X7200400	WORK ZONE PUBLIC INFORMATION SIGNS	EACH	4	2		2	
* Z004990	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO.1	L SUM	1	1			
* Z0007601	BUILDING REMOVAL NO.1	L SUM	1	1			
Z0013825	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	286			286	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0017100	DOWEL BARS	EACH	1458	1301		157	
Z0022800	FENCE REMOVAL	FOOT	2981	2431		550	
• Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON REDIRECTIVE), TEST LEVEL 3	EACH	14		12		2
• Z0030350	IMPACT ATTENUATORS, RELOCATE (NON REDIRECTIVE), TEST LEVEL 3	EACH	6		4		2
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	7	6		1	
Z0075300	TIE BARS	EACH	129	129			
Z0032900	LAND SECTION MARKERS	EACH	8	7		1	

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

### SUMMARY OF QUANTITIES SHEET 4 OF 4 SHEETS

F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.

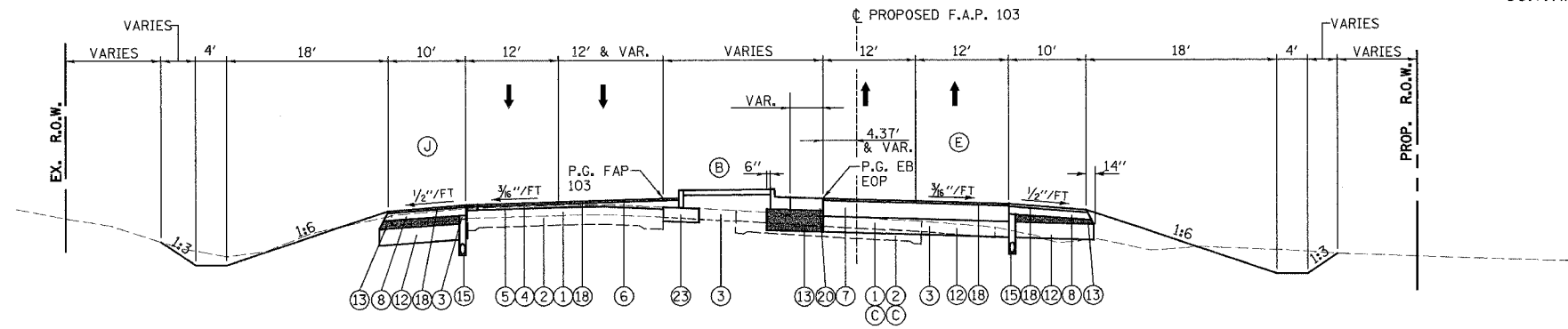
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DATE March 21, 2005	CHECKED BY RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
<b>CONTRACT NO. 76300</b>				

**LEGEND**

- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- ⑤ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90 - 1-1/2"
- ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 2-1/4" MINIMUM
- ⑦ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 14"
- ⑧ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑨ PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 12- 1/2 "
- ⑩ PROPOSED CCC&G TY.B6.24
- ⑪ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑫ PROPOSED LIME MODIFICATION -12"
- ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑭ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12- 1/2 "
- ⑮ PROPOSED PIPE UNDERDRAINS
- ⑯ PROPOSED INCIDENTAL BITUMINOUS SURFACING, N90 - 2" MINIMUM
- ⑰ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B - 12" MINIMUM
- ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) WITH AGGREGATE (PRIME COAT)
- ⑲ PROPOSED AGGREGATE SURFACE COURSE, TYPE-A - 6"
- ⑳ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ㉑ PROPOSED CONCRETE CURB, TYPE B (DOWELLED)
- ㉒ PROPOSED SAND FILL
- ㉓ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12"
- ㉔ PROPOSED CONCRETE MEDIAN, TYPE SB (MODIFIED)
- ㉕ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 9"
- ㉖ PROPOSE STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - CONSTRUCT MINIMUM 2" SURFACE COURSE ON EXISTING SHOULDER
- PROPOSED BITUMINOUS CONCRETE PAVEMENT FULL DEPTH SUPERPAVE, 14" SHALL CONSIST OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", NO - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 12".
- CONSTRUCT FINAL 2" LIFT AFTER PLACING SURFACE COURSE ON ADJACENT PAVEMENT.
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N90 - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 7"

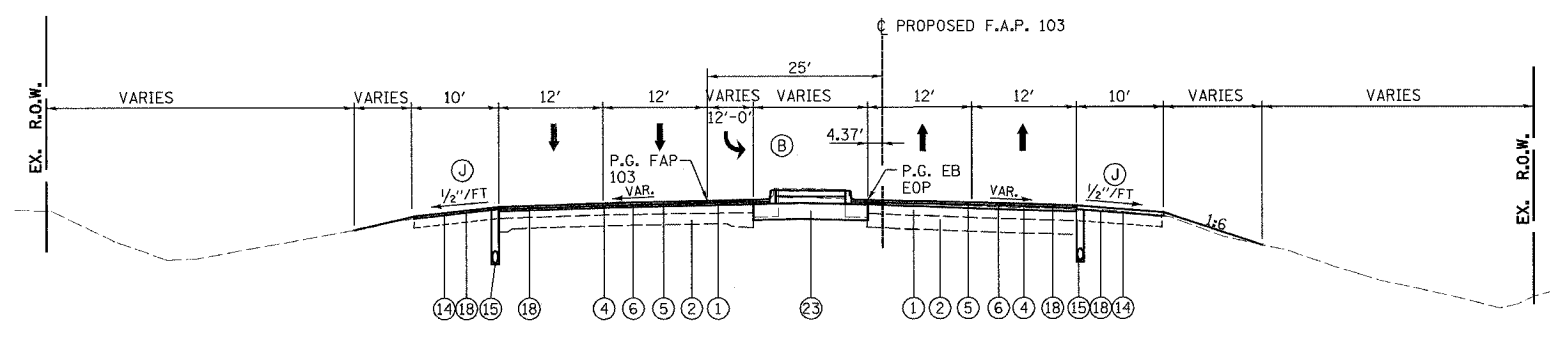


**TYPICAL 4-LANE DIVIDED-RAISED MEDIAN**

STATION 153+92.00 TO 162+94.13

- (B) SEE INTERSECTION DETAIL, SHEET 173 FOR LIMITS AND DETAILS OF CONCRETE MEDIAN.
- (C) SEE CONSTRUCTION PLAN SHEET 54 FOR LIMIT OF PAVEMENT REMOVAL.
- (E) RT. LANES SUPER-ELEVATED: STATION 160+45.07 TO 161+83.66
- (J) MILL EXISTING BITUMINOUS SHOULDER AS NECESSARY TO PROVIDE MINIMUM 2" BITUMINOUS CONCRETE SURFACE CSE., SUPERPAVE OVERLAY TO THE FINAL LINES SHOWN ON THE PLANS.

**NOTES**  
 APPLY STRIP REFLECTIVE CRACK CONTROL ON TOP OF THE EXISTING LONGITUDINAL PAVEMENT JOINT DOWN THE CENTER OF REMAINING EXISTING PAVEMENT AND ON TOP OF ALL NEW LONGITUDINAL JOINTS BETWEEN EXISTING PAVEMENT AND PROPOSED PAVEMENT WIDENING.  
  
 THE MAXIMUM ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 0.08'/FT.  
  
 SEE SHEET 16 FOR LOCATIONS REQUIRING SPECIAL DEPTH PROPOSED BITUMINOUS SURFACE REMOVAL.  
  
 SHOULDER SUBGRADE FOR LIME MODIFIED SOILS SHALL BE SLOPED AT THE SAME RATE AS THE PAVEMENT SLOPE (TYPICALLY 3/8"/FT). WHEN CONSTRUCTED ADJACENT TO NEW TANGENT PAVEMENTS.



**TYPICAL 4-LANE DIVIDED-RAISED MEDIAN**

STATION 149+00.00 TO 153+92.00

- (A) SEE BUTT JOINT DETAIL, SHEET 164 FOR LIMITS OF BINDER COURSE.
- (B) SEE INTERSECTION DETAIL, SHEET 173 FOR LIMITS AND DETAILS OF CONCRETE MEDIAN.
- (J) MILL EXISTING BITUMINOUS SHOULDER AS NECESSARY TO PROVIDE MINIMUM 2" BITUMINOUS CONCRETE SURFACE CSE., SUPERPAVE OVERLAY TO THE FINAL LINES SHOWN ON THE PLANS.

5 - LANE SECTION	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2015
PV= 93.3	SU= 4.2 MU= 2.5
ROAD/STREET CLASSIFICATION:	CLASS I-OTHER PRINC. ARTER.
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 32	S= 45 M= 45
TRAFFIC FACTOR:	ACTUAL TF= 3.1 AC TYPE=
	MINIMUM TF= 4.3
PG GRADE:	BINDER= 64-22 SURFACE= 64-22
SUBGRADE SUPPORT RATING:	
IBR= 3	(STA. 298+86.67 TO 334+90)
SSR= POOR	(STA. 298+86.67 TO 334+90)

4 - LANE DIVIDED HWY	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2015
PV= 92.4	SU= 3.6 MU= 4.0
ROAD/STREET CLASSIFICATION:	CLASS I-OTHER PRINC. ARTER.
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 32	S= 45 M= 45
TRAFFIC FACTOR:	ACTUAL TF= 4.0 AC TYPE=
	MINIMUM TF= 4.27
PG GRADE:	BINDER= 64-22 SURFACE= 64-22
SUBGRADE SUPPORT RATING:	
IBR= 3	(STA. 160+00 TO 298+86.67)
SSR= POOR	(STA. 160+00 TO 298+86.67)

ACCESS ROADS	
STRUCTURAL DESIGN TRAFFIC:	
MINIMUM DESIGN THICKNESS	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
**SHEET 1 OF 5 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: NONE DRAWN BY CRO  
 DATE February 11, 2005 CHECKED BY RCY

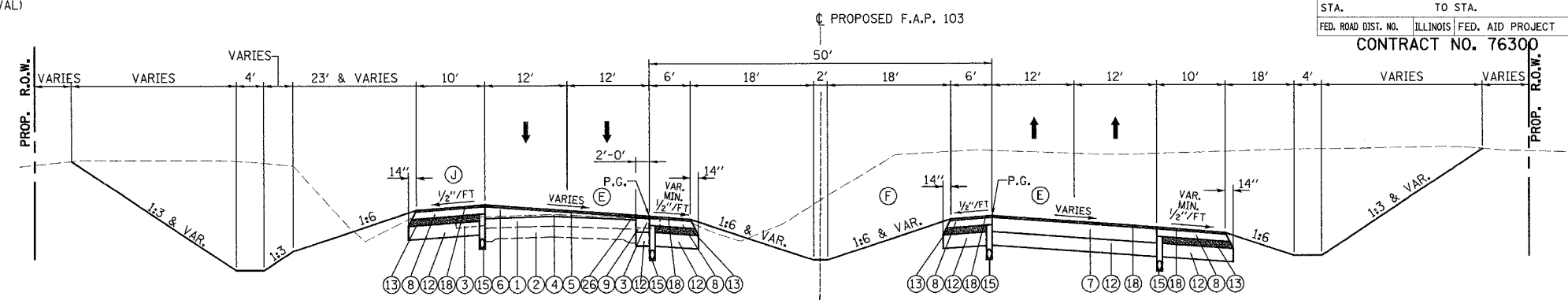
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76300

**LEGEND**

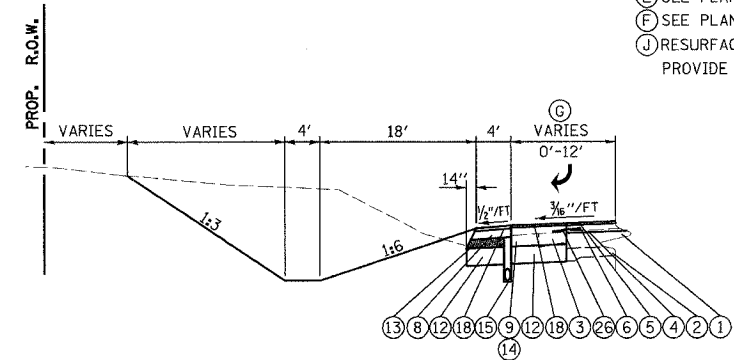
- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- ⑤ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90 - 1-1/2"
- ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 2-1/4" MINIMUM
- ⑦ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 14"
- ⑧ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑨ PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 12- 1/2 "
- ⑩ PROPOSED CCC&G TY.B6.24
- ⑪ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
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- ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
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- ⑯ PROPOSED INCIDENTAL BITUMINOUS SURFACING, N90 - 2" MINIMUM
- ⑰ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B - 12" MINIMUM
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- ⑲ PROPOSED AGGREGATE SURFACE COURSE, TYPE-A - 6"
- ⑳ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ㉑ PROPOSED CONCRETE CURB, TYPE B (DOWELLED)
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- ㉓ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12"
- ㉔ PROPOSED CONCRETE MEDIAN, TYPE SB (MODIFIED)
- ㉕ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 9"
- ㉖ PROPOSE STRIP REFLECTIVE CRACK CONTROL TREATMENT
- CONSTRUCT MINIMUM 2" SURFACE COURSE ON EXISTING SHOULDER
- PROPOSED BITUMINOUS CONCRETE PAVEMENT FULL DEPTH SUPERPAVE, 14" SHALL CONSIST OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", NO - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 12".
- CONSTRUCT FINAL 2" LIFT AFTER PLACING SURFACE COURSE ON ADJACENT PAVEMENT.
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N90 - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 7"



**TYPICAL 4-LANE DIVIDED - OVERLAY - SUPER-ELEVATED**

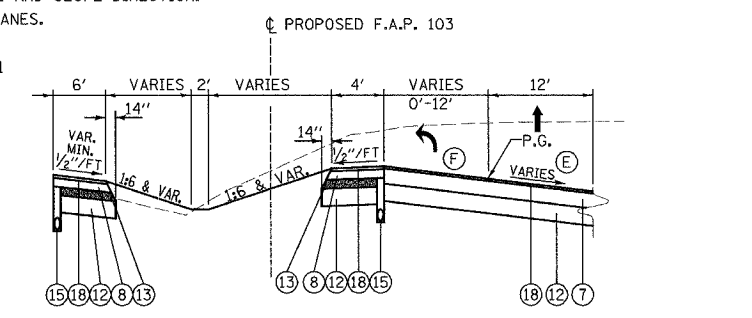
STATION 188+21.48 TO 190+50.00    STATION 259+96.89 TO 262+10.00  
 STATION 201+50.00 TO 204+33.71    STATION 271+90.00 TO 274+67.66  
 STATION 230+00.00 TO 231+34.27

- Ⓔ SEE PLAN SHEETS 26, 27, 29, 31 AND 32 FOR SUPER-ELEVATION RATE AND SLOPE DIRECTION.
- Ⓕ SEE PLAN SHEETS 28, 29, 31 AND 32 FOR LOCATION OF LEFT-TURN LANES.
- Ⓖ RESURFACE EXISTING BITUMINOUS SHOULDER AND PAVEMENT TO PROVIDE 10' BITUMINOUS SHOULDER STATION 203+00.00 TO 204+33.71



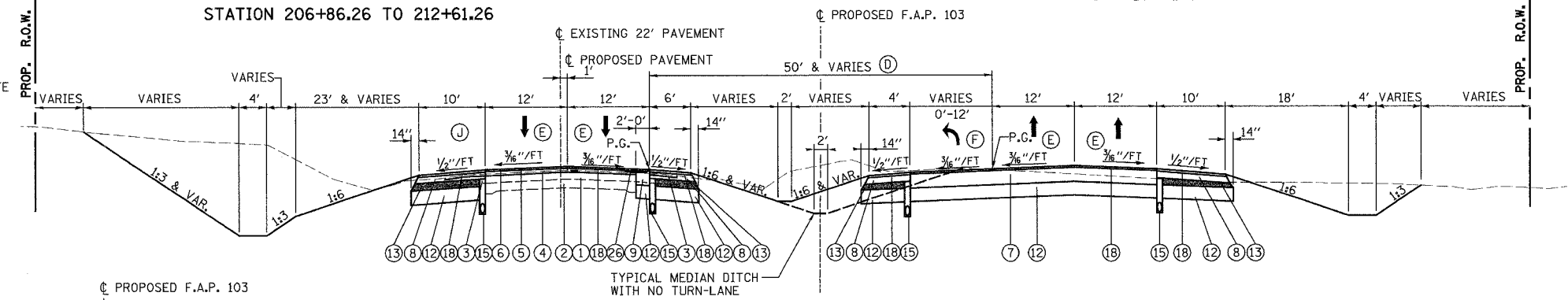
**RIGHT-TURN LANE DETAIL**

STATION 206+86.26 TO 212+61.26



**LEFT-TURN LANE DETAIL**

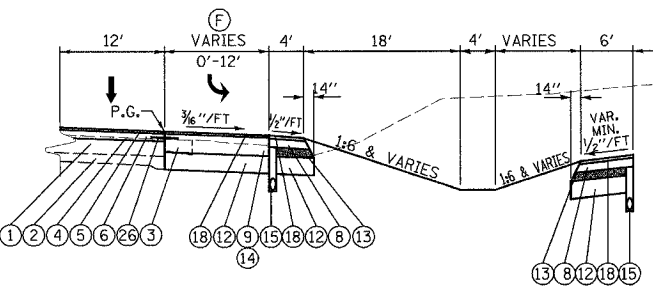
STATION 199+84.60 TO 205+89.60



**TYPICAL 4-LANE DIVIDED HIGHWAY - OVERLAY**

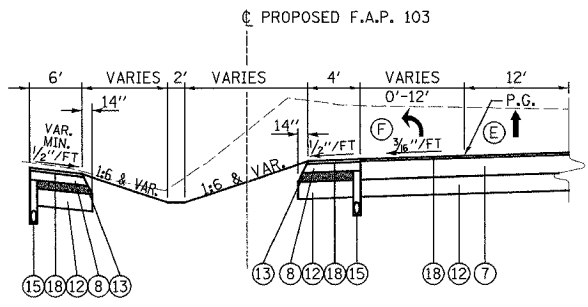
STATION 162+94.13 TO 188+21.48    STATION 231+34.27 TO 233+60.00  
 STATION 204+33.71 TO 218+50.00    STATION 239+45.00 TO 259+96.89  
 STATION 274+67.66 TO 285+25.00

- Ⓔ RT. LANES SUPER-ELEVATED:  
 STATION 161+83.66 TO 163+70.33  
 STATION 166+32.12 TO 170+80.91  
 STATION 280+52.59 TO 285+25.00
- Ⓕ LT. LANES SUPER-ELEVATED:  
 STATION 282+64.62 TO 285+25.00
- Ⓖ INSIDE LANES SLOPE AWAY FROM MEDIAN:  
 STATION 161+83.66 TO 163+33.66
- Ⓖ RESURFACE EXISTING BITUMINOUS SHOULDER AND PAVEMENT TO PROVIDE 10' BITUMINOUS SHOULDER STATION 204+33.71 TO 206+00.00
- Ⓖ MEDIAN WIDTH VARIES FROM 46' @ STATION 281+89.07 TO 36' @ STATION 285+25.00
- Ⓖ SEE PLAN SHEETS 25, 26, 27, 28, 29, 31 AND 32 FOR LOCATION OF LEFT-TURN LANES.
- Ⓖ SEE PLAN SHEET 29 FOR LOCATION OF RIGHT-TURN LANE.



**LEFT-TURN LANE DETAIL**

STATION 163+84.41 TO 168+94.41  
 STATION 181+03.27 TO 186+58.27  
 STATION 206+86.26 TO 212+61.26  
 STATION 217+44.98 TO 222+99.98  
 STATION 277+34.74 TO 282+89.47



**LEFT-TURN LANE DETAIL**

STATION 174+55.64 TO 180+10.64  
 STATION 210+97.32 TO 216+52.32

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
**SHEET 2 OF 5 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: NONE    DRAWN BY: CRO  
 DATE: February 11, 2005    CHECKED BY: RCY

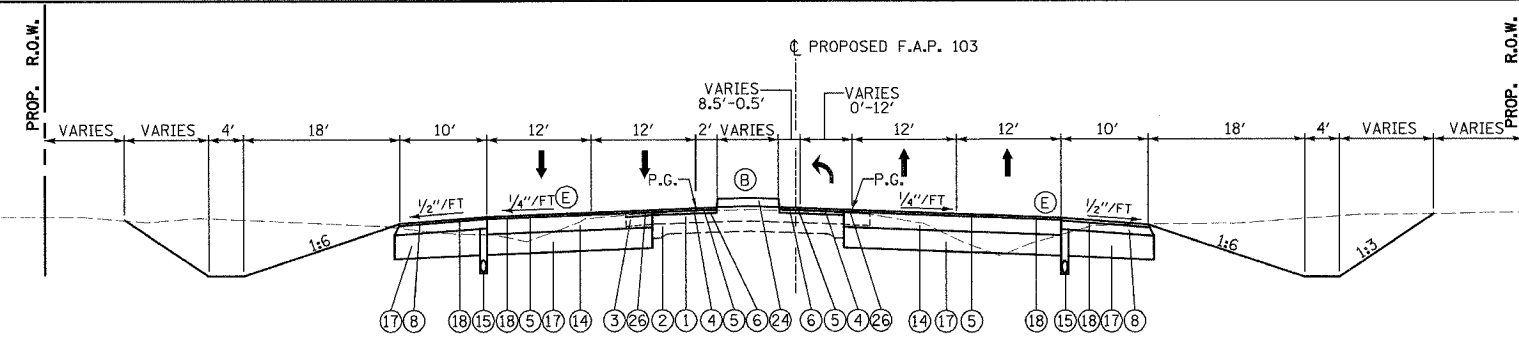
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

**LEGEND**

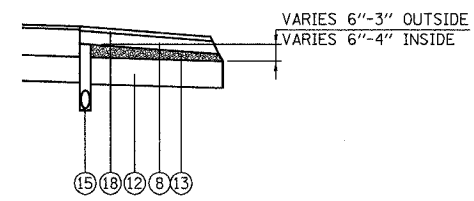
- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- ⑤ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90 - 1-1/2"
- ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 2-1/4" MINIMUM
- ⑦ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 14"
- ⑧ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑨ PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 12- 1/2 "
- ⑩ PROPOSED CCC&G TY.B6.24
- ⑪ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑫ PROPOSED LIME MODIFICATION -12"
- ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑭ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12- 1/2 "
- ⑮ PROPOSED PIPE UNDERDRAINS
- ⑯ PROPOSED INCIDENTAL BITUMINOUS SURFACING, N90 - 2" MINIMUM
- ⑰ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B - 12" MINIMUM
- ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) WITH AGGREGATE (PRIME COAT)
- ⑲ PROPOSED AGGREGATE SURFACE COURSE, TYPE-A - 6"
- ⑳ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ㉑ PROPOSED CONCRETE CURB, TYPE B (DOWELLED)
- ㉒ PROPOSED SAND FILL
- ㉓ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12"
- ㉔ PROPOSED CONCRETE MEDIAN, TYPE SB (MODIFIED)
- ㉕ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 9"
- ㉖ PROPOSE STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - CONSTRUCT MINIMUM 2" SURFACE COURSE ON EXISTING SHOULDER
- PROPOSED BITUMINOUS CONCRETE PAVEMENT FULL DEPTH SUPERPAVE, 14" SHALL CONSIST OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", NO - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 12".
- CONSTRUCT FINAL 2" LIFT AFTER PLACING SURFACE COURSE ON ADJACENT PAVEMENT.
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N90 - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 7"



**TYPICAL 4-LANE - RAISED MEDIAN**

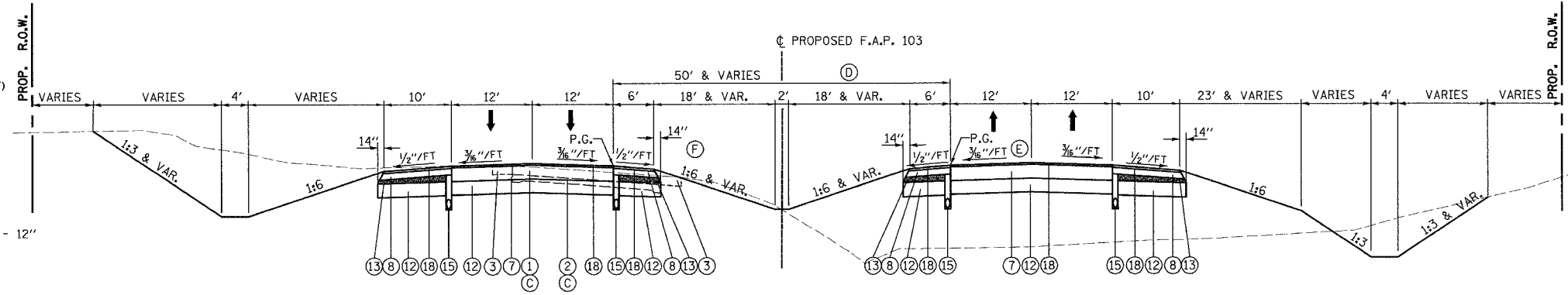
STATION 292+57.12 TO 297+60.00

- (B) SEE SHEET 174 FOR LIMITS AND DETAILS OF CONCRETE MEDIAN.
- (C) SEE CONSTRUCTION PLAN SHEETS 58 AND 65 FOR LIMITS OF PAVEMENT REMOVAL.
- (E) RT. LANES SUPER-ELEVATED: STATION 292+57.12 TO 293+84.74 RT.  
LT. LANES SUPER-ELEVATED: STATION 292+57.12 TO 293+56.60 LT.



**SUBBASE GRANULAR MATERIAL, TYPE C DETAIL**

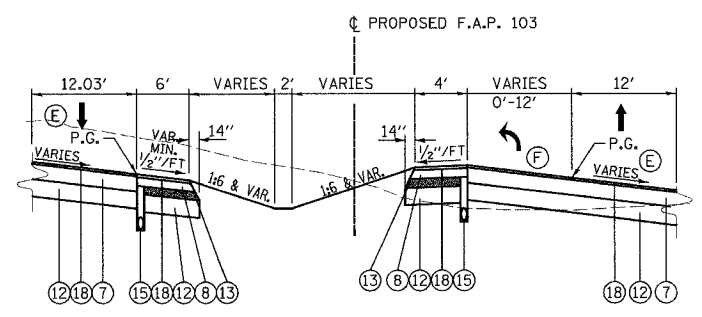
STATION 153+92.00 TO 289+67.55



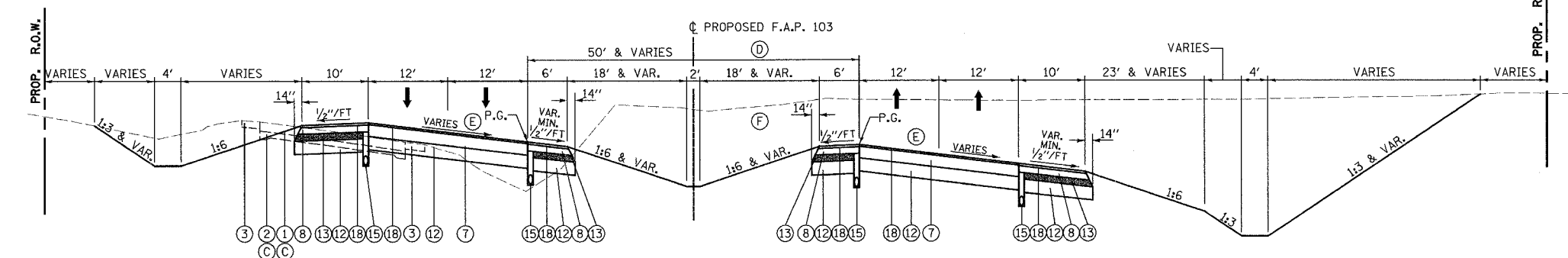
**TYPICAL 4-LANE DIVIDED - NORMAL CROWN**

STATION 218+50.00 TO 221+06.94 STATION 266+73.45 TO 267+91.55  
STATION 233+60.00 TO 239+45.00 STATION 285+25.00 TO 289+67.55

- (D) MEDIAN WIDTH VARIES FROM 26.4' @ STATION 285+25.00 TO 22.4' @ STATION 289+67.55
- (E) RT. LANES SUPER-ELEVATED: STATION 285+25.00 TO 285+80.52  
STATION 288+57.32 TO 289+67.55
- (F) SEE PLAN SHEET 29 AND 30 FOR LOCATION OF LEFT-TURN LANE.



**LEFT-TURN LANE DETAIL**  
STATION 225+61.95 TO 231+66.95



**TYPICAL 4-LANE DIVIDED - SUPER-ELEVATED**

STATION 190+50.00 TO 201+50.00 STATION 262+10.00 TO 266+73.45  
STATION 221+06.94 TO 230+00.00 STATION 267+91.55 TO 271+90.00  
STATION 289+67.55 TO 292+57.12

- (C) SEE PLAN SHEET 62, 63, 64 AND 65 FOR LIMITS OF PAVEMENT REMOVAL.
- (D) MEDIAN WIDTH VARIES FROM 22.4' @ STATION 289+67.55 TO 18' @ STATION 292+42.32
- (E) SEE PLAN SHEET 27, 29, 31, 32 AND 33 FOR SUPER-ELEVATION RATE AND SLOPE DIRECTION.
- (F) SEE PLAN SHEET 27, 29, 32 AND 33 FOR LOCATION OF LEFT-TURN LANES, SUPER-ELEVATE TURN LANE TO MATCH THROUGH LANES.

NOTE: BIAXIAL GEOGRID IS REQUIRED IN THE FOLLOWING RANGES:  
195+90 - 197+00 LT.  
193+50 - 196+25 RT.  
SEE SHEET 52A FOR DETAIL

REVISIONS	
NAME	DATE

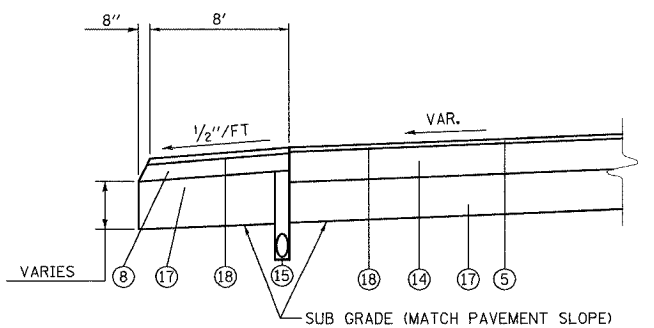
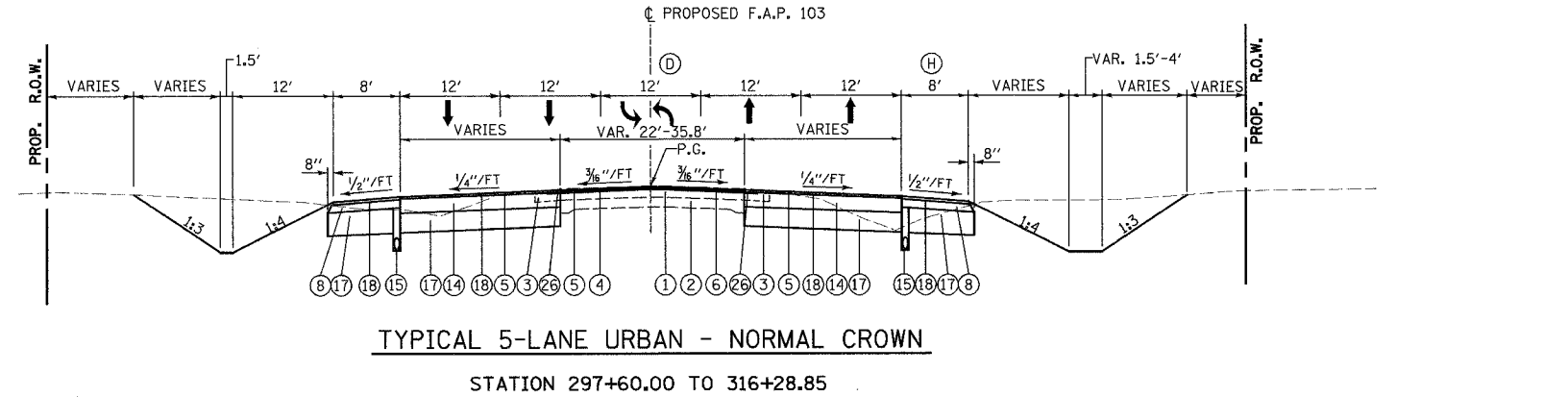
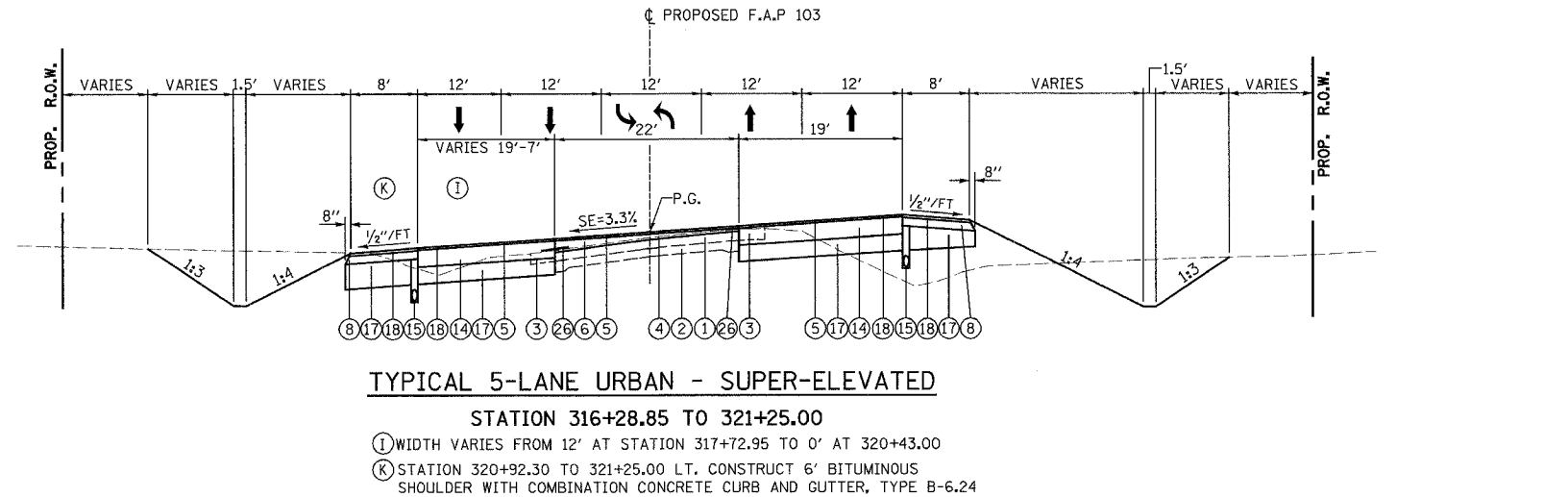
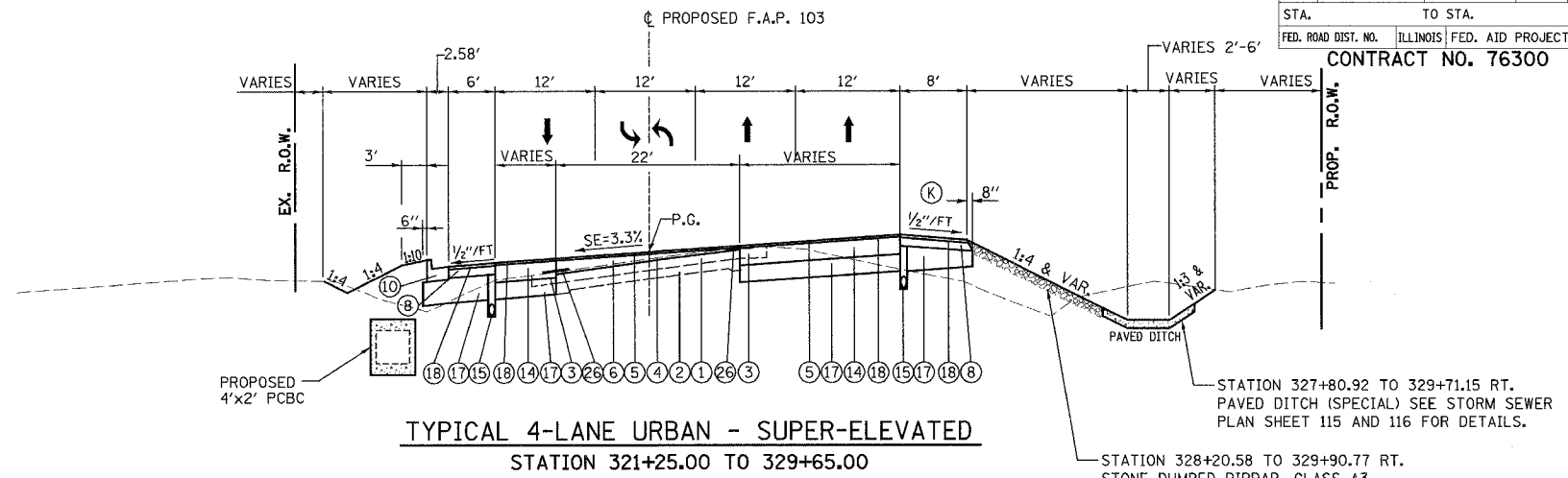
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
SHEET 3 OF 5 SHEETS  
F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.  
SCALE: NONE DRAWN BY CRO  
DATE February 11, 2005 CHECKED BY RCY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 76300

**LEGEND**

- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- ⑤ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90 - 1-1/2"
- ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 2-1/4" MINIMUM
- ⑦ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 14"
- ⑧ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑨ PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 12- 1/2 "
- ⑩ PROPOSED CCC&G TY.B6.24
- ⑪ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑫ PROPOSED LIME MODIFICATION -12"
- ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑭ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12- 1/2 "
- ⑮ PROPOSED PIPE UNDERDRAINS
- ⑯ PROPOSED INCIDENTAL BITUMINOUS SURFACING, N90 - 2" MINIMUM
- ⑰ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B - 12" MINIMUM
- ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) WITH AGGREGATE (PRIME COAT)
- ⑲ PROPOSED AGGREGATE SURFACE COURSE, TYPE-A - 6"
- ⑳ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ㉑ PROPOSED CONCRETE CURB, TYPE B (DOWELLED)
- ㉒ PROPOSED SAND FILL
- ㉓ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12"
- ㉔ PROPOSED CONCRETE MEDIAN, TYPE SB (MODIFIED)
- ㉕ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 9"
- ㉖ PROPOSE STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - CONSTRUCT MINIMUM 2" SURFACE COURSE ON EXISTING SHOULDER
- PROPOSED BITUMINOUS CONCRETE PAVEMENT FULL DEPTH SUPERPAVE, 14" SHALL CONSIST OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", NO - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 12".
- CONSTRUCT FINAL 2" LIFT AFTER PLACING SURFACE COURSE ON ADJACENT PAVEMENT.
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N90 - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 7"



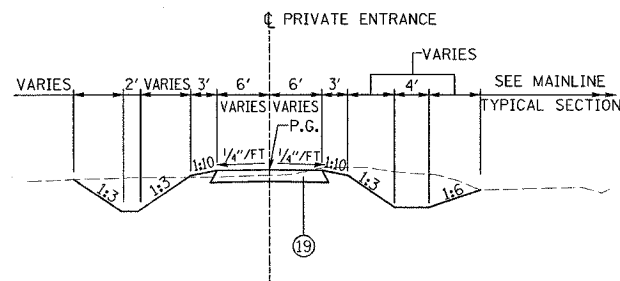
**SUBBASE GRANULAR MATERIAL, TYPE B 12" MINIMUM DETAIL**  
STATION 297+60.00 TO 321+25.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
SHEET 4 OF 5 SHEETS  
F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.  
SCALE: NONE  
DATE: February 11, 2005  
DRAWN BY: CRO  
CHECKED BY: RCY

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F.A. SECTION	103	COUNTY	ST. CLAIR	TOTAL SHEETS	382	SHEET NO.	11
STA.	TO STA.						
CONTRACT NO.: 76300							

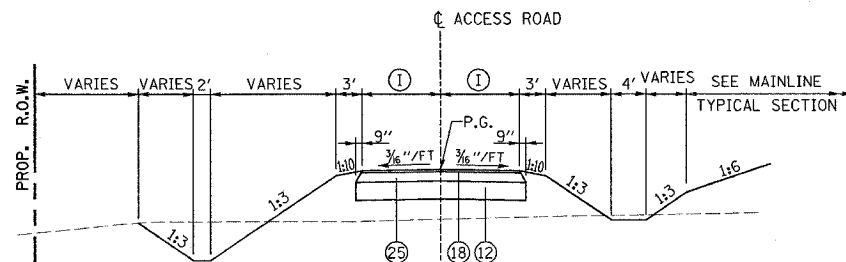


TYPICAL PRIVATE ENTRANCE

P.E.-LT. 1 - STATION 91+89.93 TO 93+27.18 (ACCESS RD. LT. 3)  
P.E.-RT. 1 - STATION 7+38.65 TO 8+90.43 (ACCESS RD. RT. 2C)  
P.E.-RT. 2 - STATION 109+27.13 TO 110+53.86 (ACCESS RD. RT.3)

LEGEND

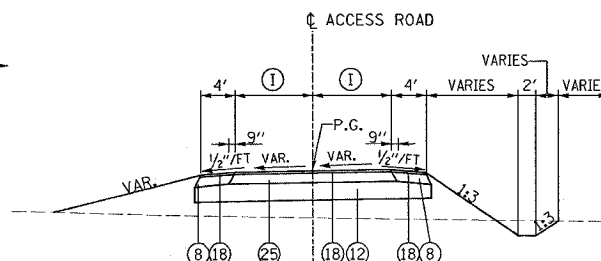
- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- ⑤ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90 - 1-1/2"
- ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 2-1/4" MINIMUM
- ⑦ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 14"
- ⑧ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑨ PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 12- 1/2 "
- ⑩ PROPOSED CCC&G TY.B6.24
- ⑪ PROPOSED CONCRETE MEDIAN SURFACE, 4 INCH
- ⑫ PROPOSED LIME MODIFICATION -12"
- ⑬ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑭ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12- 1/2 "
- ⑮ PROPOSED PIPE UNDERDRAINS
- ⑯ PROPOSED INCIDENTAL BITUMINOUS SURFACING, N90 - 2" MINIMUM
- ⑰ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B - 12" MINIMUM
- ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) WITH AGGREGATE (PRIME COAT)
- ⑲ PROPOSED AGGREGATE SURFACE COURSE, TYPE-A - 6"
- ⑳ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ㉑ PROPOSED CONCRETE CURB, TYPE B (DOWELLED)
- ㉒ PROPOSED SAND FILL
- ㉓ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL - 19.0, N90 - 12"
- ㉔ PROPOSED CONCRETE MEDIAN, TYPE SB (MODIFIED)
- ㉕ PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH) SUPERPAVE, 9"
- ㉖ PROPOSE STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉗ EXISTING AGGREGATE SHOULDER, TYPE B
- ㉘ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A - 4"
- ㉙ EXISTING JOINTED PCC PAVEMENT - 8"
- ㉚ PROPOSED JOINTED PCC PAVEMENT - 8"
- ㉛ PROPOSED LIME MODIFIED SOILS - 12"
- ㉜ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A - 6"
- ㉝ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A - 4"
- CONSTRUCT MINIMUM 2" SURFACE COURSE ON EXISTING SHOULDER
- PROPOSED BITUMINOUS CONCRETE PAVEMENT FULL DEPTH SUPERPAVE, 14" SHALL CONSIST OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", NO - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 12".
- CONSTRUCT FINAL 2" LIFT AFTER PLACING SURFACE COURSE ON ADJACENT PAVEMENT.
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N90 - 2" AND BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, 19.0, N90 - 7"



TYPICAL LT. ACCESS ROAD

RT. 2B - STATION 8+90.43 TO 11+18.00  
LT. 2 - STATION 83+01.67 TO 116+55.00  
LT. 3 - STATION 93+27.18 TO 99+51.00  
RT. 3 - STATION 100+49.00 TO 110+32.73

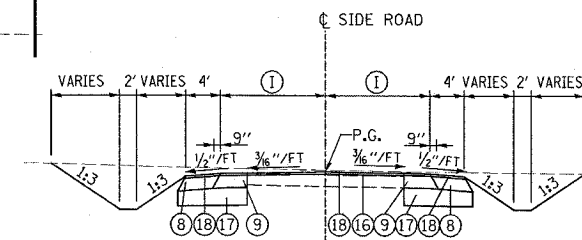
① SEE PLAN SHEETS 48, 49, 50, 50A, 51, AND 52 FOR LANE WIDTHS.



ACCESS ROAD DETAIL  
(WITHIN A.C. LIMITS)

RT. 2 - STATION 100+49.00 TO 103+49.00  
RT. 2A - STATION 100+49.00 TO 102+67.00  
RT. 1 - STATION 10+27.44 TO 13+92.5  
LT. 1 - STATION 20+48.74 TO 23+45.00

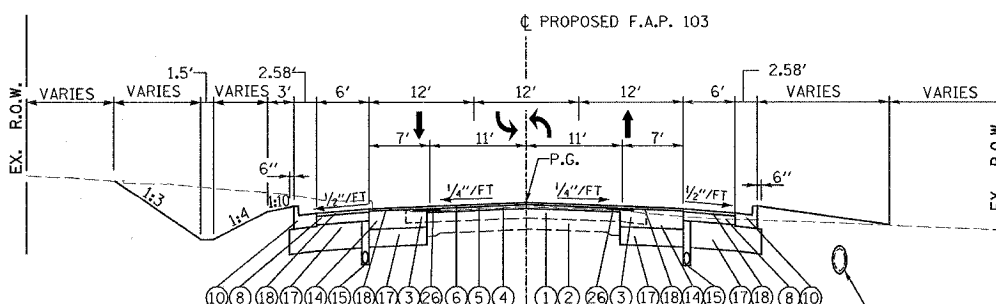
① SEE PLAN SHEETS 44, AND 48 FOR LANE WIDTHS.



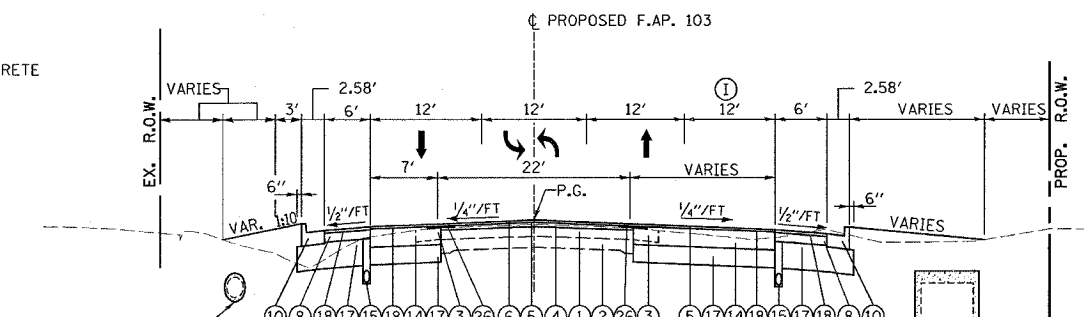
TYPICAL SIDE ROAD

JEFFERSON ROAD-STATION 206+36.83 LT.  
PEABODY ROAD-STATION 297+93.22 LT.

① SEE PLAN SHEETS 29, 36 AND 37 FOR LANE WIDTHS.

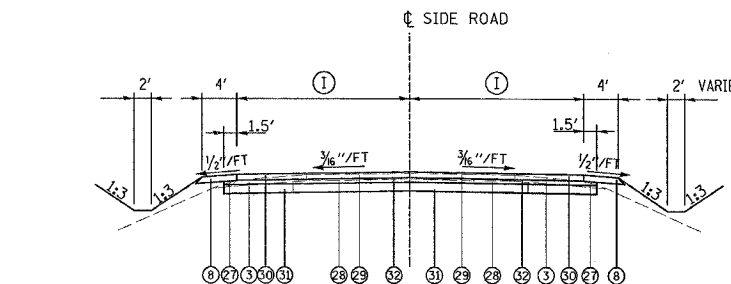


TYPICAL 3-LANE URBAN  
STATION 333+80.00 TO 336+00.00



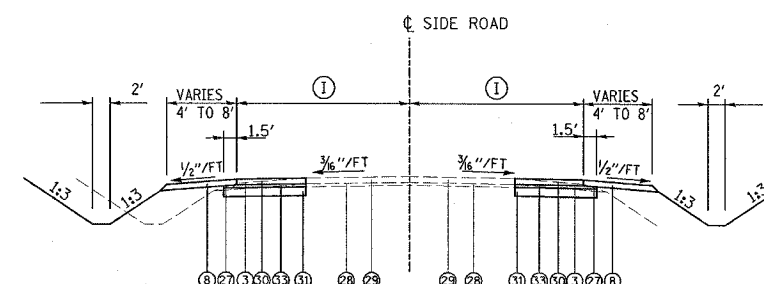
TYPICAL 4-LANE URBAN  
STATION 329+65.00 TO 333+80.00

① WIDTH VARIES FROM 12' AT STATION 329+49.71 TO 0' AT 334+90.00



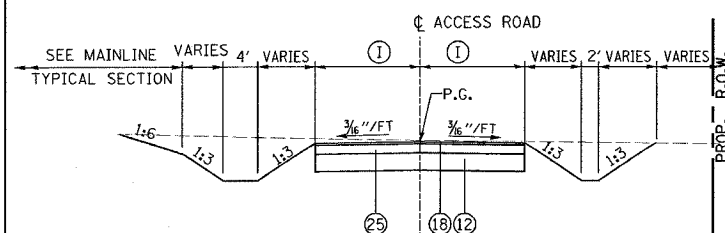
OLD FREEBURG ROAD-STATION 305+43.50 RT.

① I SEE PLAN SHEET 172 FOR LANE WIDTHS.



OLD FREEBURG ROAD-STATION 305+43.50 RT.

① I SEE PLAN SHEET 172 FOR LANE WIDTHS.



TYPICAL RT. ACCESS ROAD

RT. 1A - STATION 97+57.46 TO 111+87.81  
LT. 1A - STATION 99+86.43 TO 118+50.00

① SEE PLAN SHEETS 45, 46, AND 47 FOR LANE WIDTHS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
**SHEET 5 OF 5 SHEETS**  
F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.

SCALE: NONE  
DATE: February 6, 2004  
DRAWN BY: CRO  
CHECKED BY: RCY

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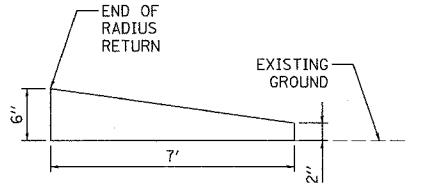






F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

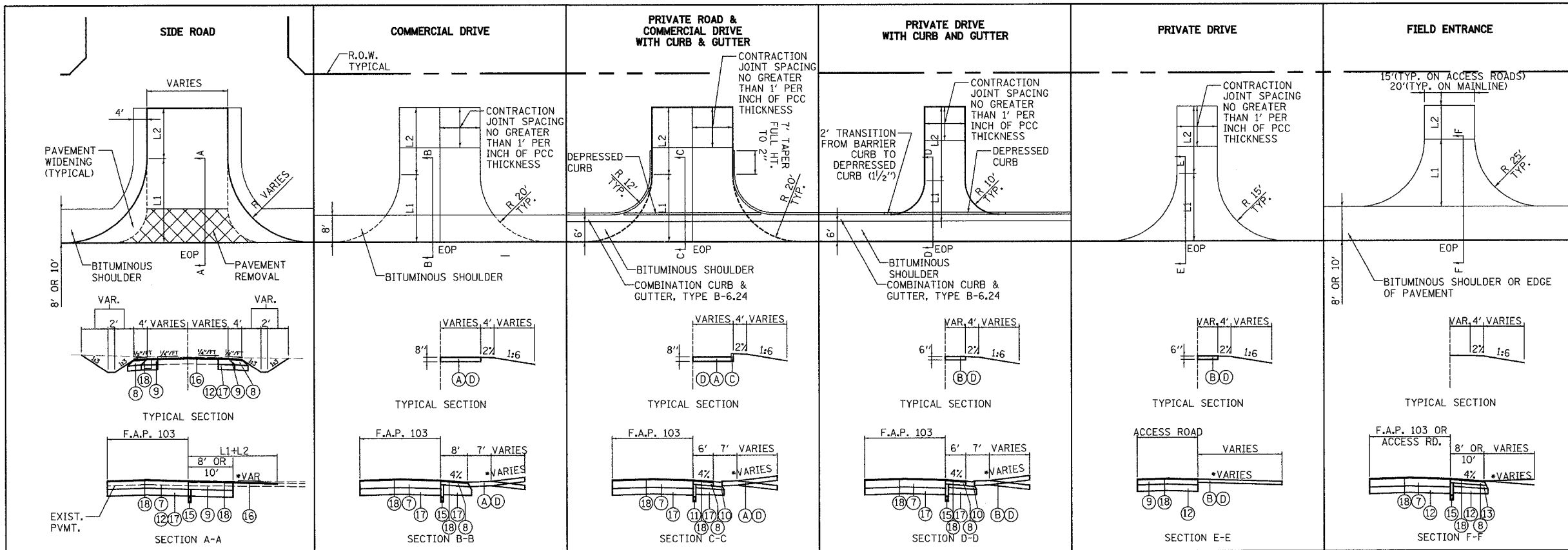
CONTRACT NO. 76300



CURB HEIGHT TRANSITION DETAIL  
N.T.S.

NOTES:

- \* SEE- CROSS-SECTIONS FOR ENTRANCE PROFILES.
- \*\* CONSTRUCT AGGREGATE SURFACE COURSE, TYPE A ON TEMPORARY CONSTRUCTION EASEMENT AT ALL EXISTING ROCK DRIVEWAYS IDENTIFIED ON THE PLANS AND ENTRANCE SCHEDULE.
- JEFFERSON RD., PEABODY RD. AND OLD FREEBURG RD. 12- 1/2 " BITUMINOUS BASE COURSE WIDENING AND 2" RESURFACING ON ALL.
- LANTER LN. AND ROGERS DR. 9" BITUMINOUS PAVEMENT ON ALL (NO RESURFACING.)



ENTRANCE AND SIDEROAD SCHEDULE

TYPE	SIDE	STATION	WIDTH	LENGTH		LIME MODIFIED SOILS SQ. YD.	BIT. CONC. BASE CRSE. WIDENING SUPERPAVE 12-1/2" SQ. YD.	BIT. CONC. PAVEMENT SUPERPAVE 9" SQ. YD.	PREPERATION OF BASE SQ. YD.	AGGREGATE BASE COURSE TYPE B 6" TON	INCIDENTAL BITUMINOUS SURFACING SUPERPAVE, N90 TON	P.C.C. DRIVEWAY PAVEMENT 6" SQ. YD.	P.C.C. DRIVEWAY PAVEMENT 8" SQ. YD.	CONCRETE CURB TYPE B FEET	AGGREGATE SURFACE COURSE TYPE A 6" TON	AGGREGATE SURFACE COURSE TYPE B 6" TON
				L1	L2											
F.E.	LT.	154+10.61	29.0	25.0	14.5											
C.E.	RT.	163+20.00	20.0	20.0	49.4				194.4	62	21.8					
F.E.	LT.	163+77.48	20.0	25.0	11.3	**DELETED**										
F.E.	RT.	166+73.33	15.0	25.2	19.0	**DELETED**										
F.E.	RT.	178+22.72	15.0	26.8	5.6	**DELETED**										
C.E.	LT.	178+54.19	18.0	28.0	2.3	85.8		85.8	90.3					1.5	29.4	
C.E.	RT.	178+99.55	33.0	27.2	39.7	147.5		147.5	273.8					41.2		
P.E.	LT.	182+50.58	10.0	22.0	47.8				79.4	8.3	2.9			17.3	32.7	
P.E.	RT.	182+79.85	11.0	20.8	8.1				52.3	16.6	5.9				64.6	
F.E.	LT.	187+51.84	15.0	25.0	7.0										72.1	
P.E.	LT.	188+36.16	12.0	25.0	20.0				103.7	24.5	8.7			8.6		
C.E.	RT.	188+56.27	24.0	28.0	26.0	154.8		154.8	231.0					24.9	103.6	
C.E.	LT.	190+41.96	12.0	20.0	39.2				97.9	31.0	11.0				72.0	
F.E.	LT.	191+98.00	15.0	24.8	8.9											
F.E.	RT.	192+80.75	20.0	25.0	30.7	**DELETED**										
S.R.	LT.	206+36.83	26.0	75.0	12.0	175.0	175.0				68.0					
F.E.	LT.	214+50.00	20.0	25.0	32.6										60.1	
P.E.	RT.	215+89.53	18.0	62.0	86.0				198.2					64.7		
P.E.	RT.	217+30.84	10.0	N/A	148.0				198.0					64.7	72.9	
C.E.	LT.	219+25.01	13.0	29.0	12.0				122.9	38.9	13.8				68.2	
P.E.	LT.	220+98.15	21.0	25.0	25.6				86.0	22.1	7.8			5.3	35.8	
F.E.	LT.	225+04.43	15.0	24.7	14.3											
F.E.	LT.	227+30.63	15.0	24.7	32.2											
F.E.	LT.	230+39.84	15.0	18.5	N/A										100.1	
P.E.	RT.	232+13.25	20.0	30.0	149.5			440.1	45.9	16.2				96.3	40.0	
F.E.	LT.	234+38.05	15.0	39.5	10.8											
P.E.	LT.	237+30.24	15.0	20.0	24.7				92.3	22.1	7.8			7.3	94.9	
F.E.	LT.	241+32.23	15.0	25.0	4.8											
F.E.	LT.	244+98.83	15.0	25.0	4.8											
P.E.	LT.	248+04.26	18.0	28.0	17.0	85.8		85.8	110.3					8.0	72.2	
F.E.	LT.	248+49.47	15.0	25.0												
P.E.	RT.	254+13.39	18.0	30.4	93.2			261.5	29.5	10.4				54.9	66.1	
P.E.	RT.	254+53.63	12.0	36.5	82.6			165.3	19.8	7.0				33.5		
P.E.	RT.	258+06.94	12.0	27.0	22.5			85.1	17.4	6.2				9.8	25.8	
P.E.	RT.	258+97.91	18.0	28.0	N/A	85.8		85.8	85.8						20.3	
P.E.	RT.	260+73.21	12.0	133.5	N/A				165.3					53.9		
F.E.	LT.	265+34.54	20.0	25.0	12.3										19.2	
P.E.	LT.	268+22.05	12.0	20.0	23.9				77.6	24.6	8.7				30.1	
P.E.	LT.	270+02.20	11.0	42.6	N/A				109.3	17.3	6.1			17.8		
P.E.	LT.	270+58.43	11.0	20.0	2.0				90.3	14.3	5.1			14.7	38.6	
P.E.	LT.	271+50.05	12.0	166.4	N/A				166.8					54.4		
F.E.	LT.	272+05.61	18.0	28.0	N/A	85.8		85.8								
P.E.	LT.	274+76.03	10.0	21.0	21.1				56.3	17.8	6.3					
P.E.	RT.	277+33.76	12.0	71.8	47.6				352.0	84.7	30.0			27.5	43.3	
F.E.	RT.	BORDERLINE	15.0	25.0	N/A											
F.E.	LT.	JEFFERSON RD.	15.0	25.0												
TOTAL (RURAL)						821	175	646	4072	497	244	0	0	0	606	1162

LEGEND

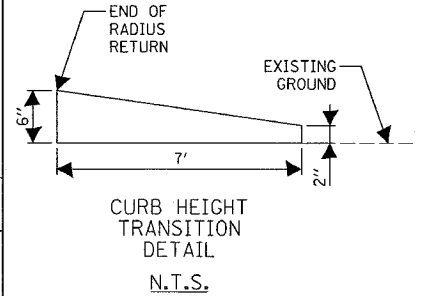
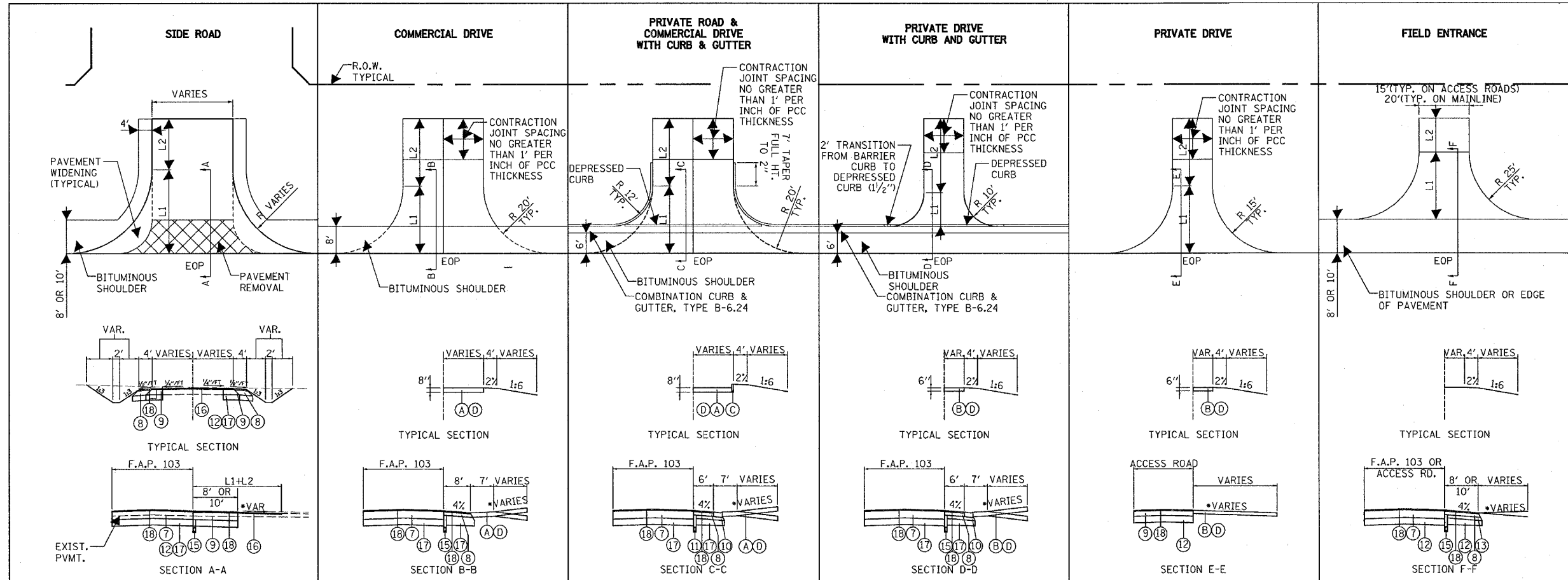
- (A) PROPOSED P.C.C. DRIVEWAY PAVEMENT, 8"
- (B) PROPOSED P.C.C. DRIVEWAY PAVEMENT, 6"
- (C) CONCRETE CURB, TYPE B
- (D) AGGREGATE BASE COURSE TYPE B-6" WITH INCIDENTAL BITUMINOUS SURFACING, 2"
- (7) PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), 14"
- (8) PROPOSED BITUMINOUS SHOULDERS, 8"
- (9) PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, 12-1/2"
- (10) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (12) PROPOSED LIME MODIFICATION - 12"
- (13) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- (15) PROPOSED PIPE UNDERDRAINS
- (16) PROPOSED INCIDENTAL BITUMINOUS SURFACING, 2"
- (17) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B
- (18) PROPOSED BITUMINOUS MATERIALS (PRIME COAT) WITH AGGREGATE (PRIME COAT)
- \*\* (19) PROPOSED AGGREGATE SURFACE COURSE, TYPE A - 6"

NOTE: ALL BITUMINOUS MATERIALS WILL CONFORM TO CURRENT IDOT SUPERPAVE MIXTURE DESIGN

REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 MISCELLANEOUS SCHEDULES  
 SHEET 4 OF 11 SHEETS  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: DATE February 11, 2005 DRAWN BY CRO CHECKED BY RCY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	15A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



**NOTES:**

- SEE- CROSS-SECTIONS FOR ENTRANCE PROFILES.
- CONSTRUCT AGGREGATE SURFACE COURSE, TYPE A ON TEMPORARY CONSTRUCTION EASEMENT AT ALL EXISTING ROCK DRIVEWAYS IDENTIFIED ON THE PLANS AND ENTRANCE SCHEDULE.

JEFFERSON RD., PEABODY RD. AND OLD FREEBURG RD. 12- 1/2 " BITUMINOUS BASE COURSE WIDENING AND 2" RESURFACING ON ALL.

LANTER LN. AND ROGERS DR. 9" BITUMINOUS PAVEMENT ON ALL (NO RESURFACING.)

TYPE	SIDE	STATION	WIDTH	LENGTH		SUB-BASE GRANULAR MATERIAL TYPE B, 12"	BIT. CONC. BASE CRSE. WIDENING SUPERPAVE 12 1/2"	BIT. CONC. PAVEMENT SUPERPAVE 9"	PREPARATION OF BASE	AGGREGATE BASE COURSE TYPE B 6"	INCIDENTAL BITUMINOUS SURFACING SUPERPAVE, N90	P.C.C. DRIVEWAY PAVEMENT 6"	P.C.C. DRIVEWAY PAVEMENT 8"	CONCRETE CURB TYPE B	AGGREGATE SURFACE COURSE TYPE A 6"	AGGREGATE SURFACE COURSE TYPE B 6"
				L1	L2											
F.E.	RT.	293+19.00	20.0	25.0	13.7											
S.R.	LT.	297+93.98	36.5	65.0	15.0	109.7	162.4			54.3						
C.E.	LT.	299+15.08	24.0	20.0	4.8				48.1	15.2	5.4					40.0
C.E.	LT.	300+40.44	24.0	20.0	10.0				62.1	19.7	7.0					
P.E.	LT.	301+04.23	10.0	5.0	17.0				25.6	8.1	2.9					
C.E.	LT.	301+46.78	21.0	20.0	7.0				48.4	15.3	5.4					
F.E.	RT.	302+50.00	20.0	20.0	N/A											
C.E.	LT.	303+13.04	18.0	20.0	10.0				48.4	15.3	5.4					35.2
S.R.	RT.	305+42.17														
F.E.	LT.	306+82.00	25.0	20.0	2.0											
F.E.	LT.	308+08.05	20.0	20.0	2.0				68.0			68.0				42.2
C.E.	RT.	308+30.50	28.6	33.0	N/A				103.4	32.7	11.6					55.4
C.E.	RT.	314+60.66	30.0	20.0	17.9				86.7			86.7				64.5
C.E.	RT.	317+24.47	25.0	20.0	13.2				74.5			74.5				57.7
C.E.	LT.	317+20.14	12.0	13.4	16.6				46.4	14.7	5.2					23.9
C.E.	RT.	319+00.00	31.4	24.5	18.5					68.5	21.9					55.3
C.E.	LT.	319+11.47	26.0	23.2	20.9				103.6	32.8	11.6					43.8
C.E.	LT.	320+00.00	25.0	21.1	16.4				85.6	27.1	9.6					54.8
C.E.	LT.	322+58.22	31.0	20.2	16.4				100.4			100.4	50			119.8
C.E.	RT.	323+22.83	VAR.	59.3	N/A				265.6							96.2
C.E.	RT.	324+51.39	30.0	40.1	29.1				222.7	70.5	24.9					38.3
C.E.	RT.	327+53.66	20.0	20.0	43.3				126.2			126.2				56.2
C.E.	LT.	327+55.12	33.0	20.1	0.6				47.8			47.8	36			37.0
P.E.	RT.	329+87.40	12.0	10.0	32.2				60.1	19.0	6.7					34.7
C.E.	LT.	330+20.59	30.0	20.0	2.5				49.5			49.5	36			48.5
P.E.	RT.	331+41.74	18.0	10.0	32.9				87.0	27.5		87.0				66.7
C.E.	RT.	332+38.39	25.0	20.7	33.7				132.4	41.9	14.8					42.3
C.E.	LT.	332+86.52	30.0	20.0	7.0				64.4			64.4	50			60.2
C.E.	RT.	333+48.39	27.0	20.7	26.1				116.5	36.9	13.1					23.2
C.E.	RT.	334+49.43	20.0	20.0	4.5				26.2	8.3	2.9					60.0
C.E.	LT.	334+74.89	32.0	20.0	21.2				118.6	37.6	13.3					43.3
S.R.	RT.	335+53.94	22.4	31.7	10.3				147.5							59.8
C.E.	LT.	335+55.12	32.0	20.0	21.2				118.5	37.5	13.3					0.0
C.E.	RT.	336+20.27							0.0	0.0	0.0					0.0
C.E.	RT.	337+59.77							0.0	0.0	0.0					0.0
F.E.	RT.	PEABODY RD. 15.0														
TOTALS (URBAN)																
						300	444	413	2484	529	303	87	618	530	0	1259

- LEGEND**
- (A) PROPOSED P.C.C. DRIVEWAY PAVEMENT, 8"
  - (B) PROPOSED P.C.C. DRIVEWAY PAVEMENT, 6"
  - (C) CONCRETE CURB, TYPE B
  - (D) AGGREGATE BASE COURSE TYPE B-6" WITH INCIDENTAL BITUMINOUS SURFACING, 2"
  - (7) PROPOSED BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), 14"
  - (8) PROPOSED BITUMINOUS SHOULDERS, 8"
  - (9) PROPOSED BITUMINOUS CONCRETE BASE COURSE WIDENING, 12-1/2"
  - (10) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - (12) PROPOSED LIME MODIFICATION - 12"
  - (13) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
  - (15) PROPOSED PIPE UNDERDRAINS
  - (16) PROPOSED INCIDENTAL BITUMINOUS SURFACING, 2"
  - (17) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B
  - (18) PROPOSED BITUMINOUS MATERIALS (PRIME COAT) WITH AGGREGATE (PRIME COAT)
  - (19) PROPOSED AGGREGATE SURFACE COURSE, TYPE A - 6"
- NOTE: ALL BITUMINOUS MATERIALS WILL CONFORM TO CURRENT IDOT SUPERPAVE MIXTURE DESIGN
- SEE SHEET 172 FOR SCHEDULE OF QUANTITIES FOR OLD FREEBURG ROAD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MISCELLANEOUS SCHEDULES**  
**SHEET 5 OF 11 SHEETS**  
F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.

SCALE: \_\_\_\_\_ DRAWN BY YBA  
DATE February 11, 2005 CHECKED BY RCY

7/9/2005 #FILES









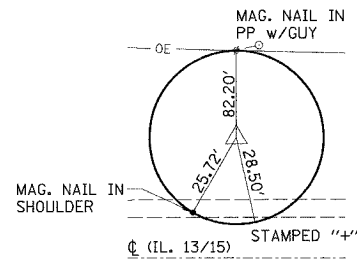




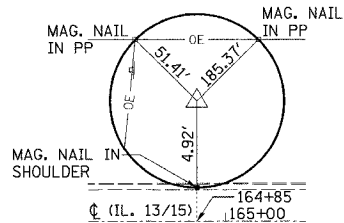


# HORIZONTAL CONTROL POINTS

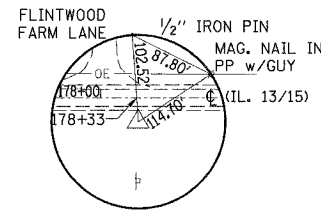
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



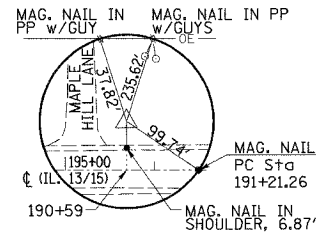
**CONTROL POINT #24**  
 22.87' RT. STA. 151+76.74 EX.  
 62.18' LT. STA. 152+11.75 PR.  
 1/2" IRON PIN w/IDOT CAP



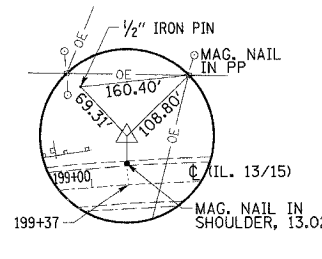
**CONTROL POINT #23**  
 17.87' LT. STA. 164+84.53 EX.  
 56.93' LT. STA. 165+19.53 PR.  
 1/2" IRON PIN w/IDOT CAP



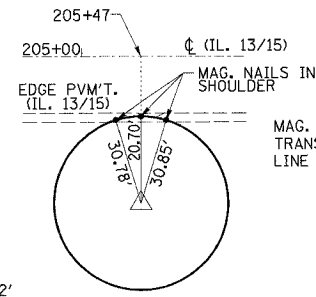
**CONTROL POINT #3001**  
 38.47' RT. STA. 178+35.78 EX.  
 0.80' LT. STA. 178+70.79 PR.  
 1/2" IRON PIN w/IDOT CAP



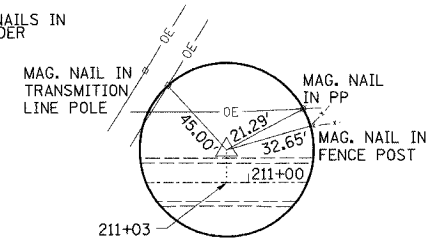
**CONTROL POINT #22**  
 20.83' LT. STA. 190+59.79 EX.  
 61.75' LT. STA. 190+91.71 PR.  
 1/2" IRON PIN w/IDOT CAP



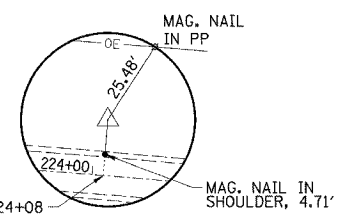
**CONTROL POINT #21**  
 26.91' LT. STA. 199+39.23 EX.  
 84.90' LT. STA. 199+37.31 PR.  
 1/2" IRON PIN w/IDOT CAP



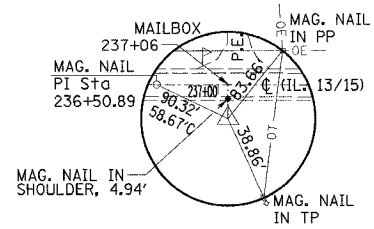
**CONTROL POINT #9811**  
 41.46' RT. STA. 205+47.39 EX.  
 3.26' RT. STA. 205+33.49 PR.  
 1/2" IRON PIN w/IDOT CAP



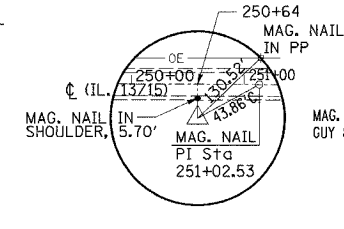
**CONTROL POINT #20**  
 18.83' LT. STA. 211+01.99 EX.  
 57.03' LT. STA. 210+88.08 PR.  
 1/2" IRON PIN w/IDOT CAP



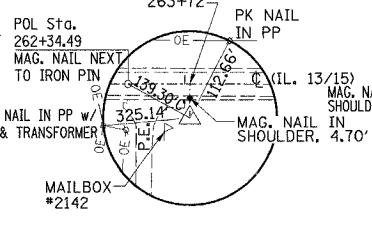
**CONTROL POINT #19**  
 18.93' LT. STA. 224+09.81 EX.  
 2.06' LT. STA. 223+95.75 PR.  
 1/2" IRON PIN w/IDOT CAP



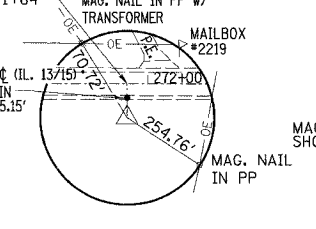
**CONTROL POINT #18**  
 18.68' RT. STA. 237+06.51 EX.  
 56.66' RT. STA. 237+02.48 PR.  
 1/2" IRON PIN w/IDOT CAP



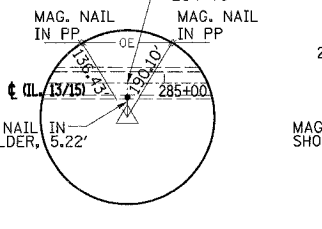
**CONTROL POINT #17**  
 19.06' RT. STA. 250+63.03 EX.  
 57.35' RT. STA. 250+58.99 PR.  
 1/2" IRON PIN w/IDOT CAP



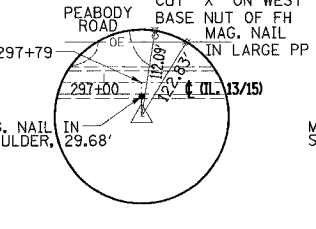
**CONTROL POINT #16**  
 18.63' RT. STA. 263+72.54 EX.  
 49.46' RT. STA. 263+72.10 PR.  
 1/2" IRON PIN w/IDOT CAP



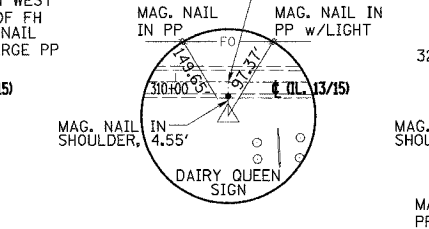
**CONTROL POINT #15**  
 18.11' RT. STA. 271+61.42 EX.  
 16.09' LT. STA. 271+59.71 PR.  
 1/2" IRON PIN w/IDOT CAP



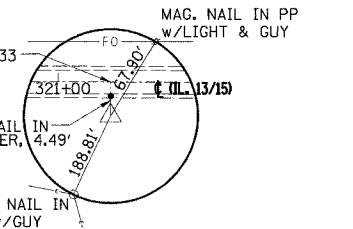
**CONTROL POINT #14**  
 18.49' RT. STA. 284+69.63 EX.  
 19.68' LT. STA. 284+68.73 PR.  
 1/2" IRON PIN w/IDOT CAP



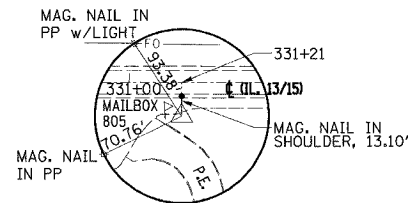
**CONTROL POINT #3002**  
 41.88' RT. STA. 297+78.53 EX.  
 41.88' RT. STA. 297+78.53 PR.  
 1/2" IRON PIN w/IDOT CAP



**CONTROL POINT #13**  
 27.68' RT. STA. 310+43.73 EX.  
 27.68' RT. STA. 310+43.73 PR.  
 1/2" IRON PIN w/IDOT CAP



**CONTROL POINT #12**  
 17.55' RT. STA. 321+34.27 EX.  
 17.55' RT. STA. 321+34.27 PR.  
 1/2" IRON PIN w/IDOT CAP



**CONTROL POINT #11**  
 26.09' RT. STA. 331+24.12 EX.  
 26.09' RT. STA. 331+24.12 PR.  
 1/2" IRON PIN w/IDOT CAP

## CONTROL POINT NOTES

- ALL TIE DISTANCES ARE RECORDED EXCEPT FOR DISTANCES WITH A "C" SUFFIX WHICH ARE CALCULATED
- EXISTING STATIONS AND OFFSETS ARE BASED UPON THE EXISTING ALIGNMENT OF ROUTE 13/15
- PROPOSED STATIONS AND OFFSETS ARE BASED UPON THE PROPOSED ALIGNMENT OF ROUTE 13/15

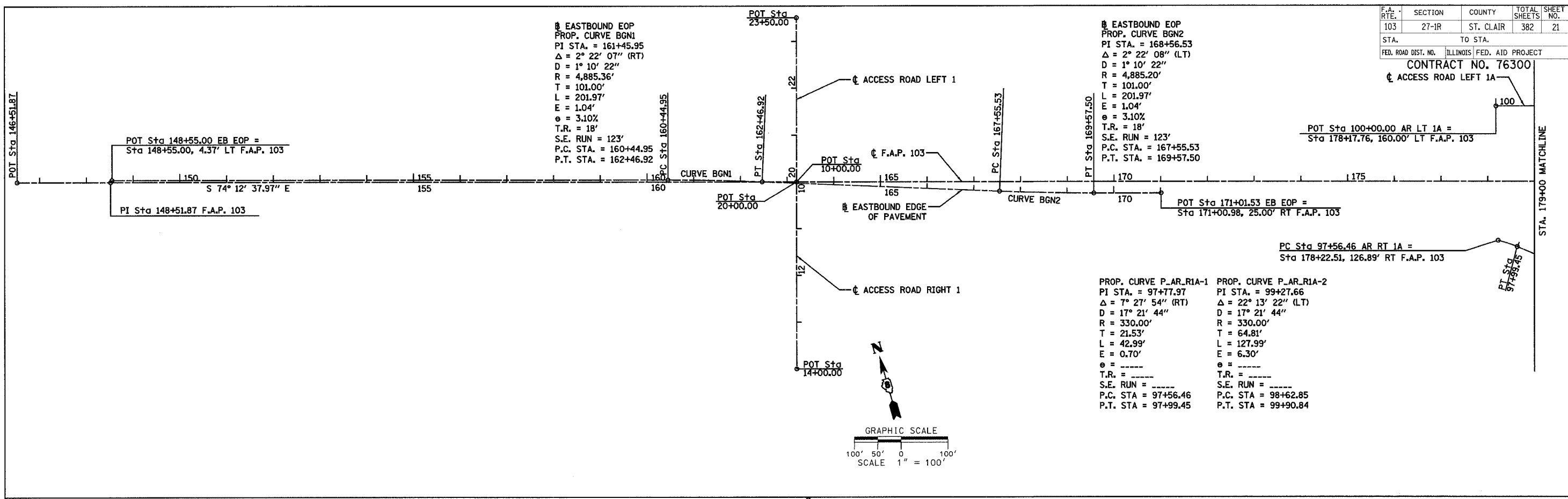
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HORIZONTAL CONTROL POINTS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: NONE DRAWN BY BKA  
 DATE February 11, 2005 CHECKED BY RCY

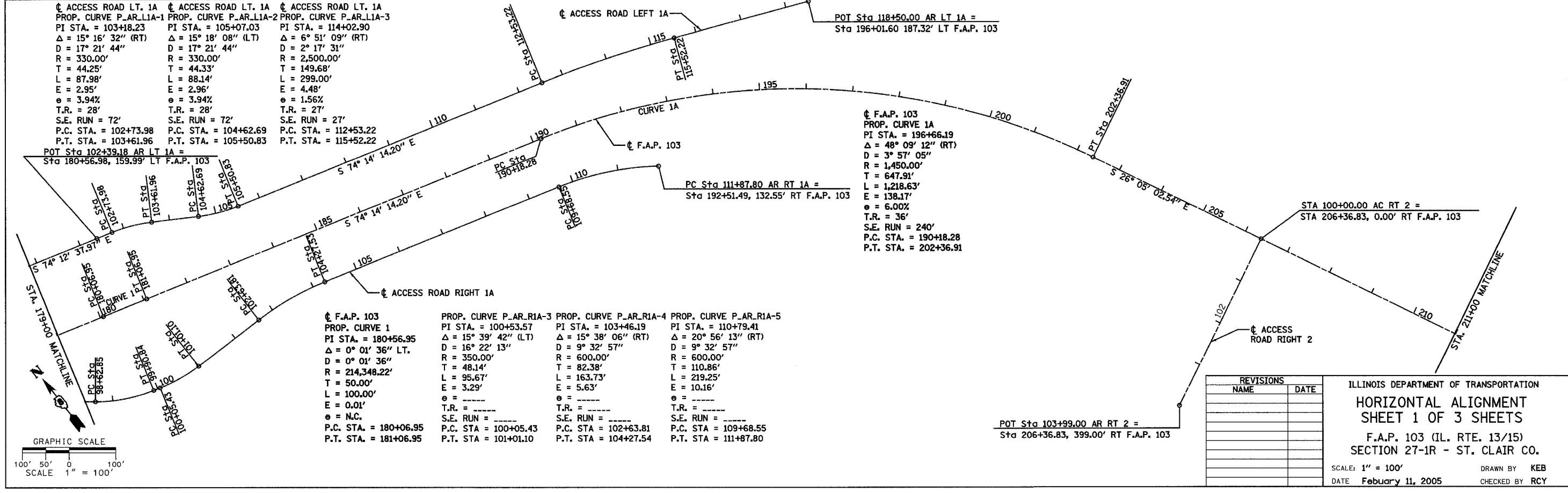
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	21
STA.	TO STA.			

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

CONTRACT NO. 76300  
 ACCESS ROAD LEFT 1A



DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NOTE BOOK	
CADD FILE NAME	



DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NOTE BOOK	
CADD FILE NAME	

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HORIZONTAL ALIGNMENT**  
**SHEET 1 OF 3 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 100'  
 DATE: February 11, 2005  
 DRAWN BY: KEB  
 CHECKED BY: RCY



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	22
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76300				

ACCESS ROAD LT. 2  
 PROP. CURVE P\_AR.L2.2-1  
 PI STA. = 85+67.73  
 $\Delta = 131^\circ 02' 13''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 219.62'$   
 $L = 228.70'$   
 $E = 141.31'$   
 $\theta = 4\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 83+48.12$   
 $P.T. STA = 85+76.82$

ACCESS ROAD LT. 2  
 PROP. CURVE P\_AR.L2.2-2  
 PI STA. = 86+70.38  
 $\Delta = 41^\circ 02' 13''$  (LT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 93.56'$   
 $L = 179.06'$   
 $E = 16.93'$   
 $\theta = 4\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 85+76.82$   
 $P.T. STA = 87+55.88$

F.A.P. 103  
 PROP. CURVE 2  
 PI STA. = 226+25.75  
 $\Delta = 25^\circ 02' 29''$  (RT)  
 $D = 3^\circ 57' 05''$   
 $R = 1,450.00'$   
 $T = 322.01'$   
 $L = 633.73'$   
 $E = 35.32'$   
 $\theta = 6.00\%$   
 $T.R. = 36'$   
 $S.E. RUN = 240'$   
 $P.C. STA = 223+03.74$   
 $P.T. STA = 229+37.47$

PROP. CURVE P\_PE.R2-1  
 PI STA. = 11+22.50  
 $\Delta = 90^\circ 00' 00''$  (RT)  
 $D = 143^\circ 14' 22''$   
 $R = 40.00'$   
 $T = 40.00'$   
 $L = 62.83'$   
 $E = 16.57'$   
 $\theta = \text{SEE INTERSECTION DETAIL}$   
 $P.C. STA = 10+82.50$   
 $P.T. STA = 11+45.33$

PROP. CURVE P\_AR.R2B-1  
 PI STA. = 8+82.10  
 $\Delta = 48^\circ 20' 07''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 44.87'$   
 $L = 84.36'$   
 $E = 9.61'$   
 $\theta = 4.00\%$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA = 8+37.23$   
 $P.T. STA = 9+21.59$

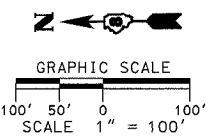
ACCESS ROAD LT. 2  
 PROP. CURVE P\_AR.L2-1  
 PI STA. = 93+43.55  
 $\Delta = 22^\circ 39' 38''$  (RT)  
 $D = 3^\circ 40' 31''$   
 $R = 1,559.00'$   
 $T = 312.38'$   
 $L = 616.59'$   
 $E = 30.99'$   
 $\theta = 2.24\%$   
 $T.R. = 28'$   
 $S.E. RUN = 41'$   
 $P.C. STA = 90+31.17$   
 $P.T. STA = 96+47.76$

ACCESS ROAD LT. 2  
 PROP. CURVE P\_AR.L2-2  
 PI STA. = 96+98.19  
 $\Delta = 16^\circ 52' 31''$  (LT)  
 $D = 16^\circ 51' 08''$   
 $R = 339.99'$   
 $T = 50.43'$   
 $L = 100.14'$   
 $E = 3.72'$   
 $\theta = 3.92\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 96+47.76$   
 $P.T. STA = 97+47.90$

ACCESS ROAD LT. 2  
 PROP. CURVE P\_AR.L2-3  
 PI STA. = 99+37.77  
 $\Delta = 19^\circ 15' 21''$  (RT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 55.98'$   
 $L = 110.91'$   
 $E = 4.71'$   
 $\theta = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 98+81.79$   
 $P.T. STA = 99+92.70$

ACCESS ROAD LT. 2  
 PROP. CURVE P\_AR.L2-4  
 PI STA. = 100+78.48  
 $\Delta = 22^\circ 13' 49''$  (RT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 64.83'$   
 $L = 128.04'$   
 $E = 6.31'$   
 $\theta = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 100+13.65$   
 $P.T. STA = 101+41.69$

ACCESS ROAD LT. 2  
 PROP. CURVE P\_AR.L2-5  
 PI STA. = 102+72.45  
 $\Delta = 22^\circ 13' 48''$  (LT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 64.83'$   
 $L = 128.03'$   
 $E = 6.31'$   
 $\theta = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 102+07.62$   
 $P.T. STA = 103+35.65$

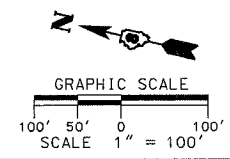


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REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HORIZONTAL ALIGNMENT**  
**SHEET 2 OF 3 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 100'  
 DATE **February 11, 2005**  
 DRAWN BY **KEB**  
 CHECKED BY **RCY**



F.A.P. 103  
 PROP. CURVE 2A  
 PI STA. = 250+98.51  
 $\Delta = 0^\circ 16' 54''$  (RT)  
 $D = 0^\circ 16' 54''$   
 $R = 20,343.43'$   
 $T = 50.00'$   
 $L = 100.00'$   
 $E = 0.06'$   
 $\theta = \text{NC}$   
 $T.R. = \text{---}$   
 $S.E. RUN = 250+48.51$   
 $P.T. STA = 251+48.51$

ACCESS ROAD RT. 3  
 PROP. CURVE P\_AR.R3-1  
 PI STA. = 102+08.36  
 $\Delta = 115^\circ 19' 24''$  (LT)  
 $D = 88^\circ 08' 50''$   
 $R = 65.00'$   
 $T = 102.67'$   
 $L = 130.83'$   
 $E = 56.51'$   
 $\theta = 4.00\%$   
 $T.R. = 28'$   
 $S.E. RUN = 73'$   
 $P.C. STA = 101+05.69$   
 $P.T. STA = 102+36.52$

ACCESS ROAD RT. 3  
 PROP. CURVE P\_AR.R3-2  
 PI STA. = 103+77.85  
 $\Delta = 25^\circ 19' 23''$  (RT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 74.14'$   
 $L = 145.85'$   
 $E = 8.22'$   
 $\theta = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 103+03.72$   
 $P.T. STA = 104+49.57$

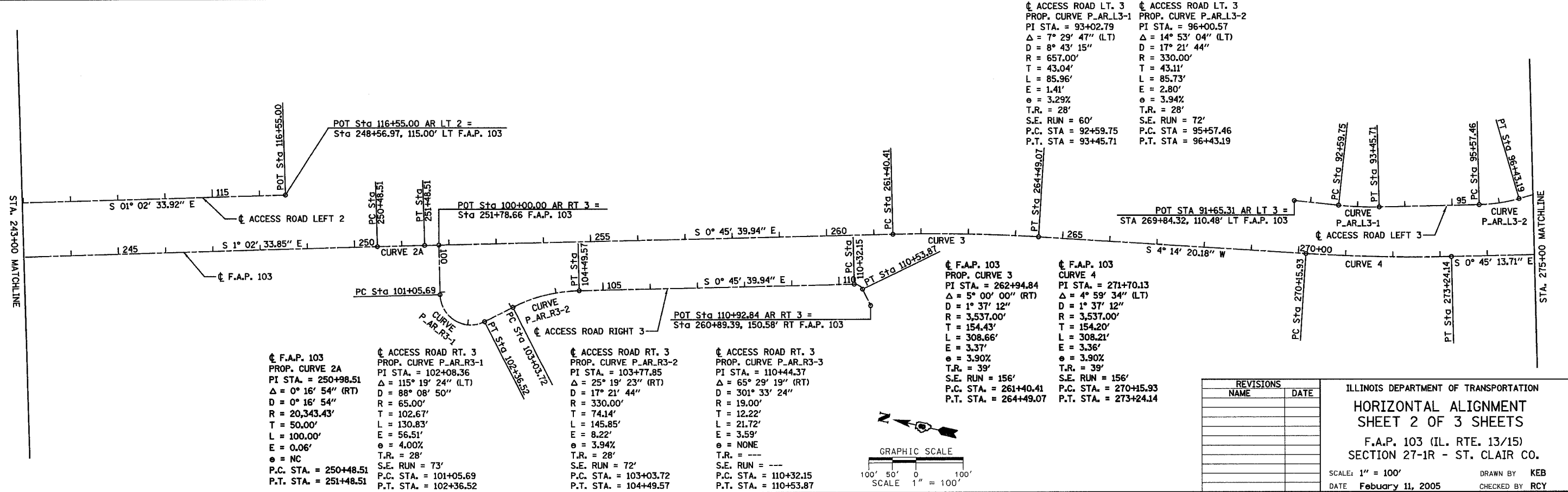
ACCESS ROAD RT. 3  
 PROP. CURVE P\_AR.R3-3  
 PI STA. = 110+44.37  
 $\Delta = 65^\circ 29' 19''$  (RT)  
 $D = 301^\circ 33' 24''$   
 $R = 19.00'$   
 $T = 12.22'$   
 $L = 21.72'$   
 $E = 3.59'$   
 $\theta = \text{NONE}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA = 110+32.15$   
 $P.T. STA = 110+53.87$

F.A.P. 103  
 PROP. CURVE 3  
 PI STA. = 262+94.84  
 $\Delta = 5^\circ 00' 00''$  (RT)  
 $D = 1^\circ 37' 12''$   
 $R = 3,537.00'$   
 $T = 154.43'$   
 $L = 308.66'$   
 $E = 3.37'$   
 $\theta = 3.90\%$   
 $T.R. = 39'$   
 $S.E. RUN = 156'$   
 $P.C. STA = 261+40.41$   
 $P.T. STA = 264+49.07$

F.A.P. 103  
 PROP. CURVE 4  
 PI STA. = 271+70.13  
 $\Delta = 4^\circ 59' 34''$  (LT)  
 $D = 1^\circ 37' 12''$   
 $R = 3,537.00'$   
 $T = 154.20'$   
 $L = 308.21'$   
 $E = 3.36'$   
 $\theta = 3.90\%$   
 $T.R. = 39'$   
 $S.E. RUN = 156'$   
 $P.C. STA = 270+15.93$   
 $P.T. STA = 273+24.14$

ACCESS ROAD LT. 3  
 PROP. CURVE P\_AR.L3-1  
 PI STA. = 93+02.79  
 $\Delta = 7^\circ 29' 47''$  (LT)  
 $D = 8^\circ 43' 15''$   
 $R = 657.00'$   
 $T = 43.04'$   
 $L = 85.96'$   
 $E = 1.41'$   
 $\theta = 3.29\%$   
 $T.R. = 28'$   
 $S.E. RUN = 60'$   
 $P.C. STA = 92+59.75$   
 $P.T. STA = 93+45.71$

ACCESS ROAD LT. 3  
 PROP. CURVE P\_AR.L3-2  
 PI STA. = 96+00.57  
 $\Delta = 14^\circ 53' 04''$  (LT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 43.11'$   
 $L = 85.73'$   
 $E = 2.80'$   
 $\theta = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA = 95+57.46$   
 $P.T. STA = 96+43.19$



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

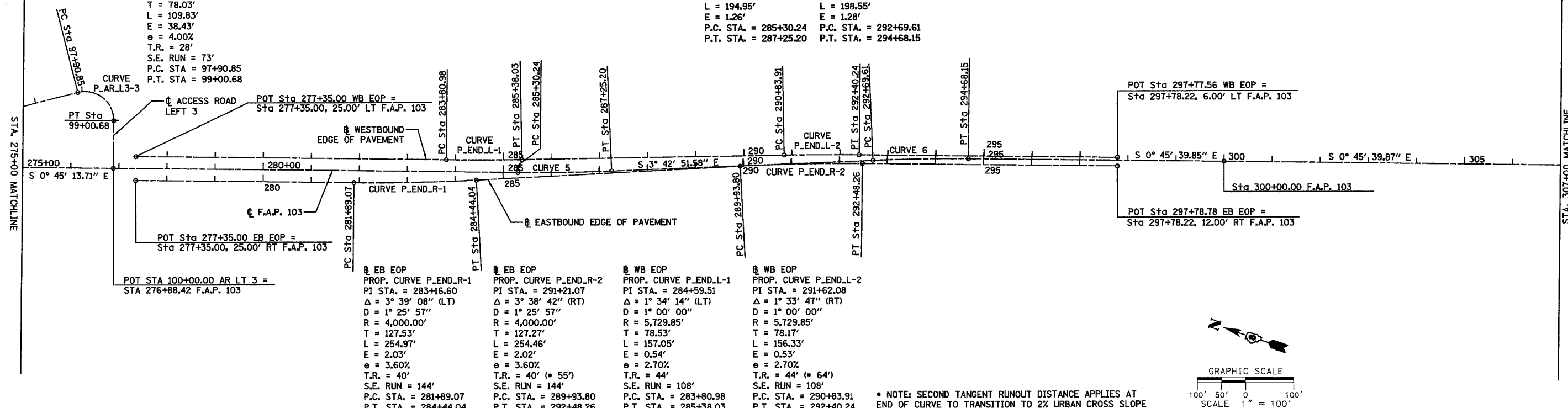
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☐ ACCESS ROAD LT. 3  
 PROP. CURVE P\_AR.L3-3  
 PI STA. = 98+68.88  
 $\Delta = 104^\circ 53' 04''$  (RT)  
 $D = 95^\circ 29' 35''$   
 $R = 60.00'$   
 $T = 78.03'$   
 $L = 109.83'$   
 $E = 38.43'$   
 $e = 4.00\%$   
 $T.R. = 28'$   
 $S.E. RUN = 73'$   
 P.C. STA. = 97+90.85  
 P.T. STA. = 99+00.68

☐ F.A.P. 103  
 PROP. CURVE 5  
 PI STA. = 286+27.74  
 $\Delta = 2^\circ 57' 38''$  (LT)  
 $D = 1^\circ 31' 07''$   
 $R = 3,773.00'$   
 $T = 97.50'$   
 $L = 194.95'$   
 $E = 1.26'$   
 P.C. STA. = 285+30.24  
 P.T. STA. = 287+25.20

☐ F.A.P. 103  
 PROP. CURVE 6  
 PI STA. = 293+68.90  
 $\Delta = 2^\circ 57' 12''$  (RT)  
 $D = 1^\circ 29' 15''$   
 $R = 3,852.00'$   
 $T = 99.30'$   
 $L = 198.55'$   
 $E = 1.28'$   
 P.C. STA. = 292+69.61  
 P.T. STA. = 294+68.15



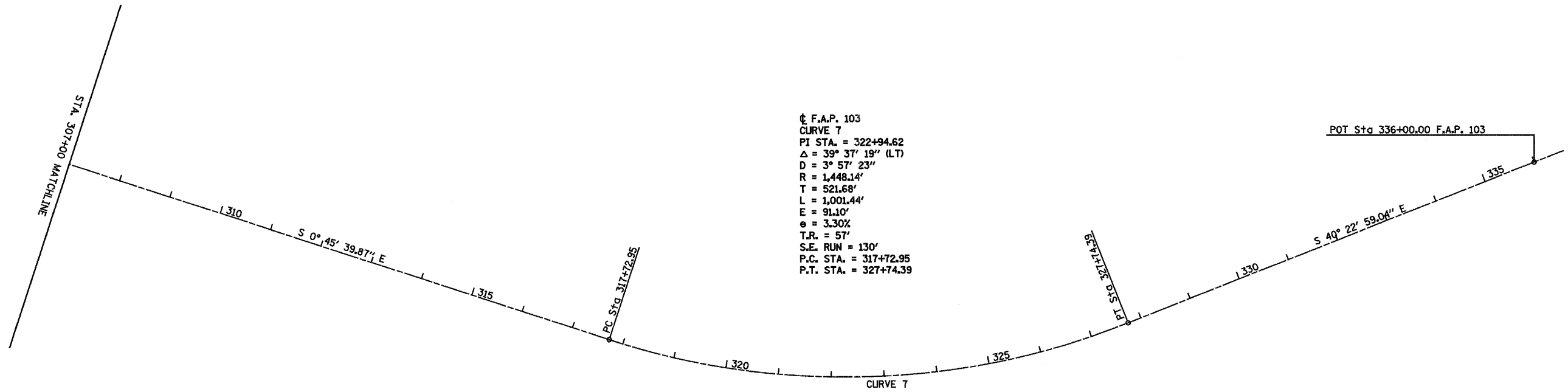
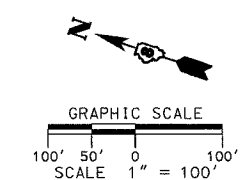
☐ EB EOP  
 PROP. CURVE P\_END.R-1  
 PI STA. = 283+16.60  
 $\Delta = 3^\circ 39' 08''$  (LT)  
 $D = 1^\circ 25' 57''$   
 $R = 4,000.00'$   
 $T = 127.53'$   
 $L = 254.97'$   
 $E = 2.03'$   
 $e = 3.60\%$   
 $T.R. = 40'$   
 $S.E. RUN = 144'$   
 P.C. STA. = 281+89.07  
 P.T. STA. = 284+44.04

☐ EB EOP  
 PROP. CURVE P\_END.R-2  
 PI STA. = 291+21.07  
 $\Delta = 3^\circ 38' 42''$  (RT)  
 $D = 1^\circ 25' 57''$   
 $R = 4,000.00'$   
 $T = 127.27'$   
 $L = 254.46'$   
 $E = 2.02'$   
 $e = 3.60\%$   
 $T.R. = 40' (* 55')$   
 $S.E. RUN = 144'$   
 P.C. STA. = 289+93.80  
 P.T. STA. = 292+48.26

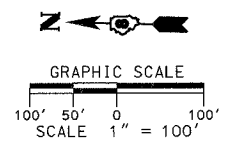
☐ WB EOP  
 PROP. CURVE P\_END.L-1  
 PI STA. = 284+59.51  
 $\Delta = 1^\circ 34' 14''$  (LT)  
 $D = 1^\circ 00' 00''$   
 $R = 5,729.85'$   
 $T = 78.53'$   
 $L = 157.05'$   
 $E = 0.54'$   
 $e = 2.70\%$   
 $T.R. = 44'$   
 $S.E. RUN = 108'$   
 P.C. STA. = 283+80.98  
 P.T. STA. = 285+38.03

☐ WB EOP  
 PROP. CURVE P\_END.L-2  
 PI STA. = 291+62.08  
 $\Delta = 1^\circ 33' 47''$  (RT)  
 $D = 1^\circ 00' 00''$   
 $R = 5,729.85'$   
 $T = 78.17'$   
 $L = 156.33'$   
 $E = 0.53'$   
 $e = 2.70\%$   
 $T.R. = 44' (* 64')$   
 $S.E. RUN = 108'$   
 P.C. STA. = 290+83.91  
 P.T. STA. = 292+40.24

\* NOTE: SECOND TANGENT RUNOUT DISTANCE APPLIES AT END OF CURVE TO TRANSITION TO 2% URBAN CROSS SLOPE



☐ F.A.P. 103  
 CURVE 7  
 PI STA. = 322+94.62  
 $\Delta = 39^\circ 37' 19''$  (LT)  
 $D = 3^\circ 57' 23''$   
 $R = 1,448.14'$   
 $T = 521.68'$   
 $L = 1,001.44'$   
 $E = 91.10'$   
 $e = 3.30\%$   
 $T.R. = 57'$   
 $S.E. RUN = 130'$   
 P.C. STA. = 317+72.95  
 P.T. STA. = 327+74.39

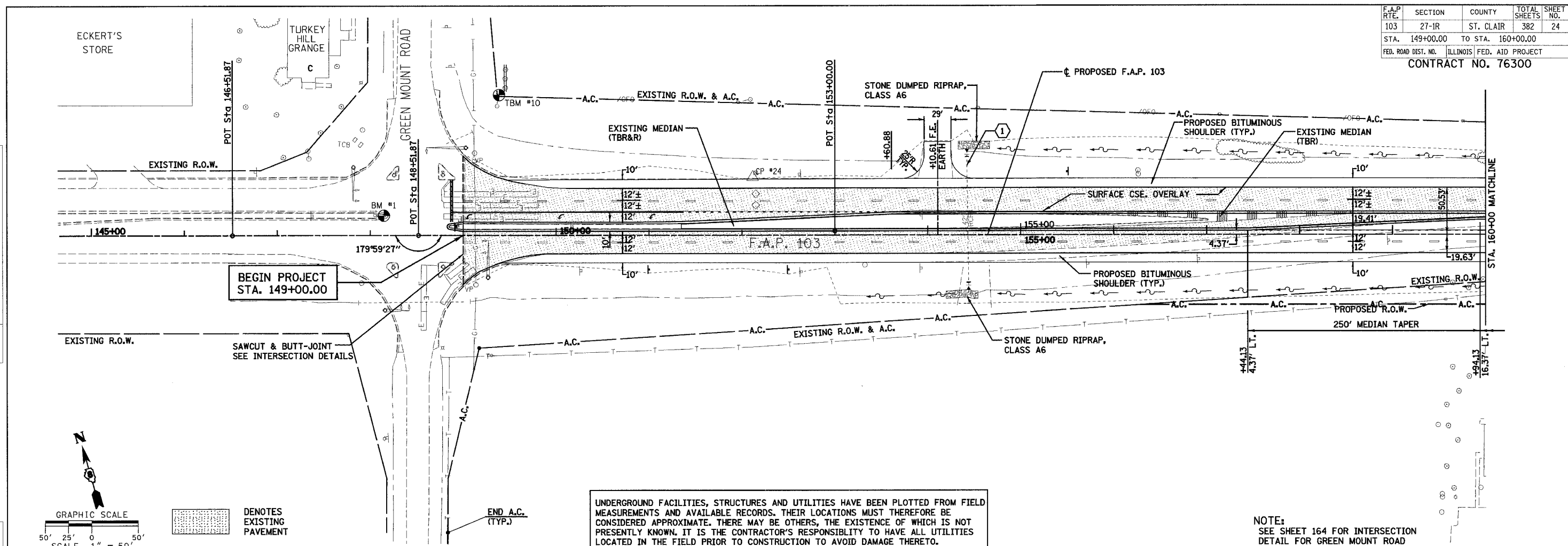


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HORIZONTAL ALIGNMENT**  
**SHEET 3 OF 3 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 100'  
 DATE **February 11, 2005**  
 DRAWN BY **KEB**  
 CHECKED BY **RCY**

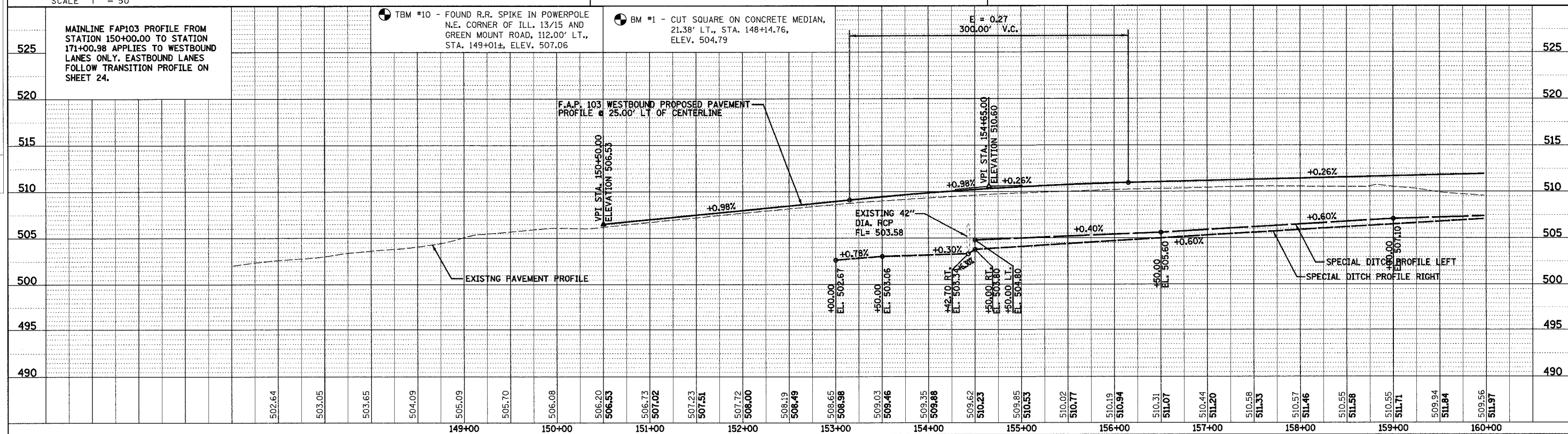
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	24
STA. 149+00.00		TO STA. 160+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

NOTE:  
SEE SHEET 164 FOR INTERSECTION  
DETAIL FOR GREEN MOUNT ROAD



PLAN & PROFILE - F.A.P. 103

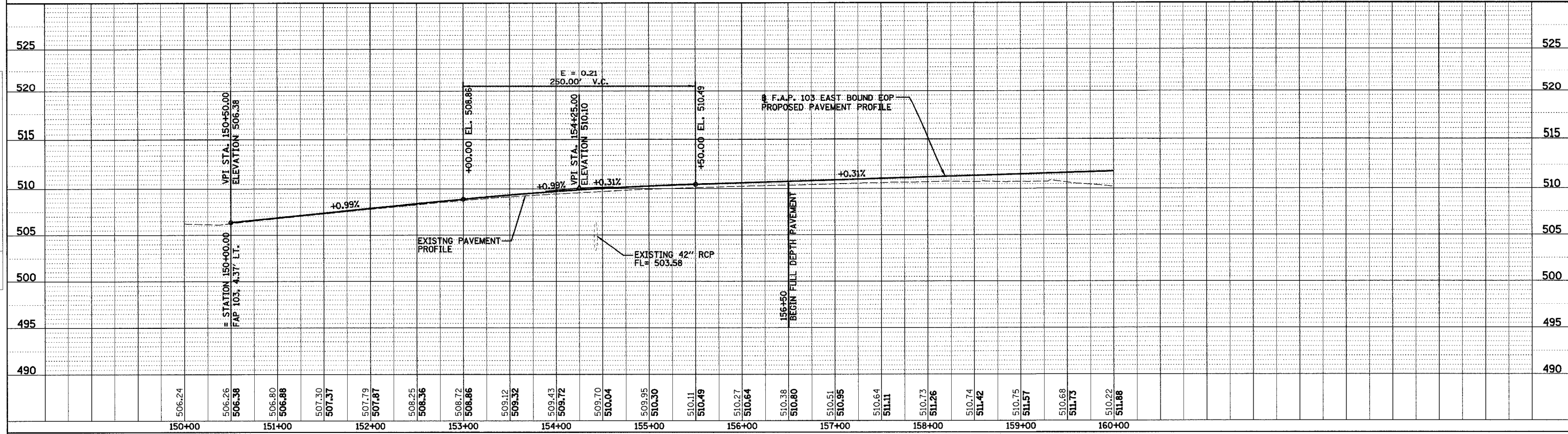
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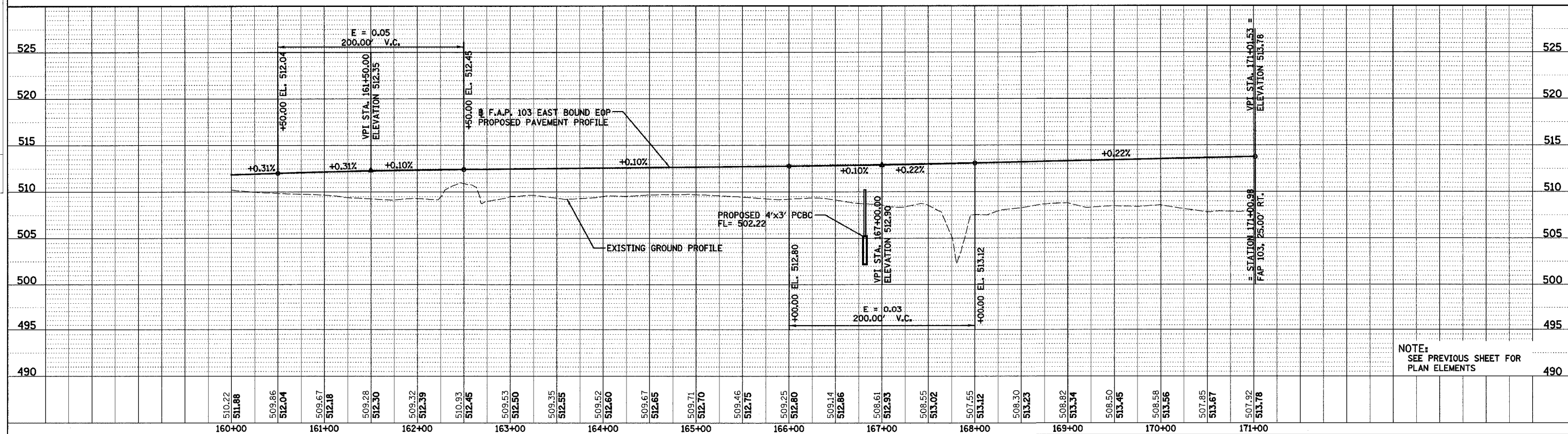
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F.A.P. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	25
STA. 149+00.00		TO STA. 171+01.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76300				

PLAN SURVEYED BY DATE  
 PLOTTED BY DATE  
 CHECKED BY DATE  
 NOTE BOOK NO. DATE  
 CAD FILE NAME



PROFILE SURVEYED BY DATE  
 PLOTTED BY DATE  
 CHECKED BY DATE  
 NOTE BOOK NO. DATE  
 STRUCTURE NOTATION CHD

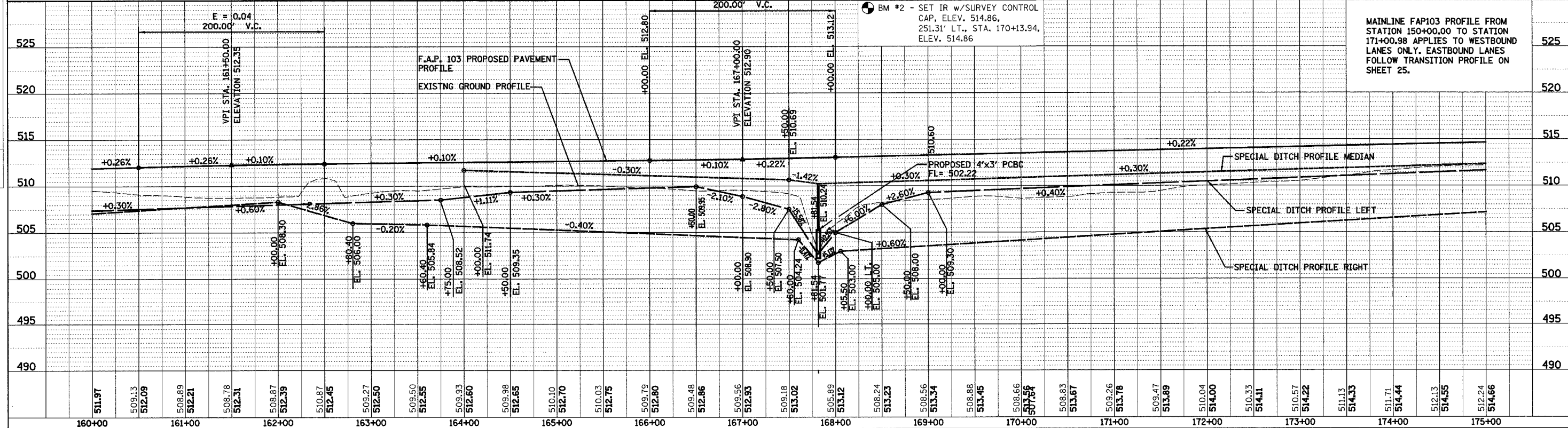
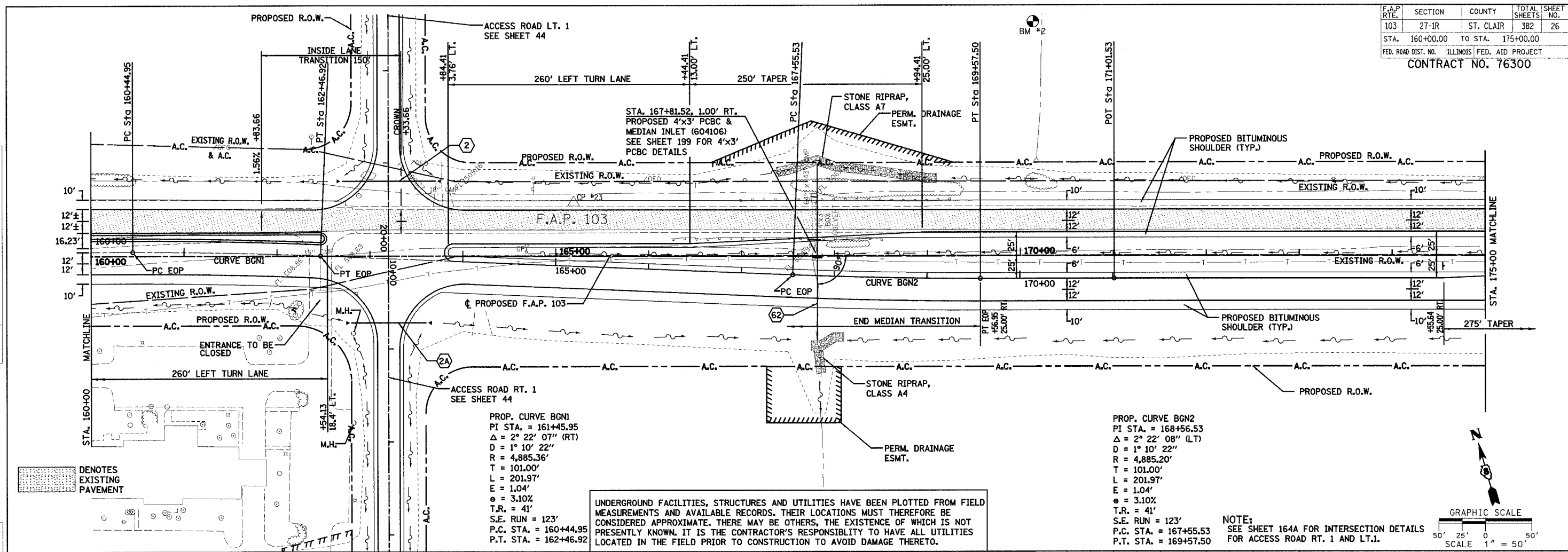


NOTE:  
 SEE PREVIOUS SHEET FOR  
 PLAN ELEMENTS

F.A.P. RT. 103	SECTION 27-1R	COUNTY ST. CLAIR	TOTAL SHEETS 382	SHEET NO. 26
STA. 160+00.00		TO STA. 175+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

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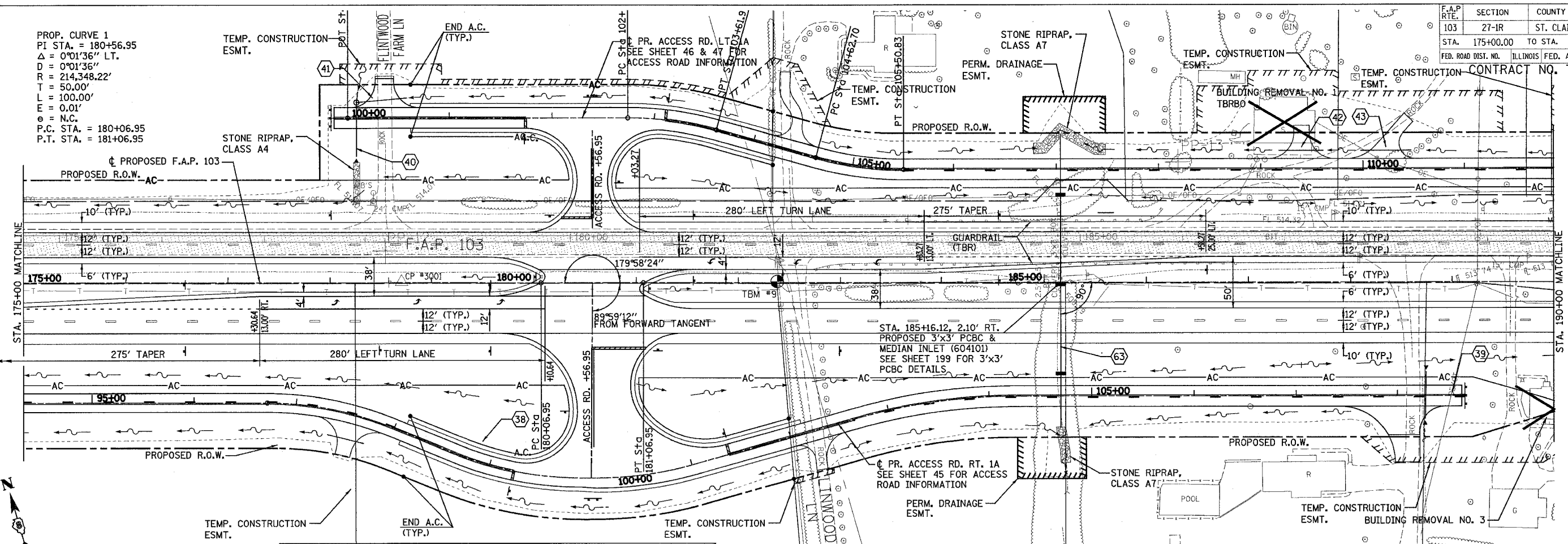
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PLAN & PROFILE - F.A.P. 103

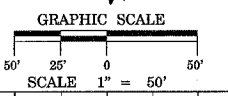
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-IR	ST. CLAIR	382	27
STA. 175+00.00		TO STA. 190+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROP. CURVE 1  
 PI STA. = 180+56.95  
 $\Delta = 0^{\circ}01'36''$  LT.  
 $D = 0^{\circ}01'36''$   
 $R = 214,348.22'$   
 $T = 50.00'$   
 $L = 100.00'$   
 $E = 0.01'$   
 $\theta = N.C.$   
 P.C. STA. = 180+06.95  
 P.T. STA. = 181+06.95



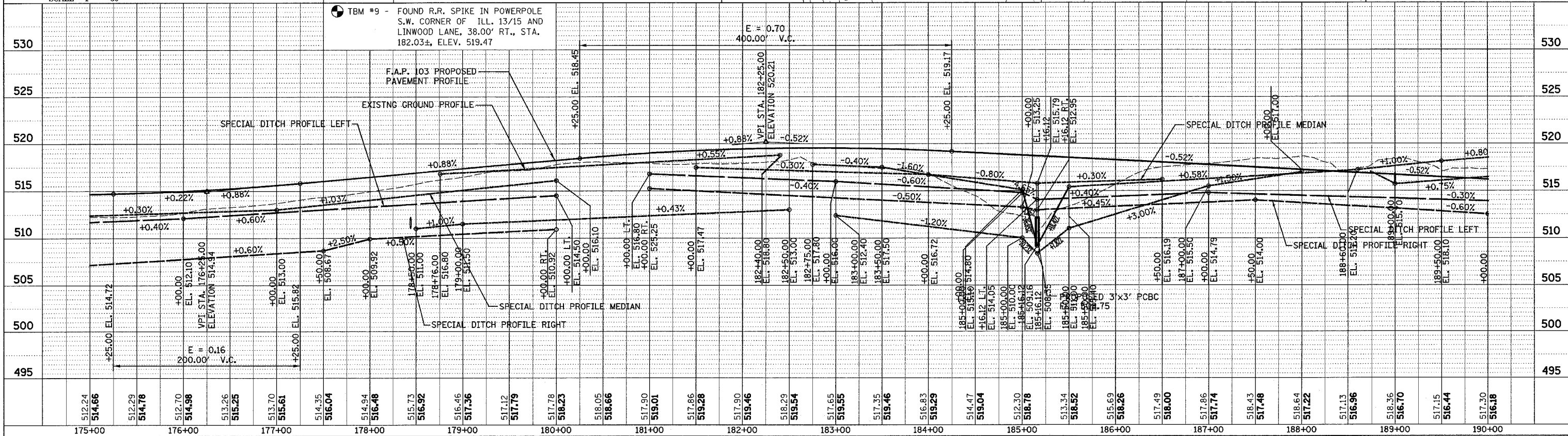
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

NOTE:  
 SEE SHEET 165 FOR INTERSECTION DETAILS FOR CROSS-OVER STA. 180+56.95



DENOTES EXISTING PAVEMENT

● TBM #9 - FOUND R.R. SPIKE IN POWERPOLE S.W. CORNER OF ILL. 13/15 AND LINWOOD LANE, 38.00' RT., STA. 182.03±, ELEV. 519.47



PLAN & PROFILE - F.A.P. 103

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DATE	BY	REVISION

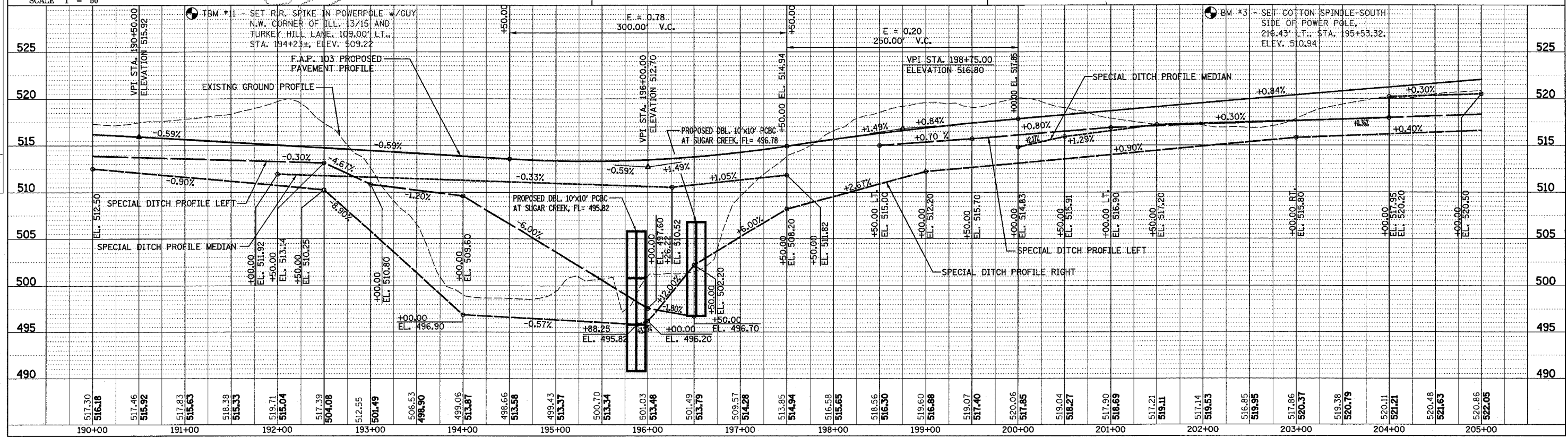
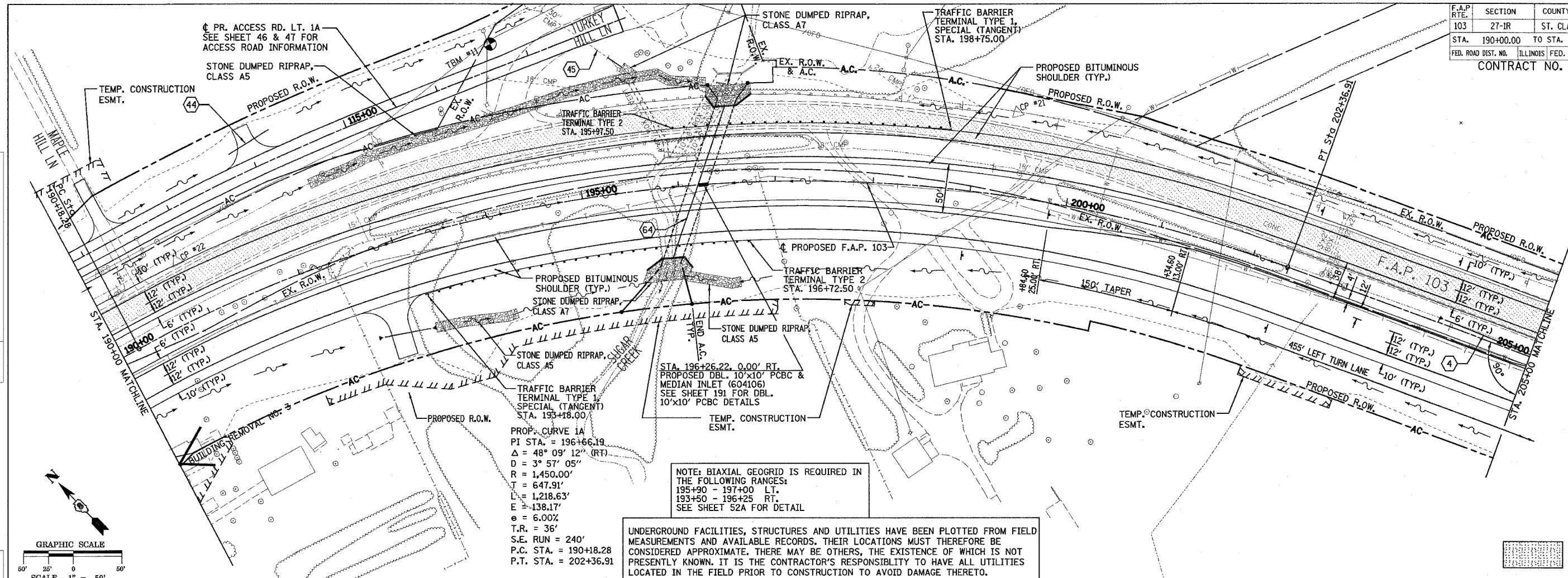
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\$ TIME \$ 7/27/2005 \$ FILE \$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	28
STA. 190+00.00		TO STA. 205+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76300	

PLAN	DATE
REVISION	BY
NO. 1	
NO. 2	
NO. 3	
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NO. 9	
NO. 10	

PROFILE	DATE
REVISION	BY
NO. 1	
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NO. 3	
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PLAN & PROFILE - F.A.P. 103

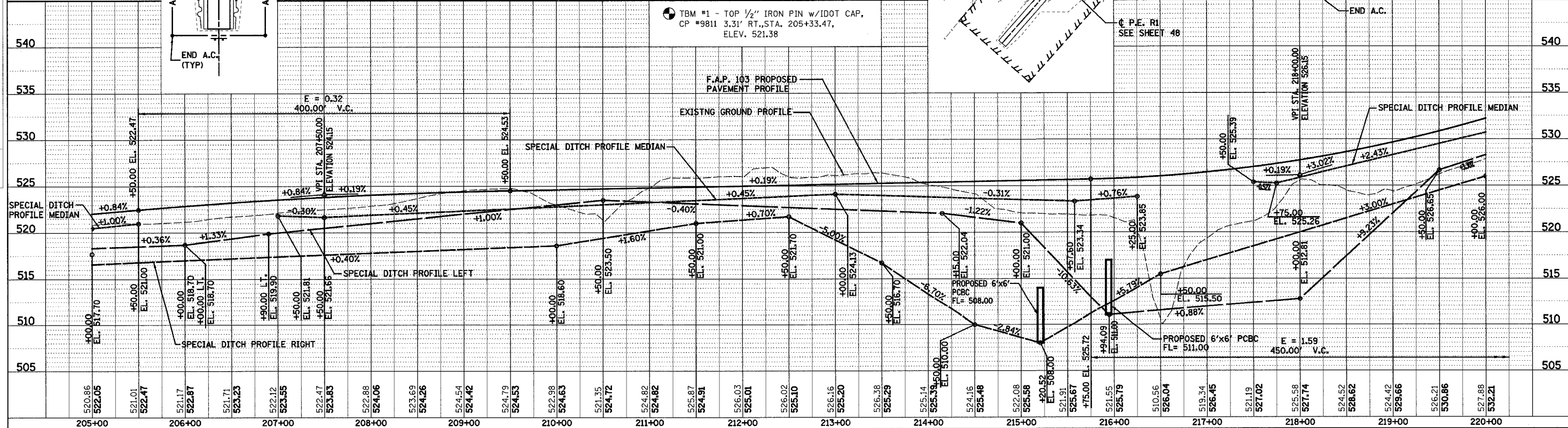
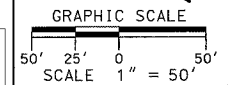
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	29
STA. 205+00.00 TO STA. 220+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				
TEMP. CONSTRUCTION ESMT.				

NOTE:  
SEE SHEET 166 FOR INTERSECTION  
DETAIL FOR JEFFERSON ROAD AND  
ACCESS ROAD RT. 2

NOTE:  
SEE SHEET 172 FOR INTERSECTION  
DETAIL FOR PHANNIBACKER ROAD

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

● TBM #1 - TOP 1/2" IRON PIN w/IDOT CAP,  
CP #9811 3.31' RT., STA. 205+33.47,  
ELEV. 521.38



PLAN & PROFILE - F.A.P. 103

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IN CHARGE		
NOTE BOOK		
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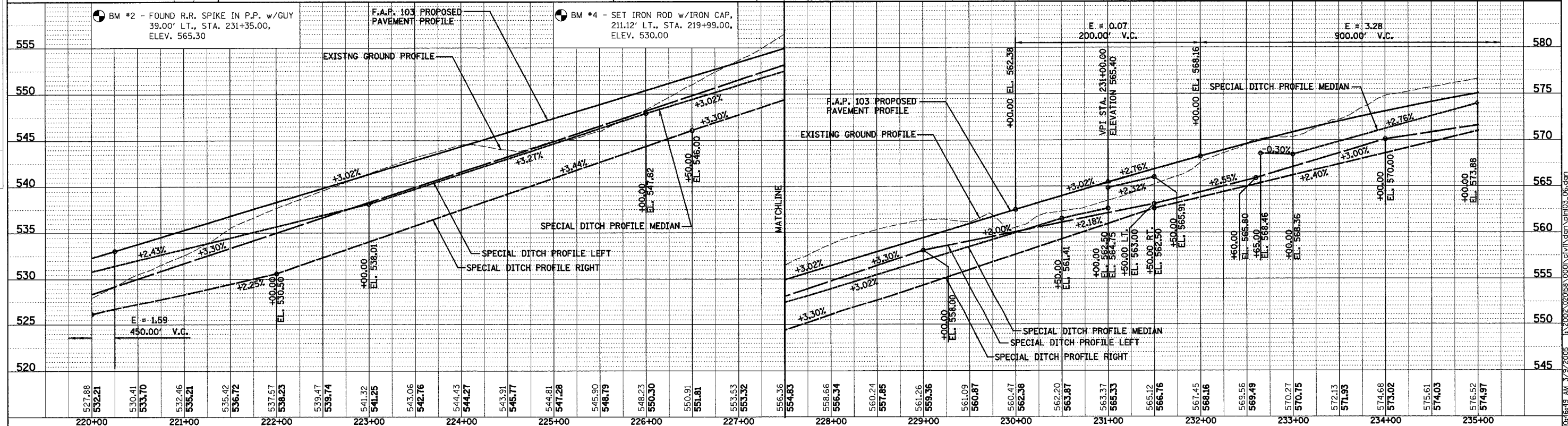
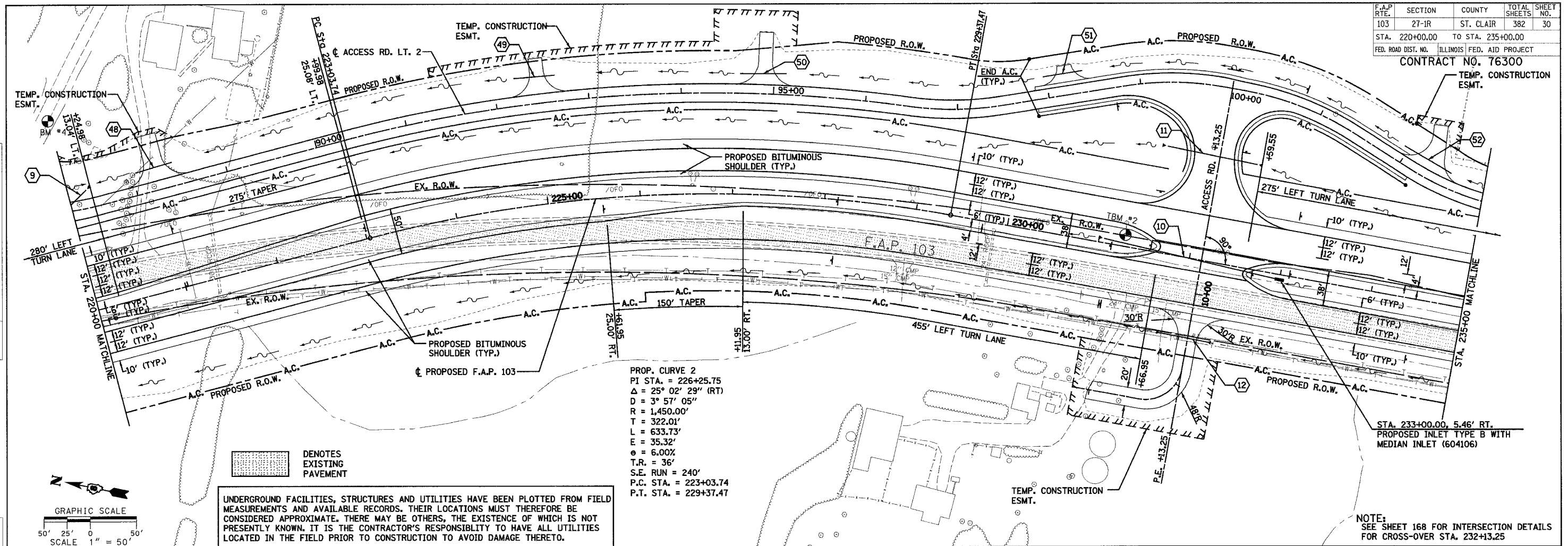
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	30
STA. 220+00.00	TO STA. 235+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				CONTRACT NO. 76300

PLAN	DATE	BY
SURVEYED	DATE	BY
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NOTED		
NO.		

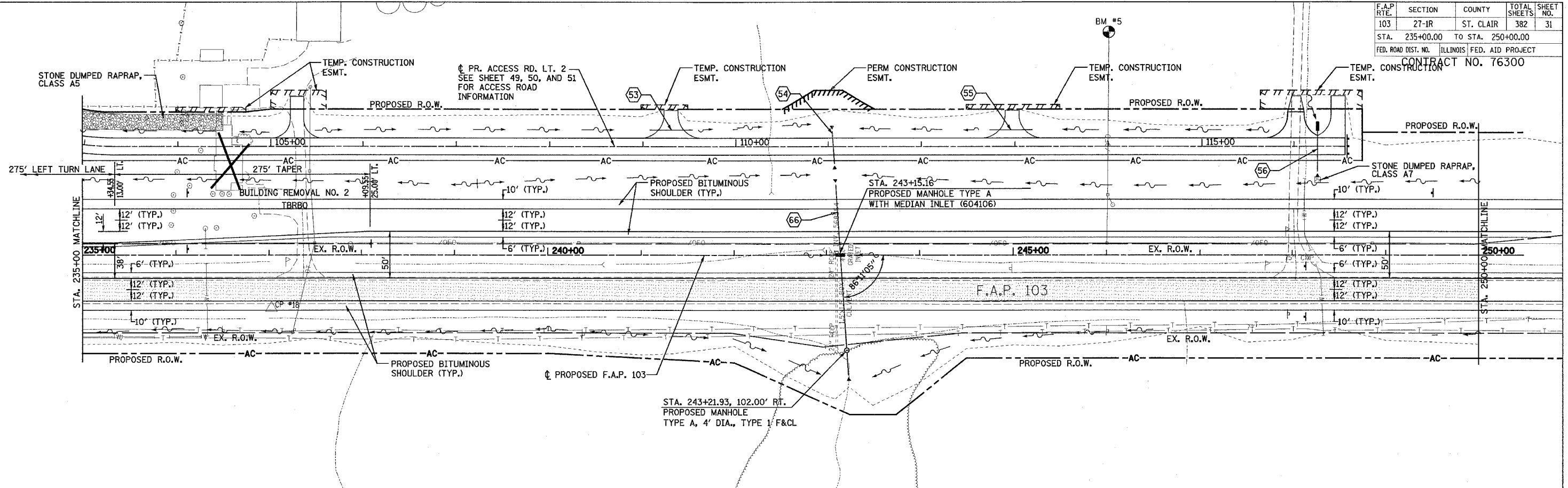
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SURVEYED	DATE	BY
ADDED		
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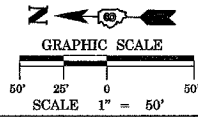
PLAN & PROFILE - F.A.P. 103

10/20/2005 10:00 AM 3/27/2005

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	31
STA. 235+00.00 TO STA. 250+00.00		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



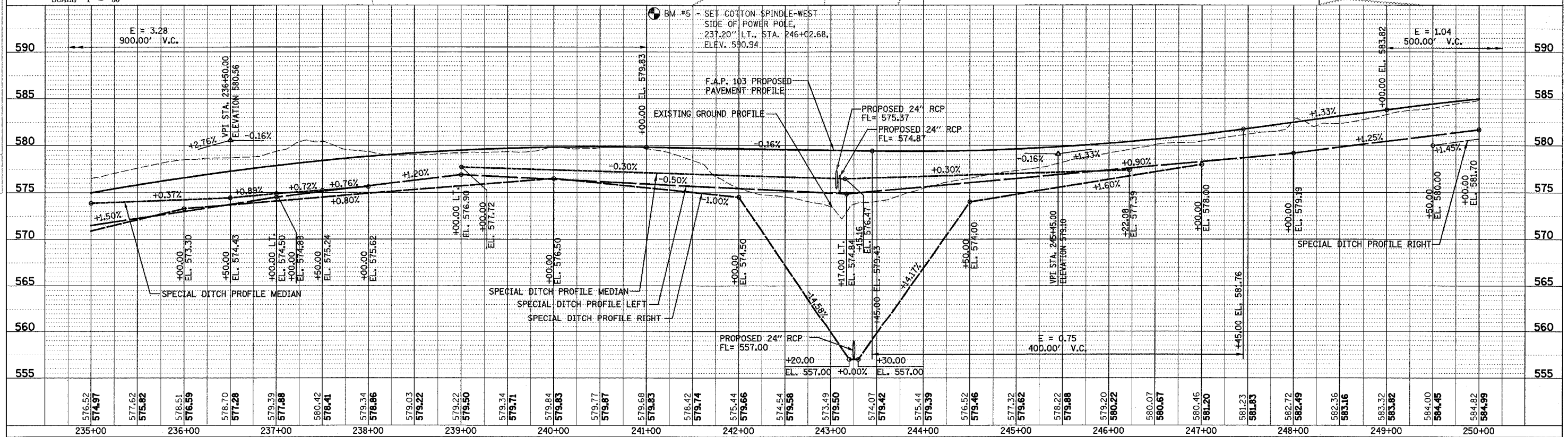
PLAN	DATE	BY
DATE	BY	DATE
DATE	BY	DATE
DATE	BY	DATE



DENOTES EXISTING PAVEMENT

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

PROFILE	DATE	BY
DATE	BY	DATE
DATE	BY	DATE
DATE	BY	DATE

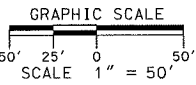
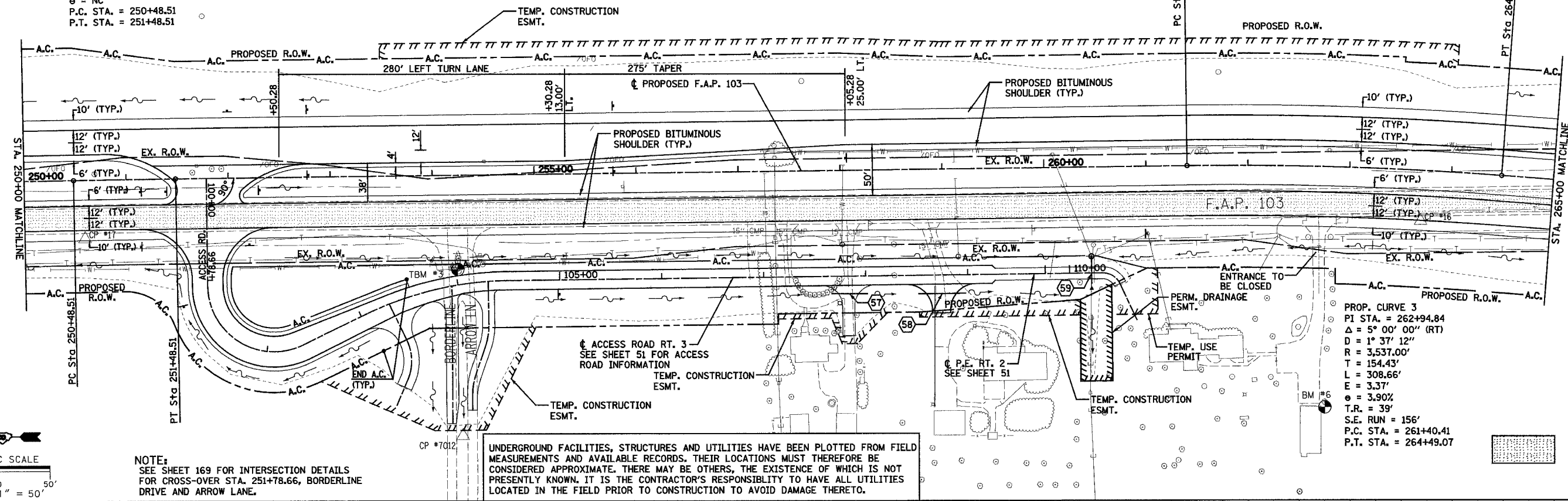


PLAN & PROFILE - F.A.P. 103

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	32
STA. 250+00.00		TO STA. 265+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PROP. CURVE 2A  
 PI STA. = 250+98.51  
 $\Delta = 0^\circ 16' 54''$  (RT)  
 $D = 0^\circ 16'$   
 $R = 20,343'$   
 $T = 50.00'$   
 $L = 100.00'$   
 $E = 0.06'$   
 $\theta = NC$   
 P.C. STA. = 250+48.51  
 P.T. STA. = 251+48.51

PROP. CURVE 3  
 PI STA. = 262+94.84  
 $\Delta = 5^\circ 00' 00''$  (RT)  
 $D = 1^\circ 37' 12''$   
 $R = 3,537.00'$   
 $T = 154.43'$   
 $L = 308.66'$   
 $E = 3.37'$   
 $\theta = 3.90\%$   
 $T.R. = 39'$   
 S.E. RUN = 156'  
 P.C. STA. = 261+40.41  
 P.T. STA. = 264+49.07

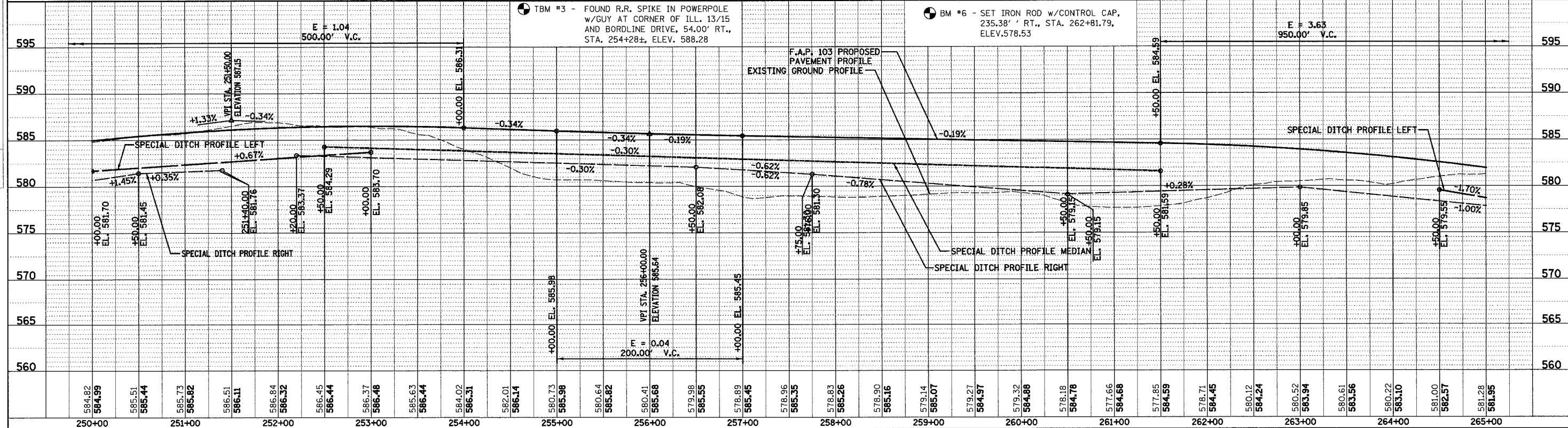


NOTE:  
 SEE SHEET 169 FOR INTERSECTION DETAILS FOR CROSS-OVER STA. 251+78.66, BORDERLINE DRIVE AND ARROW LANE.

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

TBM #3 - FOUND R.R. SPIKE IN POWERPOLE W/GUY AT CORNER OF ILL. 13/15 AND BORDERLINE DRIVE, 54.00' RT., STA. 254+28±, ELEV. 588.28

BM #6 - SET IRON ROD w/CONTROL CAP, 235.38' RT., STA. 262+81.79, ELEV. 578.53

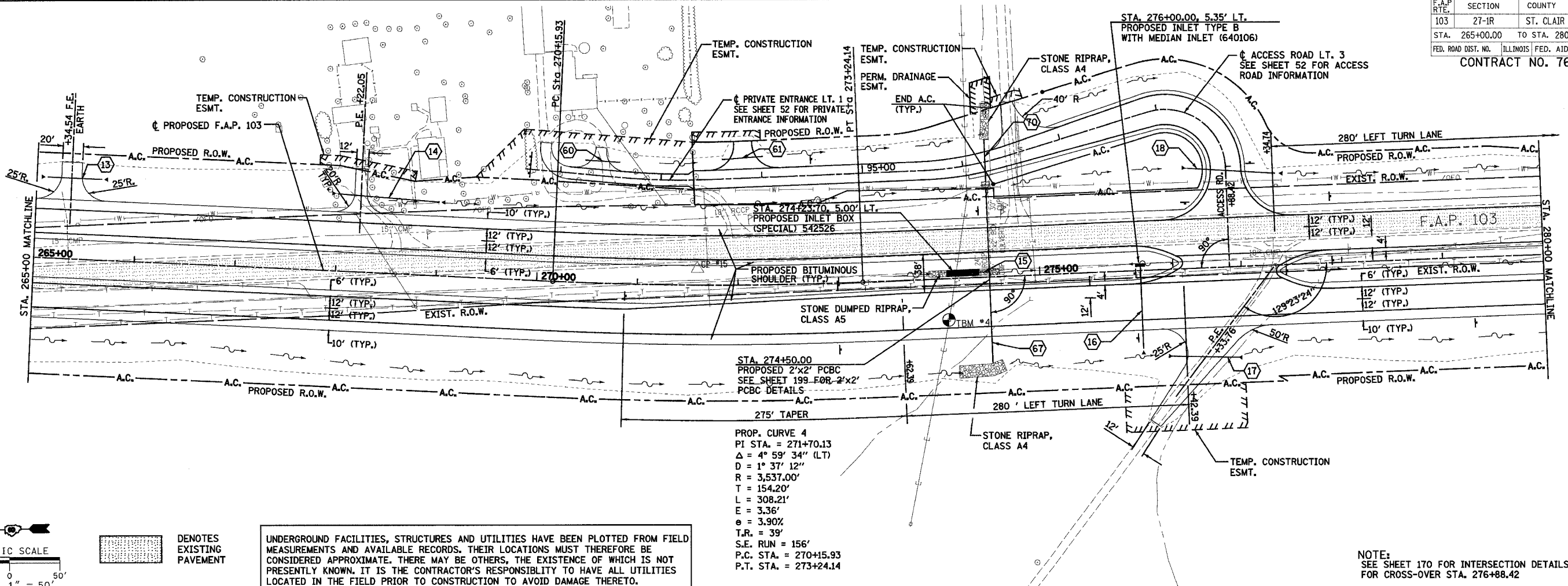


PLAN & PROFILE - F.A.P. 103

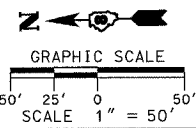
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	33
STA. 265+00.00		TO STA. 280+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	SURVEYED	DATE
	ALLOTTED	
	CHECKED	
	BY	
	DATE	
	NO.	

PROFILE	SURVEYED	DATE
	ALLOTTED	
	CHECKED	
	BY	
	DATE	
	NO.	



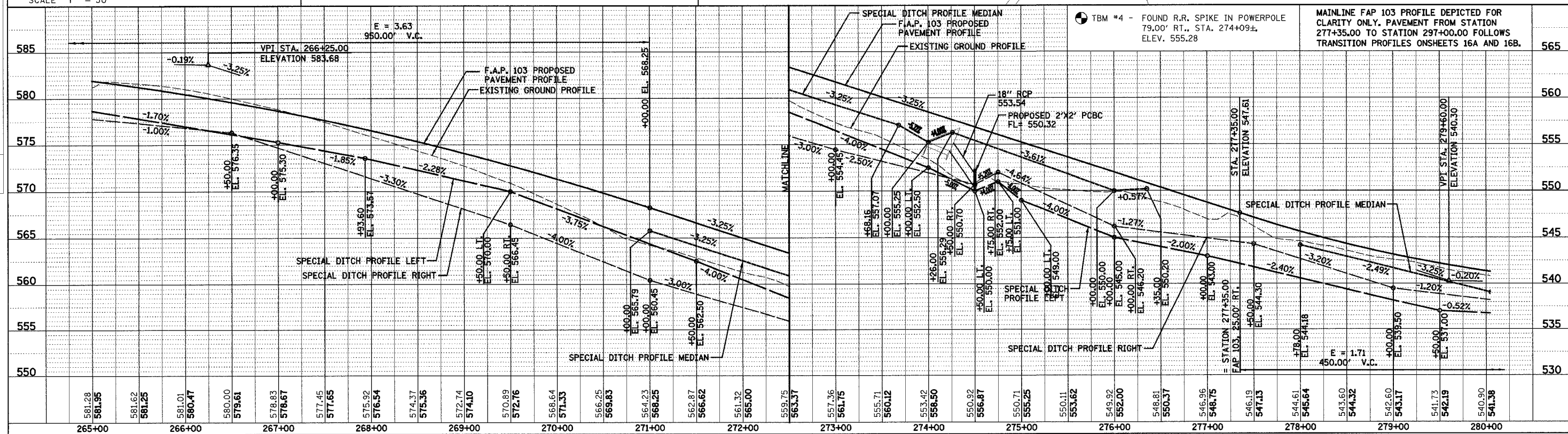
PROP. CURVE 4  
 PI STA. = 271+70.13  
 $\Delta = 4^\circ 59' 34''$  (LT)  
 $D = 1^\circ 37' 12''$   
 $R = 3,537.00'$   
 $T = 154.20'$   
 $L = 308.21'$   
 $E = 3.36'$   
 $e = 3.90\%$   
 $T.R. = 39'$   
 $S.E. RUN = 156'$   
 P.C. STA. = 270+15.93  
 P.T. STA. = 273+24.14



DENOTES EXISTING PAVEMENT

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

NOTE:  
 SEE SHEET 170 FOR INTERSECTION DETAILS FOR CROSS-OVER STA. 276+88.42



B.M. #4 - FOUND R.R. SPIKE IN POWERPOLE 79.00' RT., STA. 274+09±, ELEV. 555.28

MAINLINE FAP 103 PROFILE DEPICTED FOR CLARITY ONLY. PAVEMENT FROM STATION 277+35.00 TO STATION 297+00.00 FOLLOWS TRANSITION PROFILES ONSHEETS 16A AND 16B.

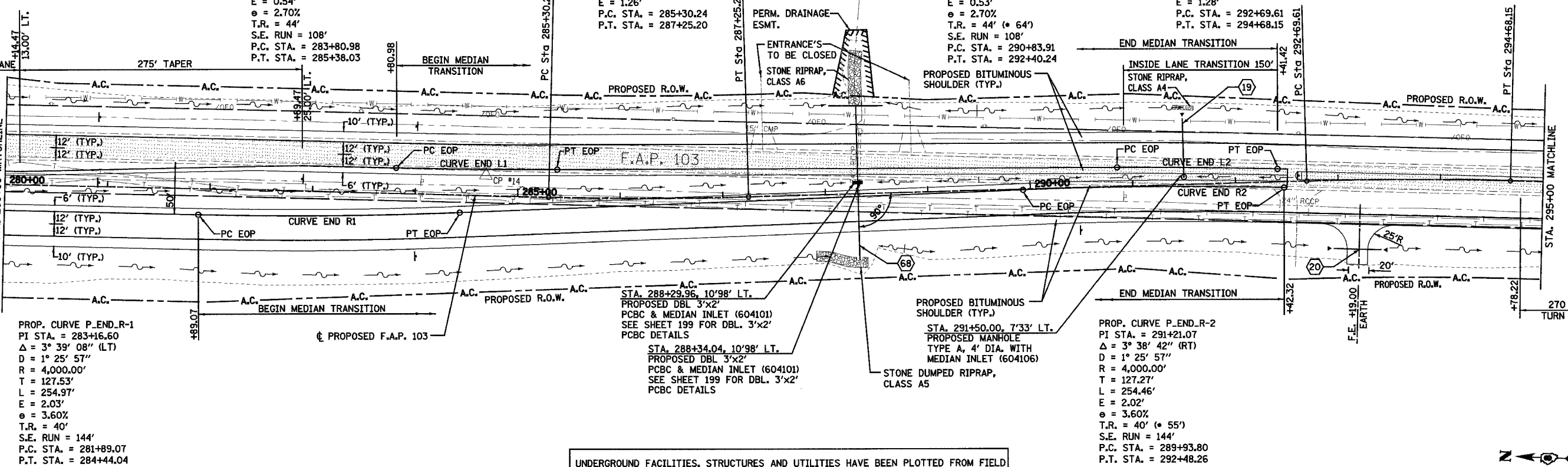
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	34
STA. 280+00.00		TO STA. 295+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

PROP. CURVE P\_END\_L-1  
 PI STA. = 284+59.51  
 $\Delta = 1^\circ 34' 14''$  (LT)  
 $D = 1^\circ 00' 00''$   
 $R = 5,729.85'$   
 $T = 78.53'$   
 $L = 157.05'$   
 $E = 0.54'$   
 $\theta = 2.70\%$   
 $T.R. = 44'$   
 $S.E. RUN = 108'$   
 $P.C. STA. = 283+80.98$   
 $P.T. STA. = 285+38.03$

PROP. CURVE 5  
 PI STA. = 286+27.74  
 $\Delta = 2^\circ 57' 38''$  (LT)  
 $D = 1^\circ 31' 07''$   
 $R = 3,773.00'$   
 $T = 97.50'$   
 $L = 194.95'$   
 $E = 1.26'$   
 $\theta = 2.70\%$   
 $T.R. = 44' (\bullet 64')$   
 $S.E. RUN = 108'$   
 $P.C. STA. = 285+30.24$   
 $P.T. STA. = 287+25.20$

PROP. CURVE P\_END\_L-2  
 PI STA. = 291+62.08  
 $\Delta = 1^\circ 33' 47''$  (RT)  
 $D = 1^\circ 00' 00''$   
 $R = 5,729.85'$   
 $T = 78.17'$   
 $L = 156.33'$   
 $E = 0.53'$   
 $\theta = 2.70\%$   
 $T.R. = 44' (\bullet 64')$   
 $S.E. RUN = 108'$   
 $P.C. STA. = 290+83.91$   
 $P.T. STA. = 292+40.24$

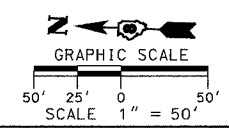
PROP. CURVE 6  
 PI STA. = 293+68.90  
 $\Delta = 2^\circ 57' 12''$  (RT)  
 $D = 1^\circ 29' 15''$   
 $R = 3,852.00'$   
 $T = 99.30'$   
 $L = 198.55'$   
 $E = 1.28'$   
 $\theta = 2.70\%$   
 $T.R. = 44' (\bullet 64')$   
 $S.E. RUN = 108'$   
 $P.C. STA. = 292+69.61$   
 $P.T. STA. = 294+68.15$



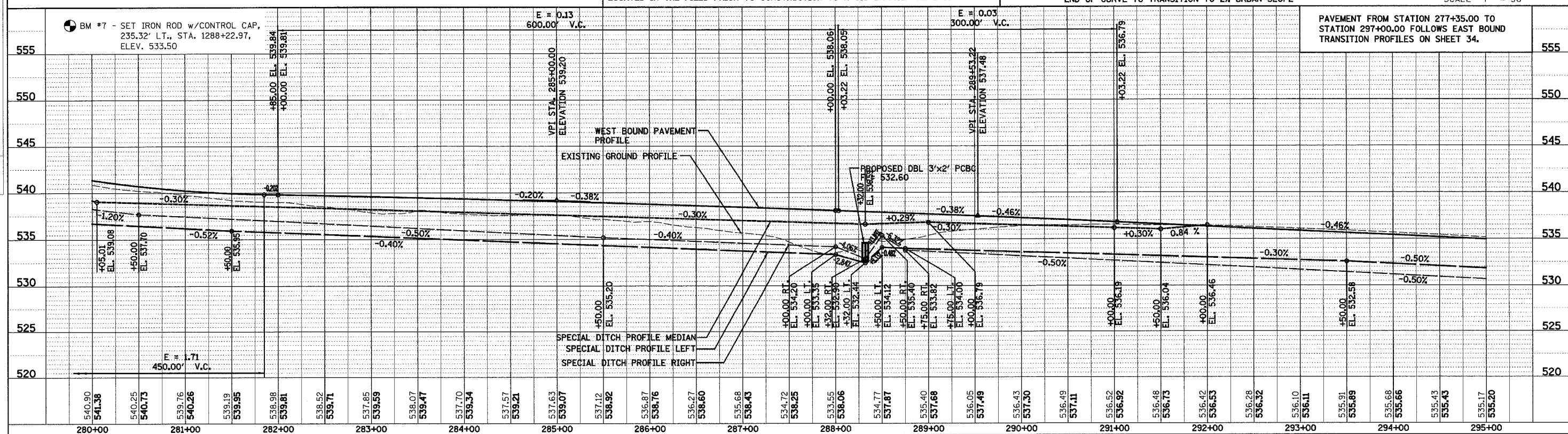
PROP. CURVE P\_END\_R-1  
 PI STA. = 283+16.60  
 $\Delta = 3^\circ 39' 08''$  (LT)  
 $D = 1^\circ 25' 57''$   
 $R = 4,000.00'$   
 $T = 127.53'$   
 $L = 254.97'$   
 $E = 2.03'$   
 $\theta = 3.60\%$   
 $T.R. = 40'$   
 $S.E. RUN = 144'$   
 $P.C. STA. = 281+89.07$   
 $P.T. STA. = 284+44.04$

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

\* NOTE: SECOND TANGENT RUNOUT DISTANCE APPLIES AT END OF CURVE TO TRANSITION TO 2% URBAN SLOPE



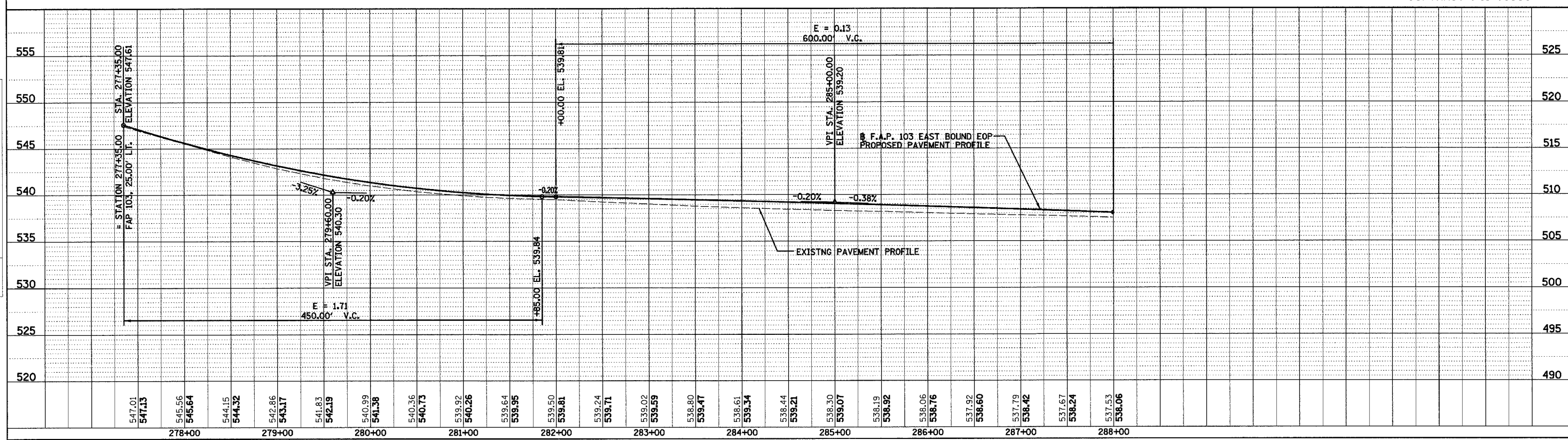
DENOTES EXISTING PAVEMENT



PLAN & PROFILE - F.A.P. 103

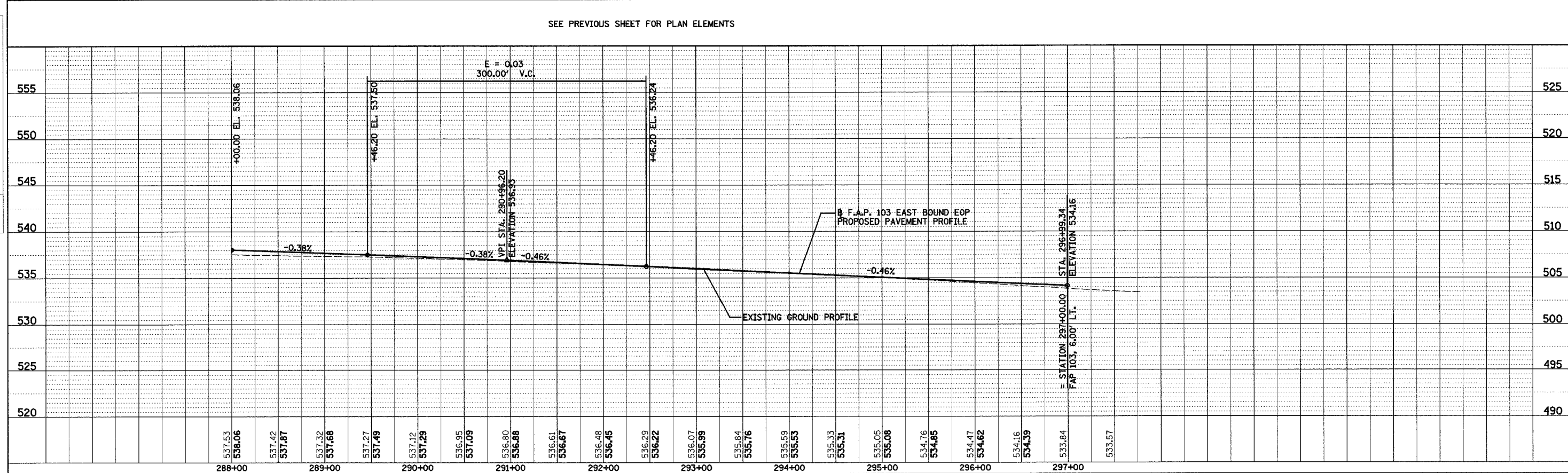
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	35
STA. 227+35.00		TO STA. 296+99.34		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	SURVEYED	BY	DATE
NO.	ALIGNED		
	PLotted		
	Checked		
	By		
	File Name		



PROFILE	SURVEYED	BY	DATE
NO.	Plotted		
	Checked		
	By		
	File Name		

SEE PREVIOUS SHEET FOR PLAN ELEMENTS

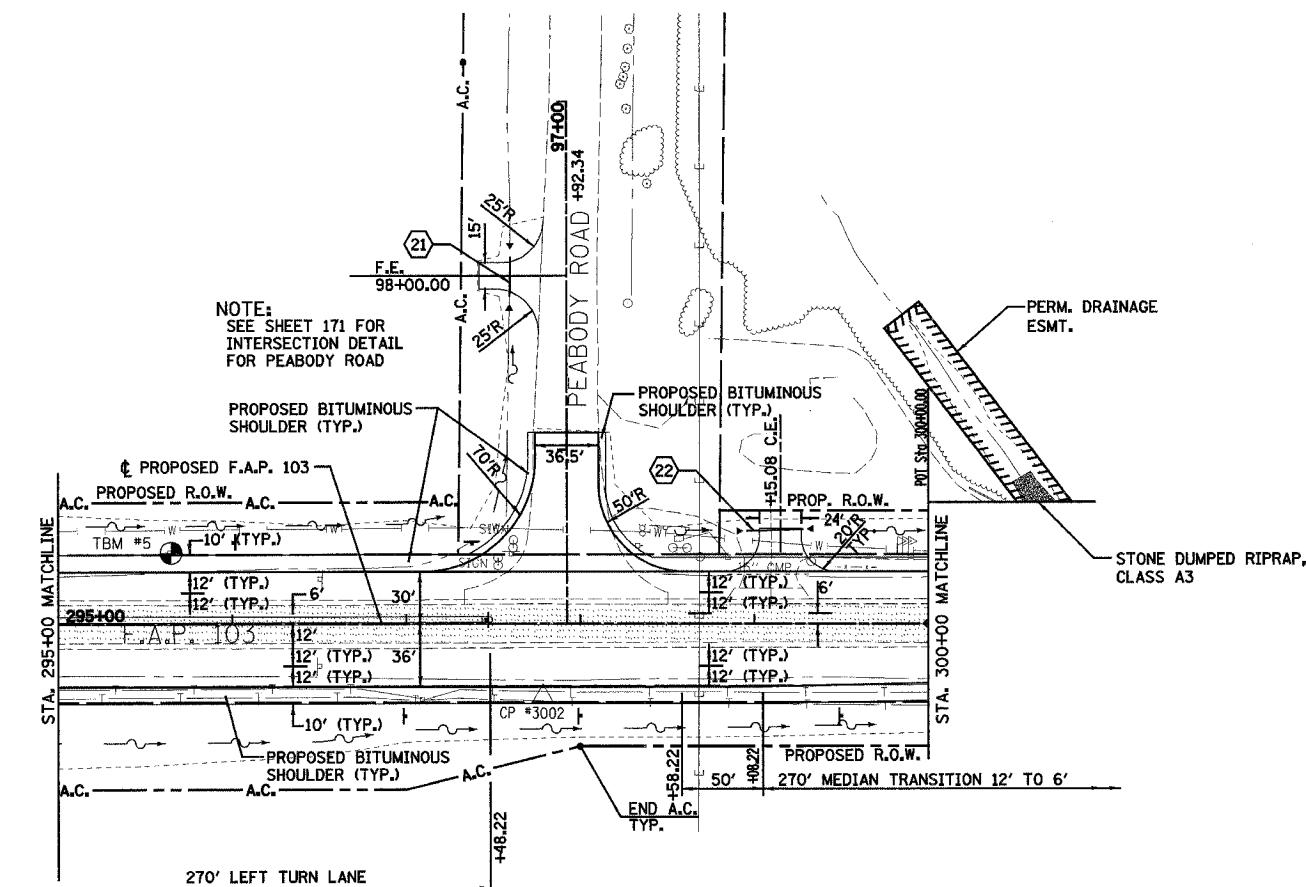


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	36
STA. 295+00.00		TO STA. 300+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

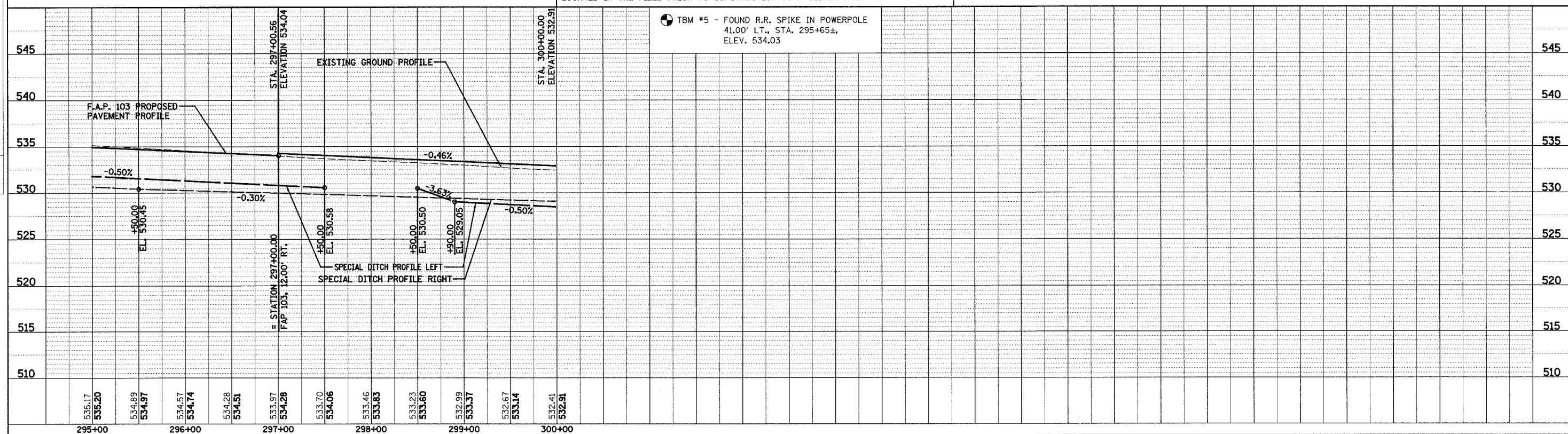
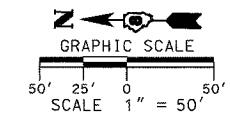
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	ALIGNED	
	NOTED	
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PROFILE	SURVEYED	DATE
	ALIGNED	
	NOTED	
	BY	
	NO.	



DENOTES EXISTING PAVEMENT

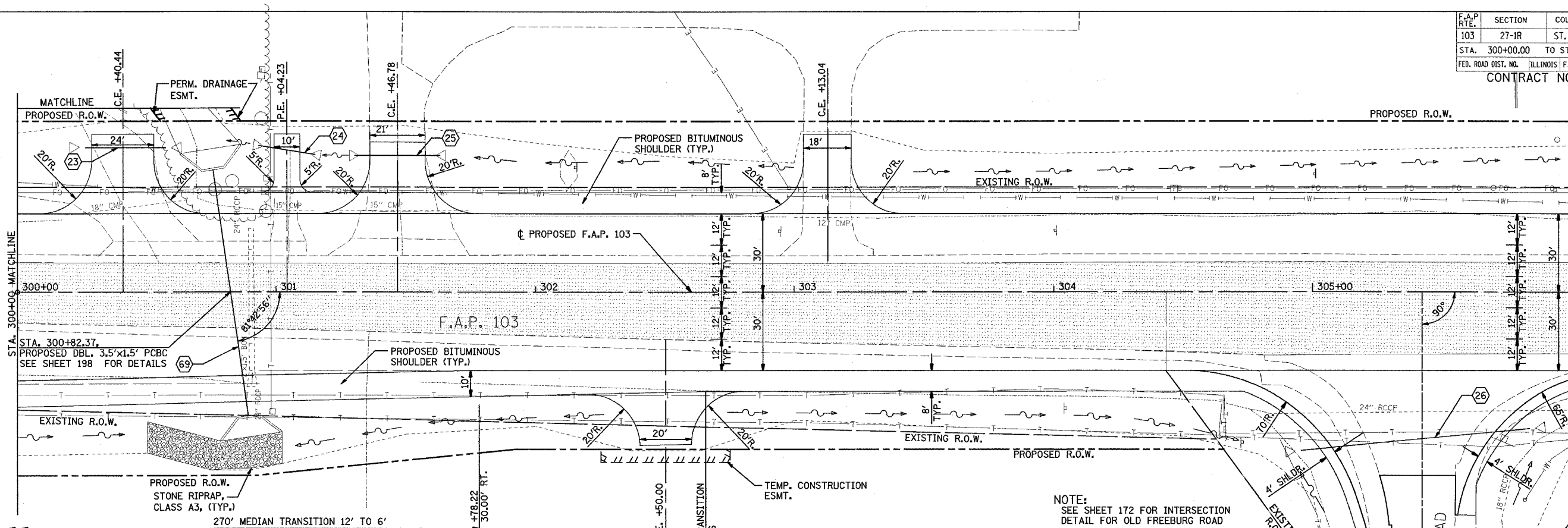
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	37
STA. 300+00.00 TO STA. 306+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

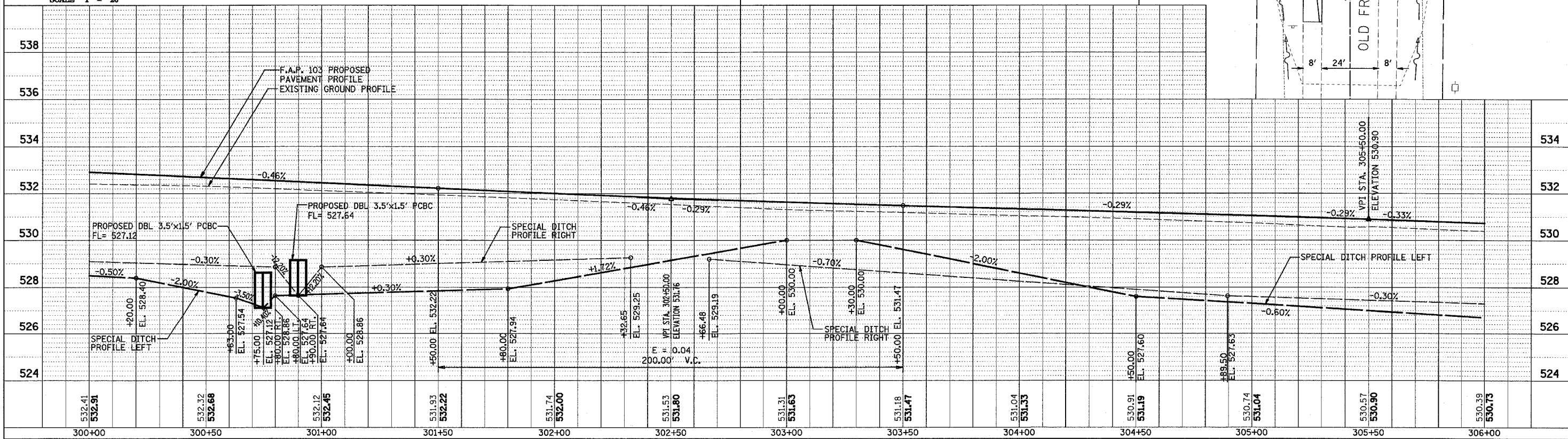
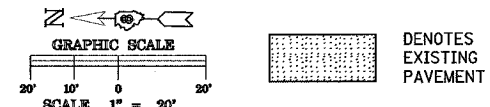
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REVISIONS		
NO.	DESCRIPTION	
1	ALIGNED, CHECKED, PLOTTED	
2	ADD FILE NAME	

PROFILE	DATE	BY
REVISIONS		
NO.	DESCRIPTION	
1	ALIGNED, CHECKED, PLOTTED	
2	ADD FILE NAME	



NOTE:  
SEE SHEET 172 FOR INTERSECTION  
DETAIL FOR OLD FREEBURG ROAD

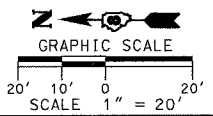
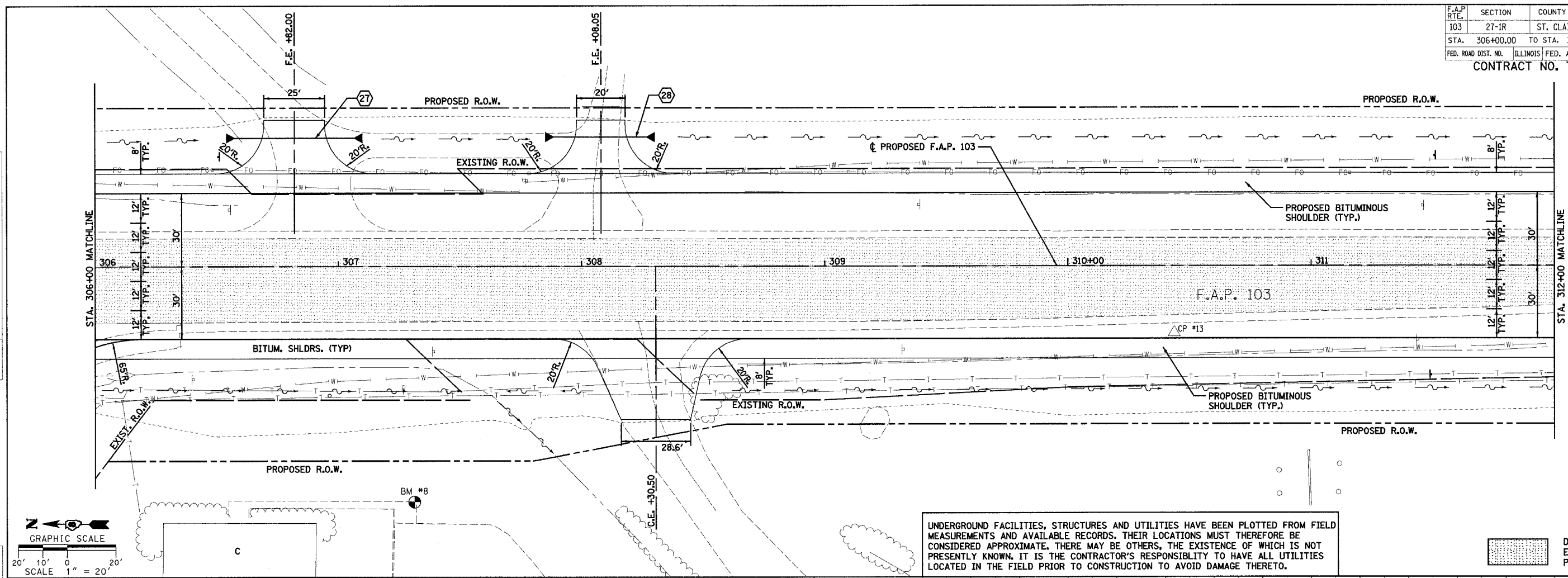
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.



PLAN & PROFILE - F.A.P. 103



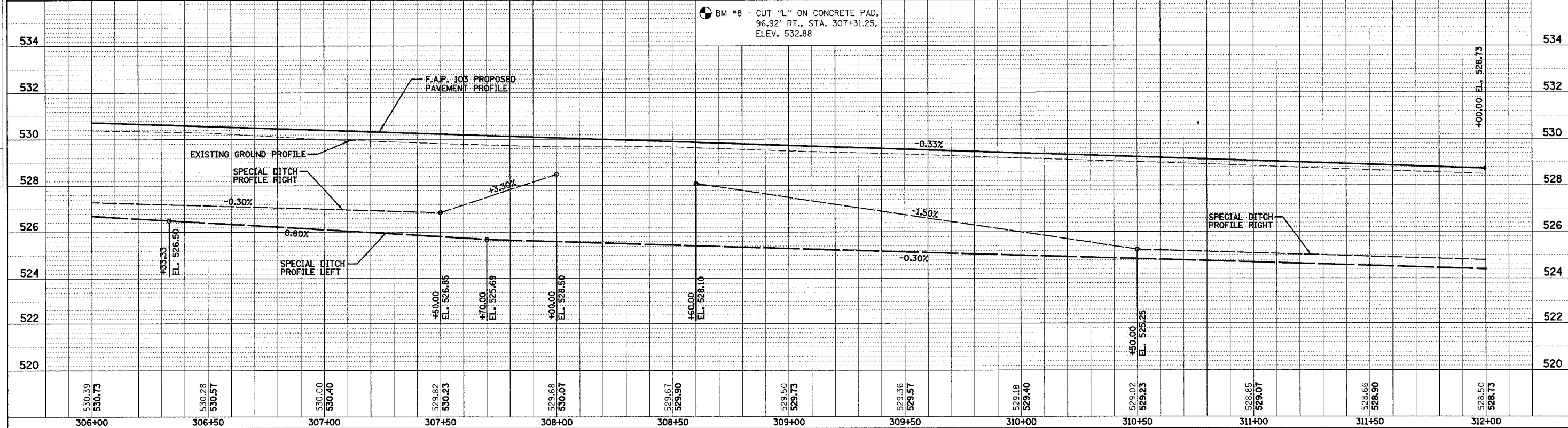
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	38
STA. 306+00.00		TO STA. 312+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

DENOTES EXISTING PAVEMENT

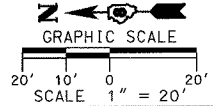
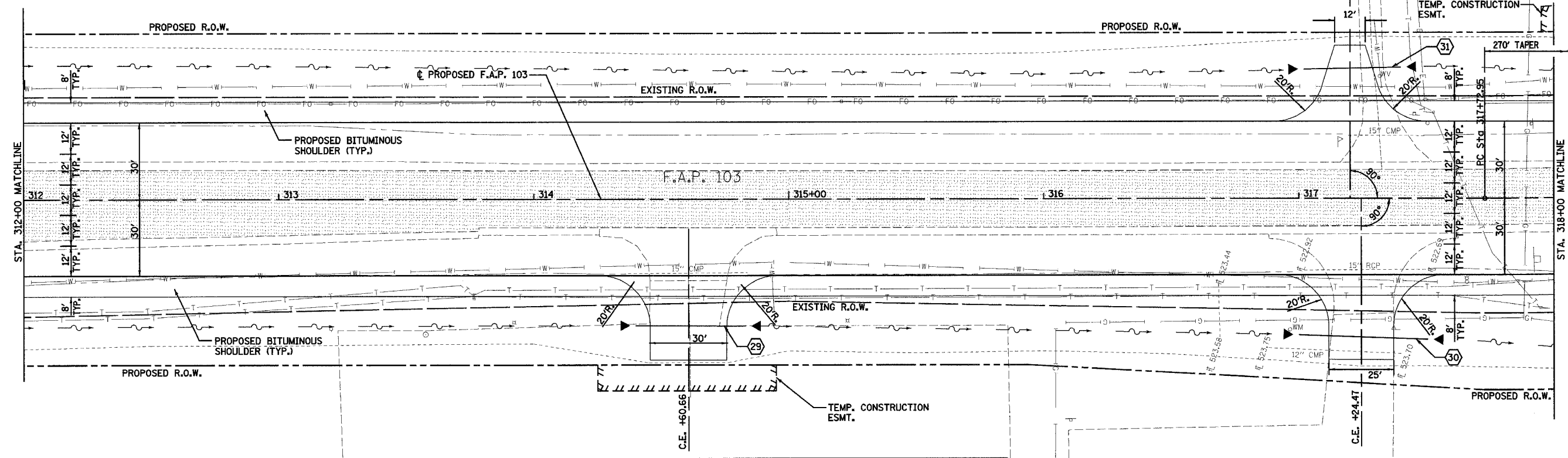
BM #8 - CUT "L" ON CONCRETE PAD, 96.92' RT., STA. 307+31.25, ELEV. 532.88



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	NO E FILE NAME		

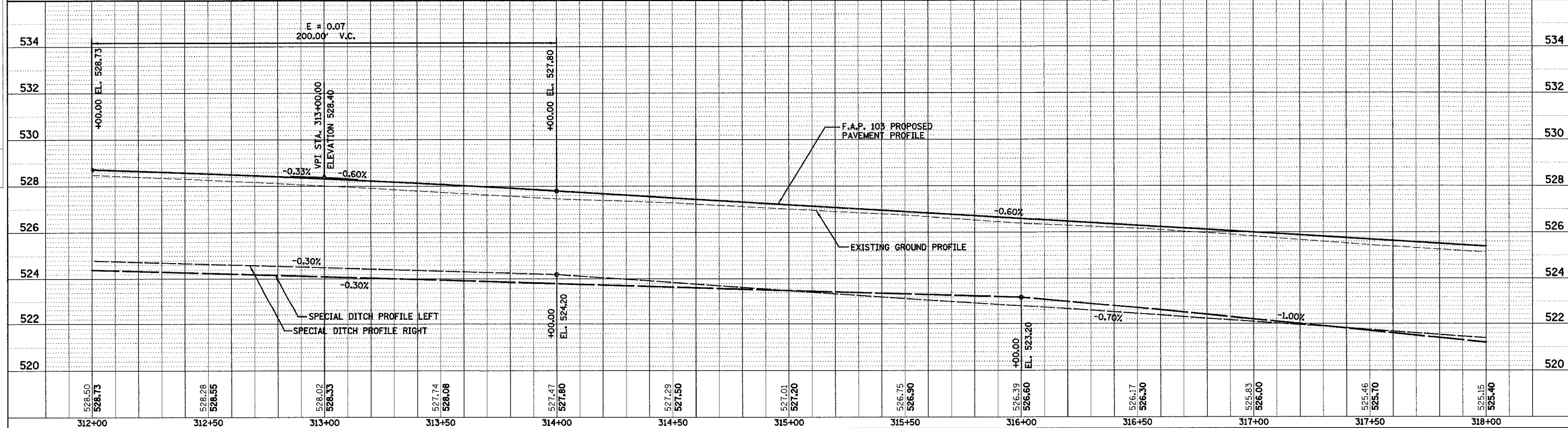
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	NO E FILE NAME		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	39
STA. 312+00.00 TO STA. 318+00.00		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



 DENOTES EXISTING PAVEMENT

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.



PLAN & PROFILE - F.A.P. 103

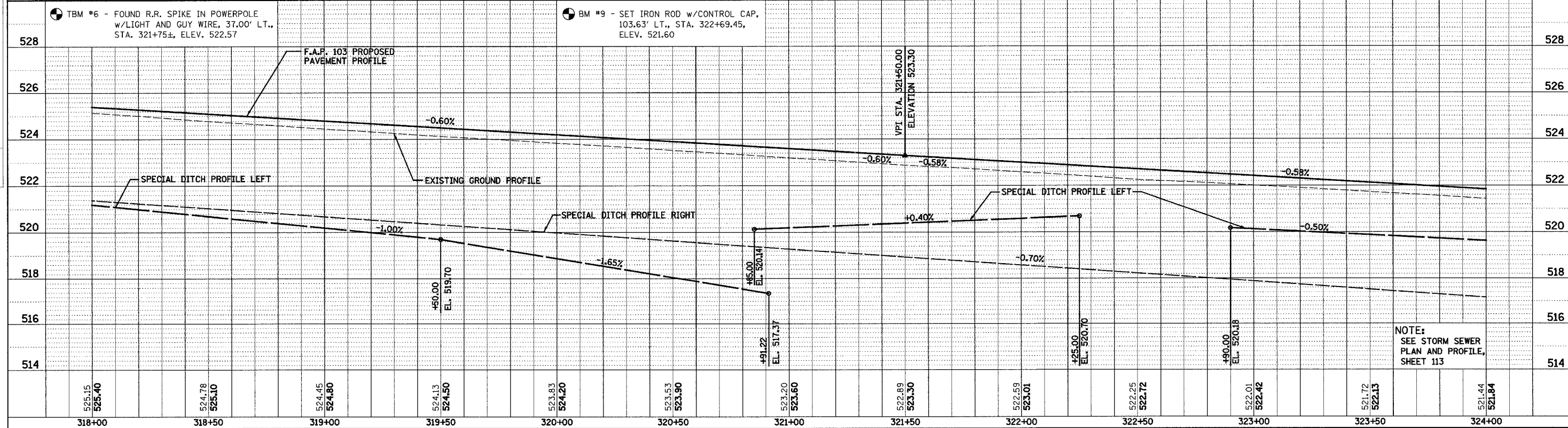
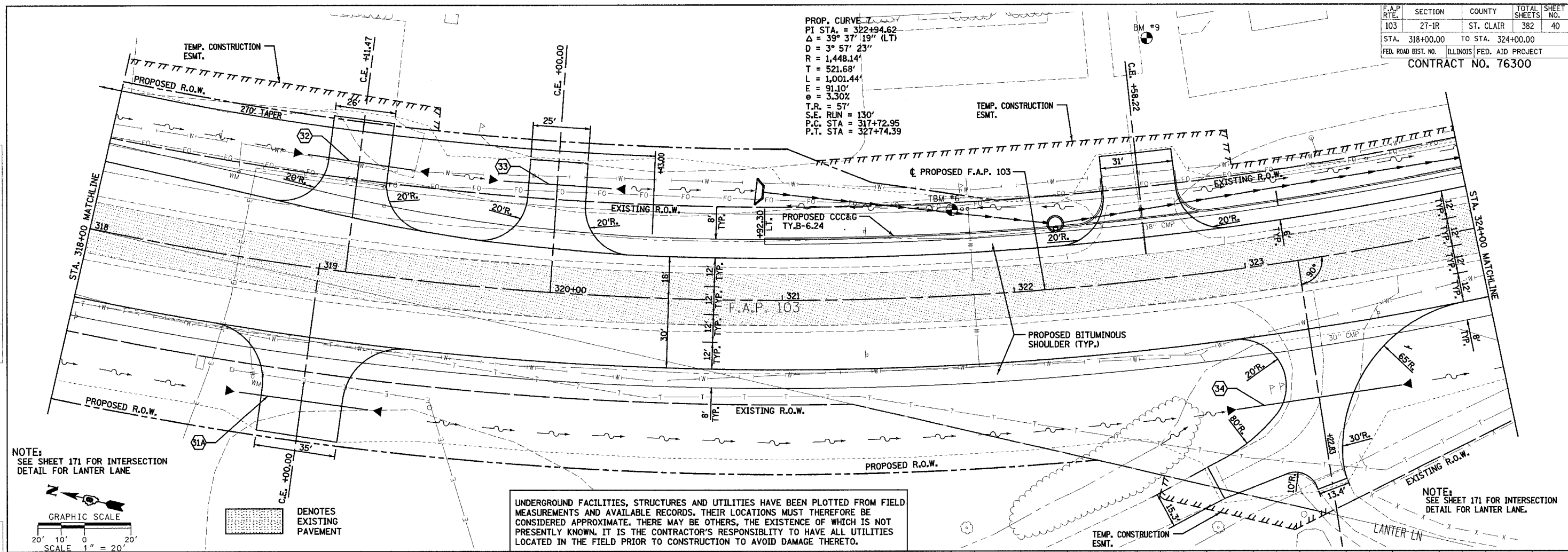
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 NOTE BOOK NO. \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_

PROFILE  
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 PLOTTED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CHNG \_\_\_\_\_

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	40
STA. 318+00.00		TO STA. 324+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PROP. CURVE  
 PI STA. = 322+94.62  
 $\Delta = 39^\circ 37' 19''$  (LT)  
 $D = 3^\circ 57' 23''$   
 $R = 1,448.14'$   
 $T = 521.68'$   
 $L = 1,001.44'$   
 $E = 91.10'$   
 $e = 3.30\%$   
 $T.R. = 57'$   
 $S.F. RUN = 130'$   
 $P.C. STA = 317+72.95$   
 $P.T. STA = 327+74.39$



PLAN & PROFILE - F.A.P. 103

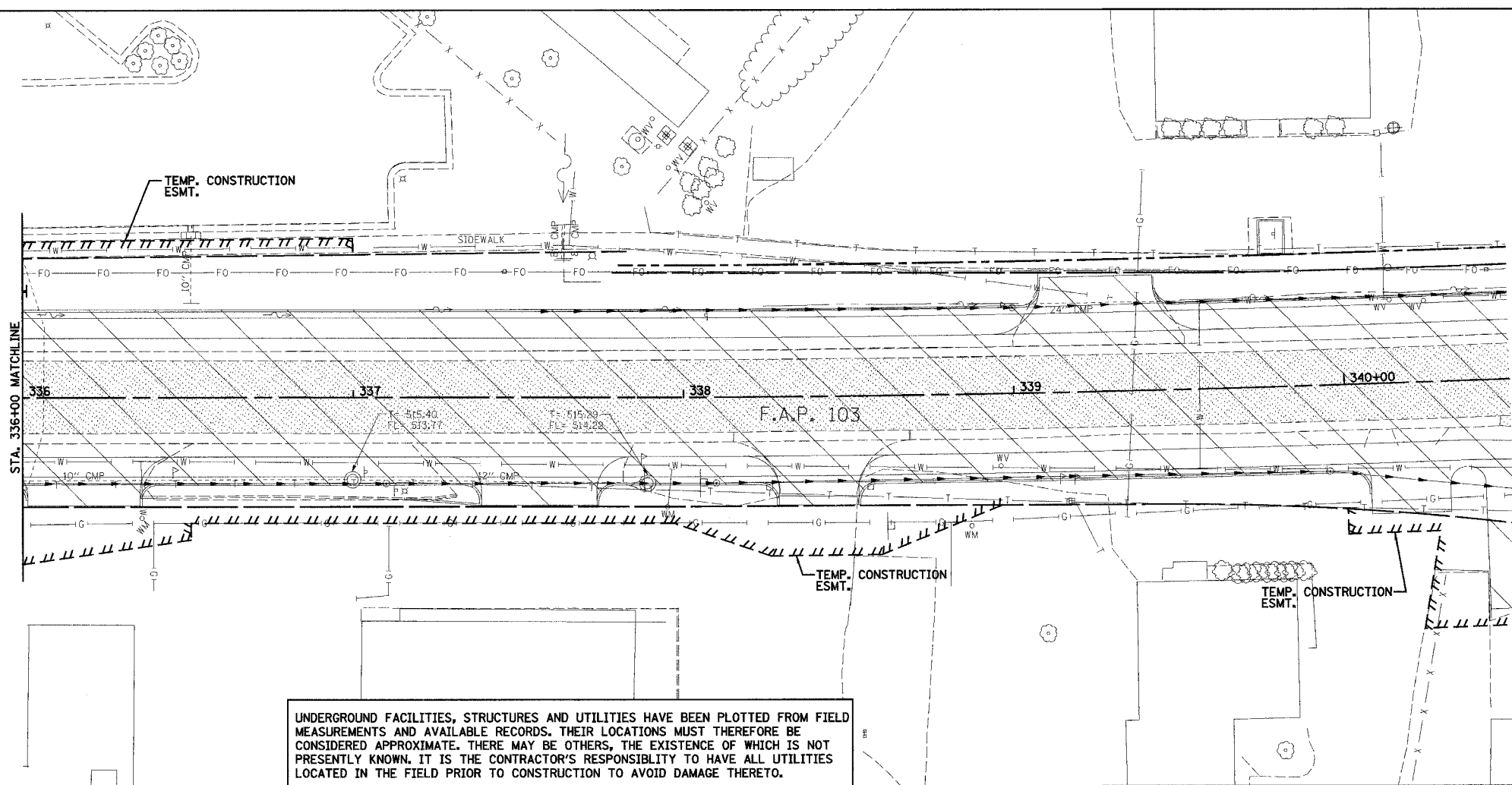




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	43
STA. 336+00.00		TO STA. 340+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

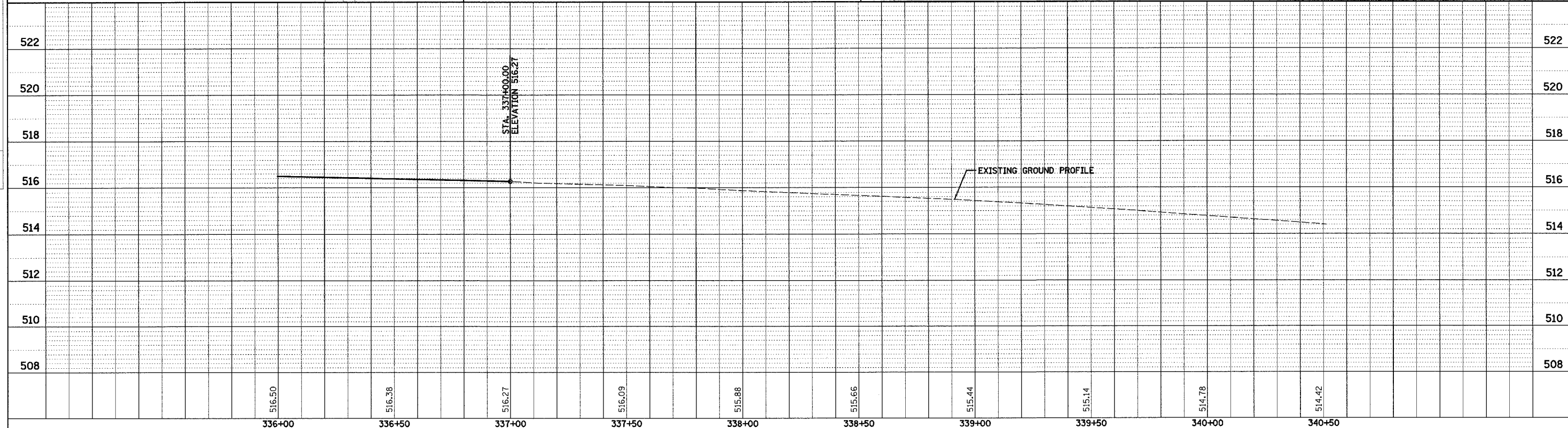
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NOTE BOOK NO.	ALIGNED		
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	DATE		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLotted		
	CHECKED		
	BY		
	DATE		



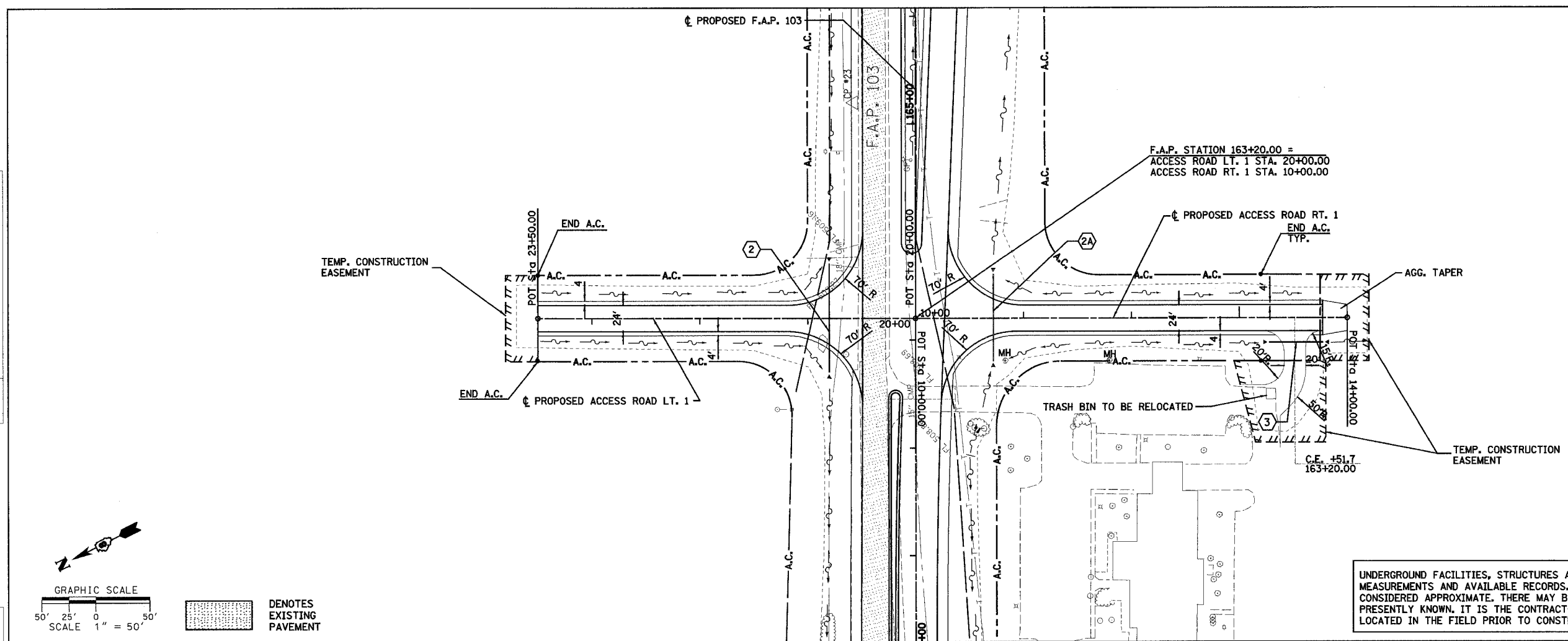
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

- DENOTES WORK BY OTHERS
- DENOTES EXISTING PAVEMENT

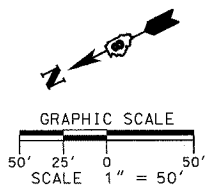


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	44
STA.	81+91.16	TO STA.	96+00.00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 76300				



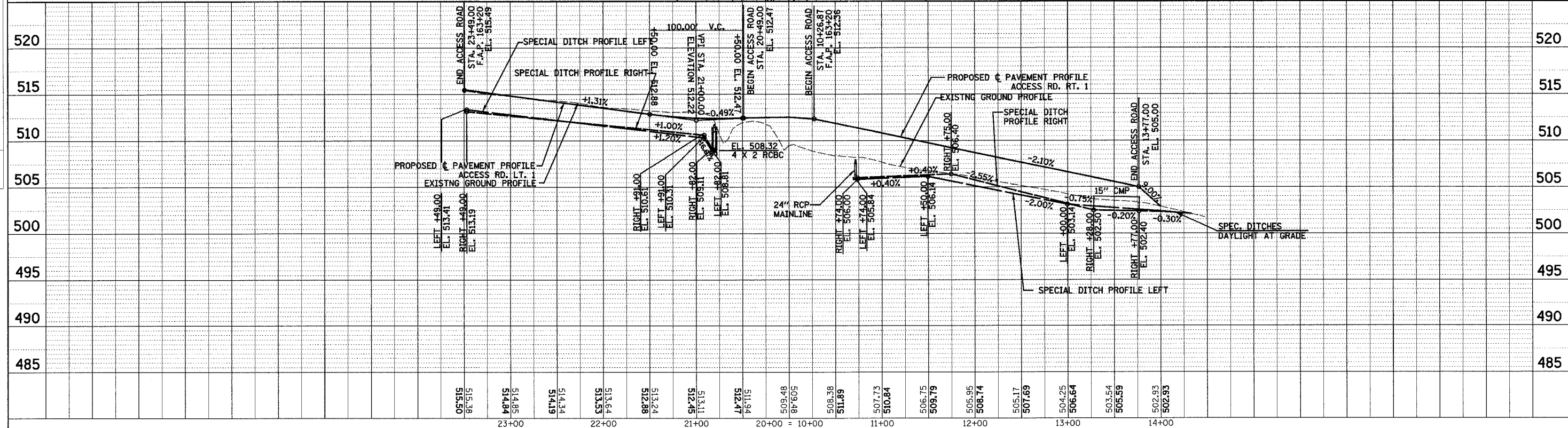
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.



■ DENOTES EXISTING PAVEMENT

PLAN	DATE
BY	
REVIEWED	
NOTED	
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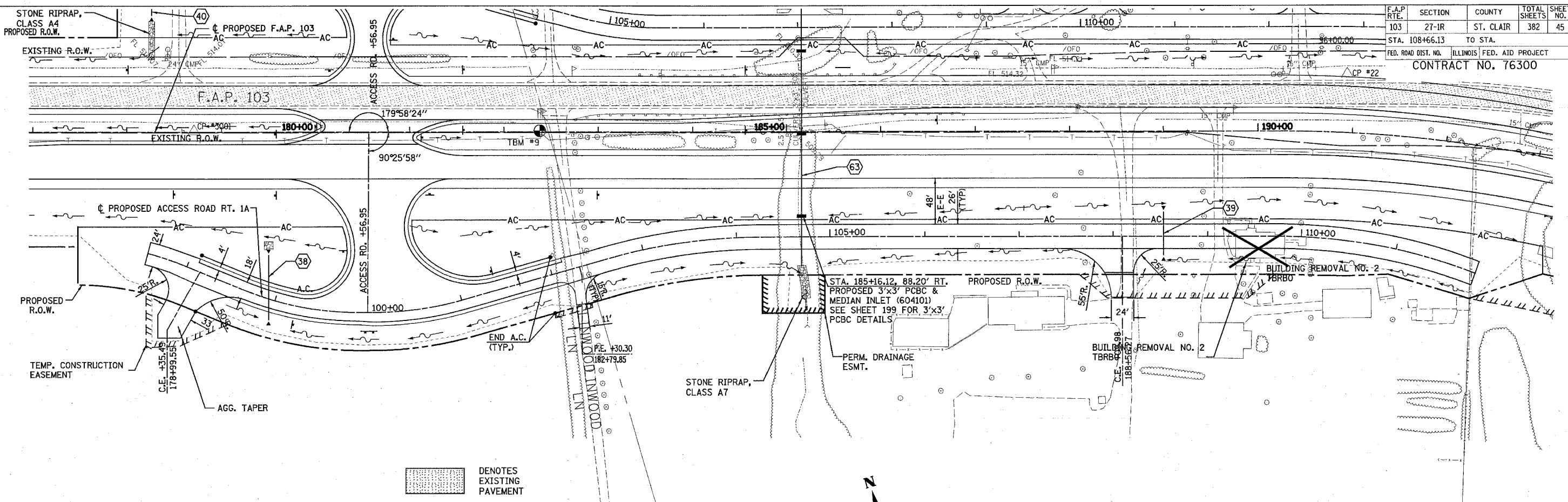
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PLAN & PROFILE - ACCESS ROAD RT. 1, LT. 1

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	45
STA. 108+66.13		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

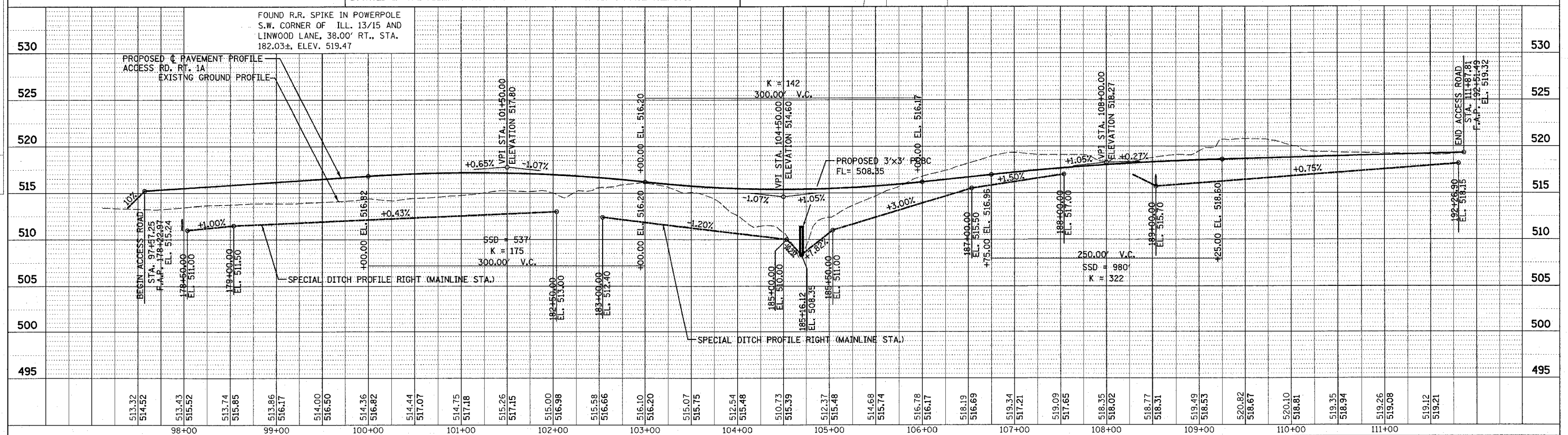


DENOTES EXISTING PAVEMENT

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

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PROFILE	DATE
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PLAN & PROFILE - ACCESS ROAD RT. 1A

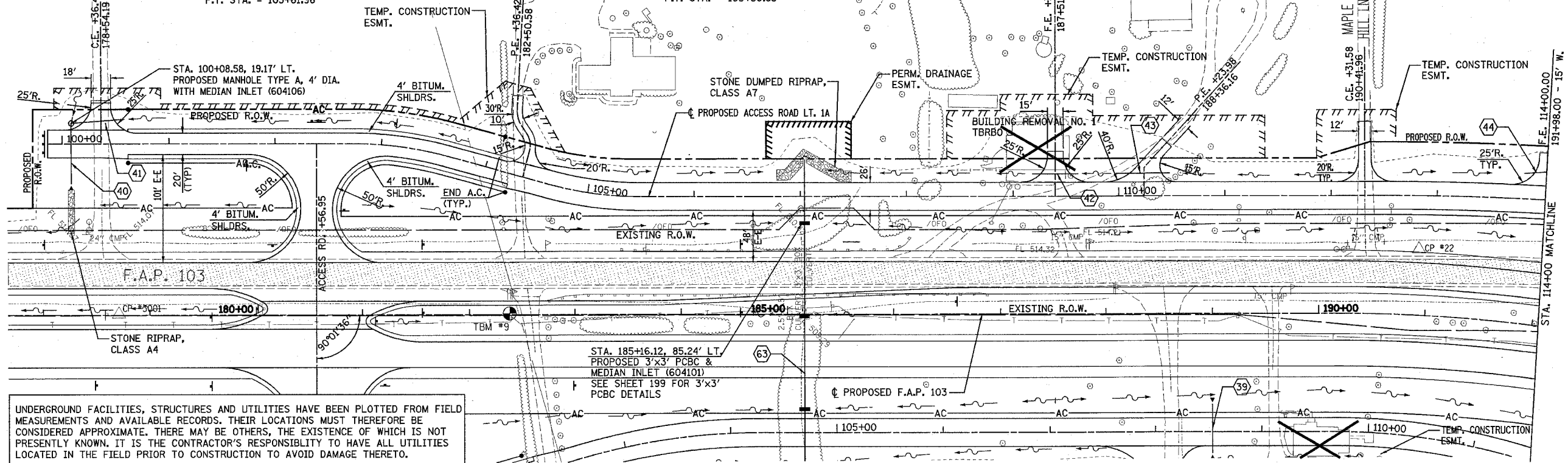


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	46
STA. 100+00.00		TO STA. 114+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

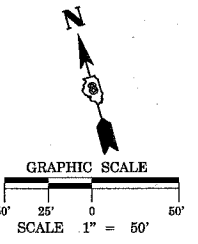
PROP. CURVE P.AR.L1A-1  
 PI STA. = 103+18.23  
 $\Delta = 15^\circ 16' 32''$  (RT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 44.25'$   
 $L = 87.98'$   
 $E = 2.95'$   
 $e = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA. = 102+73.98$   
 $P.T. STA. = 103+61.96$

PROP. CURVE P.AR.L1A-2  
 PI STA. = 105+07.03  
 $\Delta = 15^\circ 18' 08''$  (LT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 44.33'$   
 $L = 88.14'$   
 $E = 2.96'$   
 $e = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA. = 104+62.69$   
 $P.T. STA. = 105+50.83$

DENOTES EXISTING PAVEMENT

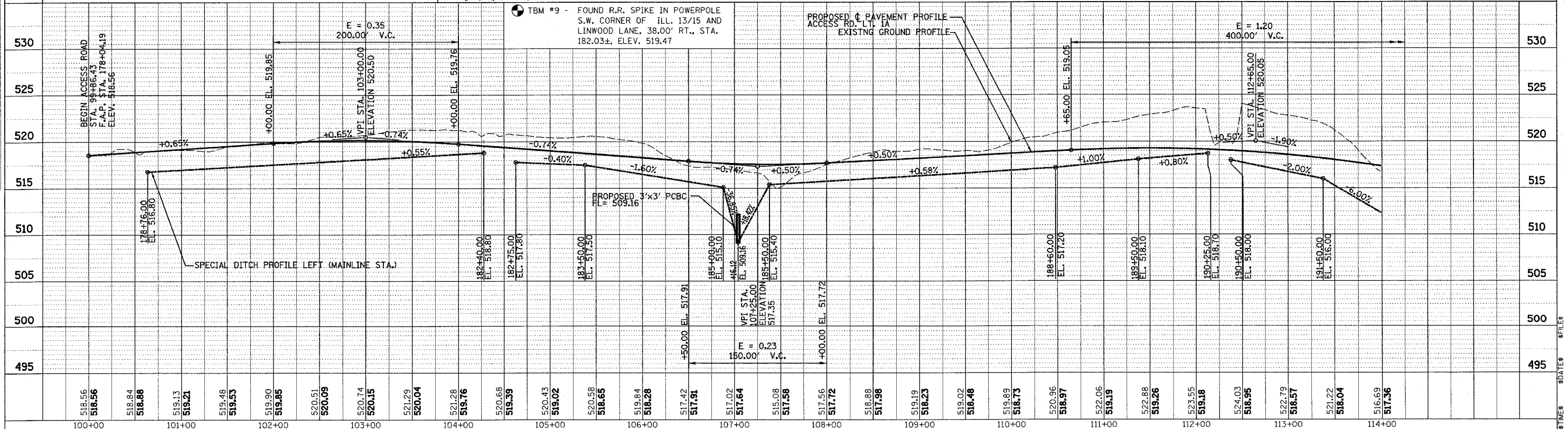


UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.



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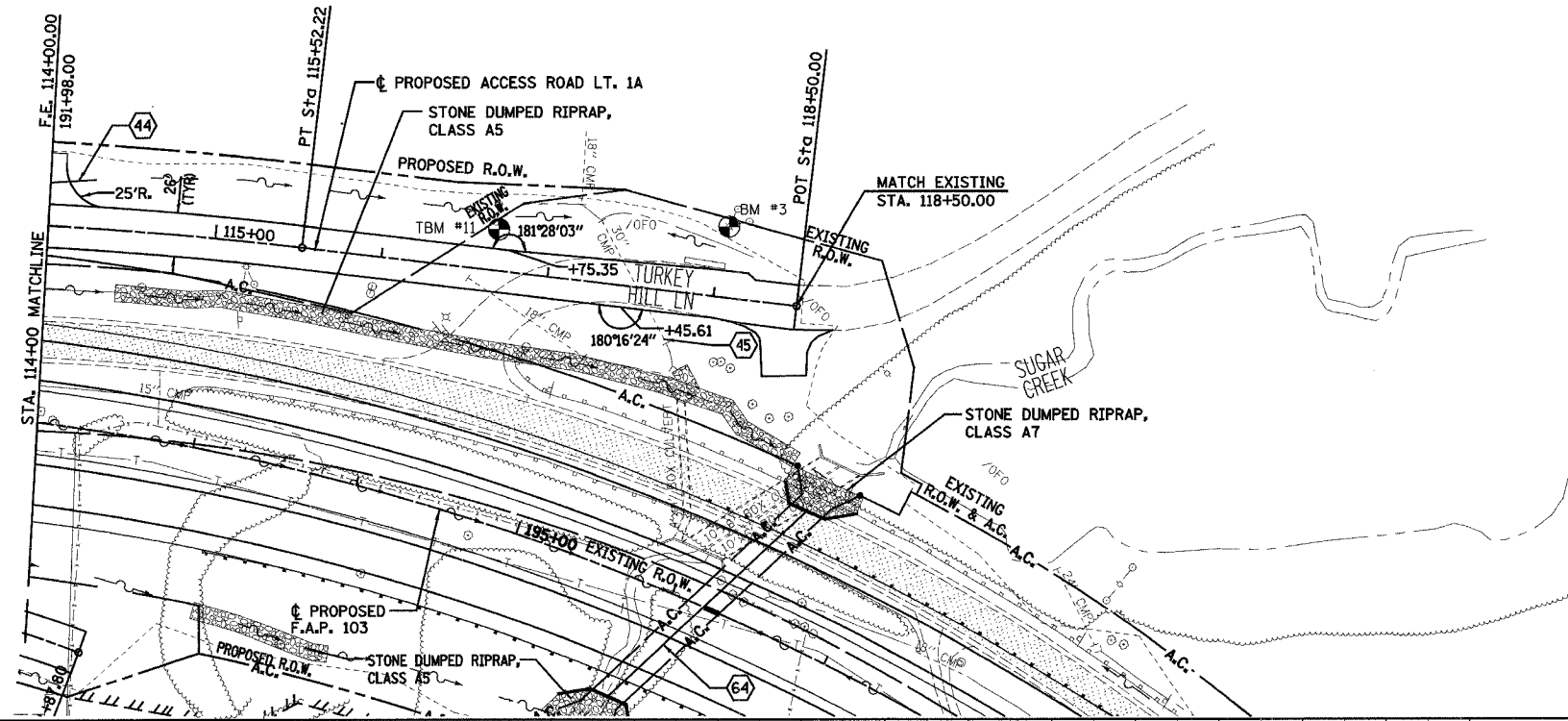
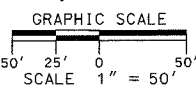
PLAN & PROFILE - ACCESS ROAD LT. 1A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	47
STA. 114+00.00		TO STA. 118+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PROP. CURVE P.AR.L1A-3  
 P1 STA. = 114+02.90  
 $\Delta = 6^\circ 51' 09''$  (RT)  
 $D = 2^\circ 17' 31''$   
 $R = 2,500.00'$   
 $T = 149.68'$   
 $L = 299.00'$   
 $E = 4.48'$   
 $e = 1.56\%$   
 $T.R. = 27'$   
 $S.E. RUN = 27'$   
 $P.C. STA. = 112+53.22$   
 $P.T. STA. = 115+52.22$

PLAN	SURVEYED	BY	DATE
NOTE BOOK	NOTED		
NO.	NO.		

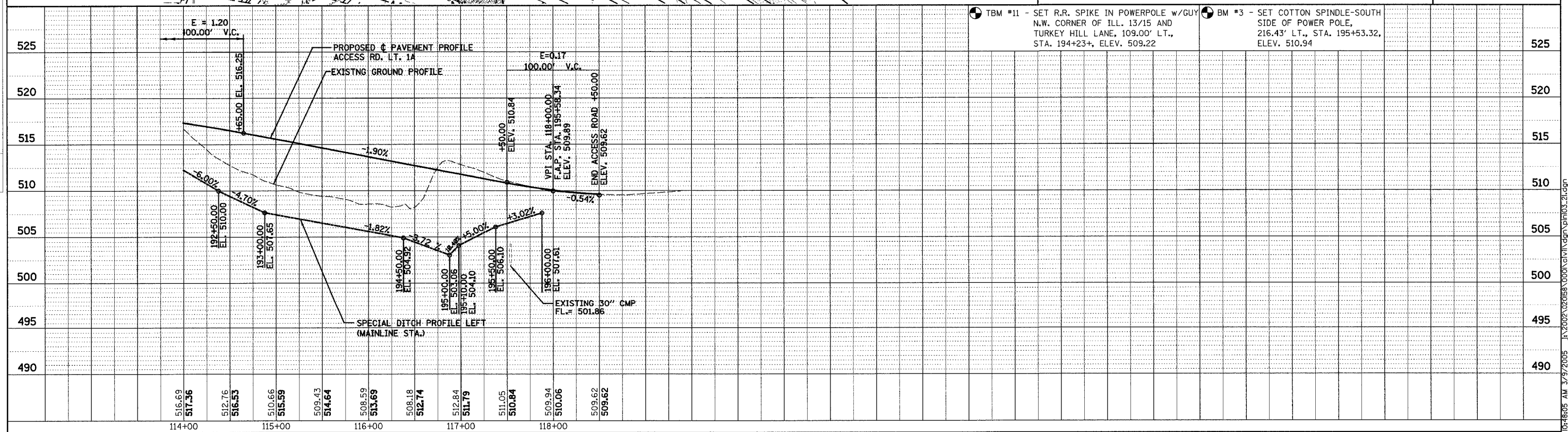
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	NOTED		
NO.	NO.		



UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

■ DENOTES EXISTING PAVEMENT

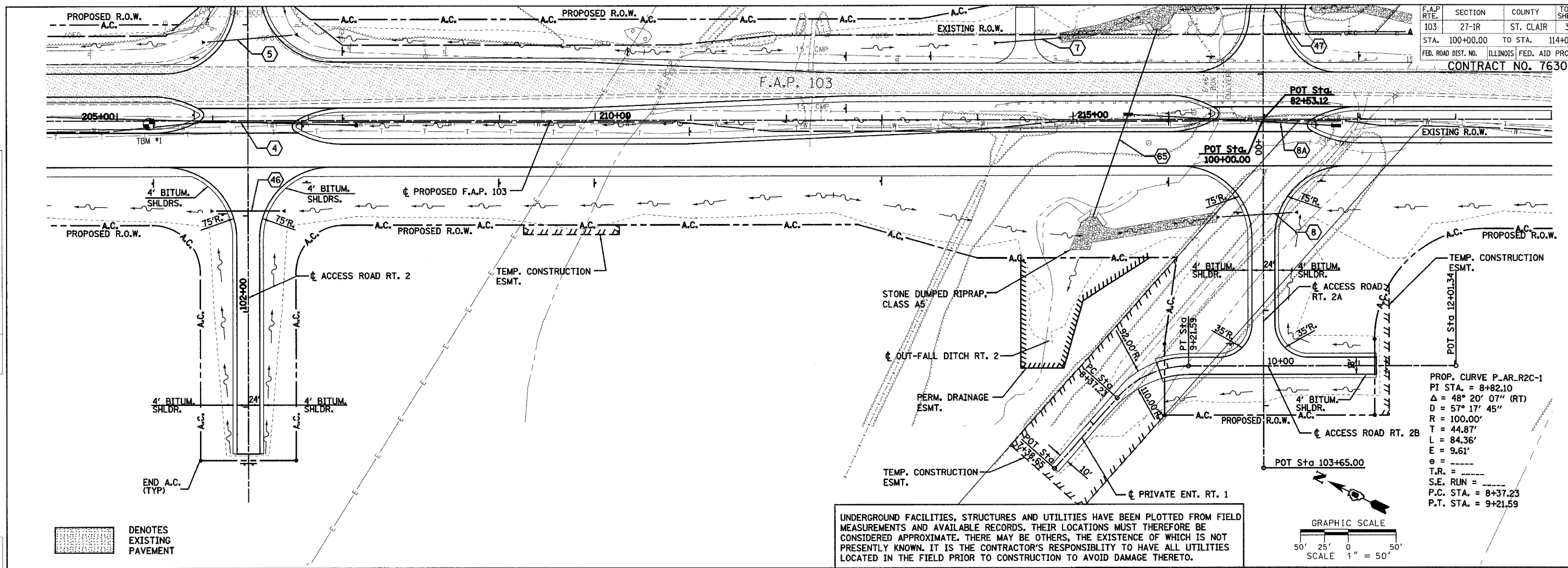
- TBM #11 - SET R.R. SPIKE IN POWERPOLE w/GUY N.W. CORNER OF ILL. 13/15 AND TURKEY HILL LANE, 109.00' LT., STA. 194+23+, ELEV. 509.22
- BM #3 - SET COTTON SPINDLE-SOUTH SIDE OF POWER POLE, 216.43' LT., STA. 195+53.32, ELEV. 510.94



PLAN & PROFILE - ACCESS ROAD LT. 1A

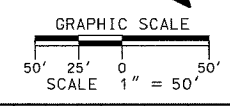
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	48
STA. 100+00.00 TO STA. 114+02.39				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



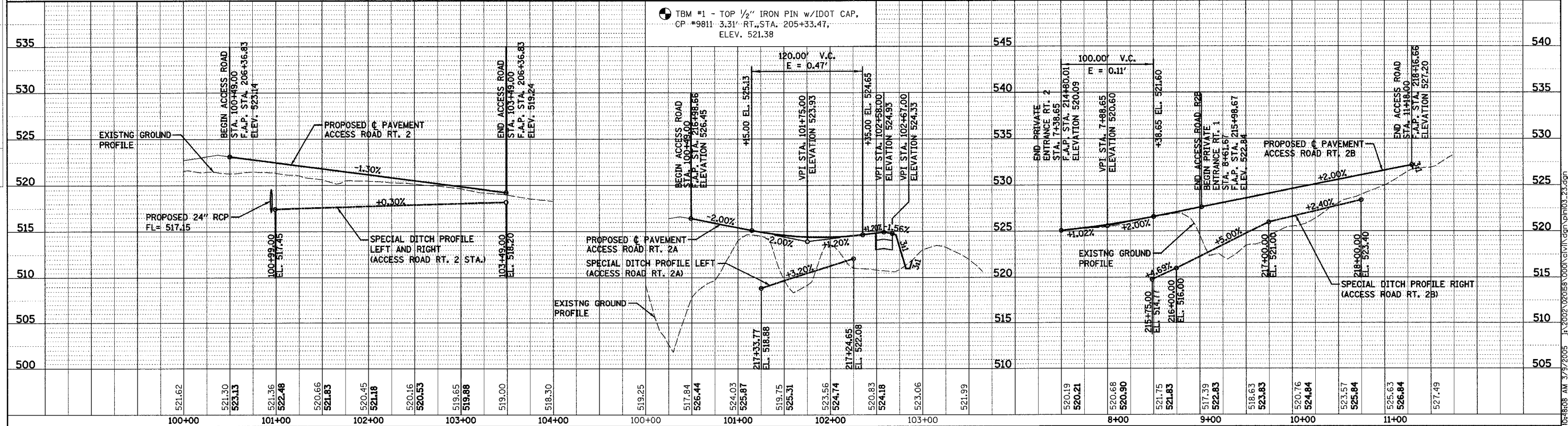
PROP. CURVE P\_AR\_R2C-1  
 PI STA. = 8+82.10  
 $\Delta = 48^\circ 20' 07''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 44.87'$   
 $L = 84.36'$   
 $E = 9.61'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 8+37.23$   
 $P.T. STA. = 9+21.59$

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.



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PLAN & PROFILE - ACCESS ROAD RT. 2

F.A.P. RTE. 103	SECTION 27-1R	COUNTY ST. CLAIR	TOTAL SHEETS 382	SHEET NO. 49
STA. 85+00.00		TO STA. 101+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76300

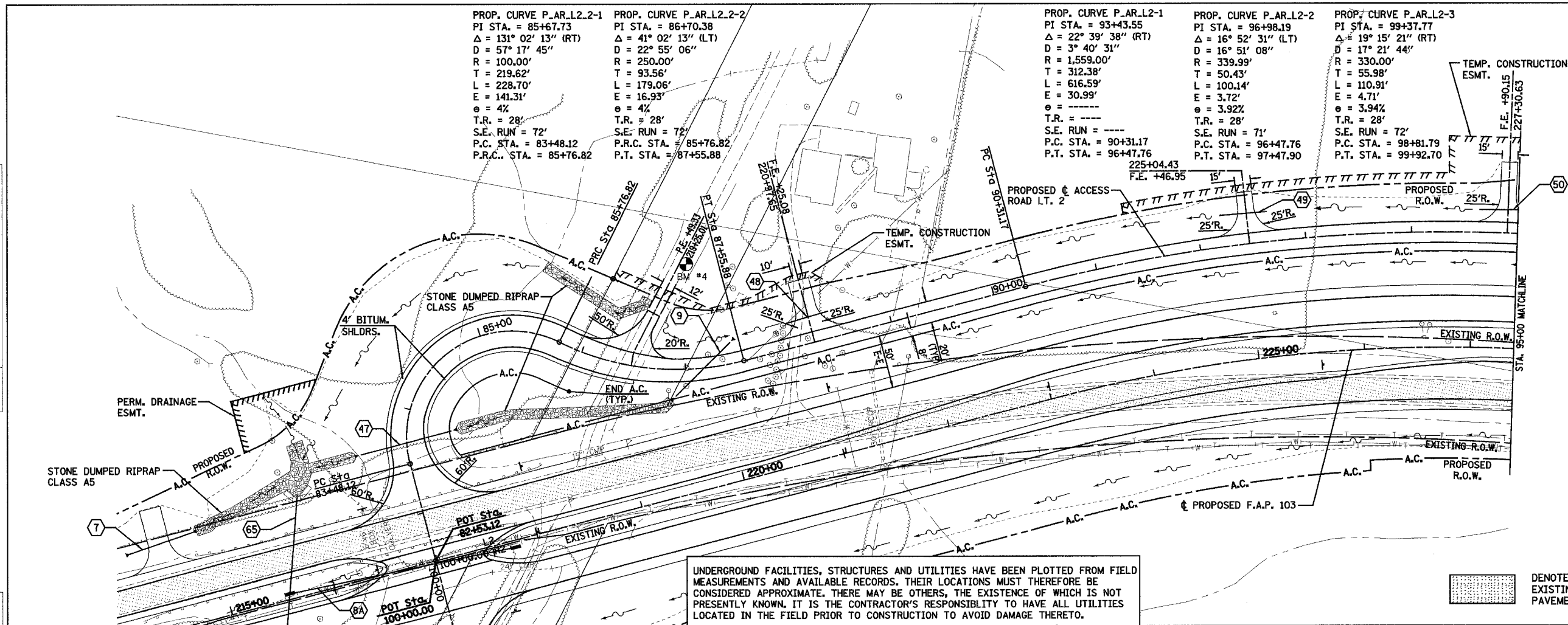
PROP. CURVE P.AR.L2-1  
 PI STA. = 85+67.73  
 $\Delta = 131^\circ 02' 13''$  (RT)  
 $D = 57^\circ 17' 45''$   
 $R = 100.00'$   
 $T = 219.62'$   
 $L = 228.70'$   
 $E = 141.31'$   
 $\theta = 4%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA. = 83+48.12$   
 $P.R.C. STA. = 85+76.82$

PROP. CURVE P.AR.L2-2-1  
 PI STA. = 86+70.38  
 $\Delta = 41^\circ 02' 13''$  (LT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 93.56'$   
 $L = 179.06'$   
 $E = 16.93'$   
 $\theta = 4%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA. = 85+76.82$   
 $P.T. STA. = 87+55.88$

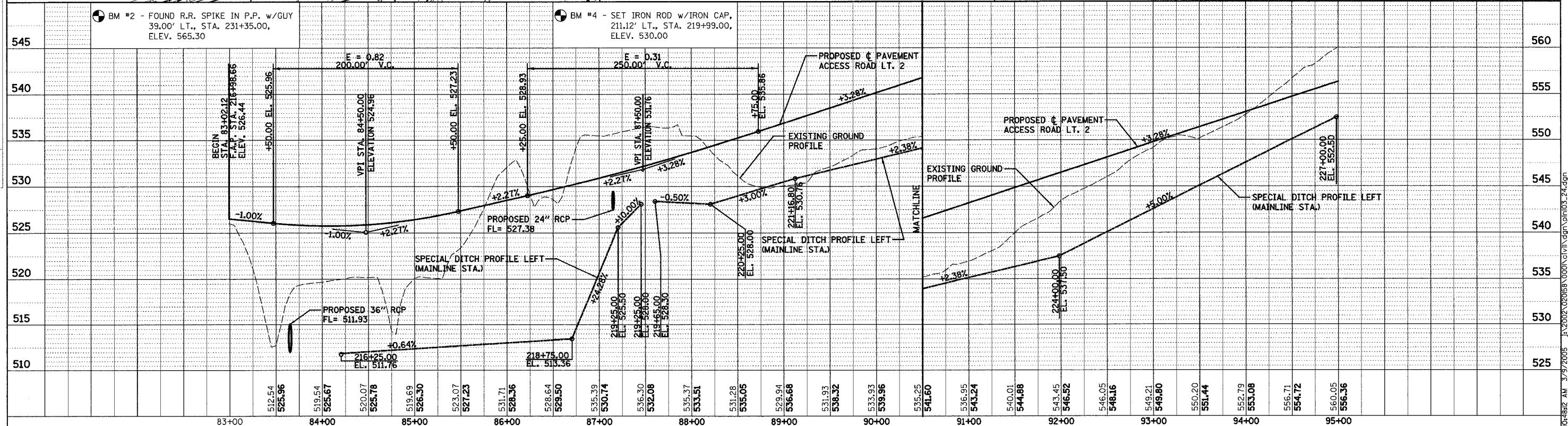
PROP. CURVE P.AR.L2-1  
 PI STA. = 93+43.55  
 $\Delta = 22^\circ 39' 38''$  (RT)  
 $D = 3^\circ 40' 31''$   
 $R = 1,559.00'$   
 $T = 312.38'$   
 $L = 616.59'$   
 $E = 30.99'$   
 $\theta = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA. = 90+31.17$   
 $P.T. STA. = 96+47.76$

PROP. CURVE P.AR.L2-2  
 PI STA. = 96+98.19  
 $\Delta = 16^\circ 52' 31''$  (LT)  
 $D = 16^\circ 51' 08''$   
 $R = 339.99'$   
 $T = 50.43'$   
 $L = 100.14'$   
 $E = 3.72'$   
 $\theta = 3.92%$   
 $T.R. = 28'$   
 $S.E. RUN = 71'$   
 $P.C. STA. = 96+47.76$   
 $P.T. STA. = 97+47.90$

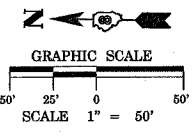
PROP. CURVE P.AR.L2-3  
 PI STA. = 99+37.77  
 $\Delta = 19^\circ 15' 21''$  (RT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 55.98'$   
 $L = 110.91'$   
 $E = 4.71'$   
 $\theta = 3.94%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA. = 98+81.79$   
 $P.T. STA. = 99+92.70$



UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.



PLAN & PROFILE - ACCESS ROAD LT. 2

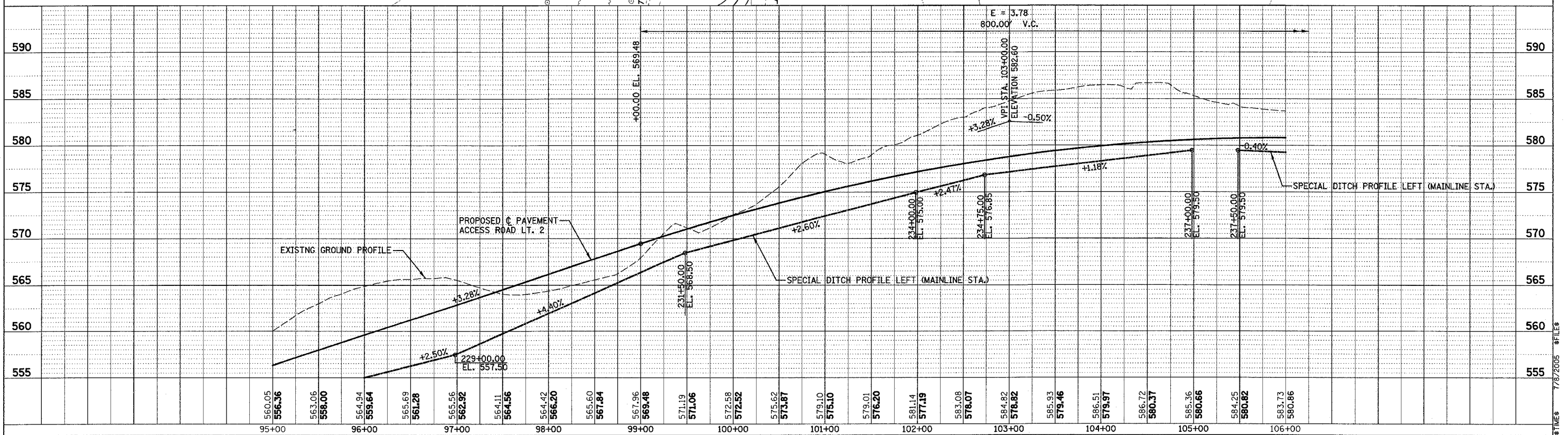
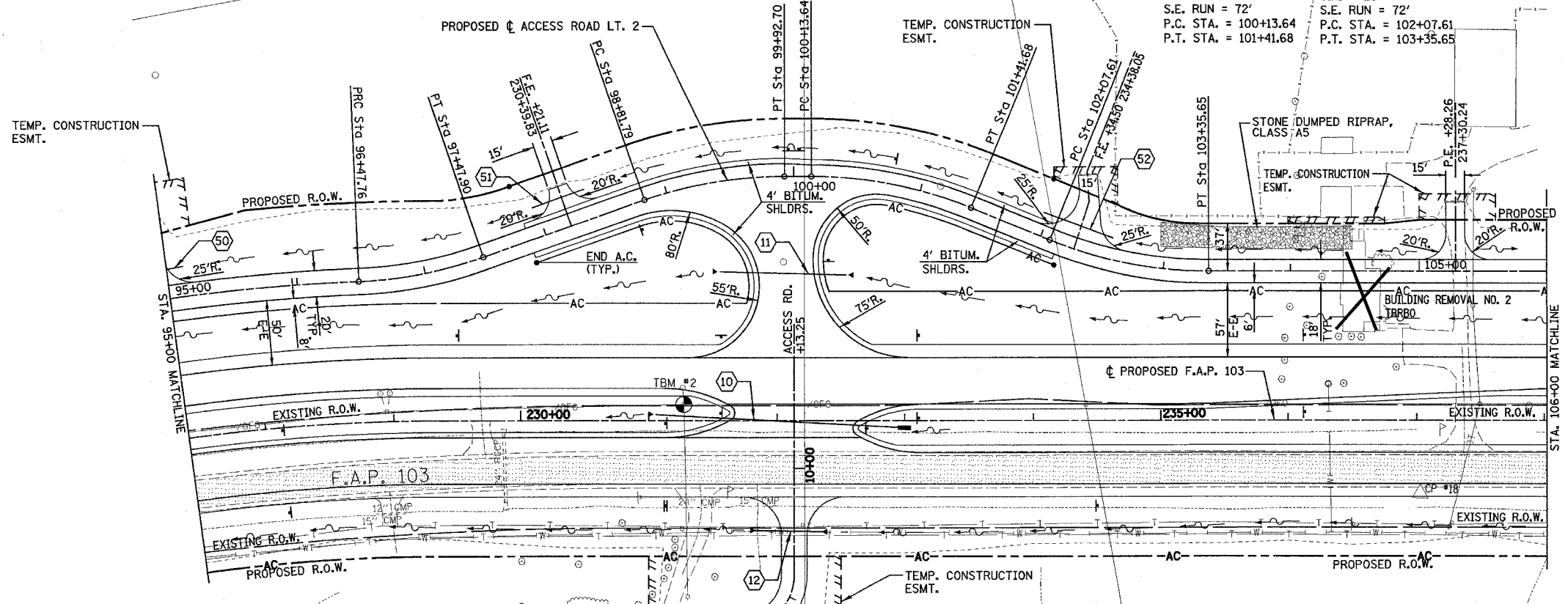


UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

PROP. CURVE P\_AR.L2-4  
 PI STA. = 100+78.48  
 $\Delta = 22^\circ 13' 49''$  (RT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 64.83'$   
 $L = 128.04'$   
 $E = 6.31'$   
 $e = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA. = 100+13.64$   
 $P.T. STA. = 101+41.68$

PROP. CURVE P\_AR.L2-5  
 PI STA. = 102+72.45  
 $\Delta = 22^\circ 13' 49''$  (LT)  
 $D = 17^\circ 21' 44''$   
 $R = 330.00'$   
 $T = 64.83'$   
 $L = 128.04'$   
 $E = 6.31'$   
 $e = 3.94\%$   
 $T.R. = 28'$   
 $S.E. RUN = 72'$   
 $P.C. STA. = 102+07.61$   
 $P.T. STA. = 103+35.65$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	50
STA. 101+00.00 TO STA. 116+55.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				
			DENOTES EXISTING PAVEMENT	



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PLAN & PROFILE - ACCESS ROAD LT. 2

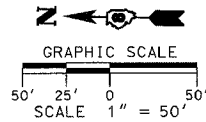
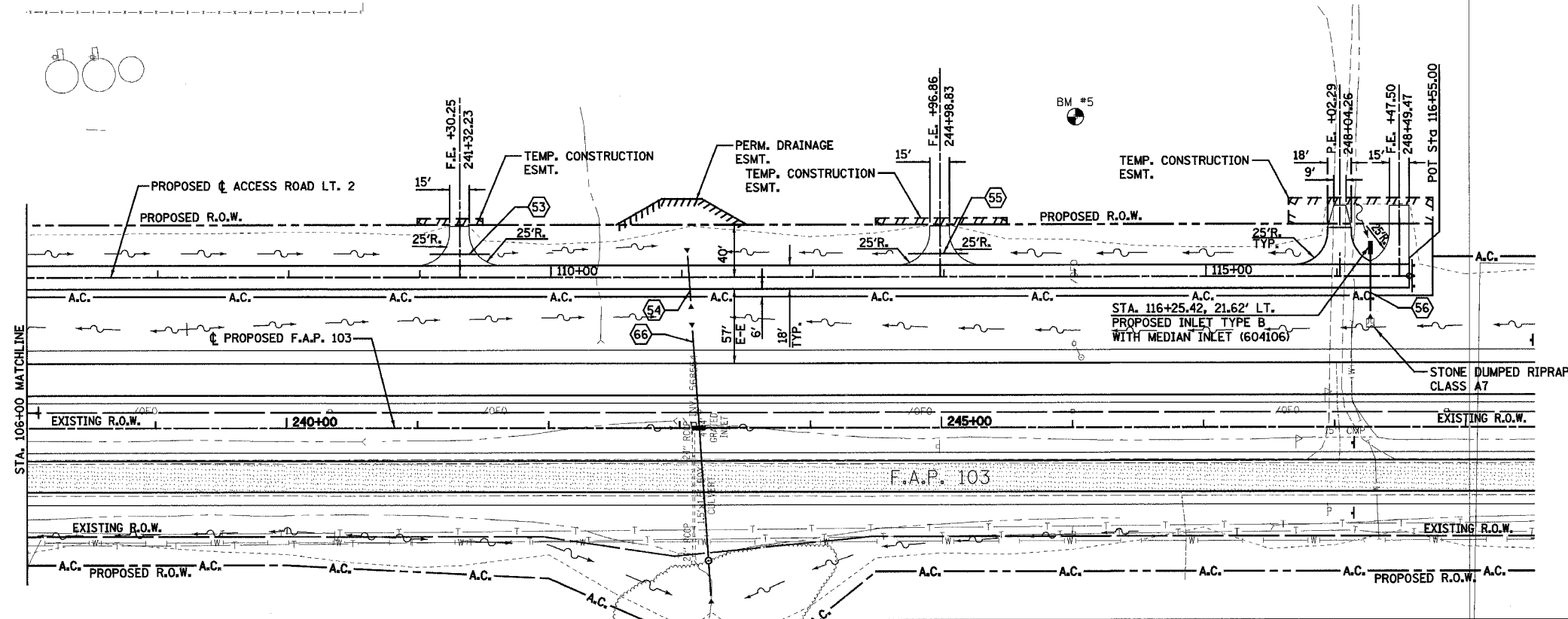
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UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

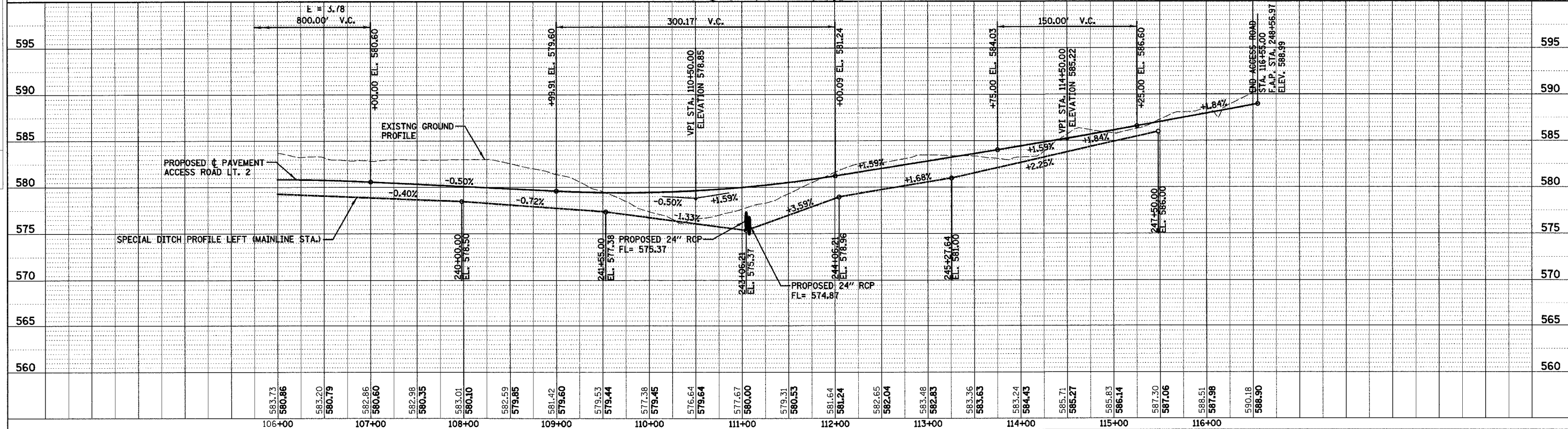
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	50A
STA.	101+00.00	TO STA.	116+55.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76300				

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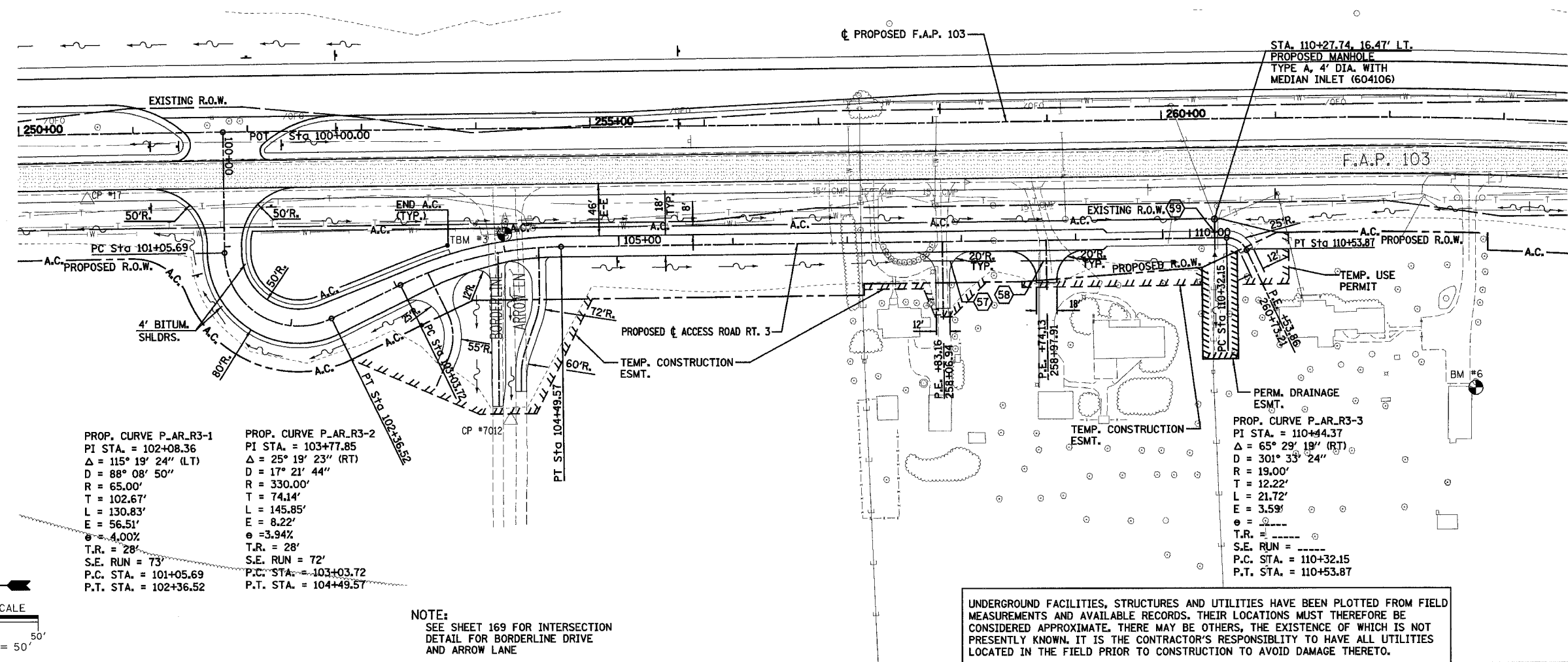


DENOTES EXISTING PAVEMENT

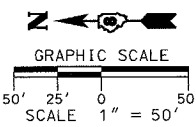


PLAN & PROFILE - ACCESS ROAD LT. 2

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<p>PROP. CURVE P_AR_R3-1          PI STA. = 102+08.36  <math>\Delta = 115^\circ 19' 24''</math> (LT)          D = 88' 08" 50"          R = 65.00'          T = 102.67'          L = 130.83'          E = 56.51'  <math>e = 4.00\%</math>          T.R. = 28'          S.E. RUN = 73'          P.C. STA. = 101+05.69          P.T. STA. = 102+36.52</p>	<p>PROP. CURVE P_AR_R3-2          PI STA. = 103+77.85  <math>\Delta = 25^\circ 19' 23''</math> (RT)          D = 17' 21" 44"          R = 330.00'          T = 74.14'          L = 145.85'          E = 8.22'  <math>e = 3.94\%</math>          T.R. = 28'          S.E. RUN = 72'          P.C. STA. = 103+03.72          P.T. STA. = 104+49.57</p>
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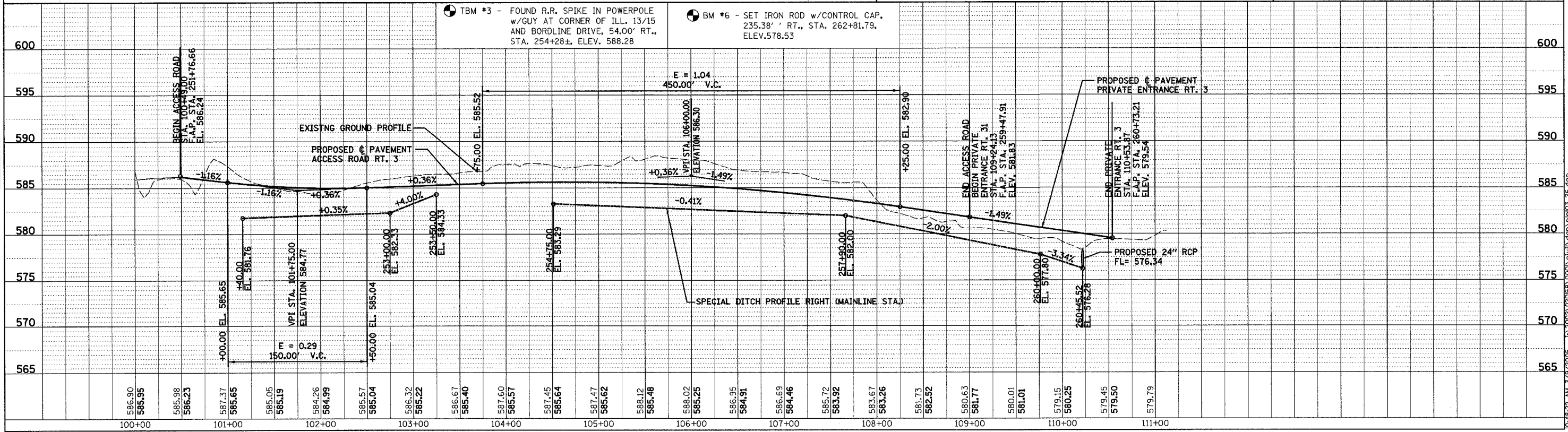
**NOTE:**  
 SEE SHEET 169 FOR INTERSECTION  
 DETAIL FOR BORDERLINE DRIVE  
 AND ARROW LANE

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

DENOTES EXISTING PAVEMENT

**TBM #3** - FOUND R.R. SPIKE IN POWERPOLE w/GUY AT CORNER OF ILL. 13/15 AND BORDLINE DRIVE, 54.00' RT., STA. 254+28±, ELEV. 588.28

**BM #6** - SET IRON ROD w/CONTROL CAP, 235.38' RT., STA. 262+81.79, ELEV. 578.53

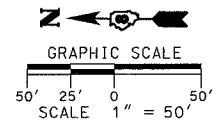
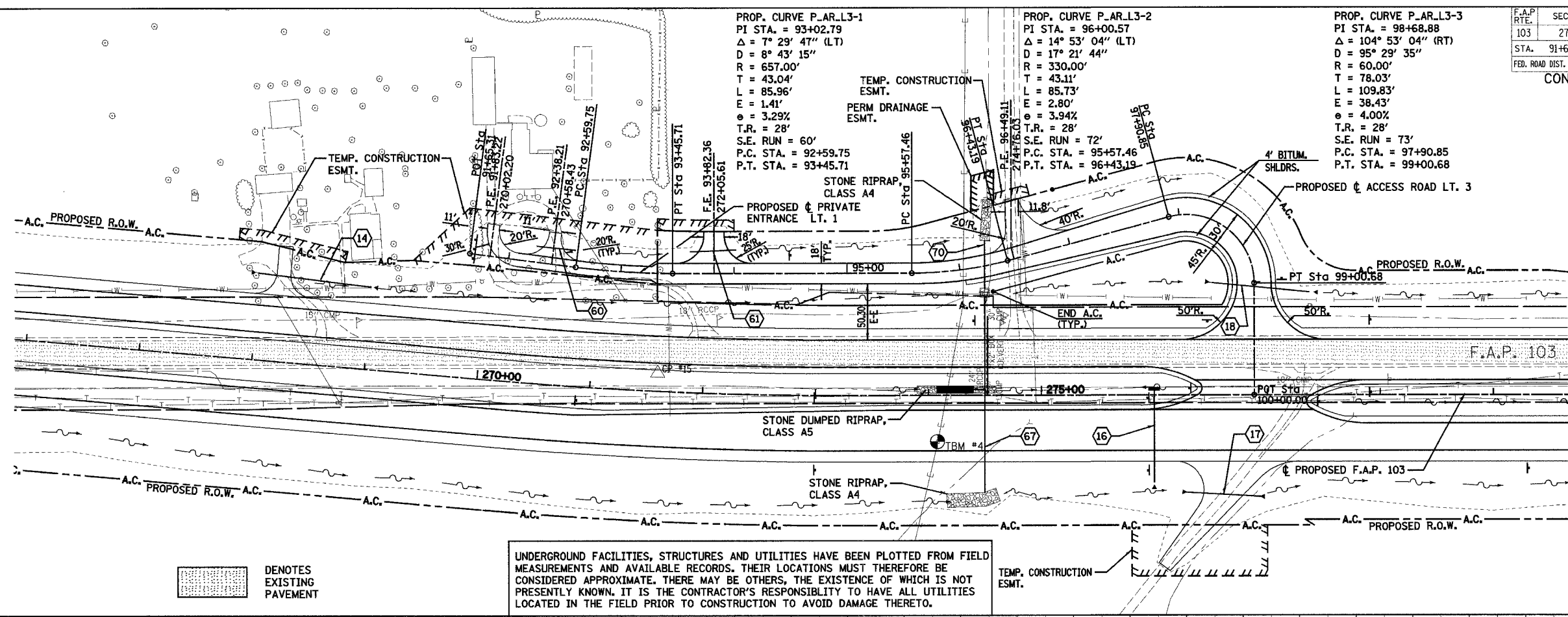


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 PLAN NO. \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
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 NOTE BOOK NO. \_\_\_\_\_  
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	52
STA. 91+65.31		TO STA. 100+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



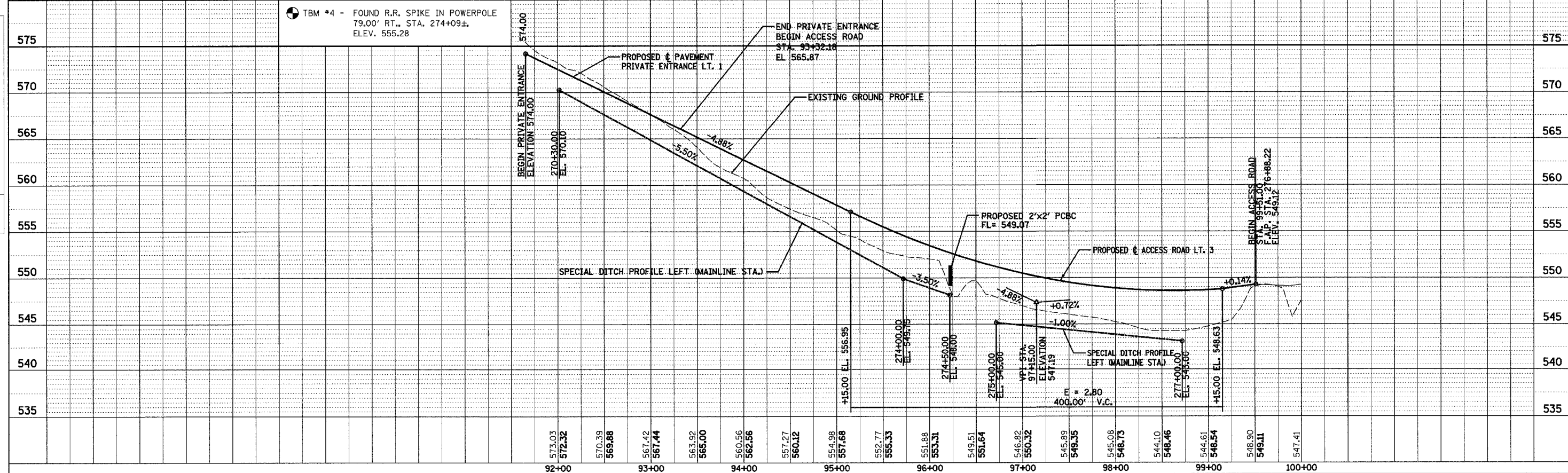
DENOTES EXISTING PAVEMENT

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID DAMAGE THERETO.

TEMP. CONSTRUCTION ESMT.

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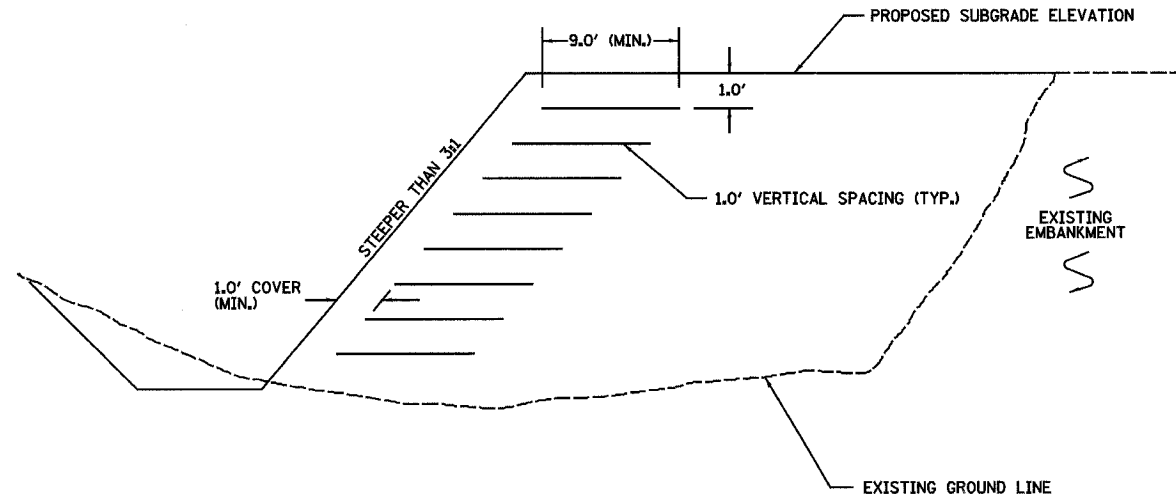


PLAN & PROFILE - ACCESS ROAD LT. 3



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	52A
STA.	135+00.00 TO STA. 147+00.00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
<b>CONTRACT NO. 76300</b>				

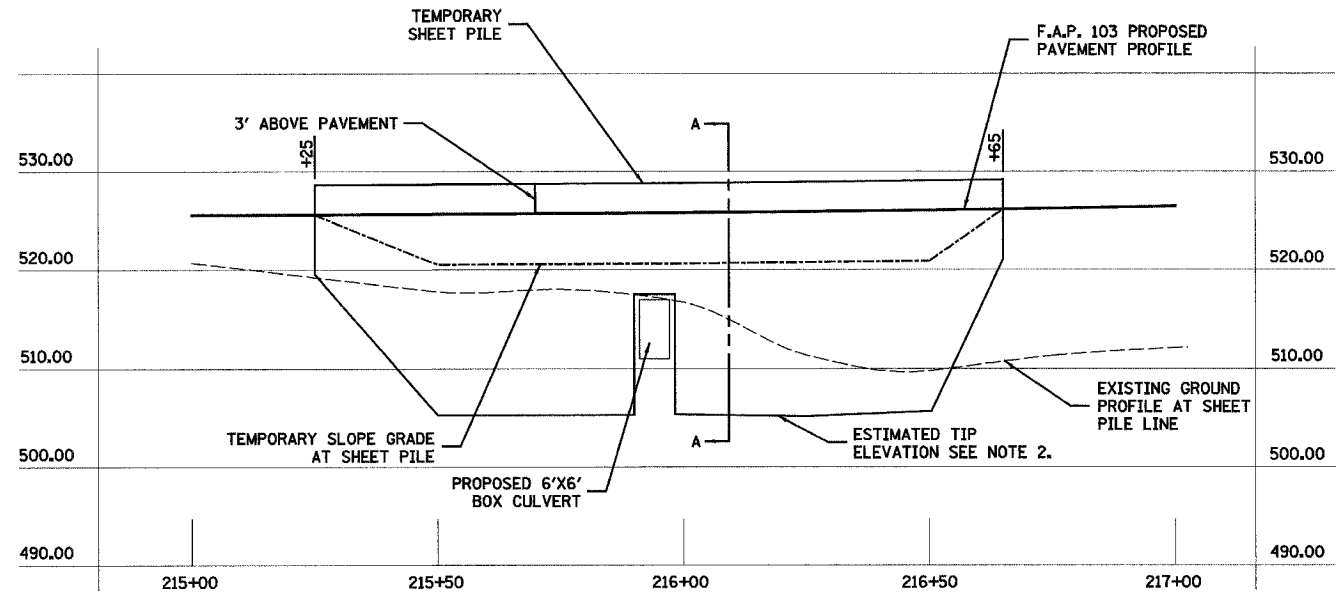
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		PAID FILE NAME
		NO.



**TYPICAL SECTION DETAIL  
GRID REINFORCED EMBANKMENT**

**NOTE:**

- 1. NOT TO SCALE
- GEOGRID PROPERTIES:
  - 14,000 LB/FT MIN. TENSILE MODULUS
  - 765 LB/FT MIN. JUNCTION STRENGTH
- 2. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

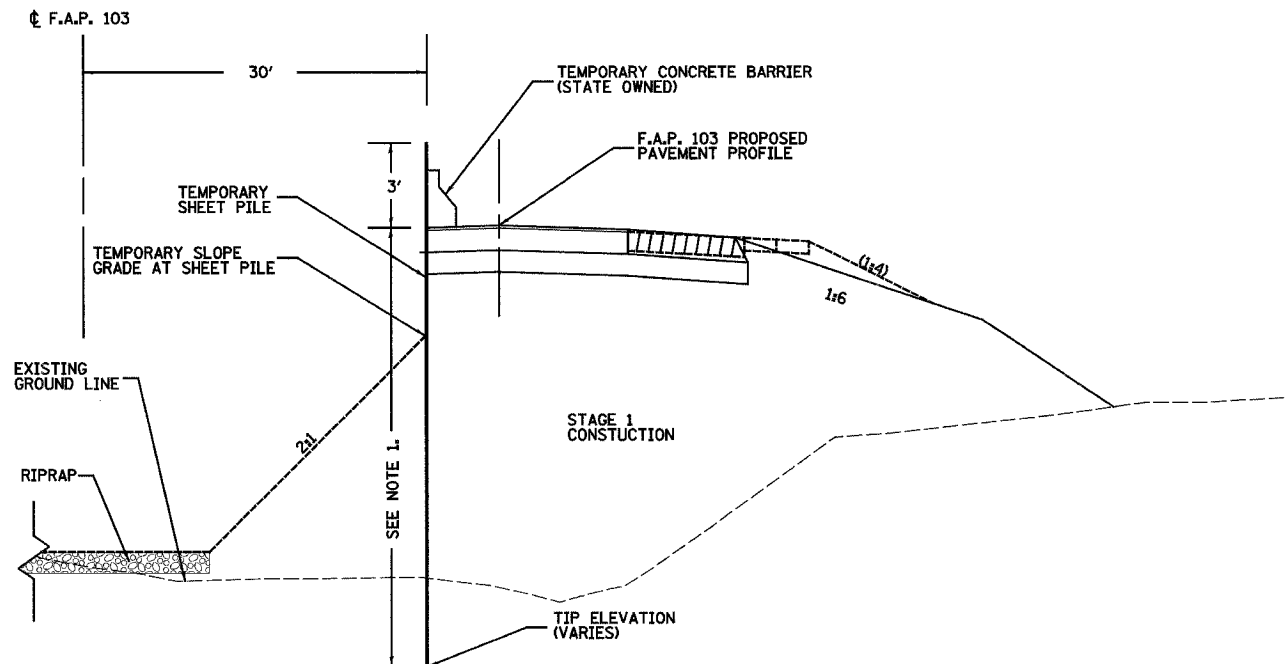


**SHEET PILE DETAIL**

**NOTES:**

1. THE CONTRACTOR SHALL DETERMINE THE REQUIRED TIP ELEVATION AND SECTION MODULUS FOR ALL SHEET PILES TO SUPPORT THE PROPOSED EMBANKMENT, PAVEMENTS AND TRAFFIC DURING CONSTRUCTION.
2. THE ESTIMATE TIP ELEVATION SHOWN ON THE DETAIL IS APPROXIMATE AND HAS BEEN ESTIMATED BASED ON A RATIO OF EMBEDMENT EQUAL TO 3 TIMES THE EXPOSED HEIGHT FROM THE TEMPORARY 2:1 SLOPE TO THE PROPOSED PAVEMENT SURFACE ELEVATION.
3. THE PLAN QUANTITY FOR TEMPORARY SHEET PILE WAS CALCULATED BASED ON THE AREA SHOWN ON THIS DETAIL PLUS 25% FOR UNKNOWN FIELD CONDITIONS AND POTENTIAL GEOMETRIC MODIFICATIONS. THE FINAL PAY QUANTITY WILL BE CALCULATED ON THE BASIS OF THE CONTRACTORS DESIGN SUBMITTAL AND LENGTHS DRIVEN TO DESIGN TIP ELEVATIONS
4. REFER TO SPECIAL PROVISION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

DATE	BY	DESIGNED
		ALIGNED
		CHECKED
		NO. OF WAYS CHECKED
		PAID FILE NAME
		NO.

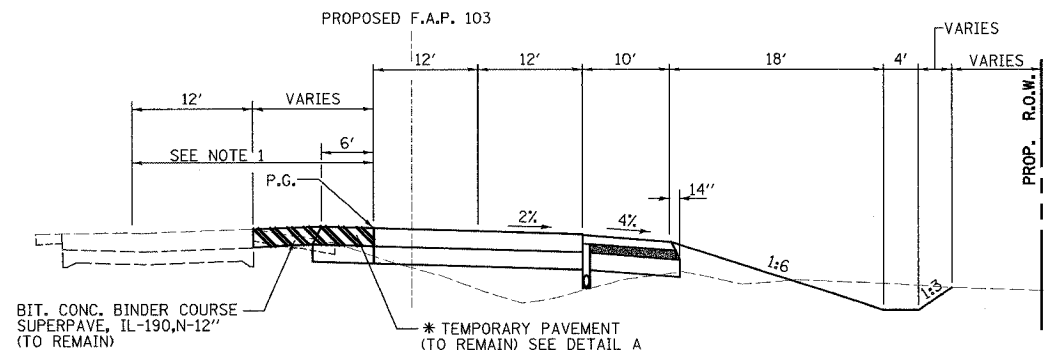


**SECTION A-A  
(NOT TO SCALE)**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<b>SHEET PILE AND BIAXIAL GEOGRID DETAIL</b>  F.A.P. 103 (IL. RTE. 13/15) SECTION 27-1R - ST. CLAIR CO.  SCALE: 1" = 50' DATE <b>February 11, 2005</b>

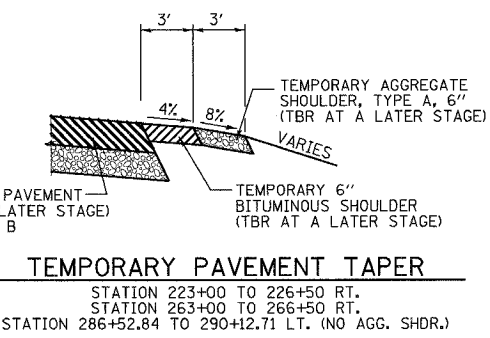
DRAWN BY **CRO**  
CHECKED BY **RCY**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	53
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



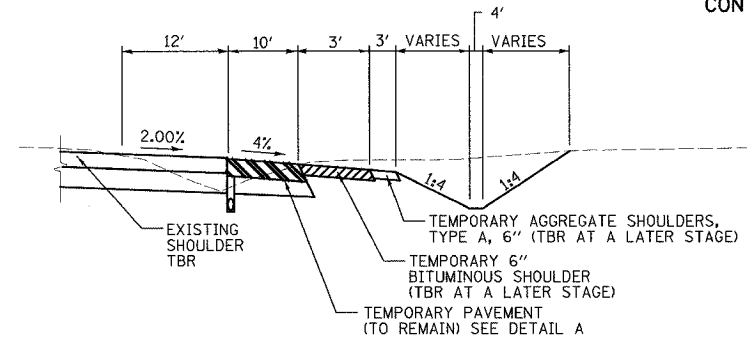
**TEMPORARY MEDIAN CROSSOVER**

STATION 148+82.70 TO 158+50  
\* STATION 160+00.00 TO 162+50.00 LT.



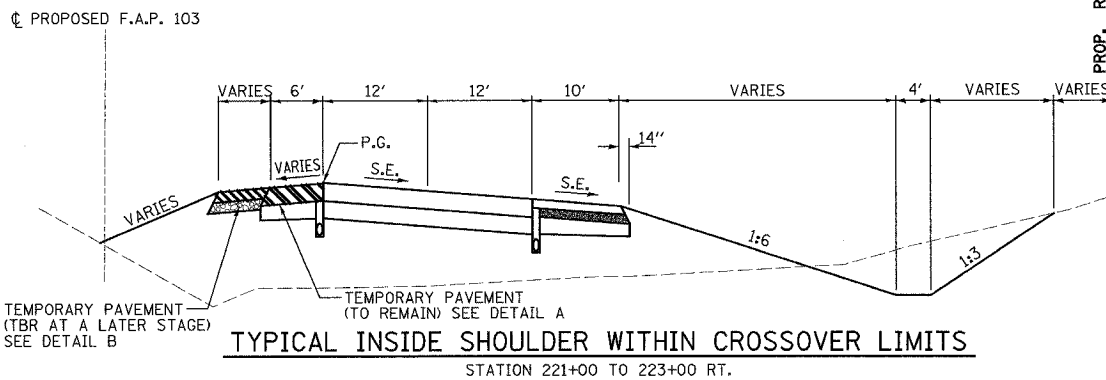
**TEMPORARY PAVEMENT TAPER**

STATION 223+00 TO 226+50 RT.  
STATION 263+00 TO 266+50 RT.  
STATION 286+52.84 TO 290+12.71 LT. (NO AGG. SHDR.)



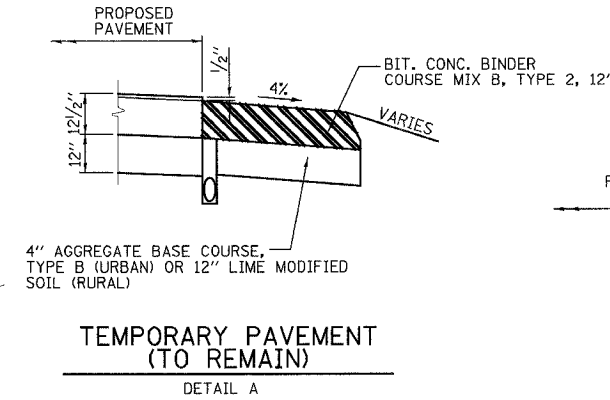
**WIDENING FOR CULVERT INSTALLATIONS**

STATION 211+00 TO 221+00 RT.  
STATION 296+80 TO 304+76.90 RT. (NO AGG. SHDR.)



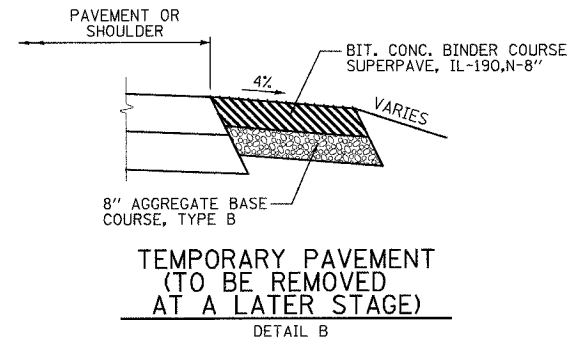
**TYPICAL INSIDE SHOULDER WITHIN CROSSOVER LIMITS**

STATION 221+00 TO 223+00 RT.



**TEMPORARY PAVEMENT (TO REMAIN)**

DETAIL A



**TEMPORARY PAVEMENT (TO BE REMOVED AT A LATER STAGE)**

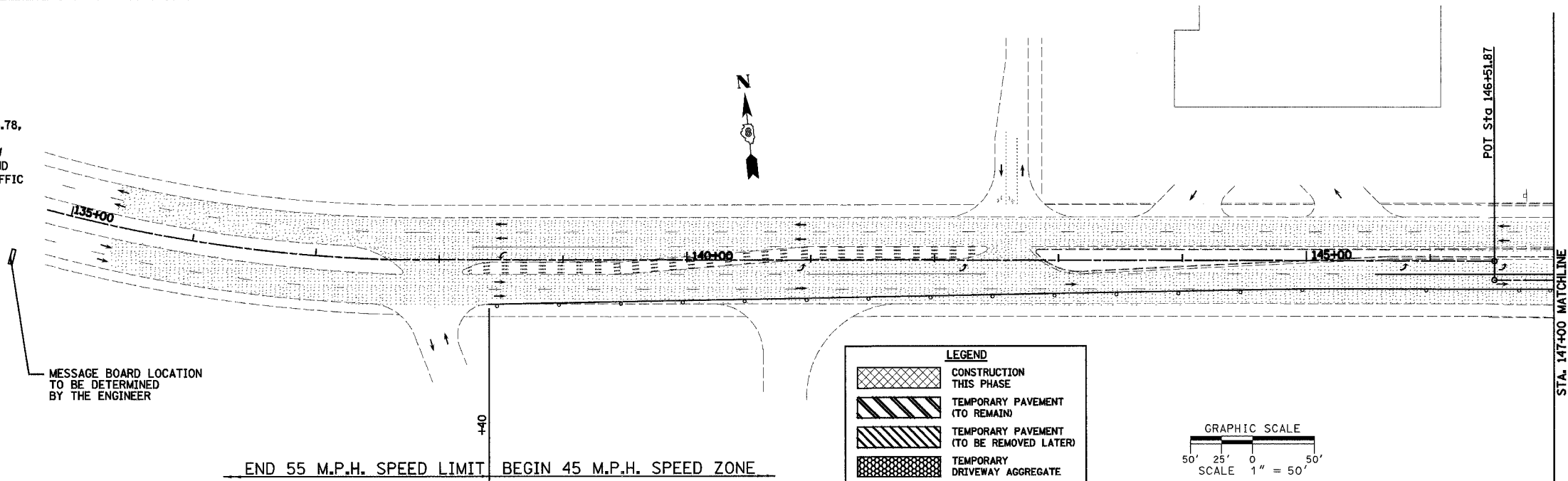
DETAIL B

- NOTES:**
1. PRIOR TO CONSTRUCTING STAGE 2, PLACE BIT. CONC. BINDER WEDGE TRANSITION ON EXISTING EAST BOUND LANE FROM STA. 159+00 TO STA. 164+00 TO MATCH NORTH EDGE OF PROPOSED LEFT-TURN LANE (STAGE 1A).
  2. PRIOR TO CONSTRUCTING PROPOSED IMPROVEMENTS, MILL EXISTING PAVEMENT AT ALL LOCATIONS WHERE THE PROPOSED PAVEMENT WIDENING EXCEEDS 2 FEET IN WIDTH AND WHERE PROPOSED CONCRETE CURBS OR MEDIANS ARE DOWELLED TO THE EXISTING PAVEMENT.
  3. FINAL SURFACE COURSE PLACEMENT ON THE PAVEMENT AND FINAL 2" LIFT ON THE SHOULDER TO OCCUR IN STAGE 4.

**STAGE 1**

DIVERT EASTBOUND TRAFFIC TO THE NORTH EAST OF GREEN MOUNT ROAD AND CONSTRUCT THE NEW EASTBOUND LANES AND ACCESS ROADS FROM PROJECT BEGINNING TO STA. 223+00. WITH TRAFFIC ON EXISTING PAVEMENT, CONSTRUCT THE NEW WESTBOUND LANES AND ACCESS ROADS FROM STA. 223+00 TO STA. 265+10 AND EASTBOUND LANES AND ACCESS ROADS FROM STA. 266+50 TO STA. 290+00. WIDEN THE WEST SIDE OF THE EXISTING PAVEMENT FROM STA. 290+00 TO STA. 338+10. CONSTRUCT TEMPORARY PAVEMENT FOR CROSS-OVERS AT STATIONS 150+00, 160+00, 223+00, 265+00 AND AT STATIONS 215+55.78, 288+32.00, AND 300+81.00 FOR CULVERT INSTALLATIONS. CONSTRUCT PAVEMENT CONNECTION FROM EXISTING PAVEMENT TO THE CENTERLINE OF FAP 103 FOR NEW ACCESS ROADS AT STATIONS 163+20 RIGHT, 180+56, 206+36, 232+13, 251+78, AND 276+84. CONSTRUCT CULVERTS AT STA. 328+17 AND 333+85 WITH ONE-LANE TRAFFIC AND FLAGGERS DURING DAY-TIME OPERATION ONLY.

REFER TO SHEETS 76 THROUGH 82 FOR TRAFFIC CONTROL PLANS FOR STAGE 1 CONSTRUCTION.



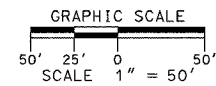
**GENERAL NOTES:**

THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO ALL ADJACENT PROPERTIES, PRIVATE DRIVES AND PUBLIC ROADWAYS THROUGHOUT THE LENGTH OF THE CONSTRUCTION CONTRACT. ALL EARTHWORK AND SUBGRADE PREPARATION REQUIRED FOR MAINTAINING TEMPORARY ACCESS WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.

REMOVAL OF TEMPORARY ACCESS MATERIALS INCLUDING: TEMPORARY AGGREGATE, ACCESS PIPE CULVERTS AND EARTH EMBANKMENTS WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS, PER FOOT FOR PIPE CULVERTS (TEMPORARY) AND PER CUBIC YARD FOR EARTH EXCAVATION.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE BY CONSTRUCTING TEMPORARY DITCHES AND CULVERTS AS SHOWN ON THE PLANS AND CROSS SECTIONS AND AS NECESSARY TO AVOID FLOODING OF ROADWAY AND ADJACENT PROPERTIES.

LEGEND	
[Hatched Pattern]	CONSTRUCTION THIS PHASE
[Diagonal Hatched]	TEMPORARY PAVEMENT (TO REMAIN)
[Cross-hatched]	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
[Dotted]	TEMPORARY DRIVEWAY AGGREGATE
[Stippled]	EXISTING PAVEMENT
[Arrow]	DIRECTION OF TRAFFIC FLOW THIS STAGE
[T-bar]	TYPE III BARRICADE
[Circle]	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
[Dashed Line]	TEMPORARY DITCH
[Wavy Line]	PROPOSED DITCH



REVISIONS	
NAME	DATE

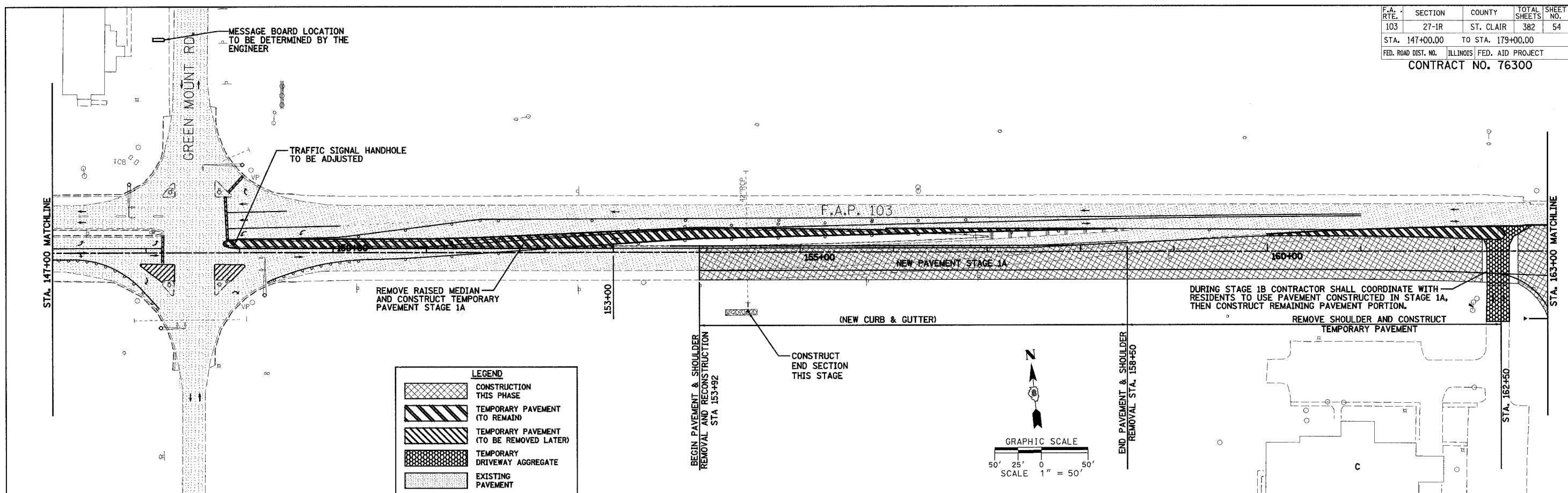
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 1**  
SHEET 1 OF 7 SHEETS  
F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.  
SCALE: 1" = 50'  
DATE **February 11, 2005**  
DRAWN BY **CRO**  
CHECKED BY **RCY**

DATE	BY

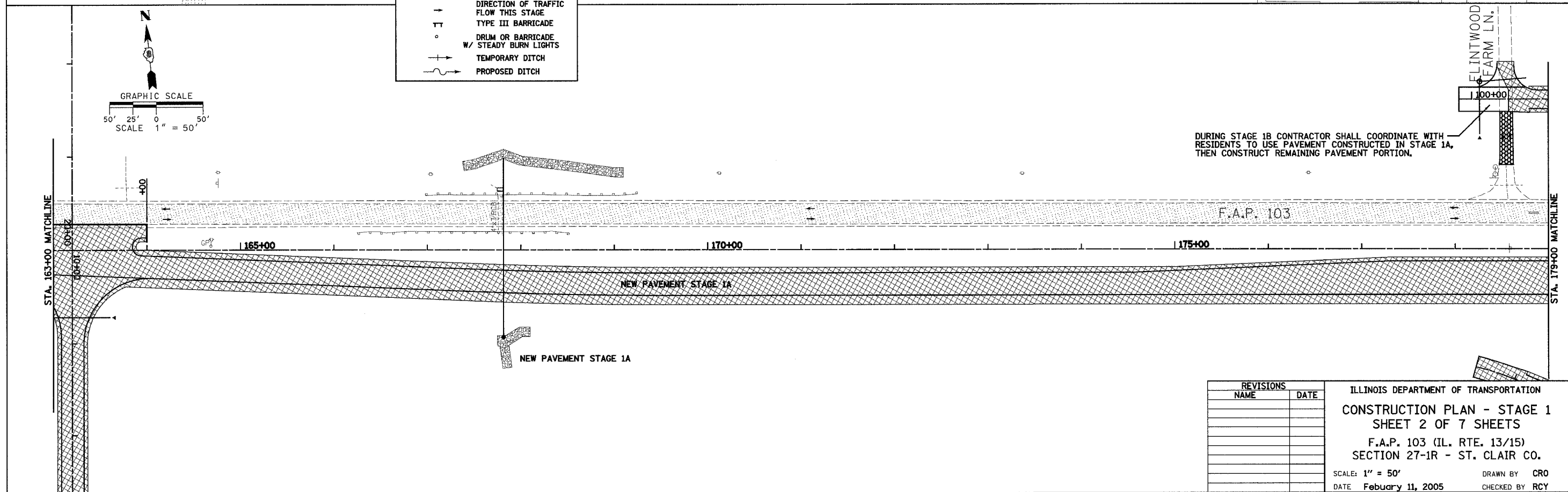
DATE	BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	54
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	DATE
NO. _____	BY _____
NO. _____	DATE _____
NO. _____	DATE _____
NO. _____	DATE _____



PLAN	DATE
NO. _____	BY _____
NO. _____	DATE _____
NO. _____	DATE _____
NO. _____	DATE _____



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 1**  
**SHEET 2 OF 7 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	55
STA. 179+00.00		TO STA. 211+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
<b>CONTRACT NO. 76300</b>				

DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

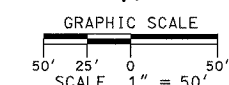
DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

TAPER PROPOSED SURFACE TO MATCH EXISTING EDGE OF PAVEMENT ( TO BE RESURFACED AT A LATER STAGE)

TAPER PROPOSED SURFACE TO MATCH EXISTING EDGE OF PAVEMENT (TO BE RESURFACED AT A LATER STAGE)

DATE	BY

DATE	BY

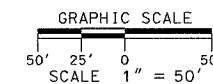


LEGEND	
[Cross-hatch pattern]	CONSTRUCTION THIS PHASE
[Diagonal lines /]	TEMPORARY PAVEMENT (TO REMAIN)
[Diagonal lines \]	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
[Dotted pattern]	TEMPORARY DRIVEWAY AGGREGATE
[Stippled pattern]	EXISTING PAVEMENT
[Arrow]	DIRECTION OF TRAFFIC FLOW THIS STAGE
[T-shaped symbol]	TYPE III BARRICADE
[Drum symbol]	DRUM OR BARRICADE
[W symbol]	STEADY BURN LIGHTS
[Dashed line]	TEMPORARY DITCH
[Solid line]	PROPOSED DITCH

NOTE: CONSTRUCT PROPOSED DITCH FROM STA 199+25 TO STA 206+00 LT AND PLUG EXISTING 3'x2' BOX CULVERT AT STA 202+75 LT.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 1**  
**SHEET 3 of 7 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE **February 11, 2005**  
 DRAWN BY **CRO**  
 CHECKED BY **RCY**



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	56
STA. 211+00.00		TO STA. 243+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 76300

NOTE: CONSTRUCT PROPOSED DITCH FROM STA 210+50 TO 215+50 LT AND PLUG EXISTING 24" PIPE CULVERT AT STA 210+50 LT

NOTE: CONSTRUCT TEMPORARY DITCH FROM STA 221+00 TO 223+50 LT AND PLUG EXISTING 30" PIPE CULVERT AT STA 221+34 LT

DURING STAGE 1C CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

DURING STAGE 1C CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

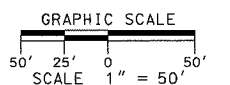
DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

TAPER PROPOSED SURFACE TO MATCH EXISTING EDGE OF PAVEMENT (TO BE RESURFACED AT A LATER STAGE)

**LEGEND**

- CONSTRUCTION THIS PHASE
- TEMPORARY PAVEMENT (TO REMAIN)
- TEMPORARY PAVEMENT (TO BE REMOVED LATER)
- TEMPORARY DRIVEWAY AGGREGATE
- EXISTING PAVEMENT
- DIRECTION OF TRAFFIC FLOW THIS STAGE
- TYPE III BARRICADE
- DRUM OR BARRICADE W/ STEADY BURN LIGHTS
- TEMPORARY DITCH
- PROPOSED DITCH

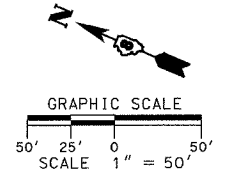


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	FILED	

PLAN	SURVEYED	DATE
NO.	BY	
	NOTED	
	CHECKED	
	FILED	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION PLAN - STAGE 1  
SHEET 4 OF 7 SHEETS  
F.A.P. 103 (IL. RTE. 13/15)  
SECTION 27-1R - ST. CLAIR CO.  
SCALE: 1" = 50'  
DATE February 11, 2005  
DRAWN BY CRO  
CHECKED BY RCY

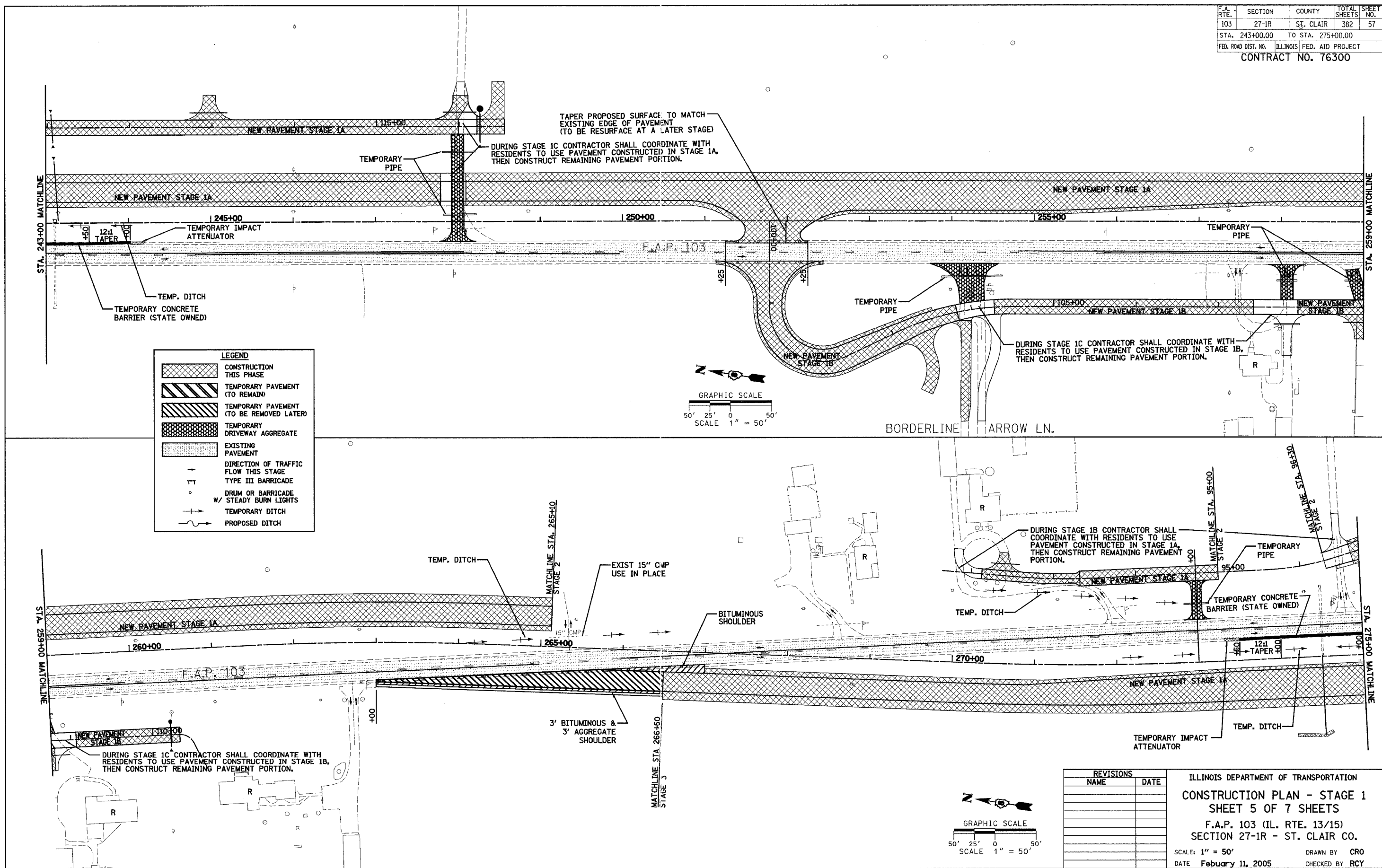


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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	57
STA. 243+00.00		TO STA. 275+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	SURVEYED	DATE
NO.	BY	
	PLOTTED	
	BY	
	DATE	
	NOTE BOOK	
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	FILE NAME	

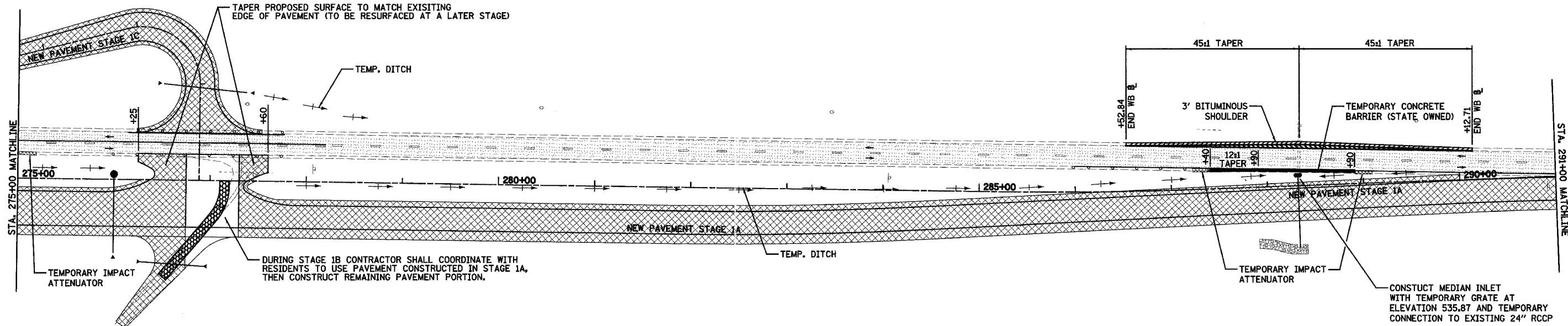
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NO.	BY	
	PLOTTED	
	BY	
	DATE	
	NOTE BOOK	
	NO.	
	FILE NAME	



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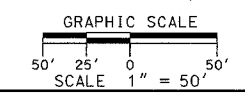
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	58
STA. 275+00.00		TO STA. 307+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	DATE
SUPERSED	BY
PLOTTED	DATE
NOTED	BY
FILED	DATE
NO.	FILE NAME

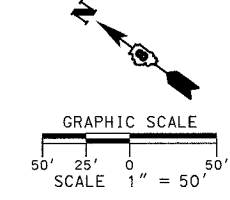
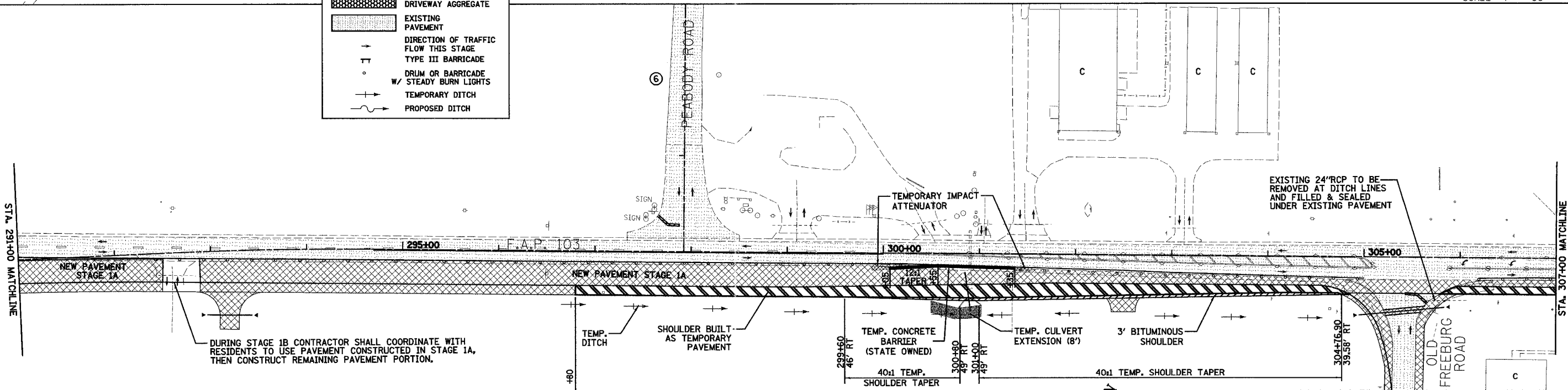


**LEGEND**

	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH



PLAN	DATE
SUPERSED	BY
PLOTTED	DATE
NOTED	BY
FILED	DATE
NO.	FILE NAME



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION PLAN - STAGE 1**

**SHEET 6 OF 7 SHEETS**

F.A.P. 103 (IL. RTE. 13/15)

SECTION 27-1R - ST. CLAIR CO.

SCALE: 1" = 50'

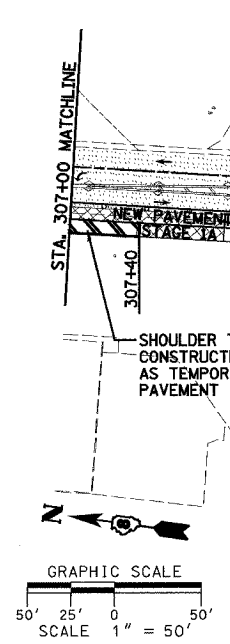
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CHECKED BY: RCY

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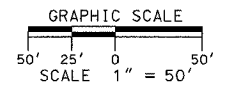
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PLAN	
REVISIONS	
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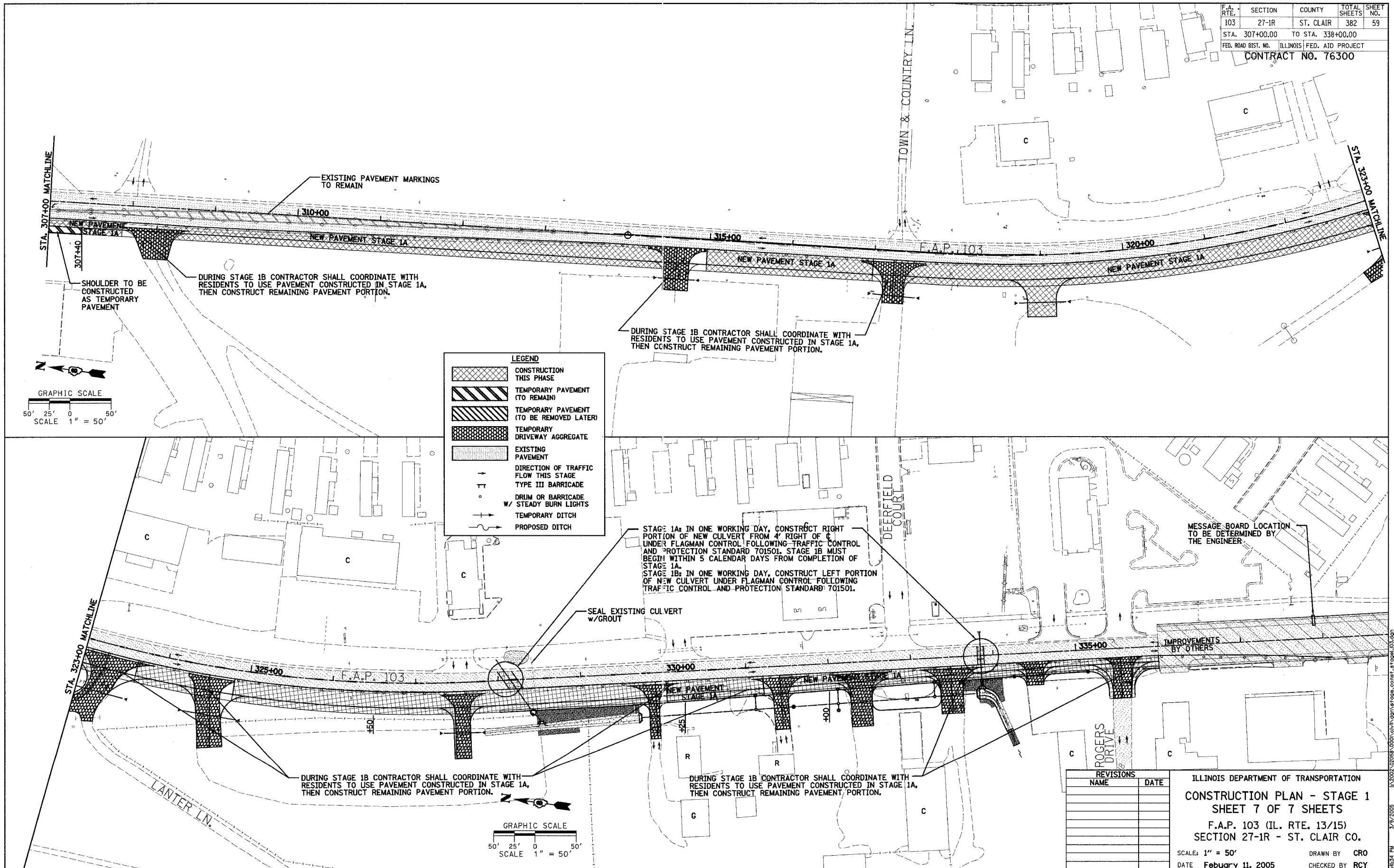
	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH

DATE	
BY	
PLAN	
REVISIONS	
NOTED	
NO.	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 1**  
**SHEET 7 OF 7 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE **February 11, 2005** DRAWN BY **CRO**  
 CHECKED BY **RCY**

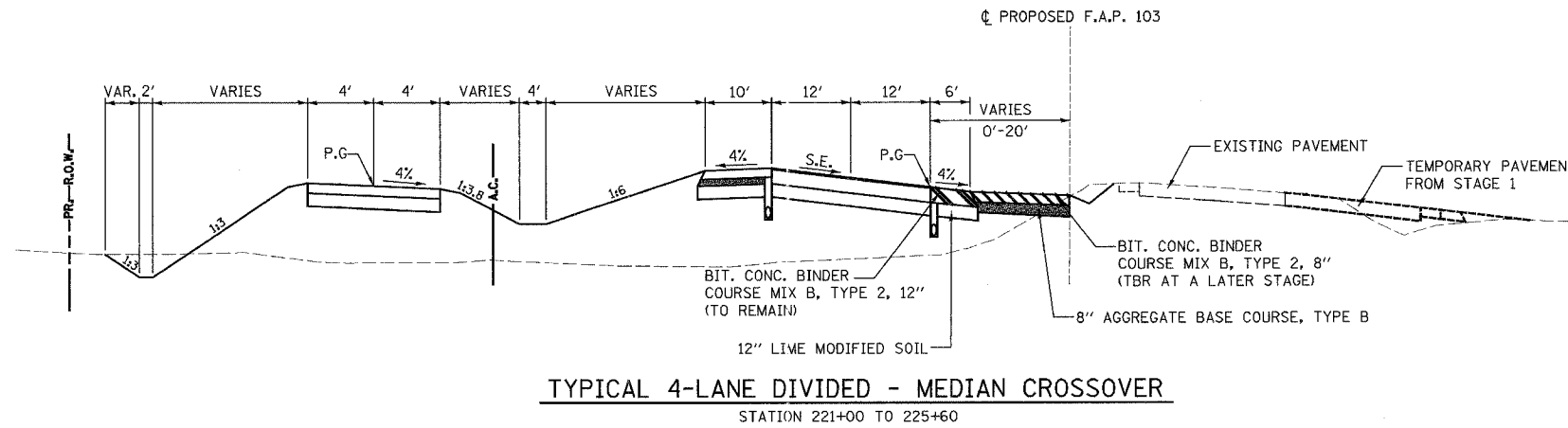


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	60
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	BY	SURVEYED
		ALIGNED
		CHECKED
		RT. OF WAY CHECKED
		DWG. FILE NAME
PLAN	NO.	



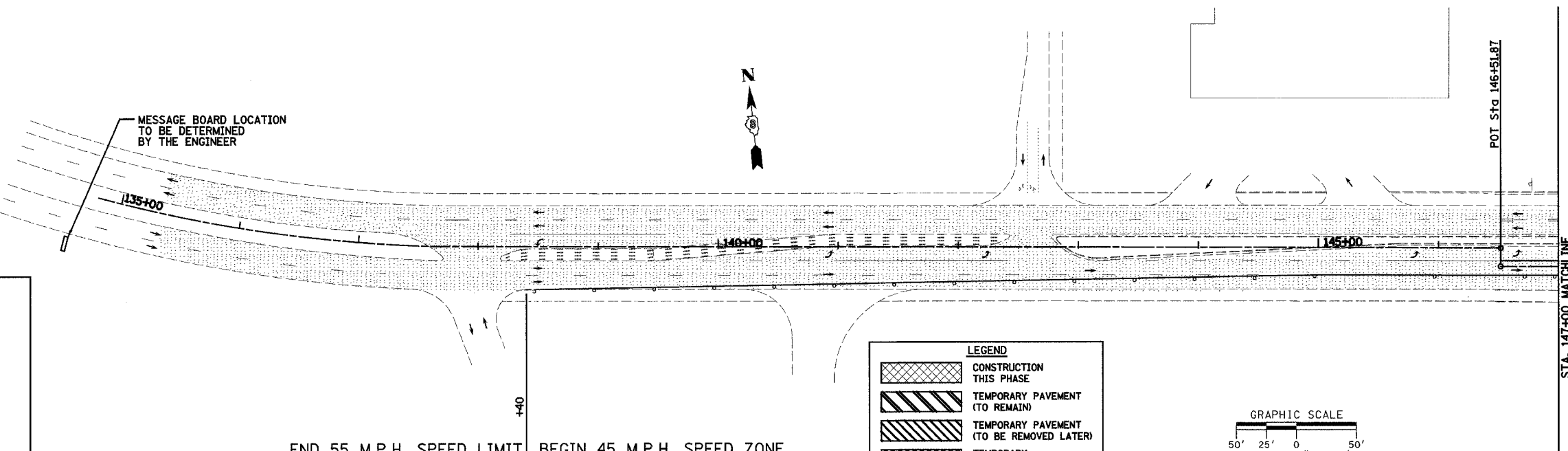
**NOTES:**

- PRIOR TO CONSTRUCTING PROPOSED IMPROVEMENTS MILL EXISTING PAVEMENT AT ALL LOCATIONS WHERE THE PROPOSED PAVEMENT WIDENING EXCEEDS 2 FEET IN WIDTH AND WHERE PROPOSED CONCRETE CURBS OR MEDIANS ARE DOWELLED TO THE EXISTING PAVEMENT
- FINAL SURFACE COURSE PLACEMENT ON THE PAVEMENT AND FINAL 2" LIFT ON THE SHOULDER TO OCCUR IN STAGE 4.

DATE	BY	SURVEYED
		ALIGNED
		CHECKED
		RT. OF WAY CHECKED
		DWG. FILE NAME
PLAN	NO.	

**STAGE 2**  
 DIVERT EASTBOUND TRAFFIC TO THE PROPOSED EASTBOUND LANES EAST OF GREEN MOUNT ROAD AND WIDEN, RESURFACE AND RECONSTRUCT WESTBOUND LANES FROM STA. 162+50 TO STA. 223+00 AND FROM STA. 265+10 TO STA. 292+57\*. MAINTAIN TRAFFIC ON THE PROPOSED EASTBOUND LANES AND WIDEN THE EAST SIDE OF THE EXISTING PAVEMENT FROM STA. 292+57\* TO STA. 338+10. COMPLETE CULVERTS AT STATIONS 167+81.52, 185+16.12, 196+21.58, 215+55.78, 274+50.00, 288+32.00 AND 300+82.43 LEFT OF CENTERLINE. CONSTRUCT ACCESS ROAD AT 163+20 LEFT

\*WB EOP STATIONING  
 REFER TO SHEETS 84 THROUGH 90 FOR TRAFFIC CONTROL PLANS FOR STAGE 2 CONSTRUCTION.



**GENERAL NOTES:**

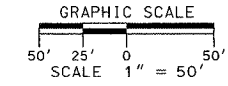
THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO ALL ADJACENT PROPERTIES, PRIVATE DRIVES AND PUBLIC ROADWAYS THROUGHOUT THE LENGTH OF THE CONSTRUCTION CONTRACT. ALL EARTHWORK AND SUBGRADE PREPARATION REQUIRED FOR MAINTAINING TEMPORARY ACCESS WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.

REMOVAL OF TEMPORARY ACCESS MATERIALS INCLUDING: TEMPORARY AGGREGATE, ACCESS PIPE CULVERTS AND EARTH EMBANKMENTS WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS, PER FOOT FOR PIPE CULVERTS(TEMPORARY) AND PER CUBIC YARD FOR EARTH EXCAVATION.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE BY CONSTRUCTING TEMPORARY DITCHES AND CULVERTS AS SHOWN ON THE PLANS AND CROSS SECTIONS AND AS NECESSARY TO AVOID FLOODING OF ROADWAY AND ADJACENT PROPERTIES.

**LEGEND**

[Cross-hatched pattern]	CONSTRUCTION THIS PHASE
[Diagonal hatching /]	TEMPORARY PAVEMENT (TO REMAIN)
[Diagonal hatching \]	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
[Dotted pattern]	TEMPORARY DRIVEWAY AGGREGATE
[Stippled pattern]	EXISTING PAVEMENT
[Arrow]	DIRECTION OF TRAFFIC FLOW THIS STAGE
[T-bar symbol]	TYPE III BARRICADE
[Dot symbol]	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
[Dashed line]	TEMPORARY DITCH
[Wavy line]	PROPOSED DITCH

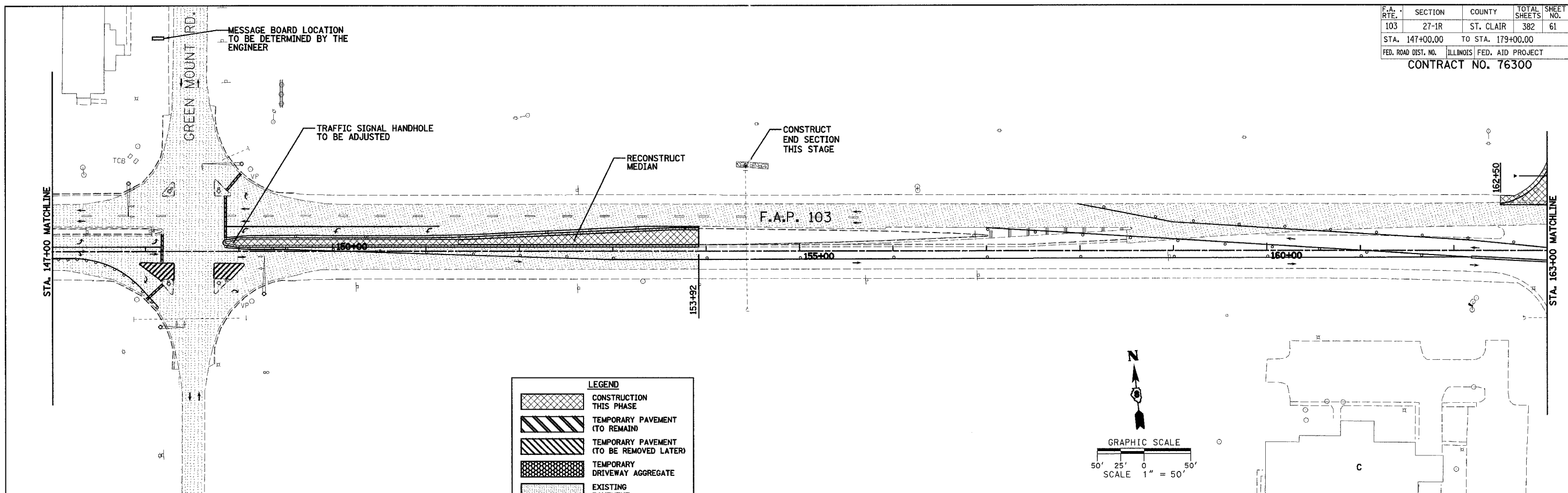


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION CONSTRUCTION PLAN - STAGE 2 SHEET 1 OF 7 F.A.P. 103 (IL. RTE. 13/15) SECTION 27-1R - ST. CLAIR CO. SCALE: 1" = 50' DATE February 11, 2005	DRAWN BY CRO CHECKED BY RCY
NAME	DATE		

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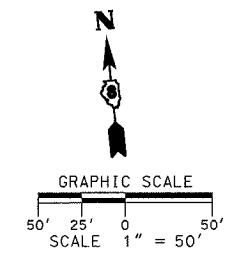
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	61
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	SUBMITTED	DATE
	BY	
	PLOTTED	
	REVISIONS	
	NOTED	
	BY	
	DATE	
	NO.	

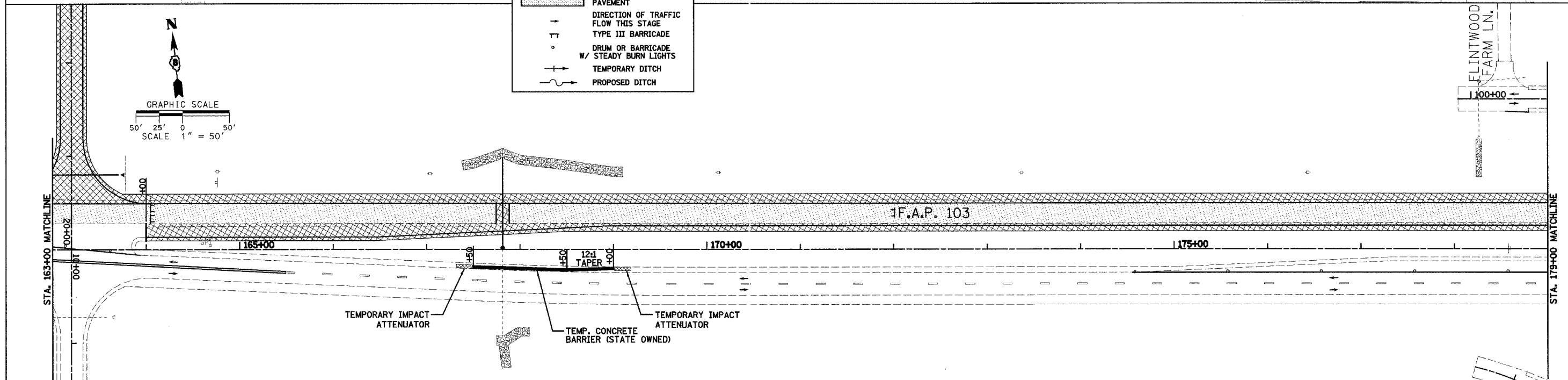


**LEGEND**

	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH



PLAN	SUBMITTED	DATE
	BY	
	PLOTTED	
	REVISIONS	
	NOTED	
	BY	
	DATE	
	NO.	



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 2**  
**SHEET 2 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE **February 11, 2005**

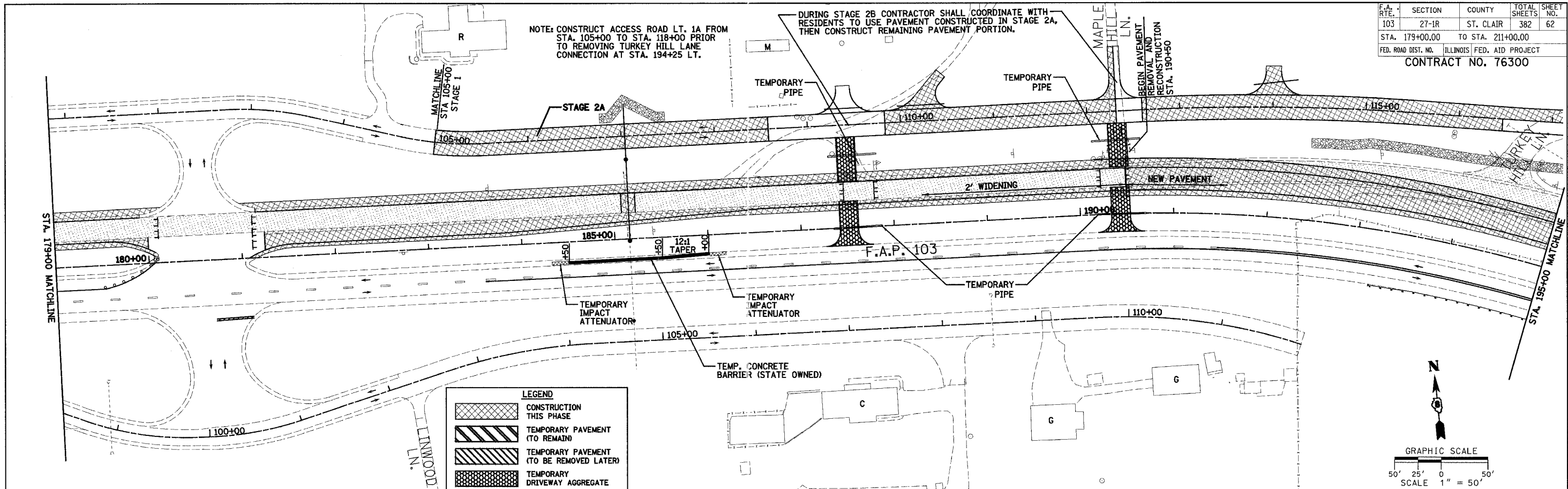
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 CHECKED BY **RCY**

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	62
STA. 179+00.00		TO STA. 211+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

NOTE: CONSTRUCT ACCESS ROAD LT. 1A FROM STA. 105+00 TO STA. 118+00 PRIOR TO REMOVING TURKEY HILL LANE CONNECTION AT STA. 194+25 LT.

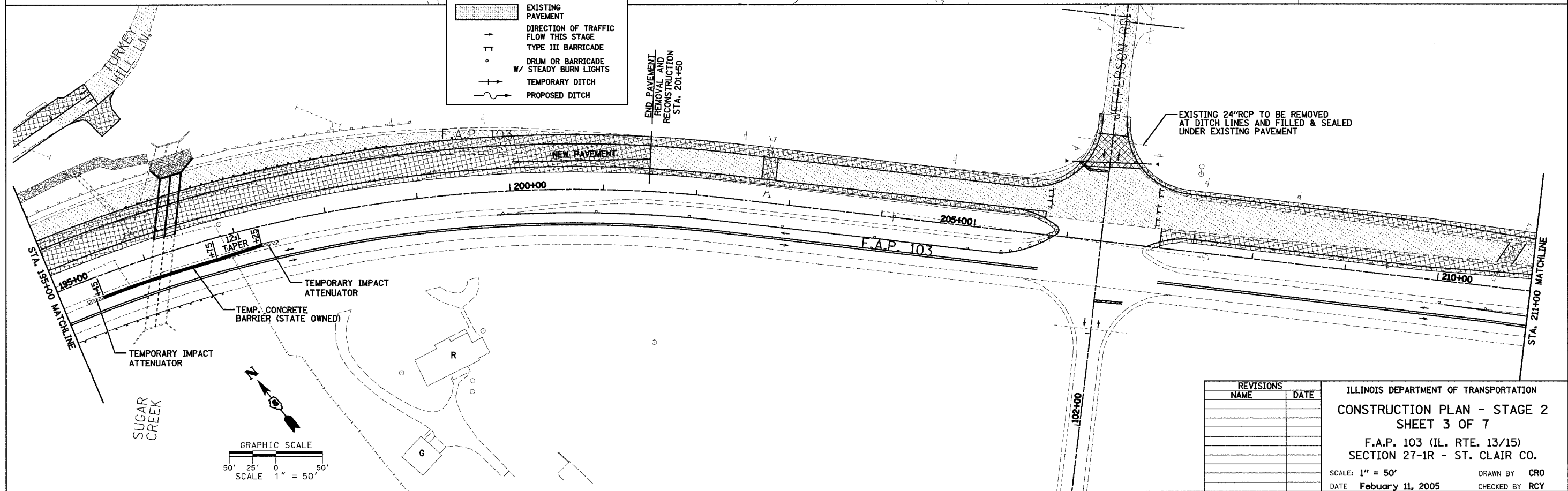
DURING STAGE 2B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 2A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.



LEGEND	
	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH

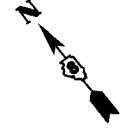
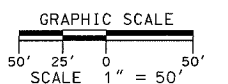
PLAN	DATE
NO.	BY
NO.	BY
NO.	BY

PLAN	DATE
NO.	BY
NO.	BY
NO.	BY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 2**  
**SHEET 3 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

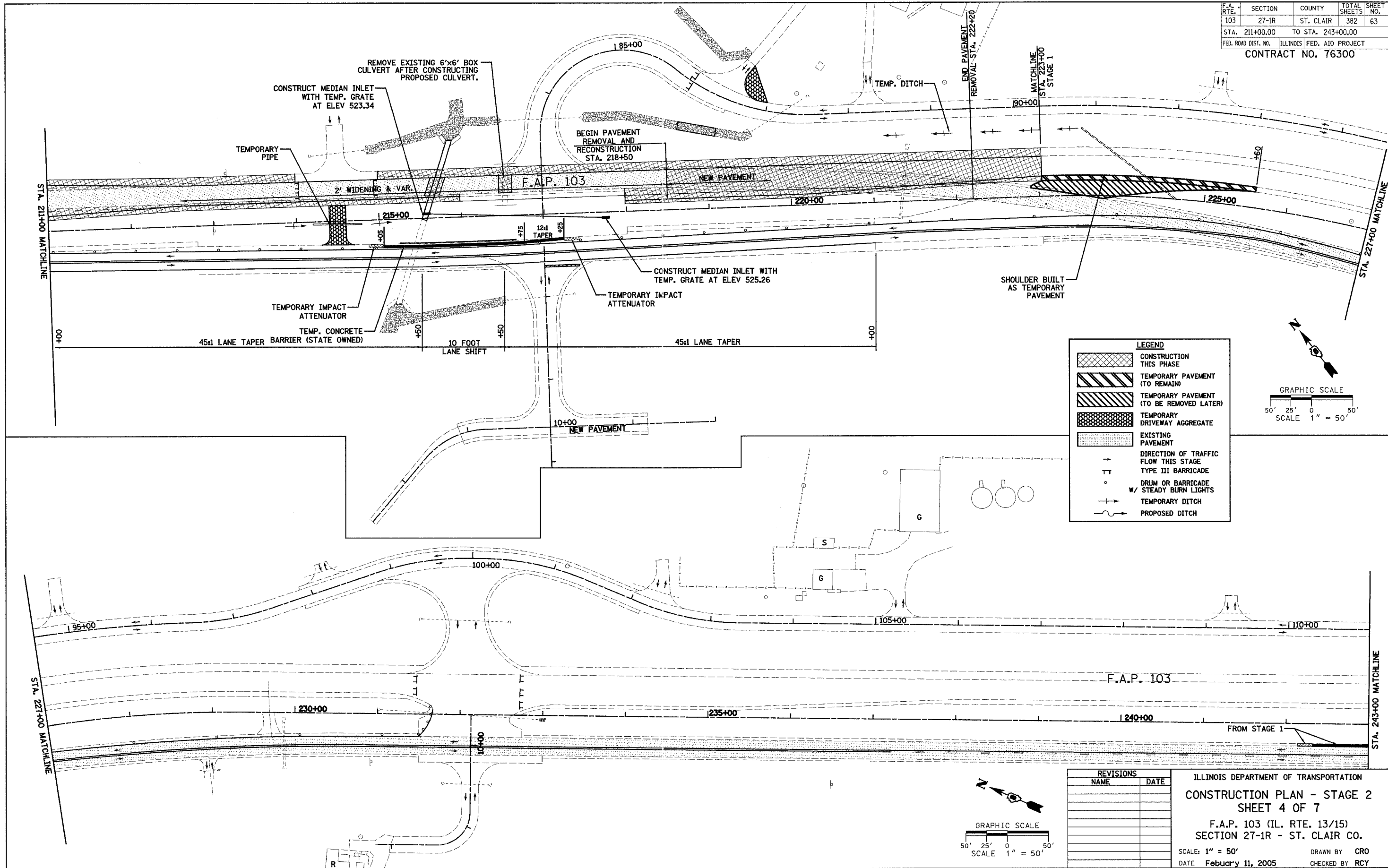


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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	63
STA. 211+00.00		TO STA. 243+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	LOCAL CHECKED	
	RT. OF WAY CHECKED	
	CONTRACT FILE NAME	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	LOCAL CHECKED	
	RT. OF WAY CHECKED	
	CONTRACT FILE NAME	



LEGEND	
[Cross-hatched pattern]	CONSTRUCTION THIS PHASE
[Diagonal lines, top-left to bottom-right]	TEMPORARY PAVEMENT (TO REMAIN)
[Diagonal lines, bottom-left to top-right]	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
[Stippled pattern]	TEMPORARY DRIVEWAY AGGREGATE
[Dotted pattern]	EXISTING PAVEMENT
[Arrow with bar]	DIRECTION OF TRAFFIC FLOW THIS STAGE
[T-shaped symbol]	TYPE III BARRICADE
[Circle with cross]	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
[Dashed line]	TEMPORARY DITCH
[Solid line]	PROPOSED DITCH

REVISIONS	
NAME	DATE

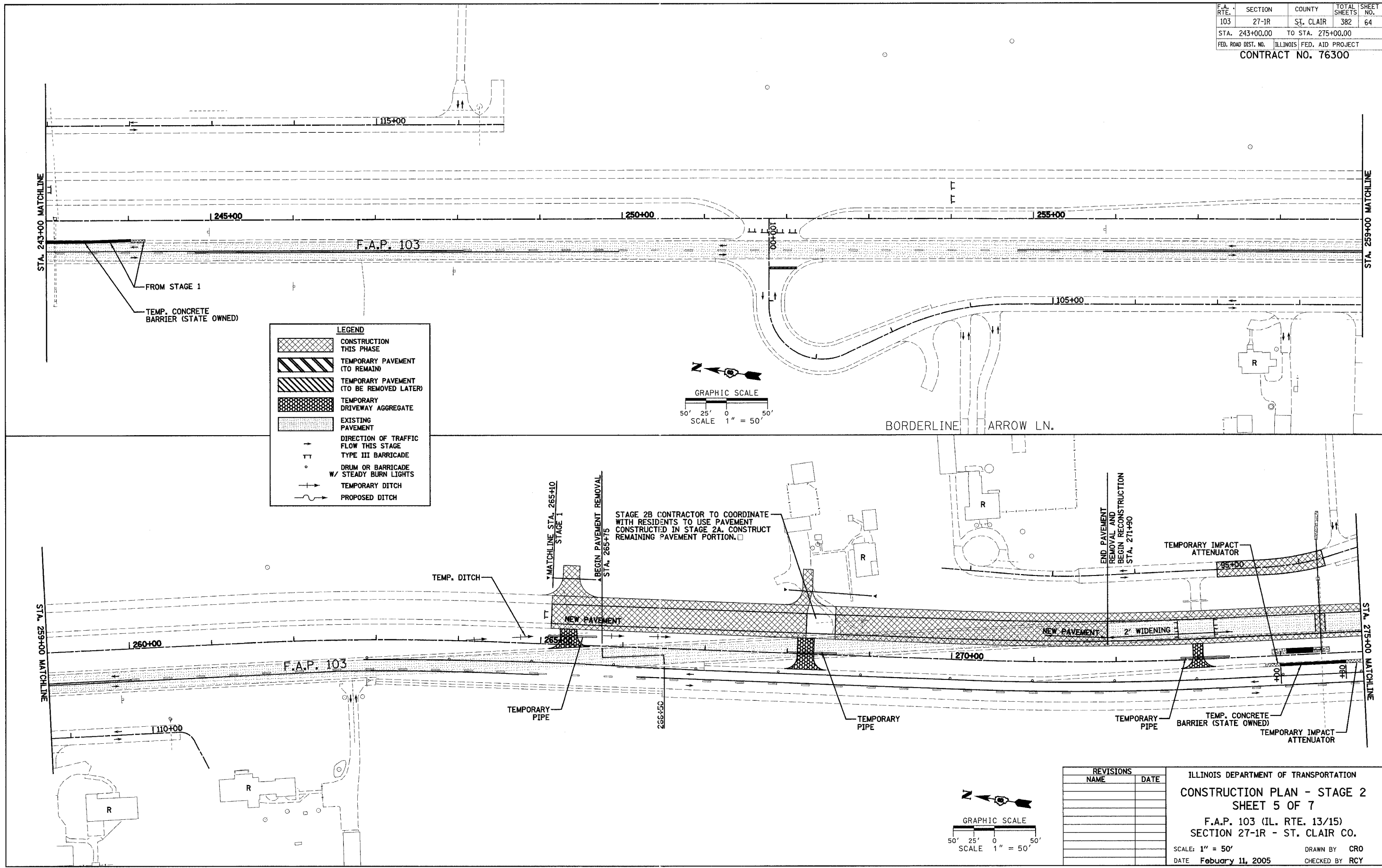
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 2**  
**SHEET 4 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	64
STA. 243+00.00		TO STA. 275+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

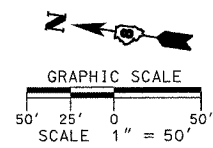
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NO. _____	BY _____
DATE	
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DATE	
NO. _____	BY _____
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PLAN	DATE
NO. _____	BY _____
DATE	
NO. _____	BY _____
DATE	
NO. _____	BY _____
DATE	



REVISIONS	NAME	DATE

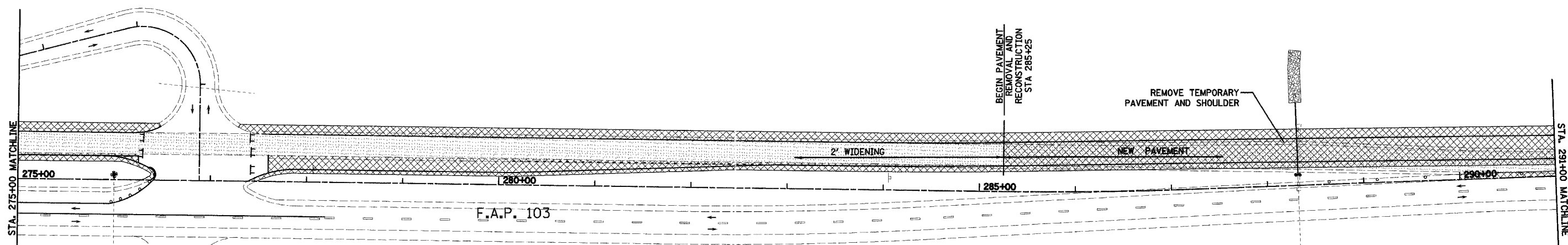
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 2**  
**SHEET 5 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY



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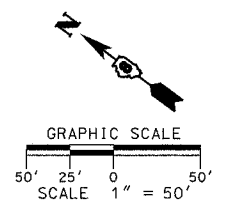
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	65
STA. 275+00.00		TO STA. 307+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE

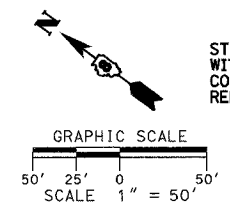
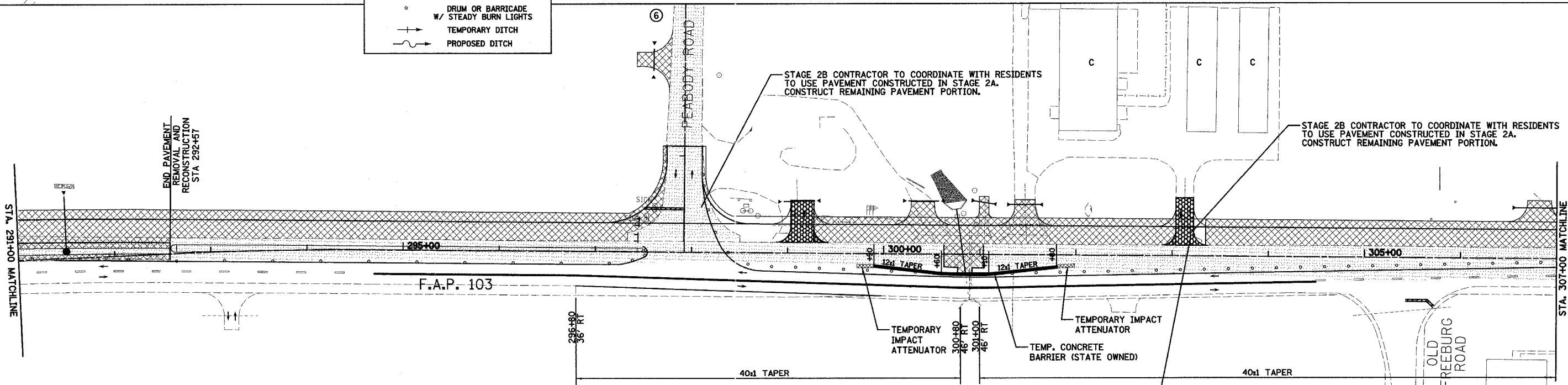


**LEGEND**

[Cross-hatched pattern]	CONSTRUCTION THIS PHASE
[Diagonal lines /]	TEMPORARY PAVEMENT (TO REMAIN)
[Diagonal lines \]	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
[Dotted pattern]	TEMPORARY DRIVEWAY AGGREGATE
[Stippled pattern]	EXISTING PAVEMENT
[Arrow]	DIRECTION OF TRAFFIC FLOW THIS STAGE
[T-bar symbol]	TYPE III BARRICADE
[Circle with cross]	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
[Dashed line]	TEMPORARY DITCH
[Wavy line]	PROPOSED DITCH



PLAN	DATE
NO.	BY
NO.	DATE
NO.	DATE
NO.	DATE



REVISIONS	NAME	DATE

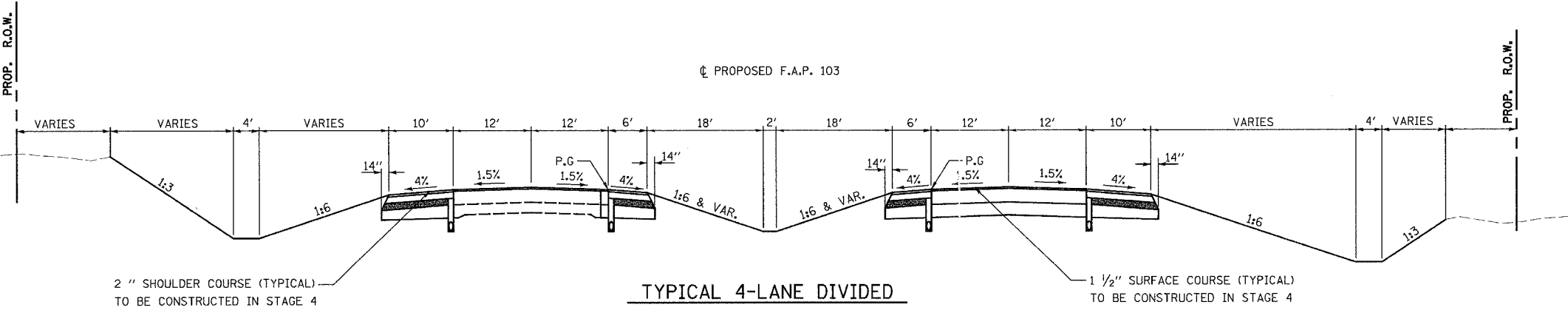
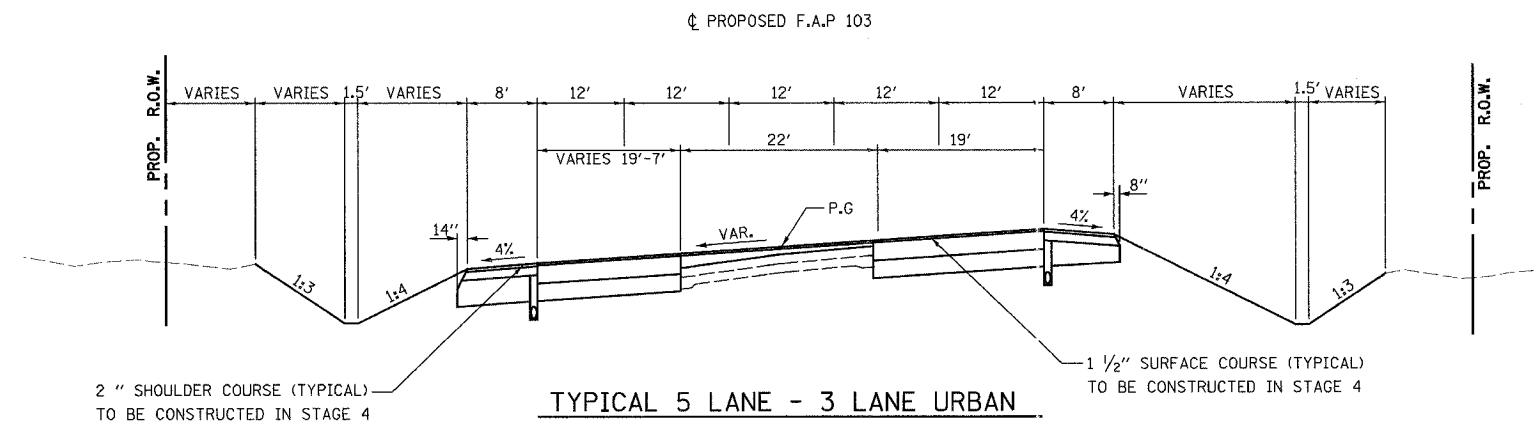
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 2**  
**SHEET 6 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	67
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

DATE	BY	SURVEYED	ALIGNED	CHECKED
PLAN	NO.	NO.	NO.	NO.



**NOTES:**

- MILL EXISTING PAVEMENT AT ALL LOCATIONS WHERE THE PROPOSED PAVEMENT WIDENING EXCEEDS 2 FEET IN WIDTH AND WHERE PROPOSED CONCRETE CURBS OR MEDIANS ARE DOWELLED TO THE EXISTING PAVEMENT PRIOR TO CONSTRUCTING PROPOSED IMPROVEMENTS.
- FINAL SURFACE COURSE PLACEMENT ON THE PAVEMENT AND FINAL 2" LIFT ON THE SHOULDER TO OCCUR IN STAGE 4.

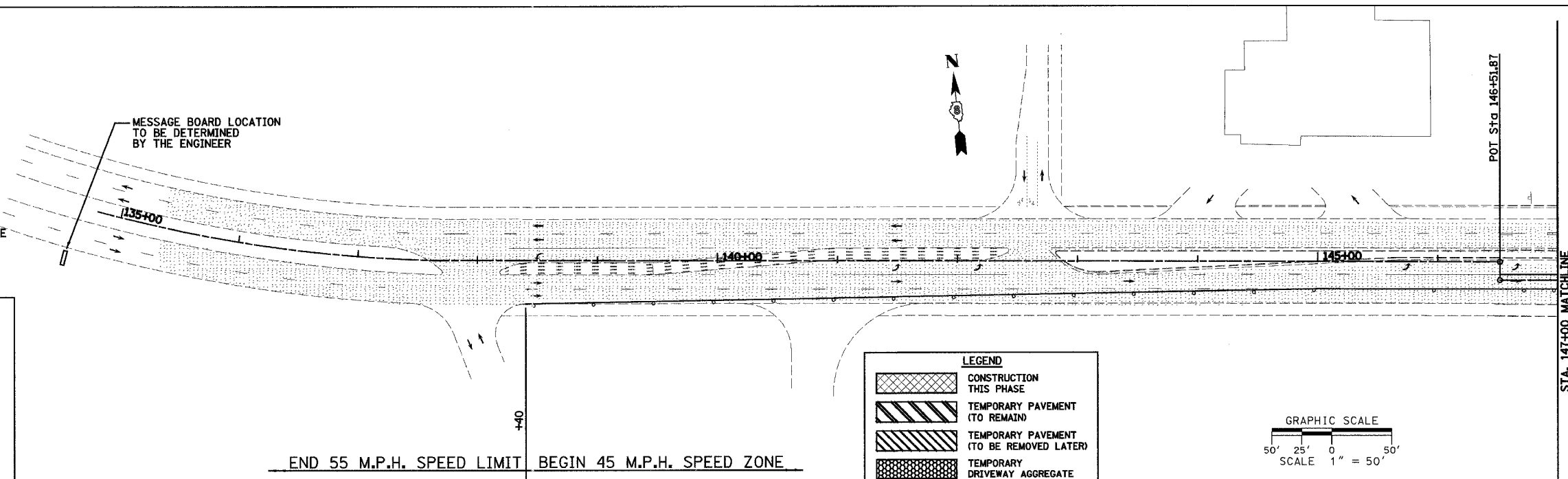
**STAGE 3**

DIVERT TRAFFIC TO OUTSIDE LANES OF PROPOSED EASTBOUND AND WESTBOUND PAVEMENTS FROM STA. 153+92 TO STA. 162+50 AND THE OUTSIDE LANE OF PROPOSED EASTBOUND PAVEMENT FROM STA. 212+80 TO 218+00 TO ALLOW TEMPORARY PAVEMENT REMOVAL AND MEDIAN WORK IN THESE AREAS. MAINTAIN TRAFFIC ON PROPOSED WESTBOUND LANES FROM STA. 223+00 TO STA. 298+00. WIDEN, RESURFACE AND RECONSTRUCT EASTBOUND LANES FROM STA. 223+00 TO STA. 266+50.

REFER TO SHEETS 92 THROUGH 98 FOR TRAFFIC CONTROL PLANS FOR STAGE 3 CONSTRUCTION.

**STAGE 4**

REMOVE TEMPORARY MEDIAN CROSS-OVER AT STA 223+00, FINAL GRADE MEDIAN AND FILL TEMPORARY PIPE AT STA. 224+00. OVERLAY ENTIRE PROJECT WITH BITUMINOUS SURFACE ON PAVEMENT AND 2 INCHES ON THE SHOULDERS. MAINTAIN TRAFFIC ACCORDING TO STANDARD 701421.



**GENERAL NOTES:**

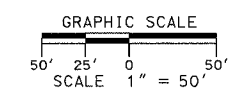
THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO ALL ADJACENT PROPERTIES, PRIVATE DRIVES AND PUBLIC ROADWAYS THROUGHOUT THE LENGTH OF THE CONSTRUCTION CONTRACT. ALL EARTHWORK AND SUBGRADE PREPARATION REQUIRED FOR MAINTAINING TEMPORARY ACCESS WILL NOT BE MEASURED AND PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.

REMOVAL OF TEMPORARY ACCESS MATERIALS INCLUDING: TEMPORARY AGGREGATE, ACCESS PIPE CULVERTS AND EARTH EMBANKMENTS WILL NOT BE MEASURED AND PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS, PER FOOT FOR PIPE CULVERTS(TEMPORARY) AND PER CUBIC YARD FOR EARTH EXCAVATION.

THE CONTRACTOR SHALL MAINTAIN DRAINAGE BY CONSTRUCTING TEMPORARY DITCHES AND CULVERTS AS SHOWN ON THE PLANS AND CROSS SECTIONS AND AS NECESSARY TO AVOID FLOODING OF ROADWAY AND ADJACENT PROPERTIES.

**LEGEND**

- CONSTRUCTION THIS PHASE
- TEMPORARY PAVEMENT (TO REMAIN)
- TEMPORARY PAVEMENT (TO BE REMOVED LATER)
- TEMPORARY DRIVEWAY AGGREGATE
- EXISTING PAVEMENT
- DIRECTION OF TRAFFIC FLOW THIS STAGE
- TYPE III BARRICADE
- DRUM OR BARRICADE W/ STEADY BURN LIGHTS
- TEMPORARY DITCH
- PROPOSED DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 3**  
**SHEET 1 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

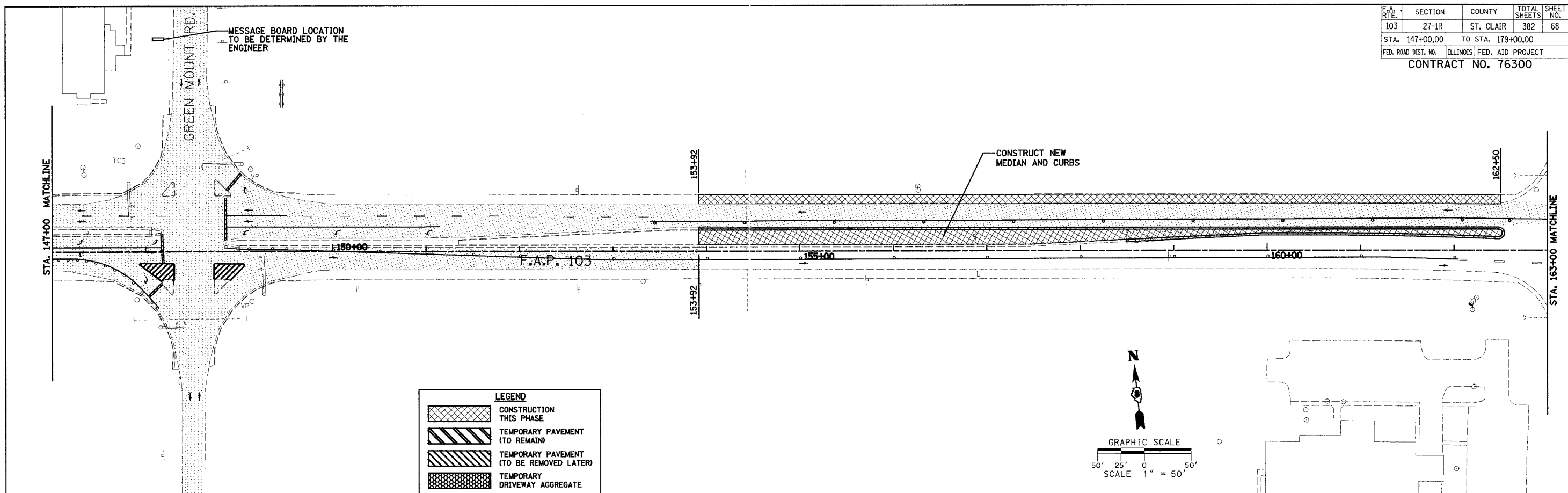
DATE	BY	SURVEYED	ALIGNED	CHECKED
PLAN	NO.	NO.	NO.	NO.

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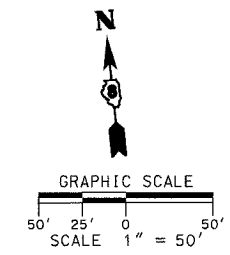
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	68
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	DATE
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REVISIONS	
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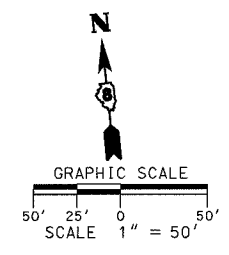
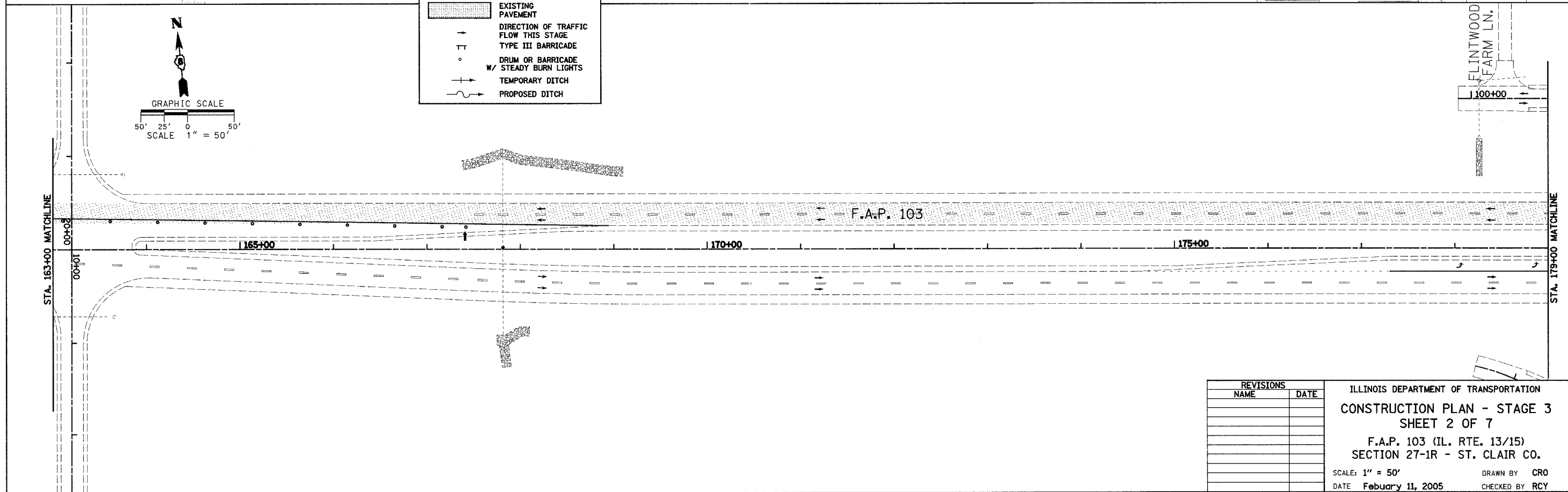


**LEGEND**

	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH



PLAN	DATE
NO.	
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REVISIONS	DATE
NAME	

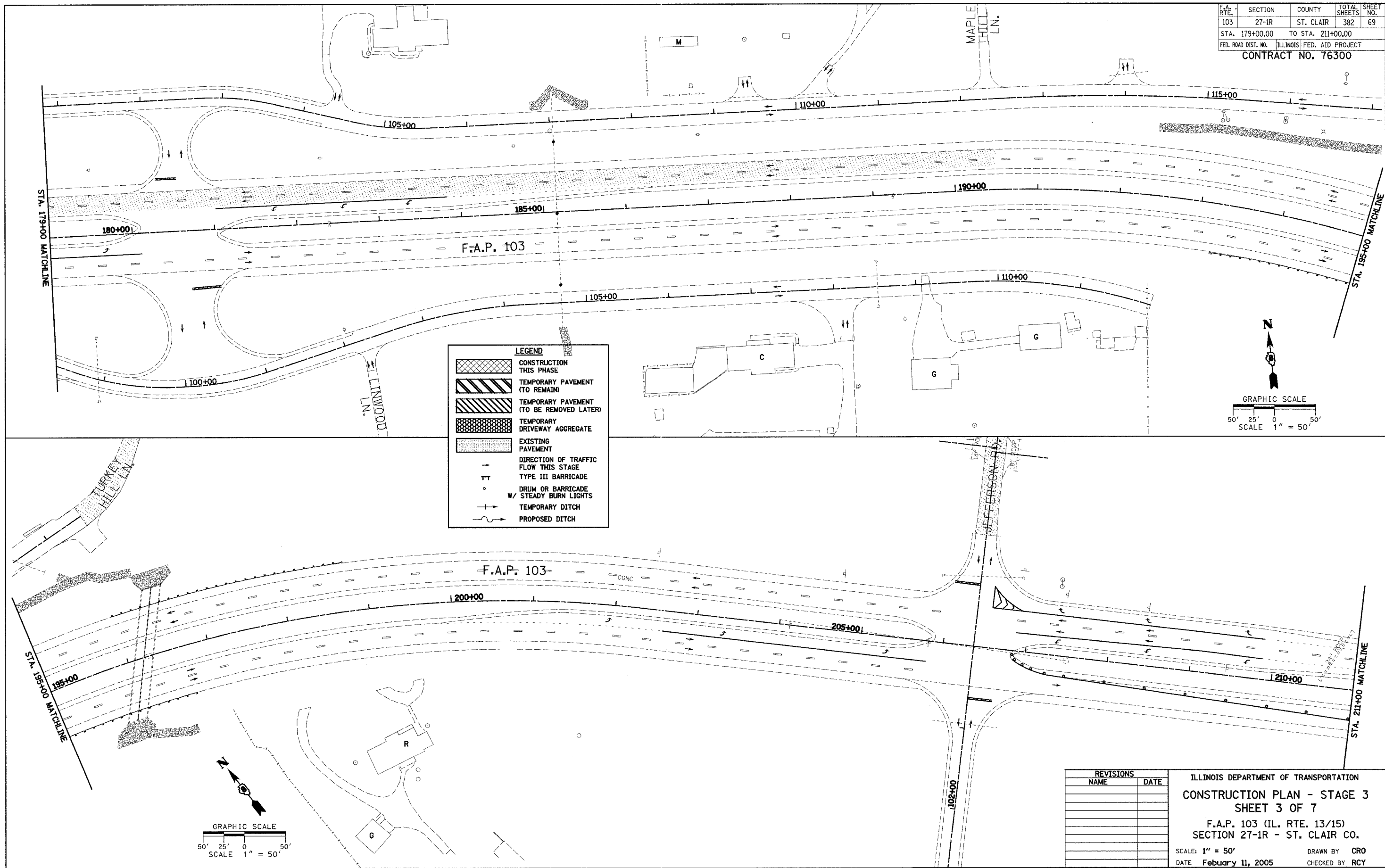
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 3**  
**SHEET 2 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE **February 11, 2005**  
 DRAWN BY **CRO**  
 CHECKED BY **RCY**

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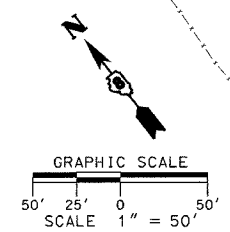
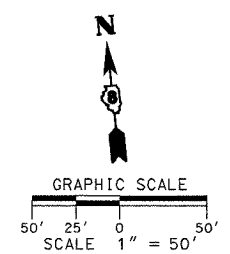
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	69
STA. 179+00.00		TO STA. 211+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

DATE	BY

DATE	BY



LEGEND	
	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH



REVISIONS	
NAME	DATE

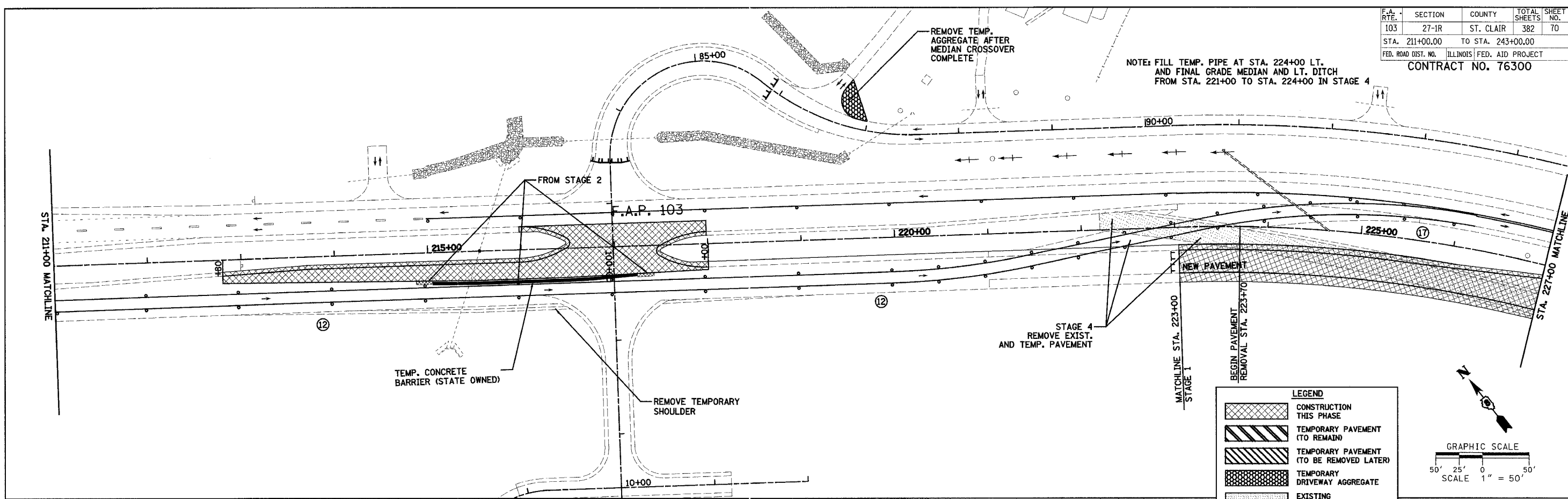
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 3**  
**SHEET 3 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	70
STA. 211+00.00		TO STA. 243+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76300	

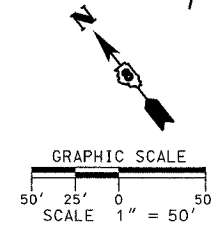
NOTE: FILL TEMP. PIPE AT STA. 224+00 LT. AND FINAL GRADE MEDIAN AND LT. DITCH FROM STA. 221+00 TO STA. 224+00 IN STAGE 4

PLAN	SURVEYED	DATE
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ADD. FILE NAME		

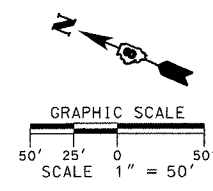
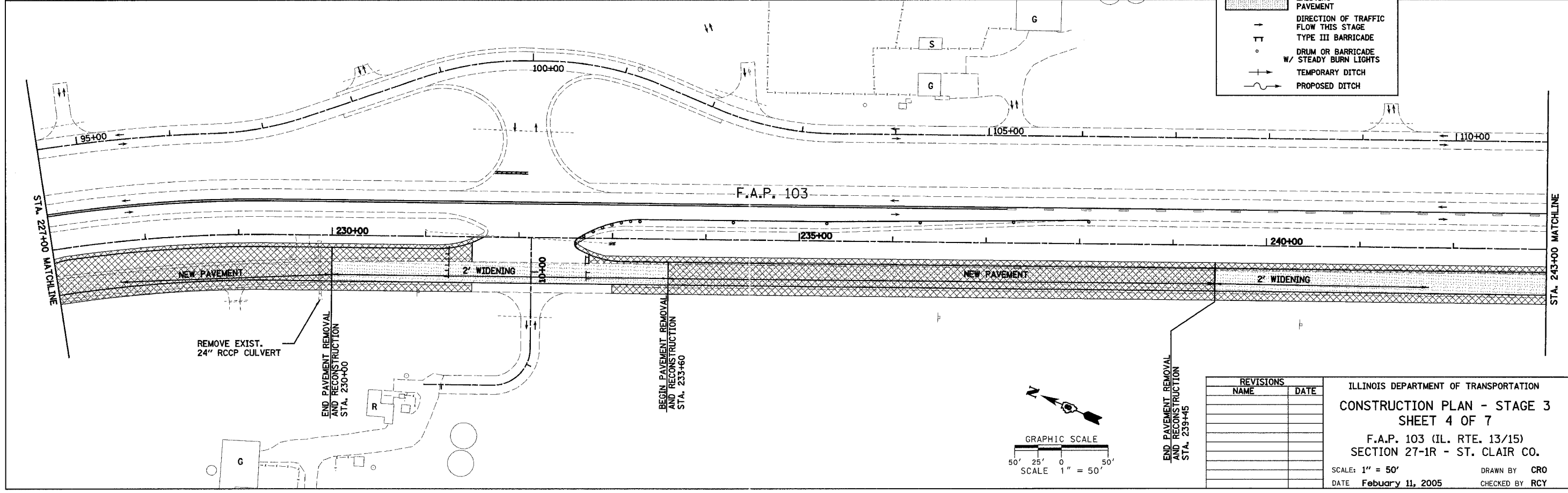


**LEGEND**

- CONSTRUCTION THIS PHASE
- TEMPORARY PAVEMENT (TO REMAIN)
- TEMPORARY PAVEMENT (TO BE REMOVED LATER)
- TEMPORARY DRIVEWAY AGGREGATE
- EXISTING PAVEMENT
- DIRECTION OF TRAFFIC FLOW THIS STAGE
- TYPE III BARRICADE
- DRUM OR BARRICADE W/ STEADY BURN LIGHTS
- TEMPORARY DITCH
- PROPOSED DITCH



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



REVISIONS	
NAME	DATE

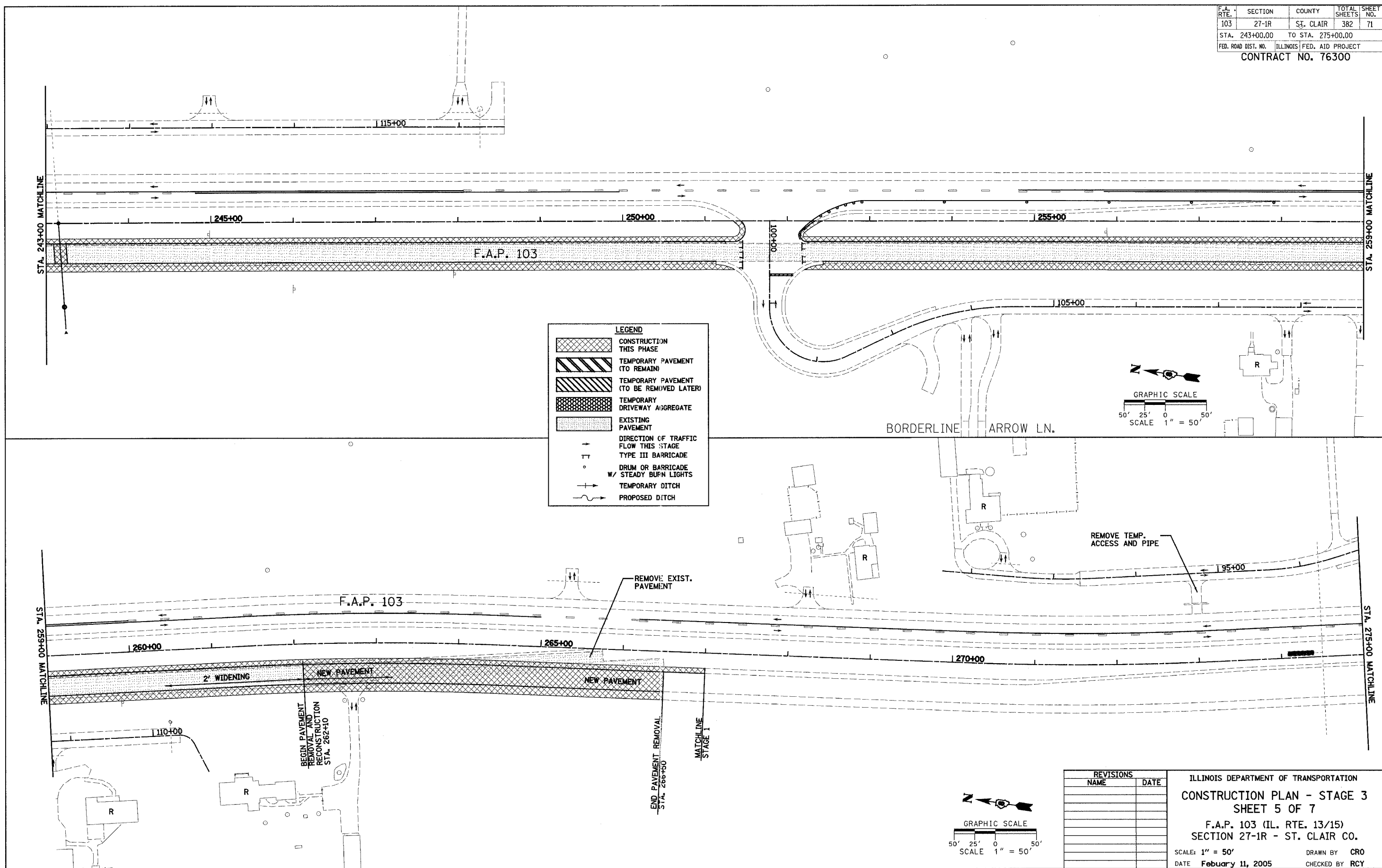
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 3**  
**SHEET 4 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	71
STA. 243+00.00		TO STA. 275+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	BY
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DATE	BY
PLAN	
NO.	
NOTE BOOK	
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CADD FILE NAME	



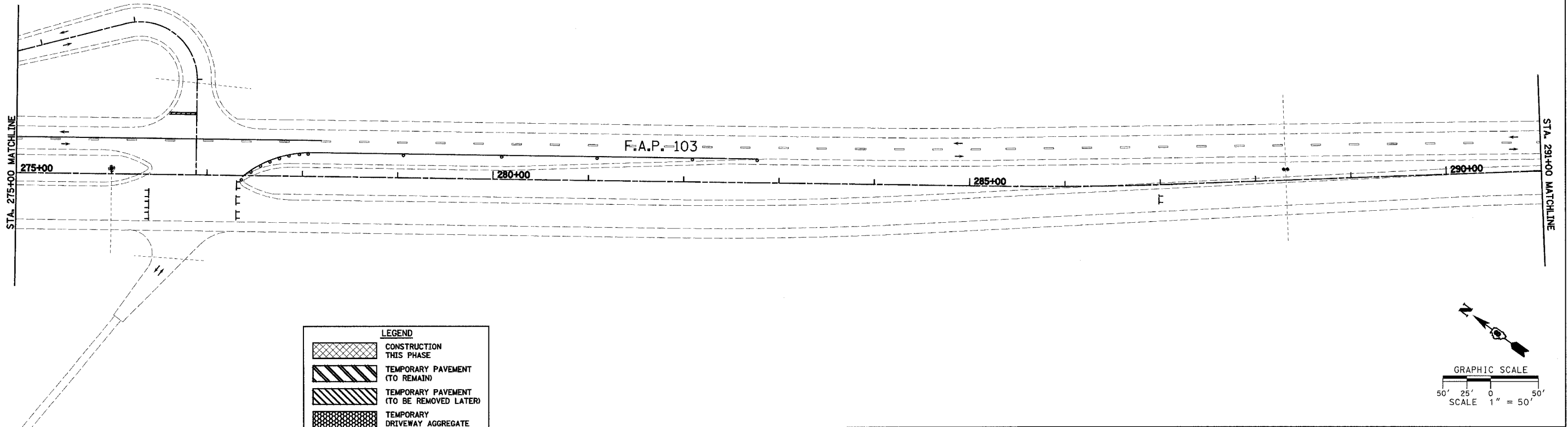
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 3**  
**SHEET 5 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE **February 11, 2005** DRAWN BY **CRO**  
 CHECKED BY **RCY**

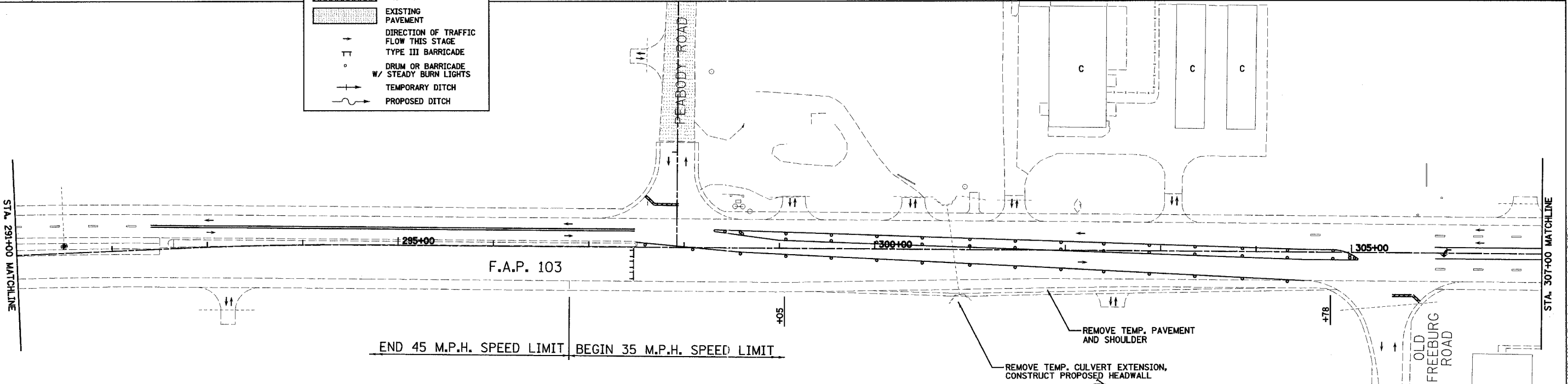
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	72
STA. 275+00.00		TO STA. 307+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
NO.	
FILE NAME	
NO.	



PLAN	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
NO.	
FILE NAME	
NO.	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 3**  
**SHEET 6 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

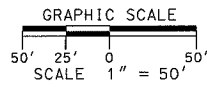
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	73
STA. 307+00.00		TO STA. 338+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
<b>CONTRACT NO. 76300</b>				

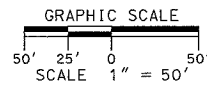
**LEGEND**

	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH

DATE	
BY	
PLAN	
NO.	
NO. OF WAY CHECKED	
CADD FILE NAME	



DATE	
BY	
PLAN	
NO.	
NO. OF WAY CHECKED	
CADD FILE NAME	



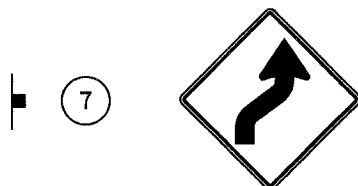
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CONSTRUCTION PLAN - STAGE 3**  
**SHEET 7 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE **February 11, 2005**  
 DRAWN BY **CRO**  
 CHECKED BY **RCY**

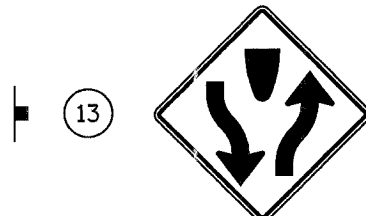
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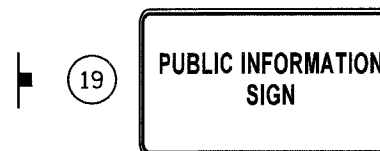
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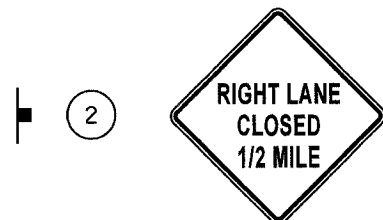
W1-4R(0)-48



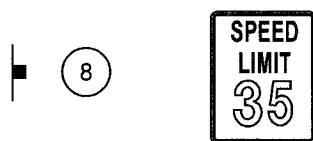
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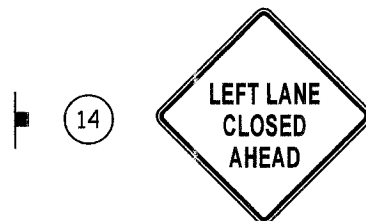
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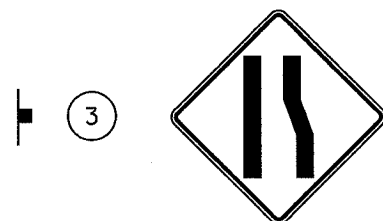
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R2-1-4860



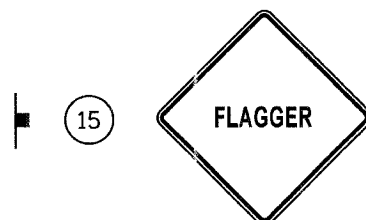
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W4-2R(0)-48



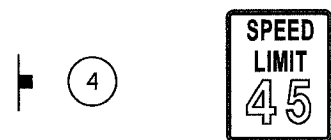
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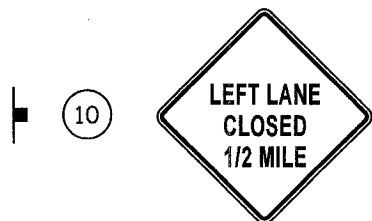
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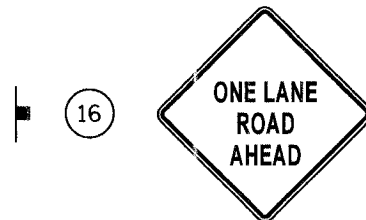
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R2-1-4860



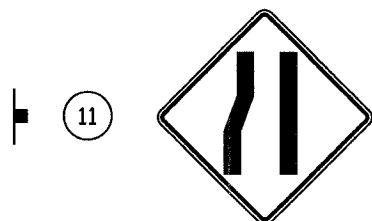
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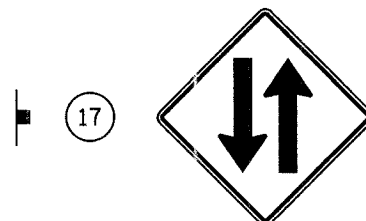
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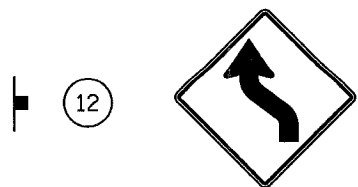
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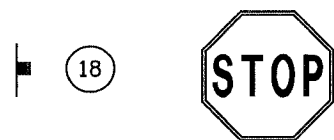
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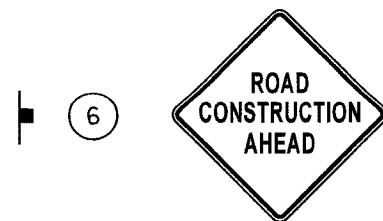
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W1-4L(0)-48



R1-1



W20-1(0)-48

**TRAFFIC CONTROL GENERAL NOTES**

TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED TO PROVIDE 12' WIDE TEMPORARY DRIVING LANES WHERE PRACTICABLE. MINIMUM TEMPORARY DRIVING LANE WIDTH IS 11'.

DOTTED PAVEMENT MARKINGS SHALL CONSIST OF 4' SKIP AND 2" DASH.

TEMPORARY PAVEMENT MARKINGS ARE NOT REQUIRED ON ACCESS ROADS EXCEPT AS NOTED ON THE PLANS. PERMANENT PAVEMENT MARKINGS SHALL BE APPLIED TO THE ACCESS ROADS AS SOON AS PRACTICABLE.

PUBLIC INFORMATION SIGN (19) SHALL CONSIST OF "PLEASE SLOW DOWN, MY MOMMY/DADDY WORKS HERE."

STAGES 1-3: TEMPORARY PAVEMENT MARKING LINE 4" (WHITE EDGE LINES) SHALL BE PROVIDED ALONG ALL OUTSIDE EDGES OF MAINLINE DRIVING LANES. IN LOCATIONS WHERE MAINLINE DRIVING LANES ARE SEPARATED BY A MEDIAN (RAISED OR DEPRESSED), TEMPORARY PAVEMENT MARKING LINE 4" (YELLOW EDGE LINES) SHALL ALSO BE PROVIDED ALONG THE INSIDE (MEDIAN) EDGE OF DRIVING LANE.

STAGE 2: ALL ACCESS ROAD PERMANENT SIGNAGE AS DELINEATED ON SHEETS 175 TO 180 SHALL BE INSTALLED PRIOR TO OPENING ACCESS ROADS TO TRAFFIC.

STAGE 4: TRAFFIC CONTROL AND PROTECTION, STANDARD 701421 SHALL BE USED DURING PLACEMENT OF THE FINAL LIFT OF BITUMINOUS SURFACE COURSE. SHORT-TERM PAVEMENT MARKINGS HAVE BEEN CALCULATED FOR TWO ITERATIONS OF APPLICATION. TWO ITERATIONS MAY NOT BE REQUIRED AT ALL LOCATIONS. APPLICATION OF SHORT-TERM PAVEMENT MARKINGS WILL DEPEND ON CONTRACTOR'S METHOD OF PAVING FINAL SURFACE COURSE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL  
 GENERAL NOTES AND SIGNS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.

SCALE: DATE **February 11, 2005** DRAWN BY **CRO** CHECKED BY **RCY**

PRE - STAGE 1 AND STAGE 1

TEMPORARY PAVEMENT MARKINGS											
STATION	TO STATION	ALIGNMENT	SIDE	TEMP PVMT MARKING LINE 4" WHITE FOOT	TEMP PVMT MARKING LINE 4" YELLOW FOOT	TEMP PVMT MARKING LINE 8" WHITE FOOT	TEMP PVMT MARKING LINE 12" WHITE FOOT	TEMP PVMT MARKING LINE 12" YELLOW FOOT	TEMP PVMT MARKING LINE 24" WHITE FOOT	TEMP PVMT MARKING L & S SQ FT	REMARKS
148+85	150+10	FAP 103	LT	190							2 WHITE LANE LINES (PRE-STAGE)
148+85		FAP 103	LT						50		STOP BARS (PRE-STAGE)
150+10	151+50	FAP 103	LT	35							WHITE DOTTED (PRE-STAGE)
148+85	161+00	FAP 103	LT		1215						YELLOW EDGE LINE (PRE-STAGE)
161+00	162+25	FAP 103	LT		250						DOUBLE YELLOW (PRE-STAGE)
147+90	149+10	FAP 103	RT				156				2 ISLANDS (PRE-STAGE)
138+40	148+20	FAP 103	RT	980							WHITE EDGE LINE(PRE-STAGE)
145+00	148+20	FAP 103	RT	320							WHITE LANE LINE (PRE-STAGE)
148+20		FAP 103	RT						24		STOP BARS (PRE-STAGE)
145+50	148+00	FAP 103	RT							54.4	4 LEFT TURN ARROWS (PRE-STAGE)
149+00	161+00	FAP 103	RT		1200						YELLOW EDGE LINE (PRE-STAGE)
148+85	158+50	FAP 103	RT			965					YELLOW EDGE LINE (STAGE 1)
158+50	161+00	FAP 103	CL		250						YELLOW CENTERLINE (STAGE 1)
149+00	161+00	FAP 103	RT	1200							WHITE EDGE LINE (STAGE 1)
161+00	162+25	FAP 103	CL		31						YELLOW SKIP-DASH (STAGE 1)
TOTALS (RURAL)				2725	3911		156		74	54.4	

PRE - STAGE 1 AND STAGE 1

PAVEMENT MARKING REMOVAL						
STATION	TO STATION	ALIGNMENT	SIDE	PAVEMENT MARKING REMOVAL SQ FT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT	REMARKS
150+10	151+50	F.A.P. 103	LT.	47		WHITE LANE LINE (PRE-STAGE 1)
149+50	151+50	F.A.P. 103	LT.	17		WHITE SKIP-DASH (PRE-STAGE 1)
148+20		F.A.P. 103	RT.	24		PART STOP BAR (PRE-STAGE 1)
138+40	148+20	F.A.P. 103	RT.	82		WHITE SKIP-DASH (PRE-STAGE 1)
148+85	150+00	F.A.P. 103	RT.	10		WHITE SKIP-DASH (PRE-STAGE 1)
158+50	161+00	F.A.P. 103	CL	83		YELLOW EDGE LINE (PRE-STAGE 1)
158+50	161+00	F.A.P. 103	CL		83	YELLOW EDGE LINE (STAGE 1)
161+00	162+25	F.A.P. 103	CL		84	DOUBLE YELLOW (STAGE 1)
148+85	153+00	F.A.P. 103	CL	138		YELLOW EDGE LINE (STAGE 1)
TOTALS (RURAL)				401	167	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL - STAGE 1 SCHEDULE F.A.P. 103 (IL. RTE. 13/15) SECTION 27-1R - ST. CLAIR CO.
NAME	DATE	
SCALE:		DRAWN BY CRO
DATE February 11, 2005		CHECKED BY RCY

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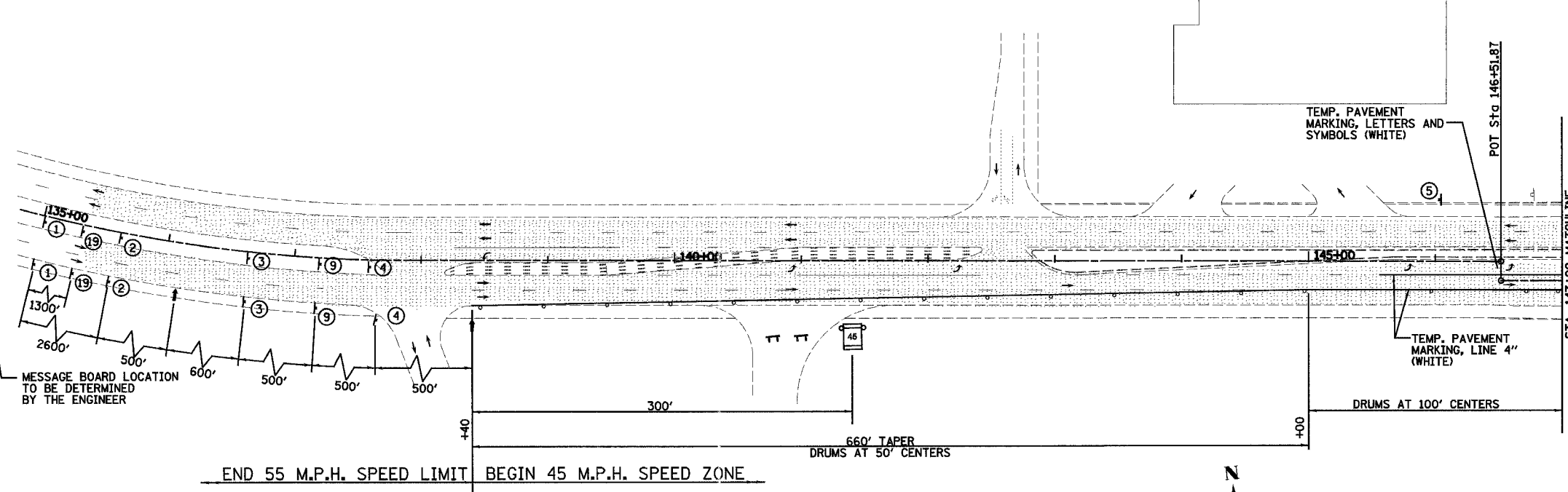


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	76
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

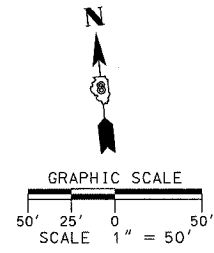
DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 PLAN: SUBMITTED \_\_\_\_\_ PLOTTED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_ FILE NAME \_\_\_\_\_  
 NO. \_\_\_\_\_ CAD FILE NAME \_\_\_\_\_

**LEGEND**

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD

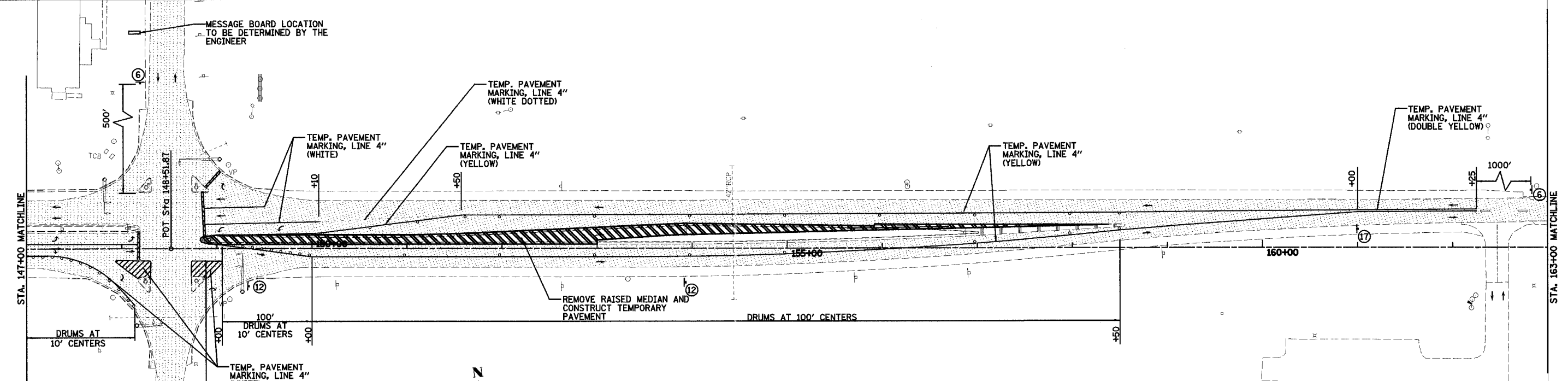


**PRE - STAGE 1 AND STAGE 1**

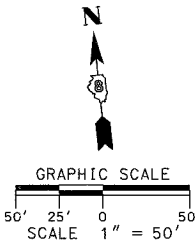


- NOTE:**
1. CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  2. DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 PLAN: SUBMITTED \_\_\_\_\_ PLOTTED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_ FILE NAME \_\_\_\_\_  
 NO. \_\_\_\_\_ CAD FILE NAME \_\_\_\_\_



**PRE - STAGE 1**



REVISIONS	NAME	DATE

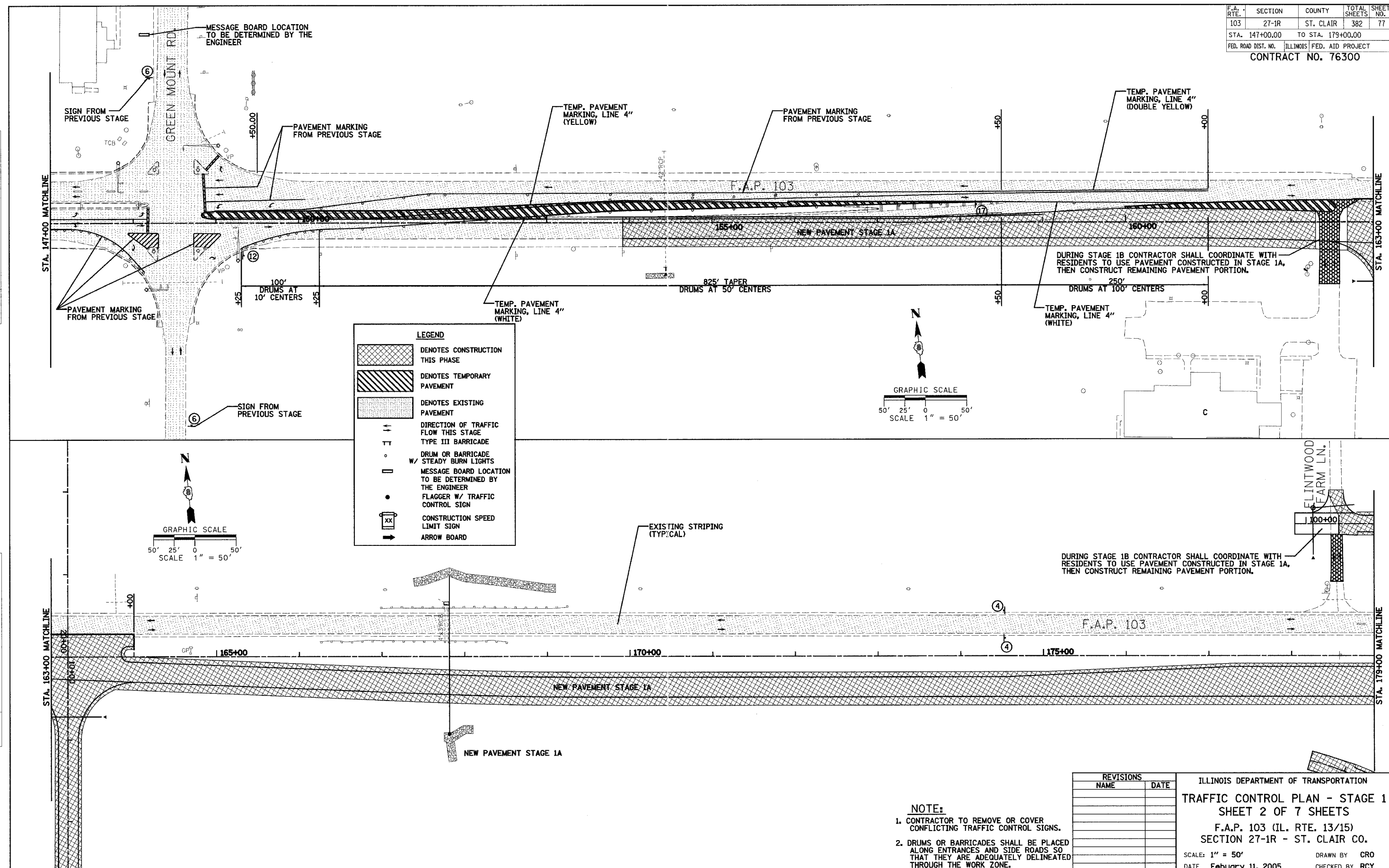
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**TRAFFIC CONTROL PLAN - STAGE 1**  
**SHEET 1 OF 7 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50' DRAWN BY: CRO  
 DATE: February 11, 2005 CHECKED BY: RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	77
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

DATE	BY	REVISIONS
		1. CORRECTED
		2. ALIGNED
		3. CHECKED
		4. NO. OF WAY CHECKED
		5. PLOT FILE NAME

DATE	BY	REVISIONS
		1. CORRECTED
		2. ALIGNED
		3. CHECKED
		4. NO. OF WAY CHECKED
		5. PLOT FILE NAME



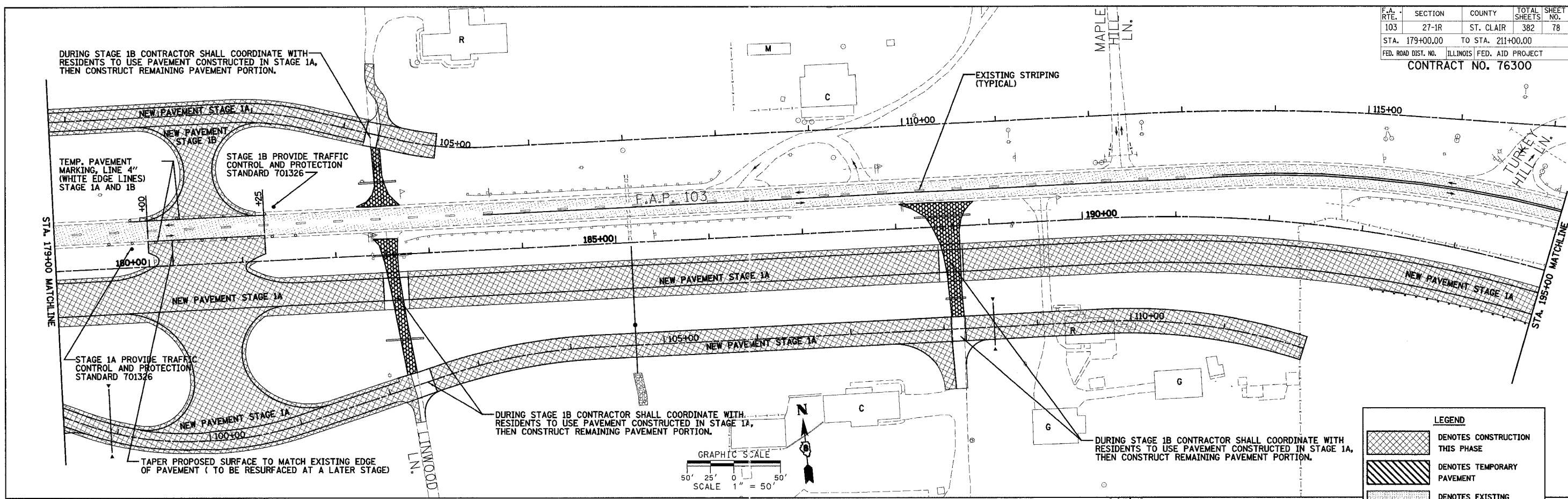
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 1**  
**SHEET 2 OF 7 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	78
STA. 179+00.00		TO STA. 211+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 76300				

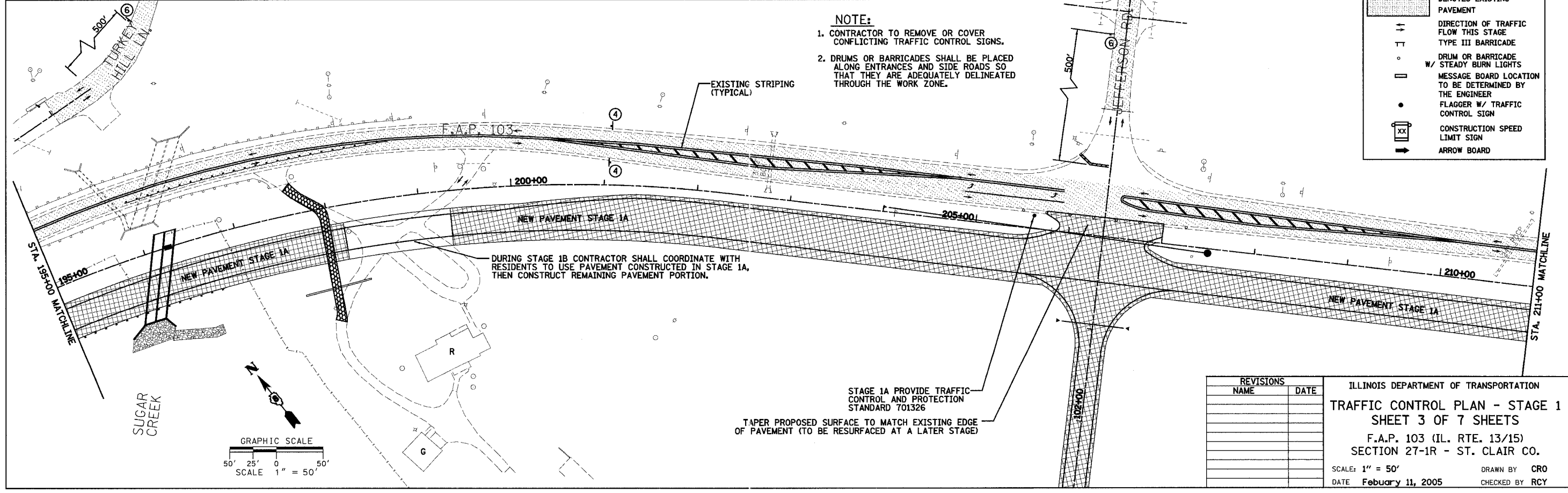
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



LEGEND	
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD

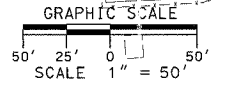
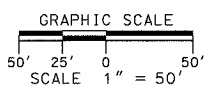
- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 1**  
**SHEET 3 OF 7 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

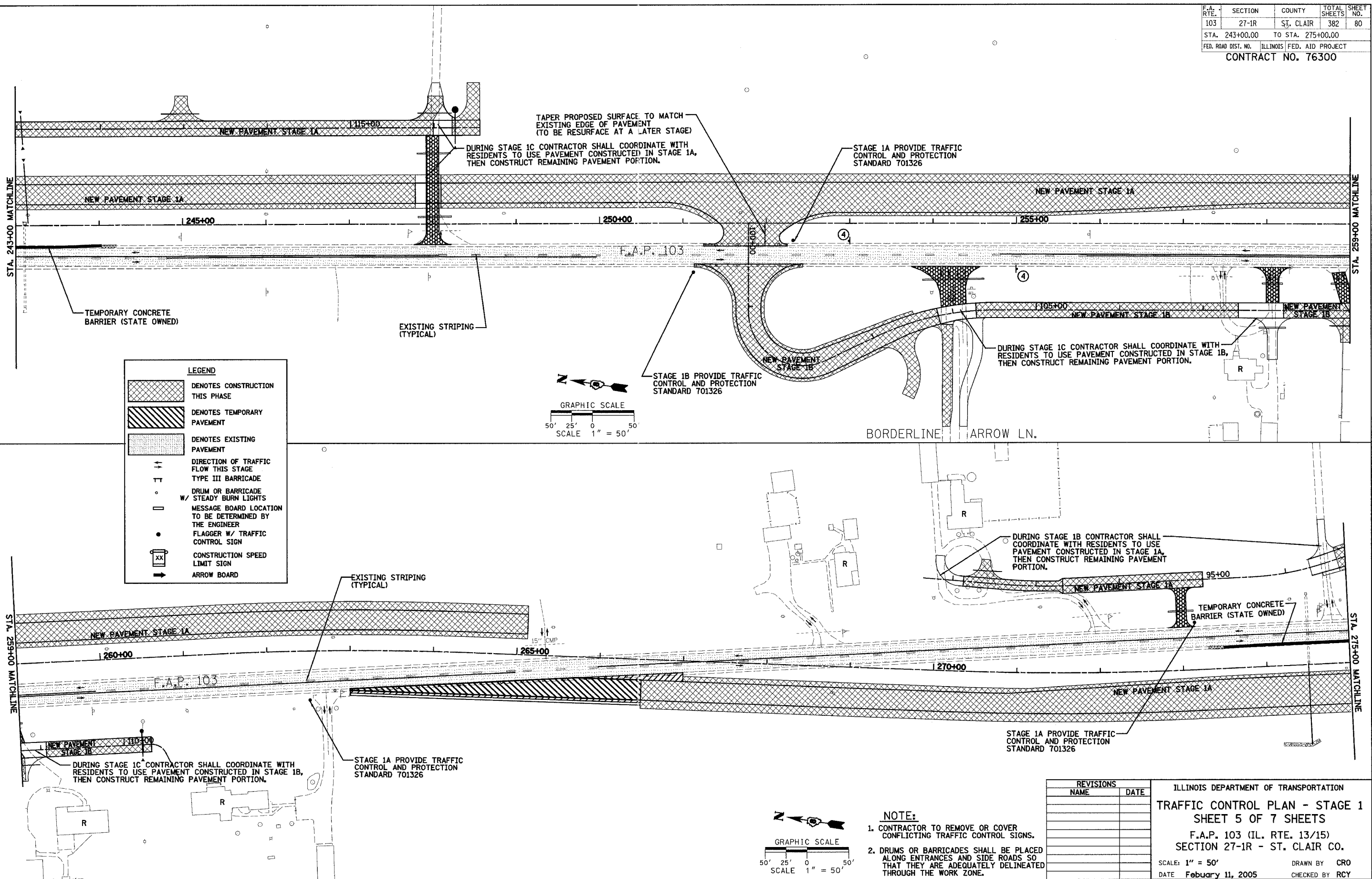




F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	80
STA. 243+00.00 TO STA. 275+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	BY
DATE	BY

DATE	BY
DATE	BY



REVISIONS	
NAME	DATE

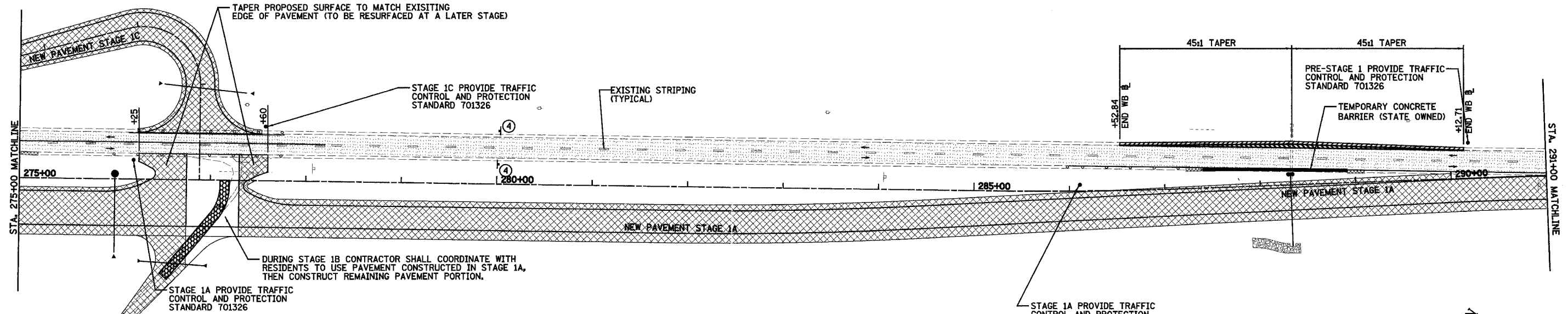
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 1**  
 SHEET 5 OF 7 SHEETS  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	81
STA. 275+00.00 TO STA. 307+00.00		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	BY
DATE	BY
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DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



**LEGEND**

[Cross-hatch symbol] DENOTES CONSTRUCTION THIS PHASE

[Diagonal lines symbol] DENOTES TEMPORARY PAVEMENT

[Dotted symbol] DENOTES EXISTING PAVEMENT

[Double line with arrows] DIRECTION OF TRAFFIC FLOW THIS STAGE

[T-bar symbol] TYPE III BARRICADE

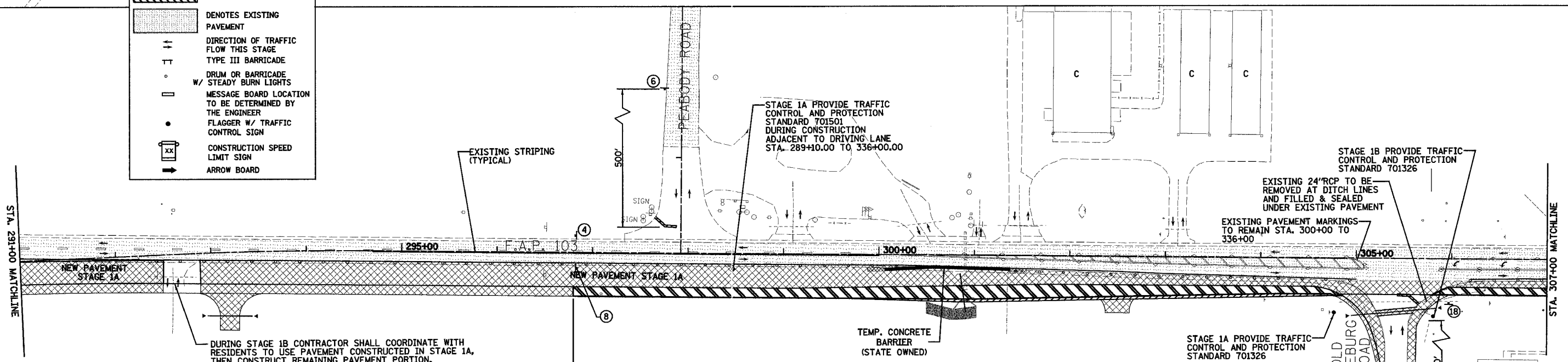
[Circle with dot symbol] DRUM OR BARRICADE W/ STEADY BURN LIGHTS

[Rectangle symbol] MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER

[Circle with dot and line symbol] FLAGGER W/ TRAFFIC CONTROL SIGN

[Square with X symbol] CONSTRUCTION SPEED LIMIT SIGN

[Arrow symbol] ARROW BOARD



GRAPHIC SCALE

50' 25' 0' 50'

SCALE 1" = 50'

END 45 M.P.H. SPEED LIMIT    BEGIN 35 M.P.H. SPEED LIMIT

GRAPHIC SCALE

50' 25' 0' 50'

SCALE 1" = 50'

- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN - STAGE 1

SHEET 6 OF 7 SHEETS

F.A.P. 103 (IL. RTE. 13/15)

SECTION 27-1R - ST. CLAIR CO.

SCALE: 1" = 50'

DATE February 11, 2005

DRAWN BY CRO

CHECKED BY RCY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	82
STA. 307+00.00		TO STA. 338+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
<b>CONTRACT NO. 76300</b>				

**NOTE:**

- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
- DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

STAGE 1A PROVIDE TRAFFIC CONTROL AND PROTECTION STANDARD 701501 DURING CONSTRUCTION ADJACENT TO DRIVING LANE STA. 289+10.00 TO 336+00.00

DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

STAGE 1A PROVIDE TRAFFIC CONTROL AND PROTECTION STANDARD 701501 DURING CONSTRUCTION ADJACENT TO DRIVING LANE STA. 289+10.00 TO 336+00.00

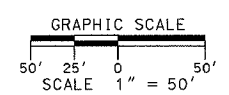
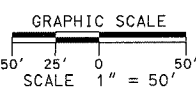
DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

STAGE 1A: IN ONE WORKING DAY, CONSTRUCT RIGHT PORTION OF NEW CULVERT FROM 4' RIGHT OF C UNDER FLAGMAN CONTROL FOLLOWING TRAFFIC CONTROL AND PROTECTION STANDARD 701501. STAGE 1B MUST BEGIN WITHIN 5 CALENDAR DAYS FROM COMPLETION OF STAGE 1A.  
STAGE 1B: IN ONE WORKING DAY, CONSTRUCT LEFT PORTION OF NEW CULVERT UNDER FLAGMAN CONTROL FOLLOWING TRAFFIC CONTROL AND PROTECTION STANDARD 701501.

**LEGEND**

- DENOTES CONSTRUCTION THIS PHASE
- DENOTES TEMPORARY PAVEMENT
- DENOTES EXISTING PAVEMENT
- DIRECTION OF TRAFFIC FLOW THIS STAGE
- TYPE III BARRICADE
- DRUM OR BARRICADE W/ STEADY BURN LIGHTS
- MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
- FLAGGER W/ TRAFFIC CONTROL SIGN
- CONSTRUCTION SPEED LIMIT SIGN
- ARROW BOARD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 1**  
**SHEET 7 OF 7 SHEETS**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

PLAN  
 SUBMITTED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 PLOTTED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 R.L. OF WAY CHECKED BY: \_\_\_\_\_  
 CAD FILE NAME: \_\_\_\_\_

PLAN  
 SUBMITTED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 PLOTTED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 R.L. OF WAY CHECKED BY: \_\_\_\_\_  
 CAD FILE NAME: \_\_\_\_\_

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STAGE 2

TEMPORARY PAVEMENT MARKINGS								REMARKS
STATION	TO STATION	ALIGNMENT	SIDE	TEMP PVMT MARKING LINE 4" WHITE FOOT	TEMP PVMT MARKING LINE 4" YELLOW FOOT	TEMP PVMT MARKING LINE 24" WHITE FOOT	TEMP PVMT MARKING L & S SQ FT	
161+25	165+50	FAP 103	CL		850			
165+50	191+50	FAP 103	CL		650			YELLOW SKIP-DASH
183+60	191+50	FAP 103	CL		790			YELLOW CENTERLINE
191+50	205+75	FAP 103	CL		2850			DOUBLE YELLOW
207+00	230+00	FAP 103	CL		2300			DOUBLE YELLOW
262+00	265+00	FAP 103	CL		300			YELLOW CENTERLINE
262+00	292+57	FAP 103	CL		764			YELLOW SKIP-DASH
266+25	278+25	FAP 103	CL		1200			YELLOW CENTERLINE
151+10		FAP 103	LT				13.6	1 LEFT TURN ARROW
156+00	180+10	FAP 103	LT	2410				WHITE EDGE LINE
181+25	206+00	FAP 103	LT	2475				WHITE EDGE LINE
207+20	226+00	FAP 103	LT	1880				WHITE EDGE LINE
262+00	276+25	FAP 103	LT	1425				WHITE EDGE LINE
291+00	292+57	FAP 103	LT	157				WHITE EDGE LINE
150+25	151+10	FAP 103	LT	85				WHITE LANE LINE
148+85	156+00	FAP 103	LT	179				WHITE SKIP-DASH
150+00	161+25	FAP 103	LT		1125			YELLOW EDGE LINE
181+00		AR	RT			39		STOP BAR
206+50		AR	RT			29		STOP BAR
217+00		AR	RT			30		STOP BAR
252+00		AR	RT			33		STOP BAR
148+85	179+75	FAP 103	RT	3090				WHITE EDGE LINE
181+25	205+75	FAP 103	RT	2450				WHITE EDGE LINE
207+00	226+00	FAP 103	RT	1900				WHITE EDGE LINE
262+00	292+57	FAP 103	RT	3057				WHITE EDGE LINE
148+85	161+25	FAP 103	RT		1240			YELLOW EDGE LINE
TOTALS (RURAL)				19108	12069	131	13.6	
292+57	294+68	FAP 103	CL		53			YELLOW SKIP-DASH
294+68	304+50	FAP 103	CL		1964			DOUBLE YELLOW
304+50	336+00	FAP 103	CL		788			YELLOW SKIP-DASH
313+80	319+00	FAP 103	CL		520			YELLOW CENTERLINE
292+57	297+50	FAP 103	LT	493				WHITE EDGE LINE
298+50	336+00	FAP 103	LT	3750				WHITE EDGE LINE
292+57	304+75	FAP 103	RT	1218				WHITE EDGE LINE
306+00	336+00	FAP 103	RT	3000				WHITE EDGE LINE
TOTALS (URBAN)				8461	3272			

STAGE 2

PAVEMENT MARKING REMOVAL						
STATION	TO STATION	ALIGNMENT	SIDE	PAVEMENT MARKING REMOVAL SQ FT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT	REMARKS
149+00	153+00	FAP 103	RT		133	WHITE EDGE LINE
148+85	149+50	FAP 103	LT		22	WHITE LANE LINE
150+00	158+50	FAP 103	LT		283	YELLOW EDGE LINE
150+25	151+20	FAP 103	LT		24	DOTTED LINE
158+50	160+00	FAP 103	LT		100	DOUBLE YELLOW
154+00	158+50	FAP 103	LT		150	YELLOW EDGE LINE
158+50	161+00	FAP 103	LT		83	WHITE EDGE LINE
222+00	226+00	FAP 103	RT	133		WHITE EDGE LINE
222+50	226+00	FAP 103	CL	233		DOUBLE YELLOW
231+50	233+00	FAP 103	LT	50		WHITE EDGE LINE
251+25	252+25	FAP 103	RT	33		WHITE EDGE LINE
262+00	265+00	FAP 103	CL	100		YELLOW CENTERLINE
262+00	265+00	FAP 103	CL	25		YELLOW SKIP-DASH
262+00	266+00	FAP 103	RT	133		WHITE EDGE LINE
276+25	277+50	FAP 103	LT	42		WHITE EDGE LINE
276+30	277+40	FAP 103	LT	37		WHITE EDGE LINE
TOTALS (RURAL)				786	795	
297+50	298+40	FAP 103	CL	30		YELLOW CENTERLINE
297+50	298+50	FAP 103	RT	33		WHITE EDGE LINE
297+50	298+40	FAP 103	CL	8		YELLOW SKIP-DASH
302+00	336+00	FAP 103	RT	1133		WHITE EDGE LINE
306+00	307+00	FAP 103	CL	67		DOUBLE YELLOW
307+00	314+00	FAP 103	CL	933		2 DOUBLE YELLOW LINES
307+00	314+00	FAP 103	CL	380		DIAGONAL LINES
314+00	336+00	FAP 103	CL	183		YELLOW SKIP-DASH
TOTALS (URBAN)				2767	0	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL - STAGE 2 SCHEDULE**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: NONE DRAWN BY CRO  
 DATE February 11, 2005 CHECKED BY RCY













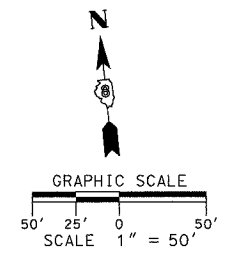
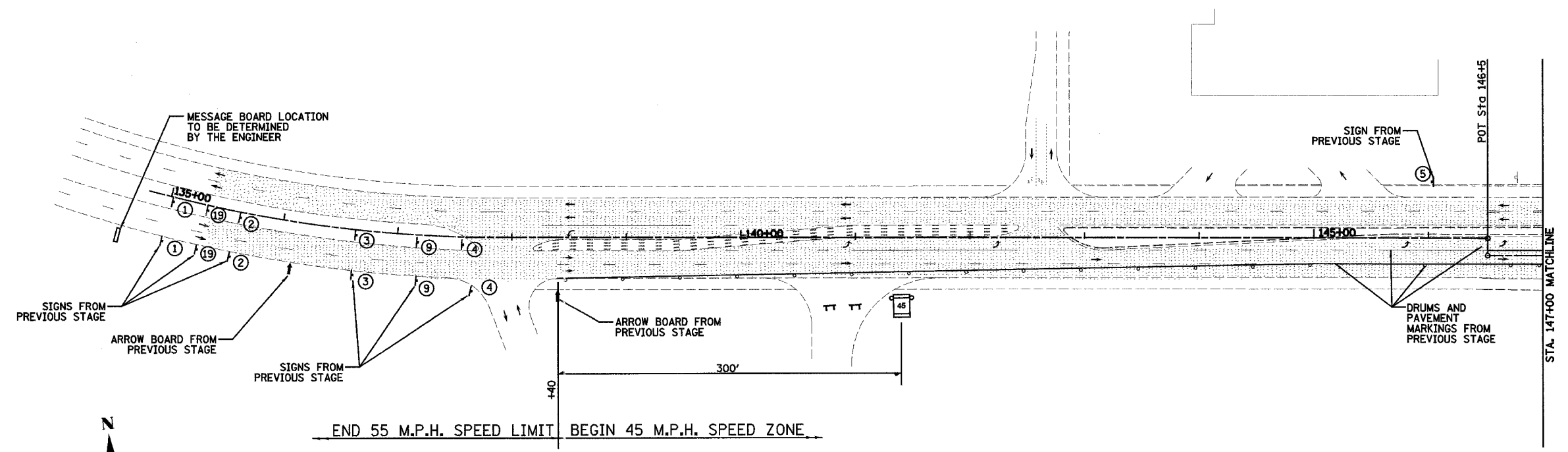
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	84
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	DATE
NO.	
BY	
DATE	
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DATE	
NO.	

PLAN	DATE
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	
BY	
DATE	
NO.	

**LEGEND**

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



- NOTE:**
1. CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  2. DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

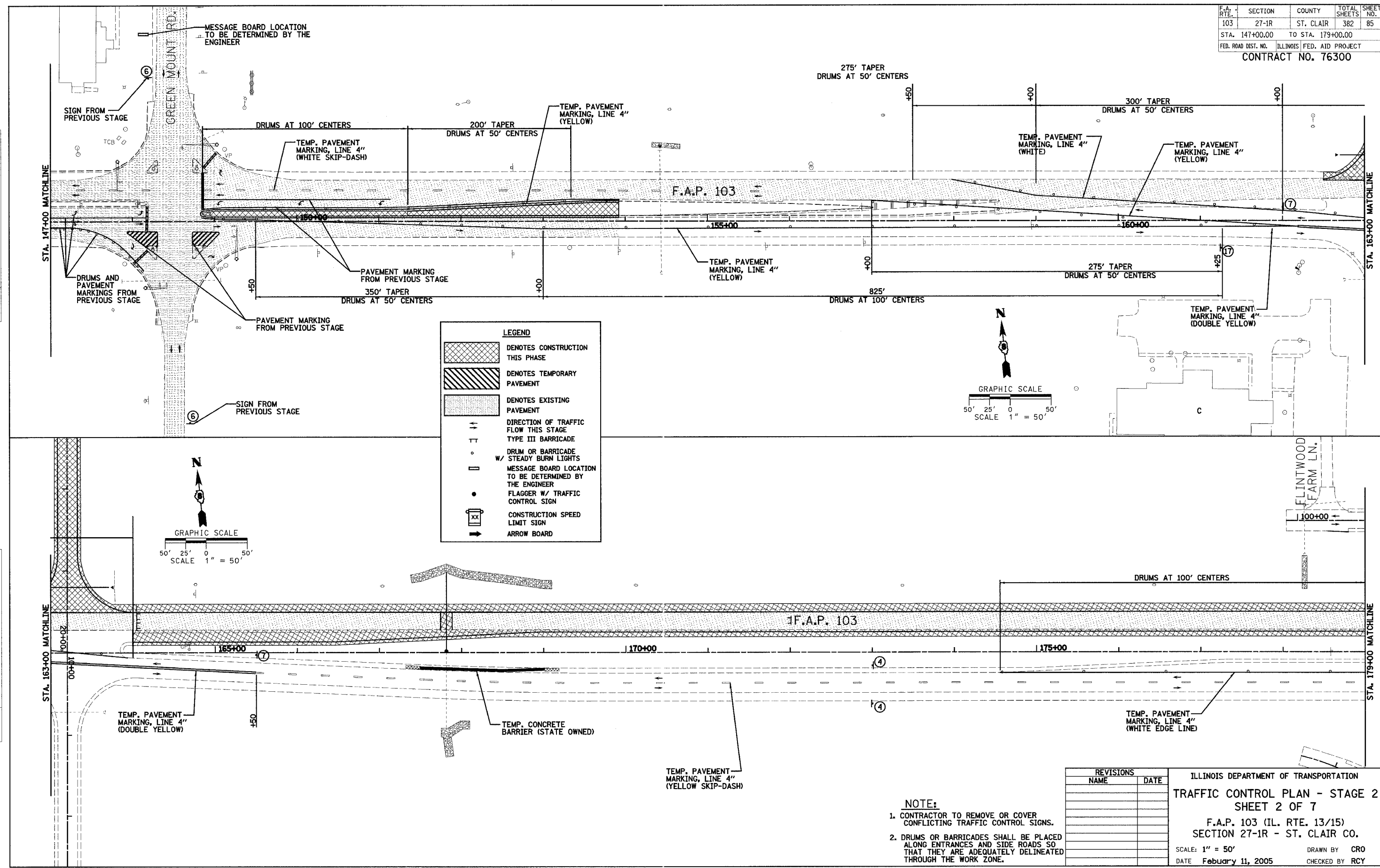
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL PLAN - STAGE 2 SHEET 1 OF 7 F.A.P. 103 (IL. RTE. 13/15) SECTION 27-1R - ST. CLAIR CO. SCALE: 1" = 50' DATE February 11, 2005	DRAWN BY CRO CHECKED BY RCY
NAME	DATE		

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	85
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

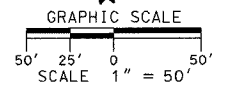
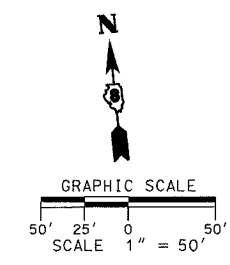
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



**LEGEND**

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



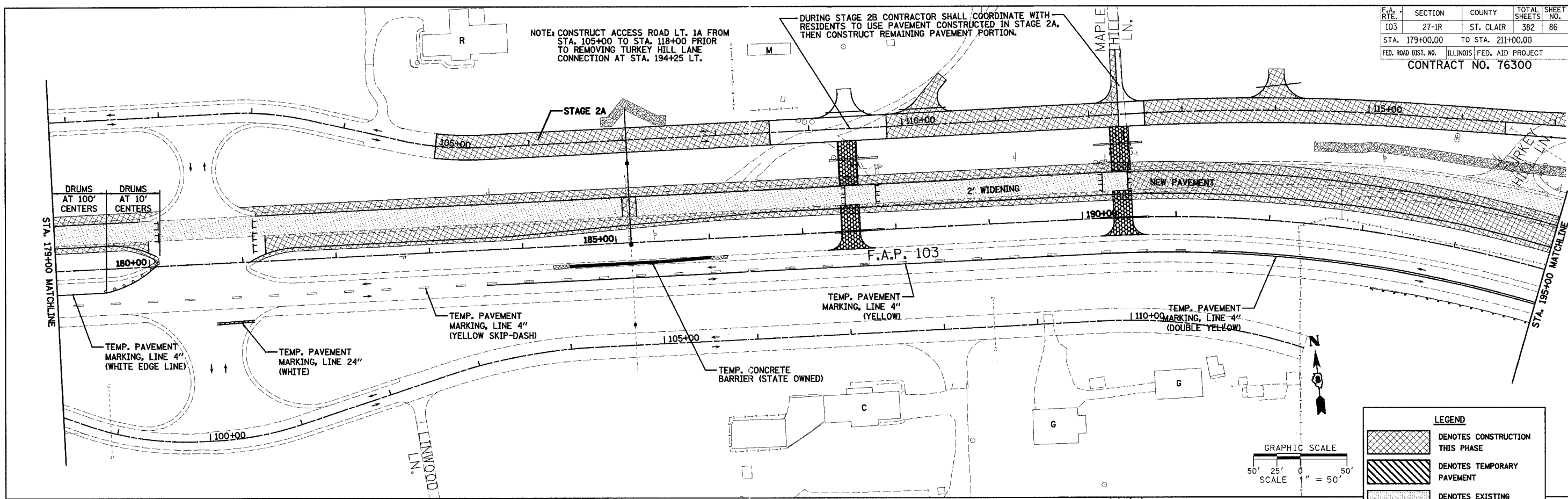
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 2**  
**SHEET 2 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

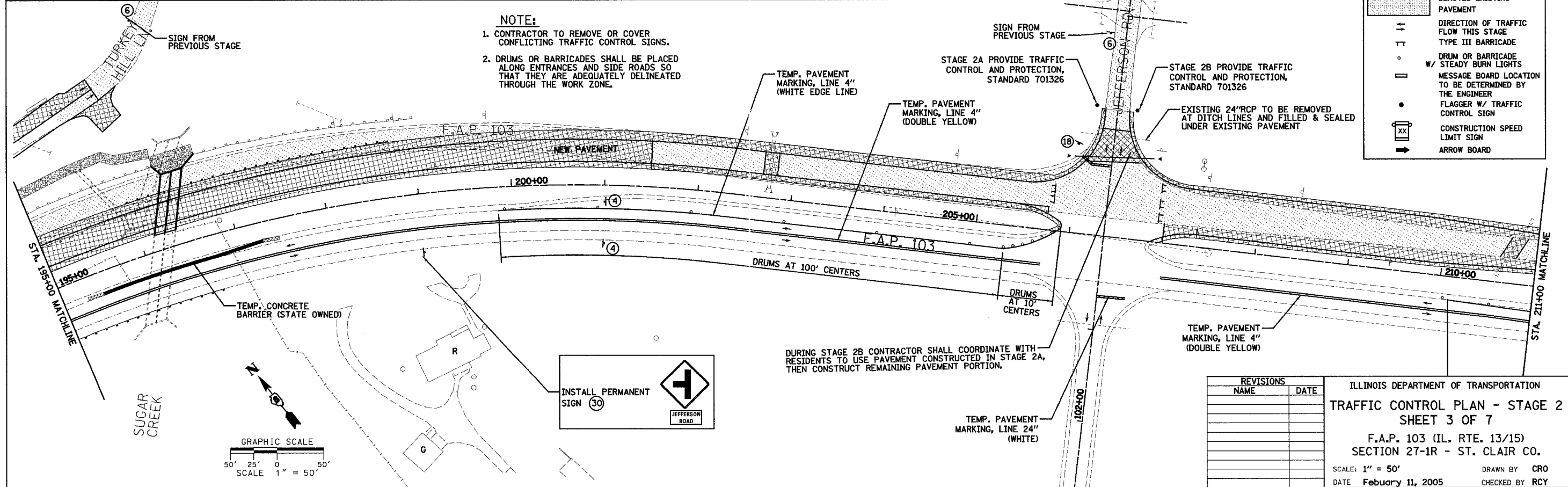
- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	86
STA. 179+00.00		TO STA. 211+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



DATE	BY

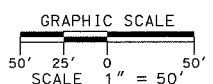
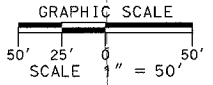


**NOTE:**

- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
- DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

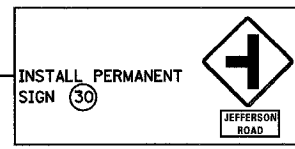
**LEGEND**

- DENOTES CONSTRUCTION THIS PHASE
- DENOTES TEMPORARY PAVEMENT
- DENOTES EXISTING PAVEMENT
- DIRECTION OF TRAFFIC FLOW THIS STAGE
- TYPE III BARRICADE
- DRUM OR BARRICADE W/ STEADY BURN LIGHTS
- MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
- FLAGGER W/ TRAFFIC CONTROL SIGN
- CONSTRUCTION SPEED LIMIT SIGN
- ARROW BOARD



REVISIONS	NAME	DATE

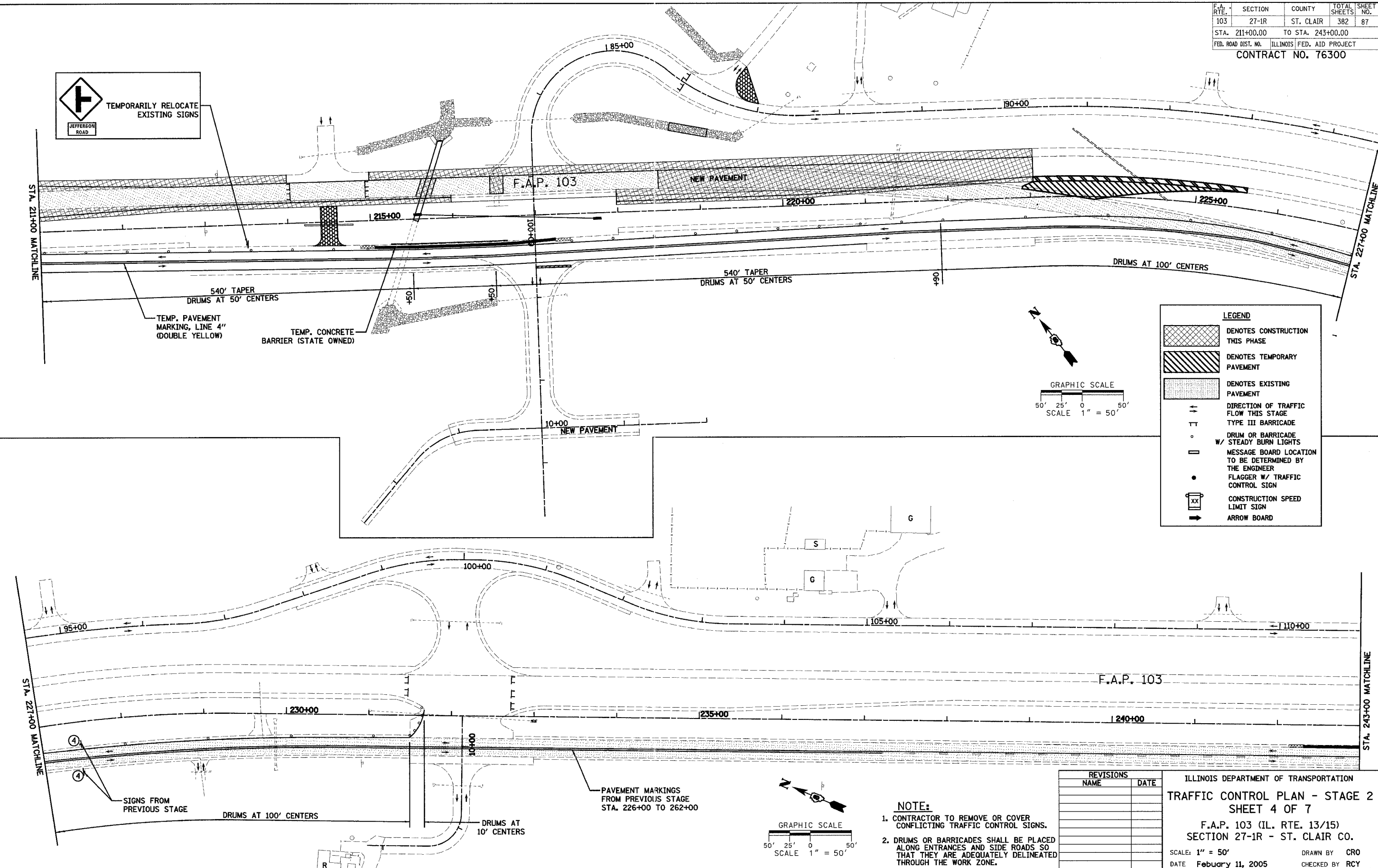
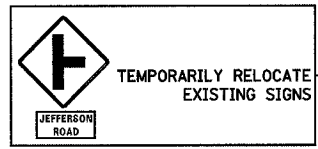
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 2**  
**SHEET 3 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	87
STA. 211+00.00		TO STA. 243+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76300	

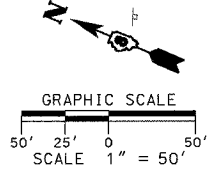
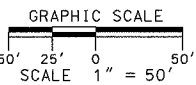
DATE	BY

DATE	BY



**LEGEND**

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



**NOTE:**

- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
- DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

REVISIONS	NAME	DATE

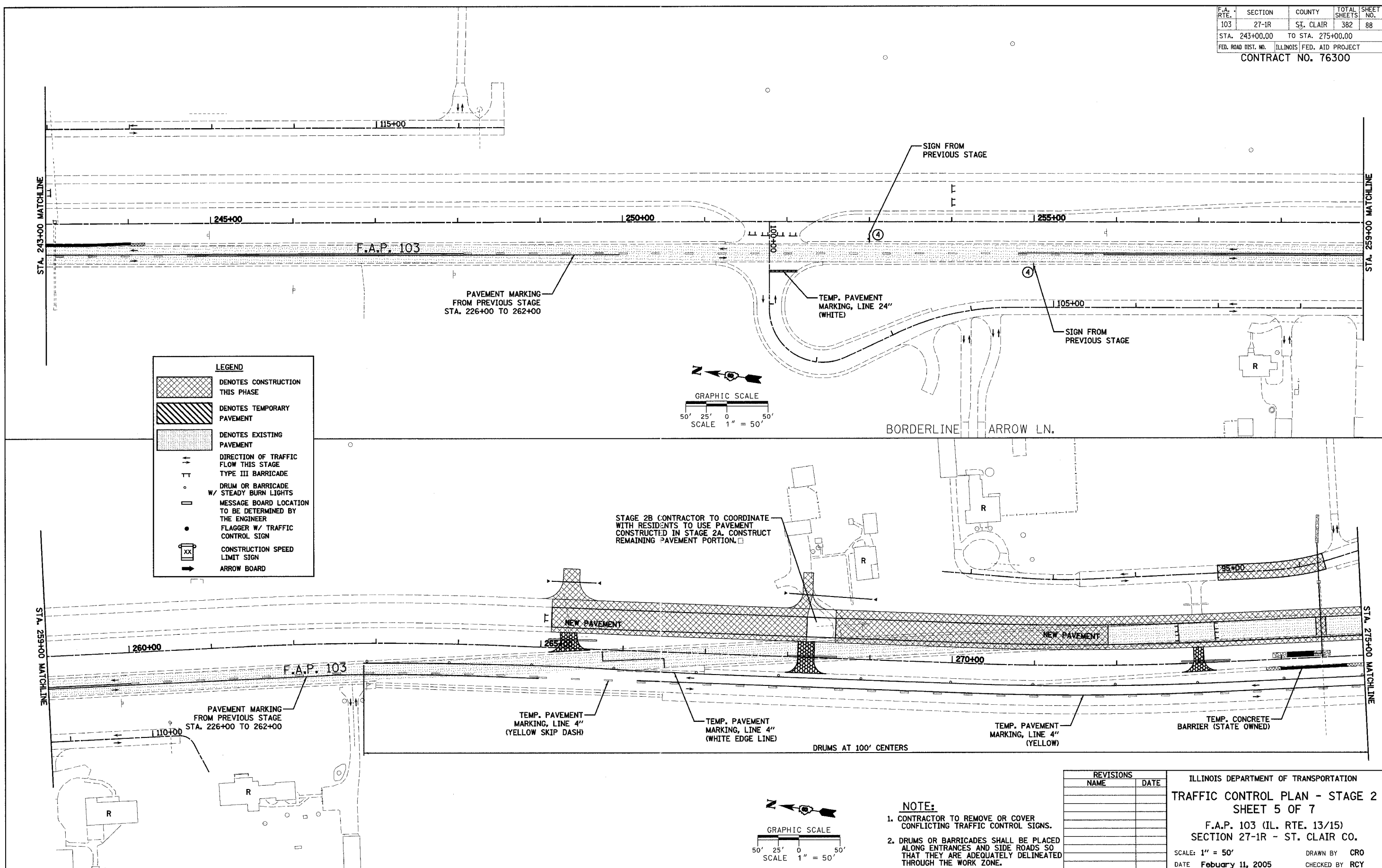
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 2**  
 SHEET 4 OF 7  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50' DRAWN BY CRO  
 DATE February 11, 2005 CHECKED BY RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	St. CLAIR	382	88
STA. 243+00.00		TO STA. 275+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

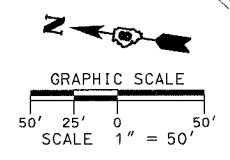
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SUBMITTED	BY
PLOTTED	
NOTED	
RT. OF WAY CHECKED	
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SUBMITTED	BY
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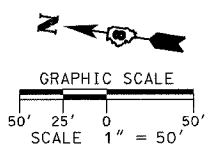


**LEGEND**

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



STAGE 2B CONTRACTOR TO COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 2A. CONSTRUCT REMAINING PAVEMENT PORTION.



- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

REVISIONS	
NAME	DATE

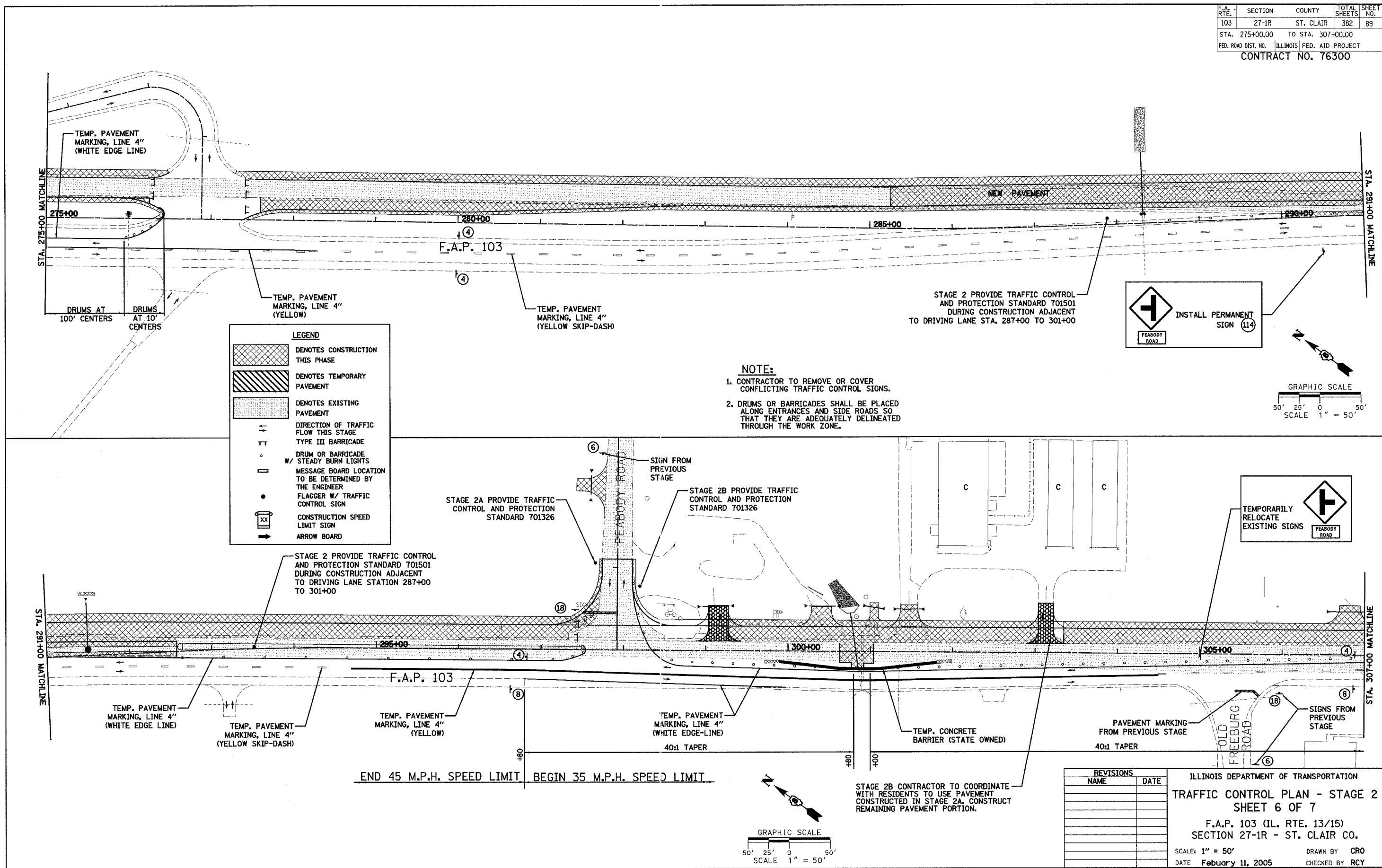
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 2**  
**SHEET 5 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	89
STA. 275+00.00		TO STA. 307+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

DATE	
BY	
DESIGNED	
PLOTTED	
NOTED	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
CAD FILE NAME	

DATE	
BY	
DESIGNED	
PLOTTED	
NOTED	
NO. OF SHEETS	
NO. OF SHEETS CHECKED	
CAD FILE NAME	



**LEGEND**

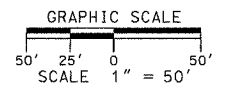
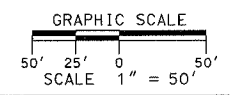
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD

**NOTE:**

- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
- DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 2**  
**SHEET 6 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE **February 11, 2005**  
 DRAWN BY **CRO**  
 CHECKED BY **RCY**



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	90
STA. 307+00.00		TO STA. 338+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

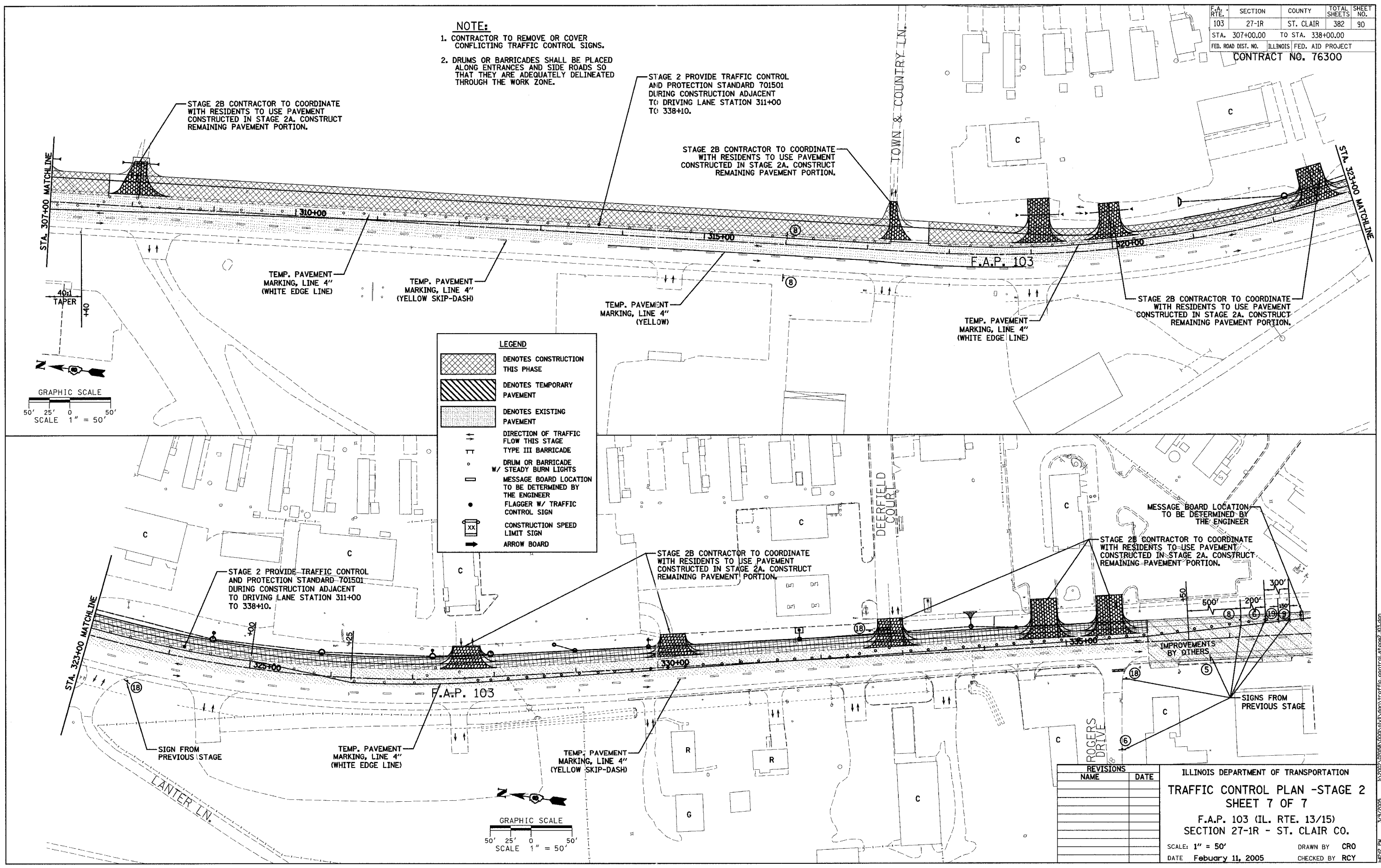
**NOTE:**  
 1. CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.  
 2. DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

STAGE 2 PROVIDE TRAFFIC CONTROL AND PROTECTION STANDARD 701501 DURING CONSTRUCTION ADJACENT TO DRIVING LANE STATION 311+00 TO 338+10.

STAGE 2B CONTRACTOR TO COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 2A. CONSTRUCT REMAINING PAVEMENT PORTION.

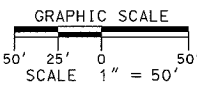
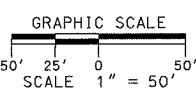
STAGE 2B CONTRACTOR TO COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 2A. CONSTRUCT REMAINING PAVEMENT PORTION.

STAGE 2B CONTRACTOR TO COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 2A. CONSTRUCT REMAINING PAVEMENT PORTION.



**LEGEND**

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



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REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 2**  
**SHEET 7 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

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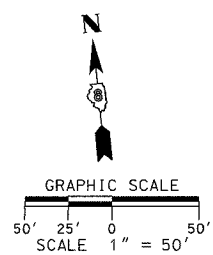
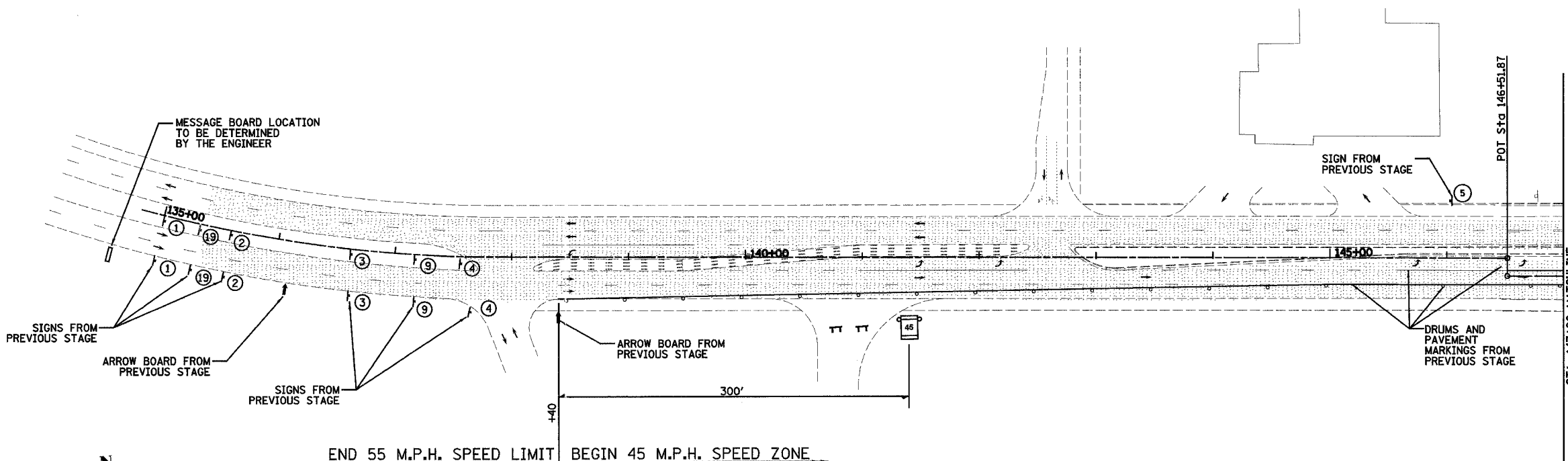


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	92
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	
BY	
PLAN	REVISIONS
NO.	NO.

DATE	
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PLAN	REVISIONS
NO.	NO.

LEGEND	
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE
	STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



**NOTE:**

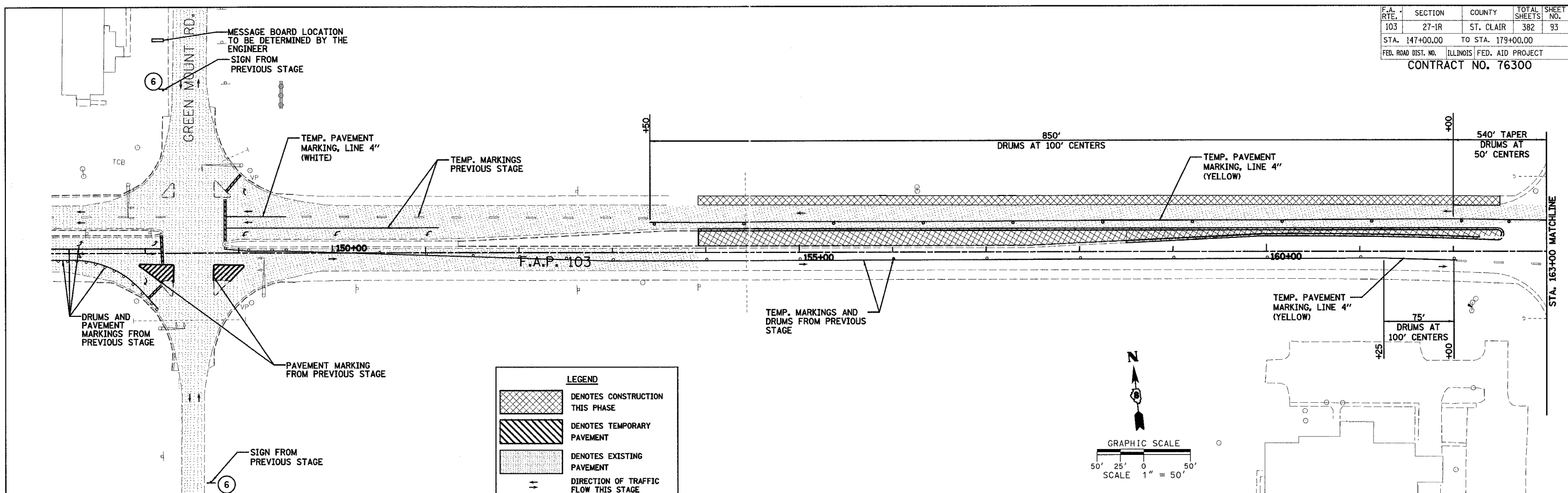
1. CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
2. DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL PLAN - STAGE 3 SHEET 1 OF 7 F.A.P. 103 (IL. RTE. 13/15) SECTION 27-1R - ST. CLAIR CO.	
NAME	DATE		
		SCALE: 1" = 50' DATE February 11, 2005	
			DRAWN BY CRO CHECKED BY RCY

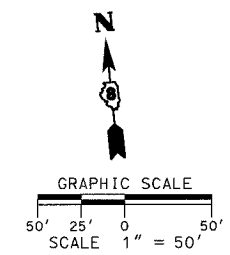
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	93
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76300	

PLAN	SURVEYED	DATE
	PLOTTED	
	PRINTED	
	BY	
	NOTE BOOK NO.	
	FILE NAME	

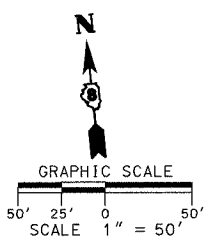
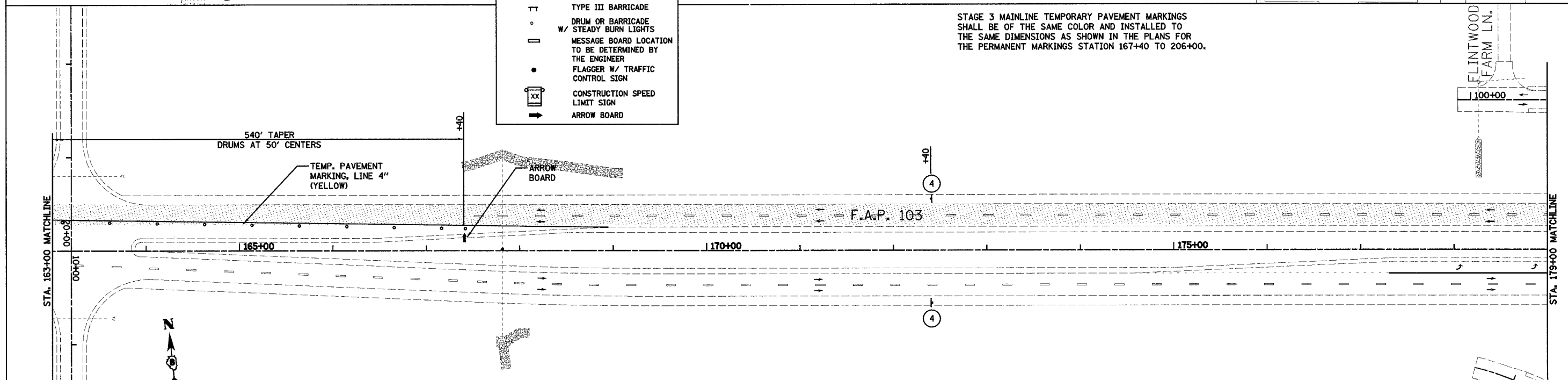


LEGEND	
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



STAGE 3 MAINLINE TEMPORARY PAVEMENT MARKINGS SHALL BE OF THE SAME COLOR AND INSTALLED TO THE SAME DIMENSIONS AS SHOWN IN THE PLANS FOR THE PERMANENT MARKINGS STATION 167+40 TO 206+00.

PLAN	SURVEYED	DATE
	PLOTTED	
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	NOTE BOOK NO.	
	FILE NAME	



- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

STAGE 3 - PERMANENT SIGNAGE AS DELINEATED ON SHEETS 193 - 198, BETWEEN STATIONS 174+00 AND 214+00 SHALL BE INSTALLED PRIOR TO OPENING TO TRAFFIC. SPEED LIMIT SIGNS SHALL BE COVERED.

REVISIONS	DATE
NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 3**  
**SHEET 2 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

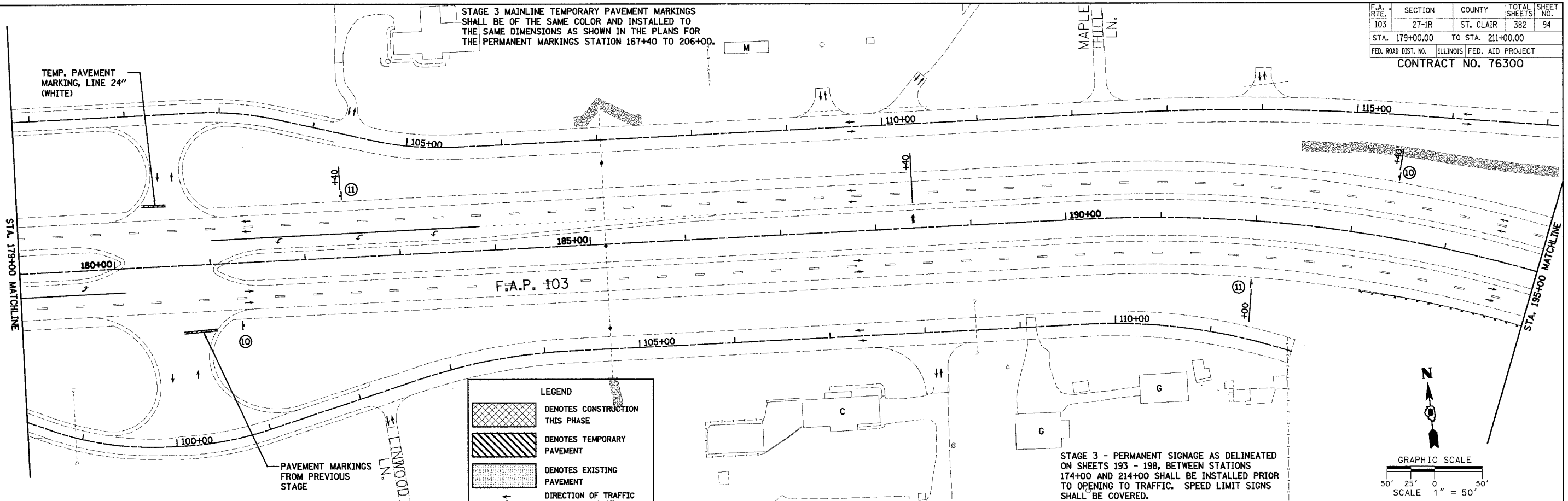
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	94
STA. 179+00.00 TO STA. 211+00.00		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	
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PLAN	
SUBMITTED	
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NOTE BOOK	
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CAD FILE NAME	

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SUBMITTED	
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NOTE BOOK	
NO. 1	
CAD FILE NAME	

STAGE 3 MAINLINE TEMPORARY PAVEMENT MARKINGS SHALL BE OF THE SAME COLOR AND INSTALLED TO THE SAME DIMENSIONS AS SHOWN IN THE PLANS FOR THE PERMANENT MARKINGS STATION 167+40 TO 206+00.

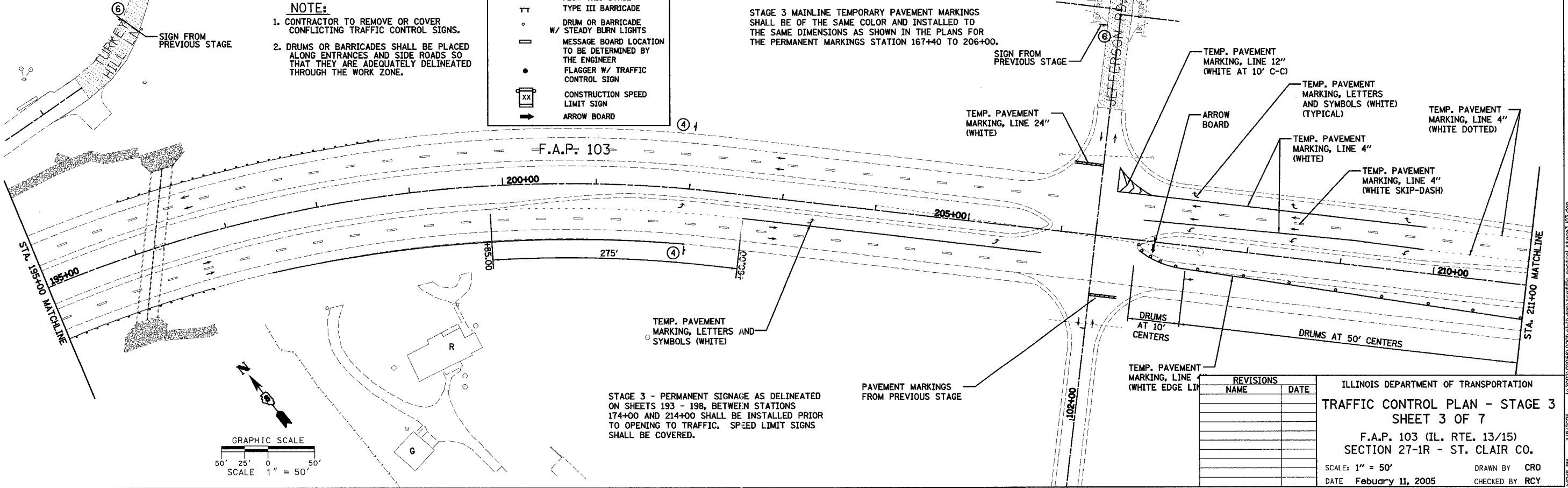


STAGE 3 - PERMANENT SIGNAGE AS DELINEATED ON SHEETS 193 - 198, BETWEEN STATIONS 174+00 AND 214+00 SHALL BE INSTALLED PRIOR TO OPENING TO TRAFFIC. SPEED LIMIT SIGNS SHALL BE COVERED.

LEGEND	
[Cross-hatch pattern]	DENOTES CONSTRUCTION THIS PHASE
[Diagonal hatch pattern]	DENOTES TEMPORARY PAVEMENT
[Dotted pattern]	DENOTES EXISTING PAVEMENT
[Arrow]	DIRECTION OF TRAFFIC FLOW THIS STAGE
[Vertical line with crossbar]	TYPE III BARRICADE
[Circle with dot]	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
[Square]	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
[Triangle with dot]	FLAGGER W/ TRAFFIC CONTROL SIGN
[Square with XX]	CONSTRUCTION SPEED LIMIT SIGN
[Arrow]	ARROW BOARD

**NOTE:**  
 1. CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.  
 2. DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

STAGE 3 MAINLINE TEMPORARY PAVEMENT MARKINGS SHALL BE OF THE SAME COLOR AND INSTALLED TO THE SAME DIMENSIONS AS SHOWN IN THE PLANS FOR THE PERMANENT MARKINGS STATION 167+40 TO 206+00.



STAGE 3 - PERMANENT SIGNAGE AS DELINEATED ON SHEETS 193 - 198, BETWEEN STATIONS 174+00 AND 214+00 SHALL BE INSTALLED PRIOR TO OPENING TO TRAFFIC. SPEED LIMIT SIGNS SHALL BE COVERED.

REVISIONS	
NAME	DATE

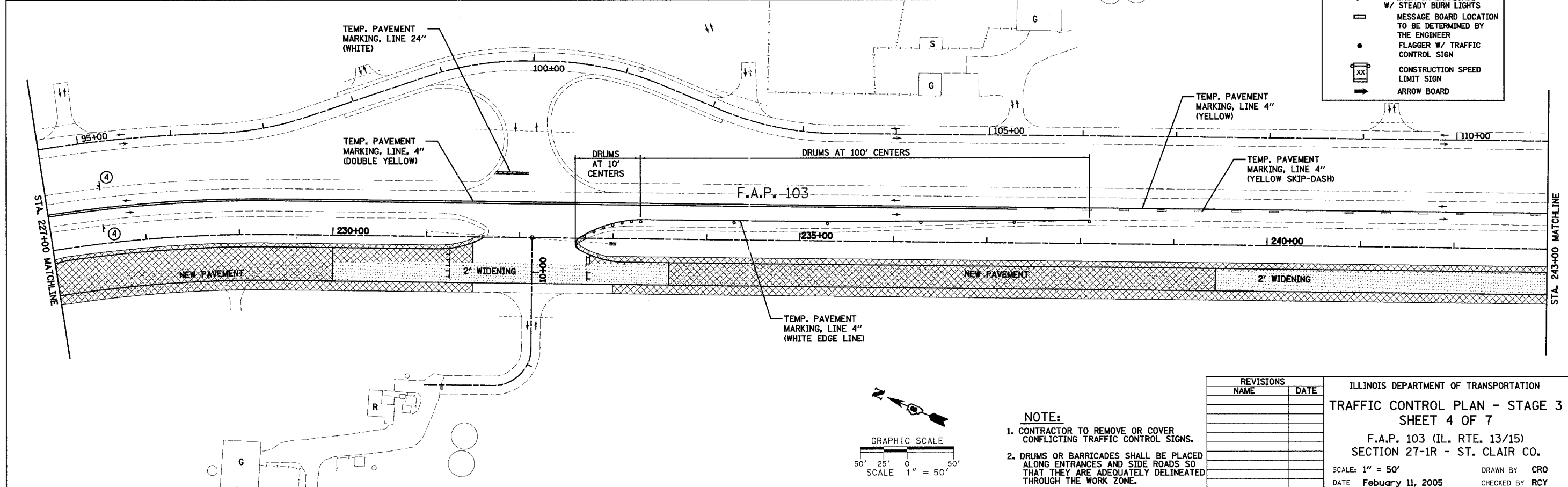
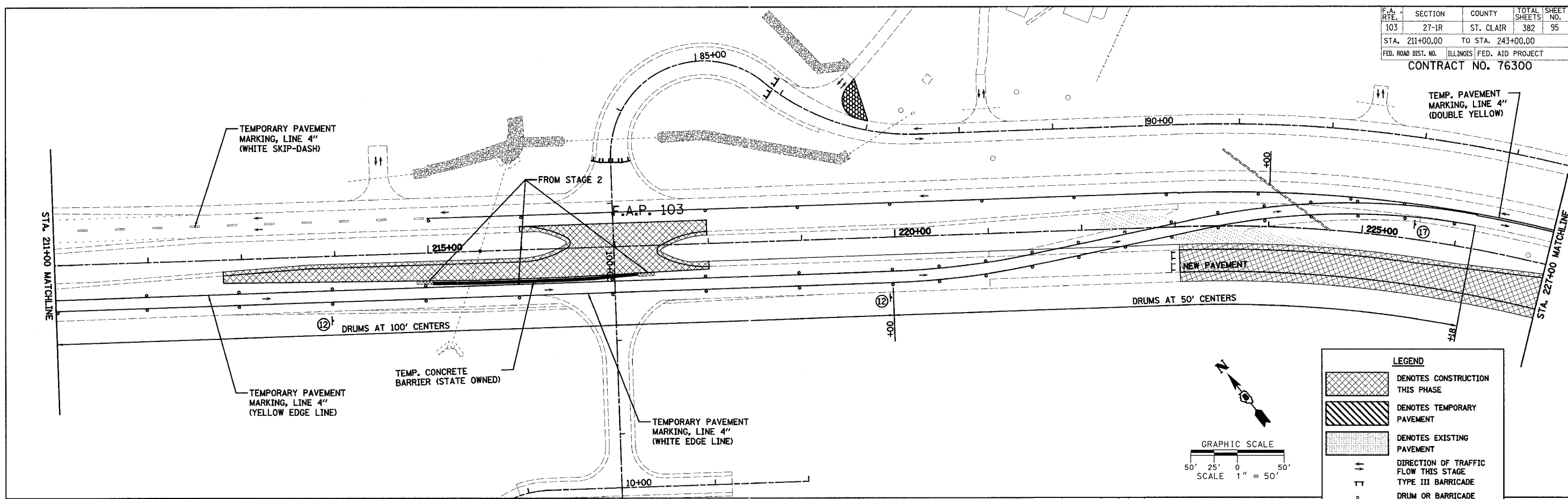
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 3**  
**SHEET 3 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	95
STA. 211+00.00		TO STA. 243+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	BY
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LEGEND	
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE
	STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD

- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
  - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 3**  
**SHEET 4 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

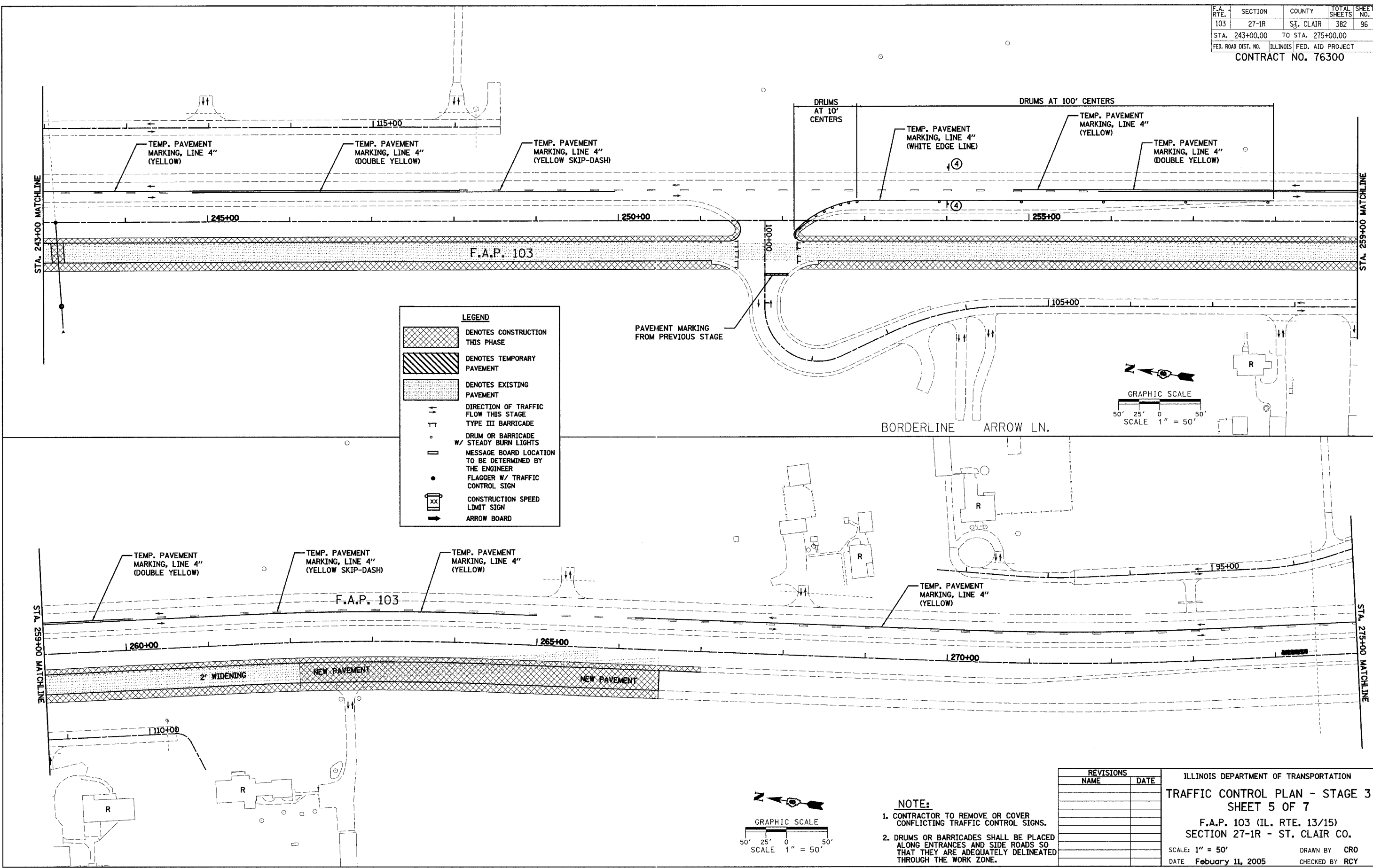
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	96
STA. 243+00.00		TO STA. 275+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

PLAN	DATE

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REVISIONS	DATE



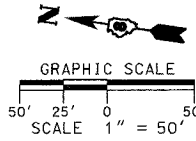
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 3**  
**SHEET 5 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

**NOTE:**

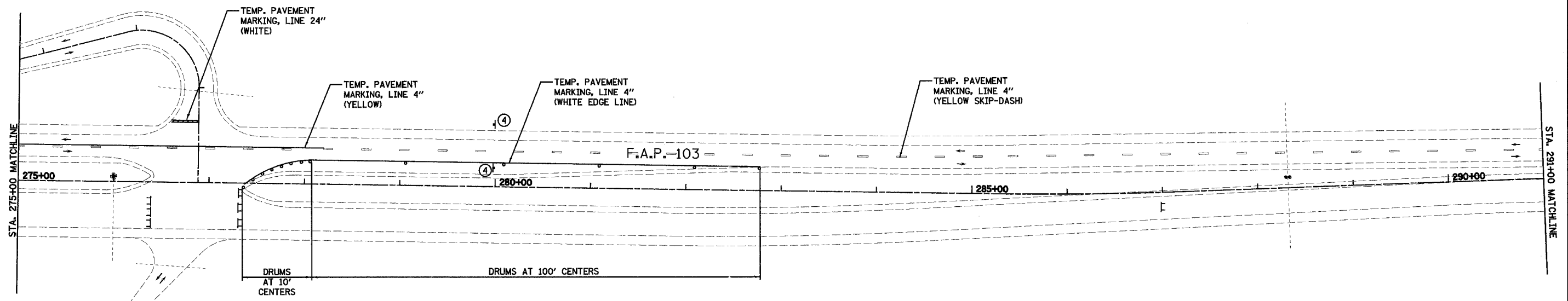
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
- DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	97
STA. 275+00.00		TO STA. 307+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

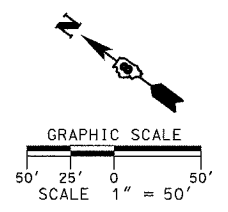
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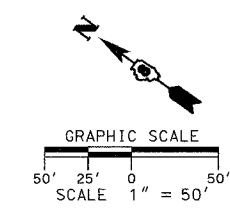
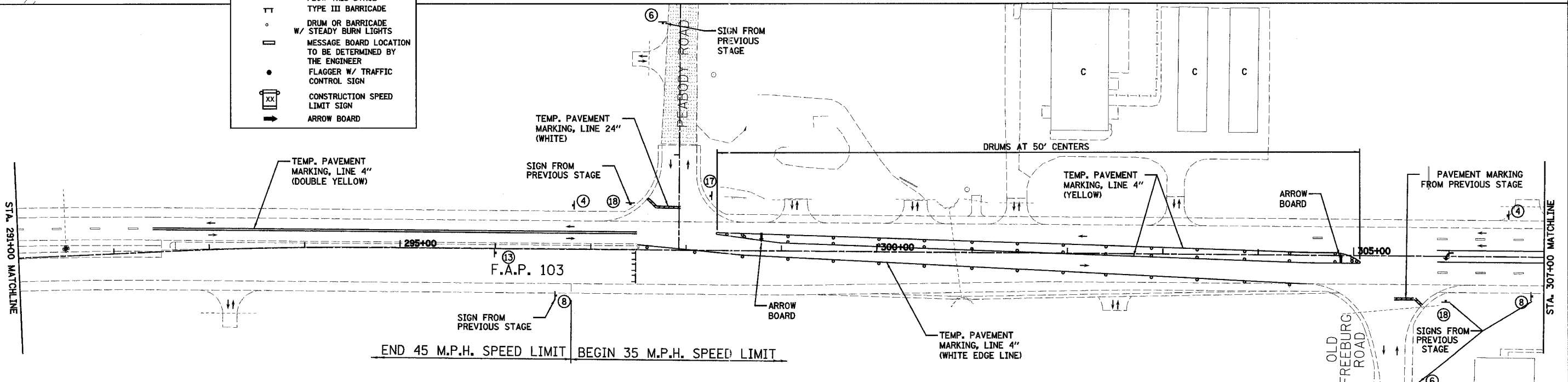
LEGEND	
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD

**NOTE:**

- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
- DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.



PLAN	DATE
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REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 3**  
**SHEET 6 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE February 11, 2005  
 DRAWN BY CRO  
 CHECKED BY RCY

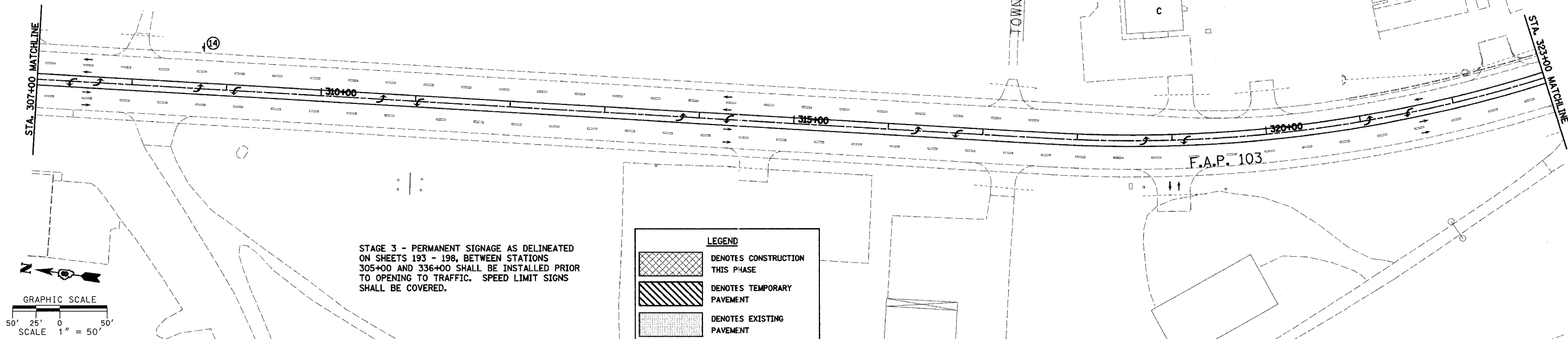
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	98
STA. 307+00.00		TO STA. 338+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76300	

STAGE 3 MAINLINE TEMPORARY PAVEMENT MARKINGS SHALL BE OF THE SAME COLOR AND INSTALLED TO THE SAME DIMENSIONS AS SHOWN IN THE PLANS FOR THE PERMANENT MARKINGS STATION 305+50 TO 338+00.

**NOTE:**

1. CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
2. DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

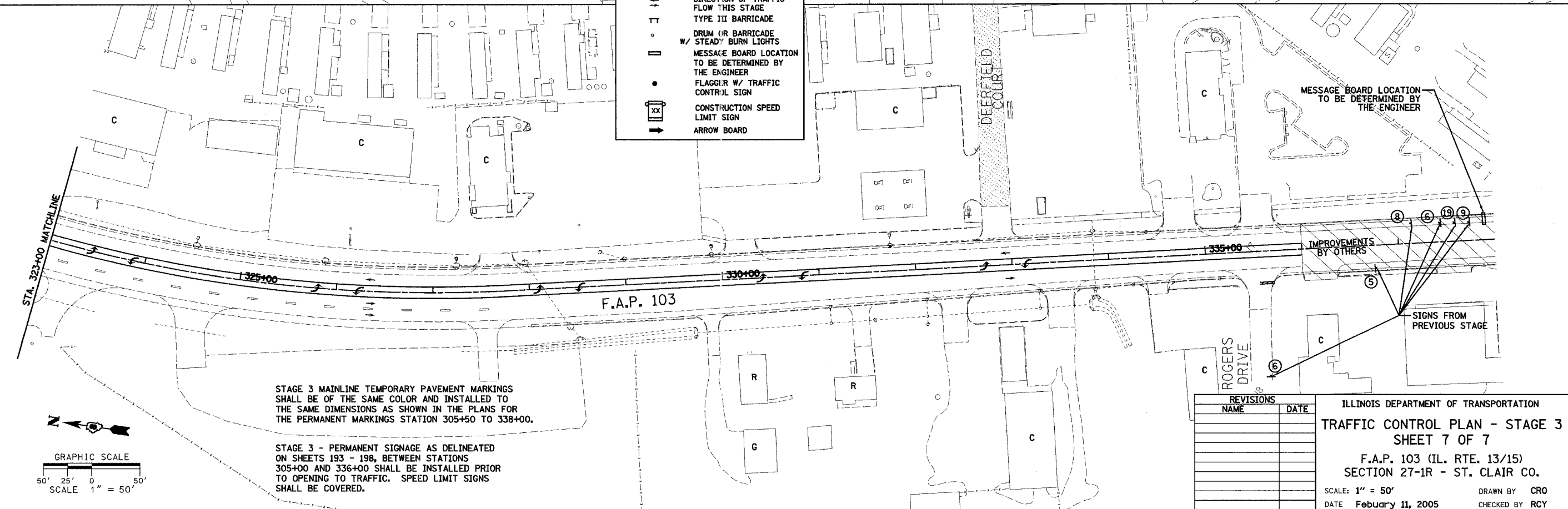
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STAGE 3 - PERMANENT SIGNAGE AS DELINEATED ON SHEETS 193 - 198, BETWEEN STATIONS 305+00 AND 336+00 SHALL BE INSTALLED PRIOR TO OPENING TO TRAFFIC. SPEED LIMIT SIGNS SHALL BE COVERED.

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM (OR BARRICADE) W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD

DATE	BY



STAGE 3 MAINLINE TEMPORARY PAVEMENT MARKINGS SHALL BE OF THE SAME COLOR AND INSTALLED TO THE SAME DIMENSIONS AS SHOWN IN THE PLANS FOR THE PERMANENT MARKINGS STATION 305+50 TO 338+00.

STAGE 3 - PERMANENT SIGNAGE AS DELINEATED ON SHEETS 193 - 198, BETWEEN STATIONS 305+00 AND 336+00 SHALL BE INSTALLED PRIOR TO OPENING TO TRAFFIC. SPEED LIMIT SIGNS SHALL BE COVERED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL PLAN - STAGE 3**  
**SHEET 7 OF 7**  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.  
 SCALE: 1" = 50'  
 DATE: February 11, 2005  
 DRAWN BY: CRO  
 CHECKED BY: RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	100
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76300				

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PLAN	SUBMITTED	DATE
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**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 INTENT OF THIS PROJECT IS TO UPGRADE FAP 103 FROM A 2 LANE HIGHWAY TO A FOUR LANE DIVIDED HIGHWAY FROM GREEN MOUNT ROAD TO PEABODY ROAD, WIDEN THE EXISTING ROADWAY BETWEEN PEABODY ROAD AND ROGERS DRIVE, PROVIDE WIDER SHOULDERS, DRAINAGE IMPROVEMENTS, AND INTERSECTION IMPROVEMENTS TO MEET CURRENT DESIGN POLICY AND IMPROVE SAFETY AND OPERATIONS.
2. BETWEEN GREEN MOUNT ROAD AND PEABODY ROAD, WORK INCLUDES WIDENING AND RESURFACING THE EXISTING PAVEMENT AND CONSTRUCTING A NEW 24' WIDE MAINLINE PAVEMENT AND SEVERAL ACCESS ROADS GENERALLY PARALLEL ALONG EITHER SIDE OF THE EXISTING PAVEMENT. NEW 10' WIDE SHOULDERS WILL BE CONSTRUCTED ON THE OUTSIDE OF BOTH PAVEMENTS AND 6' WIDE SHOULDERS WILL BE CONSTRUCTED WITHIN THE MEDIAN. BETWEEN PEABODY ROAD AND ROGERS DRIVE, WORK TO BE PERFORMED INCLUDES WIDENING AND RESURFACING THE EXISTING PAVEMENT AND PROVIDING NEW WIDER SHOULDERS.

IN ADDITION TO THE PAVEMENT CONSTRUCTION, THE IMPROVEMENTS INCLUDE EARTH EXCAVATION AND EMBANKMENT, PROVISION OF A NEW UNDERDRAIN SYSTEM, REMOVAL AND REPLACEMENT OF PIPE CULVERTS, PIPE CULVERT EXTENSIONS, BOX CULVERTS, REMOVAL OF THE SUGAR CREEK STRUCTURE AND REPLACEMENT WITH SN 082-2043, CONSTRUCTION OF MEDIAN CROSS-OVERS, CLOSED DRAINAGE SYSTEM, COMBINATION CURB AND GUTTER, MOUNTABLE/BARRIER MEDIANS, LANDSCAPING, GUARDRAIL, TREE REMOVAL AND OTHER MISCELLANEOUS ITEMS PERTAINING TO THIS WORK.

**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 THROUGHOUT THE PROJECT TO CONSTRUCT ADDITIONAL PAVEMENT LANES, ACCESS ROADS, WIDER SHOULDERS AND DITCH IMPROVEMENTS.
2. ISOLATED TREE REMOVAL WILL BE COMPLETED THROUGHOUT THE PROJECT AND ADJACENT TO SUGAR CREEK, TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
3. BOX CULVERT WILL BE EXTENDED AND PIPE CULVERTS WILL BE REPLACED DURING CONSTRUCTION OF THE EXCAVATION AND EMBANKMENT TO ALLOW FOR PROPER DRAINAGE.
4. CHANNEL EXCAVATION TO PROVIDE FOR REALIGNED FLOW INTO BOX CULVERT EXTENTION.
5. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
6. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH, AND EROSION CONTROL BLANKET, SEEDING, ETC.
7. FINAL GRADING, PAVING, AND OTHER MISCELLANEOUS ITEMS.

**AREA OF CONSTRUCTION SITE:**

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 101.4 ACRES OF WHICH 83.0 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. SUGAR CREEK

**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 ATTAINED 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.
  - (g.) 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.
  - (h.) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
  - (i.) 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.
  - (j.) 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.
  - (k.) 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.
  - (l.) 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 STORM WATER POLLUTION  
 PREVENTION PLAN  
 SHEET 1 OF 2  
 F.A.P. 103 (IL. RTE. 13/15)  
 SECTION 27-1R - ST. CLAIR CO.

SCALE: AS NOTED                      DRAWN BY CRO  
 DATE March 11, 2005                      CHECKED BY RCY