

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

INDEX OF SHEETS AND LIST OF STDS.
 SEE SHEET 2

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

EX. F.A.P. ROUTE 103 (IL. RTE. 13/15)
 SECTION 27-1R
 PROJECT NUMBER ACF-0103 (063)
 RECONSTRUCTION FROM GREEN MOUNT ROAD
 TO ROGERS DRIVE
 ST. CLAIR COUNTY
 C-98-089-03

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				



LOCATION OF SECTION INDICATED THIS: -



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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

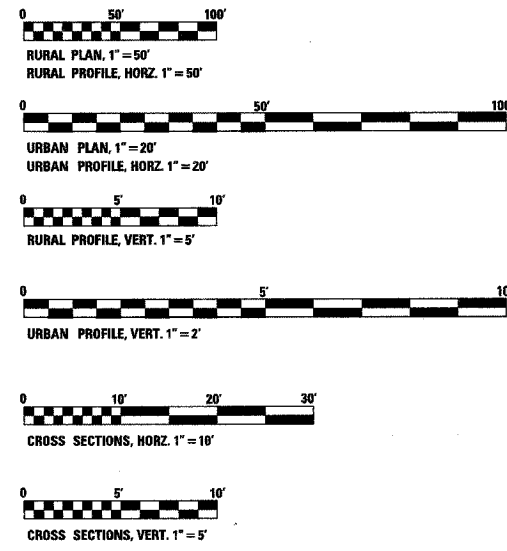
SUBMITTED: March 29, 2005
Mary C. Lamm
 MARY C. LAMM, P.E. DEPUTY DIRECTOR OF HIGHWAYS
 REGION FIVE ENGINEER

August 19, 2005
Mike Hise
 ENGINEER OF DESIGN AND ENVIRONMENT

August 15, 2005
Victor Madson
 DIRECTOR, DIVISION OF HIGHWAYS

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

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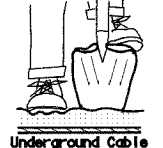


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
 ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT
 CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

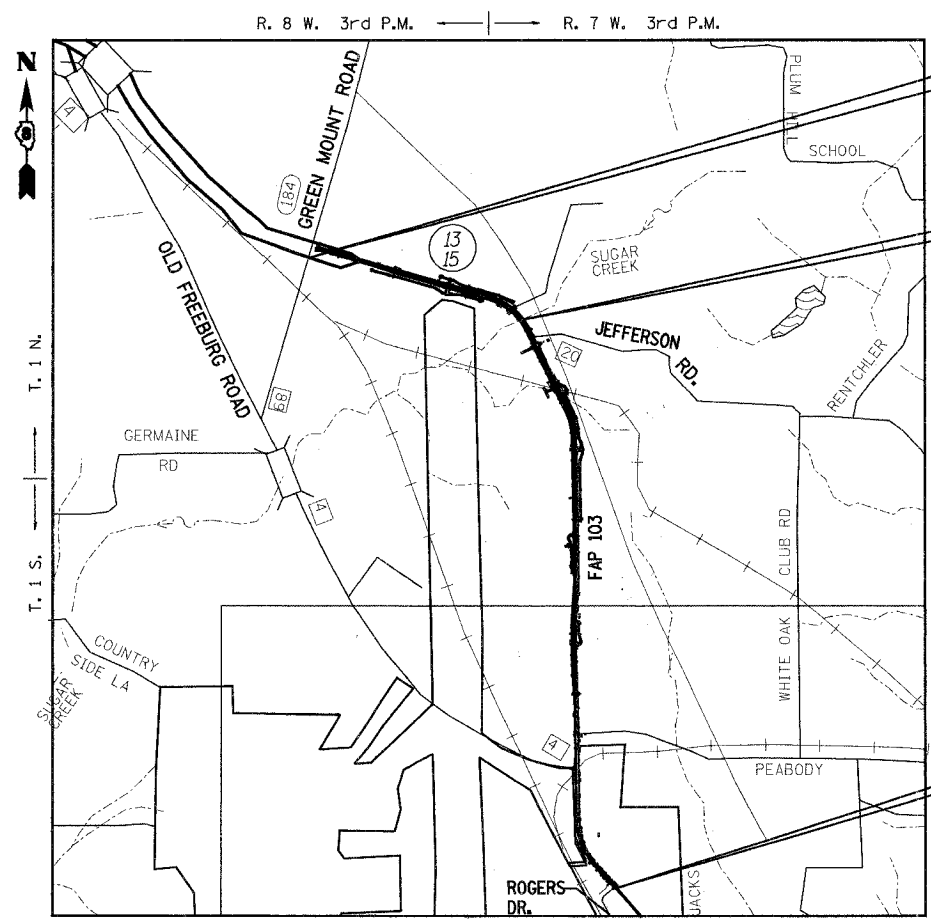
HOLD IT! CALL BEFORE YOU DIG!
 Phone J.U.L.I.E.



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 Utility 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 PROPOSED
 SN 082-2026 EXIST.

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	3218	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: _____ DRAWN BY YBA

DATE March 21, 2005 CHECKED BY RCY

c:\p01\pct13\del88893\plan\71102.dwg 03/21/05 2:00 p.m.

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	1000-2A	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			
70100309	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

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	1000-2A	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	
X6400650	PRECAST CONCRETE BOX CULVERT 3.5' X 1.5'	FOOT	190			190	
X0315111	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			
EO04W25	SEALING ABANDONED WATER WELLS	EACH	2	2			

* DENOTES SPECIALTY ITEMS

REVISIONS	
NAME	DATE

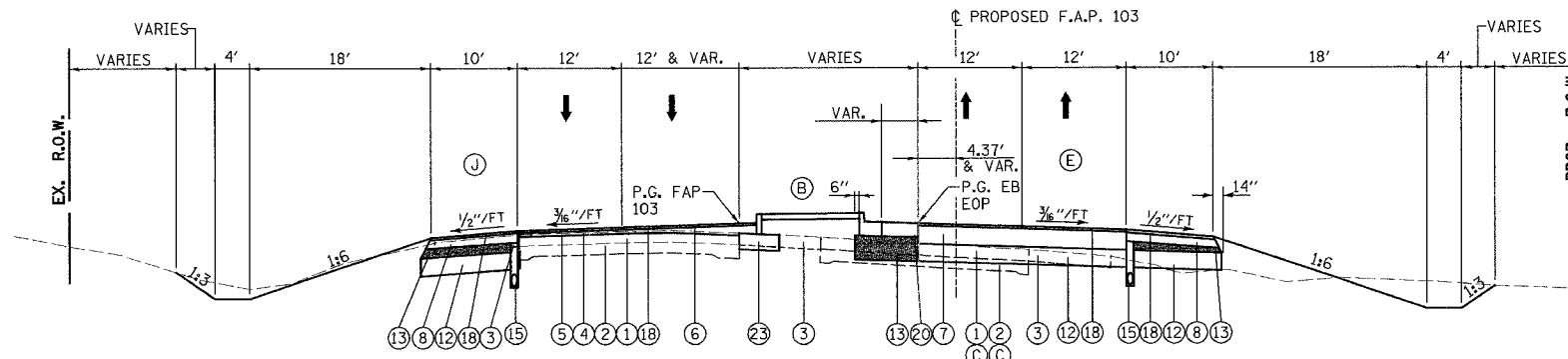
ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
SHEET 3 OF 4 SHEETS
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: DATE March 21, 2005 DRAWN BY YBA CHECKED BY RCY

Rev.

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				
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 DIVIDED-RAISED MEDIAN

STATION 153+92.00 TO 162+94.13

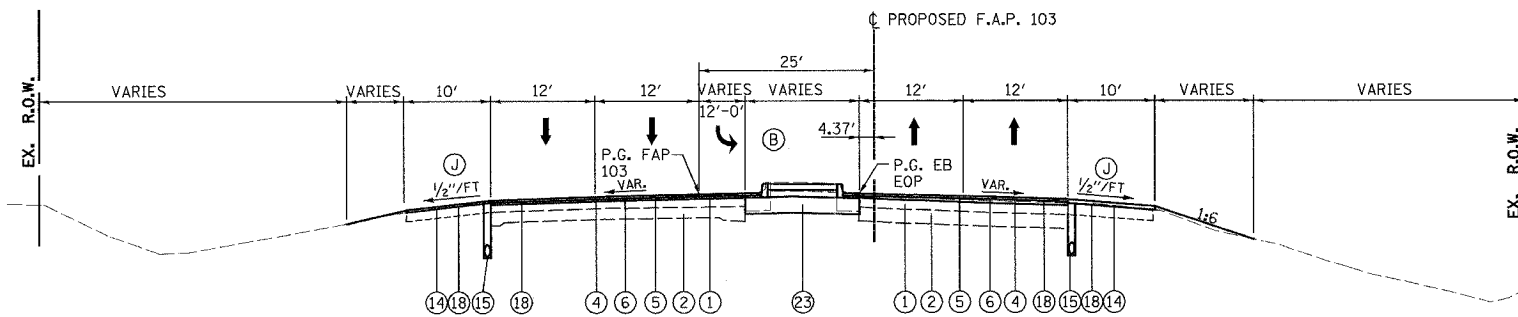
- (B) SEE INTERSECTION DETAIL, SHEET 173 FOR LIMITS AND DETAILS OF CONCRETE MEDIAN.
- (C) SEE CONSTRUCTION PLAN SHEET 54 FOR LIMIT OF PAVEMENT REMOVAL.
- (E) RT. LANES SUPER-ELEVATED; STATION 160+45.07 TO 161+83.66
- (J) MILL EXISTING BITUMINOUS SHOULDER AS NECESSARY TO PROVIDE MINIMUM 2" BITUMINOUS 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 3/16"/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= 33.3	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= 32.4	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

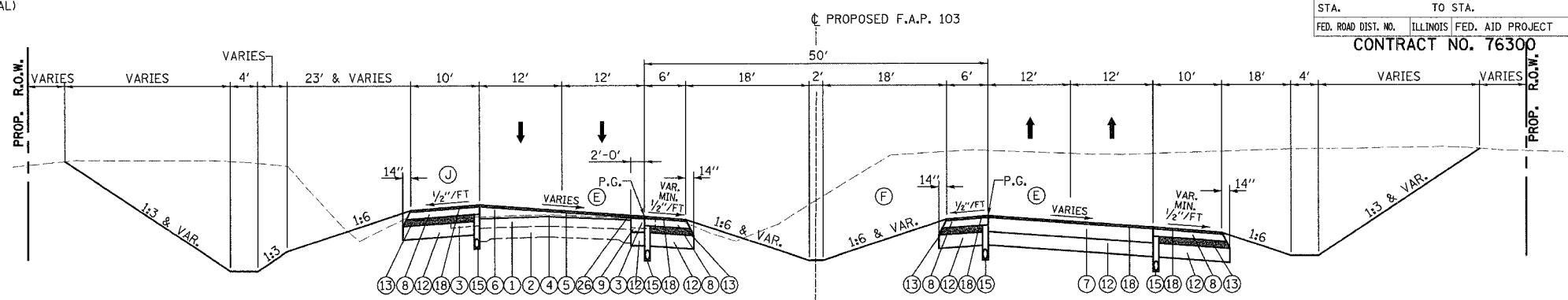
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 76300

LEGEND

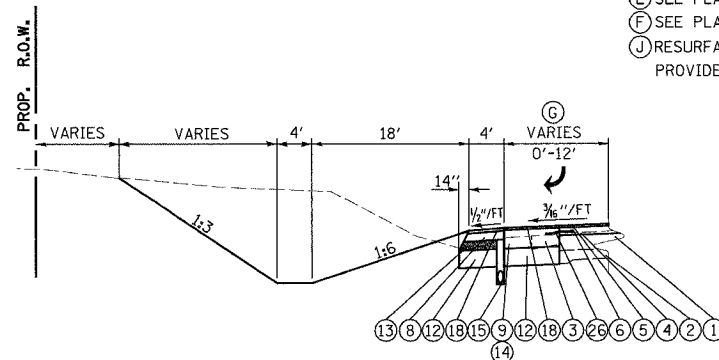
- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- *⑤ PROPOSED BITUMINOUS 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
- 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)
- ****⑳ 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

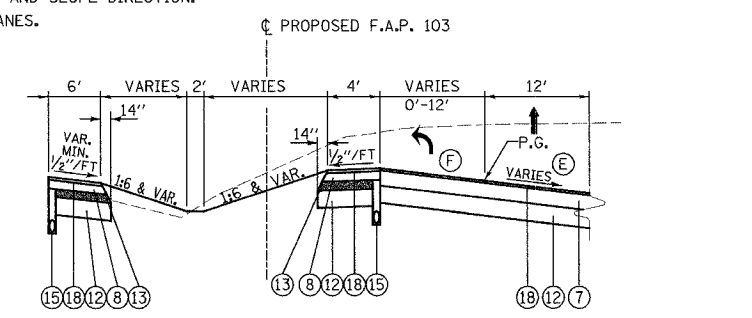
STATION 188+21.48 TO 190+50.00 STATION 259+96.89 TO 262+10.00
 STATION 201+50.00 TO 204+33.71 STATION 271+90.00 TO 274+67.66
 STATION 230+00.00 TO 231+34.27

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



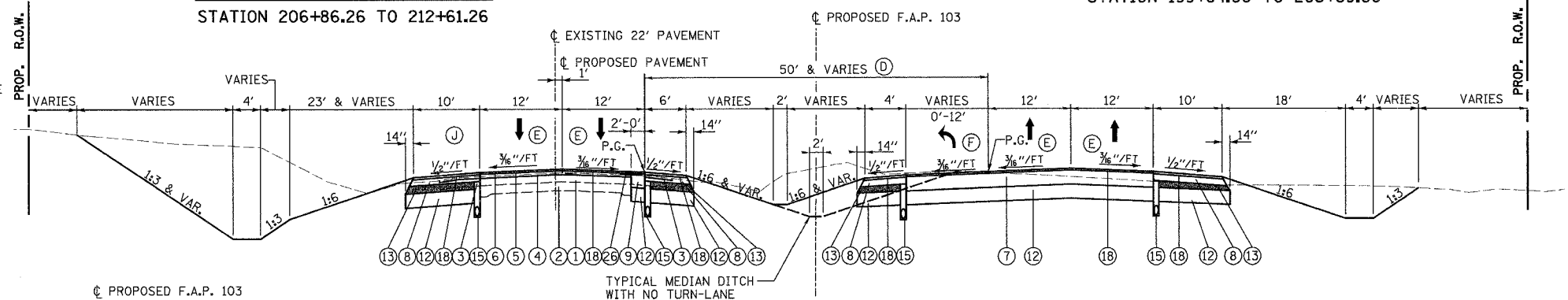
RIGHT-TURN LANE DETAIL

STATION 206+86.26 TO 212+61.26



LEFT-TURN LANE DETAIL

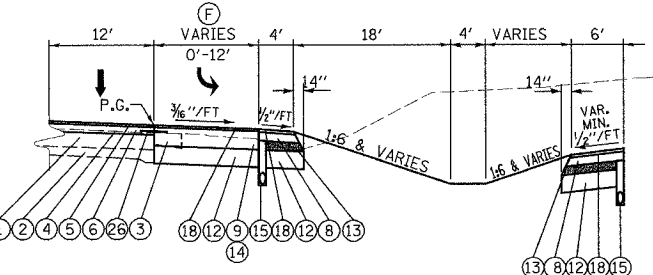
STATION 199+84.60 TO 205+89.60



TYPICAL 4-LANE DIVIDED HIGHWAY - OVERLAY

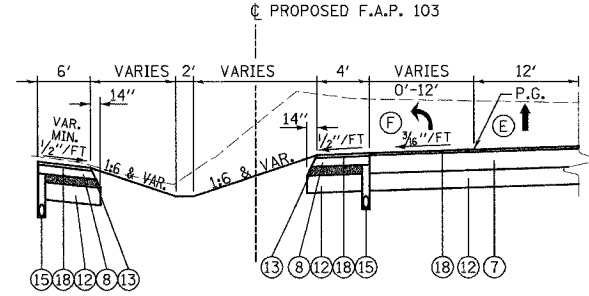
STATION 162+94.13 TO 188+21.48 STATION 231+34.27 TO 233+60.00
 STATION 204+33.71 TO 218+50.00 STATION 239+45.00 TO 259+96.89
 STATION 274+67.66 TO 285+25.00

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

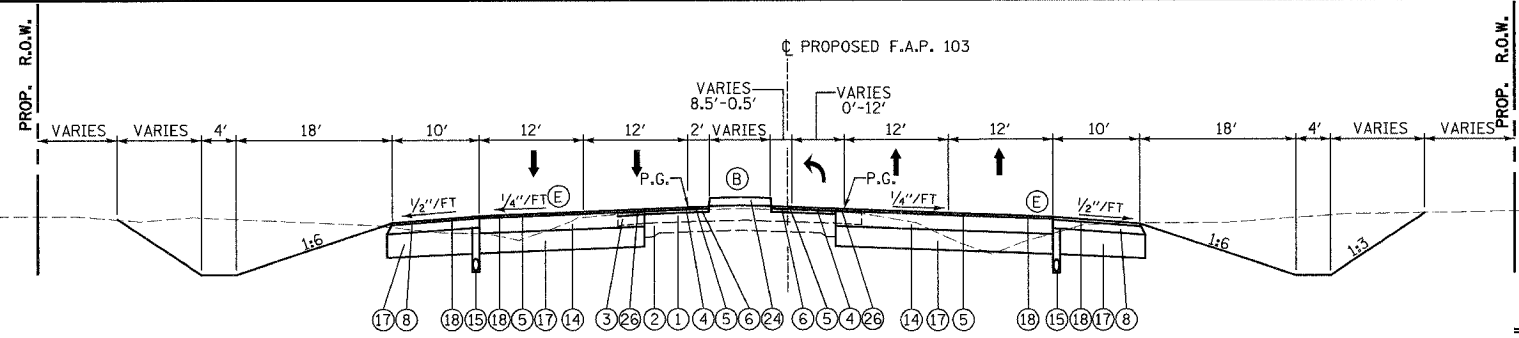
REVISIONS	
NAME	DATE

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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LEGEND

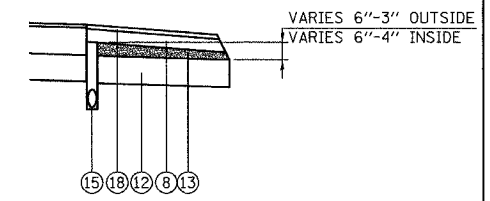
- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- ⑤ PROPOSED BITUMINOUS 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

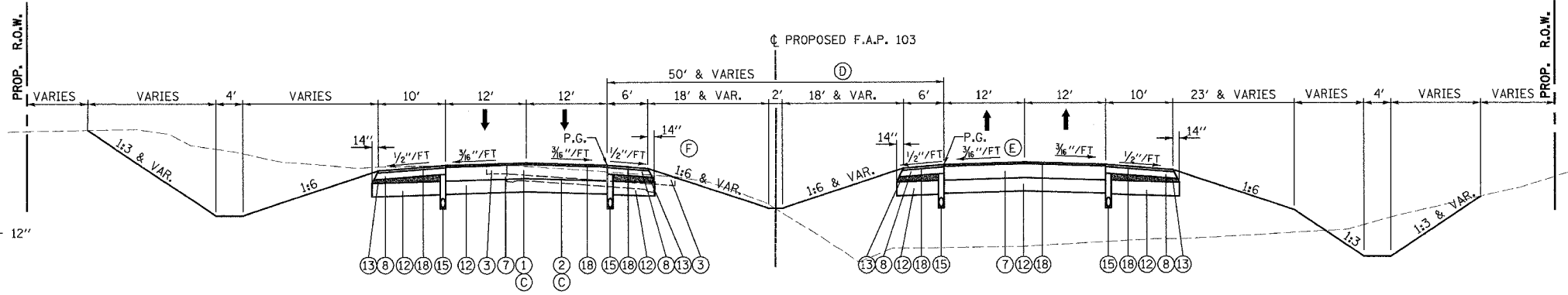
STATION 292+57.12 TO 297+60.00

- ⓑ SEE SHEET 174 FOR LIMITS AND DETAILS OF CONCRETE MEDIAN.
- ⓒ SEE CONSTRUCTION PLAN SHEETS 58 AND 65 FOR LIMITS OF PAVEMENT REMOVAL.
- ⓓ 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

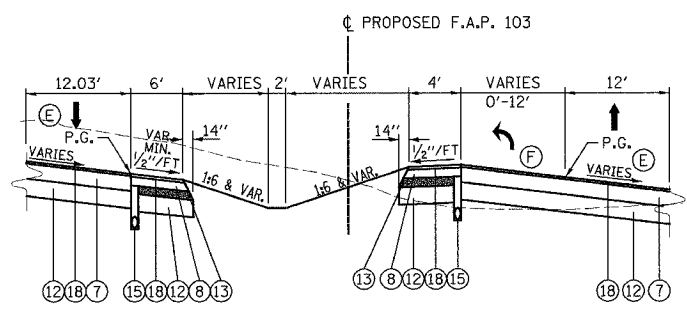
STATION 153+92.00 TO 289+67.55



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

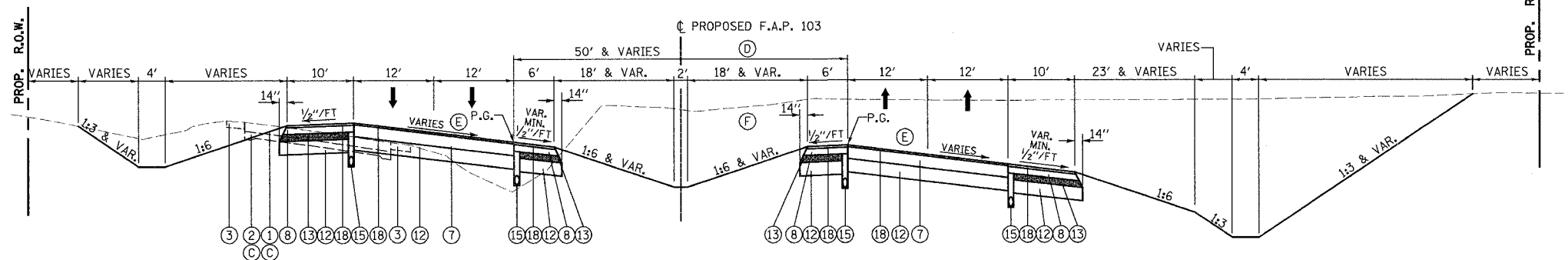
- ⓓ MEDIAN WIDTH VARIES FROM 26.4' @ STATION 285+25.00 TO 22.4' @ STATION 289+67.55
- ⓔ RT. LANES SUPER-ELEVATED: STATION 285+25.00 TO 285+80.52
- ⓕ STATION 288+57.32 TO 289+67.55
- ⓖ LT. LANES SUPER-ELEVATED: STATION 285+25.00 TO 286+54.39
- ⓗ SEE PLAN SHEET 29 AND 30 FOR LOCATION OF LEFT-TURN LANE.



LEFT-TURN LANE DETAIL

STATION 225+61.95 TO 231+66.95

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



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

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

REVISIONS	
NAME	DATE

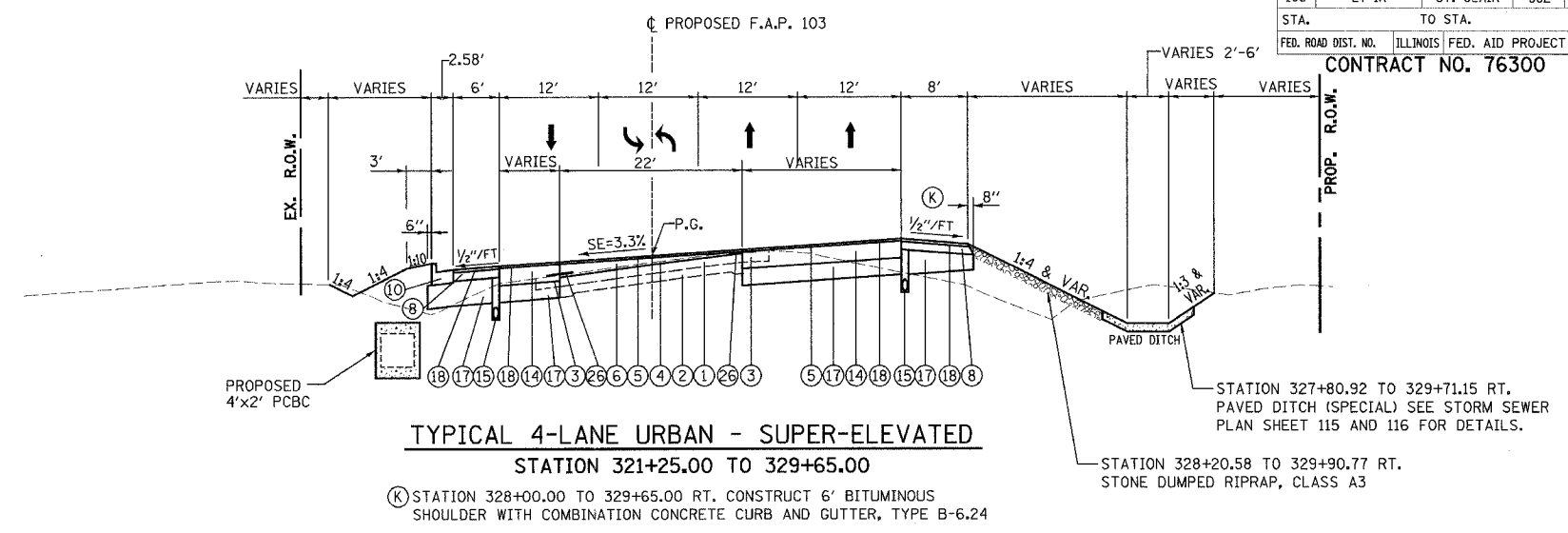
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 SHEET 3 OF 5 SHEETS
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: NONE DRAWN BY CRO
 DATE February 11, 2005 CHECKED BY RCY

F.A. 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

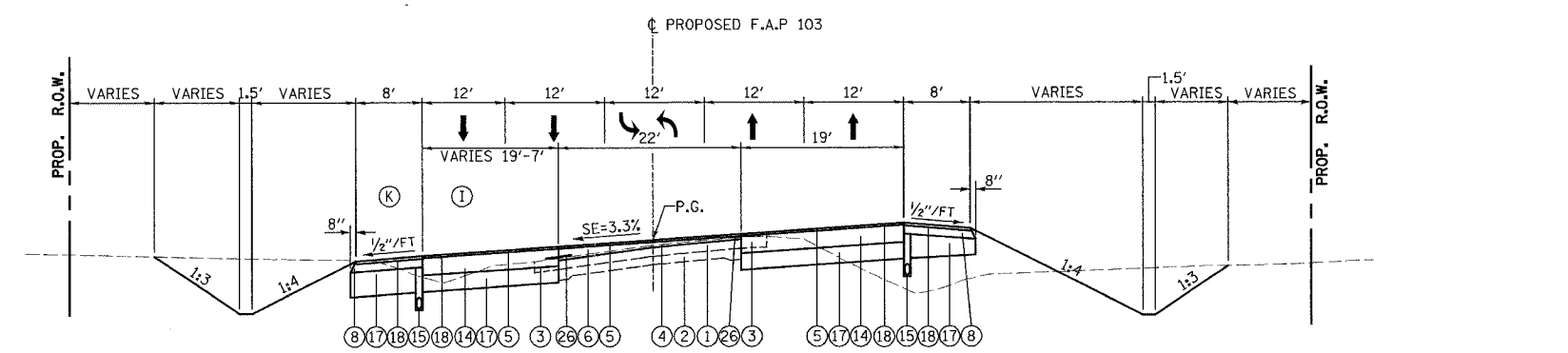
- ① EXISTING RESURFACING - 7" AND VARIES (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ② EXISTING PCC PAVEMENT 9-7-9 (SEE STAGING PLAN FOR LOCATIONS OF PAVEMENT REMOVAL)
- ③ EXISTING BITUMINOUS SHOULDER (TO BE REMOVED)
- ④ PROPOSED BITUMINOUS SURFACE REMOVAL - 1-1/2"
- * ⑤ PROPOSED BITUMINOUS 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"



TYPICAL 4-LANE URBAN - SUPER-ELEVATED

STATION 321+25.00 TO 329+65.00

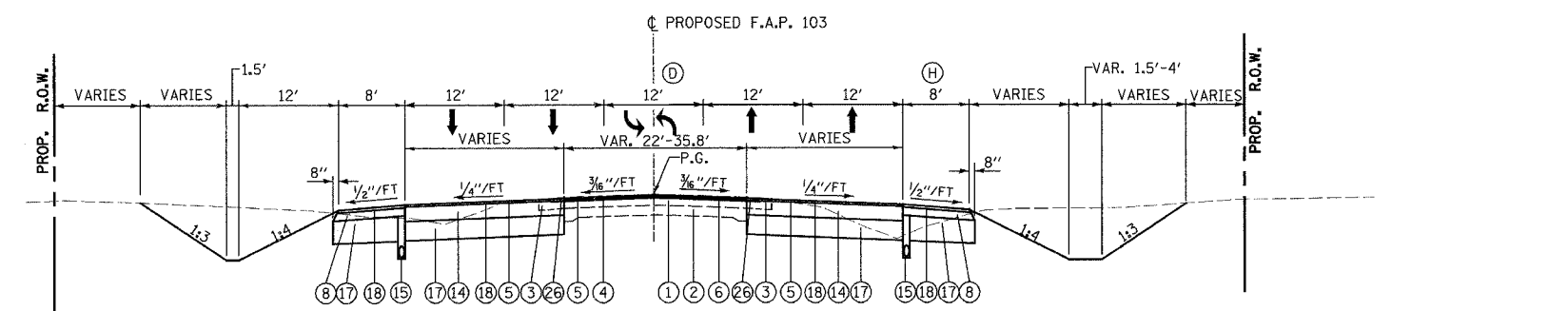
- (K) STATION 328+00.00 TO 329+65.00 RT. CONSTRUCT 6' BITUMINOUS SHOULDER WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24



TYPICAL 5-LANE URBAN - SUPER-ELEVATED

STATION 316+28.85 TO 321+25.00

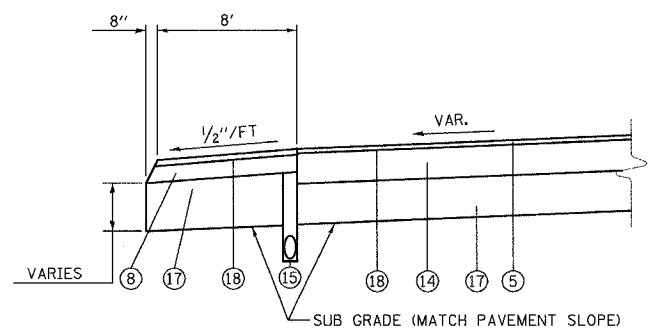
- (I) WIDTH VARIES FROM 12' AT STATION 317+72.95 TO 0' AT 320+43.00
- (K) STATION 320+92.30 TO 321+25.00 LT. CONSTRUCT 6' BITUMINOUS SHOULDER WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24



TYPICAL 5-LANE URBAN - NORMAL CROWN

STATION 297+60.00 TO 316+28.85

- (D) MEDIAN WITH VARIES FROM 18' AT STATION 297+60.00 TO 12' AT 301+78.22
- (H) SHOULDER WIDTH 10' AND VARIES STATION 297+60.00 TO 302+65.56



SUBBASE GRANULAR MATERIAL, TYPE B 12" MINIMUM DETAIL

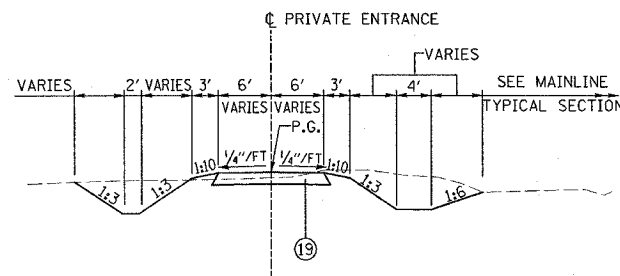
STATION 297+60.00 TO 321+25.00

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 DRAWN BY CRO
 DATE February 11, 2005 CHECKED BY RCY

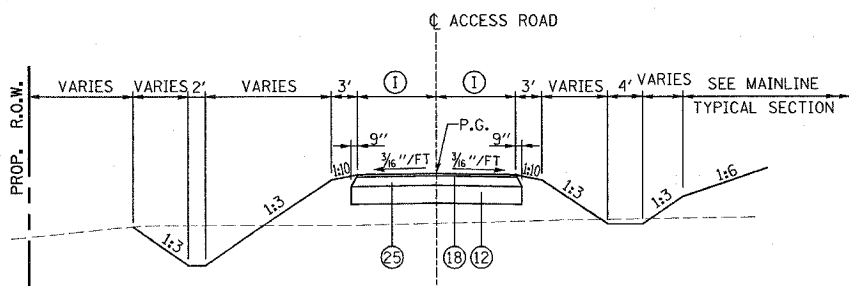
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	11
STA.		TO STA.		
CONTRACT NO.: 76300				



TYPICAL PRIVATE ENTRANCE

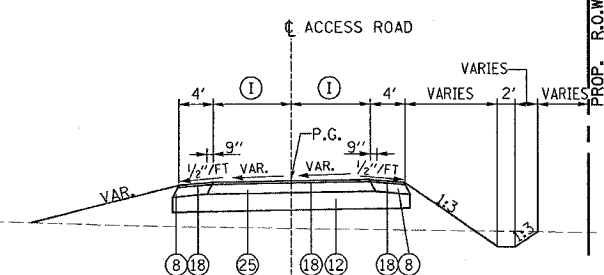
P.E.-LT. 1 - STATION 91+89.93 TO 93+27.18 (ACCESS RD. LT. 3)
P.E.-RT. 1 - STATION 7+38.65 TO 8+90.43 (ACCESS RD. RT. 2C)
P.E.-RT. 2 - STATION 109+27.13 TO 110+53.86 (ACCESS RD. RT.3)



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

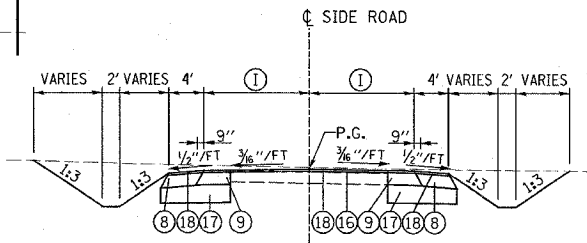
① SEE PLAN SHEETS 48, 49, 50, 50A, 51, AND 52 FOR LANE WIDTHS.



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.

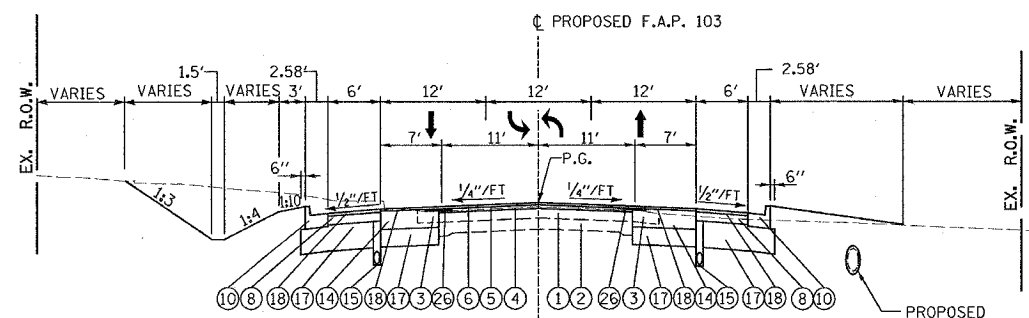


TYPICAL SIDE ROAD

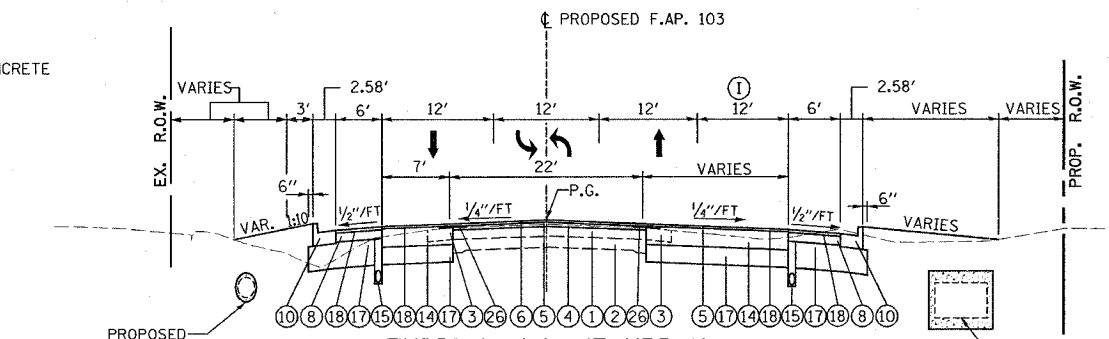
JEFFERSON ROAD-STATION 206+36.83 LT.
PEABODY ROAD-STATION 297+93.22 LT.
① SEE PLAN SHEETS 29, 36 AND 37 FOR LANE WIDTHS.

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"

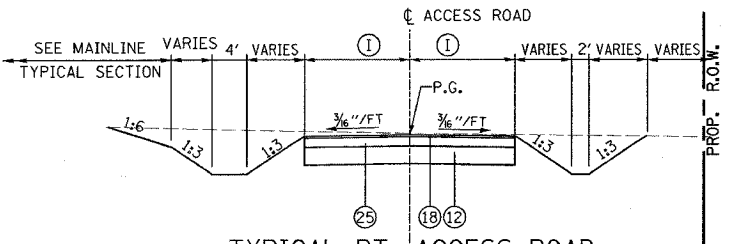


TYPICAL 3-LANE URBAN
STATION 333+80.00 TO 336+00.00



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

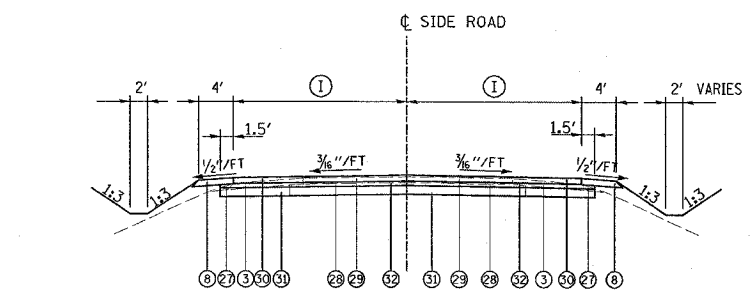
① WIDTH VARIES FROM 12' AT STATION 329+49.71 TO 0' AT 334+90.00



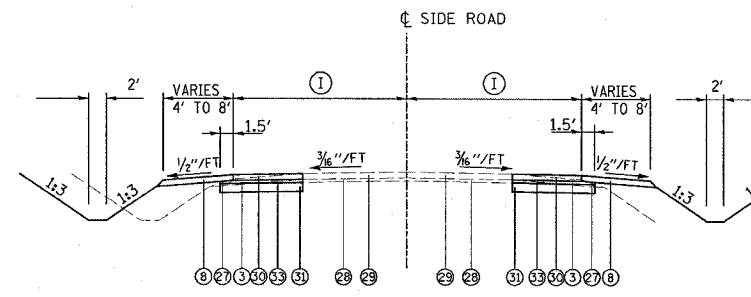
TYPICAL RT. ACCESS ROAD

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.



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.

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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TREE REMOVAL UNITS				
STATION	OFFSET	SIDE	6-15" DIA.	>15" DIA.
182+48	38	RT.	8	
182+49	47	RT.	8	
182+50	55	RT.	8	
182+51	64	RT.	8	
182+52	72	RT.	8	
182+53	81	RT.	8	
182+54	89	RT.	9	
182+55	98	RT.	9	
182+56	106	RT.	9	
182+57	115	RT.	9	
182+58	123	RT.	10	
182+59	132	RT.	10	
182+60	141	RT.	10	
182+61	149	RT.	10	
182+62	158	RT.	10	
182+63	166	RT.	10	
182+63	175	RT.	10	
182+64	183	RT.	10	
182+65	192	RT.	10	
182+81	62	RT.	6	
182+85	87	RT.	6	
183+24	12	RT.	6	
183+43	11	RT.	8	
183+67	12	RT.	8	
184+24	15	RT.	6	
184+26	13	RT.	6	
184+27	10	RT.	6	
184+29	8	RT.	8	
186+06	82	LT.	12	
186+20	124	LT.	8	
186+31	65	RT.		17
187+01	120	RT.		18
187+66	129	LT.		36
187+85	67	RT.	14	
187+96	101	LT.	6	
188+12	44	RT.	12	
188+15	101	RT.	14	
188+15	78	LT.	6	
188+48	116	LT.	8	
188+48	116	LT.	15	
189+41	64	RT.		30
189+43	89	RT.		30
191+99	3	RT.	6	
191+99	3	RT.	8	
191+99	3	RT.	12	
192+02	2	LT.	12	
192+22	4	RT.	6	
193+79	104	RT.	6	
194+17	51	RT.		30
197+09	82	RT.	8	
197+15	102	RT.	6	
198+13	41	RT.		36
198+87	15	RT.		30
215+75	119	LT.		18
220+93	114	LT.	6	
220+93	114	LT.	6	
220+93	114	LT.	12	
220+93	114	LT.	12	
221+01	85	LT.	6	
221+01	85	LT.	6	
221+20	92	LT.	6	
221+20	92	LT.	6	
230+80	79	RT.		24
236+15	73	LT.	6	
236+26	111	LT.		30
236+43	29	LT.		28
236+84	41	LT.	6	
237+02	132	LT.		30
257+36	93	RT.		21
258+18	87	RT.		21
258+52	103	RT.	15	
258+52	73	RT.		21
267+91	81	LT.	6	
267+91	81	LT.	8	
267+97	66	LT.	6	
268+01	52	LT.		18
268+38	74	LT.	8	
268+43	68	LT.	8	
268+53	65	LT.	8	
268+65	63	LT.	8	
269+27	75	LT.		16
269+39	75	LT.	9	
269+51	76	LT.	8	
269+51	76	LT.	10	
269+68	79	LT.		18
269+85	81	LT.	6	
269+85	81	LT.	6	
269+85	81	LT.	9	
269+85	81	LT.	9	
TOTAL (RURAL)			589	472

TREE REMOVAL UNITS				
STATION	OFFSET	SIDE	6-15" DIA.	>15" DIA.
308+52	52	RT.	6	
308+52	52	RT.	6	
308+52	52	RT.	6	
308+52	52	RT.	6	
308+52	52	RT.	6	
308+52	52	RT.	6	
308+52	52	RT.	6	
308+52	52	RT.	6	
322+30	71	RT.		21
322+31	74	RT.		24
322+32	76	RT.		21
322+32	76	RT.		42
322+34	82	RT.		18
322+35	85	RT.		21
322+36	88	RT.		18
322+37	90	RT.		18
322+58	59	RT.	8	
322+59	62	RT.	10	
322+60	65	RT.	15	
322+61	68	RT.	15	
330+63	61	RT.	6	
331+31	57	RT.	10	
331+61	46	RT.		20
334+56	46	RT.	14	
TOTAL (URBAN)			120	203

SEE SHEET 19 FOR SCHEDULE OF TREE REMOVAL, ACRES

DELINEATORS EACH						
STATION	TO STATION	ALIGNMENT	SIDE	WHITE	AMBER	REMARKS
				DELINEATOR EACH	DELINEATOR EACH	
151+00	183+00	FAP103	RT	9		
183+00	190+00	FAP103	RT	2		CURVE LEAD IN
190+00	202+50	FAP103	RT	11		
202+50	209+50	FAP103	RT	2		CURVE LEAD OUT
209+50	216+00	FAP103	RT	3		
216+00	223+00	FAP103	RT	2		CURVE LEAD IN
223+00	229+50	FAP103	RT	6		
229+50	236+50	FAP103	RT	2		CURVE LEAD OUT
236+50	253+40	FAP103	RT	15		
253+40	261+40	FAP103	RT	2		CURVE LEAD IN
261+40	273+25	FAP103	RT	8		
273+25	281+25	FAP103	RT	2		CURVE LEAD OUT
281+25	297+25	FAP103	RT	5		
151+00	183+00	FAP103	LT	9		
183+00	190+00	FAP103	LT	2		CURVE LEAD IN
190+00	202+50	FAP103	LT	11		
202+50	206+50	FAP103	LT	1		CURVE LEAD OUT
206+50	212+50	FAP103	LT	7		DOUBLE REFLECTORS
212+50	216+00	FAP103	LT	1		
216+00	223+00	FAP103	LT	2		CURVE LEAD IN
223+00	229+50	FAP103	LT	6		
229+50	236+50	FAP103	LT	2		CURVE LEAD OUT
236+50	253+40	FAP103	LT	15		
253+40	261+40	FAP103	LT	2		CURVE LEAD IN
261+40	273+25	FAP103	LT	8		
273+25	281+25	FAP103	LT	2		CURVE LEAD OUT
281+25	297+25	FAP103	LT	5		
180+57		FAP103	MED		4	2-DOUBLE REFLECTORS
206+37		FAP103	MED		4	2-DOUBLE REFLECTORS
232+13		FAP103	MED		4	2-DOUBLE REFLECTORS
251+78		FAP103	MED		4	2-DOUBLE REFLECTORS
276+88		FAP103	MED		4	2-DOUBLE REFLECTORS
	SUBTOTAL			142	20	
	TOTAL (RURAL)					162

REMOVAL OF EXISTING STRUCTURES EACH	
NO.	DESCRIPTION
1	4'x4' RCBC x 83.8' STA. 195+76 LEFT
2	DBL. 10'x6' RCBC x 70.7' STA. 196+32 LEFT
3	6'x6' RCBC x 50.4' STA. 216+54 LEFT

REMOVE EXISTING CULVERTS EACH				
STATION	OFFSET	SIDE	DESCRIPTION	EACH
167+78	37	LT.	4'x3' RCBC x 40.2'	1
185+15	38	LT.	3'x3' RCBC x 53.3'	1
185+16	9	LT.	2.5'x2.5' RCBC x 5.0'	1
202+75	39	LT.	3'x2' RCBC x 31.6'	1
243+11	52	RT.	1.5'x1.5' RCBC x 62.0'	1
274+51	38	LT.	2'x2' RCBC x 33.4'	1
TOTAL (RURAL)				6
300+90	2	RT.	2'x1.5' RCBC x 35.9'	1
TOTAL (URBAN)				1

FENCE REMOVAL FOOT					
STATION	TO	STATION	SIDE	OFFSET	LENGTH
186+33.29		187+01.97	LT.	208	125.0
192+45.77		197+19.57	RT.	23	688.1
211+40.55		218+66.00	LT.	63	885.1
213+59.67		216+65.16	RT.	11	672.5
234+64.21		235+13.34	LT.	158	60.3
TOTAL (RURAL)					2431
299+46.73		299+70.17	LT.	32	23.4
324+29.40		329+05.98	RT.	77	526.6
TOTAL (URBAN)					550

GUARDRAIL REMOVAL FOOT				
STATION	TO	STATION	SIDE	LENGTH
166+24.86		168+52.07	LT.	227.6
166+98.22		169+25.28	LT.	227.2
182+74.06		186+88.59	LT.	415.1
183+43.13		186+16.38	LT.	277.5
192+82.58		197+46.75	LT.	487.2
194+68.45		199+03.01	LT.	465.2
214+17.61		217+81.58	LT.	364.3
214+80.78		218+18.91	LT.	338.9
TOTAL (RURAL)				2803

PIPE CULVERT REMOVAL FOOT				
STATION	OFFSET	SIDE	DESCRIPTION	LENGTH
162+46.80	0.07	RT.	15" CMP	43.9
163+79.29	66.43	LT.	18" CMP	25.1
167+78.15	59.85	LT.	64"x43" CMP	6.3
178+55.02	67.61	LT.	24" CMP	34.7
187+63.30	66.61	LT.	15" CMP	31.7
189+55.48	11.99	LT.	15" CMP	27.1
190+43.30	66.81	LT.	15" CMP	34.5
192+74.31	24.58	LT.	15" CMP	32.0
194+67.14	125.08	LT.	18" CMP	84.4
197+59.95	33.07	LT.	18" CMP	30.9
199+61.96	26.82	LT.	18" CMP	36.6
202+74.90	60.35	LT.	42"x29" RECP	12.3
202+75.15	16.56	LT.	42"x29" RECP	12.0
206+37.14	107.86	LT.	24" RCCP	74.2
210+75.44	38.78	LT.	24" RCCP	59.8
212+24.40	9.70	LT.	15" CMP	45.5
212+26.50	68.29	LT.	15" CMP	43.6
217+75.27	29.46	RT.	24" CMP	56.2
218+63.19	66.28	LT.	15" CMP	35.5
221+37.08	24.23	LT.	30" RCCP	78.4
228+95.91	70.91	RT.	12" CMP	24.9
228+96.36	72.09	RT.	15" CMP	22.1
229+87.45	37.80	RT.	24" RCCP	50.5
231+41.97	67.27	RT.	24" CMP	42.2
231+84.32	66.40	RT.	15" CMP	24.9
243+10.78	10.11	RT.	24" RCCP	22.4
243+10.91	90.81	RT.	24" RCCP	15.0
248+10.41	7.98	RT.	15" CMP	45.6
257+09.48	62.98	RT.	15" CMP	28.6
257+46.89	63.37	RT.	15" CMP	25.8
258+06.96	64.24	RT.	15" CMP	26.6
258+92.19	77.88	RT.	15" CMP	25.0
265+33.33	12.98	LT.	15" CMP	47.3
268+66.71	40.95	LT.	15" CMP	65.0
271+96.13	69.01	LT.	18" RCCP	57.5
274+50.69	5.82	LT.	24" CMP	9.0
274+50.69	15.82	LT.	24" RCCP	11.0
274+50.71	43.98	LT.	30" CMP	31.9
277+36.96	8.77	LT.	18" CMP	55.6
287+42.67	60.93	LT.	15" CMP	27.2
288+33.84	28.85	LT.	24" RCCP	57.2
JEFFERSON	26.88	LT.	18" RCCP	34.4
TOTAL (RURAL)				1554
292+58.72	23.48	RT.	24" RCCP	50.1
299+07.97	28.29	LT.	15" CMP	46.9
300+41.87	32.29	LT.	18" CMP	47.4
300+90.31	20.24	LT.	24" RCCP	8.0
300+90.63	24.92	RT.	24" RCCP	10.5
301+04.53	31.28	LT.	15" CMP	21.7
301+49.70	31.25	LT.	15" CMP	50.2
303+12.98	28.43	LT.	12" CMP	25.6
305+45.04	45.72	RT.	24" RCCP	124.7
305+74.44	78.23	RT.	18" RCCP	19.8
314+59.19	29.10	RT.	15" CMP	48.9
316+68.80	44.05	RT.	12" CMP	21.1
317+13.97	59.65			

SIGN REMOVAL

STATION	SIDE	DESCRIPTION	REMOVE SIGN PANEL TYPE 1 SQ FT	REMOVE SIGN PANEL TYPE 2 SQ FT	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH
147+36	LT.	DO NOT ENTER	9			
148+06	LT.	KEEP RIGHT	5			
148+91	LT.	KEEP RIGHT	5			
150+16	LT.	DO NOT ENTER	9			
150+25	RT.	RIGHT LANE ENDS	9			
152+62	RT.	13/15				
152+63	LT.	GOLF COURSE	7.5		1	
153+92	RT.	MERGE	9			
153+94	LT.	LEFT TURN LANE	4			
155+71	RT.	TWO WAY TRAFFIC / NO PARKING	9			
156+26	LT.	USWIC		18		
156+88	LT.	KEEP RIGHT	5			
156+90	RT.	TWO WAY TRAFFIC	9			
158+95	RT.	ADOPT A HIGHWAY				1
162+20	NA	NO HEAVY TRUCKS	1.5			
162+20	RT.	COMMERCIAL - BY OTHERS				
162+80	RT.	COMMERCIAL - BY OTHERS				
164+76	LT.	MEDIAN	9			
178+42	LT.	FLINTWOOD	1.5			
178+58	RT.	STATE ROUTE	2			
180+06	RT.	TRUCKS	9			
182+73	RT.	LINWOOD	1.5			
183+67	LT.	WATCH FOR STOPPED VEHICLES	9			
185+41	RT.	CURVE	9			
189+32	LT.	13/15				1
190+27	LT.	MAPLE HILL LANE	1.5			
193+11	LT.	>	1.5			
193+80	LT.	COMMERCIAL - BY OTHERS				
194+21	LT.	TURKEY HILL LANE	1.5			
194+27	LT.	STOP	9			
194+71	LT.	COMMERCIAL - BY OTHERS				
194+93	LT.	<	5			
196+70	LT.	>	5			
198+24	LT.	<	5			
198+50	RT.	COMMERCIAL - BY OTHERS				
198+83	LT.	TRUCKS	9			
199+21	LT.	JEFFERSON ROAD				1
199+77	LT.	<	5			
202+46	LT.	<	5			
204+12	RT.	ADOPT A HIGHWAY				1
204+72	LT.	ADOPT A HIGHWAY				1
205+82	RT.	SAVE SITE	4			
206+00	LT.	STOP	9			
206+89	LT.	JEFFERSON ROAD	1.5			
207+35	LT.	COMMERCIAL - BY OTHERS				
207+44	LT.	SAVE SITE	4			
208+44	LT.	CURVE	9			
209+44	LT.	13/15				1
213+00	RT.	VLG OF FRBRG MUN. WATER SYS.	1.5			
213+17	LT.	JEFFERSON ROAD				1
230+92	RT.	VLG OF FRBRG MUN. WATER SYS.	1.5			
236+49	RT.	VLG OF FRBRG MUN. WATER SYS.	1.5			
240+37	RT.	VLG OF FRBRG MUN. WATER SYS.	1.5			
244+98	LT.	NO PASSING ZONE	5.6			
246+00	RT.	VLG OF FRBRG MUN. WATER SYS.	1.5			
247+95	RT.	NO PASSING ZONE	5.6			
254+25	RT.	BORDERLINE DRIVE	1.5			
254+46	RT.	ARROW LANE	1.5			
255+88	LT.	NO PASSING ZONE	5.6			
259+88	RT.	NO PASSING ZONE	5.6			
278+07	LT.	WATCH FOR STOPPED VEHICLES		16		
278+07	LT.	NO PASSING ZONE	4			
284+05	LT.	REDUCED SPEED AHEAD				1
290+91	RT.	PEABODY ROAD				1
TOTAL (RURAL)			235	34	3	7

REMOVING INLETS EACH

STATION	OFFSET	SIDE	EACH	
167+78	65	LT.	1	
243+11	3	LT.	1	
TOTAL (RURAL)				2
330+40	26	RT.	1	
331+49	25	RT.	1	
TOTAL (URBAN)				2

COMBINATION CURB AND GUTTER REMOVAL FOOT

STATION	TO	STATION	SIDE	LENGTH	
148+85		157+01	RT.	1638	
TOTAL (RURAL)					1638
334+44		334+59	LT.	35	
334+91		335+06	LT.	33	
335+25		335+39	LT.	33	
335+71		335+86	LT.	35	
TOTAL (URBAN)					136

SIGN REMOVAL

STATION	SIDE	DESCRIPTION	REMOVE SIGN PANEL TYPE 1 SQ FT	REMOVE SIGN PANEL TYPE 2 SQ FT	REMOVE SIGN PANEL ASSEMBLY TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH
296+49	RT.	SPEED LIMIT 40	7.5			
296+52	LT.	SPEED LIMIT 55	7.5			
297+53	LT.	PEABODY ROAD	1.5			
297+60	LT.	STOP	9			
298+57	LT.	VLG OF FRBRG MUN. WATER SYS.	3			
302+16	LT.	COMMERCIAL - BY OTHERS				
302+95	LT.	PEABODY ROAD				1
304+01	LT.	SPEED LIMIT 40	7.5			
304+04	RT.	SPEED LIMIT 40	7.5			
304+72	RT.	OLD FREEBURG ROAD	1.5			
305+18	RT.	COUNTY ROAD	4			
305+73	RT.	STOP	3			
306+40	RT.	13/15 & NO PARKING				1
306+56	LT.	13/15				1
306+55	LT.	NO PARKING	1.5			
307+39	RT.	ADOPT A HIGHWAY				1
309+32	RT.	FREEBURG, SPEED LIMIT 40				1
309+39	LT.	ADOPT A HIGHWAY				1
311+43	RT.	NO PARKING	1.5			
311+46	LT.	NO PARKING	1.5			
313+58	RT.	COMMERCIAL - BY OTHERS				
317+45	LT.	TOWN AND COUNTRY LANE	1.5			
317+92	RT.	SPEED LIMIT 35	5			
317+92	LT.	SPEED LIMIT 40	7.5			
318+01	RT.	NEIGHBOR. WATCH & BUCKLE UP				1
318+49	LT.	COMMERCIAL - BY OTHERS				
321+35	RT.	NO PARKING	1.5			
321+37	LT.	NO PARKING	1.5			
323+53	RT.	LANTER LANE	1.5			
326+19	LT.	NO PARKING	1.5			
326+23	RT.	NO PARKING	1.5			
329+03	RT.	NO PARKING	1.5			
329+08	LT.	NO PARKING	1.5			
331+65	RT.	NO PARKING	1.5			
331+70	LT.	NO PARKING	1.5			
332+67	LT.	STOP	9			
332+67	LT.	DEERFIELD COURT	1.5			
332+92	RT.	COMMERCIAL - BY OTHERS				
334+18	LT.	NO PARKING	1.5			
334+39	RT.	COMMERCIAL - BY OTHERS				
334+53	LT.	COMMERCIAL - BY OTHERS				
334+75	RT.	NO PARKING	1.5			
334+97	LT.	COMMERCIAL - BY OTHERS				
335+34	LT.	COMMERCIAL - BY OTHERS				
335+36	RT.	ROGERS DRIVE	1.5			
335+72	RT.	STOP	9			
335+76	LT.	COMMERCIAL - BY OTHERS				
TOTAL (URBAN)			108	0	3	4

BITUMINOUS SHOULDER REPAIR

DESCRIPTION	TON	
BIT. SHOULDERS SUPERPAVE 12"	24	
BIT. SHOULDERS SUPERPAVE 8"	445	
TOTAL (RURAL)		469
BIT. SHOULDERS SUPERPAVE 12"	11	
BIT. SHOULDERS SUPERPAVE 8"	70	
TOTAL (URBAN)		81

NOTE: BITUMINOUS SHOULDER REPAIR ESTIMATED AS 2% OF RURAL AND URBAN SHOULDER AREAS

PAVED SHOULDER REMOVAL SQ YD

STATION	TO	STATION	SIDE OF EXISTING PVM	AREA	
153+92		292+57	LT.	5330	
153+92		292+57	RT.	5112	
TOTAL (RURAL)					10442
292+57		338+10	LT.	1416	
292+57		338+10	RT.	1801	
TOTAL (URBAN)					3217

CURB REMOVAL FOOT

STATION	TO	STATION	SIDE	LENGTH	
331+16		331+50	RT.	59	
331+10		331+32	RT.	36	
TOTAL (URBAN)					95

STORM SEWER REMOVAL FOOT

STATION	OFFSET	SIDE	12"	24"	27"			
329+94	28	RT.		92				
330+95	25	RT.		109				
332+20	25	RT.		140				
333+38	29	RT.		96				
333+85	3	RT.			58			
334+29	28	RT.	87					
335+27	25	RT.	110					
TOTAL (URBAN)						197	437	58

STRIP REFLECTIVE CRACK CONTROL TREATMENT FOOT

STATION	TO	STATION	SIDE	STRIP REFLECTIVE CRACK CONTROL TREATMENT	
162+00.00		190+50.00	LT.	6215	
201+50.00		218+50.00	LT.	3400	
207+24.66		212+61.26	LT.	537	
230+00.00		233+60.00	RT.	720	
239+45.00		262+10.00	RT.	4530	
271+90.00		285+25.00	LT.	2670	
TOTAL (RURAL)					18072
292+57.12		336+00.00	LT.	4343	
292+57.12		336+00.00	RT.	4343	
TOTAL (RURAL)					8686

BIAxIAL GEOGRID

STATION	TO	STATION	LOCATION	NUMBER OF 9' WIDE GEOGRID LIFTS	AREA OF GEOGRID X # OF LIFTS SQ YD	
195+90		196+50	LT. OUTSIDE	16	960	
196+50		197+00	LT. OUTSIDE	16	800	
193+50		194+00	RT. OUTSIDE	12	600	
194+00		194+50	RT. OUTSIDE	14	700	
194+50		195+00	RT. OUTSIDE	14	700	
195+00		195+50	RT. OUTSIDE	15	750	
195+50		196+00	RT. OUTSIDE	15	750	
196+00		196+25	RT. OUTSIDE	15	375	
TOTAL (RURAL)						5635

GUARDRAIL

STATION	TO	STATION	SIDE	STEEL PLATE BEAM GUARD RAIL, TYPE A (FOOT)	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) (EACH)	TRAFFIC BARRIER TER. TYPE 2, (EACH)			
196+00.00		198+75.00	LT.	212.5	1	1			
193+12.50		196+75.00	RT.	300.0	1	1			
TOTAL (RURAL)							512.5	2	2

PAVEMENT REMOVAL SQ YD

STAGE	STATION	TO	STATION	SIDE	AREA	
1	153+92.00		158+50.00	RT.	810	
2	167+70.52		167+92.52	LT.	68	
	185+05.12		185+27.12	LT.	66	
	190+50.00		201+50.00	LT.	2889	
	202+64.02		202+86.02	LT.	15	
	210+67.19		210+83.12	LT.	12	
	215+67.35		215+80.45	LT.	103	
	216+43.15		216+65.15	LT.	59	
	218+50.00		222+20.00	LT.	904	
	267+00.00		271+90.00	LT.	1201	
	274+47.70		274+53.00	LT.	15	
	285+25.00		290+00.00	LT.	1102	
	290+00.00		292+50.00	LT.	613	
			JEFFERSON	LT.	320	
3	158+50.00		161+50.00	LT.	1088	
	222+20.00		230+00.00	RT.	1872	
	233+60.00		239+45.00	RT.	1428	
	242+99.82		243+21.82	LT.	28	
	262+10.00		266+50.00	RT.	1191	
TOTAL (RURAL)						13784
1	OLD FREEBURG			RT.	282	
	328+28.67		328+57.57	L&RT.	343	
	333+82.71		333+86.71	L&RT.	10	
2	PEABODY			LT.	72	
	300+78.02		301+02.92	LT.	47	
TOTAL (URBAN)						754

CONCRETE MEDIAN SURFACE REMOVAL SQ FT

STATION	TO	STATION	AREA	
148+84.93		157+00.91	7483	
TOTAL (RURAL)				7483

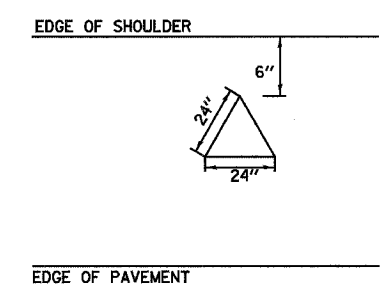
DRIVEWAY PAVEMENT REMOVAL SQ YD

STATION	SIDE	AREA	
162+48	RT.	350.5	
198+59	RT.	607.0	
199+10	RT.	259.0	
262+77	RT.	111.4	
274+81	LT.	152.1	
TOTAL (RURAL)			1480
301+47			

PERMANENT SEEDING AND MULCH STAGE 2
 ACRES

STATION	TO	STATION	SIDE	SEEDING CLASS 2	MULCH METHOD 2	SODDING SQ YD
149+00.00		153+96.18	ML-LT.	0.91	0.21	
154+25.05		163+67.54	ML-LT.	1.33	1.33	
162+00.00		180+06.64	ML-MED.	1.27	1.27	
163+87.48		180+37.94	ML-LT.	1.92	1.92	
180+75.96		205+85.95	ML-LT.	3.29	3.29	
181+07.27		205+86.52	ML-MED.	1.94	1.94	
182+60.17		182+80.95	ML-RT.	0.02	0.02	
206+85.99		214+40.00	ML-LT.	0.75	0.75	
206+87.13		223+03.74	ML-MED.	1.24	1.24	
214+60.00		231+82.00	ML-LT.	2.25	2.25	
223+03.75		231+62.95	ML-MED.	0.53	0.53	
252+15.00		276+38.00	ML-MED.	1.89	1.89	
265+44.54		268+16.05	ML-LT.	0.28	0.28	
268+28.05		276+90.00	ML-LT.	0.87	0.87	
277+38.73		292+50.70	ML-MED.	0.79	0.79	
277+76.47		292+50.70	ML-LT.	1.41	1.41	
010+99.00		013+75.00	AC-RT. 1	0.15	0.15	
21+07.26		23+50.00	A.C.-L1-LT.	0.15	0.15	
21+07.26		23+50.00	A.C.-L1-RT.	0.14	0.14	
104+40.49		109+32.24	A.C.-L1A-LT.	0.32	0.32	
109+47.24		110+23.93	A.C.-L1A-LT.	0.03	0.03	
110+36.23		112+25.60	A.C.-L1A-LT.	0.11	0.11	
112+37.60		113+92.65	A.C.-L1A-LT.	0.14	0.14	
114+08.83		118+50.00	A.C.-L1A-LT.	0.36	0.36	
97+62.20		99+36.62	A.C.-R2A-RT.	0.13	0.13	
96+81.49		97+53.74	A.C.-R2A-RT.	0.09	0.09	
97+68.87		99+23.54	A.C.-R2A-RT.	0.11	0.11	
96+88.99		97+56.23	A.C.-R2A-RT.	0.05	0.05	
98+07.50		99+60.00	PEABODY RD.-RT.	0.13	0.13	
97+00.00		97+92.50	PEABODY RD.-RT.	0.12	0.12	
97+00.00		98+87.57	PEABODY RD.-LT.	0.32	0.32	
TOTAL (RURAL)				23.04	23.04	
292+50.70		297+29.82	ML-LT.	0.34	0.34	
298+18.38		298+93.95	ML-LT.	0.04	0.04	
299+27.08		300+28.44	ML-LT.	0.06	0.06	
300+52.44		300+99.23	ML-LT.	0.02	0.02	
301+09.23		301+36.13	ML-LT.	0.02	0.02	
301+57.43		303+03.69	ML-LT.	0.09	0.09	
303+22.11		306+69.50	ML-LT.	0.21	0.21	
306+94.50		307+98.05	ML-LT.	0.06	0.06	
308+18.05		317+23.55	ML-LT.	0.56	0.56	
317+33.62		318+97.52	ML-LT.			491.8
319+24.75		319+87.36	ML-LT.			242.3
320+13.00		322+41.39	ML-LT.			669.0
322+75.05		327+38.36	ML-LT.			648.7
327+72.29		330+05.48	ML-LT.			339.0
330+35.71		332+70.91	ML-LT.			343.7
333+02.14		334+58.45	ML-LT.			228.9
334+91.55		335+38.55	ML-LT.			70.5
335+71.52		338+10.15	ML-LT.			545.3
TOTAL (URBAN)				1.45	1.45	3579

UNDERDRAIN HEADWALL MARKER DETAIL
 SOLID WHITE THERMOPLASTIC TRIANGLE



PERMANENT SEEDING AND MULCH STAGE 1
 ACRES

STATION	TO	STATION	SIDE	SEEDING CLASS 2	MULCH METHOD 2	SODDING SQ YD
149+00.00		162+35.29	ML-RT.	1.75	1.75	
163+36.04		180+37.93	ML-RT.	2.61	2.61	
180+98.30		182+65.67	ML-RT.	0.32	0.32	
182+76.20		192+69.85	ML-RT.	1.38	1.38	
192+91.66		206+20.83	ML-RT.	1.78	1.78	
206+52.83		218+30.89	ML-RT.	2.10	2.10	
232+23.25		233+00.00	ML-RT.	0.08	0.08	
232+32.29		265+24.54	ML-LT.	4.10	4.10	
232+63.55		251+43.99	MED.	1.53	1.53	
251+97.66		276+43.88	ML-RT.	2.96	2.96	
276+53.06		292+45.64	ML-RT.	1.72	1.72	
20+48.74		23+45.00	AC. RI-LT	0.15	0.15	
10+98.68		13+75.00	AC. RI-RT	0.17	0.17	
97+56.44		111+87.78	AC. R1A-RT.	0.88	0.88	
100+59.00		103+70.00	AC. R3-RT.	0.20	0.20	
103+90.98		104+19.80	AC. R3-RT.	0.02	0.02	
104+33.79		107+77.16	AC. R3-RT.	0.27	0.27	
107+89.16		108+65.10	AC. R3-RT.	0.04	0.04	
100+45.61		104+30.90	AC. L1A-LT.	0.16	0.16	
86+77.96		88+20.08	AC. L2-LT.	0.10	0.10	
88+30.08		92+39.80	AC. L2-LT.	0.34	0.34	
92+54.37		94+83.08	AC. L2-LT.	0.19	0.19	
94+97.63		98+13.56	AC. L2-LT.	0.31	0.31	
98+28.68		102+17.84	AC. L2-LT.	0.29	0.29	
102+34.57		105+20.89	AC. L2-LT.	0.12	0.12	
105+35.64		109+22.76	AC. L2-LT.	0.27	0.27	
109+37.76		112+89.36	AC. L2-LT.	0.27	0.27	
113+04.36		115+93.67	AC. L2-LT.	0.20	0.20	
116+10.17		116+40.00	AC. L2-LT.	0.01	0.01	
93+31.54		93+73.36	AC. L3-LT.	0.02	0.02	
93+91.36		96+54.05	AC. L3-LT.	0.18	0.18	
96+64.34		99+41.00	AC. L3-LT.	0.29	0.29	
TOTAL (RURAL)				24.83	24.83	
292+45.64		293+06.68	ML-RT.	0.07	0.07	
293+27.20		305+22.18	ML-RT.	0.93	0.93	
305+62.18		308+21.95	ML-RT.	0.27	0.27	
308+44.80		314+45.66	ML-RT.	0.37	0.37	
314+75.66		317+11.76	ML-RT.	0.15	0.15	
317+37.13		323+10.14	ML-RT.			2461.2
322+84.92		323+18.84	ML-RT.			37.3
323+29.03		324+45.47	ML-RT.			604.6
324+72.94		327+45.05	ML-RT.			1154.2
327+64.06		329+81.36	ML-RT.			354.1
329+93.36		331+32.59	ML-LT.			442.8
331+50.28		332+25.63	ML-RT.			258.7
332+51.57		333+34.48	ML-RT.			253.8
333+61.70		334+39.42	ML-LT.			224.2
334+59.43		335+38.80	ML-RT.			133.6
335+69.20		338+09.88	ML-RT.			321.9
TOTAL (URBAN)				1.79	1.79	6246

PERMANENT SEEDING AND MULCH STAGE 3
 ACRES

STATION	TO	STATION	SIDE	SEEDING CLASS 2	MULCH METHOD 2	SODDING SQ YD
218+45.59		232+03.25	ML-RT.	1.58	1.58	
221+40.00		225+53.97	ML-MED.	0.15	0.15	
233+00.00		251+13.56	ML-RT.	2.26	2.26	
TOTAL (RURAL)				4.00	4.00	

NUTRIENT AND SUPPLEMENTAL WATER APPLICATION RATES
 NITROGEN FERTILIZER - 60 LBS/ACRE
 PHOSPHORUS FERTILIZER - 60 LBS/ACRE
 POTASSIUM FERTILIZER - 60 LBS/ACRE
 SUPPLEMENTAL WATER - QUANTITY BASED ON 3 GALLON/SQ YD FOR
 SODDING TIMES FIFTEEN APPLICATIONS

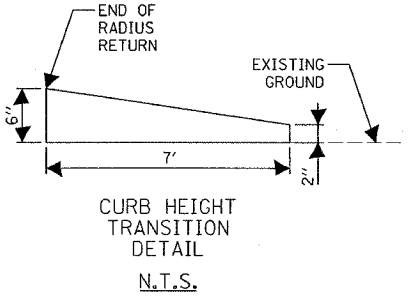
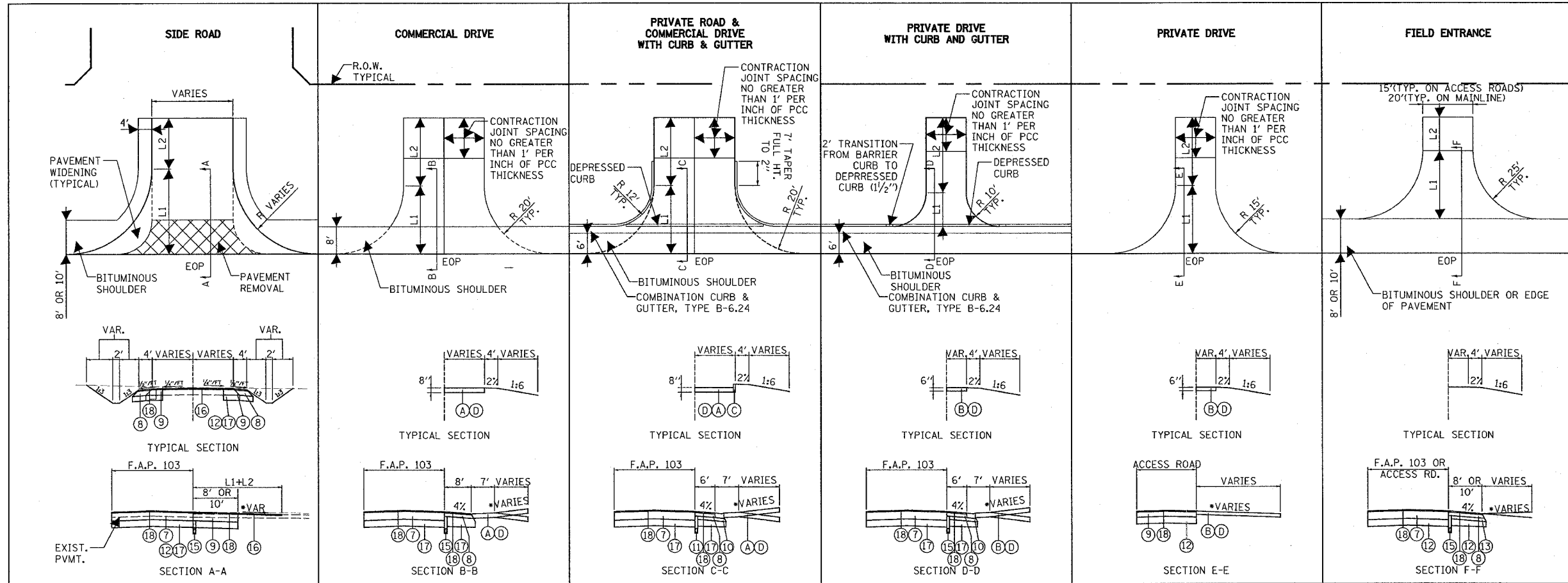
PIPE UNDERDRAINS SPECIAL (CONT.)

STATION	SIDE	PIPE UNDERDRAINS 6" SPECIAL FOOT	PIPE UNDERDRAINS 8" SPECIAL FOOT	PIPE DRAINS CONCRETE HEADWALLS EACH	RODENT SHIELD	OUTLET LOCATION	THPL. PVT. MK. LTR. & SYM.
255+00	RT.	14.3		1	1	MEDIAN DITCH	1.8
255+00	LT.	14.3		1	1	LEFT DITCH	1.8
257+50	LT.	14.1		1	1	LEFT DITCH	1.8
257+50	RT.	14.1		1	1	RIGHT DITCH	1.8
260+00	RT.	11.6		1	1	MEDIAN DITCH	1.8
260+00	LT.	11.6		1	1	MEDIAN DITCH	1.8
260+00	LT.	14.3		1	1	LEFT DITCH	1.8
260+00	RT.	14.3		1	1	RIGHT DITCH	1.8
262+50	LT.	14.1		1	1	LEFT DITCH	1.8
262+50	RT.	14.1		1	1	RIGHT DITCH	1.8
265+00	RT.	10.6		1	1	MEDIAN DITCH	1.8
265+00	LT.	10.6		1	1	MEDIAN DITCH	1.8
265+00	RT.	14.3		1	1	RIGHT DITCH	1.8
265+00	LT.	14.3		1	1	LEFT DITCH	1.8
270+00	RT.	10.6		1	1	MEDIAN DITCH	1.8
270+00	LT.	10.6		1	1	MEDIAN DITCH	1.8
270+00	RT.	14.3		1	1	RIGHT DITCH	1.8
270+00	LT.	14.3		1	1	LEFT DITCH	1.8
275+00	RT.	14.3		1	1	RIGHT DITCH	1.8
276+00	LT.	17.0		1	1	MEDIAN INLET	1.8
276+00	RT.	16.4		1	1	MEDIAN INLET	1.8
276+00	LT.	14.1		1	1	LEFT DITCH	1.8
280+00	RT.	14.1		1	1	MEDIAN DITCH	1.8
280+00	LT.	14.1		1	1	MEDIAN DITCH	1.8
280+00	LT.	36.0				LEFT DITCH	0.0
280+00	RT.	66.6		1	1	LEFT DITCH	1.8
283+00	RT.	14.1		1	1	RIGHT DITCH	1.8
283+00	LT.	14.1		1	1	LEFT DITCH	1.8
285+00	RT.	14.3		1	1	RIGHT DITCH	1.8
285+00	LT.	14.3		1	1	LEFT DITCH	1.8
288+30	RT.		17.0	1	1	MEDIAN INLET	1.8
288+30	LT.		17.0	1	1	MEDIAN INLET	1.8
290+00	RT.	14.3		1	1	RIGHT DITCH	1.8
290+00	LT.	14.3		1	1	LEFT DITCH	1.8
TOTAL (RURAL)		1793	34	134	134		241.2
295+00	RT.	14.3		1	1	RIGHT DITCH	1.8
295+00	LT.	14.3		1	1	LEFT DITCH	1.8
297+25	LT.	16.0		1	1	LEFT DITCH	1.8
300+00	RT.	12.4		1	1	RIGHT DITCH	1.8
300+00	LT.	10.6		1	1	LEFT DITCH	1.8
304+50	RT.	10.6		1	1	RIGHT DITCH	1.8
305+00	LT.	10.6		1	1	LEFT DITCH	1.8
310+00	RT.	10.6		1	1	RIGHT DITCH	1.8
310+00	LT.	10.6		1	1	LEFT DITCH	1.8
315+00	RT.	10.6		1	1	RIGHT DITCH	1.8
315+00	LT.	10.6		1	1	LEFT DITCH	1.8
319+50	RT.	10.6		1	1	RIGHT DITCH	1.8
319+50	LT.	10.6		1	1	LEFT DITCH	1.8
324+50	LT.	8.6				INLET	0.0
325+00	RT.	9.6		1	1	RIGHT DITCH	1.8
329+50	RT.	11.2		1	1	RIGHT DITCH	1.8
329+90	LT.	7.5				INLET	0.0
331+10	RT.	5.4				INLET	0.0
334+24.34	RT.	7.5				INLET	0.0
334+40	LT.	7.5				INLET	0.0
335+82.44	RT.	6.3				INLET	0.0
TOTAL (URBAN)		216		15	15		27.0

PIPE UNDERDRAINS FOOT

STATION	TO	STATION	SIDE	PIPE UNDER DRAIN 6"	PIPE UNDER DRAIN 8"
150+00		205+61.19	LT.	5561.2	
207+00		292+57	LT.	8557.0	
150+00		292+57	RT.	14257.0	
167+81.52		179+71.05	MED. LT.	1189.5	
182+76.28		205+50.93	MED. LT.	2274.7	
207+50		231+27.36	MED. LT.	2377.4	
233+00		250+92.35	MED. LT.	1792.4	

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.)

ENTRANCE AND SIDEROAD SCHEDULE

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						
C.E.	LT.	319+11.47	26.0	23.2	20.9			103.6	32.8	11.6						55.3
C.E.	LT.	320+00.00	25.0	21.1	16.4			85.6	27.1	9.6						43.8
C.E.	LT.	322+58.22	31.0	20.2	16.4			100.4				100.4	50			54.8
C.E.	RT.	323+22.83	VAR.	59.3	N/A			265.6	265.6							119.8
C.E.	RT.	324+51.39	30.0	40.1	29.1			222.7	70.5	24.9						96.2
C.E.	RT.	327+53.66	20.0	20.0	43.3			126.2				126.2				38.3
C.E.	LT.	327+55.12	33.0	20.1	0.6			47.8				47.8	36			56.2
P.E.	RT.	329+87.40	12.0	10.0	32.2			60.1	19.0	6.7						37.0
C.E.	LT.	330+20.59	30.0	20.0	2.5			49.5				49.5	36			34.7
P.E.	RT.	331+41.74	18.0	10.0	32.9			87.0	27.5		87.0					48.5
C.E.	RT.	332+38.39	25.0	20.7	33.7			132.4	41.9	14.8						66.7
C.E.	LT.	332+86.52	30.0	20.0	7.0			64.4				64.4	50			42.3
C.E.	RT.	333+48.39	27.0	20.7	26.1			116.5	36.9	13.1						60.2
C.E.	RT.	334+49.43	20.0	20.0	4.5			26.2	8.3	2.9						23.2
C.E.	LT.	334+74.89	32.0	20.0	21.2			118.6	37.6	13.3						60.0
S.R.	RT.	335+53.94	22.4	31.7	10.3			147.5	147.5							43.3
C.E.	LT.	335+55.12	32.0	20.0	21.2			118.5	37.5	13.3						59.8
C.E.	RT.	336+20.27		OMITTED				0.0	0.0	0.0						0.0
C.E.	RT.	337+59.77		OMITTED				0.0	0.0	0.0						0.0
F.E.	RT.	PEABODY RD.	15.0	25.0												
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: DATE **February 11, 2005** DRAWN BY **YBA** CHECKED BY **RCY**

PIPE CULVERTS (TEMP.)												
FOOT												
STAGE	STATION	OFFSET	SIDE	TO	STATION	OFFSET	SIDE	PIPE CULVERTS CLC T1 12"	PIPE CULVERTS CLC T1 15"	PIPE CULVERTS CLC T1 18"	PIPE CULVERTS CLC T1 24"	PIPE CULVERTS CLC T1 30"
1	182+28.22	78.0	LT.		182+68.21	78.6	LT.	40.0				
1	182+40.90	0.7	RT.		182+80.90	0.1	RT.	40.0				
1	182+49.29	91.4	RT.		182+89.29	90.8	RT.	40.0				
2	187+32.38	77.1	LT.		187+84.31	77.9	LT.	52.0				
2	187+35.31	0.4	RT.		187+87.24	0.4	LT.	52.0				
1	188+20.52	10.7	LT.		188+80.30	11.6	LT.	60.0				
1	188+50.14	77.4	RT.		188+71.19	77.1	RT.	21.0				
2	190+15.74	78.8	LT.		190+65.08	80.3	LT.		52.0			
2	190+18.68	0.2	LT.		190+70.65	0.1	LT.		52.0			
1	197+60.26	88.4	RT.		198+36.56	83.6	RT.			72.0		
1	211+93.48	1.1	LT.		212+52.58	0.2	RT.		59.0			
1	211+94.69	70.6	LT.		212+53.80	69.3	LT.		59.0			
1	211+97.77	79.9	RT.		212+56.87	81.2	RT.		59.0			
2	214+20.20	3.1	RT.		214+79.31	4.4	RT.	59.0				
1	217+13.32	80.6	RT.		217+53.62	82.0	RT.				40.0	
1	217+86.91	0.0	RT.		218+20.23	0.0	RT.		33.0			
1	218+56.79	86.3	LT.		218+97.10	84.9	LT.					40.0
1	220+47.81	81.0	LT.		220+81.45	79.8	LT.					34.0
1	223+51.54	82.1	LT.		224+65.98	0.5	RT.				144.0	
1	229+39.36	82.5	LT.		229+79.36	83.0	LT.				40.0	
1	229+49.79	10.4	RT.		229+89.78	9.9	RT.				40.0	
1	237+13.43	84.2	LT.		237+53.42	84.7	LT.	40.0				
1	237+14.49	3.4	RT.		237+54.49	2.9	RT.	40.0				
1	247+81.65	84.3	LT.		248+21.65	84.8	LT.		40.0			
1	247+82.57	8.5	LT.		248+22.57	9.0	LT.		40.0			
1	253+87.56	67.7	RT.		254+61.12	66.4	RT.	74.0				
1	257+94.65	71.6	RT.		258+19.25	71.6	RT.		25.0			
1	258+77.29	71.6	RT.		259+03.15	71.6	RT.		26.0			
2	265+08.85	9.6	LT.		265+67.96	10.8	LT.		59.0			
2	268+00.83	0.9	LT.		268+59.94	2.0	LT.		59.0			
2	272+78.90	2.4	LT.		273+38.05	2.0	LT.			59.0		
1	272+84.19	71.2	LT.		273+14.81	71.4	LT.			30.0		
TOTAL (RURAL)								518	563	161	264	74

BITUMINOUS SHOULDERS SUPERPAVE 8"				
SQ YD				
STATION	TO	STATION	LOCATION	BIT SHLDR SUPERPAVE 8" SQ YD
153+92.00		162+76.58	EB OUTSIDE	970.2
163+68.45		179+66.97	EB OUTSIDE	1763.4
181+44.26		195+00.00	EB OUTSIDE	1486.4
195+00.00		205+71.83	EB OUTSIDE	1160.4
207+01.83		211+00.00	EB OUTSIDE	442.4
211+00.00		216+40.22	EB OUTSIDE	600.3
217+57.09		221+00.00	EB OUTSIDE	381.0
221+00.00		235+00.00	EB OUTSIDE	1519.3
235+00.00		251+13.66	EB OUTSIDE	1792.7
252+43.66		270+00.00	EB OUTSIDE	1924.2
270+00.00		285+00.00	EB OUTSIDE	1672.2
285+00.00		292+57.00	EB OUTSIDE	843.6
153+92.00		162+73.74	WB OUTSIDE	966.7
163+65.93		179+91.93	WB OUTSIDE	1766.0
181+10.04		205+48.99	WB OUTSIDE	2760.3
205+48.99		206+23.99	JEFFERSON	69.1
206+49.66		212+61.26	WB OUTSIDE	381.1
212+61.26		231+31.15	WB OUTSIDE	2103.9
233+03.23		250+00.00	WB OUTSIDE	1885.2
250+00.00		276+23.42	WB OUTSIDE	2915.1
277+53.42		292+57.00	WB OUTSIDE	1667.7
163+00.00		180+10.64	EB MEDIAN	1023.8
181+03.27		195+00.00	EB MEDIAN	918.4
195+00.00		205+90.52	EB MEDIAN	590.4
206+83.13		221+00.00	EB MEDIAN	936.7
221+00.00		223+33.59	EB MEDIAN	168.0
223+33.59		231+66.95	EB MEDIAN	408.4
232+59.56		251+49.07	EB MEDIAN	1251.9
252+11.08		265+00.00	EB MEDIAN	858.0
265+00.00		276+42.12	EB MEDIAN	643.3
277+34.73		292+50.55	EB MEDIAN	1003.0
161+84.00		180+10.64	WB MEDIAN	1208.5
181+03.27		195+00.00	WB MEDIAN	819.0
195+00.00		205+90.52	WB MEDIAN	726.7
206+83.13		223+03.74	WB MEDIAN	983.7
223+03.74		225+53.97	WB MEDIAN	173.3
225+53.97		231+66.95	WB MEDIAN	400.8
232+59.56		251+49.07	WB MEDIAN	1153.0
252+11.08		276+42.12	WB MEDIAN	1493.3
277+34.73		292+51.17	WB MEDIAN	893.2
162+40.82		163+08.00	AC RT. 1 SB	167.0
163+32.00		164+04.89	AC RT. 1 NB	184.1
162+37.53		163+08.00	AC LT. 1 NB	162.2
163+32.00		164+02.00	AC LT. 1 SB	162.0
178+97.72		179+91.93	AC LT. 1A INSIDE	126.4
181+13.50		182+35.42	AC LT. 1A INSIDE	123.1
178+79.44		182+42.28	AC LT. 1A INSIDE	161.4
179+66.97		178+77.67	AC RT. 1A OUTSIDE	0
181+44.26		182+60.06	AC RT. 1A INSIDE	0
178+67.83		182+67.51	AC RT. 1A OUTSIDE	0
205+49.83		206+22.83	AC RT. 2 LEFT	163.8
207+23.83		206+50.83	AC RT. 2 RIGHT	163.8
216+11.66		215+85.61	AC RT. 2A INSIDE	155.7
217+85.66		218+16.66	AC RT. 2A INSIDE	158.4
215+93.59		218+16.66	AC RT. 2C OUTSIDE	99.6
216+24.22		219+03.99	AC LT. 2 OUTSIDE	176.6
217+77.55		219+21.92	AC LT. 2 INSIDE	165.7
221+31.15		230+11.93	RT.	632.7
223+00.00		225+60.00	LT.	349.4
231+31.15		230+11.93	AC LT. 2 INSIDE	140.7
233+03.23		234+14.68	AC LT. 2 INSIDE	162.4
230+02.70		234+15.60	AC LT. 2 OUTSIDE	187.8
251+13.57		253+46.29	AC RT. 3 OUTSIDE	151.1
252+46.66		253+74.94	AC RT. 3 INSIDE	142.5
263+00.00		266+50.00	RT.	614.7
276+23.42		274+73.17	AC LT. 3 INSIDE	144.9
277+53.42		274+86.73	AC LT. 3 OUTSIDE	161.5
286+53.73		290+14.18	LT.	93.3
TOTAL (RURAL)				4967.5
292+57.00		297+09.08	LT.	504.5
298+60.57		320+92.40	LT.	1978.6
320+92.30		336+00.00	LT.	998.5
336+00.00		338+10.00	LT. AND RT.	186.8
304+76.90		305+30.18	OLD FREEBURG	72.9
305+54.18		305+98.19	OLD FREEBURG	96.3
297+09.08		297+74.08	PEABODY	62.4
298+10.57		298+60.57	PEABODY	52.4
292+57.00		296+80.00	RT.	468.0
296+80.00		304+78.73	RT.	981.3
305+92.22		307+40.00	RT.	135.6
307+40.00		323+06.44	RT.	1399.2
323+59.36		328+00.00	RT.	391.6
328+00.00		335+27.74	RT.	483.9
335+84.63		336+00.00	RT.	10.8
TOTAL (URBAN)				7823

NOTE: BITUMINOUS SHOULDER REPAIR ESTIMATED AS 2% OF RURAL AND URBAN SHOULDER AREAS
 * ACCESS ROAD RT. 1A SHOULDERS SHALL BE PAID FOR AS FULL DEPTH PAVEMENT. SEE FULL DEPTH PAVEMENT SCHEDULE.

TEMPORARY CONCRETE BARRIER AND IMPACT ATTENUATORS											
STATION	TO	STATION	STAGE	TCB FOOT	BARRIER WALL MARKER EACH	6" WHITE PAINT FOOT	6" YELLOW PAINT FOOT	RELOCATE TCB FOOT	IMPACT ATTENUATOR EACH	RELOCATE ATTENUATOR EACH	REMARKS
242+30		244+00	1	170	51	170			2		REMAINS IN STAGE 2
273+50		275+00	1	150	45	150			2		
287+40		288+90	1	150	45	150			2		
167+50		169+00	2					150		2	
184+50		186+00	2					150		2	
195+45		197+25	2	180	54	180			2		
215+05		217+25	2	220	66	220			2		REMAINS IN STAGE 3
274+00		274+80	2	80	24	80			2		
215+05		217+25	3				220				REPAINTED ONLY
TOTAL (RURAL)				950	285	950	220	300	12	4	
300+05		301+35	1	130	39	130			2		
299+90		301+80	2	60	18	60		130		2	
TOTAL (URBAN)				190	57	190	0	130	2	2	

SUB-BASE GRANULAR MATERIAL, TYPE C				
TON				
STATION	TO	STATION	LOCATION	TON
153+92.00		162+76.58	EB OUTSIDE	415.7
163+68.45		179+66.97	EB OUTSIDE	675.1
181+44.26		195+00.00	EB OUTSIDE	569.4
195+00.00		205+71.83	EB OUTSIDE	445.2
207+01.83		211+00.00	EB OUTSIDE	169.2
211+00.00		216+40.22	EB OUTSIDE	229.6
217+57.09		221+00.00	EB OUTSIDE	145.7
221+00.00		235+00.00	EB OUTSIDE	582.8
235+00.00		251+13.66	EB OUTSIDE	685.7
252+43.66		270+00.00	EB OUTSIDE	737.2
270+00.00		285+00.00	EB OUTSIDE	639.4
285+00.00		292+57.00	EB OUTSIDE	322.6
153+92.00		162+73.74	WB OUTSIDE	370.3
163+65.93		179+91.93	WB OUTSIDE	677.3
181+10.04		205+48.99	WB OUTSIDE	1053.5
205+48.99		206+23.99	JEFFERSON	69.1
206+49.66		212+61.26	WB OUTSIDE	381.1
212+61.26		231+31.15	WB OUTSIDE	2103.9
233+03.23		250+00.00	WB OUTSIDE	721.1
250+00.00		276+23.42	WB OUTSIDE	1115.0
277+53.42		292+57.00	WB OUTSIDE	638.0
163+00.00		180+10.64	EB MEDIAN	431.1
181+03.27		195+00.00	EB MEDIAN	379.8
195+00.00		205+90.52	EB MEDIAN	253.8
206+83.13		221+00.00	EB MEDIAN	387.0
221+00.00		223+33.59	EB MEDIAN	68.4
223+33.59		231+66.95	EB MEDIAN	179.5
232+59.56		251+49.07	EB MEDIAN	517.0
252+11.08		265+00.00	EB MEDIAN	354.0
265+00.00		276+42.12	EB MEDIAN	274.2
277+34.73		292+50.55	EB MEDIAN	414.3
161+84.00		180+10.64	WB MEDIAN	499.2
181+03.27		195+00.00	WB MEDIAN	346.2
195+00.00		205+90.52	WB MEDIAN	299.8
206+83.13		223+03.74	WB MEDIAN	413.0
223+03.74		225+53.97	WB MEDIAN	71.0
225+53.97		231+66.95	WB MEDIAN	165.9
232+59.56		251+49.07	WB MEDIAN	483.6
252+11.08		276+42.12	WB MEDIAN	625.5
277+34.73		292+51.17	WB MEDIAN	377.3
TOTAL (RURAL)				17696

TEMPORARY AND PROPOSED SIDEWALK				
SQ FT				
STATION	TO	STATION	SIDE	AREA (SQ FT)
329+94		330+05.5	LT.	46
329+93.75		329+99.07	RT.	14
332+61.5		332+71.5		

LIME MODIFIED SOILS

STATION	TO	STATION	LOCATION	PROCESSING LIME MOD. SOILS 12" SQ YD	WATER UNIT	LIME TON
STAGE 1						
153+92		180+57	EB PAVT/SHLDR	11956	179.3	230.3
10+27		13+93	RT. 1 ACCESS	1168	17.5	22.5
97+57		111+88	RT. 1A ACCESS	5520	82.8	106.3
99+86		105+00	LT. 1A ACCESS	2083	31.2	40.1
180+57		206+37	EB PAVT/SHLDR	12371	185.6	238.3
180+57		190+50	WB MEDIAN SHLDR	663	9.9	12.8
201+50		206+37	WB MEDIAN SHLDR	389	5.8	7.5
100+60		103+49	RT. 2 ACCESS	3132	47.0	60.3
206+37		223+00	EB PAVT/SHLDR	8957	134.4	172.5
206+37		218+50	WB MEDIAN SHLDR	2140	32.1	41.2
82+00, 13 15		116+55	LT. 2 ACCESS	10400	156.0	200.3
223+00		232+13	WB PAVT/SHLDR	4376	65.6	84.3
232+13		251+79	WB PAVT/SHLDR	9730	146.0	187.4
100+60		110+33	RT. 3 ACCESS	2754	41.3	53.0
251+79		265+10	WB PAVT/SHLDR	6801	102.0	131.0
266+50		276+88	EB PAVT/SHLDR	5439	81.6	104.8
93+32		95+00	LT. 3 ACCESS	364	5.5	7.0
95+00		99+41	TEMP PVMT CL	1598	24.0	30.8
276+88		292+57	EB PAVT/SHLDR	7386	110.8	142.3
148+83		158+50	TEMP PVMT CL	988	14.8	19.0
158+75		161+19	TEMP PVMT CL	233	3.5	4.5
211+00		221+00	TEMP PVMT RT	1222	18.3	23.5
SUBTOTAL - STAGE 1				99670	1495.1	1919.6
STAGE 2						
162+00		180+57	WB OUTSIDE SHLDR	2274	34.1	43.8
162+00		180+57	WB MEDIAN SHLDR	1445	21.7	27.8
163+90		168+94	WB TURN LANE	506	7.6	9.7
180+57		190+50	WB OUTSIDE SHLDR	1172	17.6	22.6
20+49		23+45	LT. 1 ACCESS	1033	15.5	19.9
105+00		118+00	LT. 1A ACCESS	3157	47.4	60.8
190+50		201+50	WB PAVT/SHLDR	5313	79.7	102.3
201+50		205+61	WB OUTSIDE SHLDR	514	7.7	9.9
206+50		218+50	WB OUTSIDE SHLDR	1046	15.7	20.1
218+50		223+00	WB PAVT/SHLDR	2117	31.8	40.8
223+00		225+60	WB MEDIAN SHLDR	210	3.2	4.0
265+10		271+90	WB PAVT/SHLDR	3190	47.9	61.4
271+90		276+88	WB MEDIAN SHLDR	396	5.9	7.6
271+90		276+88	WB OUTSIDE SHLDR	616	9.2	11.9
95+00		96+63	LT. 3 ACCESS	379	5.7	7.3
276+88		285+25	WB MEDIAN SHLDR	538	8.1	10.4
276+88		285+25	WB OUTSIDE SHLDR	1038	15.6	20.0
285+25		292+57	WB PAVT/SHLDR	3439	51.6	66.2
223+00		225+60	TEMP PVMT LT	202	3.0	3.9
SUBTOTAL - STAGE 2				28585	428.8	550.5
STAGE 3						
223+00		230+00	EB PAVT/SHLDR	3600	54.0	69.3
230+00		233+60	EB MEDIAN SHLDR	221	3.3	4.3
230+00		233+60	EB OUTSIDE SHLDR	447	6.7	8.6
233+60		239+45	EB PAVT/SHLDR	2752	41.3	53.0
239+45		262+10	EB MEDIAN SHLDR	1810	27.2	34.9
239+45		262+10	EB OUTSIDE SHLDR	2809	42.1	54.1
262+10		266+50	EB PAVT/SHLDR	2057	30.9	39.6
SUBTOTAL - STAGE 3				13696	205.4	263.8
ENTRANCES (SEE RURAL SCHEDULE)				821	12.7	17.0
TOTAL (RURAL)				142772	2142	2751

LIME APPLICATION RATE - 0.01926 TONS/SQ YD @ 12" DEPTH
 WATER APPLICATION RATE - 0.015 UNIT/SQ YD @ 12" DEPTH

BITUMINOUS MATERIALS (PRIME COAT)	
DESCRIPTION	QUANTITY (TON)
MAINLINE PAVEMENT - BINDER	7.8
MAINLINE PAVEMENT - SURFACE	26.4
MAINLINE SHOULDER - BINDER	0.0
MAINLINE SHOULDER - SURFACE	14.1
SIDEROAD WIDENING - BINDER	0.3
SIDEROAD PAVEMENT - SURFACE	0.0
SIDEROAD SHOULDER - SURFACE	0.0
ACCESS ROAD - SURFACE	8.3
ACCESS ROAD SHOULDER - SURFACE	1.0
TEMPORARY PAVEMENT	7.9
PRIVATE & COMMERCIAL ENTRANCES	0.9
TOTALS (RURAL)	66.7
MAINLINE PAVEMENT - BINDER	3.7
MAINLINE PAVEMENT - SURFACE	8.3
MAINLINE SHOULDER - BINDER	23.1
MAINLINE SHOULDER - SURFACE	11.8
SIDEROAD WIDENING - BINDER	0.7
SIDEROAD PAVEMENT - SURFACE	0.2
SIDE ROAD SHOULDER - SURFACE	0.4
TEMPORARY PAVEMENT	1.8
PRIVATE & COMMERCIAL ENTRANCES	0.2
TOTALS (URBAN)	50.2

APP. RATE: 0.0015646 TONS/SQ. YD. (ON AGG)
 0.0003129 TONS/SQ. YD. (ON ASPH)

AGGREGATE (PRIME COAT)	
DESCRIPTION	QUANTITY (TON)
MAINLINE PAVEMENT - BINDER	0.00
MAINLINE PAVEMENT - SURFACE	127.5
MAINLINE SHOULDER - BINDER	0.00
MAINLINE SHOULDER - SURFACE	67.50
SIDEROAD WIDENING - BINDER	0.40
SIDEROAD PAVEMENT - SURFACE	0.10
SIDEROAD SHOULDER - SURFACE	0.10
ACCESS ROAD - SURFACE	40.00
ACCESS ROAD SHOULDER - SURFACE	4.60
TEMPORARY PAVEMENT	12.70
PRIVATE & COMMERCIAL ENTRANCES	1.50
TOTALS (RURAL)	254.4
MAINLINE PAVEMENT - BINDER	0.00
MAINLINE PAVEMENT - SURFACE	39.70
MAINLINE SHOULDER - BINDER	37.00
MAINLINE SHOULDER - SURFACE	18.80
SIDEROAD WIDENING - BINDER	1.10
SIDEROAD PAVEMENT - SURFACE	0.90
SIDE ROAD SHOULDER - SURFACE	0.70
TEMPORARY PAVEMENT	2.90
PRIVATE & COMMERCIAL ENTRANCES	0.30
TOTALS (URBAN)	101.4

APP. RATE: 0.0025 TONS/SQ. YD. (ON AGG)
 0.0015 TONS/SQ. YD. (ON ASPH)

MAINLINE PAVING SCHEDULE - BINDER AND SURFACE

STATION	TO	STATION	SIDE	BIT CONC CSE WIDENING SUPERPAVE 12 1/2" SQ YD	BIT CONC BINDER CSE SUPERPAVE TONS	LEV. BINDER (MACH. METH.) SUPERPAVE TONS	BIT CONC SURF CSE SUPERPAVE TONS	REMARKS
149+00.00		159+00.00	BOTH			505	336	NOMINAL 2 1/4" (EXISTING PAVEMENT)
159+00.00		174+00.00	BOTH		891		361	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
174+00.00		179+50.00	LT.			204	136	NOMINAL 2 1/4" (EXISTING PAVEMENT)
179+50.00		190+50.00	LT.		536		217	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
201+50.00		203+50.00	LT.		157		45	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
203+50.00		207+50.00	LT.			164	109	NOMINAL 2 1/4" (EXISTING PAVEMENT)
207+50.00		218+50.00	LT.		673		241	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
230+00.00		233+60.00	RT.		296		61	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
239+45.00		244+00.00	RT.		212		93	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
244+00.00		247+50.00	RT.			118	78	NOMINAL 2 1/4" (EXISTING PAVEMENT)
247+50.00		250+50.00	RT.		171		51	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
250+50.00		252+00.00	RT.			36	24	NOMINAL 2 1/4" (EXISTING PAVEMENT)
252+00.00		254+00.00	RT.		108		41	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
254+00.00		256+50.00	RT.			84	56	NOMINAL 2 1/4" (EXISTING PAVEMENT)
256+50.00		262+10.00	RT.		432		114	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
271+90.00		276+50.00	LT.		296		9	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
276+50.00		279+50.00	LT.			93	62	NOMINAL 2 1/4" (EXISTING PAVEMENT)
279+50.00		285+00.00	LT.		257		113	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
281+98.16		285+25.00	LT.	82			7	12 1/2" WIDENING < 6' WIDE
162+00.00		179+95.00	LT.	516			29	12 1/2" WIDENING < 6' WIDE
185+66.60		190+50.00	LT.	203			17	12 1/2" WIDENING < 6' WIDE
205+70.00		205+82.63	LT.	5			0	12 1/2" WIDENING < 6' WIDE
207+24.66		207+78.48	LT.	31			3	12 1/2" WIDENING < 6' WIDE
211+23.58		212+55.69	LT.	44			4	12 1/2" WIDENING < 6' WIDE
211+76.81		216+25.60	LT.	136			11	12 1/2" WIDENING < 6' WIDE
232+79.14		233+50.00	RT.	27			2	12 1/2" WIDENING < 6' WIDE
239+45.00		251+45.71	RT.	289			24	12 1/2" WIDENING < 6' WIDE
252+12.06		262+10.00	RT.	203			17	12 1/2" WIDENING < 6' WIDE
271+90.00		276+16.50	LT.	786			66	12 1/2" WIDENING < 6' WIDE
162+53.51		168+26.71	LT.		608		73	11 1/2" WIDENING > 6' WIDE
179+95.00		185+66.60	LT.		705		85	12 1/2" WIDENING > 6' WIDE
205+82.63		211+76.81	LT.		434		52	12 1/2" WIDENING > 6' WIDE
207+78.48		211+23.55	LT.		224		27	12 1/2" WIDENING > 6' WIDE
216+25.60		218+50.00	LT.		354		42	12 1/2" WIDENING > 6' WIDE
230+00.00		232+79.14	RT.		424		51	12 1/2" WIDENING > 6' WIDE
251+45.71		252+12.06	RT.		168		20	12 1/2" WIDENING > 6' WIDE
TOTAL (RURAL)				2322	6946	1204	2677	
292+57.12		297+00.00	BOTH			109	73	NOMINAL 2 1/4" (EXISTING PAVEMENT)
297+00.00		314+00.00	BOTH		1001		460	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
314+00.00		317+00.00	BOTH			93	62	NOMINAL 2 1/4" (EXISTING PAVEMENT)
317+00.00		329+50.00	BOTH		811		256	VARIABLE DEPTH > 2 1/4" (EXISTING PAVEMENT)
329+50.00		336+00.00	BOTH			200	133	NOMINAL 2 1/4" (EXISTING PAVEMENT)
292+57.12		304+00.00	LT.		1677		201	12 1/2" WIDENING > 6' WIDE
292+57.12		304+00.00	RT.		1879		226	12 1/2" WIDENING > 6' WIDE
304+00.00		317+00.00	LT.		1894		227	12 1/2" WIDENING > 6' WIDE
304+00.00		317+00.00	RT.		1184		142	12 1/2" WIDENING > 6' WIDE
317+00.00		336+00.00	LT.		2486		298	12 1/2" WIDENING > 6' WIDE
317+00.00		336+00.00	RT.		1228		147	12 1/2" WIDENING > 6' WIDE
TOTAL (URBAN)				0	12160	402	2225	

NOTE: SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITIES

TEMPORARY PAVEMENT

STATION	TO	STATION	SIDE	AGG BASE CSE TYPE B 4" (TO REMAIN) SQ YD	BIT. SHOULDERS SUPERPAVE 12" (TO REMAIN) SQ YD	AGG BASE CSE TYPE B 8" (TBR LATER) SQ YD	BIT. SHOULDERS SUPERPAVE 8" (TBR LATER) SQ YD	AGG SHLDRS TYPE A 6" (TBR LATER) SQ YD	BIT. SHOULDERS SUPERPAVE 6" (TBR LATER) SQ YD	
STAGE 1										
148+82.70		158+50.00	CL		958.4					
158+74.81		161+19.06	CL		233.2					
211+00.00		221+00.00	RT		1166.7					
212+80.00		219+20.00	RT					168		
214+15.00		217+85.00	RT						88.6	
221+00.00		223+00.00	RT		147					
221+40.00		225+63.00	RT			654	632.7			
223+00.00		225+63.00	RT						89.9	
223+00.00		226+50.00	RT					117		
263+00.00		266+50.00	RT			631	614.7	116	125.7	
265+71.00		267+00.00	RT						79.5	
286+53.73		290+14.18	LT			107	93.3		130	
STAGE 2										
223+00.00		225+60.00	LT		187.9	357	349.4			
TOTAL (RURAL)					2693	1749	1690.1	401	513.7	
STAGE 1										
296+80.00		304+85.00	RT		1071		1025.9			
299+60.00		304+76.90	RT						161.8	
305+79.00		307+40.00	RT		154		144.6			
TOTAL (URBAN)					1225	1171			161.8	

MAINLINE PAVING SCHEDULE - FULL DEPTH PAVEMENT

STATION	TO	STATION	SIDE	BIT CONC PAVT FULL DEPTH SUPERPAVE 14" SQ YD	BIT CONC PAVT FULL DEPTH SUPERPAVE 9" SQ YD
153+92.00		230+00.00	RT.	22922	
190+50.00		201+50.00	LT.	3723	
218+50.00		271+90.00	LT.	16057	
233+60.00		239+45.00	RT.	1560	
262+10.00		292+57.02	RT.	9054	
285+25.00		292+57.02	LT.	1950	
ACCESS RD		RT. 1A			5521

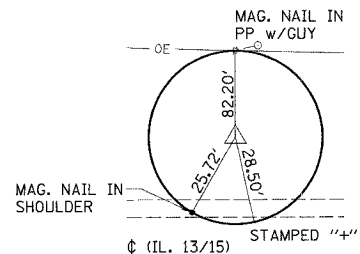
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	19
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

**TREE REMOVAL
ACRE**

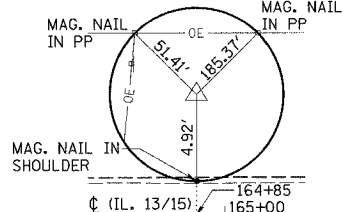
STATION	OFFSET	SIDE	BASELINE	AREA (ACRE)	STATION	OFFSET	SIDE	BASELINE	AREA (ACRE)	STATION	OFFSET	SIDE	BASELINE	AREA (ACRE)	STATION	OFFSET	SIDE	BASELINE	AREA (ACRE)	STATION	OFFSET	SIDE	BASELINE	AREA (ACRE)	
157+11.01	58.67	LT.	F.A.P. 103		182+46.15	38.87	RT.	F.A.P. 103		192+67.22	96.02	LT.	F.A.P. 103		206+97.46	92.12	LT.	F.A.P. 103		220+84.01	115.00	LT.	F.A.P. 103		
157+31.30	85.43	LT.	F.A.P. 103		182+49.52	38.25	RT.	F.A.P. 103		192+67.69	103.80	LT.	F.A.P. 103		206+70.80	128.99	LT.	F.A.P. 103		221+09.38	51.14	LT.	F.A.P. 103		
157+47.77	77.33	LT.	F.A.P. 103		182+70.87	190.28	RT.	F.A.P. 103		192+73.36	38.40	LT.	F.A.P. 103		206+69.95	137.34	LT.	F.A.P. 103		221+40.63	53.71	LT.	F.A.P. 103		
158+04.90	76.66	LT.	F.A.P. 103		182+61.10	192.98	RT.	F.A.P. 103		193+26.19	110.52	LT.	F.A.P. 103		206+87.62	137.39	LT.	F.A.P. 103		221+43.82	81.46	LT.	F.A.P. 103		
158+05.04	87.96	LT.	F.A.P. 103						AREA SUBTOTAL	0.02	192+83.97	94.68	LT.	F.A.P. 103		207+00.52	107.79	LT.	F.A.P. 103		221+13.28	115.00	LT.	F.A.P. 103	
157+68.75	96.91	LT.	F.A.P. 103							AREA SUBTOTAL	0.02	209+36.88	105.03	LT.	F.A.P. 103					AREA SUBTOTAL	0.06				
157+33.04	101.68	LT.	F.A.P. 103		183+05.15	2.79	RT.	F.A.P. 103		192+77.63	9.56	LT.	F.A.P. 103		209+72.24	75.33	LT.	F.A.P. 103		221+09.98	134.06	LT.	F.A.P. 103		
157+11.21	101.93	LT.	F.A.P. 103		184+45.53	2.86	RT.	F.A.P. 103		192+83.57	38.40	LT.	F.A.P. 103		207+74.05	83.90	LT.	F.A.P. 103		221+17.14	160.00	LT.	F.A.P. 103		
			AREA SUBTOTAL	0.03	183+05.15	17.95	RT.	F.A.P. 103		194+25.14	42.03	LT.	F.A.P. 103		207+27.26	84.67	LT.	F.A.P. 103		224+20.47	158.73	LT.	F.A.P. 103		
159+92.14	76.16	LT.	F.A.P. 103						0.05	195+80.32	39.31	LT.	F.A.P. 103						AREA SUBTOTAL	0.16	225+66.25	155.22	LT.	F.A.P. 103	
160+47.69	75.5	LT.	F.A.P. 103							195+81.12	12.85	LT.	F.A.P. 103		210+34.80	83.15	LT.	F.A.P. 103		225+42.96	5.31	LT.	F.A.P. 103		
160+47.83	87.48	LT.	F.A.P. 103		184+66.40	60.95	LT.	F.A.P. 103		193+87.32	3.85	LT.	F.A.P. 103		210+30.61	93.52	LT.	F.A.P. 103		221+81.70	66.01	LT.	F.A.P. 103		
159+92.28	88.14	LT.	F.A.P. 103		184+66.36	72.16	LT.	F.A.P. 103		193+22.47	77.00	RT.	F.A.P. 103		210+42.25	96.52	LT.	F.A.P. 103		AREA SUBTOTAL	1.23				
			AREA SUBTOTAL	0.02	184+94.71	88.30	LT.	F.A.P. 103		193+40.73	120.78	RT.	F.A.P. 103		210+55.52	94.62	LT.	F.A.P. 103		242+51.39	171.95	RT.	F.A.P. 103		
					185+40.66	108.64	LT.	F.A.P. 103		193+02.23	123.25	RT.	F.A.P. 103		210+59.49	86.95	LT.	F.A.P. 103		242+50.30	91.69	RT.	F.A.P. 103		
162+13.68	48.53	RT.	F.A.P. 103		185+57.90	110.74	LT.	F.A.P. 103		192+96.39	37.61	RT.	F.A.P. 103		210+55.97	80.81	LT.	F.A.P. 103		244+20.36	89.38	RT.	F.A.P. 103		
162+13.45	67.94	RT.	F.A.P. 103		185+57.64	99.89	LT.	F.A.P. 103		193+49.57	4.51	RT.	F.A.P. 103		210+44.76	78.96	LT.	F.A.P. 103		244+21.46	169.64	RT.	F.A.P. 103		
162+27.64	68.11	RT.	F.A.P. 103		185+54.29	82.59	LT.	F.A.P. 103					AREA SUBTOTAL	0.34					AREA SUBTOTAL	0.01					
162+27.87	48.7	RT.	F.A.P. 103		185+38.48	69.52	LT.	F.A.P. 103		194+51.12	21.86	RT.	F.A.P. 103						AREA SUBTOTAL	0.06					
			AREA SUBTOTAL	0.01	185+19.96	62.00	LT.	F.A.P. 103		195+15.22	3.38	RT.	F.A.P. 103		211+10.42	77.17	LT.	F.A.P. 103		257+18.51	79.33	RT.	F.A.P. 103		
162+89.98	81.71	LT.	F.A.P. 103						0.06	196+11.63	4.18	LT.	F.A.P. 103		211+10.42	105.43	LT.	F.A.P. 103		257+32.63	79.26	RT.	F.A.P. 103		
162+90.08	90.48	LT.	F.A.P. 103		185+04.15	0.61	RT.	F.A.P. 103		196+23.76	18.34	RT.	F.A.P. 103		212+45.91	105.43	LT.	F.A.P. 103		257+32.98	150.00	RT.	F.A.P. 103		
163+06.90	90.28	LT.	F.A.P. 103		185+29.82	1.20	LT.	F.A.P. 103		195+90.14	120.11	RT.	F.A.P. 103		212+45.91	77.17	LT.	F.A.P. 103		257+18.86	150.07	RT.	F.A.P. 103		
163+06.80	81.5	LT.	F.A.P. 103		185+33.23	47.38	RT.	F.A.P. 103		194+74.26	121.73	RT.	F.A.P. 103						AREA SUBTOTAL	0.09					
			AREA SUBTOTAL	0.01	185+26.47	67.7	RT.	F.A.P. 103					AREA SUBTOTAL	0.38					AREA SUBTOTAL	0.02					
					185+38.80	190.99	RT.	F.A.P. 103																	
167+53.91	61.8	LT.	F.A.P. 103		184+88.96	190.37	RT.	F.A.P. 103		195+82.45	16.97	LT.	F.A.P. 103		213+59.85	3.46	RT.	F.A.P. 103		257+25.83	6.30	LT.	F.A.P. 103		
167+53.91	82.77	LT.	F.A.P. 103		184+89.02	67.68	RT.	F.A.P. 103		195+82.06	46.69	LT.	F.A.P. 103		213+65.65	6.45	LT.	F.A.P. 103		257+25.72	30.23	LT.	F.A.P. 103		
169+38.49	82.77	LT.	F.A.P. 103						0.18	196+20.93	49.55	LT.	F.A.P. 103		217+63.96	6.91	LT.	F.A.P. 103		257+57.38	30.39	LT.	F.A.P. 103		
169+38.49	61.8	LT.	F.A.P. 103							197+36.68	46.32	LT.	F.A.P. 103		218+27.52	56.67	RT.	F.A.P. 103		257+57.50	6.46	LT.	F.A.P. 103		
			AREA SUBTOTAL	0.09	185+85.68	73.07	LT.	F.A.P. 103		197+36.84	33.42	LT.	F.A.P. 103		215+97.83	316.52	RT.	F.A.P. 103		AREA SUBTOTAL	0.02				
					185+86.97	106.02	LT.	F.A.P. 103		196+46.02	28.60	LT.	F.A.P. 103		215+87.12	317.21	RT.	F.A.P. 103		RURAL SUBTOTAL	6.55				
167+90.27	9.16	LT.	F.A.P. 103		185+93.25	106.01	LT.	F.A.P. 103					AREA SUBTOTAL	0.06	215+99.56	151.35	RT.	F.A.P. 103		ROUNDED TOTAL (RURAL)	6.50				
167+90.27	15.79	LT.	F.A.P. 103		185+98.10	85.56	LT.	F.A.P. 103		196+25.85	91.72	LT.	F.A.P. 103		215+15.28	192.82	RT.	F.A.P. 103							
168+36.93	15.79	LT.	F.A.P. 103		186+11.67	88.77	LT.	F.A.P. 103		196+27.06	102.41	LT.	F.A.P. 103		214+91.79	262.62	RT.	F.A.P. 103		300+52.29	27.16	LT.	F.A.P. 103		
168+36.93	9.16	LT.	F.A.P. 103		186+17.11	83.8	LT.	F.A.P. 103		196+27.06	102.41	LT.	F.A.P. 103		214+42.06	261.93	RT.	F.A.P. 103		300+52.10	65.00	LT.	F.A.P. 103		
			AREA SUBTOTAL	0.01	186+09.23	77.67	LT.	F.A.P. 103		196+98.04	101.68	LT.	F.A.P. 103		214+40.68	151.35	RT.	F.A.P. 103		299+75.00	169.83	LT.	F.A.P. 103		
					186+00.72	73.94	LT.	F.A.P. 103		196+97.96	118.05	LT.	F.A.P. 103		213+66.07	145.82	RT.	F.A.P. 103		299+94.87	184.99	LT.	F.A.P. 103		
170+05.41	71.21	LT.	F.A.P. 103						0.01	198+30.15	114.50	LT.	F.A.P. 103		213+64.69	123.02	RT.	F.A.P. 103		300+86.29	65.17	LT.	F.A.P. 103		
170+05.41	87.95	LT.	F.A.P. 103							198+21.65	90.02	LT.	F.A.P. 103		214+11.66	31.10	RT.	F.A.P. 103		300+96.66	65.22	LT.	F.A.P. 103		
170+41.02	87.95	LT.	F.A.P. 103		186+22.70	107.56	LT.	F.A.P. 103		196+97.51	89.38	LT.	F.A.P. 103						AREA SUBTOTAL	2.00	300+96.84	27.38	LT.	F.A.P. 103	
170+41.02	71.21	LT.	F.A.P. 103		186+22.70	125.25	LT.	F.A.P. 103					AREA SUBTOTAL	0.10					AREA SUBTOTAL	0.12					
			AREA SUBTOTAL	0.01	186+43.83	125.24	LT.	F.A.P. 103		199+85.08	4.59	LT.	F.A.P. 103		214+85.43	84.79	LT.	F.A.P. 103							
					186+43.82	107.55	LT.	F.A.P. 103		199+87.97	23.26	LT.	F.A.P. 103		214+85.43	92.02	LT.	F.A.P. 103		308+44.01	64.95	RT.	F.A.P. 103		
179+28.69	72.16	LT.	F.A.P. 103						0.01	202+33.06	0.26	LT.	F.A.P. 103		216+02.17	92.02	LT.	F.A.P. 103		308+43.92	44.87	RT.	F.A.P. 103		
179+28.69	82.86	LT.	F.A.P. 103		186+25.45	138.07	LT.	F.A.P. 103		202+33.03	8.85	RT.	F.A.P. 103						AREA SUBTOTAL	0.02	308+64.96	44.77	RT.	F.A.P. 103	
180+02.51	82.86	LT.	F.A.P. 103		186+25.45	145.32	LT.	F.A.P. 103					AREA SUBTOTAL	0.08					AREA SUBTOTAL	0.01	308+65.05	64.85	RT.	F.A.P. 103	
180+02.51	72.16	LT.	F.A.P. 103		186+44.10	145.31	LT.	F.A.P. 103																	
			AREA SUBTOTAL	0.02	186+44.10	138.06	LT.	F.A.P. 103																	
180+39.79	73.90	LT.	F.A.P. 103						0.00	201+60.01	97.03	LT.	F.A.P. 103		216+33.84	89.74	LT.	F.A.P. 103							
180+39.79	80.85	LT.	F.A.P. 103		201+54.36	103.13	LT.	F.A.P. 103		205+64.86	100.00	LT.	F.A.P. 103		215+90.83	168.14	LT.	F.A.P. 103		322+24.57	73.45	RT.	F.A.P. 103		
181+41.98	80.82	LT.	F.A.P. 103		205+86.14	136.10	LT.	F.A.P. 103		205+86.14	136.10	LT.	F.A.P. 103		215+62.10	195.00	LT.	F.A.P. 103		322+51.66	57.39	RT.	F.A.P. 103		
181+41.97	73.86	LT.	F.A.P. 103		206+03.81	136.05	LT.	F.A.P. 103		206+03.81	136.05	LT.	F.A.P. 103		216+34.96	197.07	LT.	F.A.P. 103		322+64.50	52.24	RT.	F.A.P. 103		
			AREA SUBTOTAL	0.02	188+33.18	106.76	LT.	F.A.P. 103		206+02.96	127.70	LT.	F.A.P. 103		217+06.02	172.38	LT.	F.A.P. 103		322+73.47	59.90	RT.	F.A.P. 103		
					188+54.51	126.72	LT.	F.A.P. 103		205+93.96	112.86	LT.	F.A.P. 103		217+50.86	243.13	LT.	F.A.P. 103		322+64.47	76.31	RT.	F.A.P. 103		
					188+54.50	106.75	LT.	F.A.P. 103		205+46.29	86.21	LT.	F.A.P. 103		218+07.10	290.75									

HORIZONTAL CONTROL POINTS

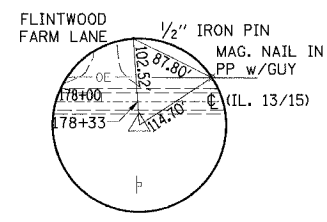
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



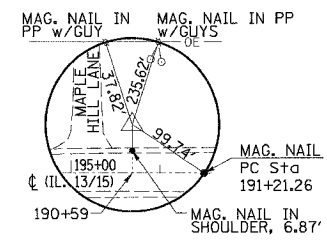
CONTROL POINT #24
 22.87' RT. STA. 151+76.74 EX.
 62.18' LT. STA. 152+11.75 PR.
 1/2" IRON PIN w/IDOT CAP



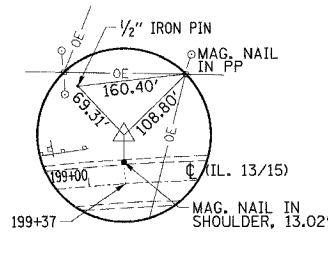
CONTROL POINT #23
 17.87' LT. STA. 164+84.53 EX.
 56.93' LT. STA. 165+19.53 PR.
 1/2" IRON PIN w/IDOT CAP



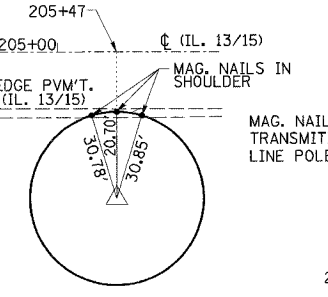
CONTROL POINT #3001
 38.47' RT. STA. 178+35.78 EX.
 0.80' LT. STA. 178+70.79 PR.
 1/2" IRON PIN w/IDOT CAP



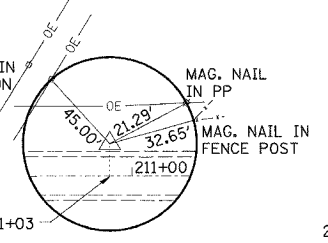
CONTROL POINT #22
 20.83' LT. STA. 190+59.79 EX.
 61.75' LT. STA. 190+91.71 PR.
 1/2" IRON PIN w/IDOT CAP



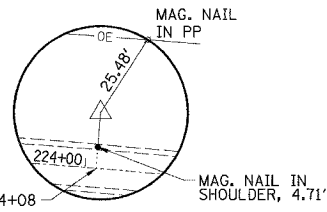
CONTROL POINT #21
 26.91' LT. STA. 199+39.23 EX.
 84.90' LT. STA. 199+37.31 PR.
 1/2" IRON PIN w/IDOT CAP



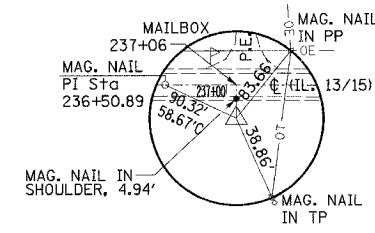
CONTROL POINT #9811
 41.46' RT. STA. 205+47.39 EX.
 3.26' RT. STA. 205+33.49 PR.
 1/2" IRON PIN w/IDOT CAP



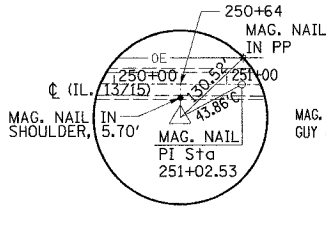
CONTROL POINT #20
 18.83' LT. STA. 211+01.99 EX.
 57.03' LT. STA. 210+88.08 PR.
 1/2" IRON PIN w/IDOT CAP



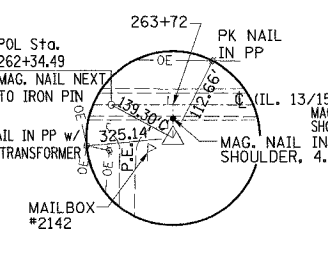
CONTROL POINT #19
 18.93' LT. STA. 224+09.81 EX.
 2.06' LT. STA. 223+95.75 PR.
 1/2" IRON PIN w/IDOT CAP



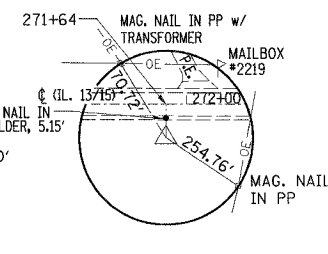
CONTROL POINT #18
 18.68' RT. STA. 237+06.51 EX.
 56.66' RT. STA. 237+02.48 PR.
 1/2" IRON PIN w/IDOT CAP



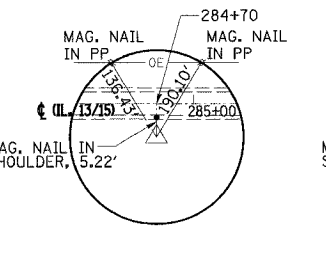
CONTROL POINT #17
 19.06' RT. STA. 250+63.03 EX.
 57.35' RT. STA. 250+58.99 PR.
 1/2" IRON PIN w/IDOT CAP



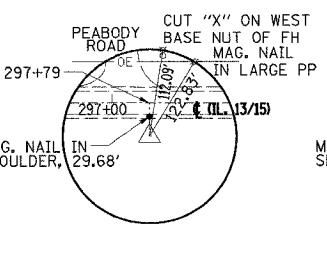
CONTROL POINT #16
 18.63' RT. STA. 263+72.54 EX.
 49.46' RT. STA. 263+72.10 PR.
 1/2" IRON PIN w/IDOT CAP



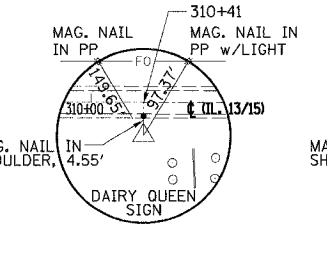
CONTROL POINT #15
 18.11' RT. STA. 271+61.42 EX.
 16.09' LT. STA. 271+59.71 PR.
 1/2" IRON PIN w/IDOT CAP



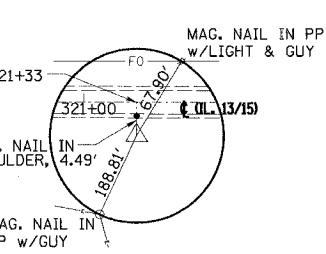
CONTROL POINT #14
 18.49' RT. STA. 284+69.63 EX.
 19.68' LT. STA. 284+68.73 PR.
 1/2" IRON PIN w/IDOT CAP



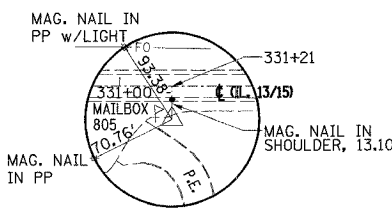
CONTROL POINT #3002
 41.88' RT. STA. 297+78.53 EX.
 41.88' RT. STA. 297+78.53 PR.
 1/2" IRON PIN w/IDOT CAP



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

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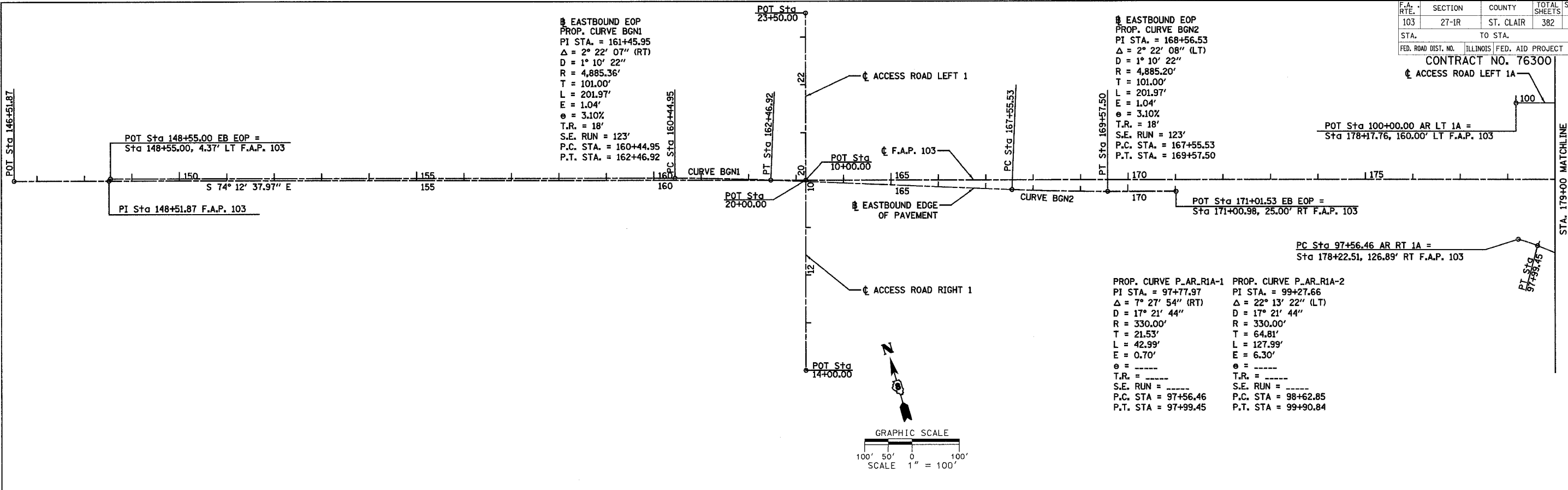
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	21
STA.		TO STA.		

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

CONTRACT NO. 76300

ACCESS ROAD LEFT 1A

DATE	
BY	
REVISIONS	
PLAN	
NOTE BOOK	
NO.	



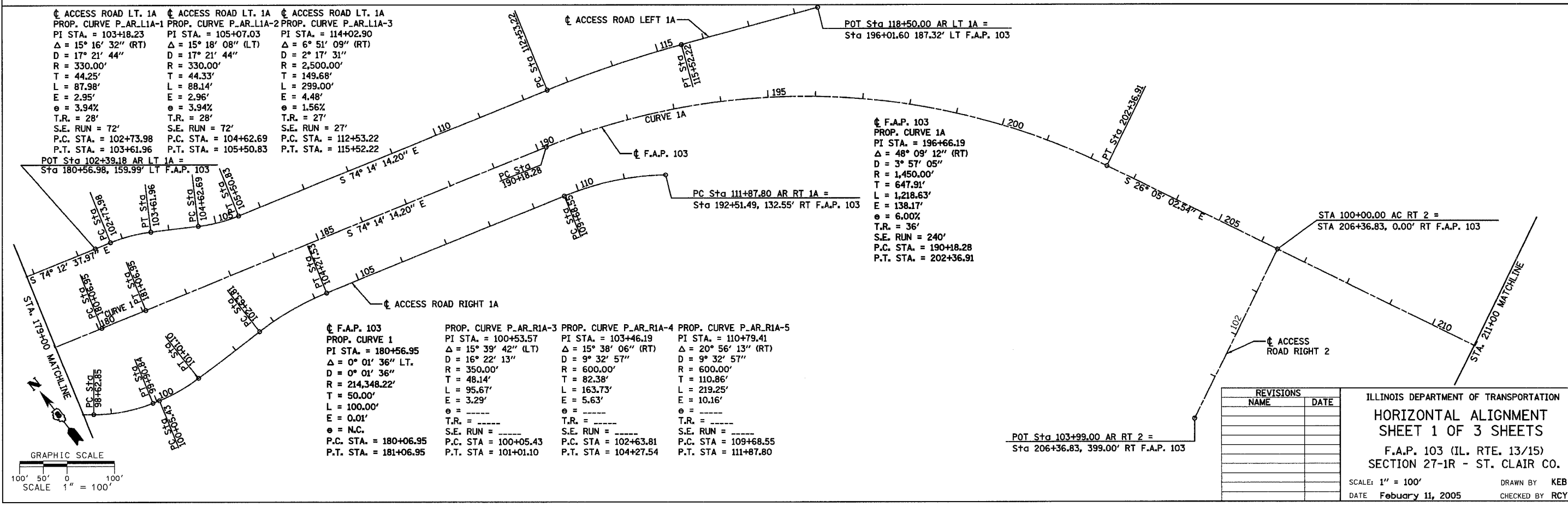
EASTBOUND EOP
PROP. CURVE BGN1
PI STA. = 161+45.95
Δ = 2° 22' 07" (RT)
D = 1° 10' 22"
R = 4,885.36'
T = 101.00'
L = 201.97'
E = 1.04'
e = 3.10%
T.R. = 18'
S.E. RUN = 123'
P.C. STA. = 160+44.95
P.T. STA. = 162+46.92

EASTBOUND EOP
PROP. CURVE BGN2
PI STA. = 168+56.53
Δ = 2° 22' 08" (LT)
D = 1° 10' 22"
R = 4,885.20'
T = 101.00'
L = 201.97'
E = 1.04'
e = 3.10%
T.R. = 18'
S.E. RUN = 123'
P.C. STA. = 167+55.53
P.T. STA. = 169+57.50

PROP. CURVE P_AR_R1A-1
PI STA. = 97+77.97
Δ = 7° 27' 54" (RT)
D = 17° 21' 44"
R = 330.00'
T = 21.53'
L = 42.99'
E = 0.70'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 97+56.46
P.T. STA. = 97+99.45

PROP. CURVE P_AR_R1A-2
PI STA. = 99+27.66
Δ = 22° 13' 22" (LT)
D = 17° 21' 44"
R = 330.00'
T = 64.81'
L = 127.99'
E = 6.30'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 98+62.85
P.T. STA. = 99+90.84

DATE	
BY	
REVISIONS	
PLAN	
NOTE BOOK	
NO.	



F.A.P. 103
PROP. CURVE 1
PI STA. = 180+56.95
Δ = 0° 01' 36" LT.
D = 0° 01' 36"
R = 214,348.22'
T = 50.00'
L = 100.00'
E = 0.01'
e = N.C.
P.C. STA. = 180+06.95
P.T. STA. = 181+06.95

PROP. CURVE P_AR_R1A-3
PI STA. = 100+53.57
Δ = 15° 39' 42" (LT)
D = 16° 22' 13"
R = 350.00'
T = 48.14'
L = 95.67'
E = 3.29'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 100+05.43
P.T. STA. = 101+01.10

PROP. CURVE P_AR_R1A-4
PI STA. = 103+46.19
Δ = 15° 38' 06" (RT)
D = 9° 32' 57"
R = 600.00'
T = 82.38'
L = 163.73'
E = 5.63'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 102+63.81
P.T. STA. = 104+27.54

PROP. CURVE P_AR_R1A-5
PI STA. = 110+79.41
Δ = 20° 56' 13" (RT)
D = 9° 32' 57"
R = 600.00'
T = 110.86'
L = 219.25'
E = 10.16'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 109+68.55
P.T. STA. = 111+87.80

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

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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
 Δ = 131° 02' 13" (RT)
 D = 57' 17" 45"
 R = 100.00'
 T = 219.62'
 L = 228.70'
 E = 141.31'
 e = 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
 Δ = 41° 02' 13" (LT)
 D = 22° 55' 06"
 R = 250.00'
 T = 93.56'
 L = 179.06'
 E = 16.93'
 e = 4%
 T.R. = 28'
 S.E. RUN = 72'
 P.C. STA = 85+76.82
 P.T. STA = 87+55.88

PROP. CURVE P_AR.R2B-1
 PI STA. = 8+82.10
 Δ = 48° 20' 07" (RT)
 D = 57' 17" 45"
 R = 100.00'
 T = 44.87'
 L = 84.36'
 E = 9.61'
 e = 4.00%
 T.R. = ---
 S.E. RUN = ---
 P.C. STA = 8+37.23
 P.T. STA = 9+21.59

POT Sta 7+38.65 AR RT 2B =
 Sta 214+80.01, 365.16' RT F.A.P. 103

PROP. CURVE P_AR.R2B-1
 PI STA. = 9+21.59
 Δ = 143° 14' 22"
 D = 143° 14' 22"
 R = 40.00'
 T = 40.00'
 L = 62.83'
 E = 16.57'
 e = SEE INTERSECTION DETAIL
 P.C. STA = 10+82.50
 P.T. STA = 11+45.33

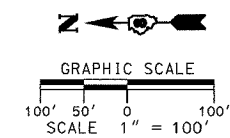
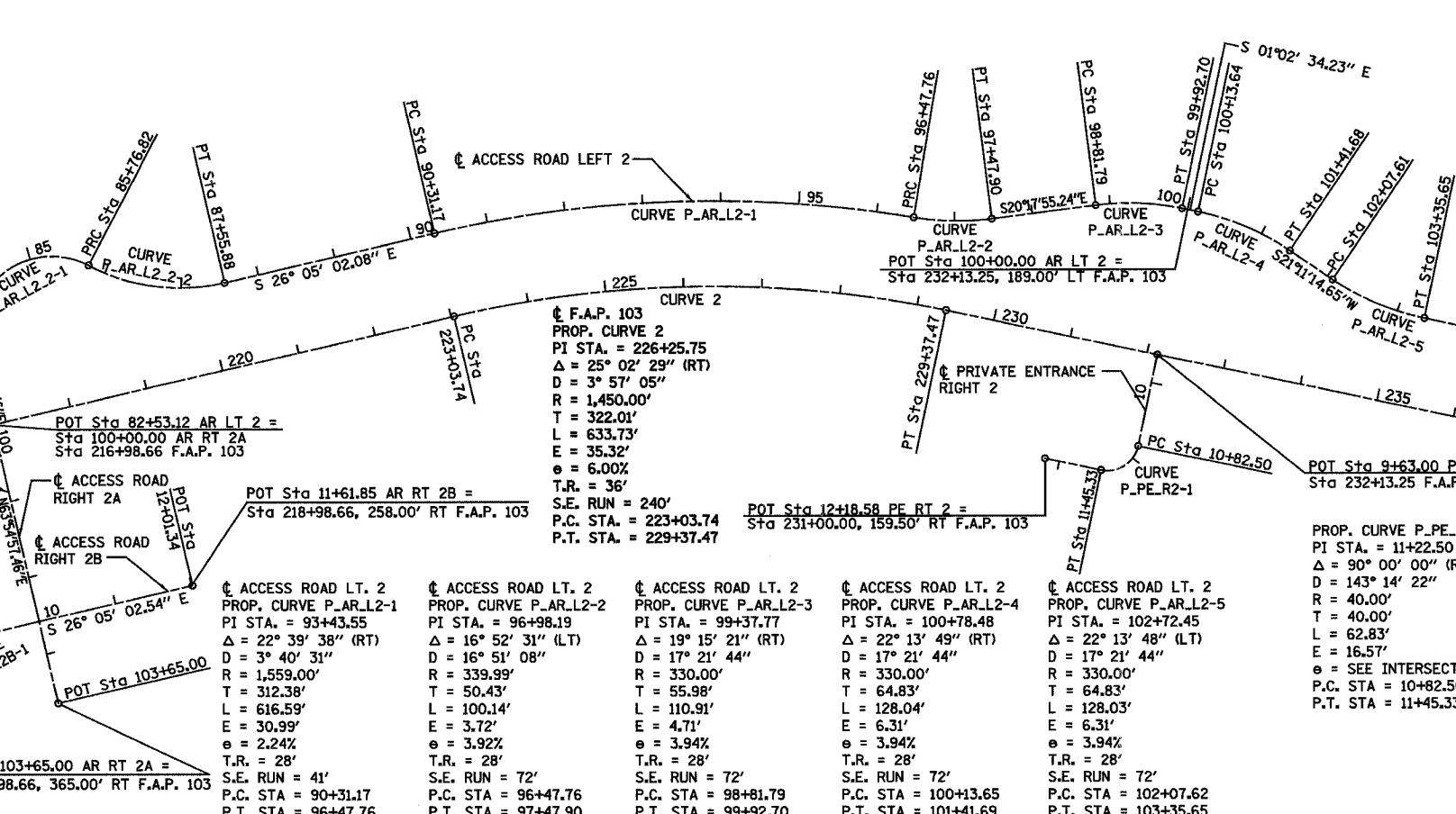
PROP. CURVE P_AR.L2-1
 PI STA. = 93+43.55
 Δ = 22° 39' 38" (RT)
 D = 3° 40' 31"
 R = 1,559.00'
 T = 312.38'
 L = 616.59'
 E = 30.99'
 e = 2.24%
 T.R. = 28'
 S.E. RUN = 41'
 P.C. STA = 90+31.17
 P.T. STA = 96+47.76

PROP. CURVE P_AR.L2-2
 PI STA. = 96+98.19
 Δ = 16° 52' 31" (LT)
 D = 16° 51' 08"
 R = 339.99'
 T = 50.43'
 L = 100.14'
 E = 3.72'
 e = 3.92%
 T.R. = 28'
 S.E. RUN = 72'
 P.C. STA = 96+47.76
 P.T. STA = 97+47.90

PROP. CURVE P_AR.L2-3
 PI STA. = 99+37.77
 Δ = 19° 15' 21" (RT)
 D = 17° 21' 44"
 R = 330.00'
 T = 55.98'
 L = 110.91'
 E = 4.71'
 e = 3.94%
 T.R. = 28'
 S.E. RUN = 72'
 P.C. STA = 98+81.79
 P.T. STA = 99+92.70

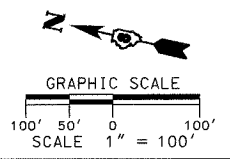
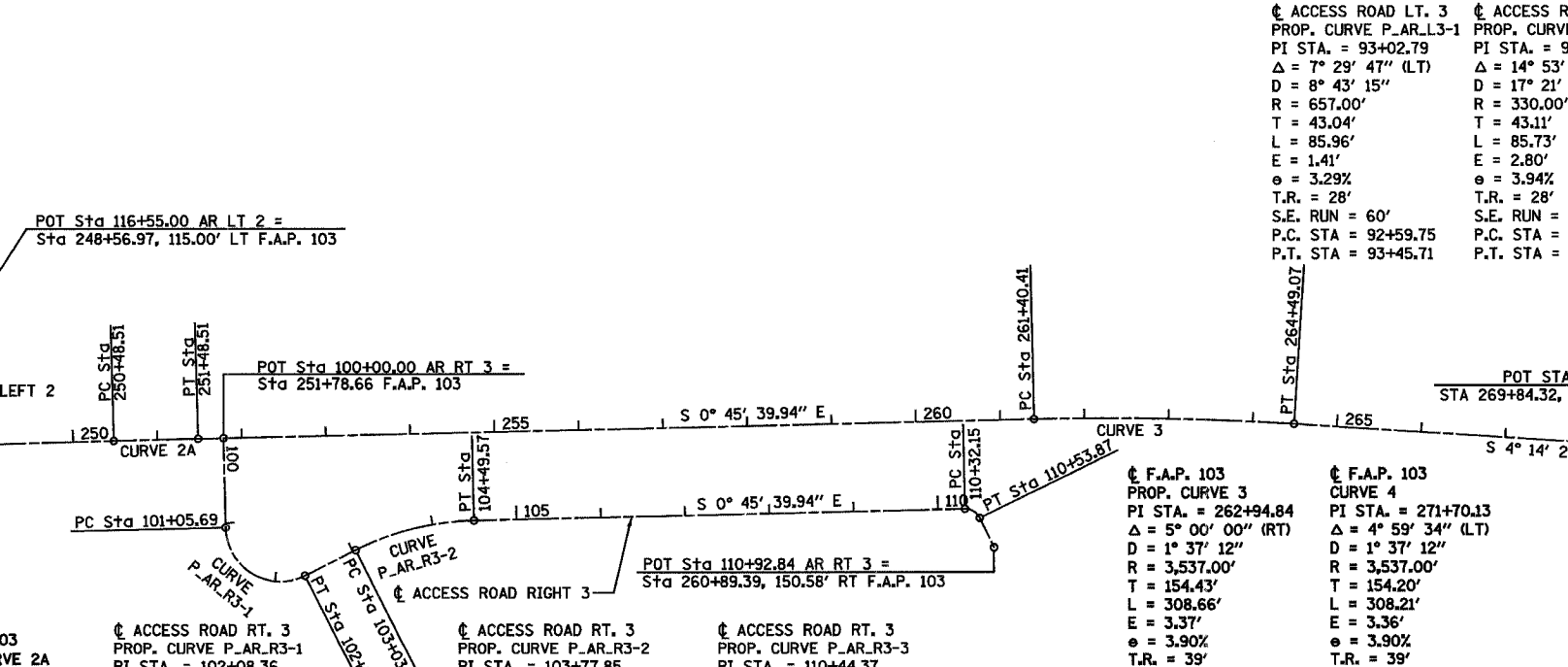
PROP. CURVE P_AR.L2-4
 PI STA. = 100+78.48
 Δ = 22° 13' 49" (RT)
 D = 17° 21' 44"
 R = 330.00'
 T = 64.83'
 L = 128.04'
 E = 6.31'
 e = 3.94%
 T.R. = 28'
 S.E. RUN = 72'
 P.C. STA = 102+07.62
 P.T. STA = 103+35.65

PROP. CURVE P_AR.L2-5
 PI STA. = 102+72.45
 Δ = 22° 13' 48" (LT)
 D = 17° 21' 44"
 R = 330.00'
 T = 64.83'
 L = 128.03'
 E = 6.31'
 e = 3.94%
 T.R. = 28'
 S.E. RUN = 72'
 P.C. STA = 103+35.65



DATE	BY

DATE	BY



F.A.P. 103
 PROP. CURVE 2A
 PI STA. = 250+98.51
 Δ = 0° 16' 54" (RT)
 D = 20,343.43'
 T = 50.00'
 L = 100.00'
 E = 0.06'
 e = NC
 P.C. STA. = 250+48.51
 P.T. STA. = 251+48.51

ACCESS ROAD RT. 3
 PROP. CURVE P_AR.R3-1
 PI STA. = 102+08.36
 Δ = 115° 19' 24" (LT)
 D = 88° 08' 50"
 R = 65.00'
 T = 102.67'
 L = 130.83'
 E = 56.51'
 e = 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
 Δ = 25° 19' 23" (RT)
 D = 17° 21' 44"
 R = 330.00'
 T = 74.14'
 L = 145.85'
 E = 8.22'
 e = 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
 Δ = 65° 29' 19" (RT)
 D = 301° 33' 24"
 R = 19.00'
 T = 12.22'
 L = 21.72'
 E = 3.59'
 e = NONE
 T.R. = ---
 S.E. RUN = ---
 P.C. STA. = 110+32.15
 P.T. STA. = 110+53.87

F.A.P. 103
 PROP. CURVE 3
 PI STA. = 262+94.84
 Δ = 5° 00' 00" (RT)
 D = 1° 37' 12"
 R = 3,537.00'
 T = 154.43'
 L = 308.66'
 E = 3.37'
 e = 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
 CURVE 4
 PI STA. = 271+70.13
 Δ = 4° 59' 34" (LT)
 D = 1° 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

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

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 3/9/2005 9:46:02 AM

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				

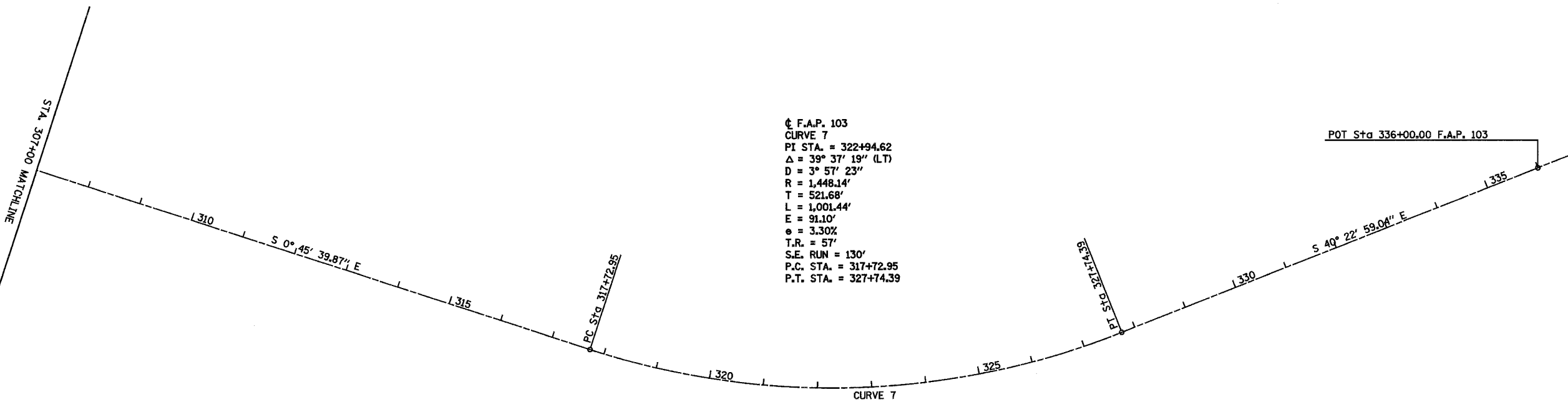
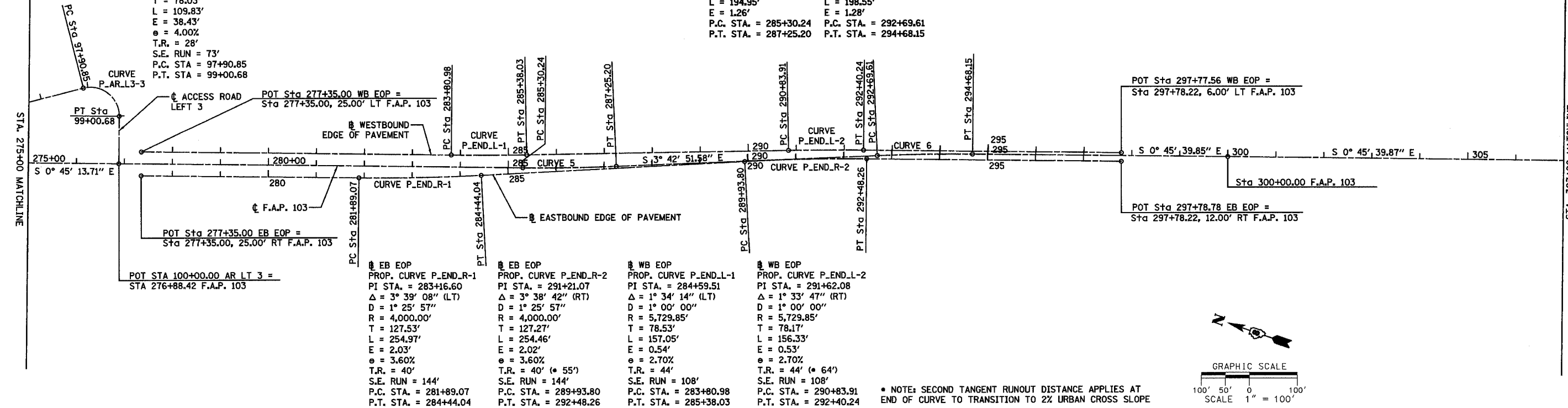
DATE	BY	DATE	BY

DATE	BY	DATE	BY

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

☐ 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)
 $D = 1^\circ 29' 15''$
 $R = 3,852.00'$
 $T = 99.30'$
 $L = 198.55'$
 $E = 1.28'$
 $P.C. STA. = 292+69.61$
 $P.T. STA. = 294+68.15$

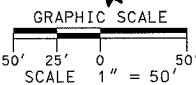
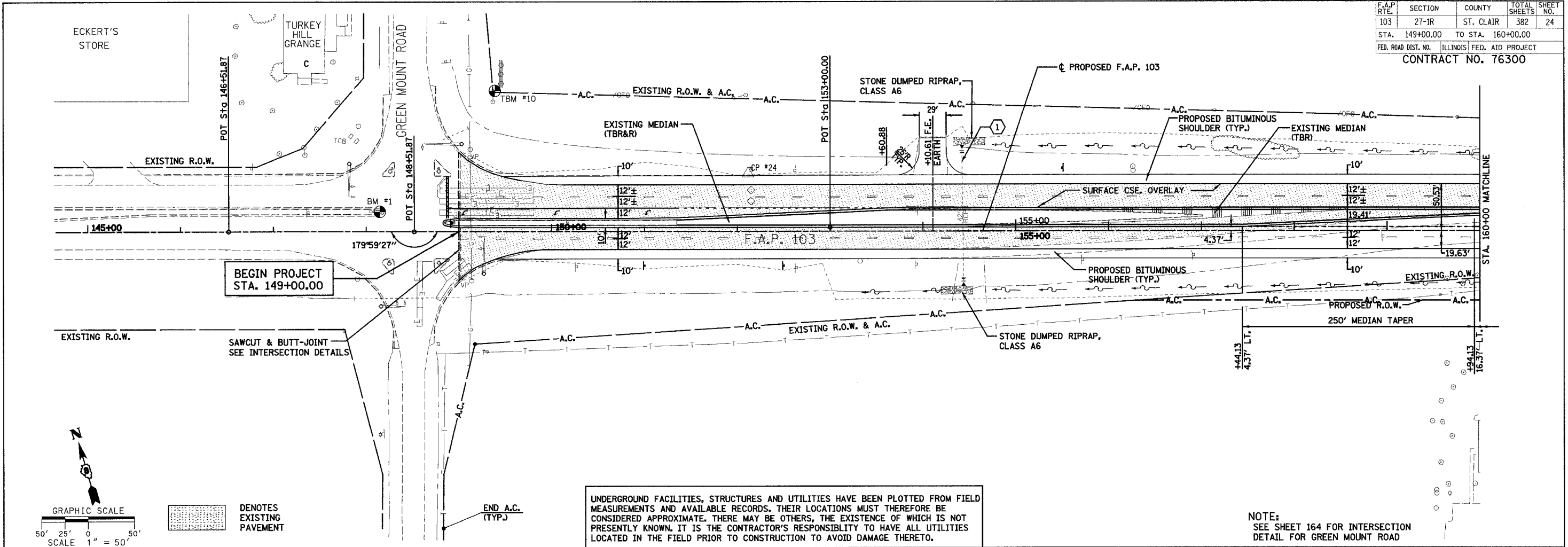


REVISIONS	
NAME	DATE

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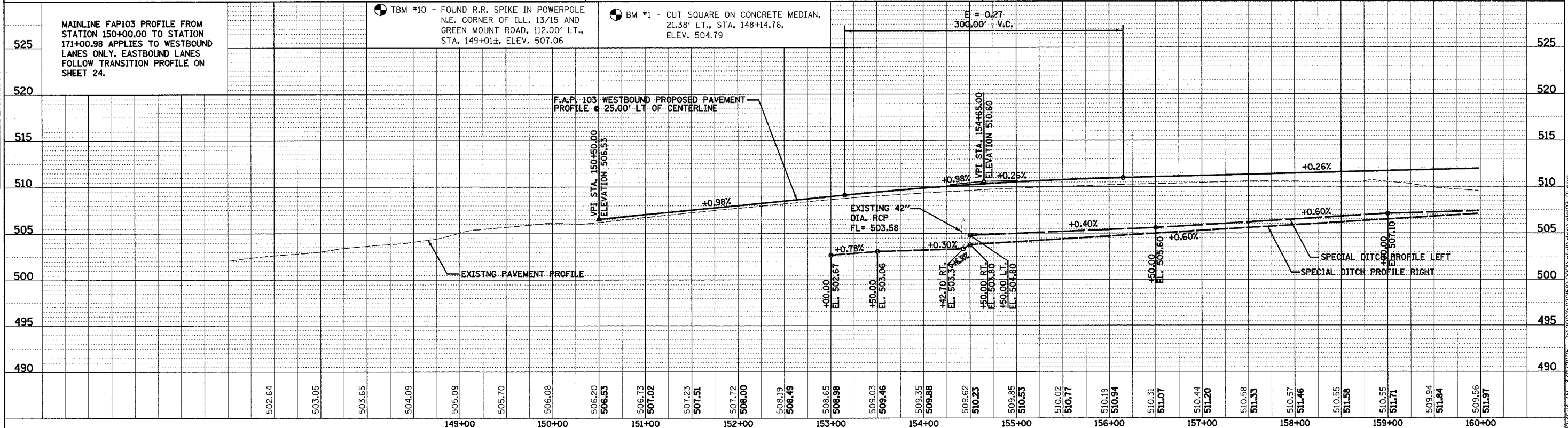
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	24
STA. 149+00.00	TO STA. 160+00.00			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76300				



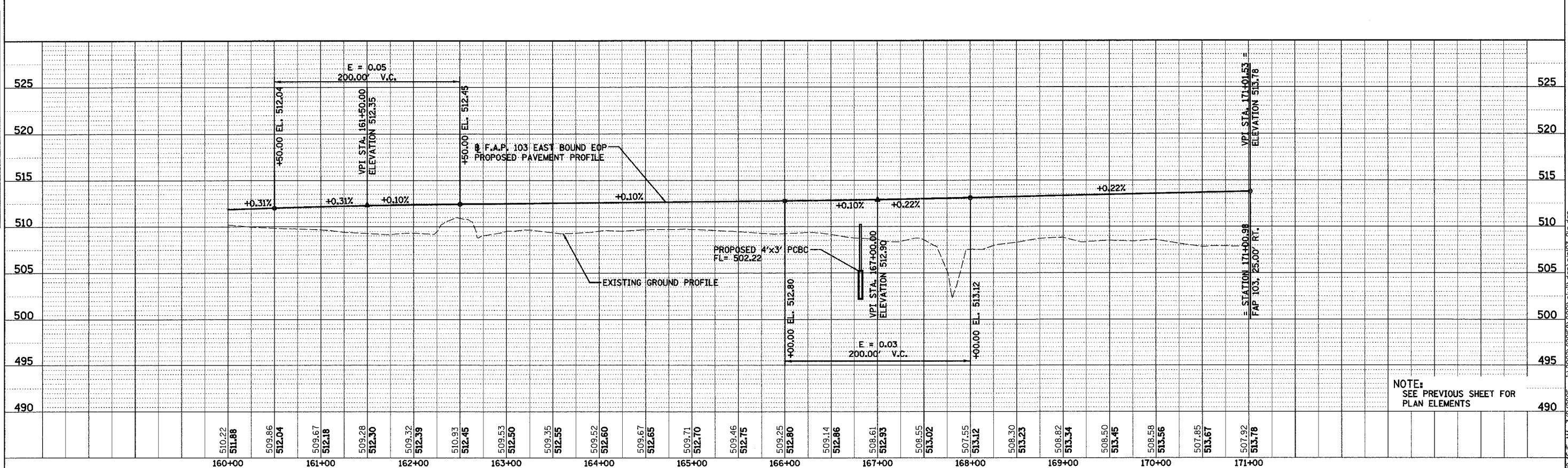
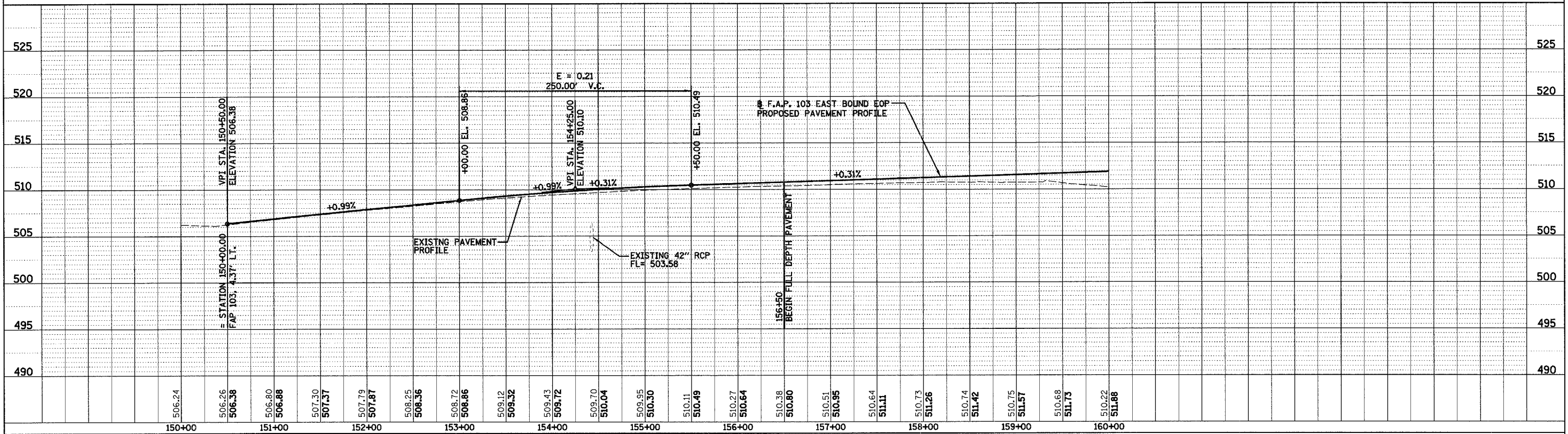
■ DENOTES EXISTING PAVEMENT

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 164 FOR INTERSECTION DETAIL FOR GREEN MOUNT ROAD



PLAN & PROFILE - F.A.P. 103



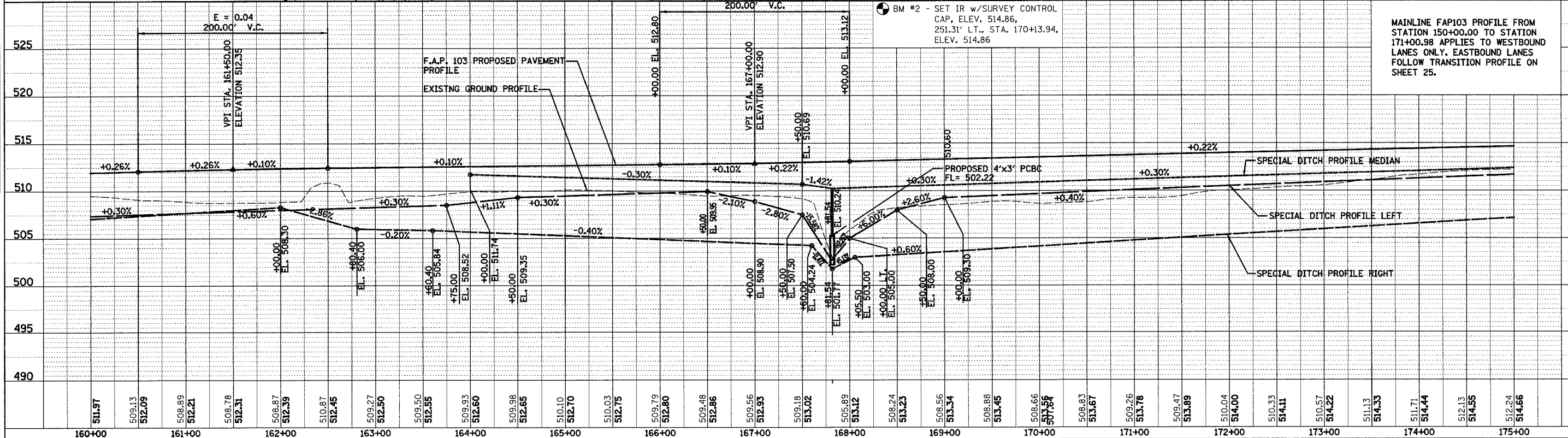
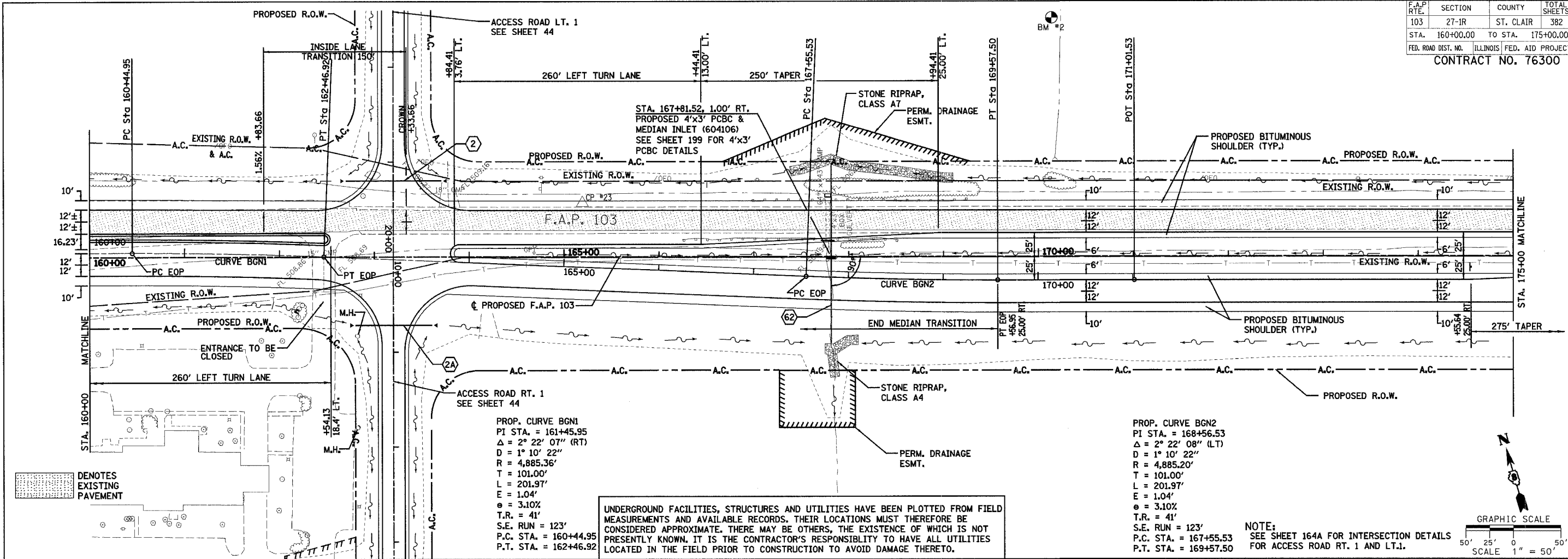
NOTE:
SEE PREVIOUS SHEET FOR
PLAN ELEMENTS

PLAN
SURVEYED BY: _____ DATE: _____
GRADES CHECKED BY: _____
ALIGNED CHECKED BY: _____
NOTE BOOK NO. _____
DRAWING FILE NAME: _____

PROFILE
SURVEYED BY: _____ DATE: _____
GRADES CHECKED BY: _____
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NOTE BOOK NO. _____
DRAWING FILE NAME: _____

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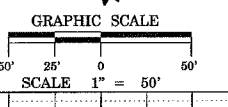
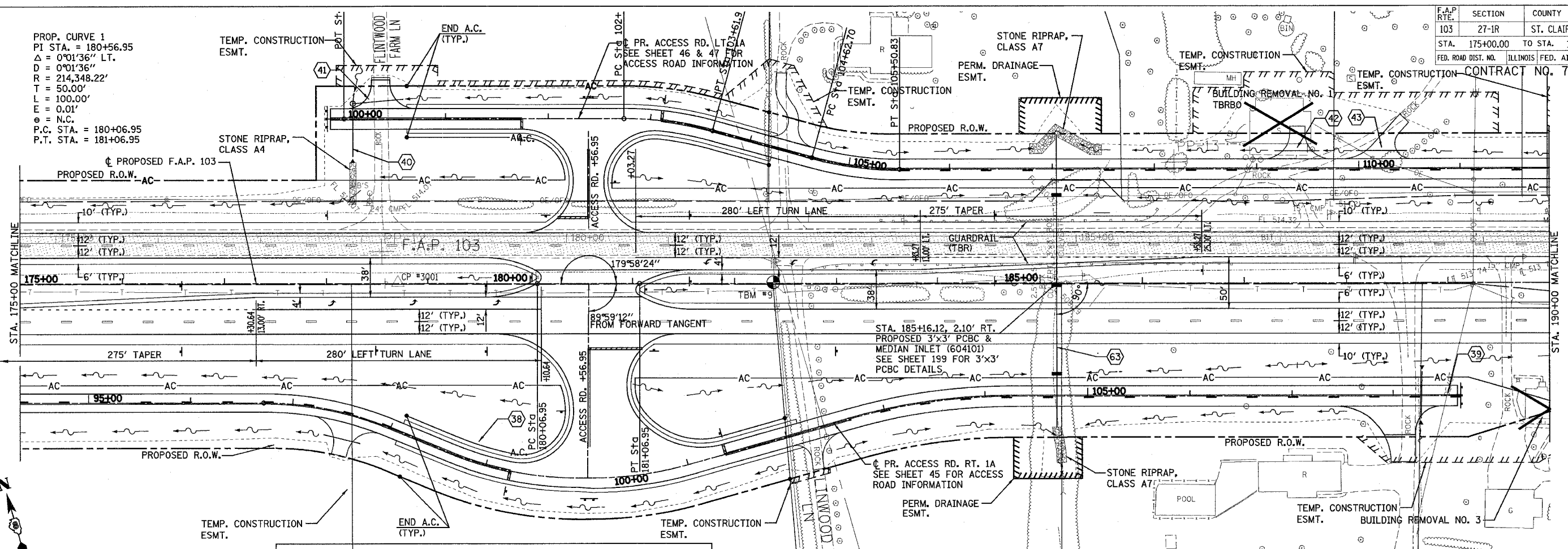
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	26
STA. 160+00.00		TO STA. 175+00.00		
FED. ROAD DIST. WA.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				



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

DATE: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTE BOOK NO. _____
 FILE NAME: _____

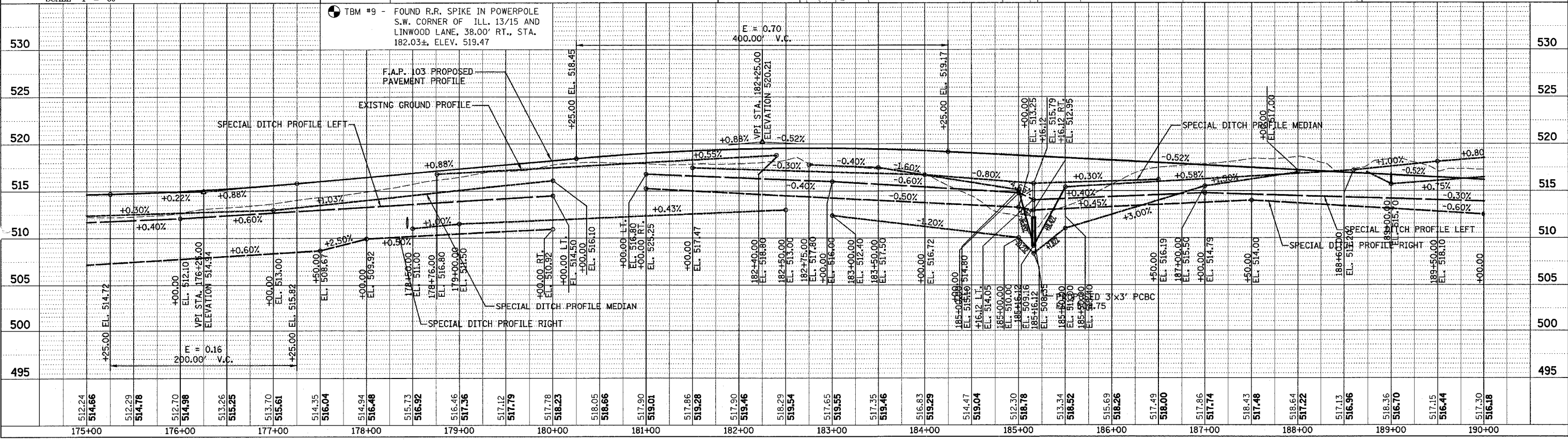
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 PLOTTED: _____
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 NOTE BOOK NO. _____
 FILE NAME: _____



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 165 FOR INTERSECTION DETAILS FOR CROSS-OVER STA. 180+56.95



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		CONTRACT NO. 76300		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
		TEMP. CONSTRUCTION ESMT.		

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

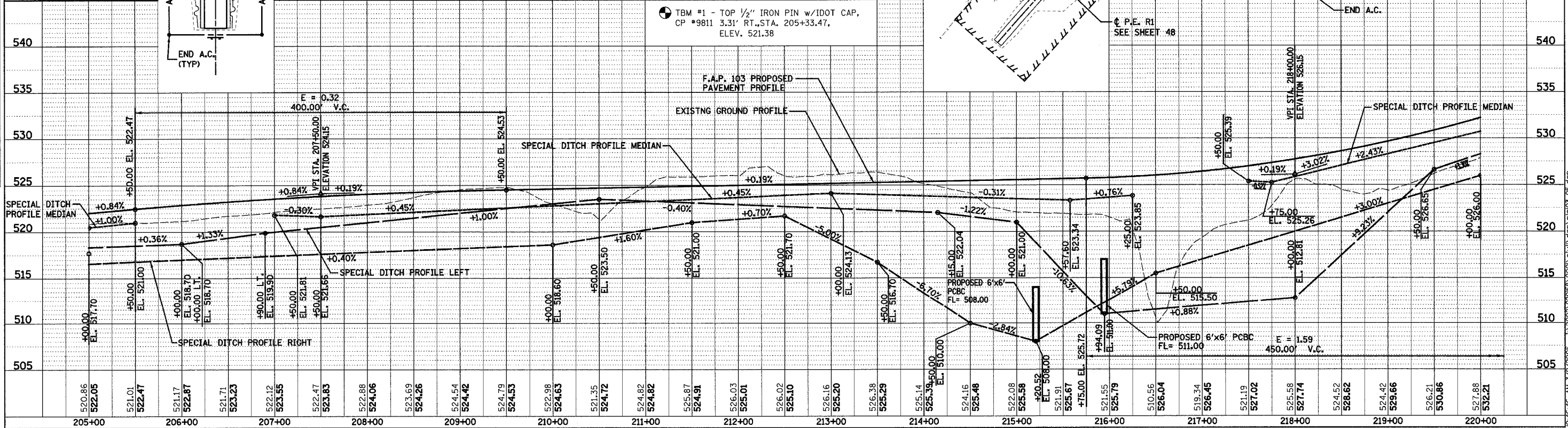
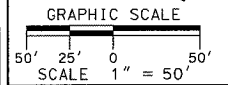
NOTE:
SEE SHEET 172 FOR INTERSECTION
DETAIL FOR PHANNIBACKER ROAD

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/100T CAP,
CP #9811 3.31' RT., STA. 205+33.47,
ELEV. 521.38

DATE	BY	REVISION

DATE	BY	REVISION

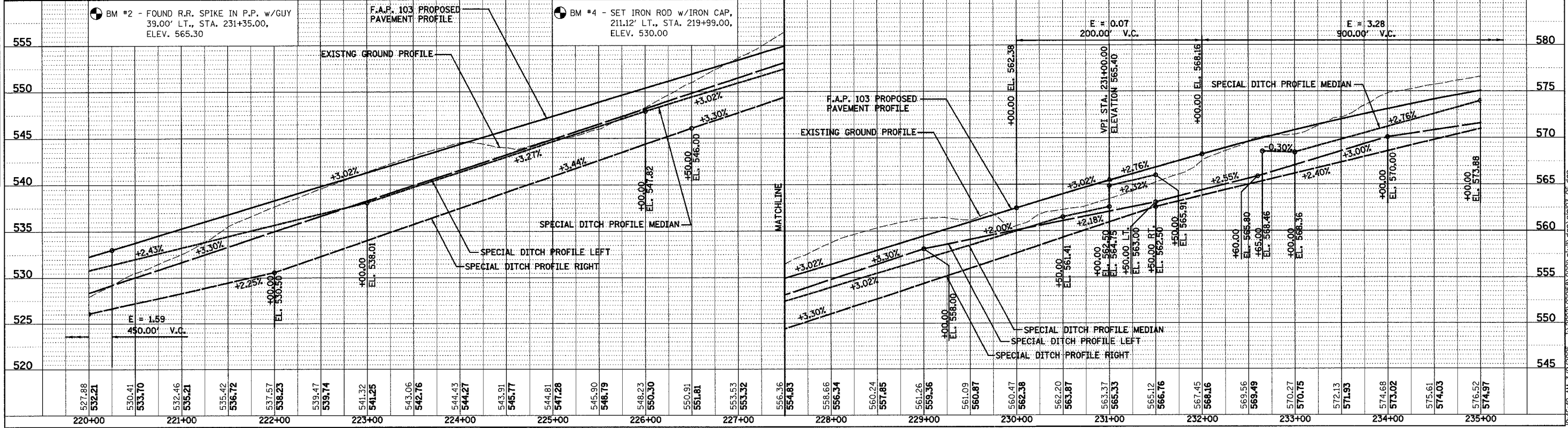
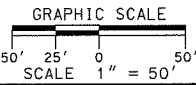
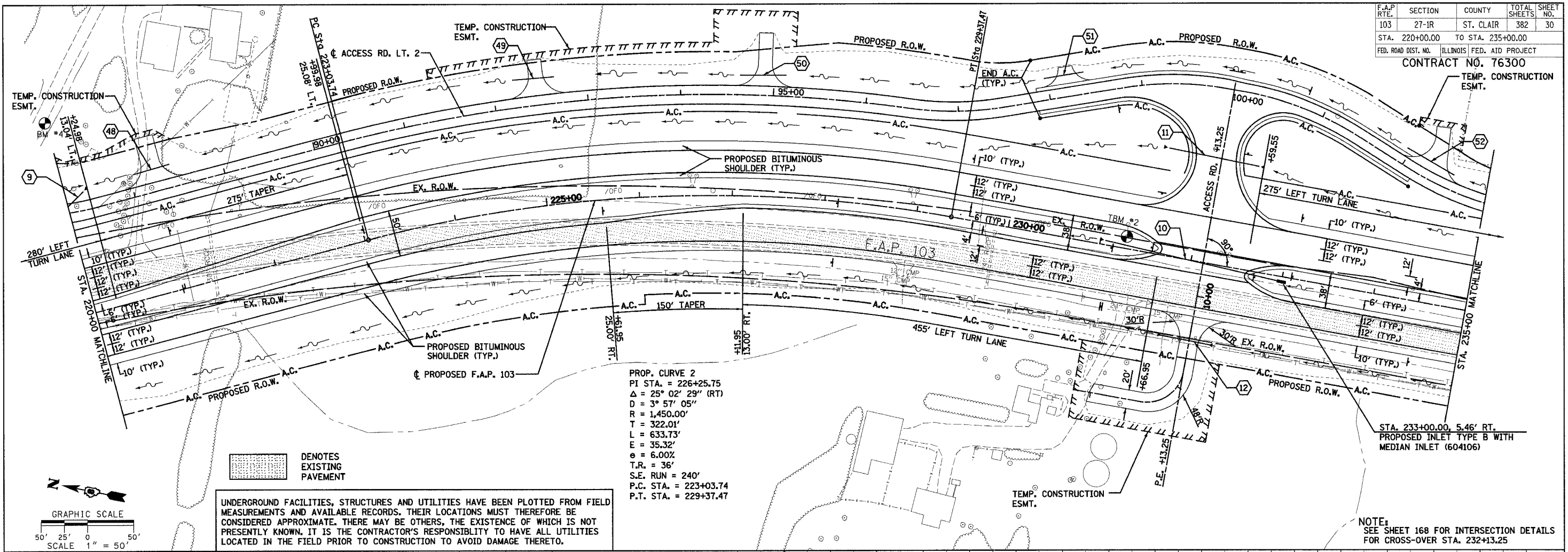


PLAN & PROFILE - F.A.P. 103

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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



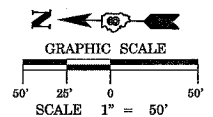
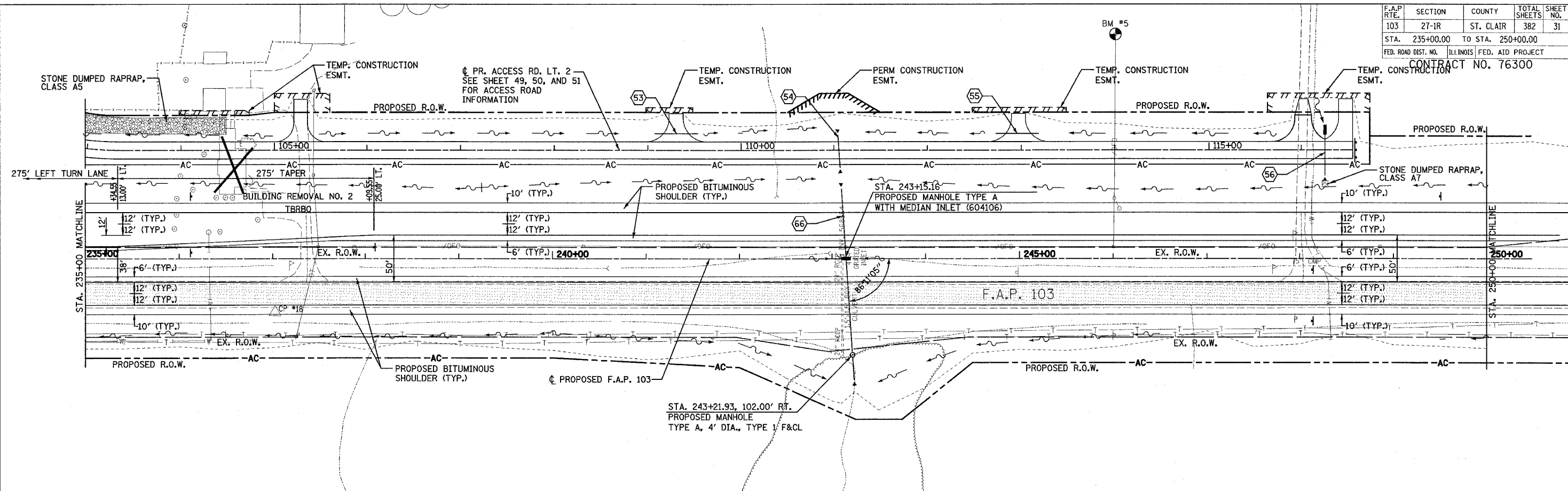
PLAN & PROFILE - F.A.P. 103

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

CONTRACT NO. 76300

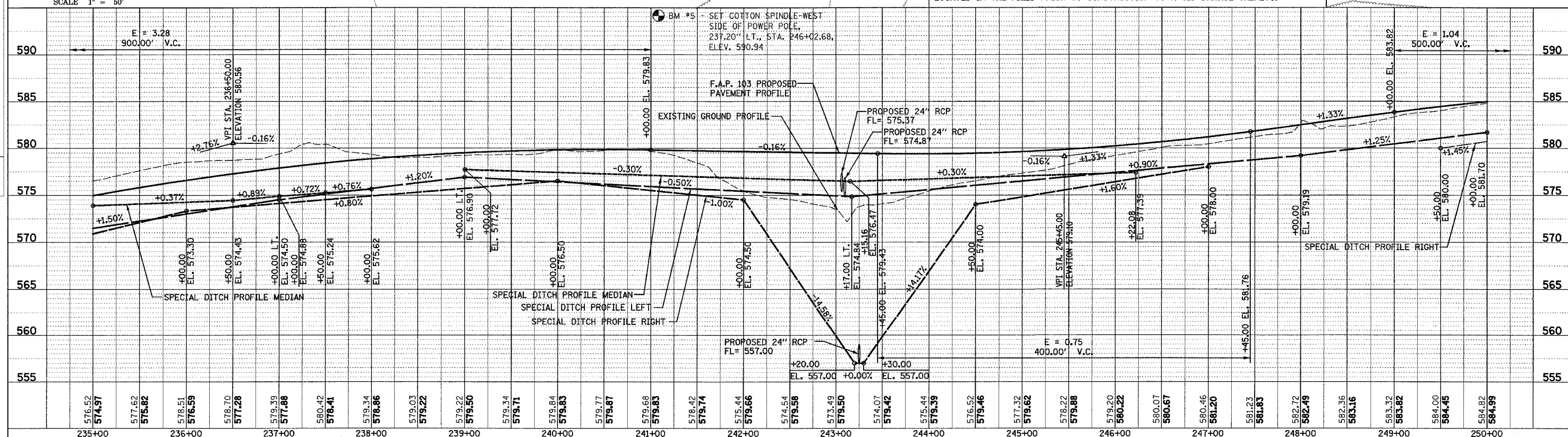
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 PLOTTED BY DATE
 CHECKED BY DATE
 NOTE BOOK NO. DATE
 CAD FILE NAME

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



DENOTES EXISTING PAVEMENT

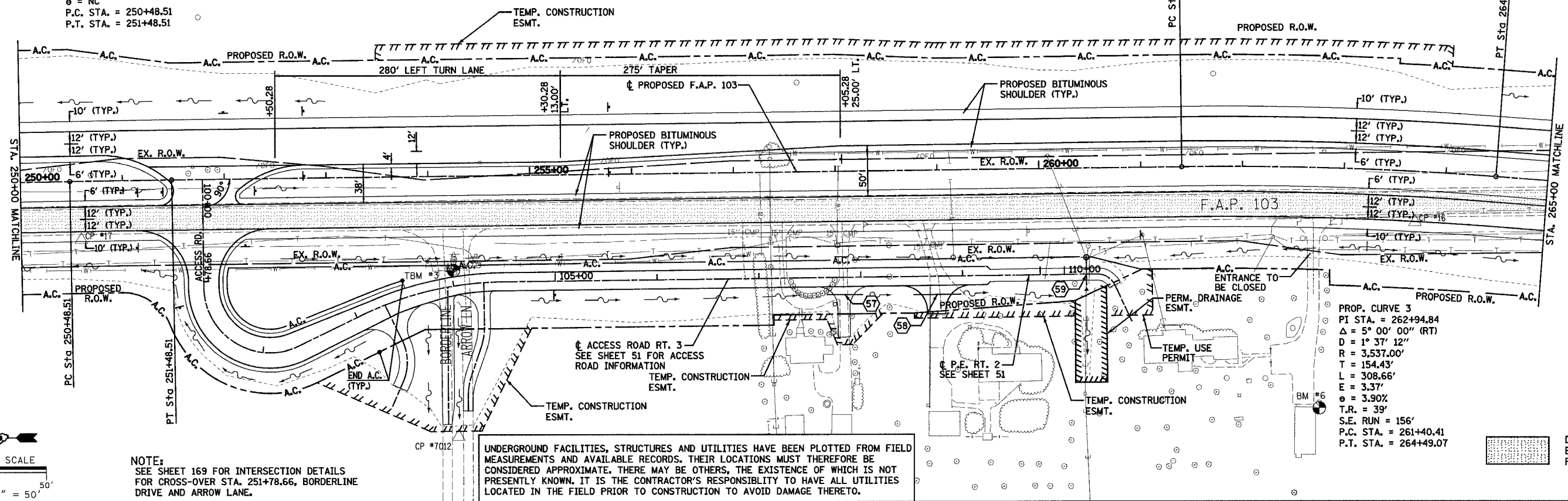
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED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



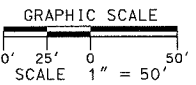
PLAN & PROFILE - F.A.P. 103

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)
 $D = 0^{\circ} 16'$
 $R = 20,343'$
 $T = 50.00'$
 $L = 100.00'$
 $E = 0.06'$
 $\epsilon = NC$
 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)
 $D = 1^{\circ} 37' 12''$
 $R = 3,537.00'$
 $T = 154.43'$
 $L = 308.66'$
 $E = 3.37'$
 $\epsilon = 3.90\%$
 $T.R. = 39'$
 S.E. RUN = 156'
 P.C. STA. = 261+40.41
 P.T. STA. = 264+49.07



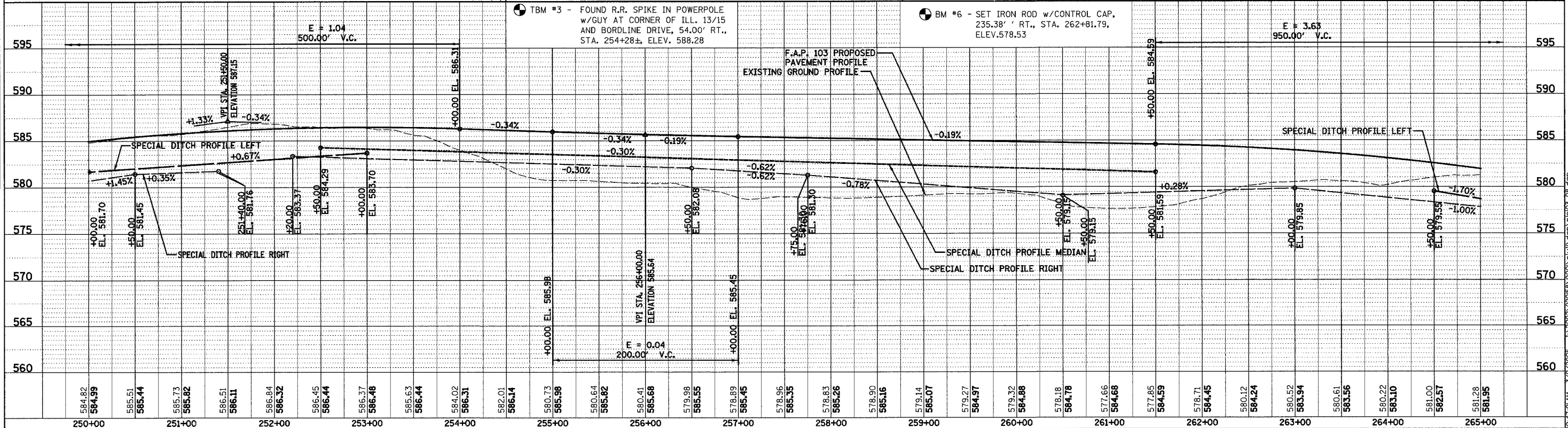
NOTE:
 SEE SHEET 169 FOR INTERSECTION DETAILS FOR CROSS-OVER STA. 251+78.66, BORDERLINE DRIVE AND ARROW LANE.

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.

DENOTES EXISTING PAVEMENT

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

DATE	BY	CHECKED

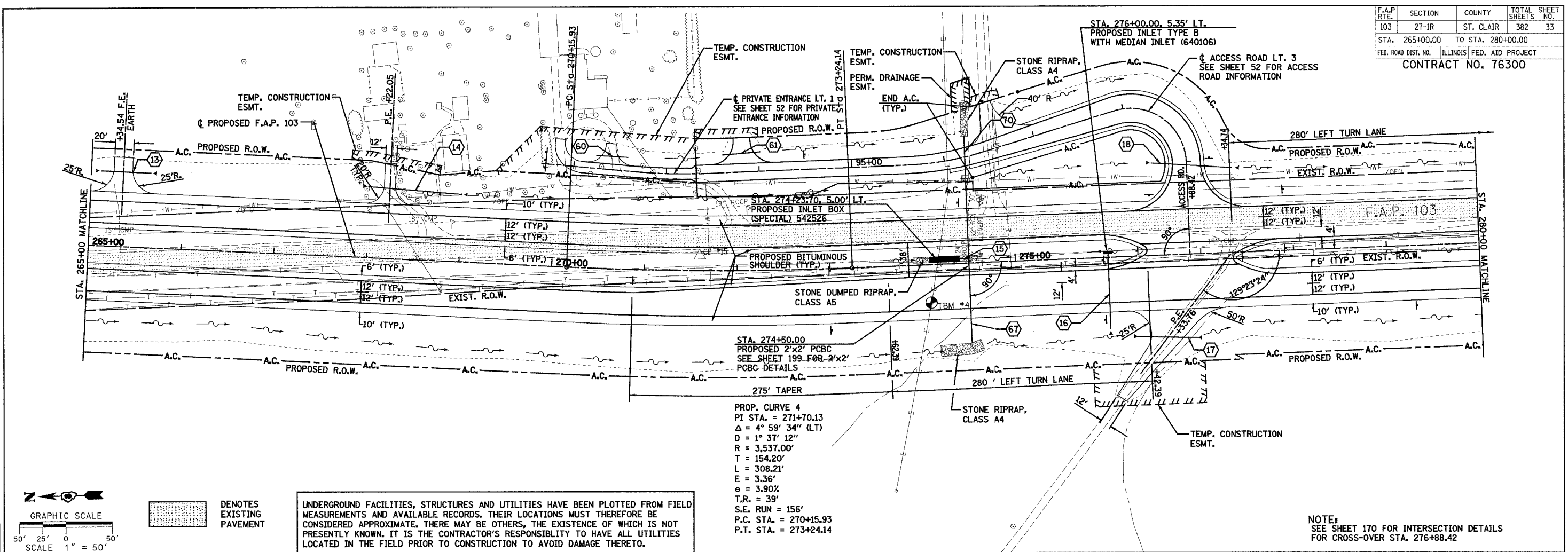
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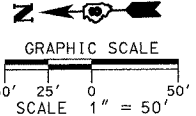
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	33
STA. 265+00.00		TO STA. 280+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	CONTRACT NO. 76300

DATE	BY	DATE	BY
PLAN	SURVEYED	DATE	BY
	NOTE BOOK		
	ALIGNED		
	CHECKED		
	NO.		
	FILE NAME		

DATE	BY	DATE	BY
PROFILE	SURVEYED	DATE	BY
	NOTE BOOK		
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	NOTATIONS		



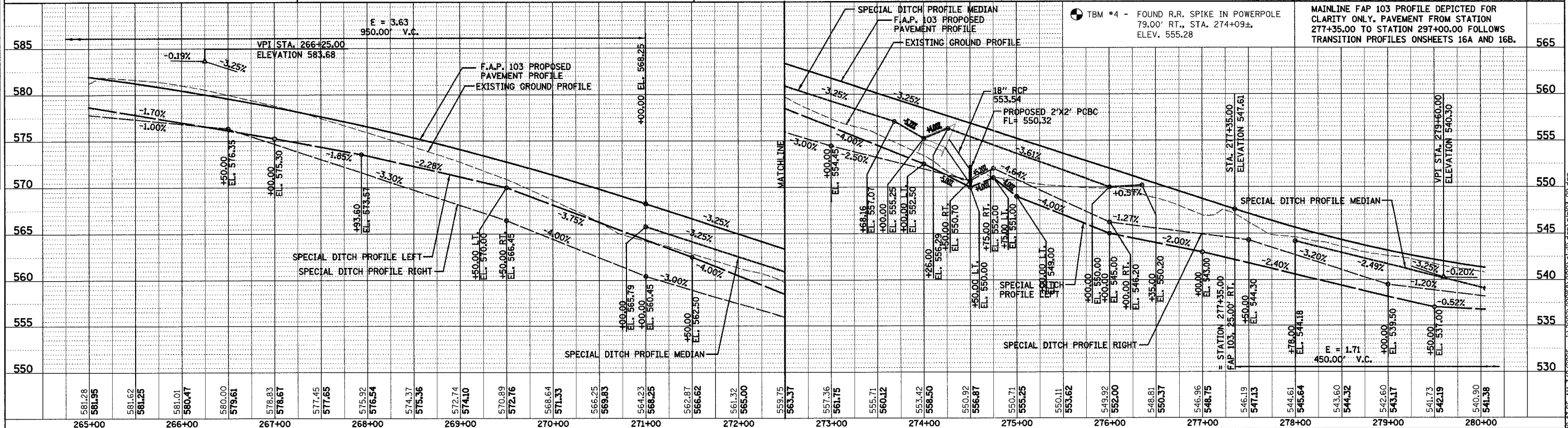
PROP. CURVE 4
 PI STA. = 271+70.13
 $\Delta = 4^\circ 59' 34''$ (LT)
 $D = 1^\circ 37' 12''$
 $R = 3,537.00'$
 $T = 154.20'$
 $L = 308.21'$
 $E = 3.36'$
 $e = 3.90'$
 $T.R. = 39'$
 $S.E. RUN = 156'$
 $P.C. STA. = 270+15.93$
 $P.T. STA. = 273+24.14$



■ DENOTES EXISTING PAVEMENT

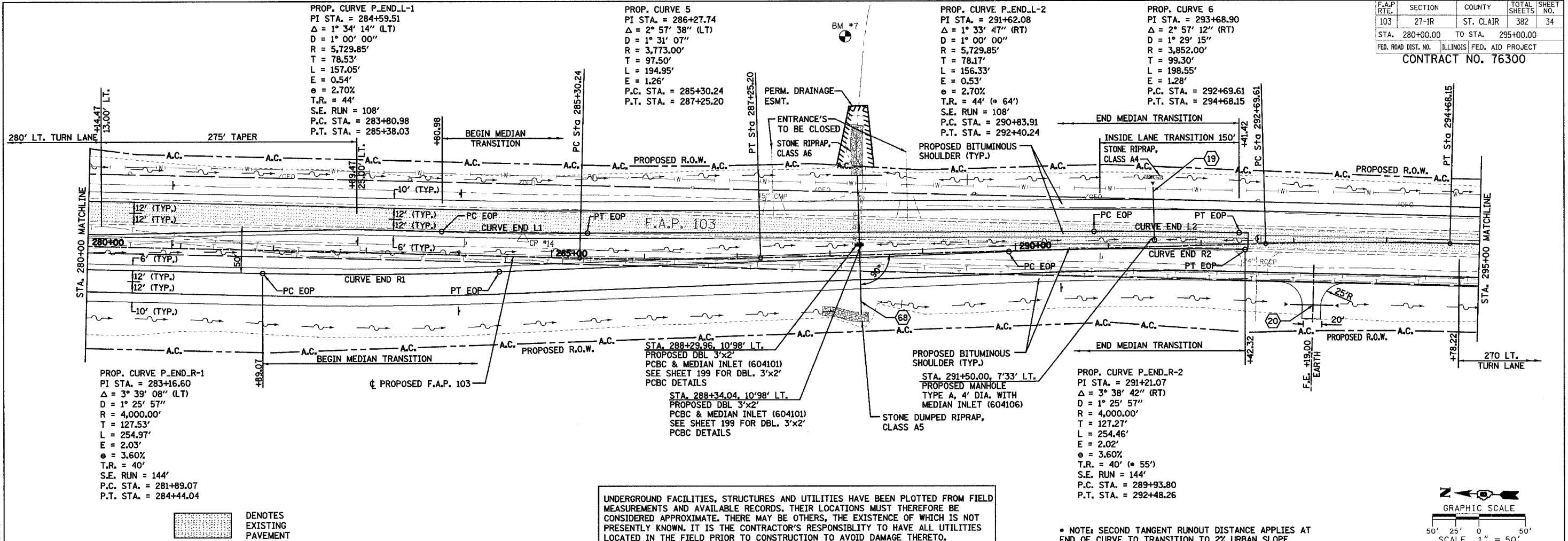
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED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

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



PLAN & PROFILE - F.A.P. 103

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

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

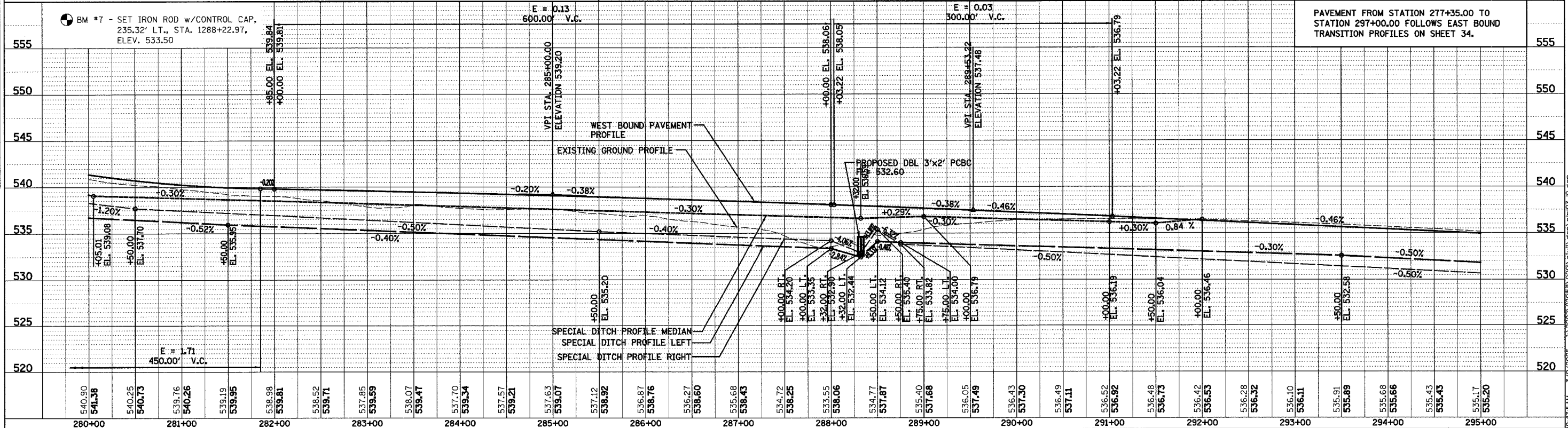
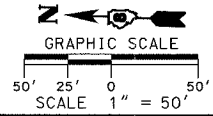
PROP. CURVE P.END.L-2
 PI STA. = 291+62.08
 $\Delta = 1^\circ 33' 47''$ (RT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.85'$
 $T = 78.17'$
 $L = 156.33'$
 $E = 0.53'$
 $\theta = 2.70\%$
 $T.R. = 44' (\approx 64')$
 $S.E. RUN = 108'$
 $P.C. STA. = 290+83.91$
 $P.T. STA. = 292+40.24$

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

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.

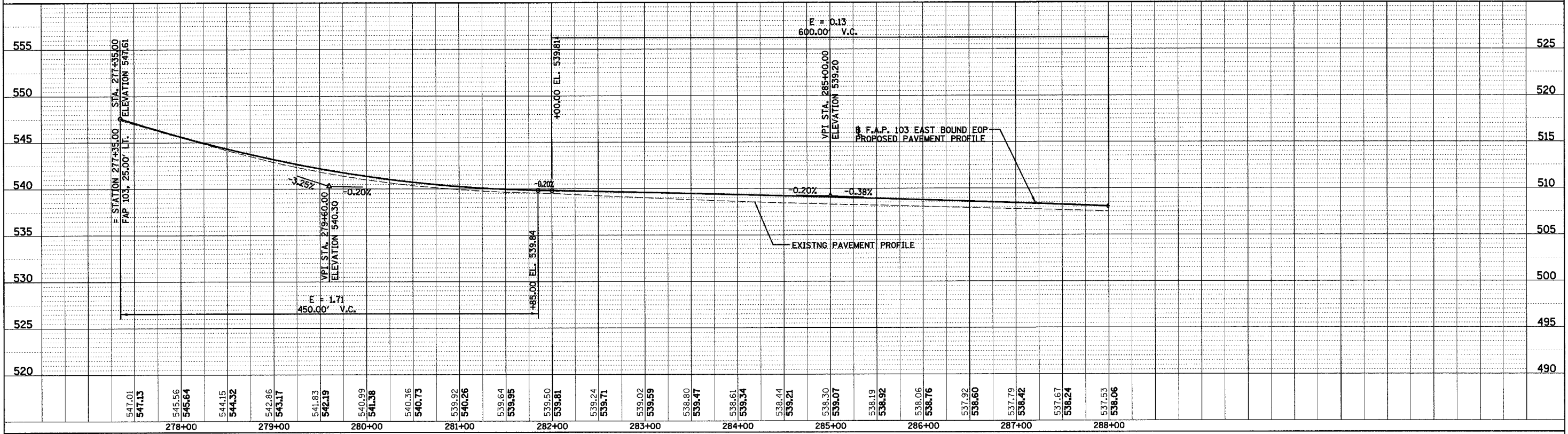
* NOTE: SECOND TANGENT RUNOUT DISTANCE APPLIES AT END OF CURVE TO TRANSITION TO 2% URBAN SLOPE



PAVEMENT FROM STATION 277+35.00 TO STATION 297+00.00 FOLLOWS EAST BOUND TRANSITION PROFILES ON SHEET 34.

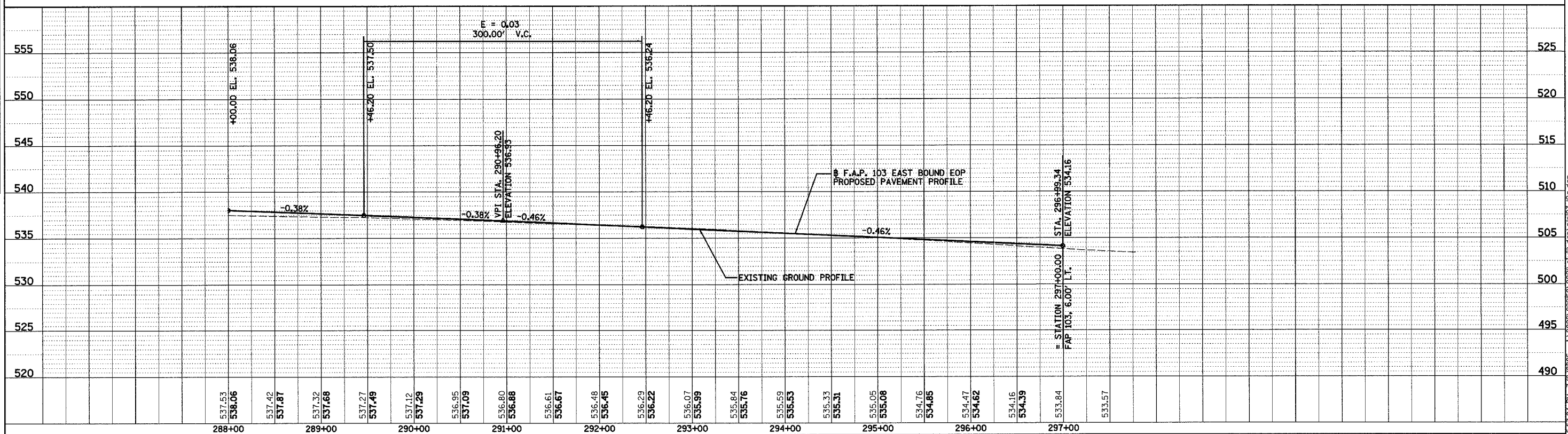
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-IR	ST. CLAIR	382	35
STA. 227+35.00		TO STA. 296+99.34		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED CHECKED	
NO.	NO.	
	NO.	
	NO.	



SEE PREVIOUS SHEET FOR PLAN ELEMENTS

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	NO.	
	NO.	
	NO.	

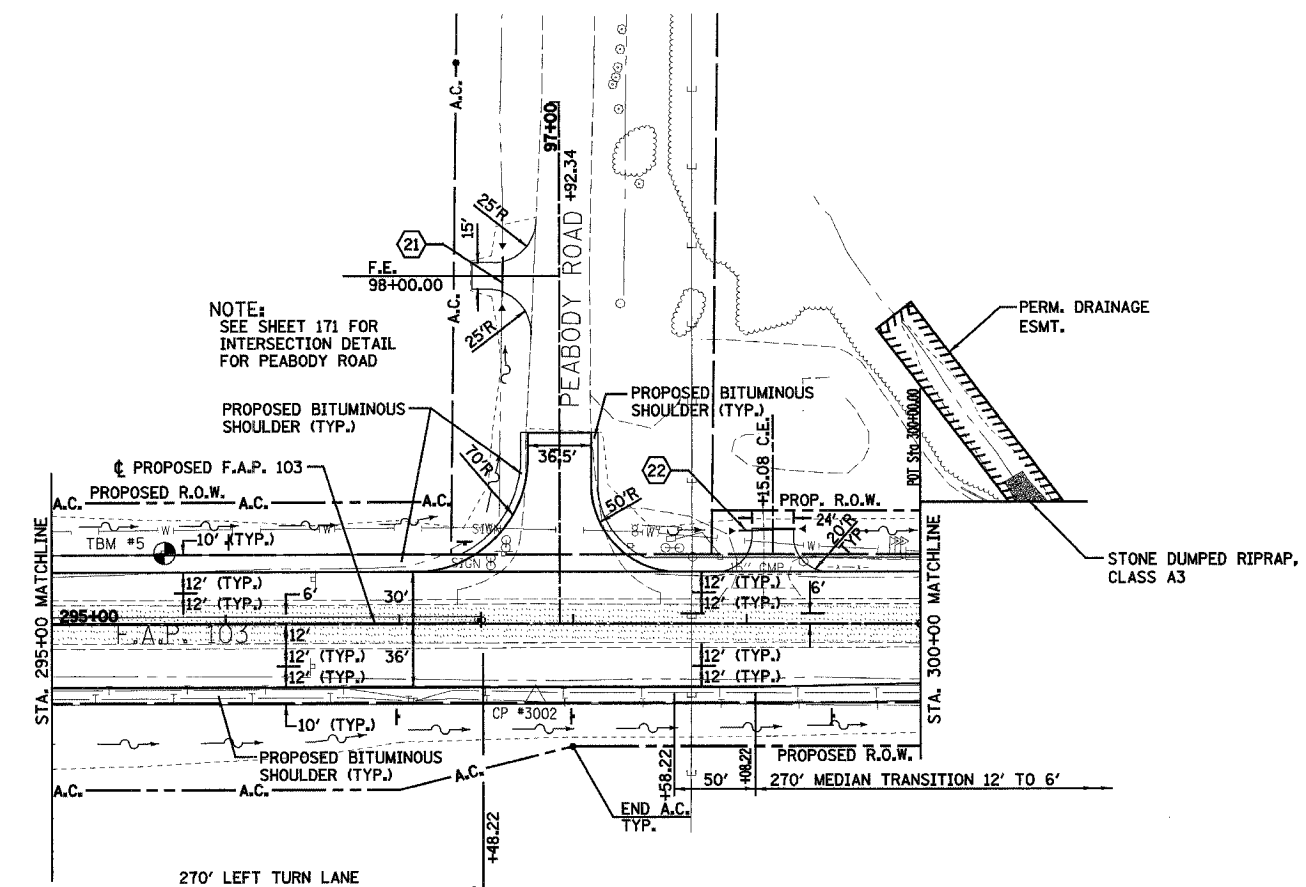


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	36
STA. 295+00.00		TO STA. 300+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76300				

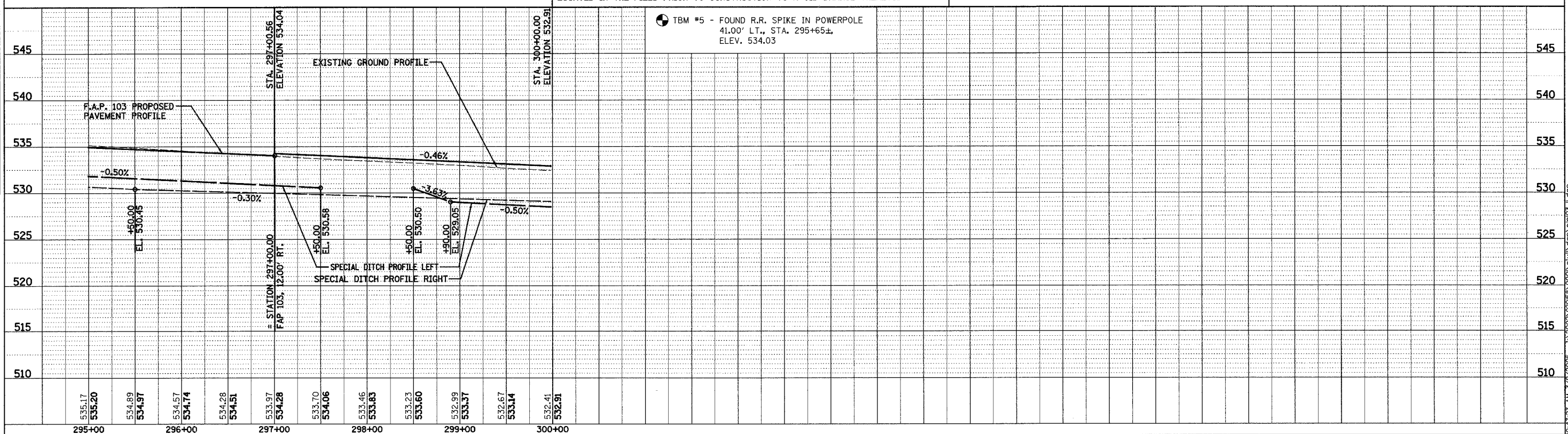
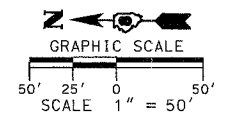
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APPROVED	
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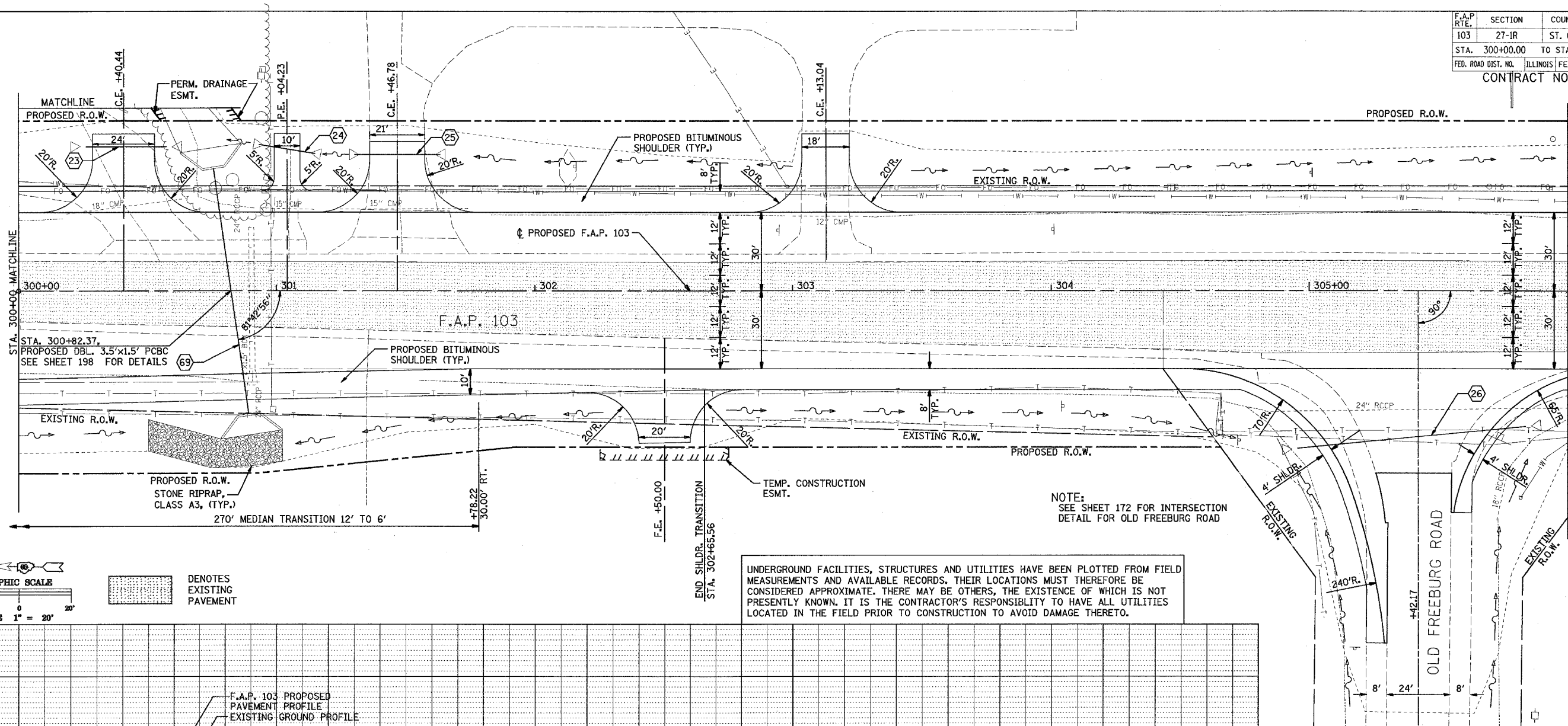
NOTE:
SEE SHEET 171 FOR
INTERSECTION DETAIL
FOR PEABODY ROAD

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.

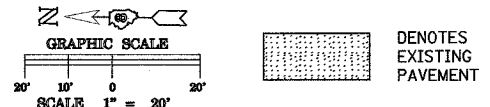


TBM #5 - FOUND R.R. SPIKE IN POWERPOLE
41.00' LT., STA. 295+65±,
ELEV. 534.03

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				

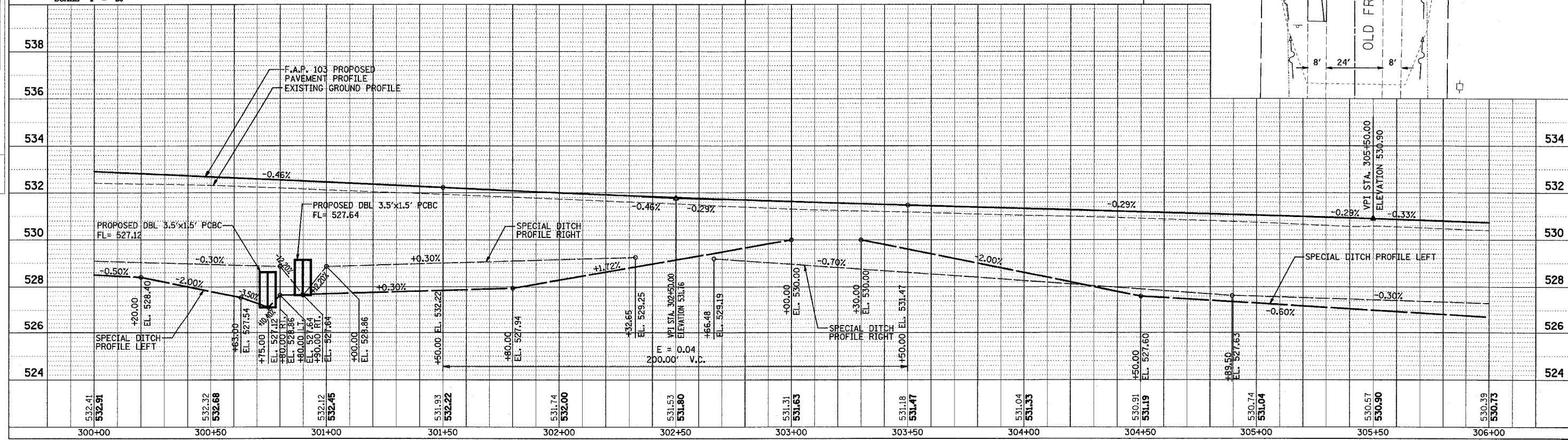


UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED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



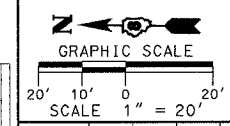
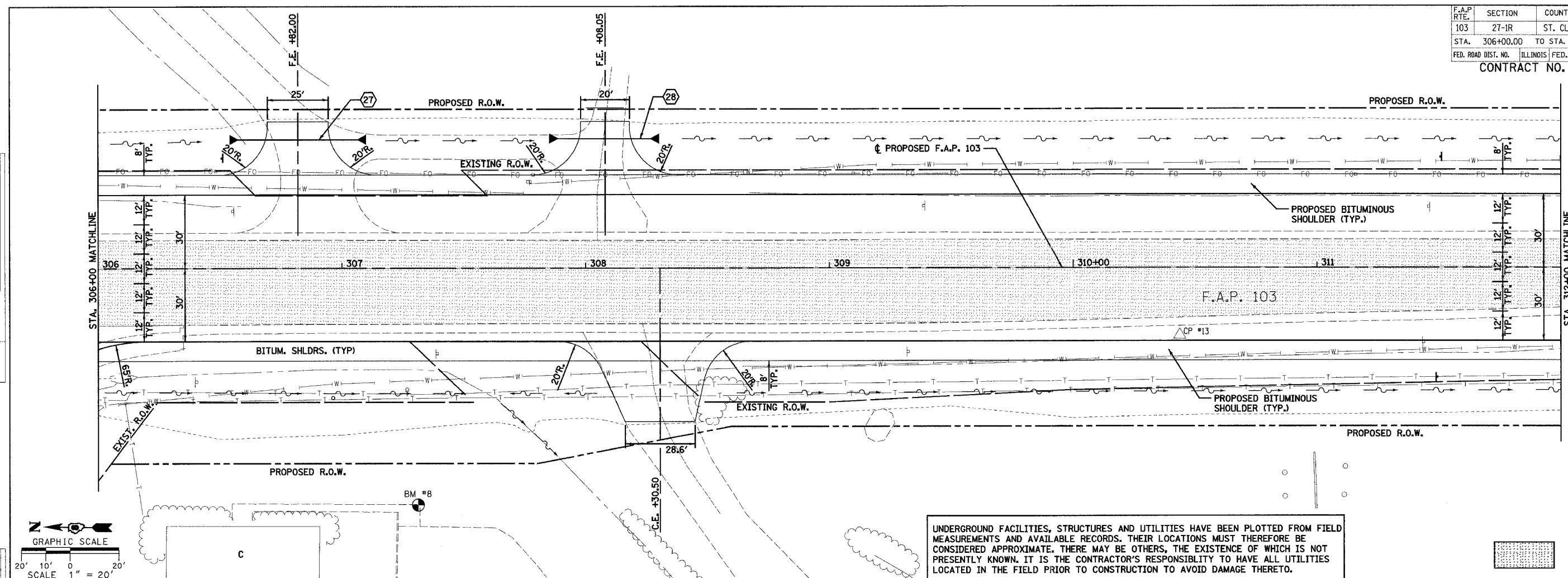
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PLAN & PROFILE - F.A.P. 103

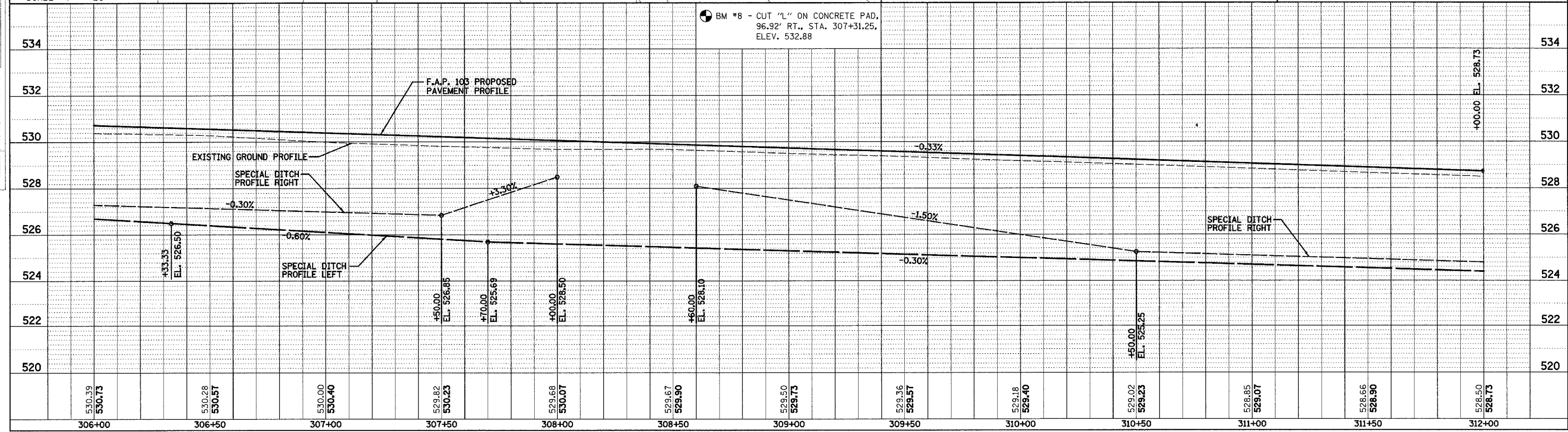
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	38
STA. 306+00.00		TO STA. 312+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76300				



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

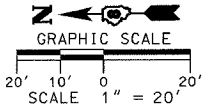
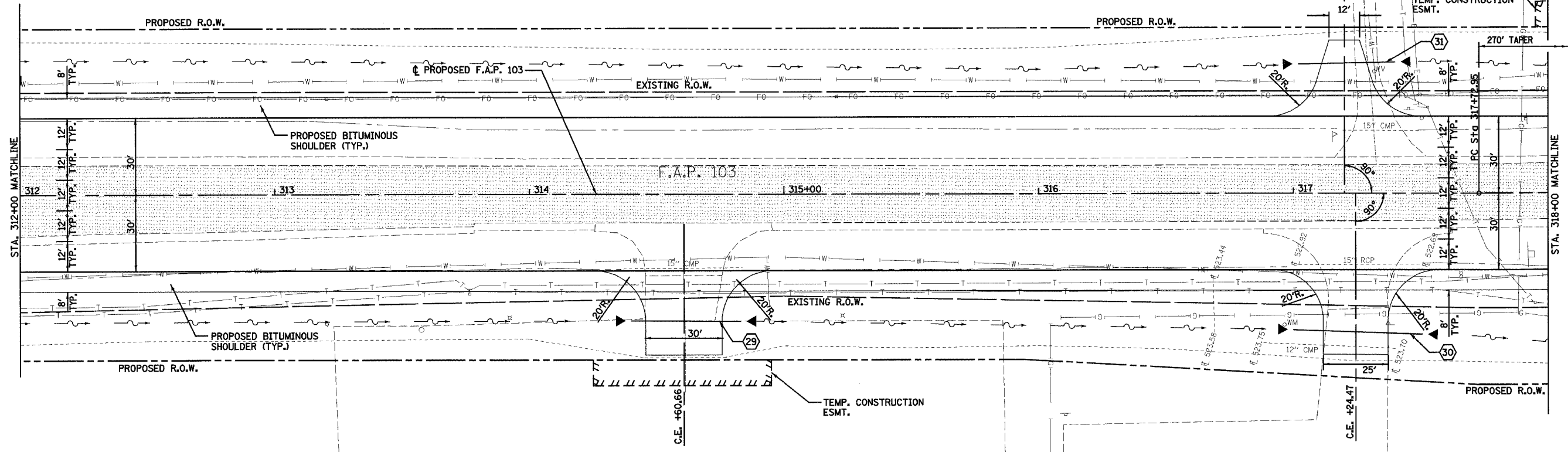
BM #8 - CUT "L" ON CONCRETE PAD, 96.92' RT., STA. 307+31.25, ELEV. 532.88



PLAN
 DATE: _____
 BY: _____
 CHECKED: _____
 IN CHARGE: _____
 NO. _____
 TITLE: _____
 PROJECT: _____

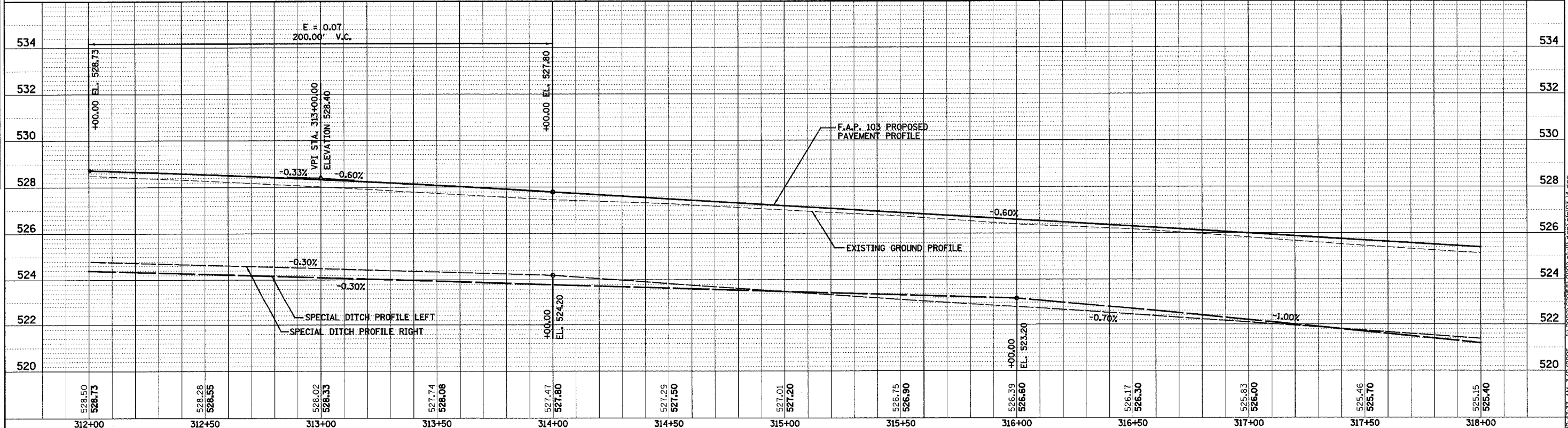
PROFILE
 DATE: _____
 BY: _____
 CHECKED: _____
 IN CHARGE: _____
 NO. _____
 TITLE: _____
 PROJECT: _____

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		
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.



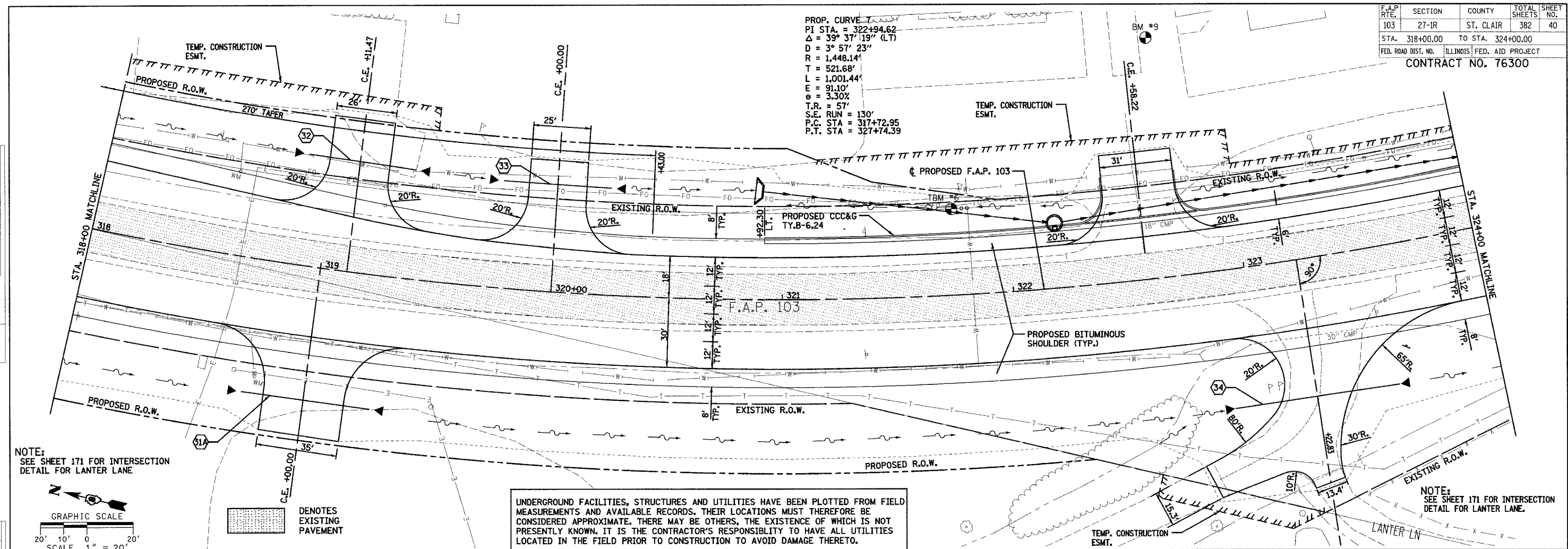
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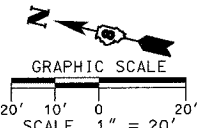
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-IR	ST. CLAIR	382	40
STA. 318+00.00		TO STA. 324+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

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



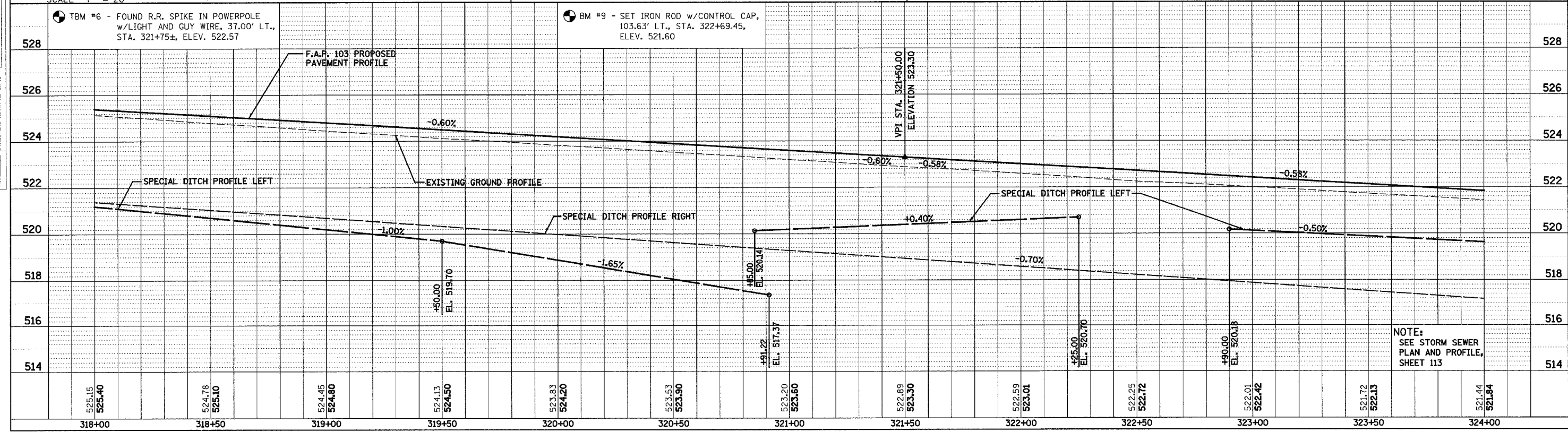
NOTE:
 SEE SHEET 171 FOR INTERSECTION
 DETAIL FOR LANTER LANE



DENOTES
 EXISTING
 PAVEMENT

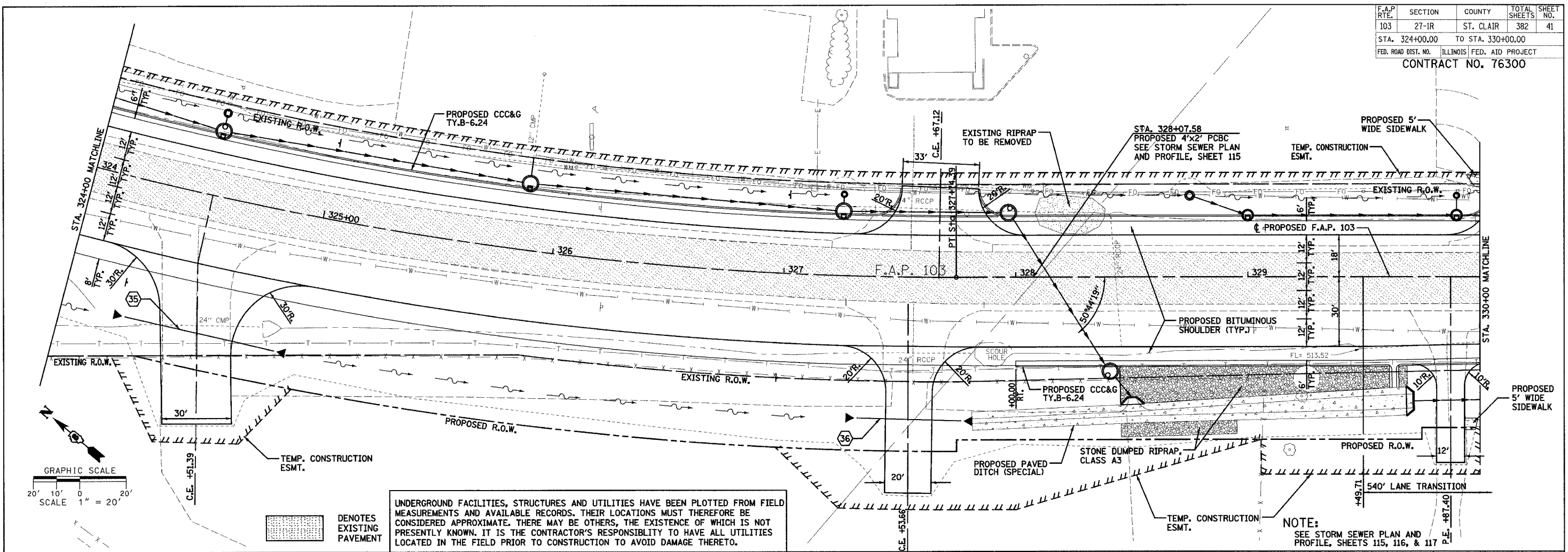
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED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

NOTE:
 SEE SHEET 171 FOR INTERSECTION
 DETAIL FOR LANTER LANE.



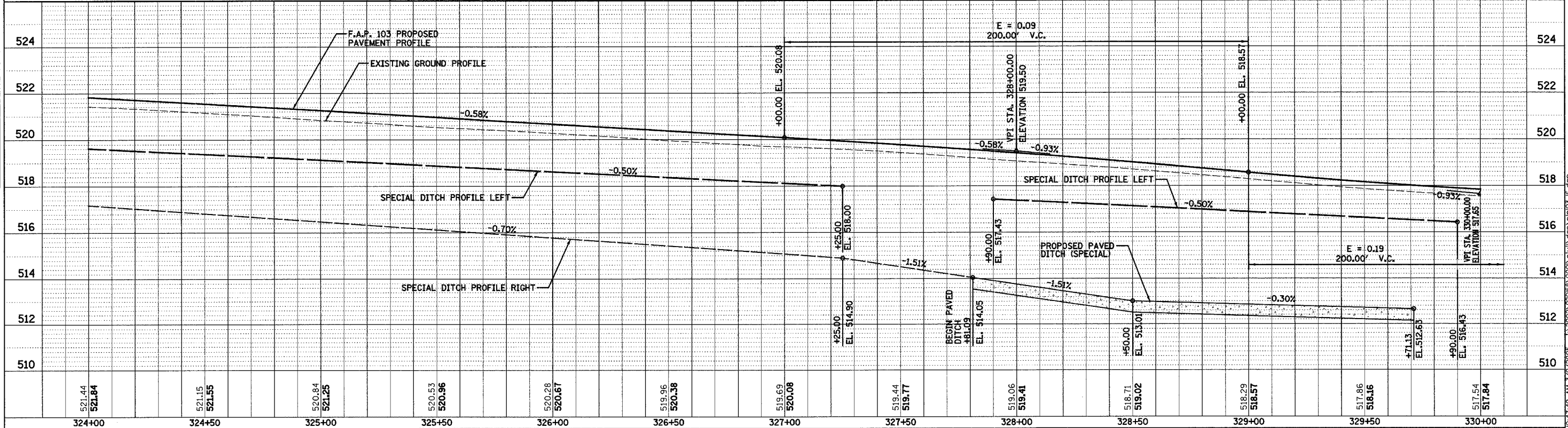
NOTE:
 SEE STORM SEWER
 PLAN AND PROFILE,
 SHEET 113

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	41
STA. 324+00.00		TO STA. 330+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 STORM SEWER PLAN AND PROFILE, SHEETS 115, 116, & 117



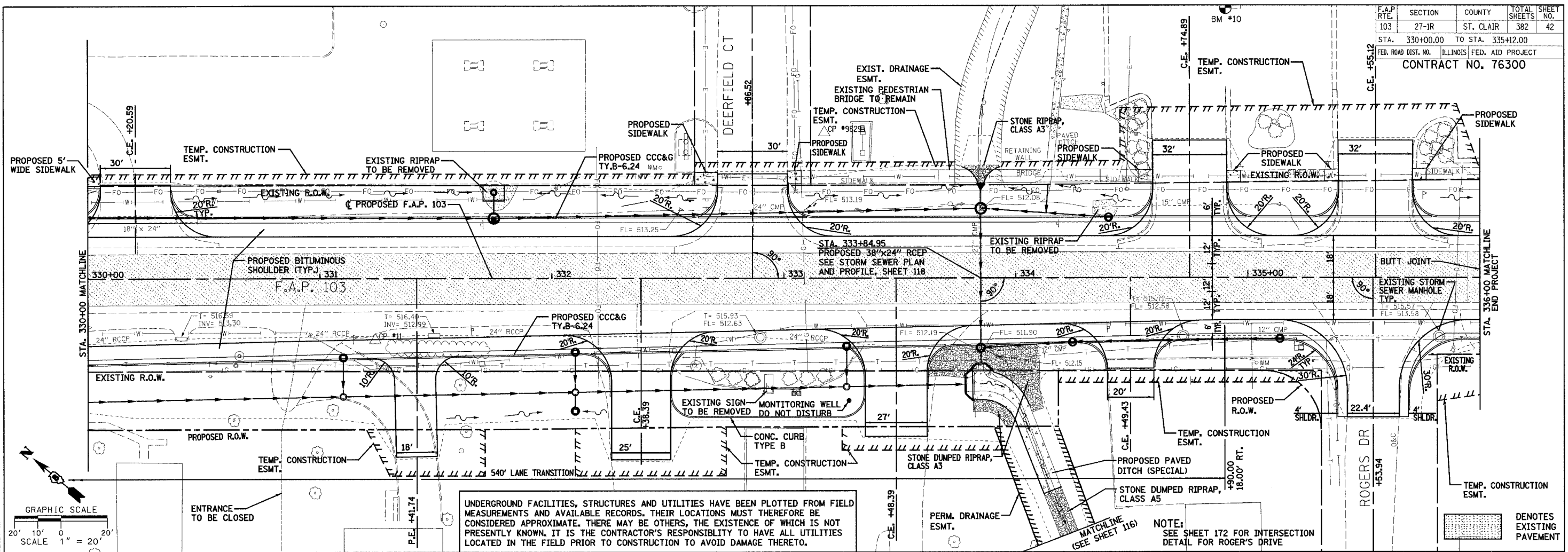
PLAN & PROFILE - F.A.P. 103

DATE	BY	REVISION
PLAN		
SURVEYED		
GRADES CHECKED		
ALIGNMENT CHECKED		
NOTE BOOK NO.		
SCALE		
DRAWN BY		
CHECKED BY		
DATE		

DATE	BY	REVISION
PROFILE		
SURVEYED		
GRADES CHECKED		
ALIGNMENT CHECKED		
NOTE BOOK NO.		
SCALE		
DRAWN BY		
CHECKED BY		
DATE		

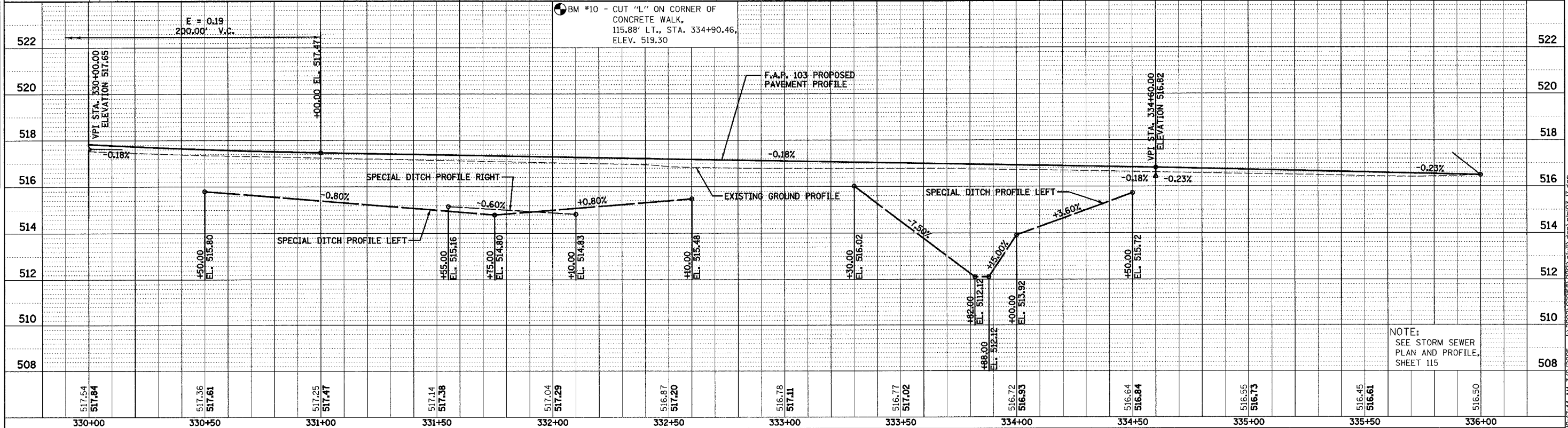
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	42
STA.	330+00.00	TO STA.	335+12.00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 76300	



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 172 FOR INTERSECTION DETAIL FOR ROGER'S DRIVE

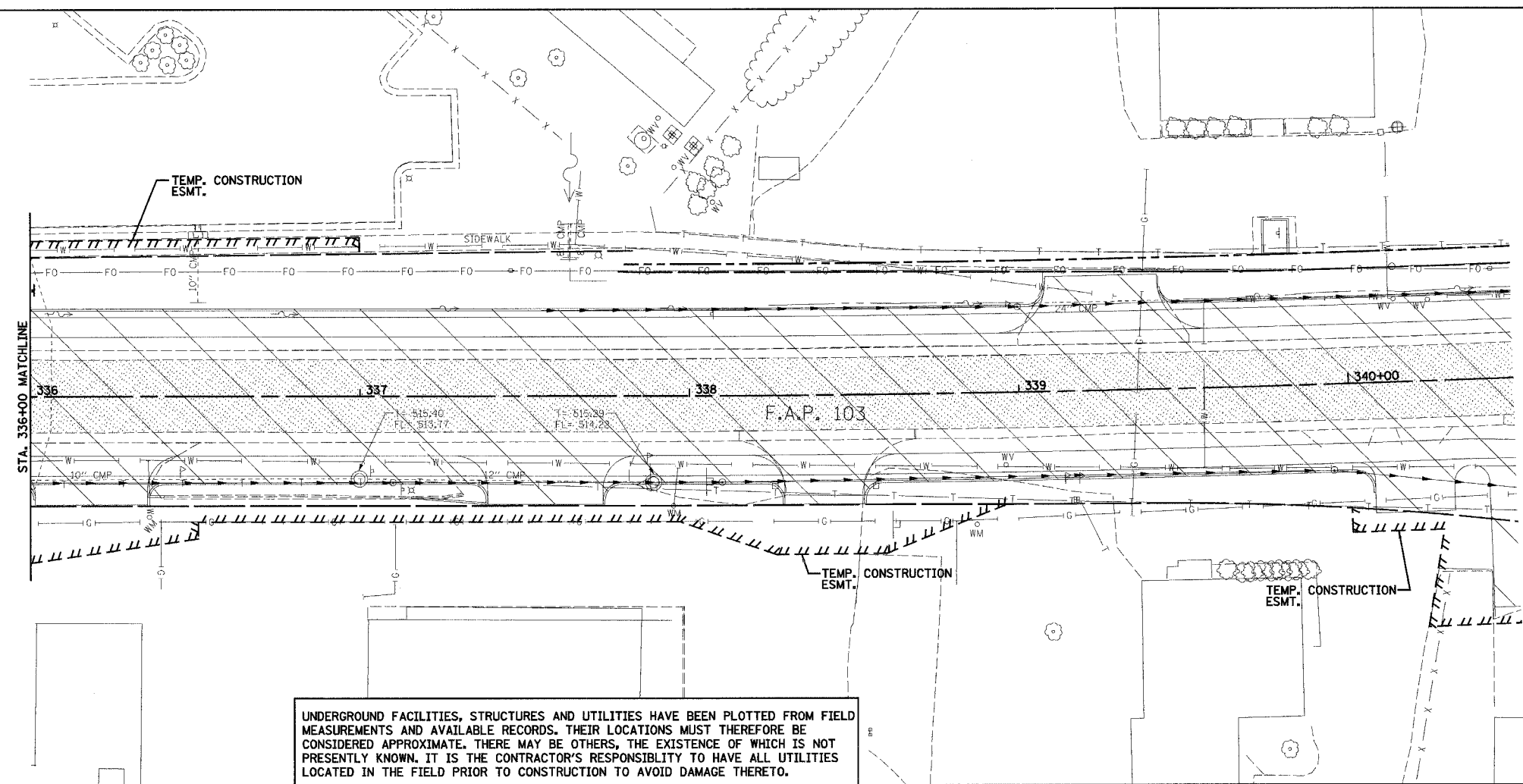


NOTE: SEE STORM SEWER PLAN AND PROFILE, SHEET 115



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				

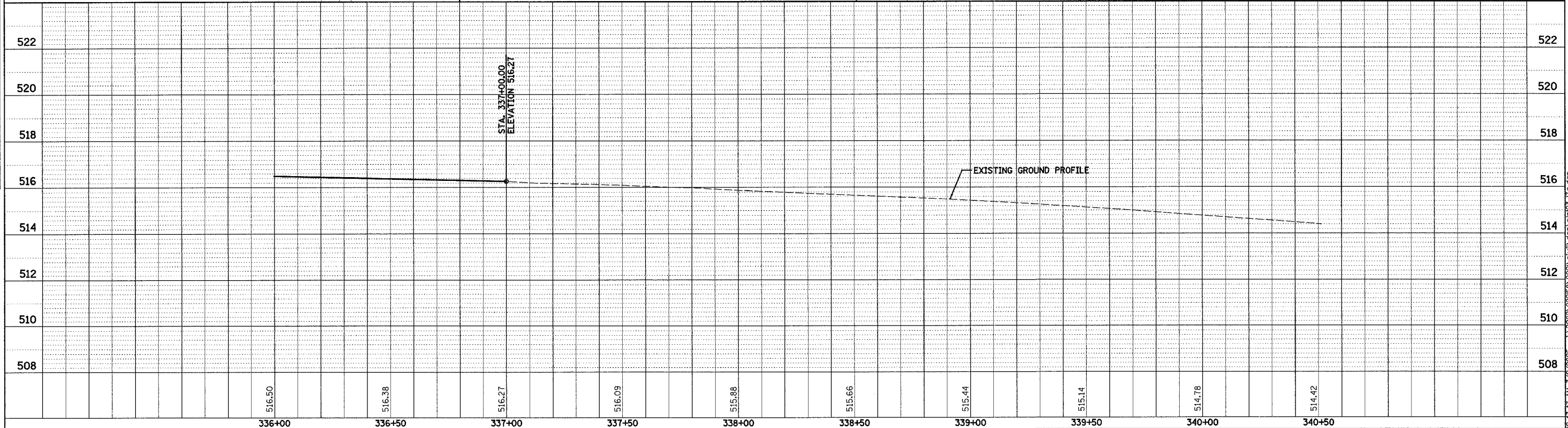
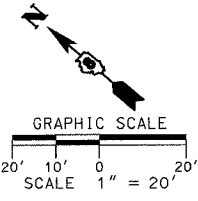
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PLAN	DATE	BY	DATE

DATE	BY	DATE	BY
PROFILE	DATE	BY	DATE



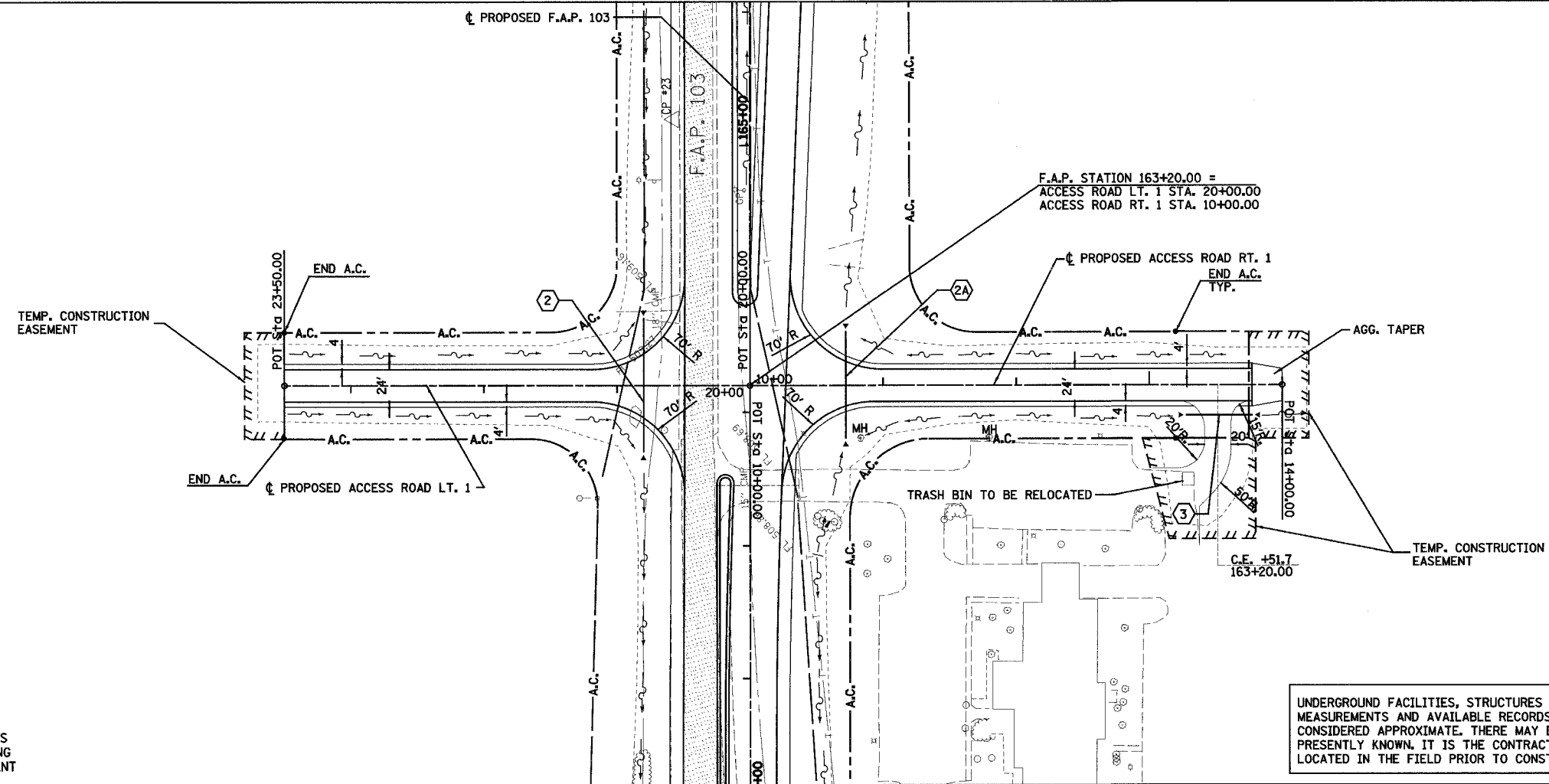
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED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

-  DENOTES WORK BY OTHERS
-  DENOTES EXISTING PAVEMENT

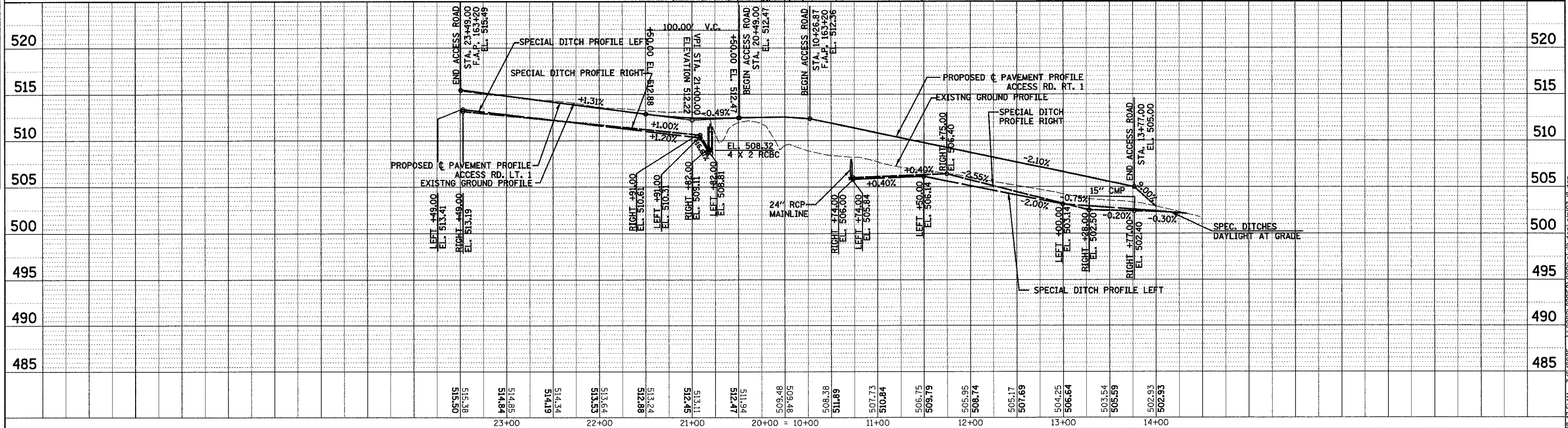
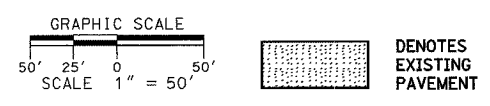


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	44
STA. 81+91.16		TO STA. 96+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76300				



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.



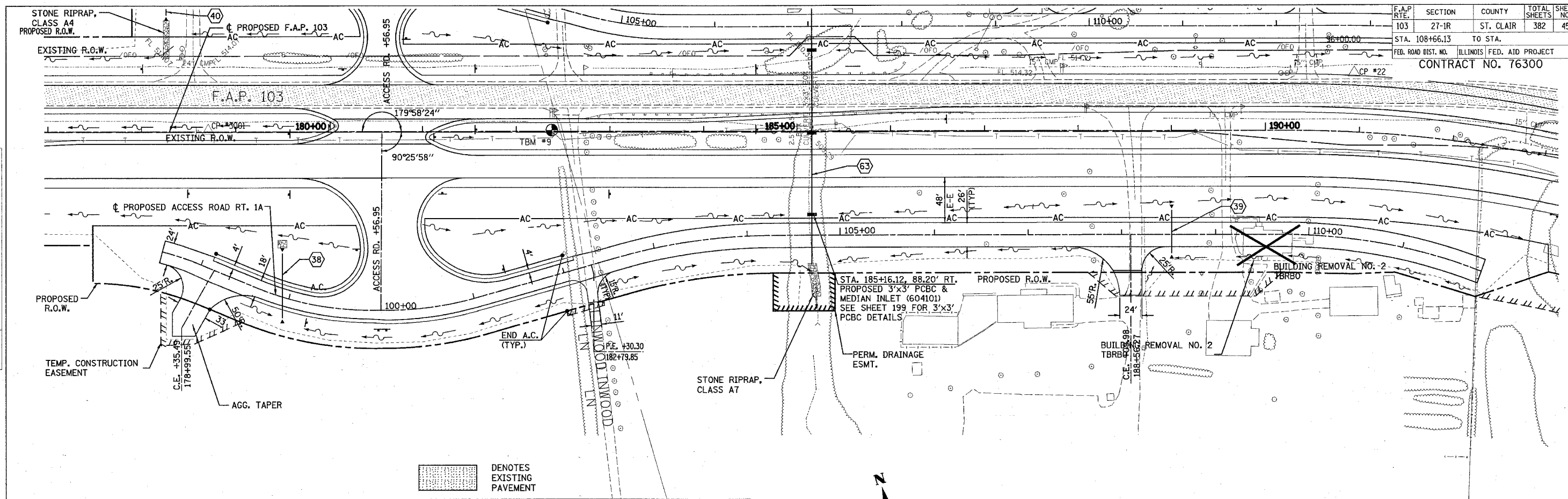
PLAN & PROFILE - ACCESS ROAD RT. 1, LT. 1

DATE	BY	REVISION

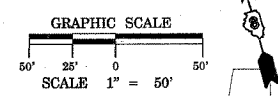
DATE	BY	REVISION

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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				

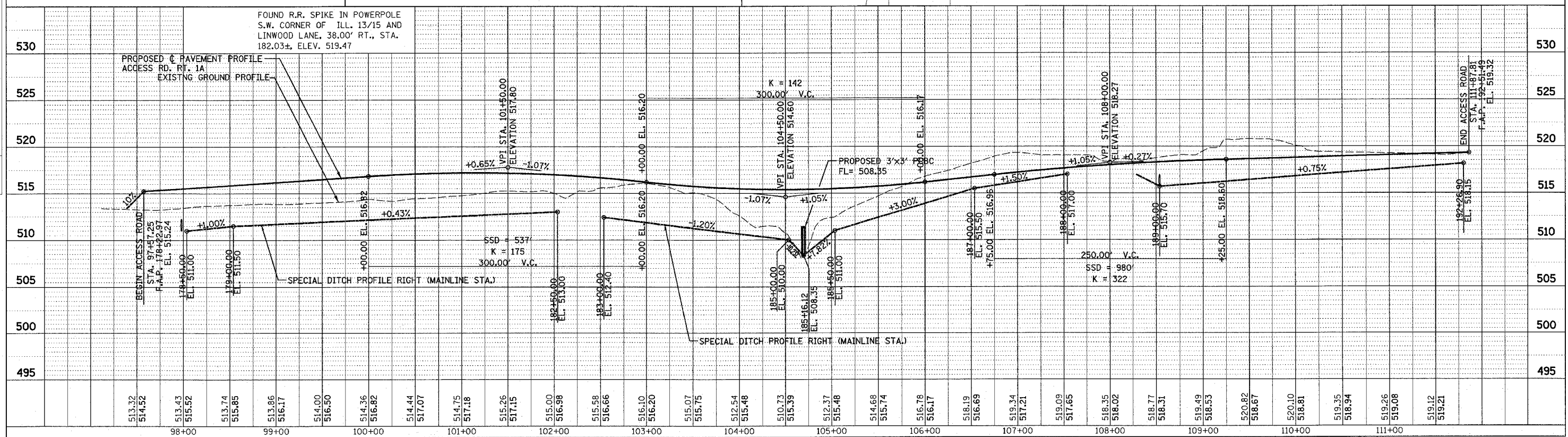


UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED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



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PLAN & PROFILE - ACCESS ROAD RT. 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				

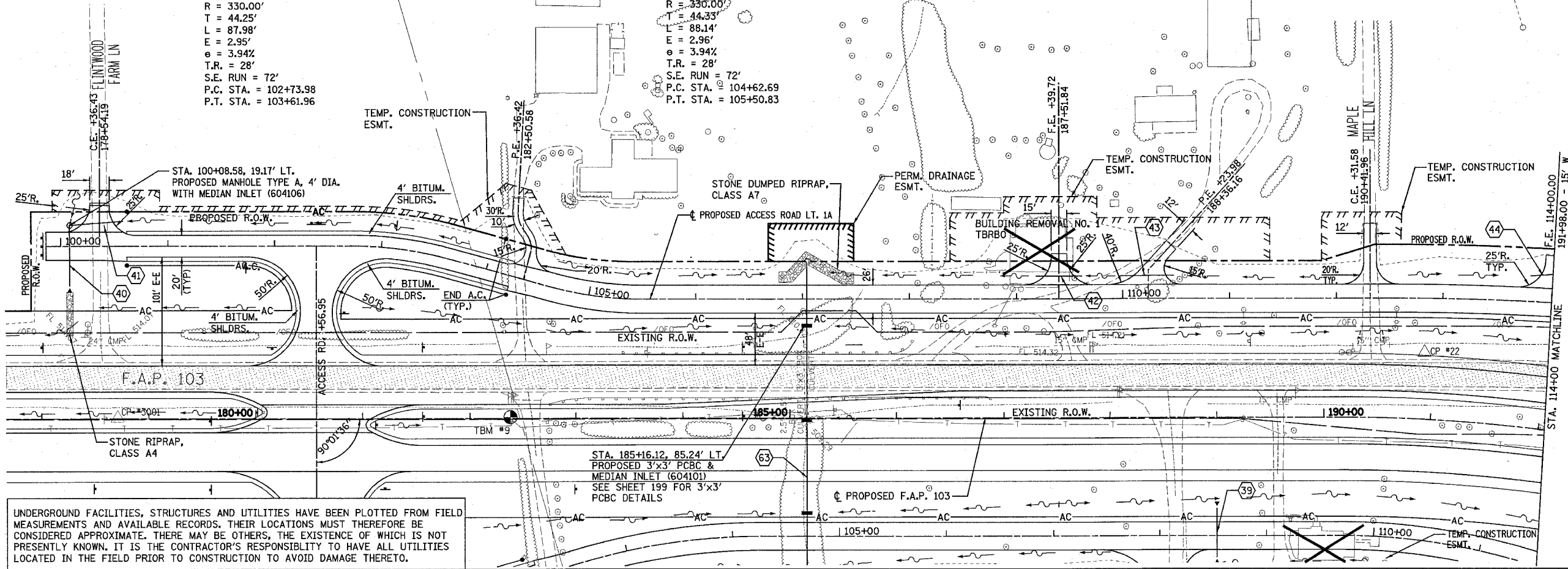
PROP. CURVE P_AR_L1A-1
 PI STA. = 103+18.23
 $\Delta = 15^\circ 16' 32''$ (RT)
 $D = 17^\circ 21' 44''$
 $R = 330.00'$
 $T = 44.25'$
 $L = 87.98'$
 $E = 2.95'$
 $e = 3.94\%$
 $T.R. = 28'$
 $S.E. RUN = 72'$
 $P.C. STA. = 102+73.98$
 $P.T. STA. = 103+61.96$

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

PLAN	DATE
REVISIONS	BY
NO. 1	
NO. 2	
NO. 3	
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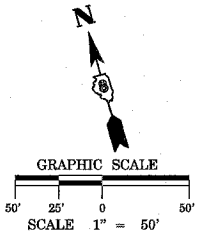
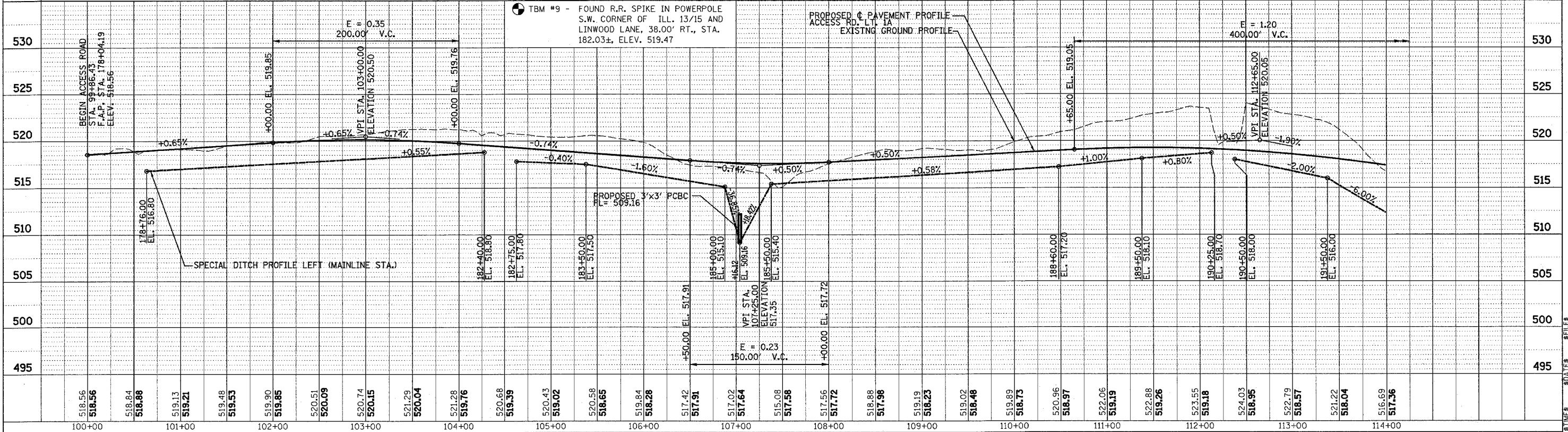
PROFILE	DATE
REVISIONS	BY
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NO. 3	
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UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. 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.

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

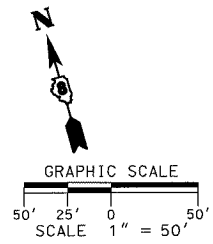
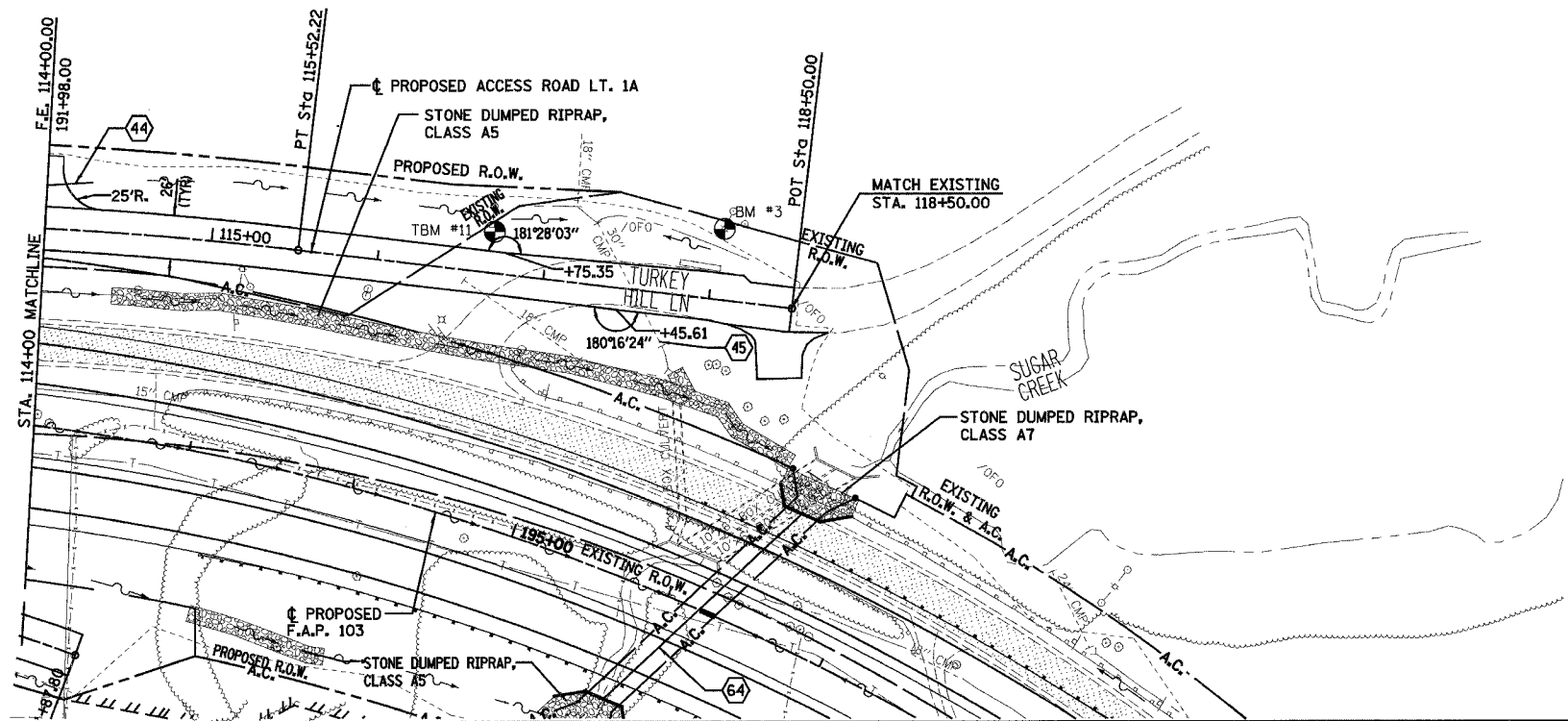
PROPOSED PAVEMENT PROFILE
 ACCESS RD. LT. 1A
 EXISTING GROUND PROFILE



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	

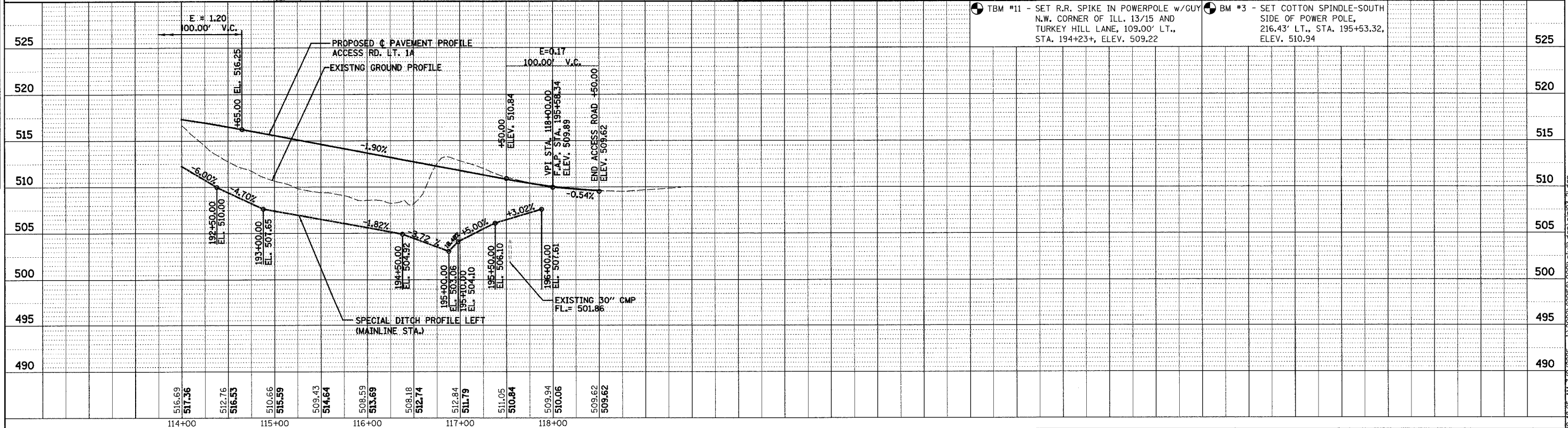
PROP. CURVE P-AR-L1A-3
 PI STA. = 114+02.90
 $\Delta = 6^\circ 51' 09''$ (RT)
 $D = 2^\circ 17' 31''$
 $R = 2,500.00'$
 $T = 149.68'$
 $L = 299.00'$
 $E = 4.48'$
 $e = 1.56\%$
 $T.R. = 27'$
 $S.E. RUN = 27'$
 $P.C. STA. = 112+53.22$
 $P.T. STA. = 115+52.22$



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

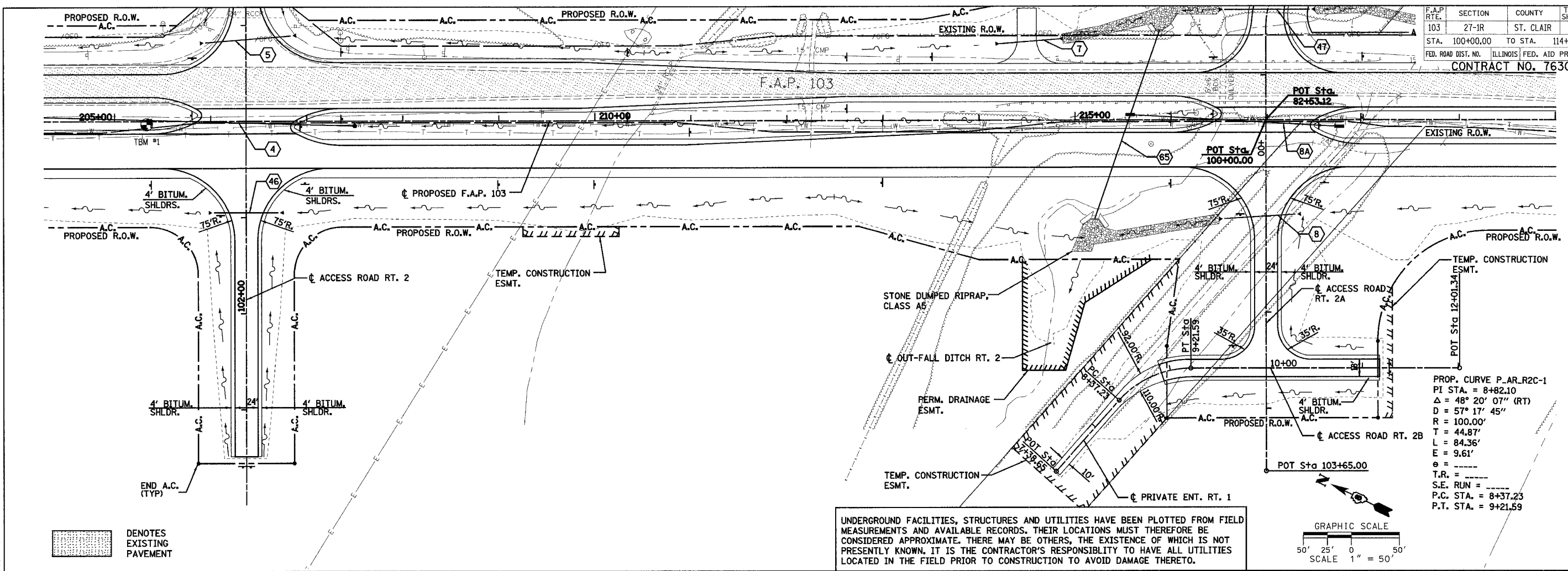
● TBM #11 - SET R.R. SPIKE IN POWERPOLE w/GUY N.W. CORNER OF ILL. 13/15 AND TURKEY HILL LANE, 109.00' LT., STA. 194+23+, ELEV. 509.22
 ● BM #3 - SET COTTON SPINDLE-SOUTH SIDE OF POWER POLE, 216.43' LT., STA. 195+53.32, ELEV. 510.94



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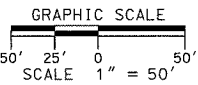
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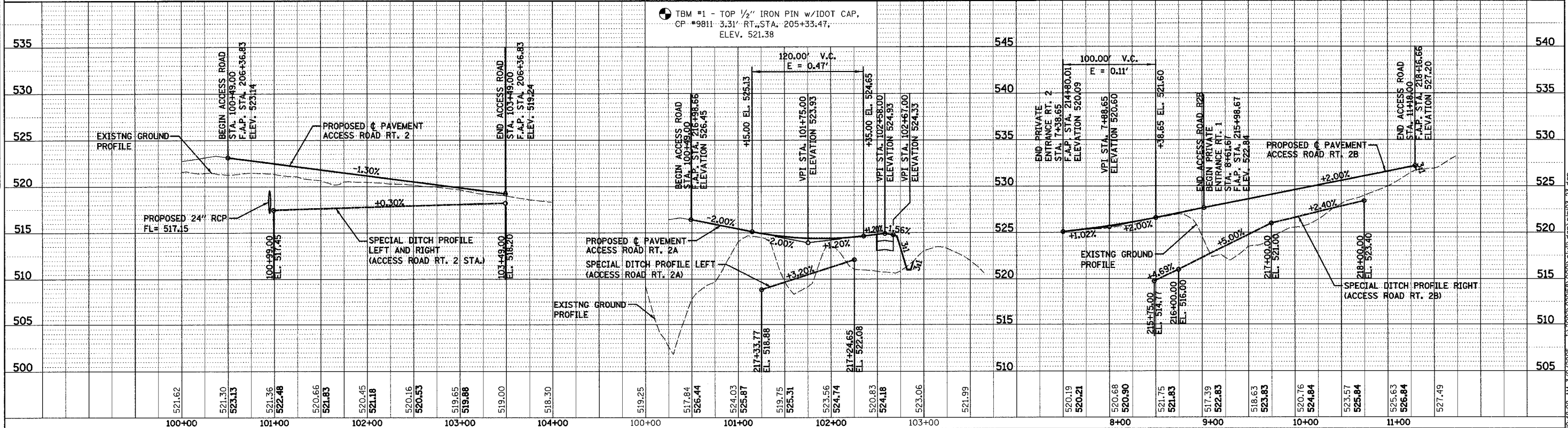
PROP. CURVE P_AR_R2C-1
 PI STA. = 8+82.10
 $\Delta = 48^\circ 20' 07''$ (RT)
 $D = 57' 17' 45''$
 $R = 100.00'$
 $T = 44.87'$
 $L = 84.36'$
 $E = 9.61'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 8+37.23$
 $P.T. STA. = 9+21.59$

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

PLAN & PROFILE - ACCESS ROAD RT. 2

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

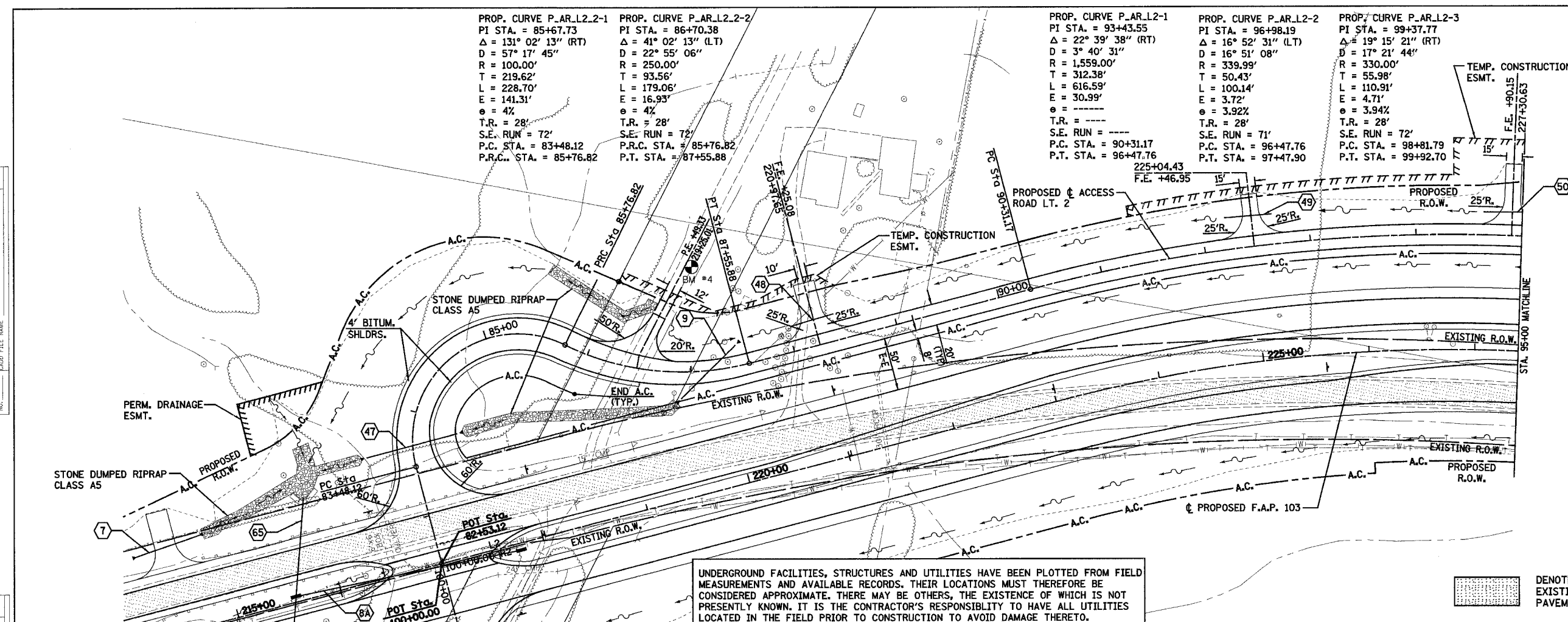
PROP. CURVE P.AR.L2.2-1
 PI STA. = 85+67.73
 $\Delta = 131^\circ 02' 13''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 219.62'$
 $L = 228.70'$
 $E = 141.31'$
 $e = 4\%$
 $T.R. = 28'$
 $S.E. RUN = 72'$
 $P.C. STA. = 83+48.12$
 $P.R.C. STA. = 85+76.82$

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

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

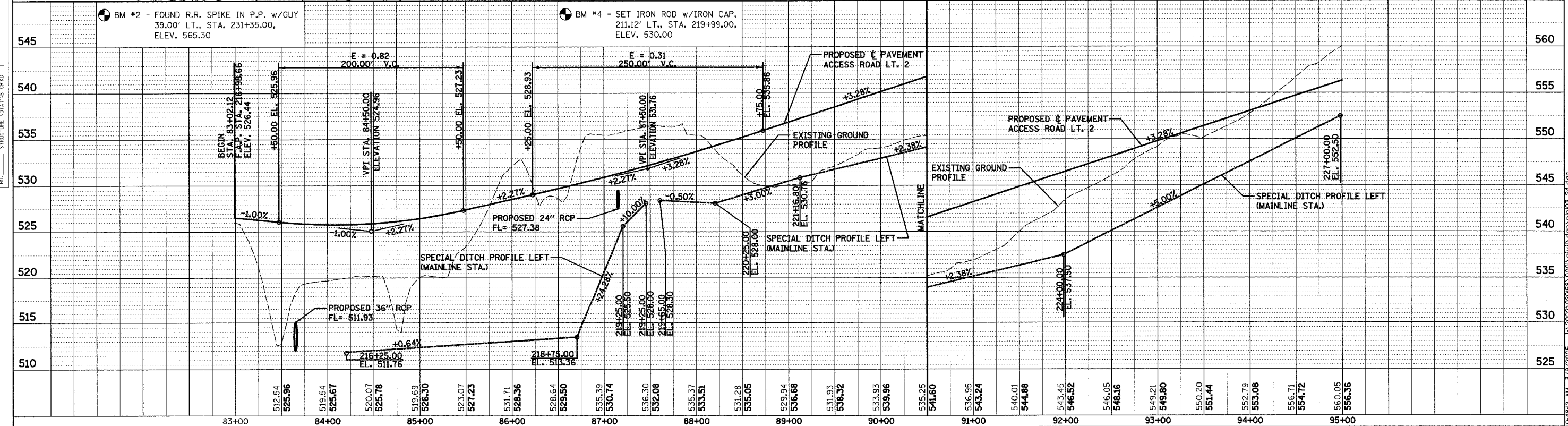
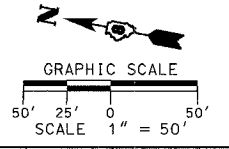
PROP. CURVE P.AR.L2-2
 PI STA. = 96+98.19
 $\Delta = 16^\circ 52' 31''$ (LT)
 $D = 16^\circ 51' 08''$
 $R = 339.99'$
 $T = 50.43'$
 $L = 100.14'$
 $E = 3.72'$
 $e = 3.92\%$
 $T.R. = 28'$
 $S.E. RUN = 71'$
 $P.C. STA. = 96+47.76$
 $P.T. STA. = 97+47.90$

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



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.

DENOTES EXISTING PAVEMENT



PLAN & PROFILE - ACCESS ROAD LT. 2

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				

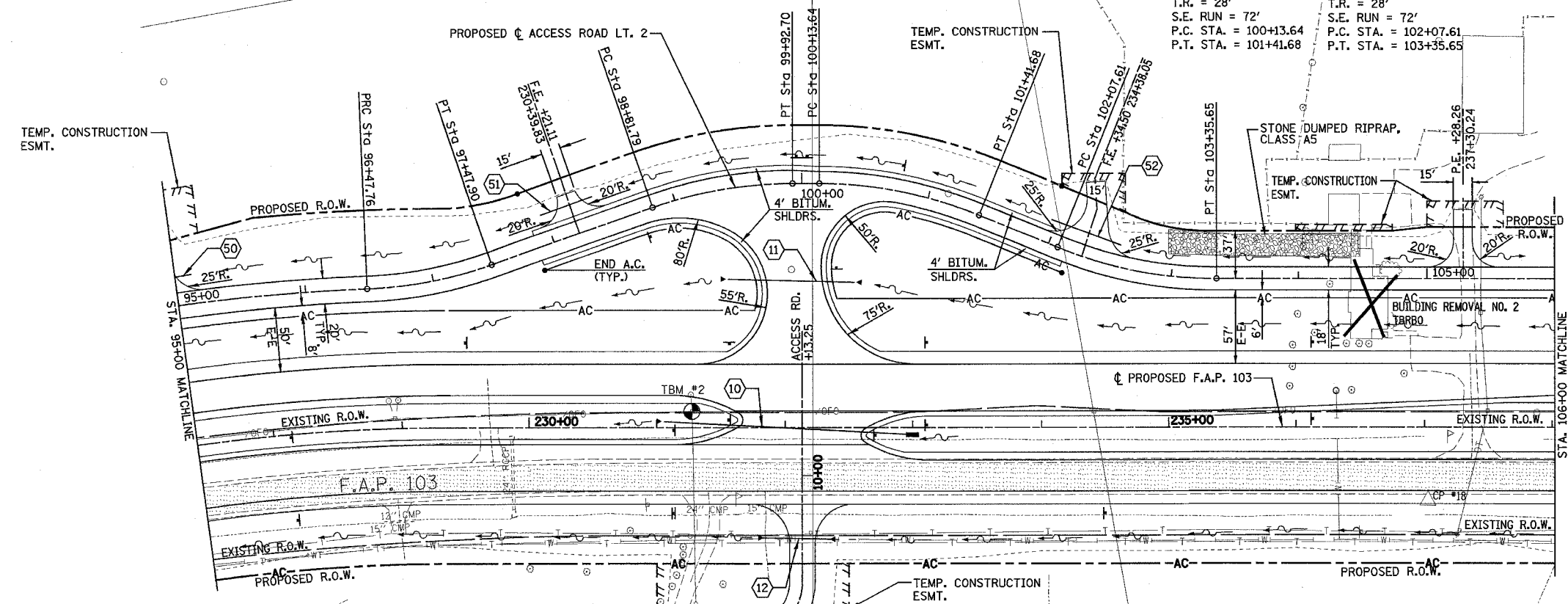
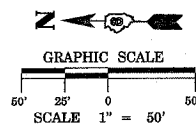
CONTRACT NO. 76300

DENOTES
EXISTING
PAVEMENT

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.

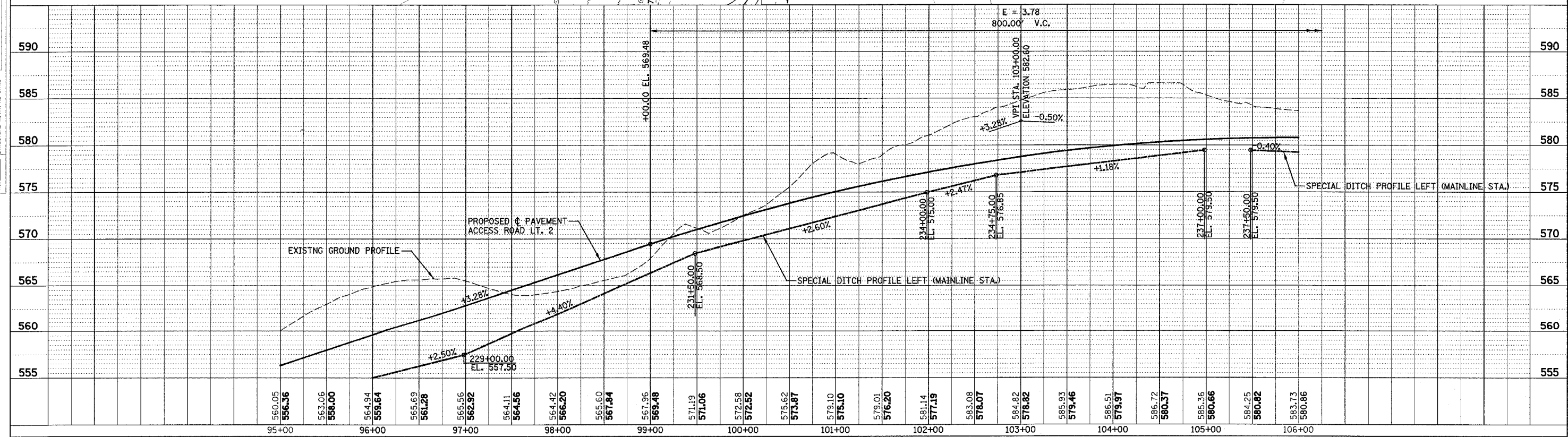
PROP. CURVE P_AR.L2-4
PI STA. = 100+78.48
 $\Delta = 22^\circ 13' 49''$ (RT)
D = 17° 21' 44"
R = 330.00'
T = 64.83'
L = 128.04'
E = 6.31'
 $\theta = 3.94\%$
T.R. = 28'
S.E. RUN = 72'
P.C. STA. = 100+13.64
P.T. STA. = 101+41.68

PROP. CURVE P_AR.L2-5
PI STA. = 102+72.45
 $\Delta = 22^\circ 13' 49''$ (LT)
D = 17° 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. = 102+07.61
P.T. STA. = 103+35.65



PLAN	DATE
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

PROFILE	DATE
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

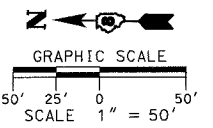
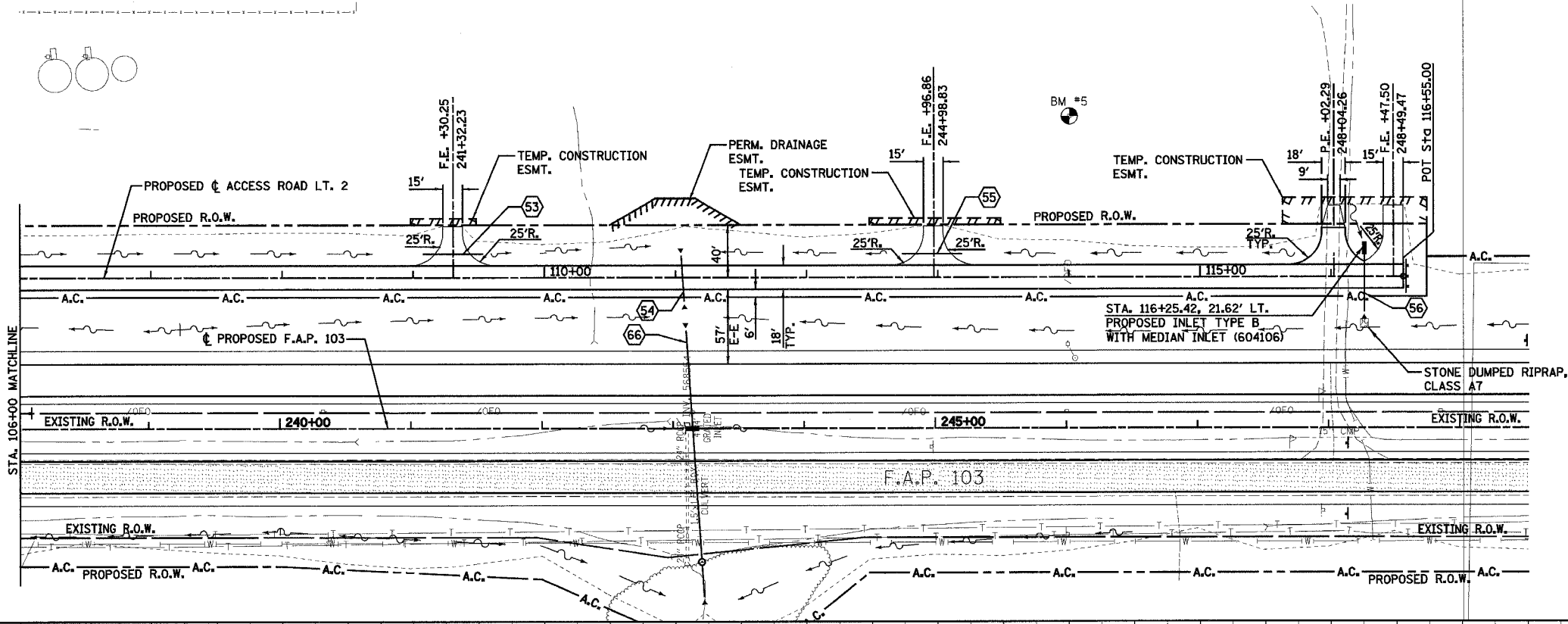


PLAN & PROFILE - ACCESS ROAD LT. 2

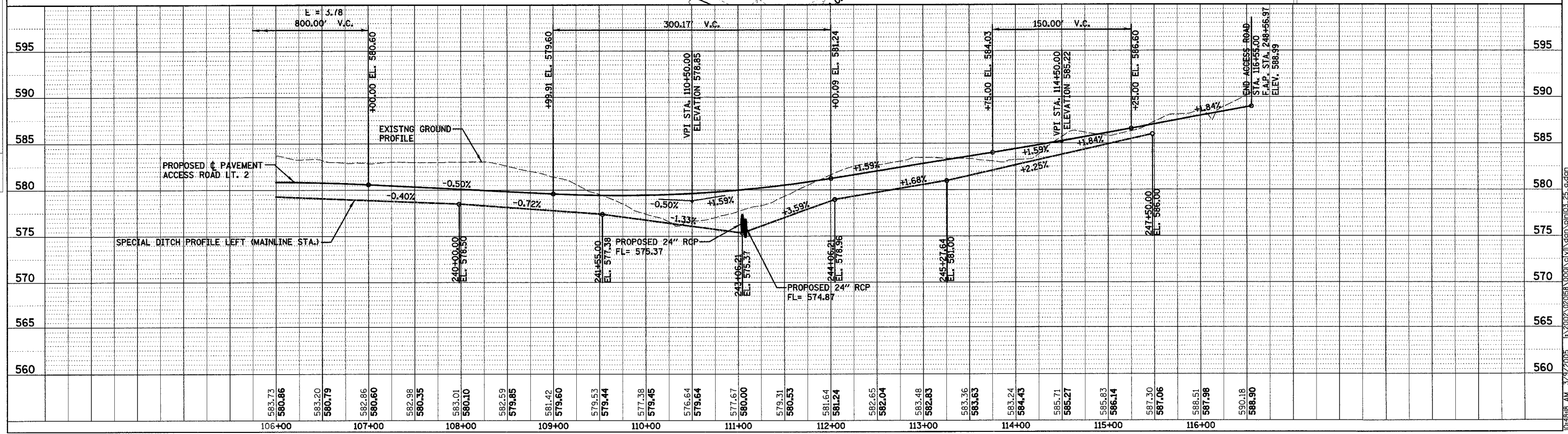
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UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM FIELD MEASUREMENTS AND AVAILABLE RECORDS. THEIR LOCATIONS MUST THEREFORE BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. IT IS THE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

F.A.P. RTE. NO.	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				



■ DENOTES EXISTING PAVEMENT

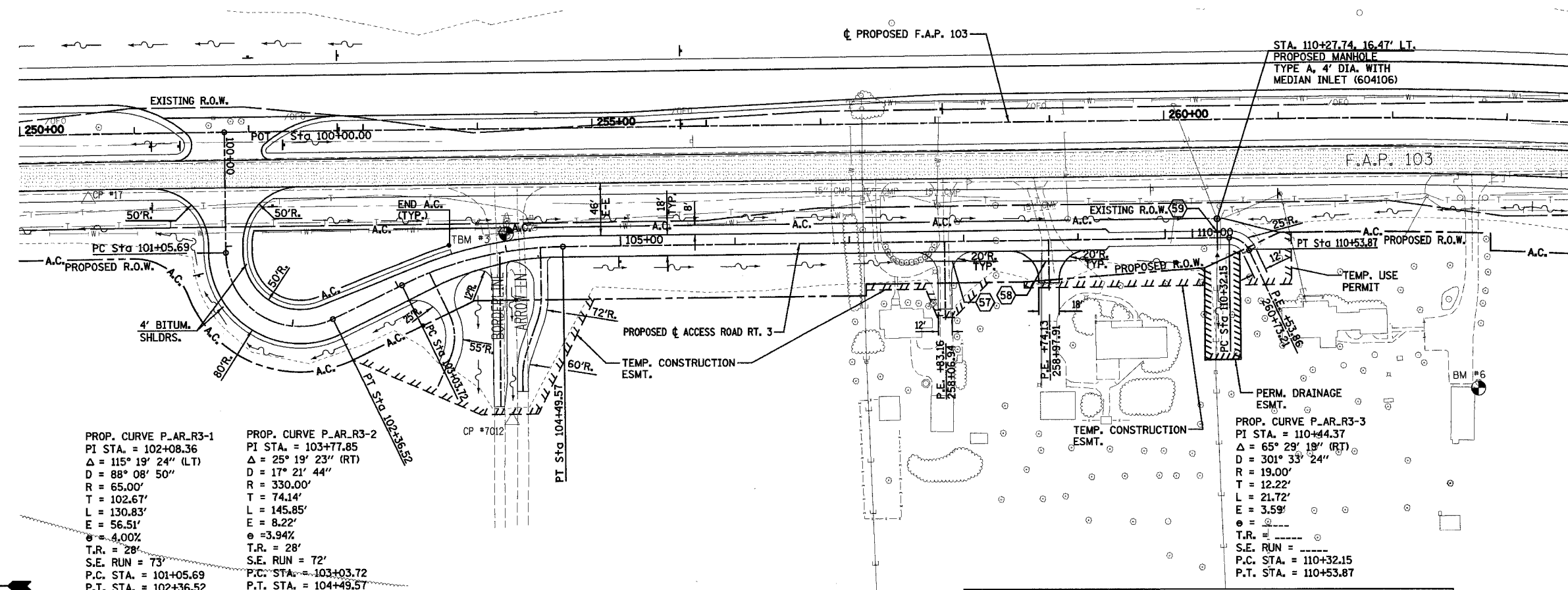


PLAN & PROFILE - ACCESS ROAD LT. 2

PLAN	SURVEYED	DATE
	NOTE BOOK	
	NO. OF PAGES CHECKED	
	NO. OF PAGES CORRECTED	
	NO. OF PAGES REVISIONS	

PROFILE	SURVEYED	DATE
	NOTE BOOK	
	NO. OF PAGES CHECKED	
	NO. OF PAGES CORRECTED	
	NO. OF PAGES REVISIONS	

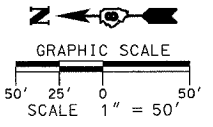
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PROP. CURVE P_AR_R3-1
 PI STA. = 102+08.36
 $\Delta = 115^\circ 19' 24''$ (LT)
 $D = 88^\circ 08' 50''$
 $R = 65.00'$
 $T = 102.67'$
 $L = 130.83'$
 $E = 56.51'$
 $\theta = 4.00\%$
 $T.R. = 28'$
 $S.E. RUN = 73'$
 $P.C. STA. = 101+05.69$
 $P.T. STA. = 102+36.52$

PROP. CURVE P_AR_R3-2
 PI STA. = 103+77.85
 $\Delta = 25^\circ 19' 23''$ (RT)
 $D = 17^\circ 21' 44''$
 $R = 330.00'$
 $T = 74.14'$
 $L = 145.85'$
 $E = 8.22'$
 $\theta = 3.94\%$
 $T.R. = 28'$
 $S.E. RUN = 72'$
 $P.C. STA. = 103+03.72$
 $P.T. STA. = 104+49.57$

PROP. CURVE P_AR_R3-3
 PI STA. = 110+44.37
 $\Delta = 65^\circ 29' 18''$ (RT)
 $D = 301^\circ 33' 24''$
 $R = 19.00'$
 $T = 12.22'$
 $L = 21.72'$
 $E = 3.59'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 110+32.15$
 $P.T. STA. = 110+53.87$

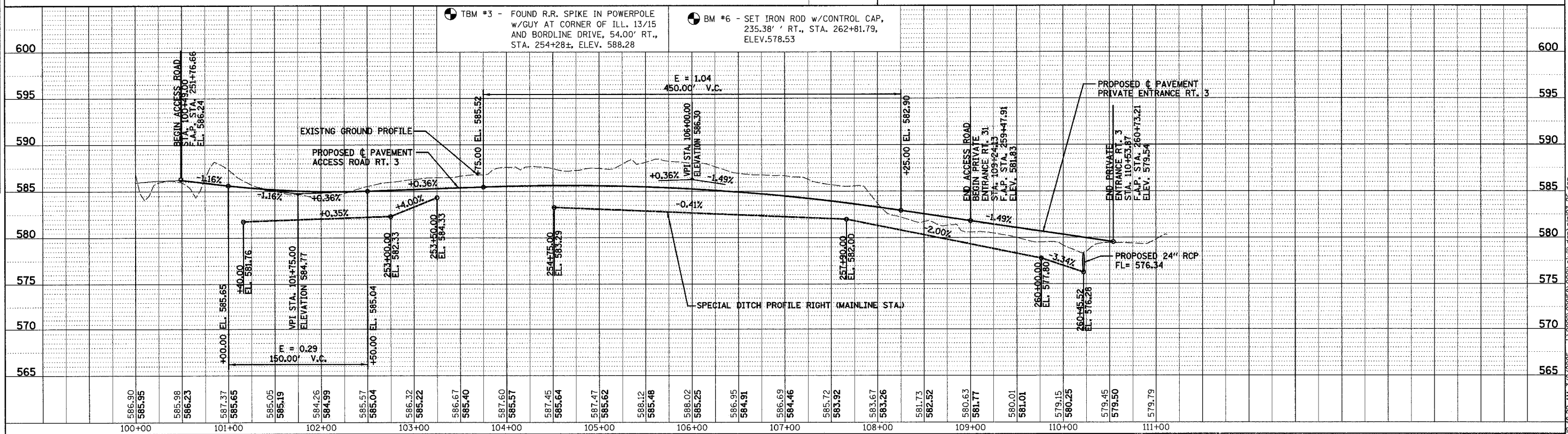


NOTE:
 SEE SHEET 169 FOR INTERSECTION
 DETAIL FOR BORDERLINE DRIVE
 AND ARROW LANE

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

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



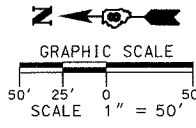
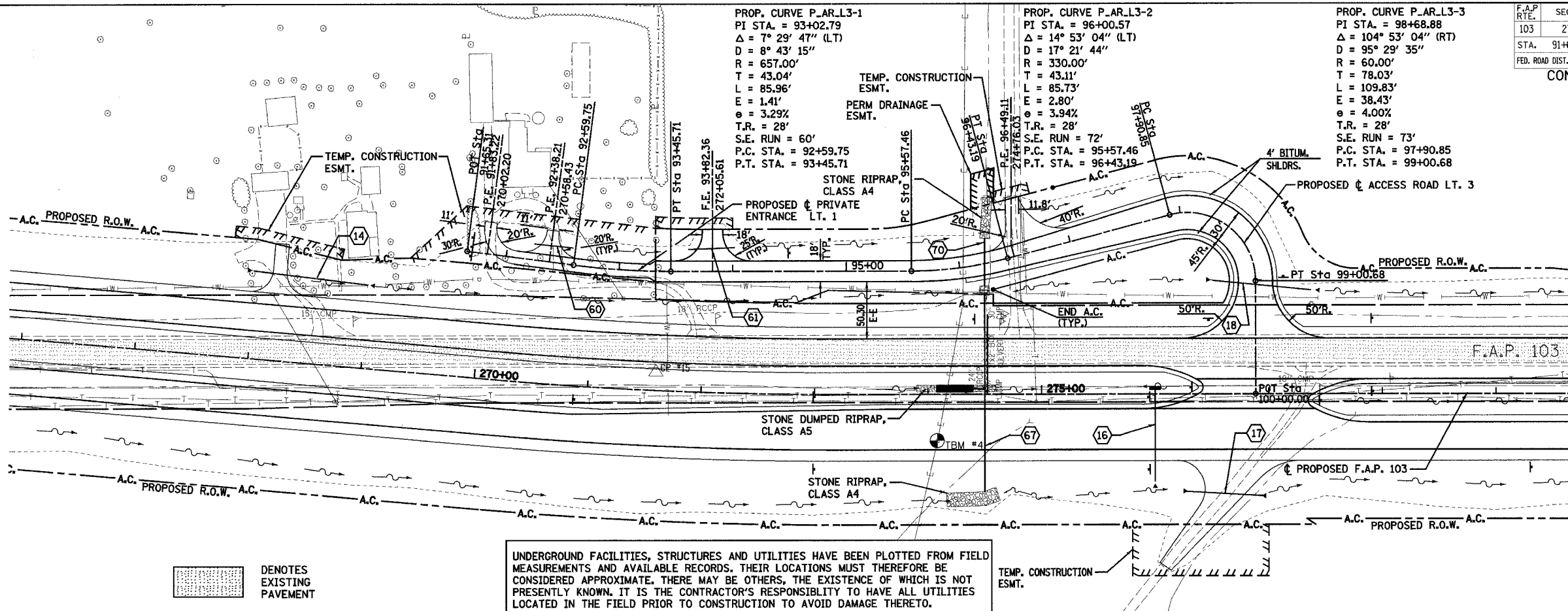
PLAN & PROFILE - ACCESS ROAD RT. 3

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 NOTE BOOK NO.: []
 ALIGNMENT CHECKED: []
 GRADES CHECKED: []
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PROFILE: SURVEYED BY: DATE: []
 NOTE BOOK NO.: []
 GRADES CHECKED: []
 ELEVATIONS CHECKED: []

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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				



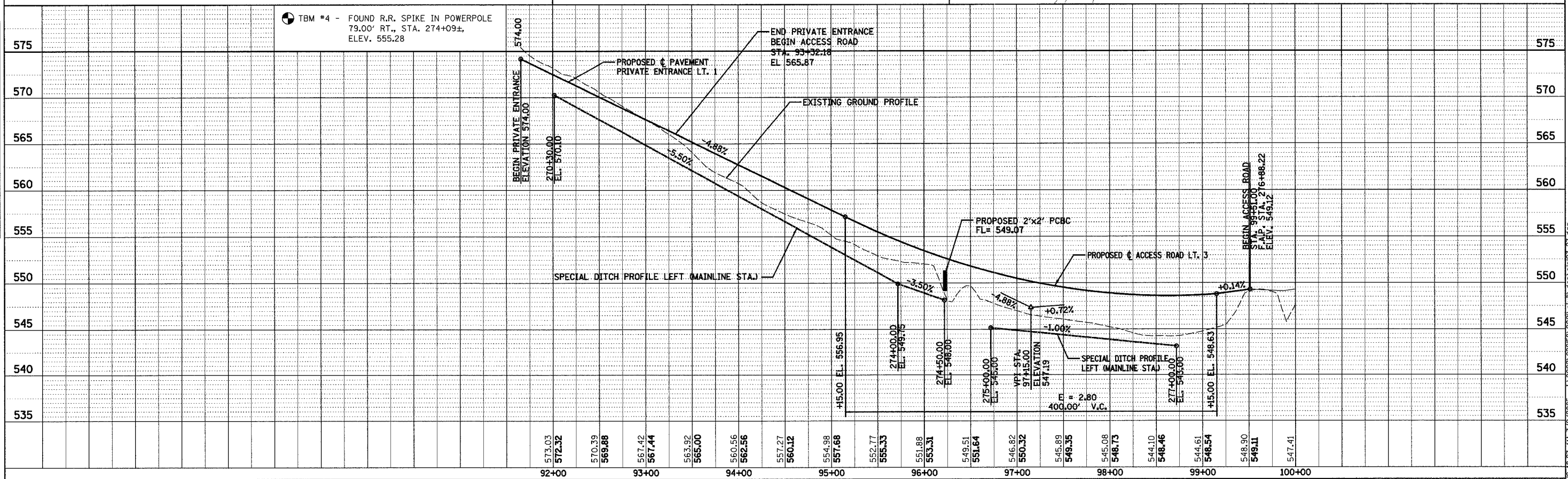
DENOTES EXISTING PAVEMENT

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.

DATE	
BY	
REVISION	
NO.	

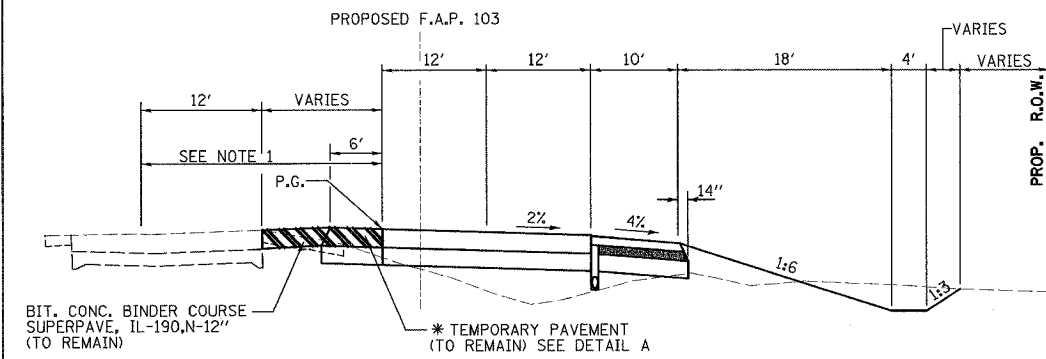
DATE	
BY	
REVISION	
NO.	



PLAN & PROFILE - ACCESS ROAD LT. 3

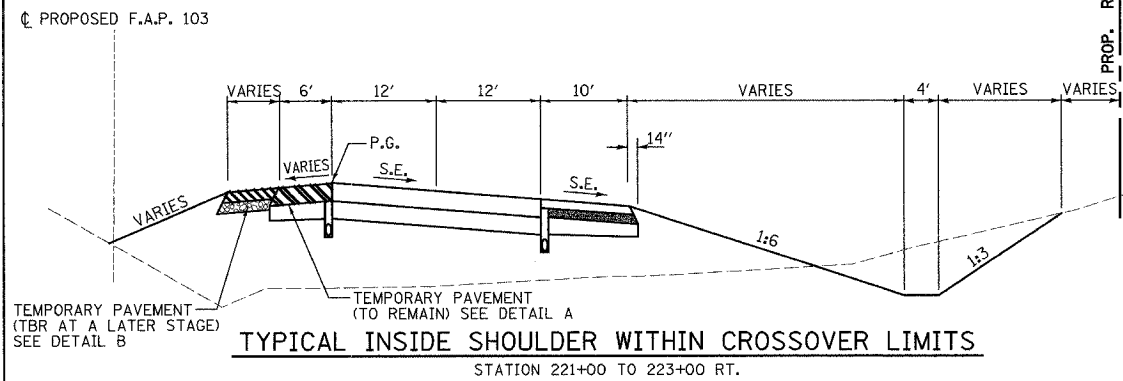
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	53
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				



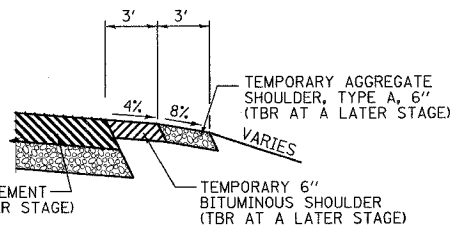
TEMPORARY MEDIAN CROSSOVER

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



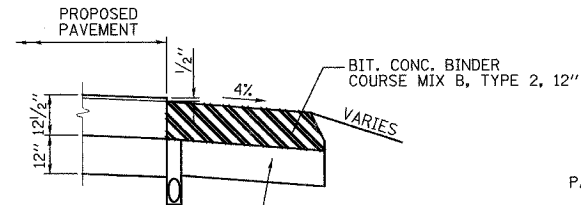
TYPICAL INSIDE SHOULDER WITHIN CROSSOVER LIMITS

STATION 221+00 TO 223+00 RT.



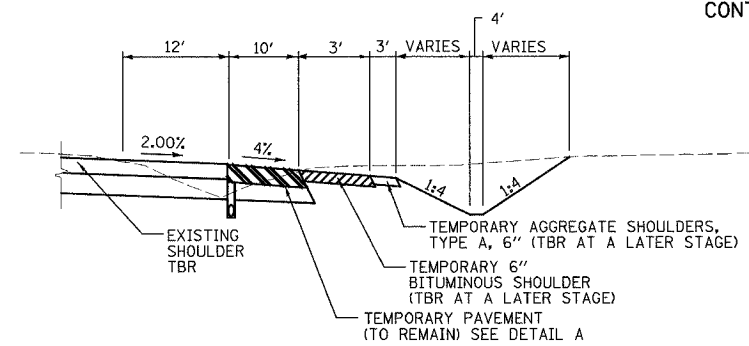
TEMPORARY PAVEMENT TAPER

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.)



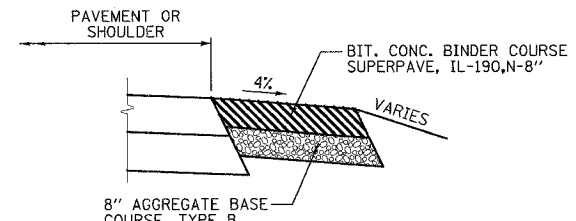
TEMPORARY PAVEMENT (TO REMAIN)

DETAIL A



WIDENING FOR CULVERT INSTALLATIONS

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



TEMPORARY PAVEMENT (TO BE REMOVED AT A LATER STAGE)

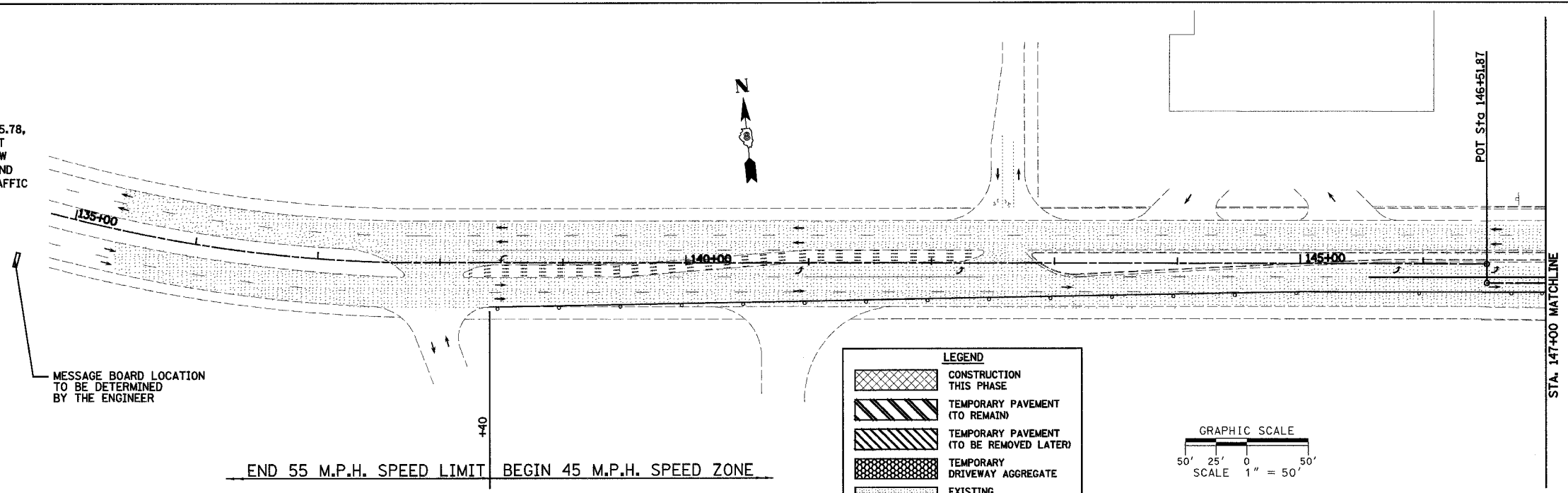
DETAIL B

- NOTES:**
- 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).
 - 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\"/>

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.

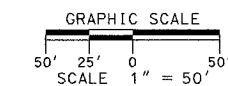
REMOVAL OF TEMPORARY ACCESS MATERIALS INCLUDING: TEMPORARY AGGREGATE, ACCESS PIPE CULVERTS AND EARTH EMBANKMENTS WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS, PER FOOT FOR PIPE CULVERTS(TEMPORARY) AND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

MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER

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 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

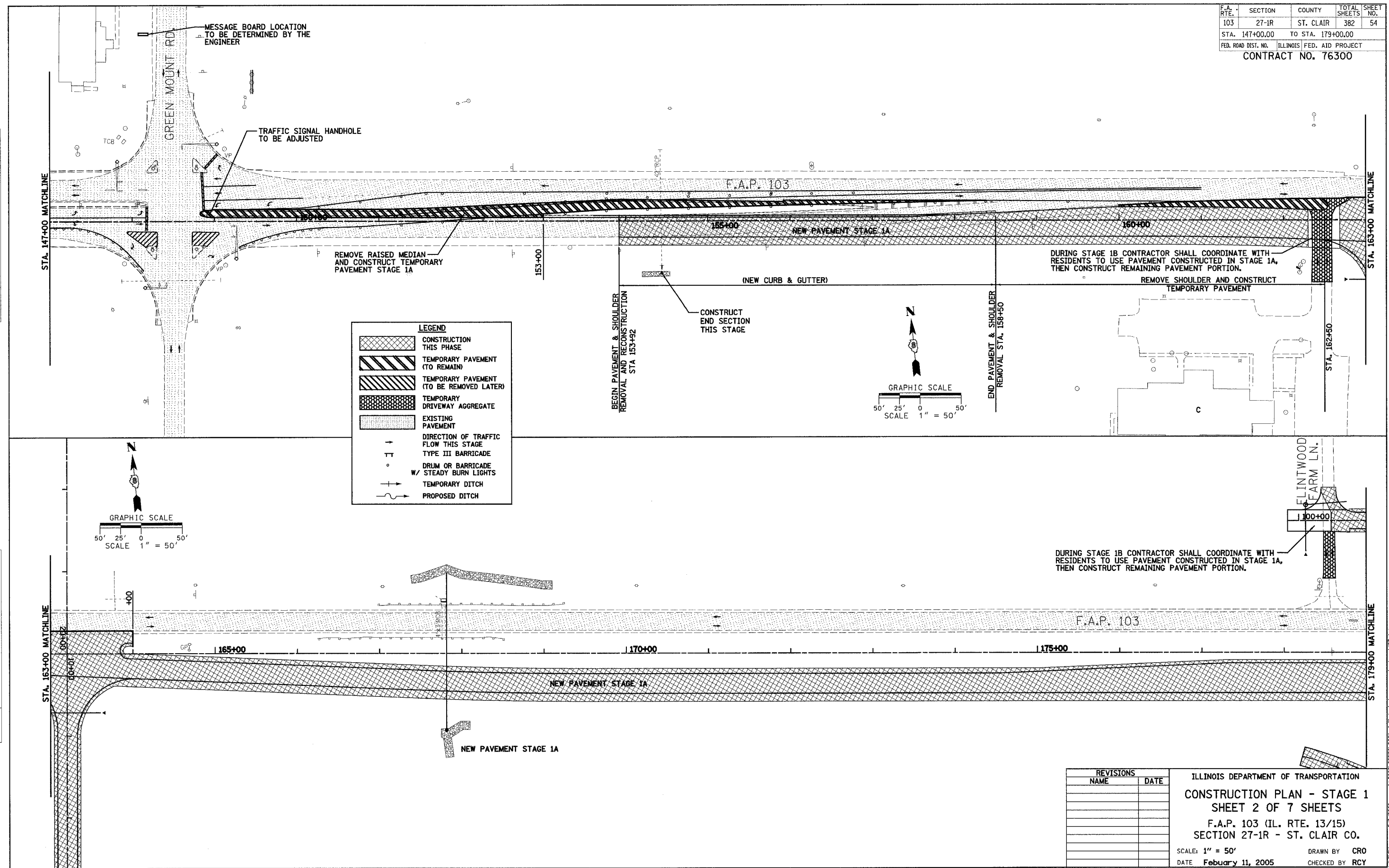
DATE	BY	SURVEYED	NOTED	CHECKED	DATE
PLAN NO.		NOTE BOOK NO.			

DATE	BY	SURVEYED	NOTED	CHECKED	DATE
PLAN NO.		NOTE BOOK NO.			

F.A.P. 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
SURVEYED	BY
NOTE BOOK	NO.
ALIGNED CHECKED	DATE
RT. OF WAY CHECKED	
NO. OF FILE NAME	

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



LEGEND

[Cross-hatch pattern]	CONSTRUCTION THIS PHASE
[Diagonal lines /]	TEMPORARY PAVEMENT (TO REMAIN)
[Diagonal lines \]	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
[Stippled pattern]	TEMPORARY DRIVEWAY AGGREGATE
[Dotted pattern]	EXISTING PAVEMENT
[Arrow]	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

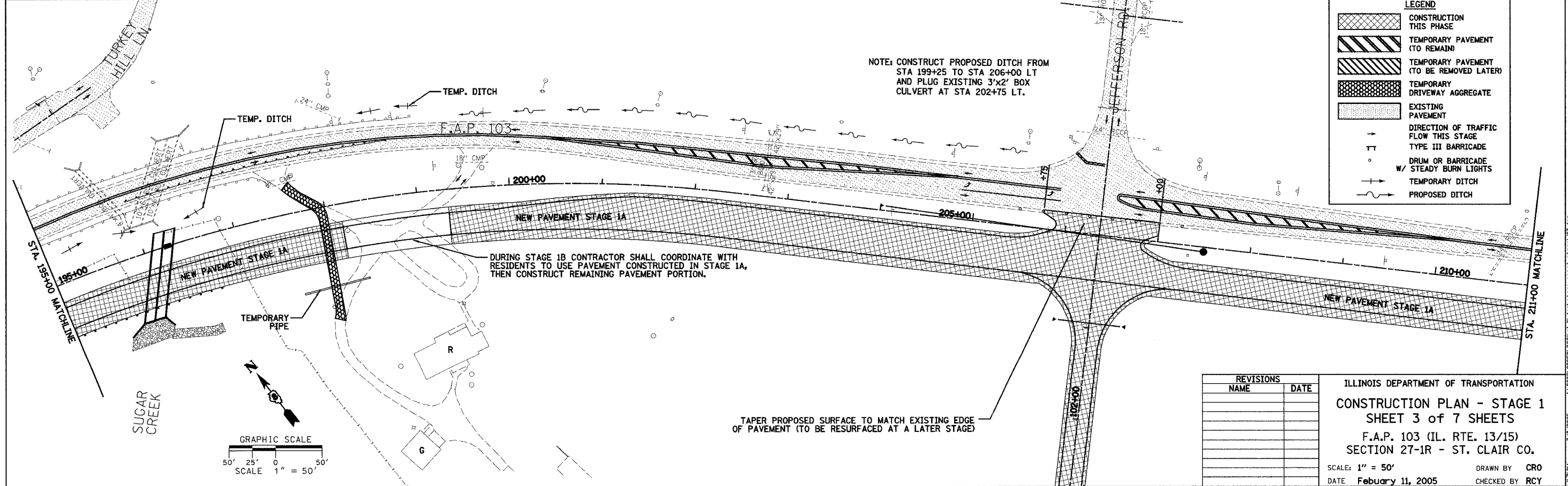
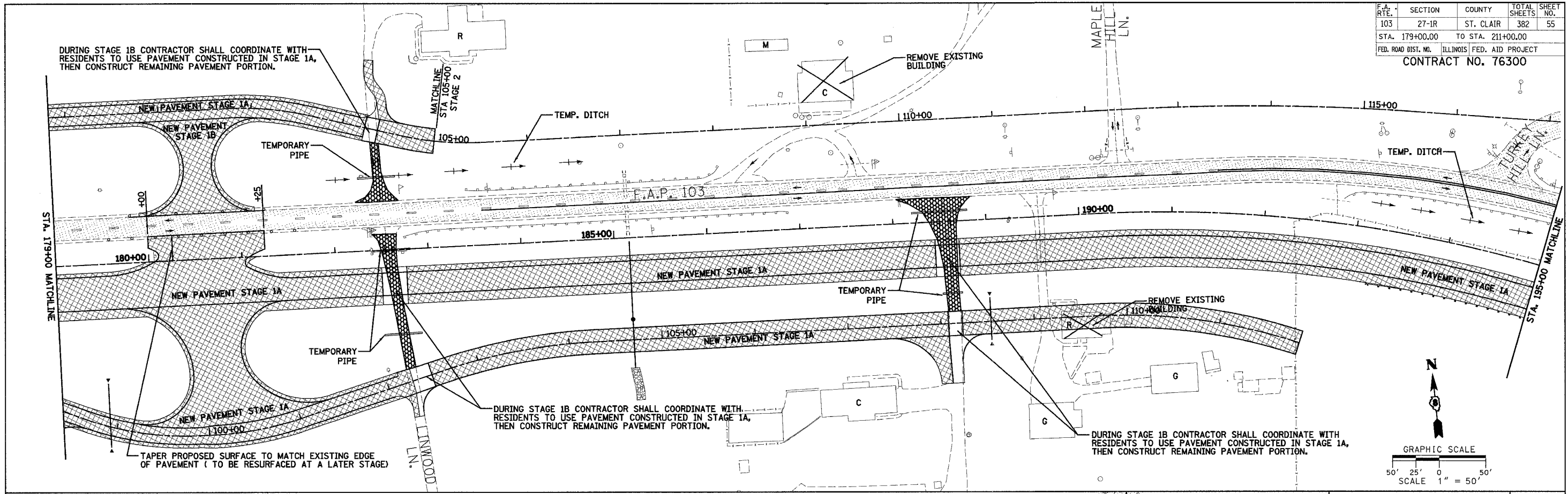
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 1
SHEET 2 OF 7 SHEETS
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50'
 DATE: February 11, 2005
 DRAWN BY: CRO
 CHECKED BY: RCY

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	55
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
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DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



LEGEND

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

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

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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.

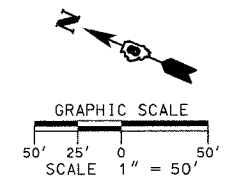
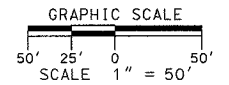
TAPER PROPOSED SURFACE TO MATCH EXISTING EDGE OF PAVEMENT (TO BE RESURFACED AT A LATER STAGE)

DATE	BY	SURVEYED	ALIGNED	CHECKED
NOTE: BOOK NO. OF ANY CHECKED PLOTTING FILE NAME				
PLAN NO.				

DATE	BY	SURVEYED	ALIGNED	CHECKED
NOTE: BOOK NO. OF ANY CHECKED PLOTTING FILE NAME				
PLAN 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



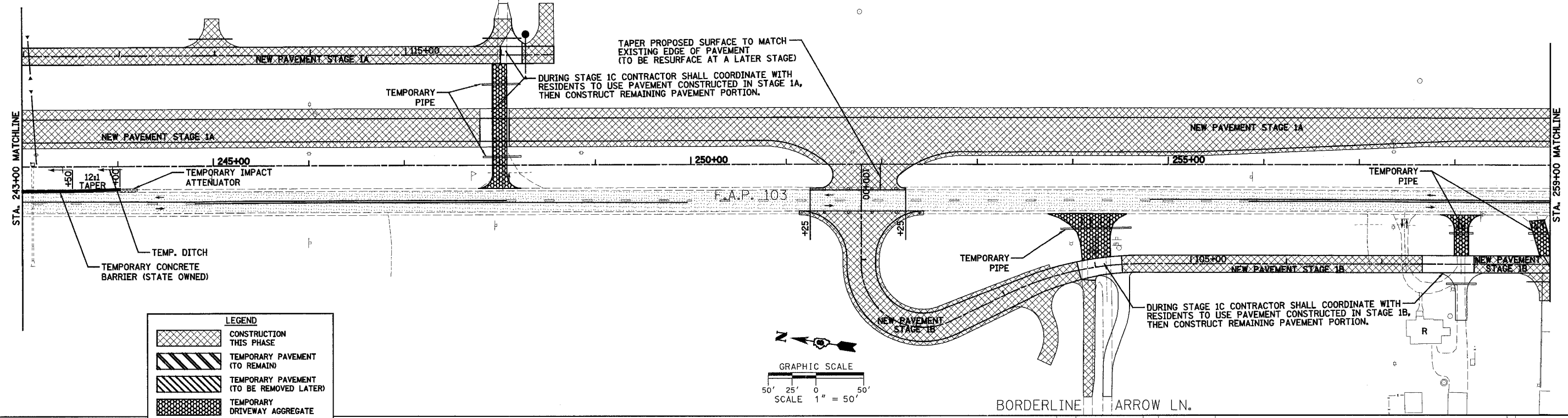
REVISIONS	
NAME	DATE

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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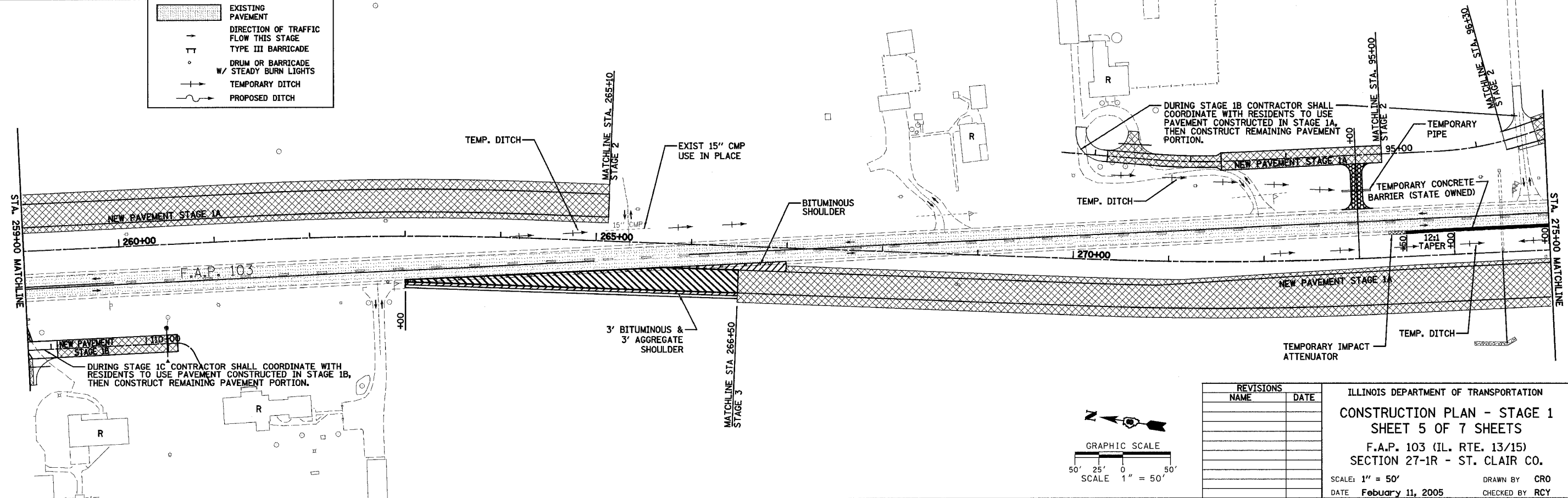
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 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 ALIGNED: _____
 RT. OF WAY CHECKED: _____
 NO. OF FILE: _____
 AND FILE NAME: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 RT. OF WAY CHECKED: _____
 NO. OF FILE: _____
 AND FILE NAME: _____



LEGEND

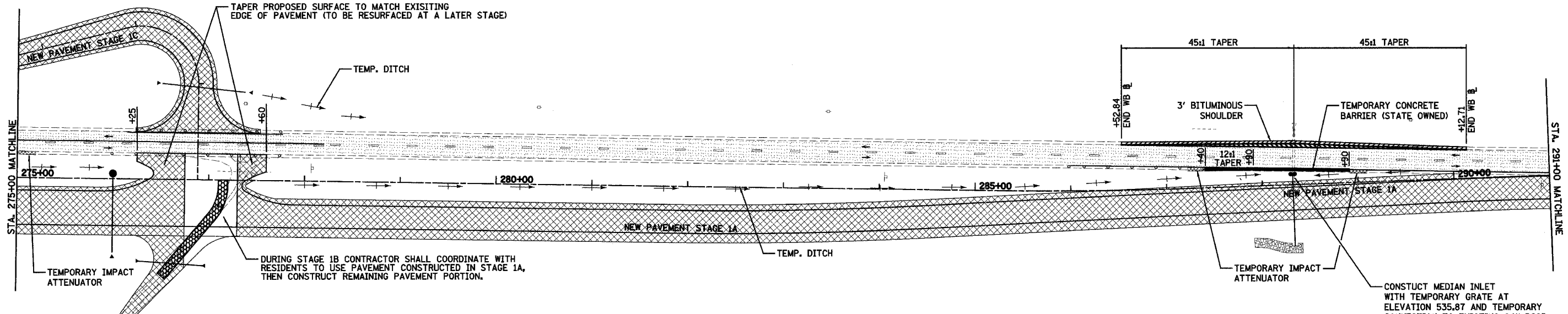
	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH



REVISIONS	
NAME	DATE

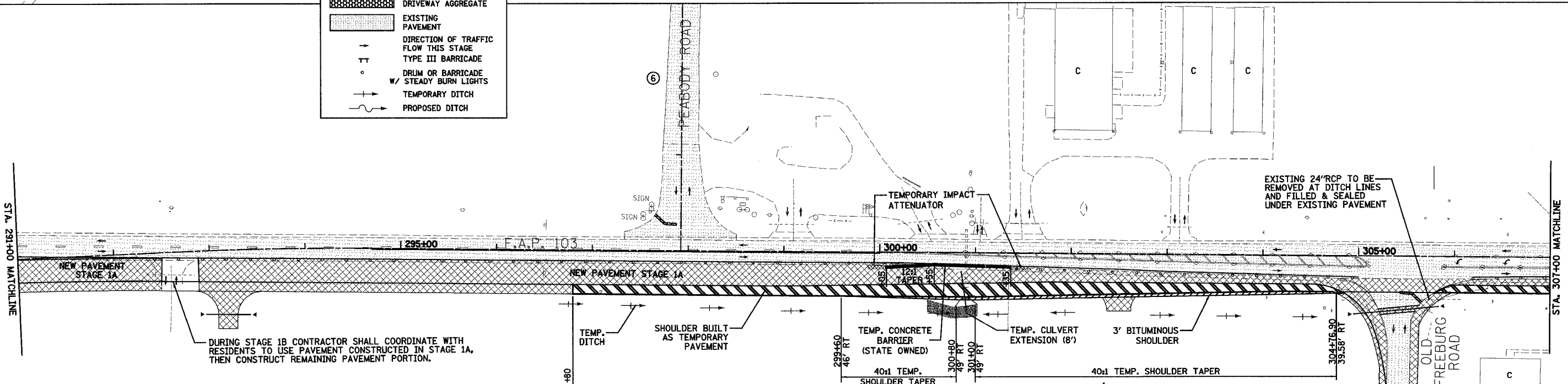
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 1
SHEET 5 OF 7 SHEETS
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50' DRAWN BY: CRO
 DATE: February 11, 2005 CHECKED BY: RCY

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

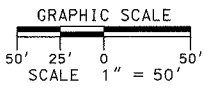
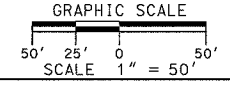


LEGEND

	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



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



REVISIONS	
NAME	DATE

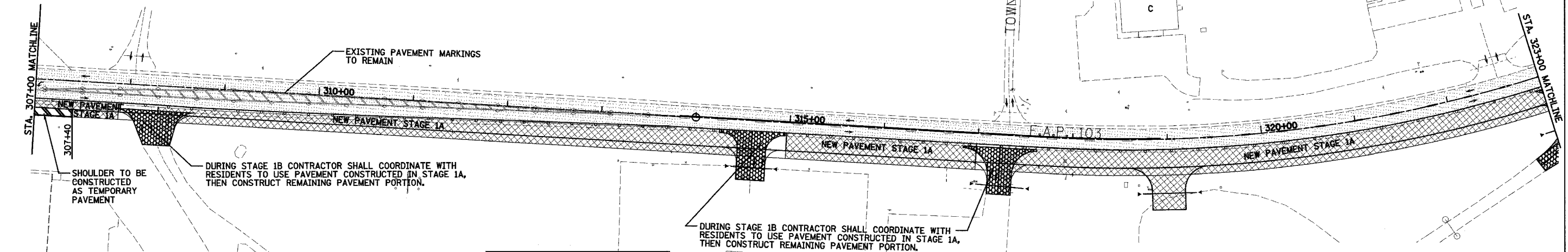
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 1
SHEET 6 OF 7 SHEETS
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50'
 DATE: February 11, 2005
 DRAWN BY: CRO
 CHECKED BY: RCY

DATE	BY	SURVEYED	ALIGNED	CHECKED

DATE	BY	SURVEYED	ALIGNED	CHECKED

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 ALIGNED CHECKED
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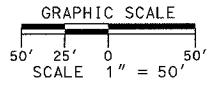
SHOULDER TO BE CONSTRUCTED AS TEMPORARY PAVEMENT

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

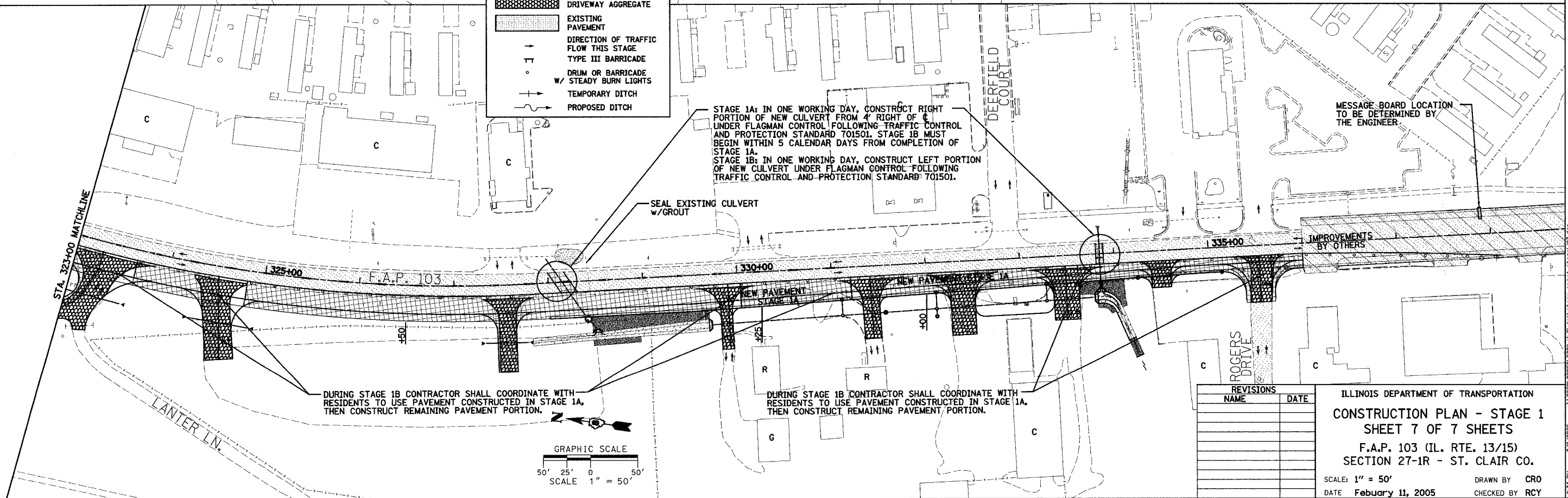
DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

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 BY DATE
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 NOTE BOOK NO. OF PAGES CHECKED
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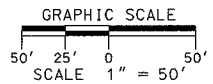
STAGE 1A: IN ONE WORKING DAY, CONSTRUCT RIGHT PORTION OF NEW CULVERT FROM 4' RIGHT OF C UNDER FLAGMAN CONTROL FOLLOWING TRAFFIC CONTROL AND PROTECTION STANDARD 701501. STAGE 1B MUST BEGIN WITHIN 5 CALENDAR DAYS FROM COMPLETION OF STAGE 1A.
 STAGE 1B: IN ONE WORKING DAY, CONSTRUCT LEFT PORTION OF NEW CULVERT UNDER FLAGMAN CONTROL FOLLOWING TRAFFIC CONTROL AND PROTECTION STANDARD 701501.

SEAL EXISTING CULVERT W/GROUT

MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER.

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.

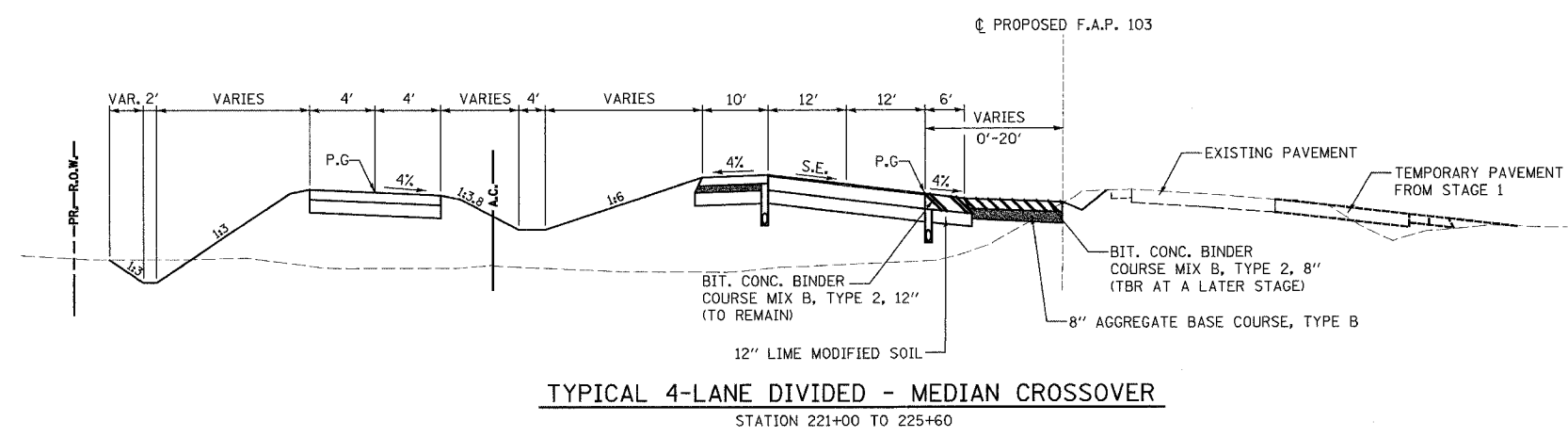


REVISIONS	
NAME	DATE

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. 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				



TYPICAL 4-LANE DIVIDED - MEDIAN CROSSOVER
STATION 221+00 TO 225+60

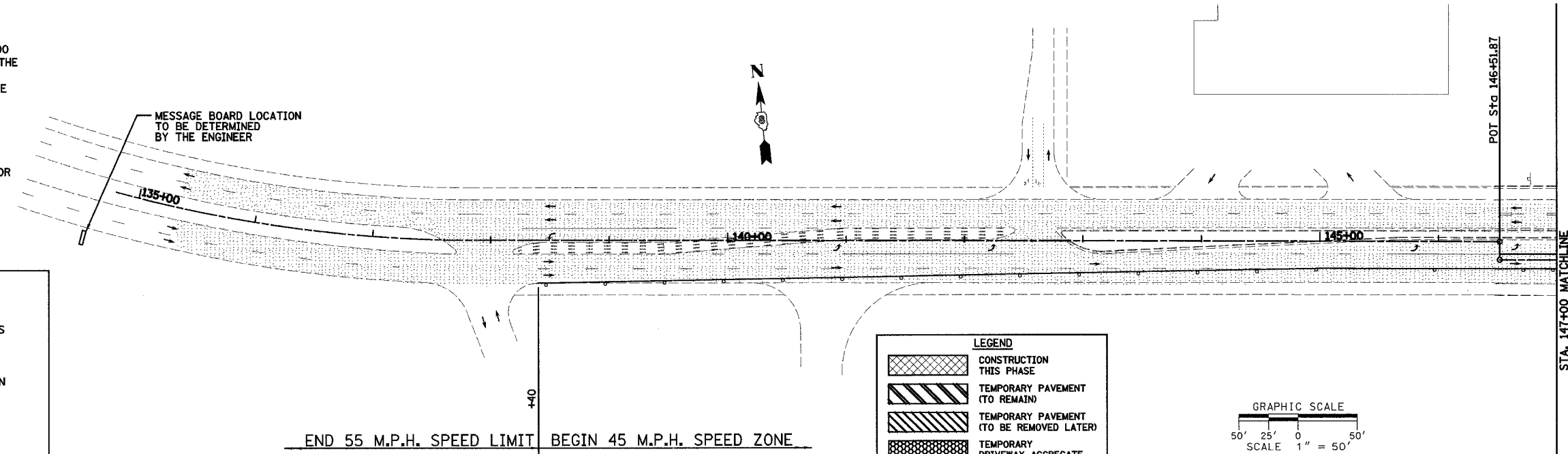
NOTES:

1. 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
2. FINAL SURFACE COURSE PLACEMENT ON THE PAVEMENT AND FINAL 2" LIFT ON THE SHOULDER TO OCCUR IN STAGE 4.

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:

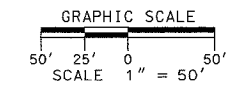
THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO ALL ADJACENT PROPERTIES, PRIVATE DRIVES AND PUBLIC ROADWAYS THROUGHOUT THE LENGTH OF THE CONSTRUCTION CONTRACT. ALL EARTHWORK AND SUBGRADE PREPARATION REQUIRED FOR MAINTAINING TEMPORARY ACCESS WILL NOT BE MEASURED AND PAID FOR SEPERATELY BUT SHALL BE 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 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**

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FILE NO.	
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FILE NO.	
PLAN	
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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.

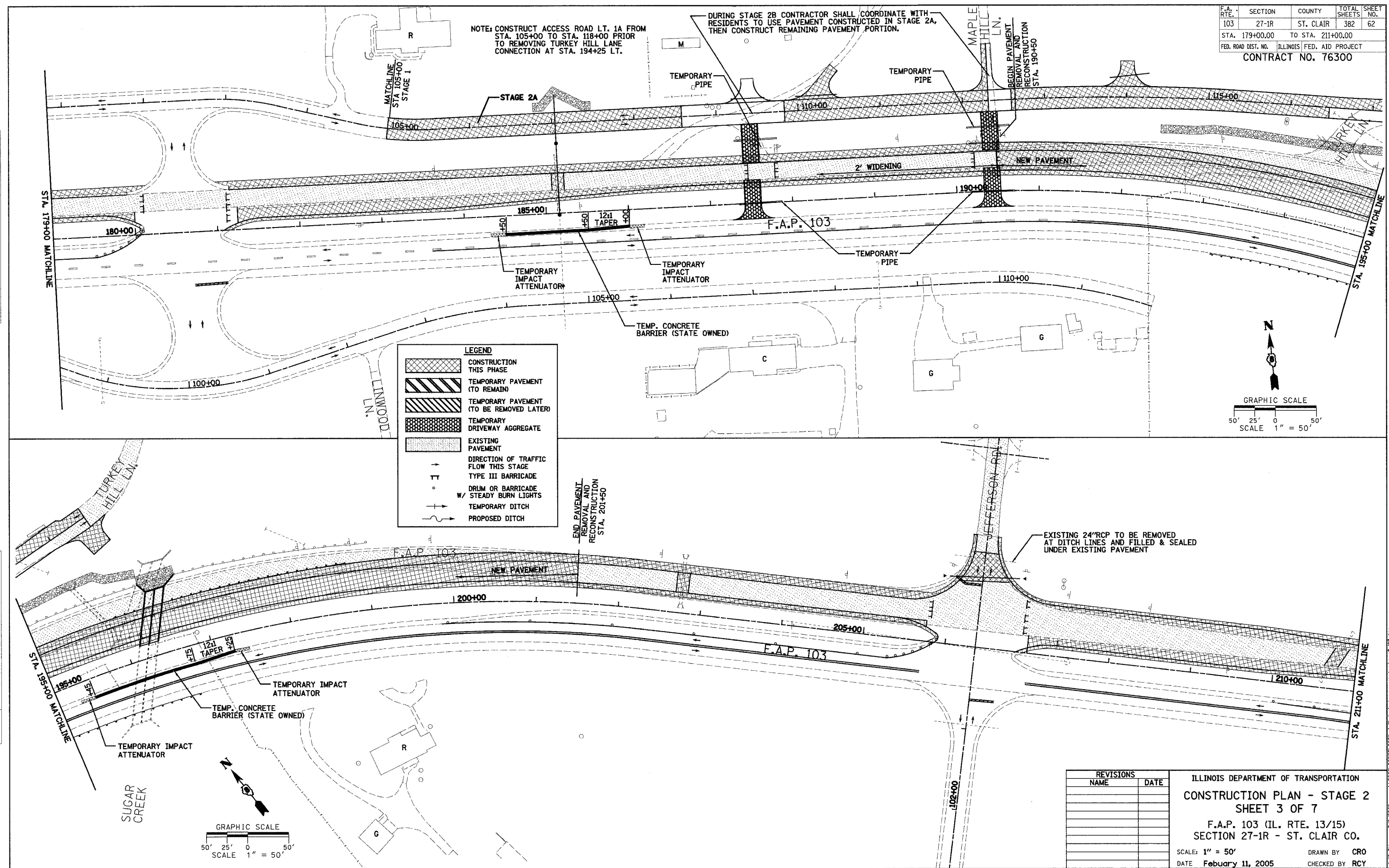
BEGIN PAVEMENT REMOVAL AND RECONSTRUCTION STA. 190+50

END PAVEMENT REMOVAL AND RECONSTRUCTION STA. 201+50

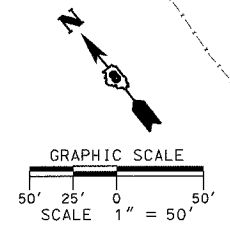
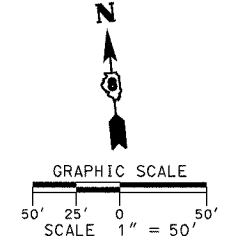
EXISTING 24"RCP TO BE REMOVED AT DITCH LINES AND FILLED & SEALED UNDER EXISTING PAVEMENT

PLAN	DATE
BY	
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

PLAN	DATE
BY	
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



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

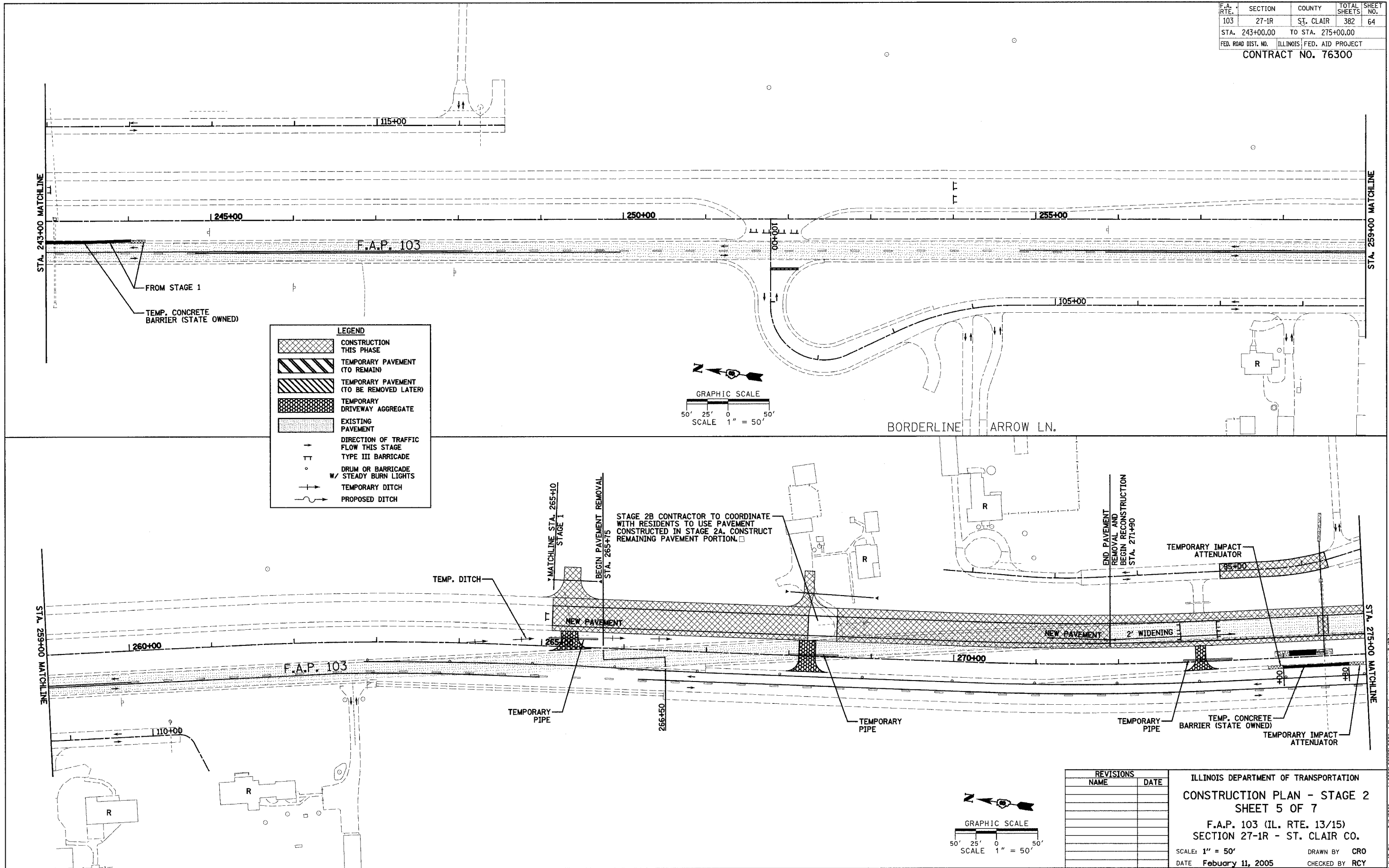
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 2
SHEET 3 OF 7
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50' DRAWN BY CRO
 DATE February 11, 2005 CHECKED BY RCY

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

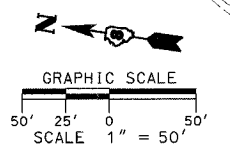
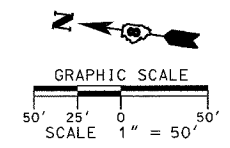
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	NOTE BOOK		
	ALIGNED		
	CHECKED		
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	NO. OF		
	FILE		
	NAME		

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	ALIGNED		
	CHECKED		
	BY		
	NO. OF		
	FILE		
	NAME		



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

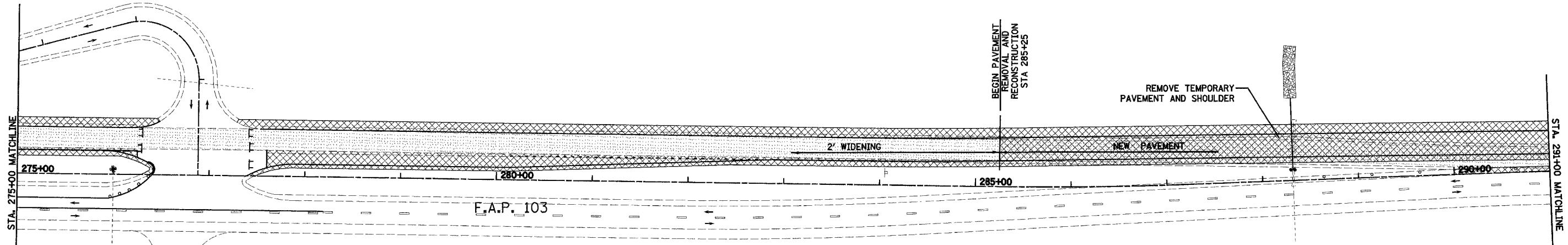


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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	65
STA. 275+00.00		TO STA. 307+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

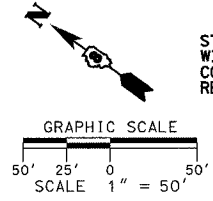
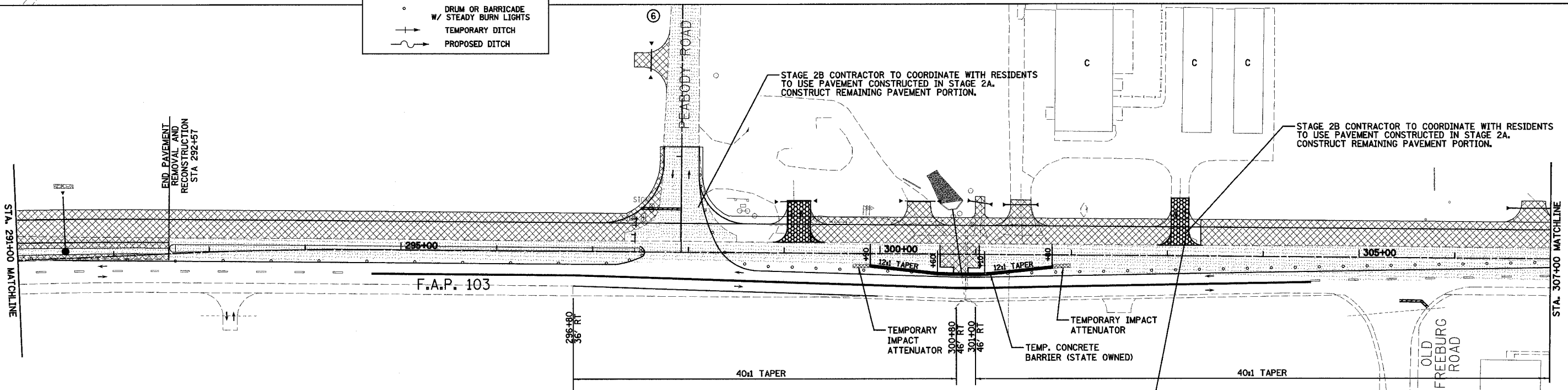
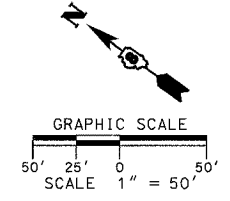
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DATE	BY



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



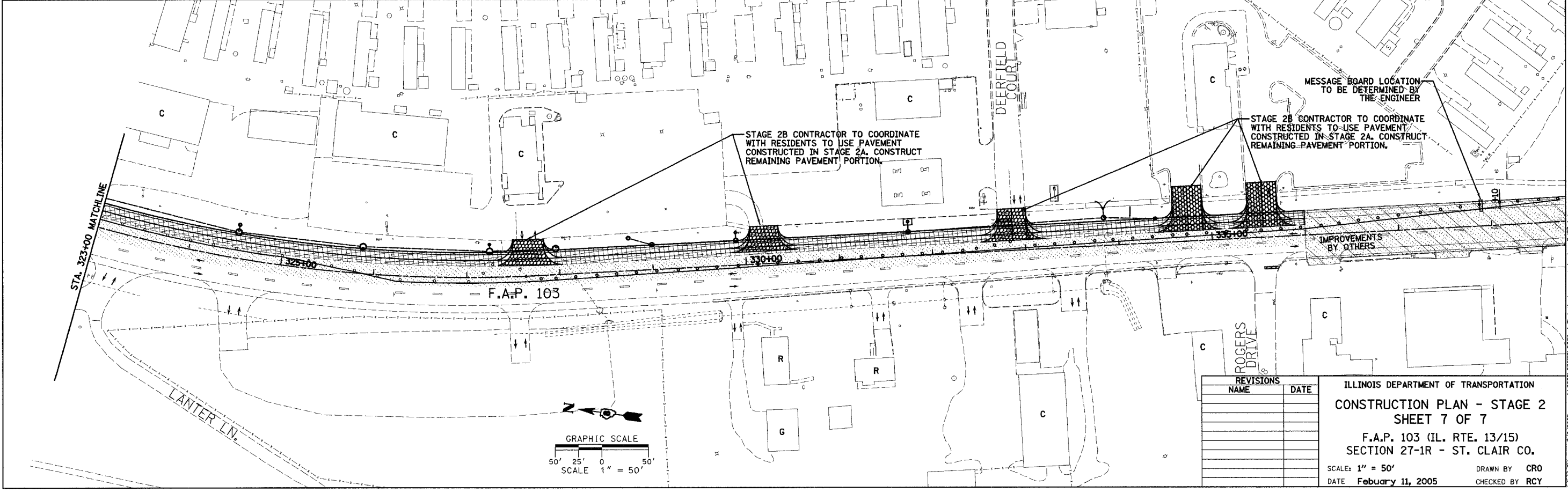
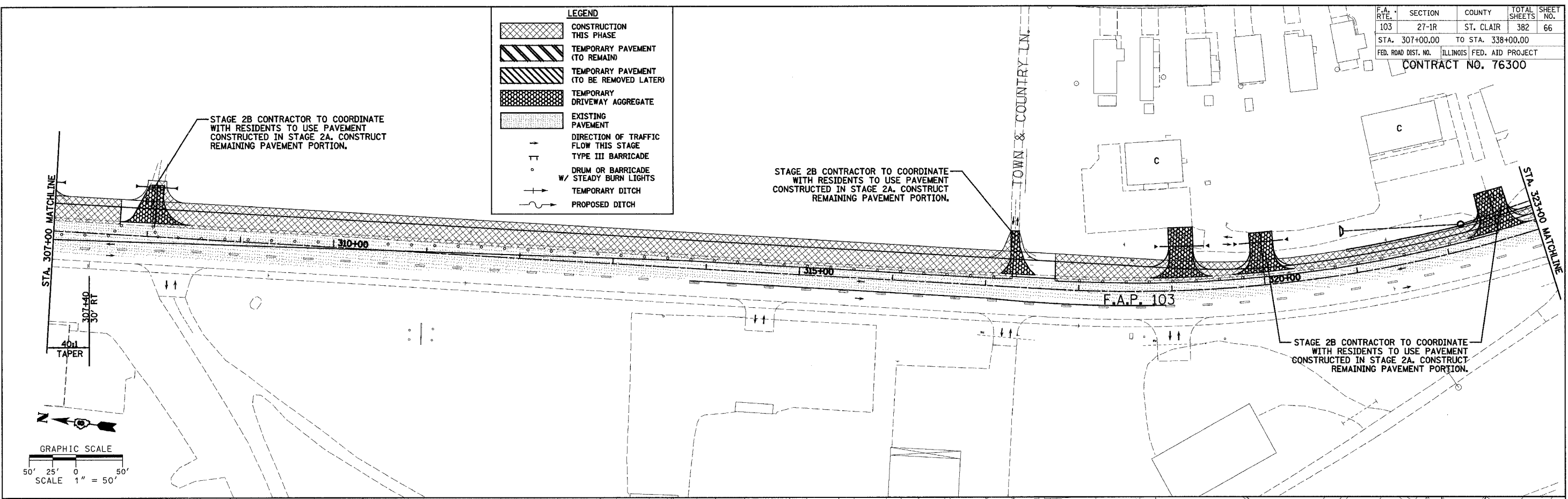
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 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	66
STA. 307+00.00		TO STA. 338+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

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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PLAN	SURVEYED
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REVISIONS	NAME	DATE

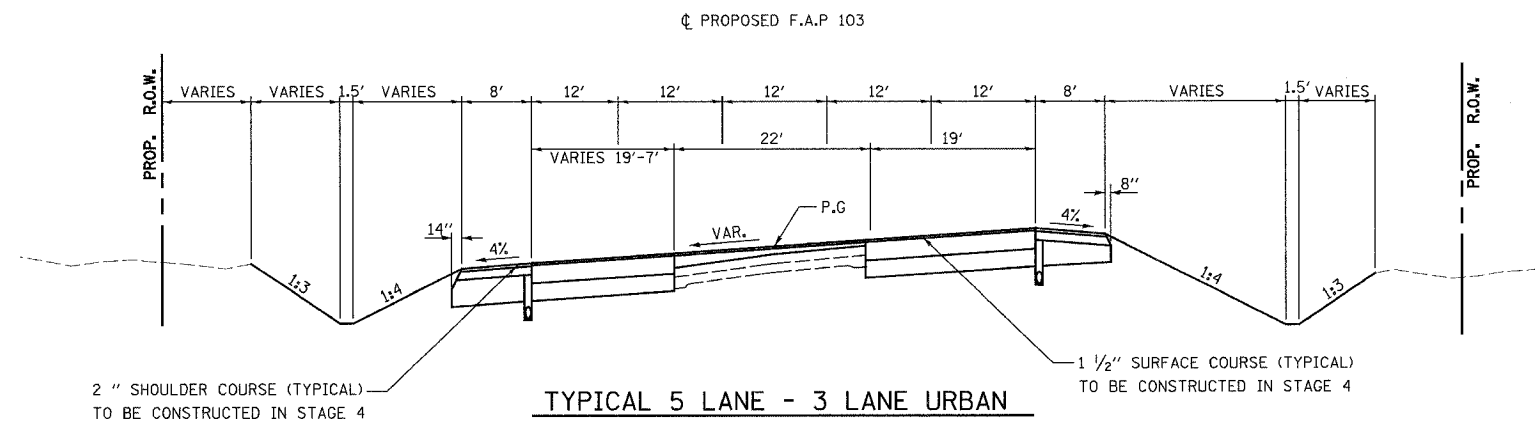
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 2
SHEET 7 OF 7
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50'
 DATE February 11, 2005
 DRAWN BY CRO
 CHECKED BY RCY

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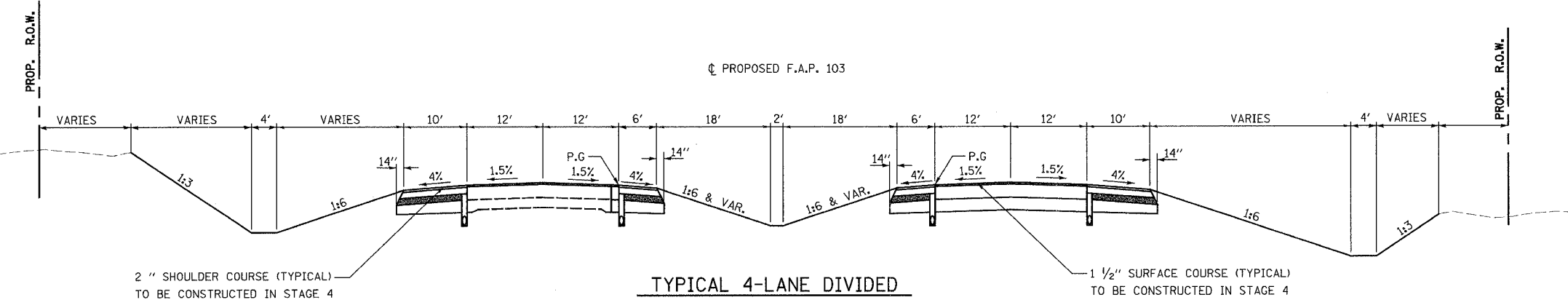
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	67
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76300				

DATE	BY
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TYPICAL 5 LANE - 3 LANE URBAN



TYPICAL 4-LANE DIVIDED

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.

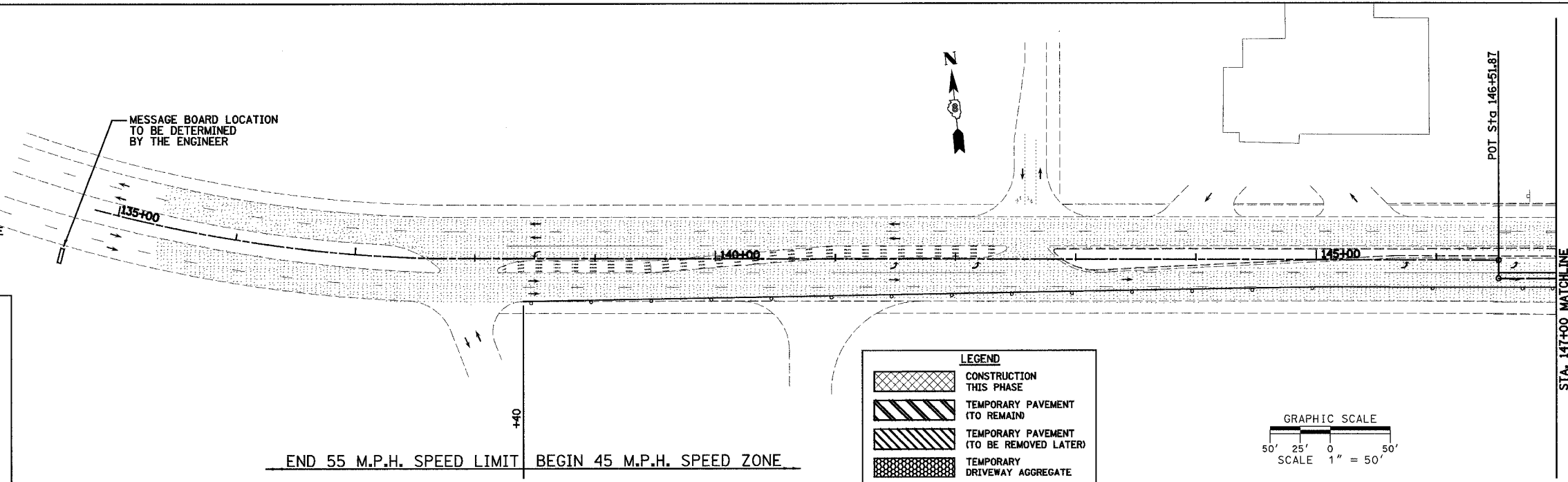
STAGE 3

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:

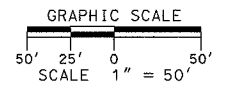
THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO ALL ADJACENT PROPERTIES, PRIVATE DRIVES AND PUBLIC ROADWAYS THROUGHOUT THE LENGTH OF THE CONSTRUCTION CONTRACT. ALL EARTHWORK AND SUBGRADE PREPARATION REQUIRED FOR MAINTAINING TEMPORARY ACCESS WILL NOT BE MEASURED AND PAID FOR SEPERATELY BUT SHALL BE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

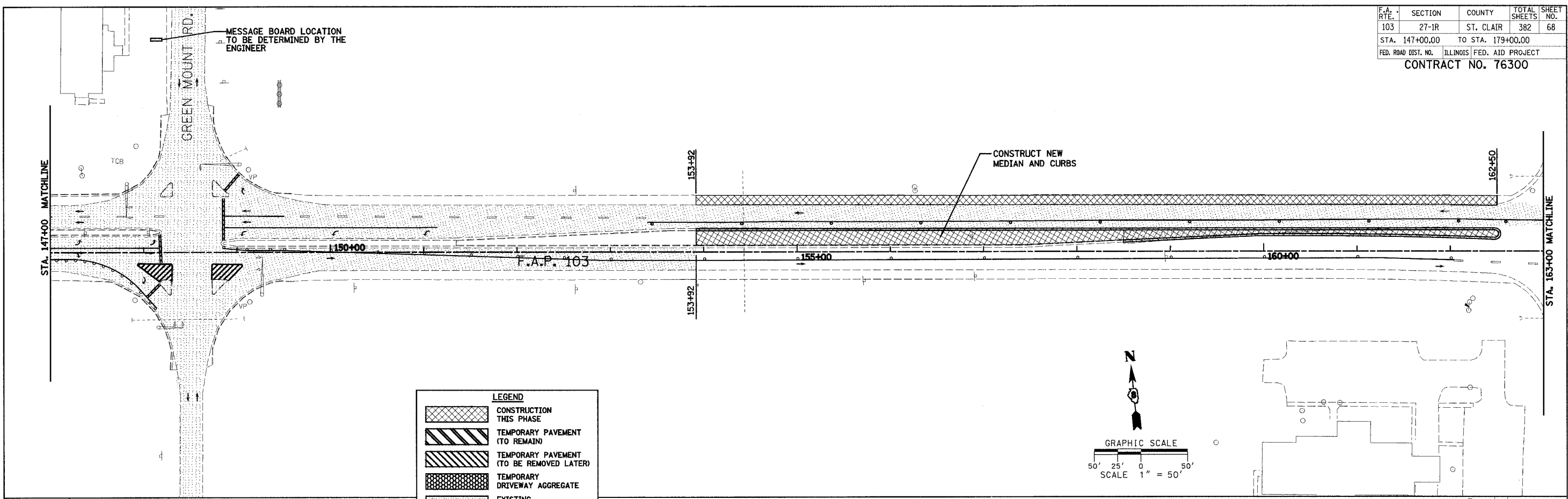
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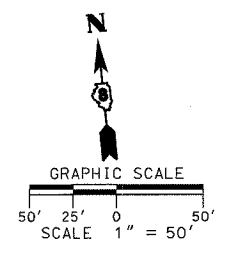
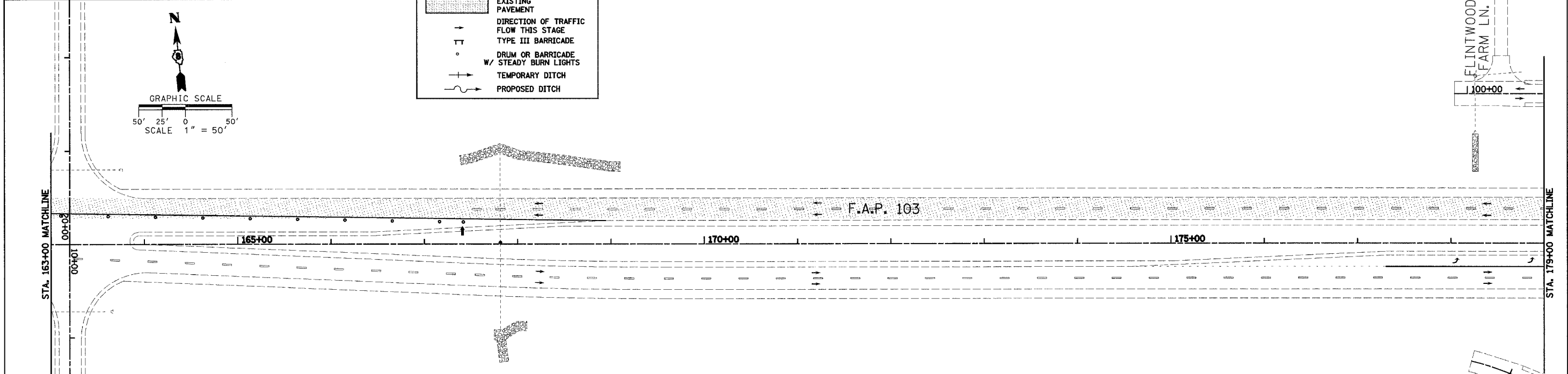
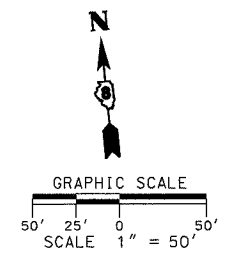
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	68
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	RT. OF WAY CHECKED	
	ADD. FILE NAME	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	RT. OF WAY CHECKED	
	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



REVISIONS	
NAME	DATE

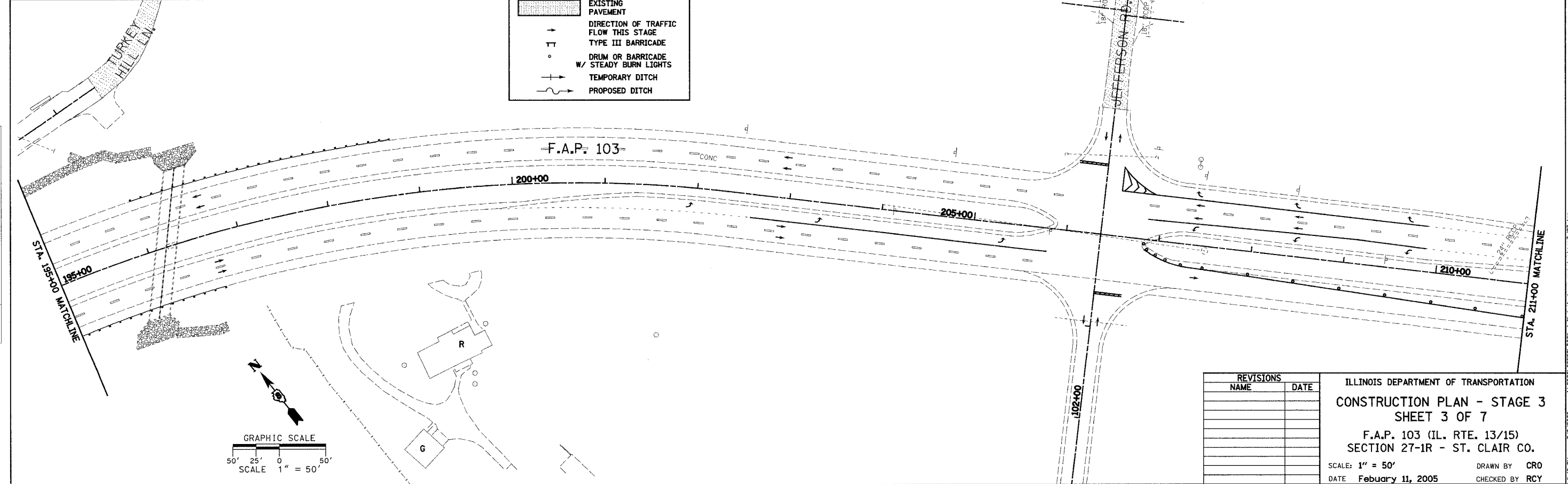
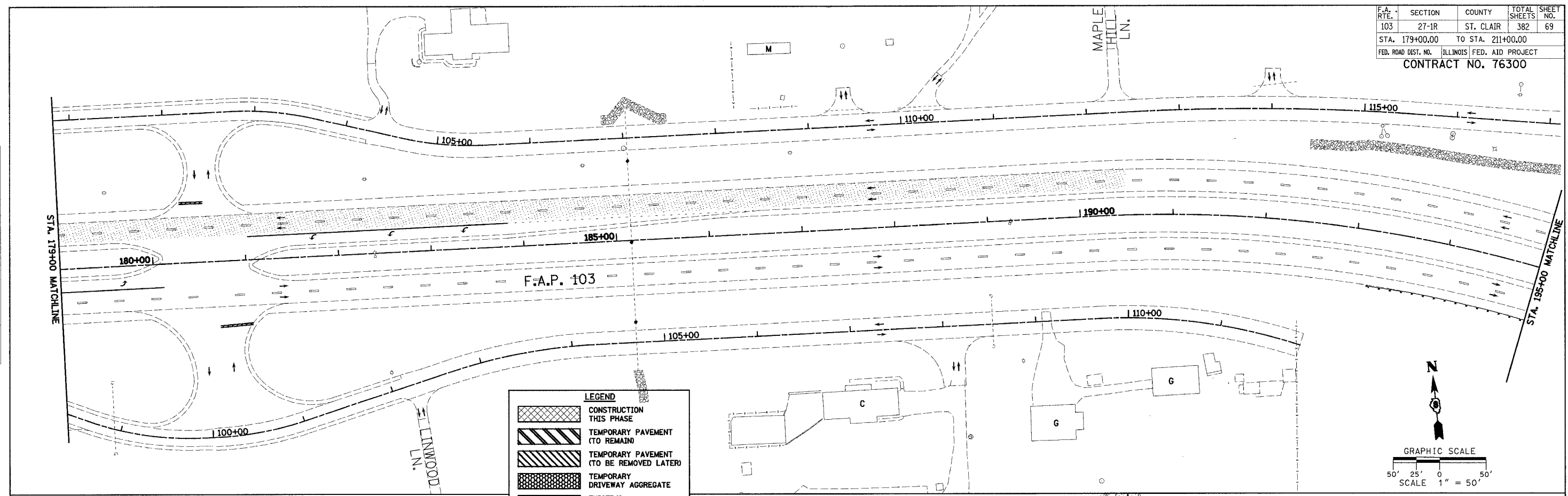
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 3
SHEET 2 OF 7
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50'
 DATE: February 11, 2005
 DRAWN BY: CRO
 CHECKED BY: RCY

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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

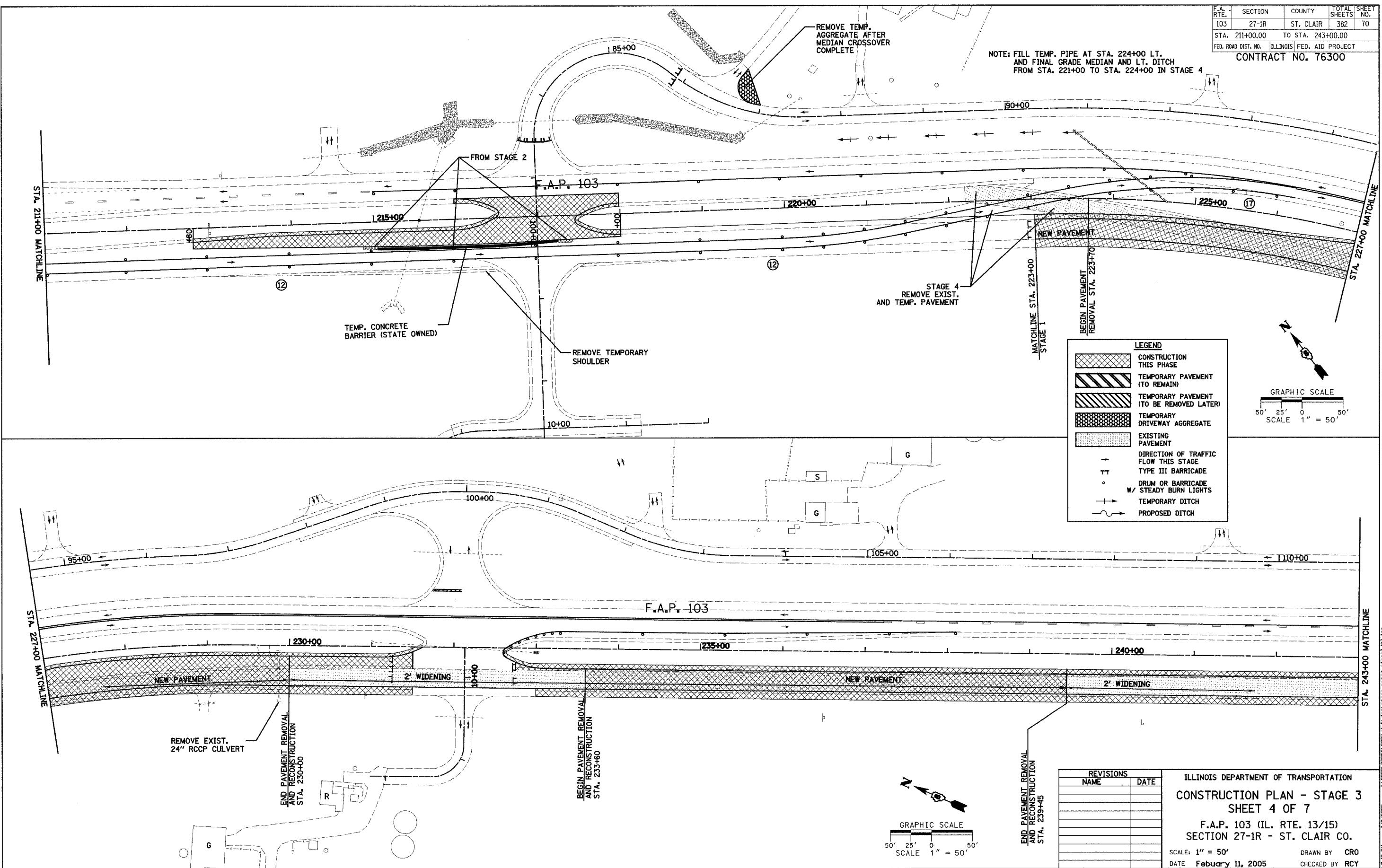
ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 3
SHEET 3 OF 7
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50'
 DATE February 11, 2005
 DRAWN BY CRO
 CHECKED BY RCY

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				

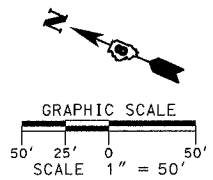
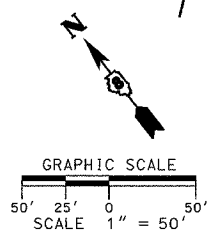
NOTE: FILL TEMP. PIPE AT STA. 224+00 LT. AND FINAL GRADE MEDIAN AND LT. DITCH FROM STA. 221+00 TO STA. 224+00 IN STAGE 4

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

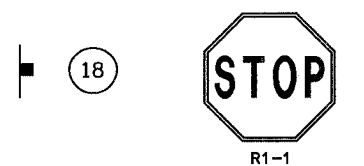
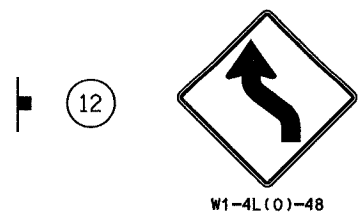
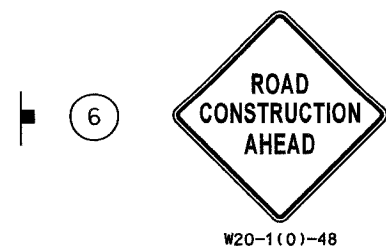
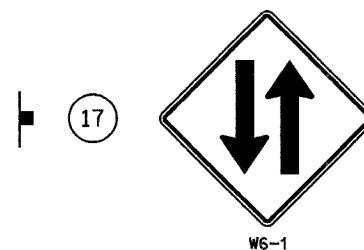
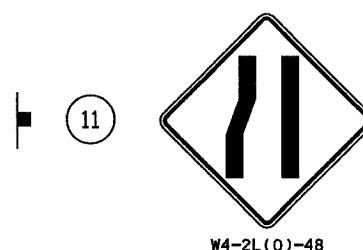
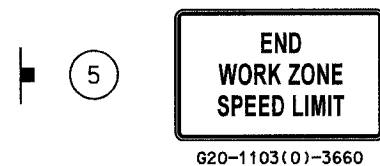
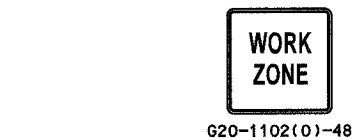
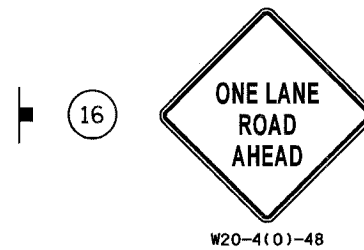
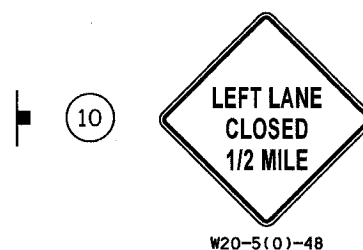
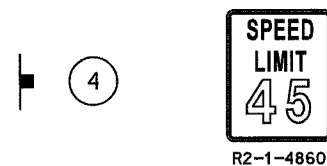
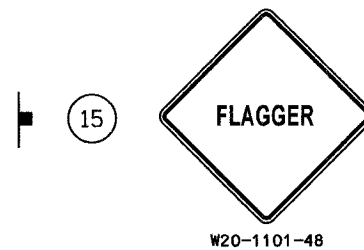
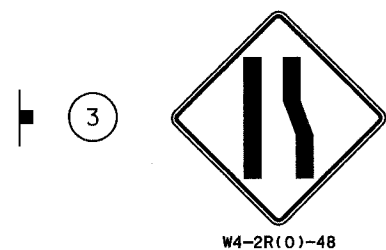
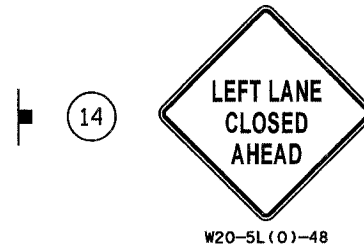
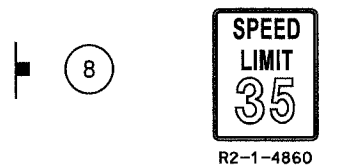
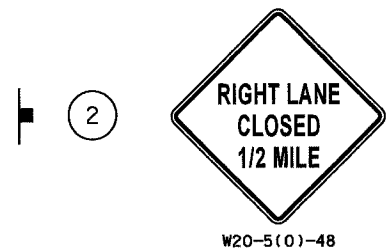
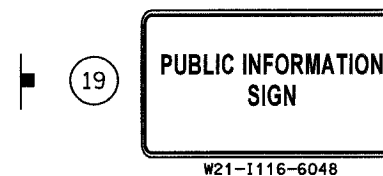
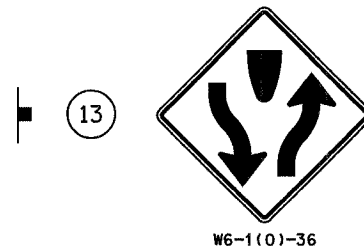
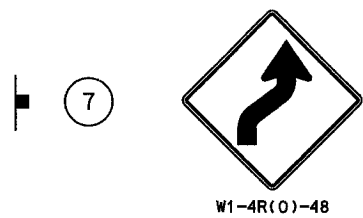
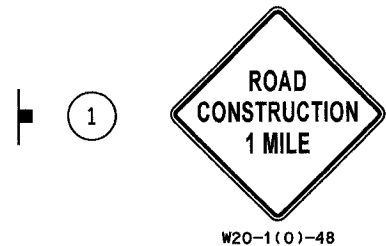


LEGEND	
	CONSTRUCTION THIS PHASE
	TEMPORARY PAVEMENT (TO REMAIN)
	TEMPORARY PAVEMENT (TO BE REMOVED LATER)
	TEMPORARY DRIVEWAY AGGREGATE
	EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	TEMPORARY DITCH
	PROPOSED DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN - STAGE 3
SHEET 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



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

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PRE - STAGE 1 AND STAGE 1

TEMPORARY PAVEMENT MARKINGS											
STATION	TO STATION	ALIGNMENT	SIDE	TEMP PVMT MARKING LINE 4" WHITE	TEMP PVMT MARKING LINE 4" YELLOW	TEMP PVMT MARKING LINE 8" WHITE	TEMP PVMT MARKING LINE 12" WHITE	TEMP PVMT MARKING LINE 12" YELLOW	TEMP PVMT MARKING LINE 24" WHITE	TEMP PVMT MARKING L & S	REMARKS
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	
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	

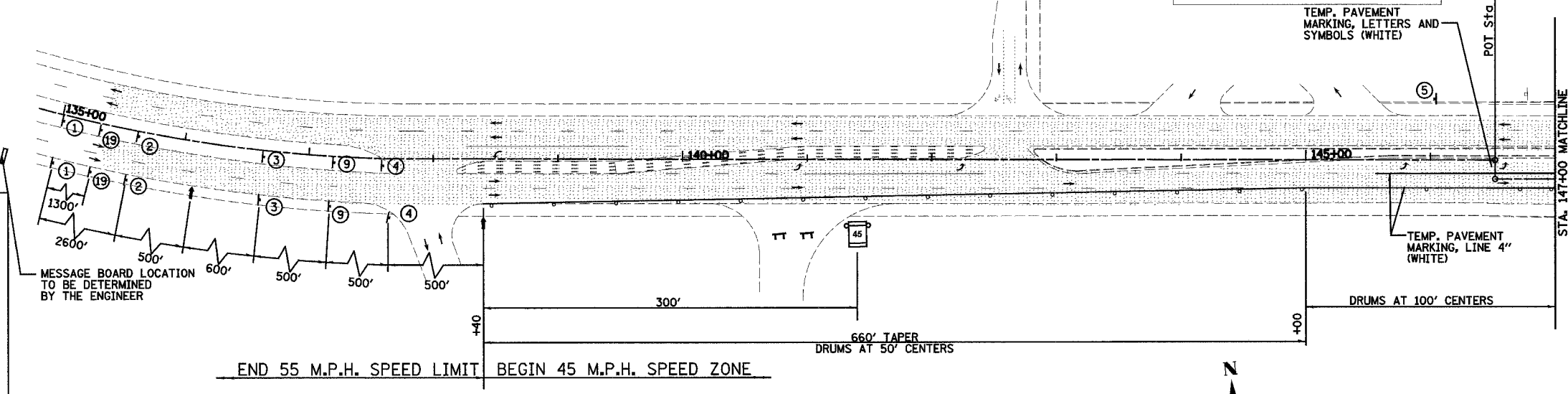
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL - STAGE 1 SCHEDULE
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 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	76
STA. 135+00.00		TO STA. 147+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

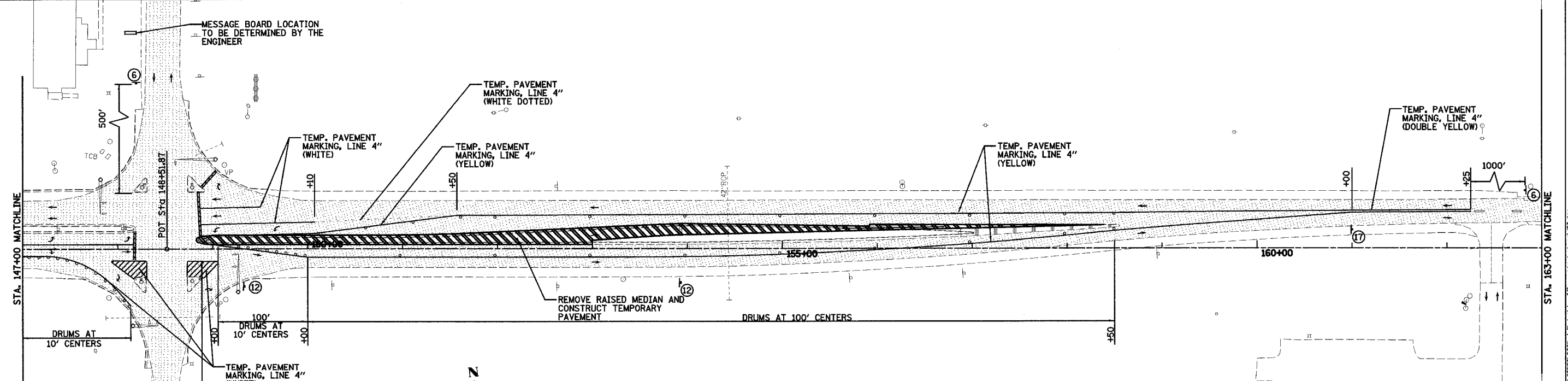
LEGEND

	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:**
- 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.



PRE - STAGE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
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'
 DATE: February 11, 2005
 DRAWN BY: CRO
 CHECKED BY: RCY

DATE	BY
DATE	BY

PLAN SURVEYED BY: []
 NOTE BOOK NO. []
 ALIGNED CHECKED BY: []
 RT. OF WAY CHECKED BY: []
 PLOT FILE NAME: []

DATE	BY
DATE	BY

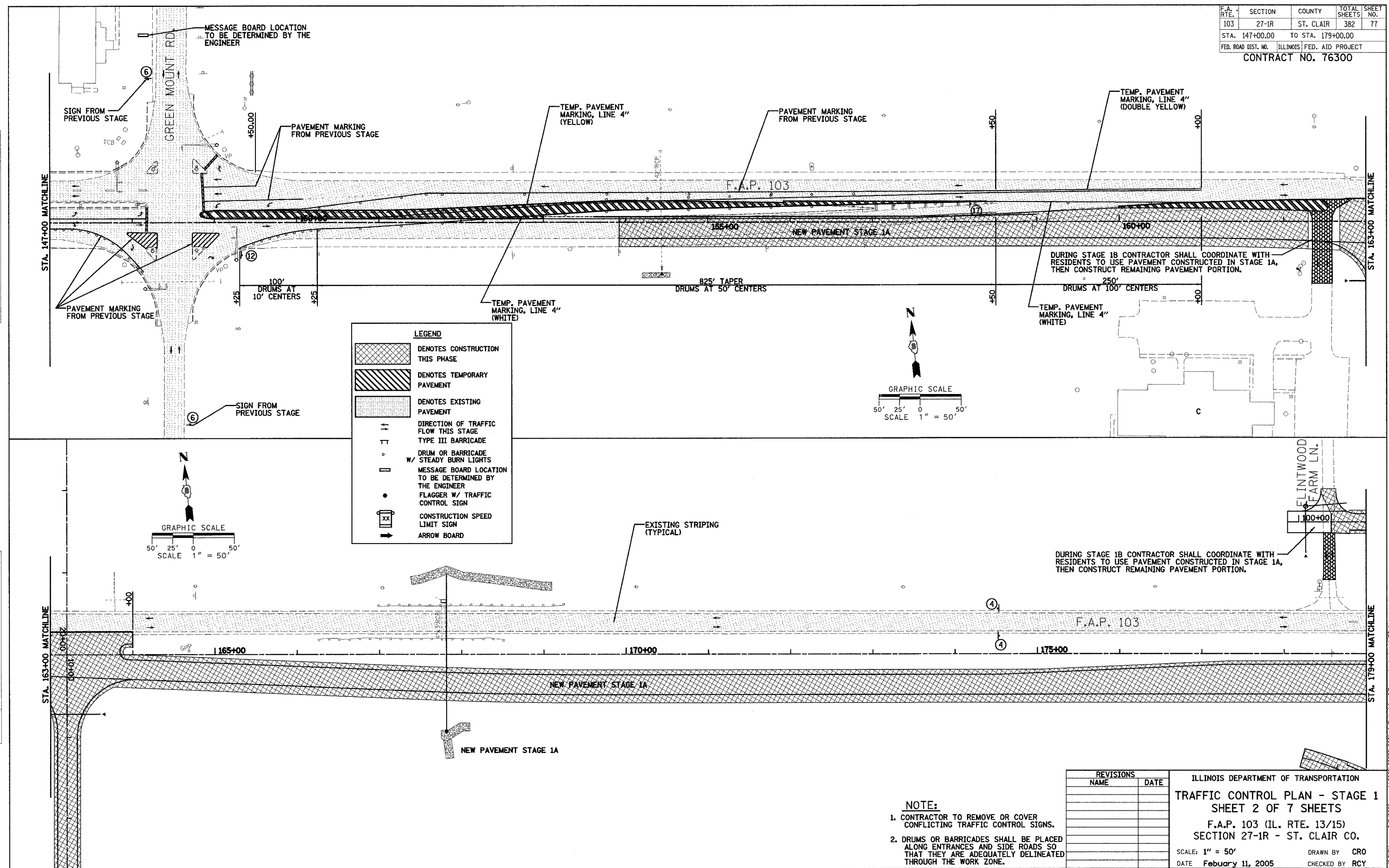
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	77
STA. 147+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

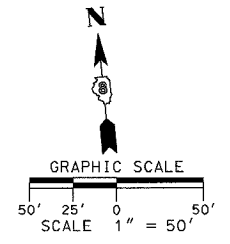
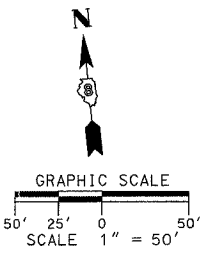
DATE	BY
DATE	BY
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DATE	BY
DATE	BY
DATE	BY



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.

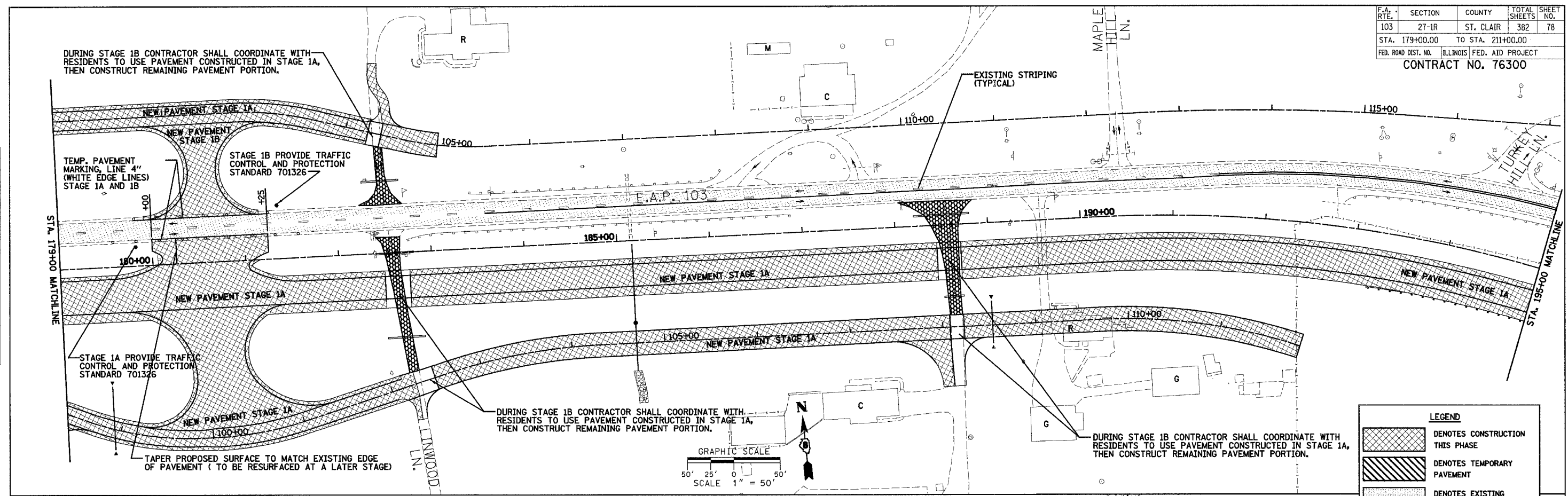
REVISIONS	
NAME	DATE

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

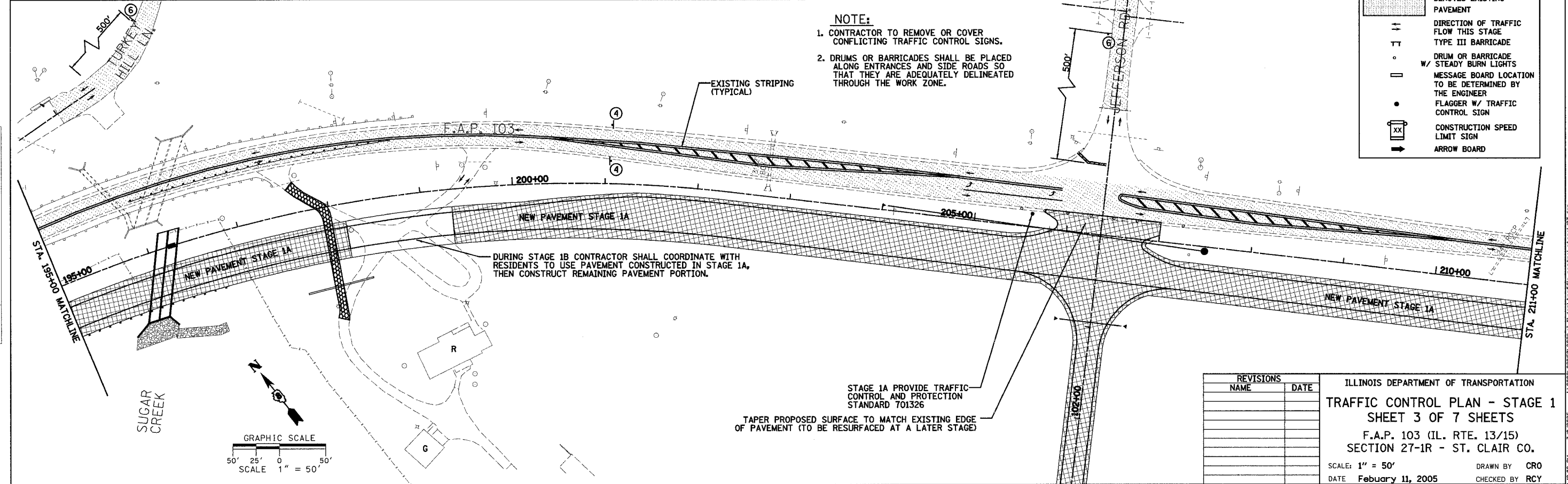
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	78
STA. 179+00.00		TO STA. 211+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

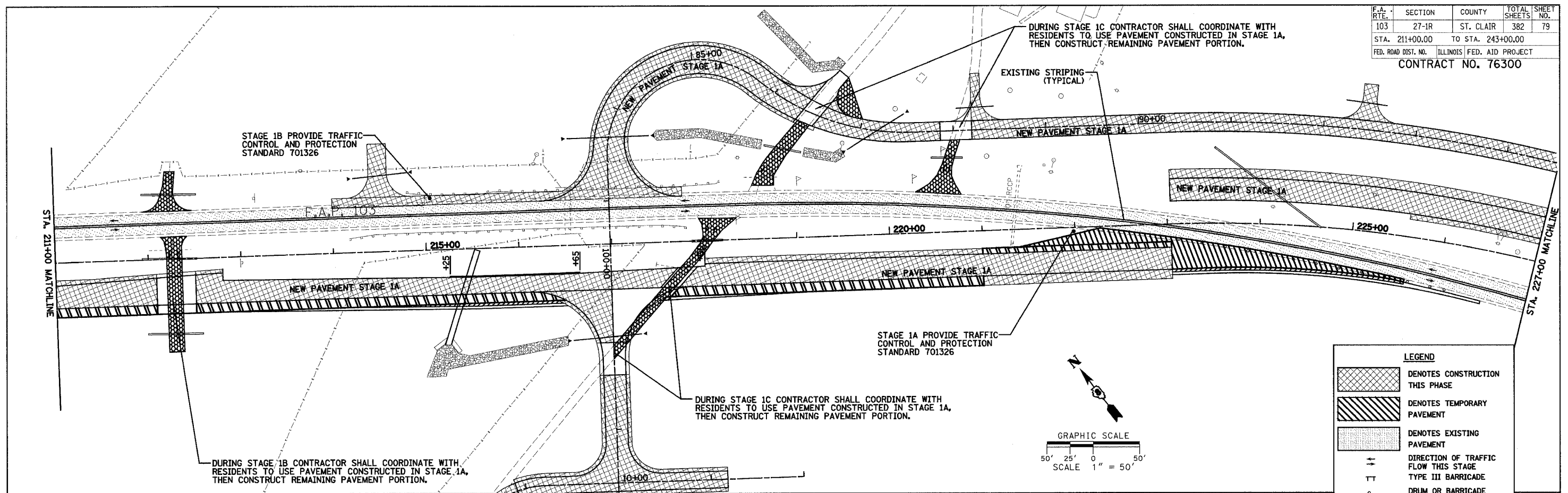


REVISIONS	
NAME	DATE

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

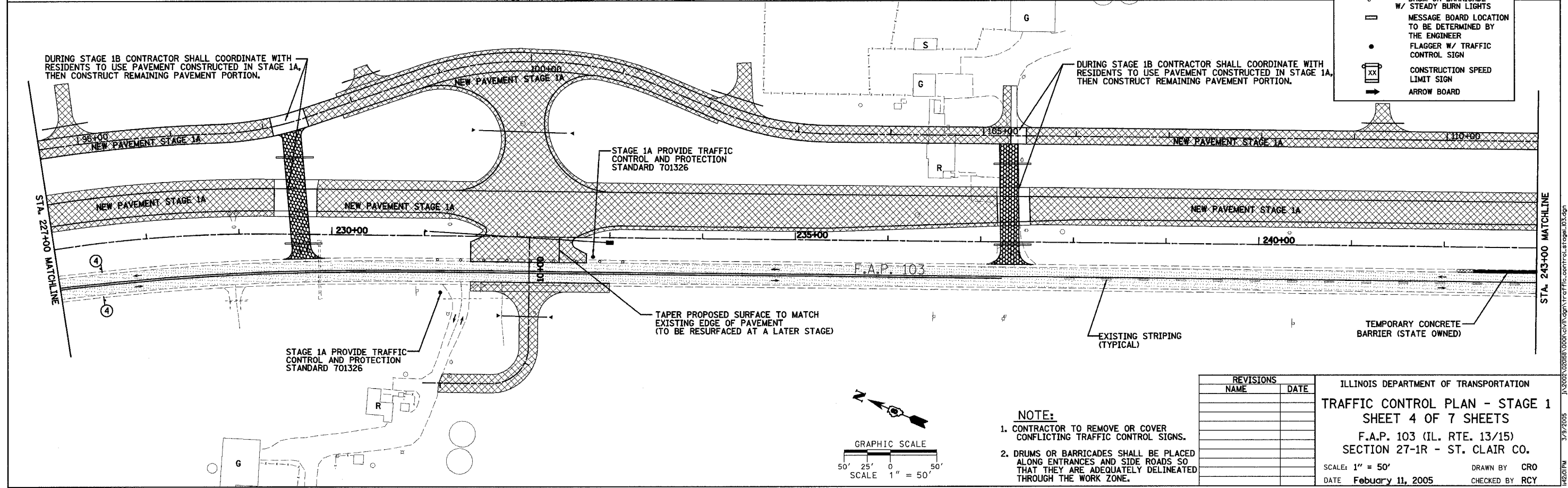
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103	27-1R	ST. CLAIR	382	79
STA. 211+00.00		TO STA. 243+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 76300				

DATE	BY	DESIGNED	DATE
		CHECKED	
PLAN		NO. 1	
NOTE BOOK		NO.	



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

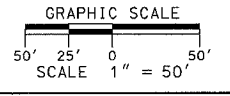
DATE	BY	DESIGNED	DATE
		CHECKED	
PLAN		NO. 1	
NOTE BOOK		NO.	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL 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

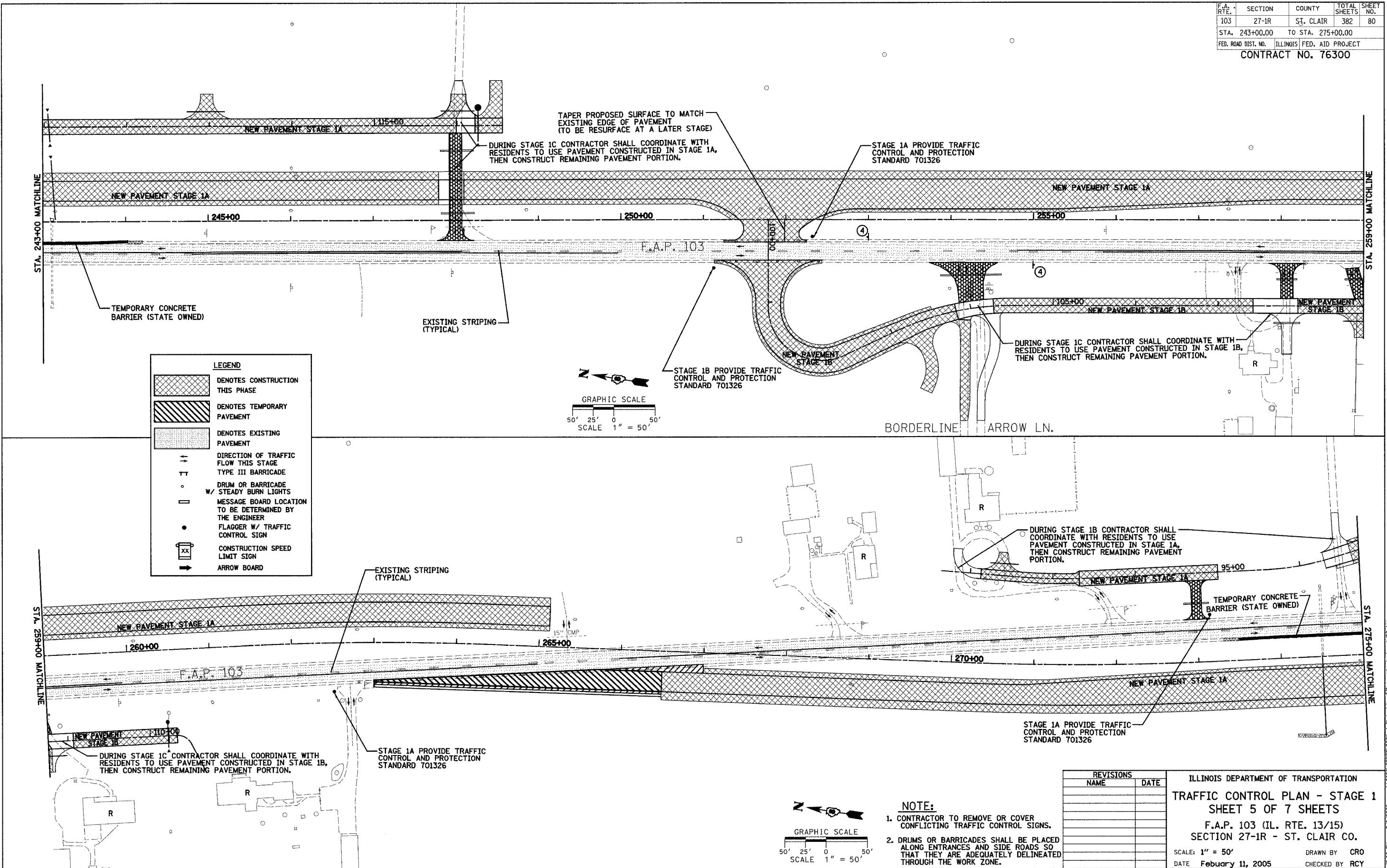
- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
 - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.



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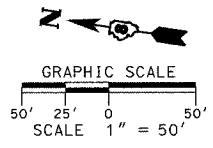
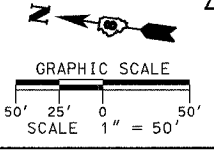
DATE: _____
 BY: _____
 SURVEYED _____
 PLAN _____
 NOTE BOOK _____
 RT. OF WAY CHECKED _____
 NO. _____
 ROAD FILE NAME _____

DATE: _____
 BY: _____
 SURVEYED _____
 PLAN _____
 NOTE BOOK _____
 RT. OF WAY CHECKED _____
 NO. _____
 ROAD 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 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

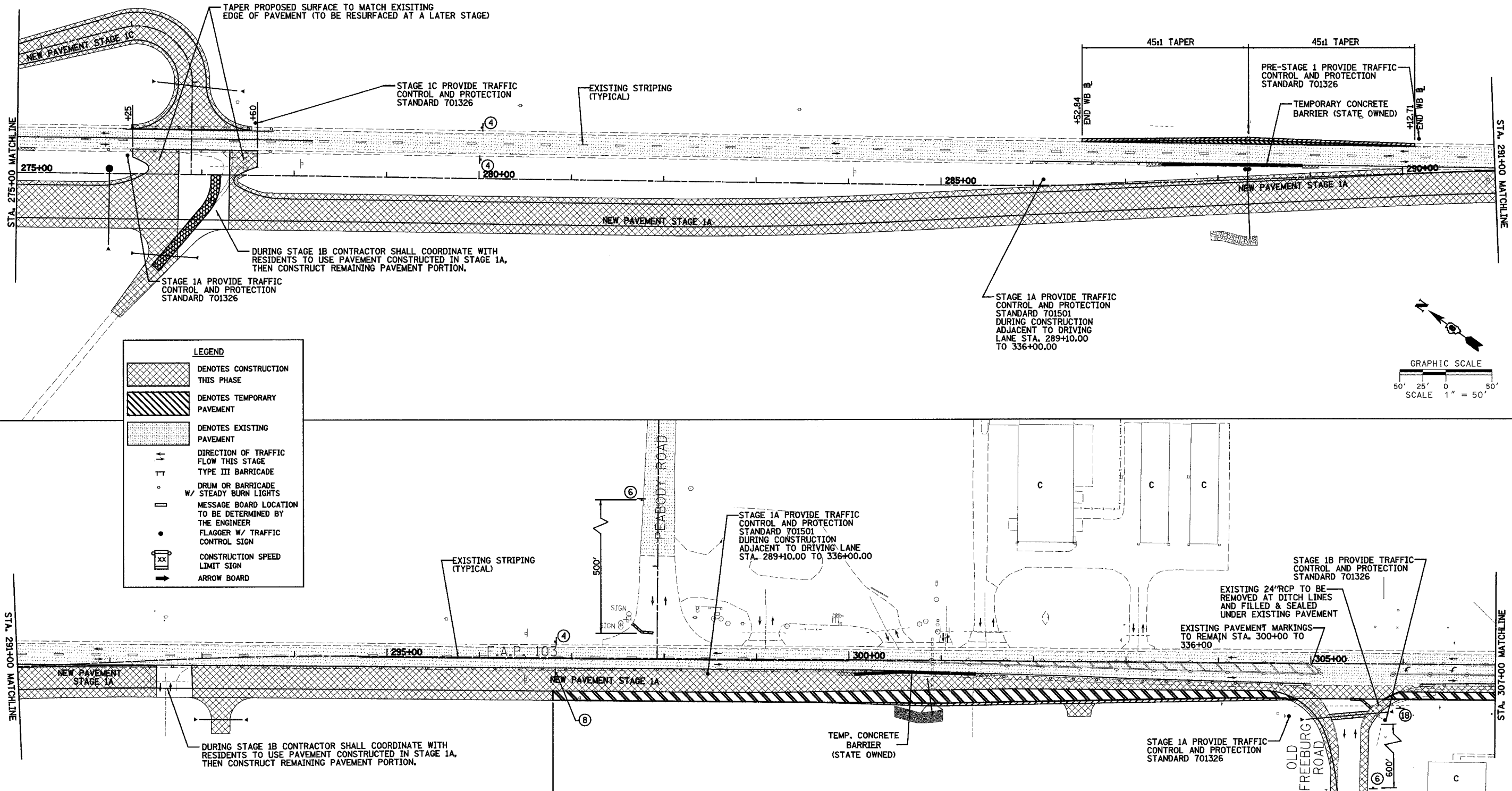
CHECKED BY: RCY

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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		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

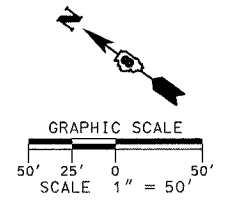
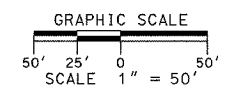
DATE	BY
DATE	BY
DATE	BY

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



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

- 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

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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		
CONTRACT NO. 76300				

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.

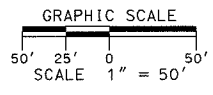
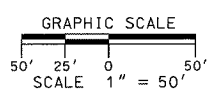
DURING STAGE 1B CONTRACTOR SHALL COORDINATE WITH RESIDENTS TO USE PAVEMENT CONSTRUCTED IN STAGE 1A, THEN CONSTRUCT REMAINING PAVEMENT PORTION.

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.

MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER.

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

DATE	
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SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
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DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
CHECKED	
RT. OF WAY CHECKED	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 76300				

STAGE 2

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 24" WHITE FOOT	TEMP PVMT MARKING L & S SQ FT	REMARKS
161+25	165+50	FAP 103	CL		850			DOUBLE YELLOW
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		

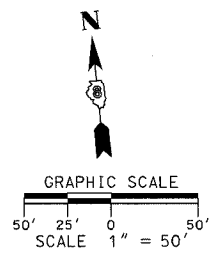
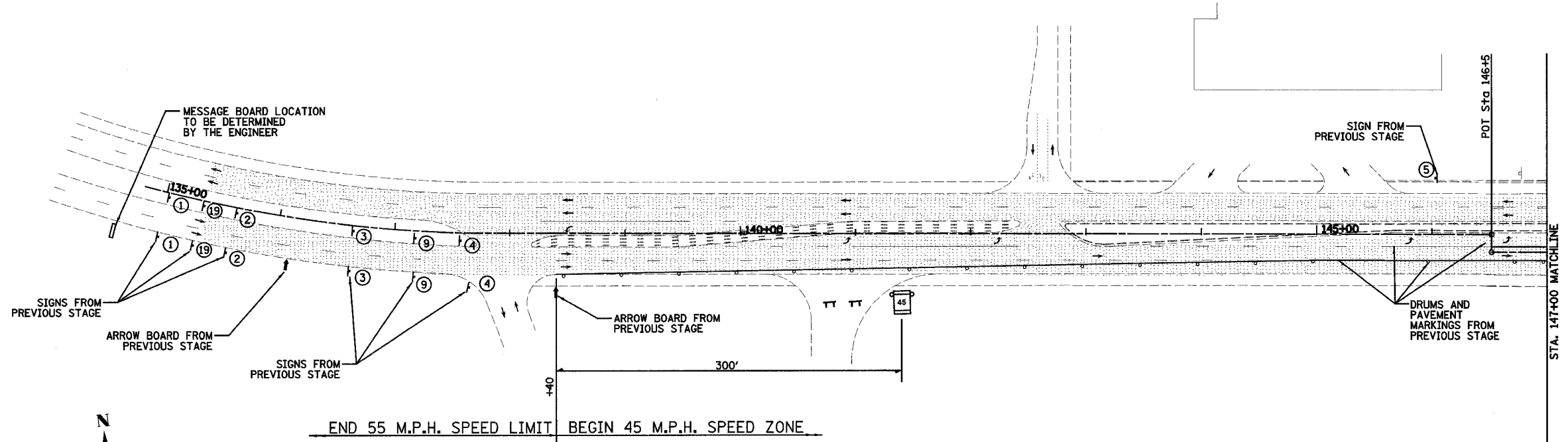
CONTRACT NO. 76300

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	BY		
	FILE NAME		

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

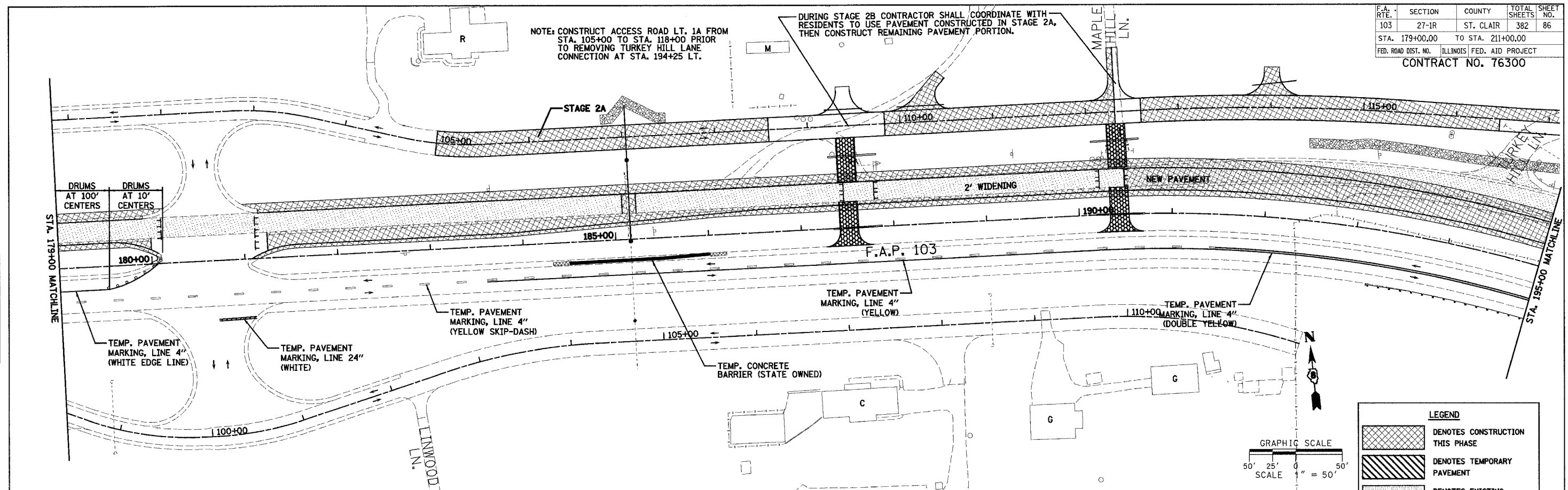
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL PLAN - STAGE 2 SHEET 1 OF 7 F.A.P. 103 (IL. RTE. 13/15) SECTION 27-1R - ST. CLAIR CO. SCALE: 1" = 50' DATE February 11, 2005
NAME	DATE	
		DRAWN BY CRO CHECKED BY RCY

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

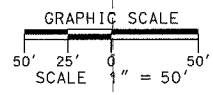
NOTE: CONSTRUCT ACCESS ROAD LT. 1A FROM STA. 105+00 TO STA. 118+00 PRIOR TO REMOVING TURKEY HILL LANE CONNECTION AT STA. 194+25 LT.

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

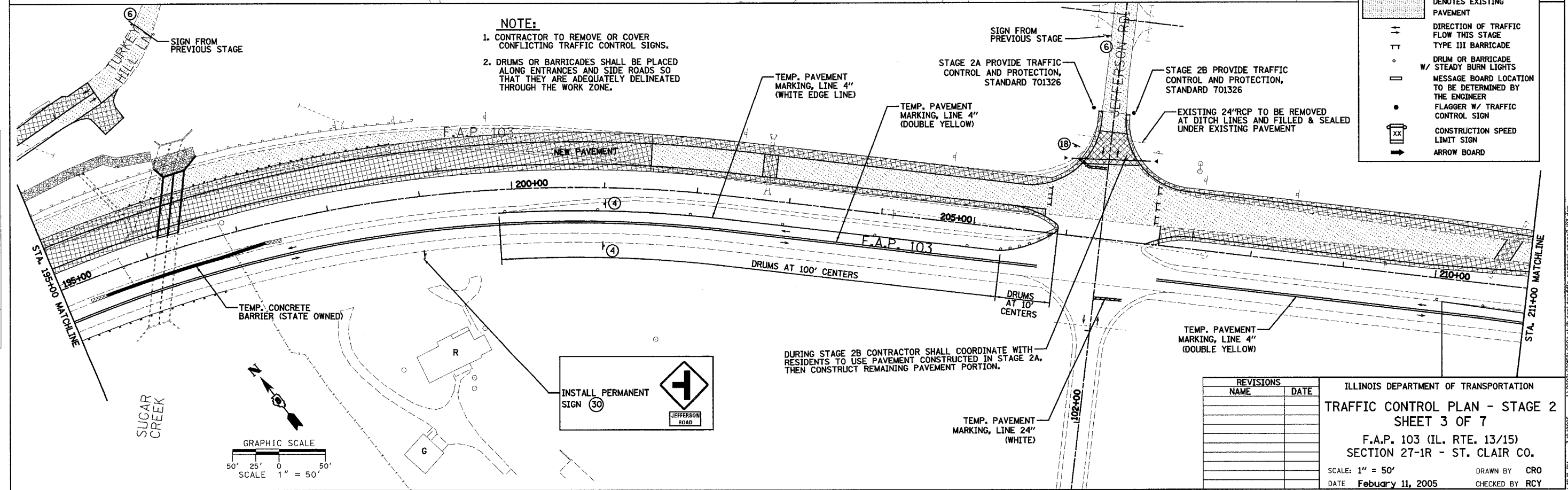


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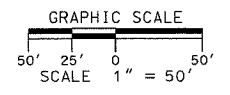
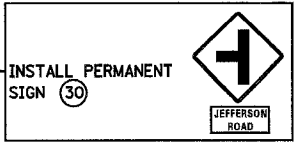
	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT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



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



REVISIONS	
NAME	DATE

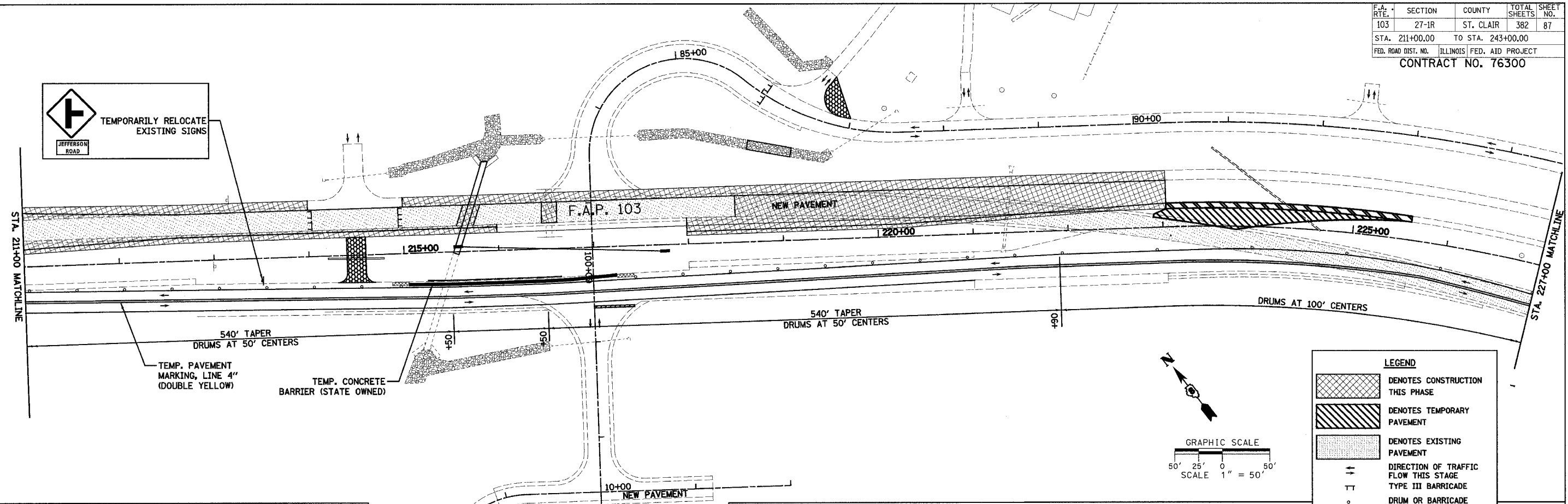
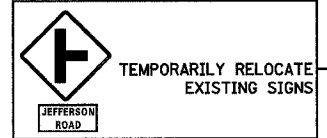
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN - STAGE 2
SHEET 3 OF 7
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50' DRAWN BY CRO
 DATE February 11, 2005 CHECKED BY RCY

DATE	BY	REVISIONS

DATE	BY	REVISIONS

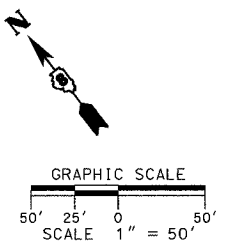
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DATE _____ BY _____
 PLAN SURVEYED _____ ALIGNED _____ CHECKED _____
 NOTE BOOK _____ RT. OF WAY CHECKED _____
 NO. _____ SUB. FILE NAME _____

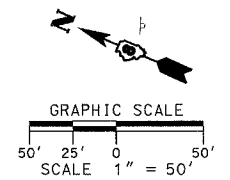
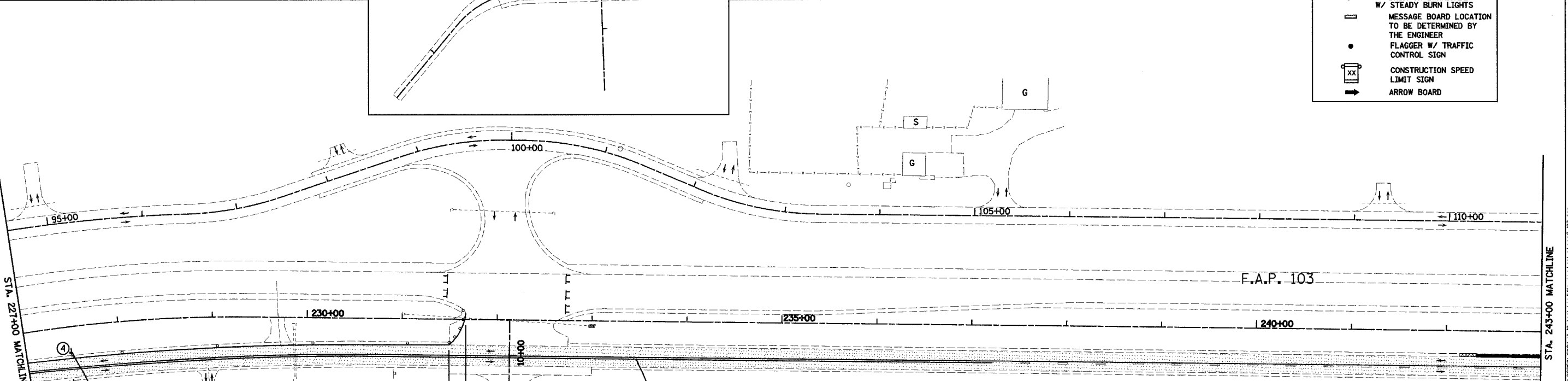


LEGEND

- 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



DATE _____ BY _____
 PLAN SURVEYED _____ ALIGNED _____ CHECKED _____
 NOTE BOOK _____ RT. OF WAY CHECKED _____
 NO. _____ SUB. 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.

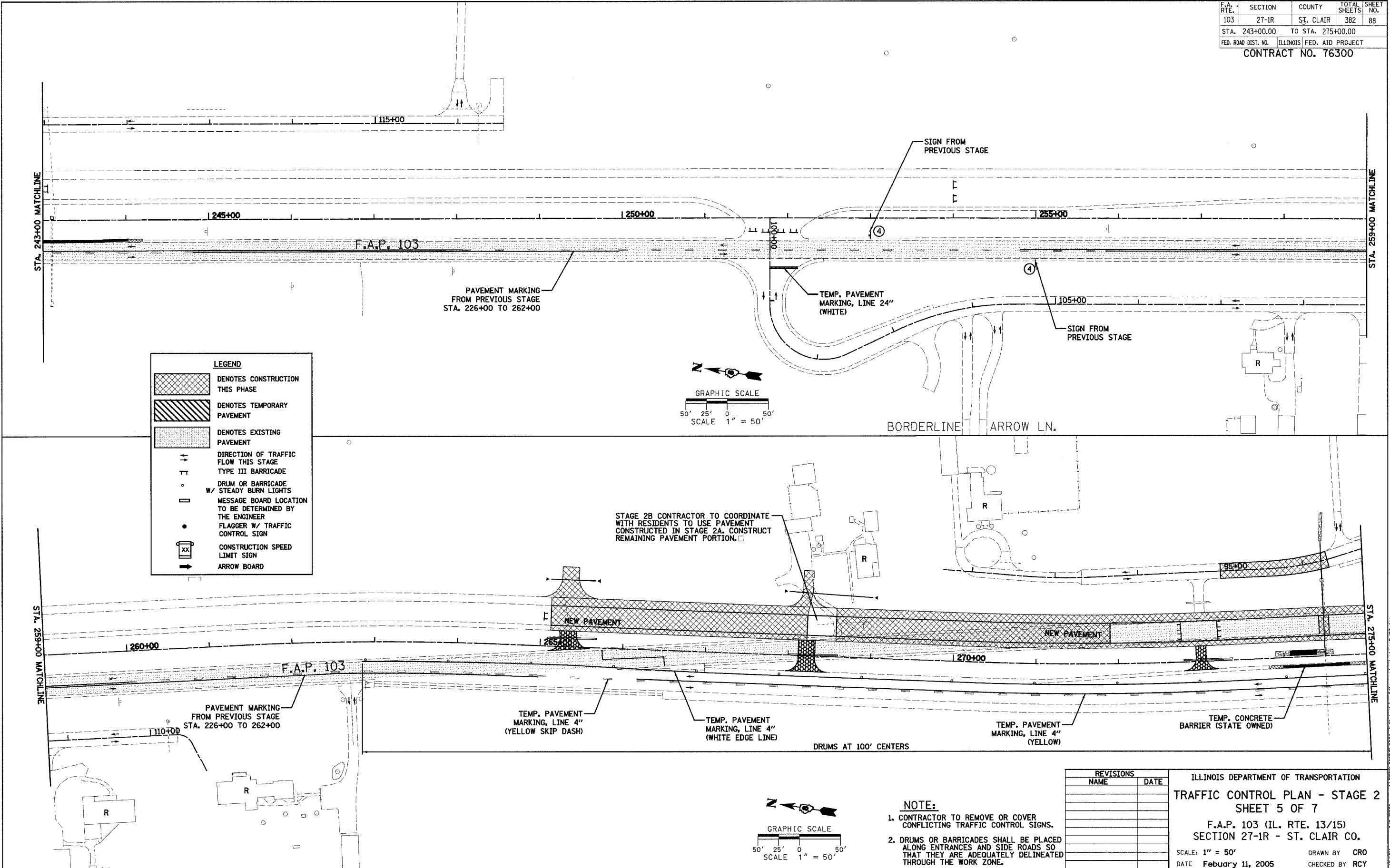
REVISIONS	NAME	DATE

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'
 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	88
STA. 243+00.00		TO STA. 275+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

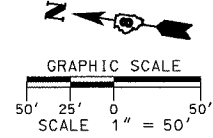
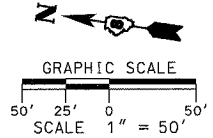
DATE	BY

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
	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
	FLAGGER W/ TRAFFIC CONTROL SIGN
	CONSTRUCTION SPEED LIMIT SIGN
	ARROW BOARD



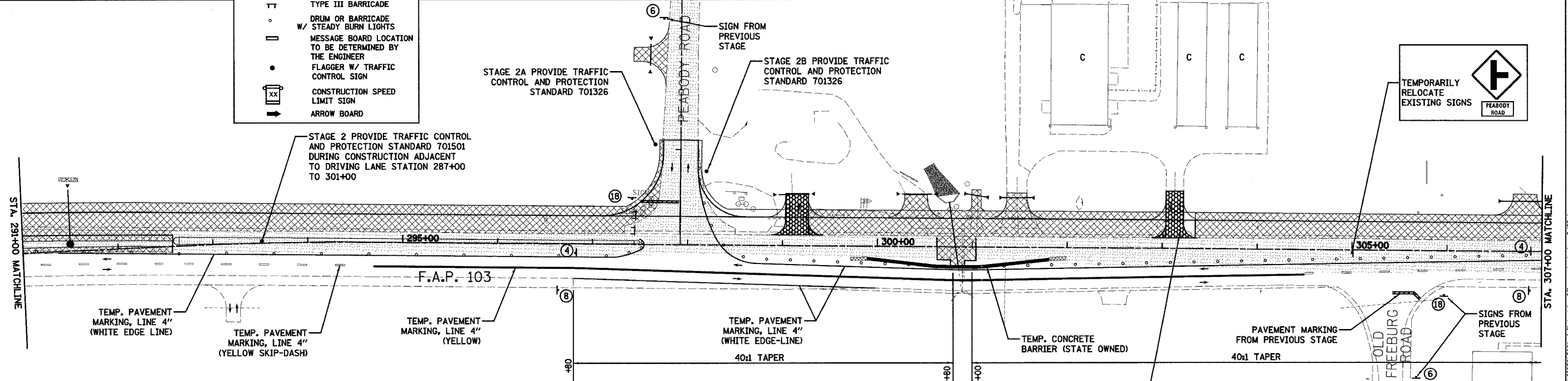
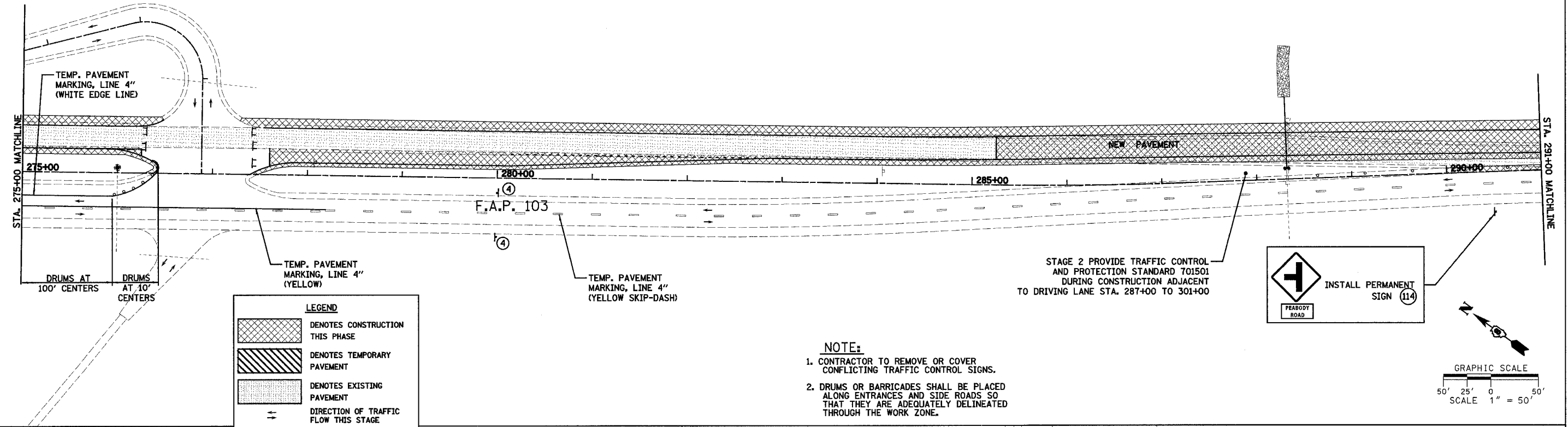
- NOTE:**
- CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
 - DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN - STAGE 2
SHEET 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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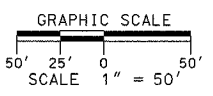
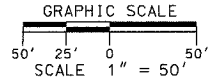
DATE _____ BY _____
 PLAN SURVEYED _____
 NOTE BOOK _____
 RT. OF WAY CHECKED _____
 NO. _____



DATE _____ BY _____
 PLAN SURVEYED _____
 NOTE BOOK _____
 RT. OF WAY CHECKED _____
 NO. _____

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



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STAGE 3

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 12" WHITE FOOT	TEMP PVMT MARKING LINE 24" WHITE FOOT	TEMP PVMT MARKING L & S SQ FT	REMARKS	
181+75	183+25	F.A.P. 103	LT.					40.8	3 LEFT TURN ARROWS	
207+25	209+75	F.A.P. 103	LT.					40.8	3 LEFT TURN ARROWS	
202+00	205+25	F.A.P. 103	RT.					40.8	3 LEFT TURN ARROWS	
207+25	209+75	F.A.P. 103	LT.					40.8	3 RIGHT TURN ARROWS	
224+00	237+25	F.A.P. 103	LT.		2650				DOUBLE YELLOW	
224+00	225+25	F.A.P. 103	LT.		250				DOUBLE YELLOW	
244+75	248+00	F.A.P. 103	LT.		650				DOUBLE YELLOW	
255+75	260+00	F.A.P. 103	LT.		850				DOUBLE YELLOW	
180+25		AR	LT.				30		STOP BAR	
206+25		JEFF	LT.				30		STOP BAR	
232+00		AR	LT.				33		STOP BAR	
276+75		AR	LT.				28		STOP BAR	
184+00	186+50	F.A.P. 103	LT.	63					WHITE DOTTED LINE	
209+86	212+61	F.A.P. 103	LT.	69					WHITE DOTTED LINE	
209+86	212+61	F.A.P. 103	LT.	69					WHITE DOTTED LINE	
174+75	177+25	F.A.P. 103	RT.	63					WHITE DOTTED LINE	
200+00	202+60	F.A.P. 103	RT.	65					WHITE DOTTED LINE	
190+50	201+50	F.A.P. 103	LT.	1100					WHITE EDGE LINE	
206+50	231+50	F.A.P. 103	LT.	2500					WHITE EDGE LINE	
226+75	231+50	F.A.P. 103	LT.	475					WHITE EDGE LINE	
232+75	251+00	F.A.P. 103	LT.	1825					WHITE EDGE LINE	
233+00	272+00	F.A.P. 103	LT.	3900					WHITE EDGE LINE	
252+25	272+00	F.A.P. 103	LT.	1975					WHITE EDGE LINE	
277+25	292+57	F.A.P. 103	LT.	1532					WHITE EDGE LINE	
285+00	292+57	F.A.P. 103	LT.	757					WHITE EDGE LINE	
219+00	226+75	F.A.P. 103	RT.	775					WHITE EDGE LINE	
206+50	209+86	F.A.P. 103	LT.	303		70			WHITE EDGE LINE AND ISLAND	
148+85	149+50	F.A.P. 103	LT.	65					WHITE LANE LINE	
181+00	184+00	F.A.P. 103	LT.	300					WHITE LANE LINE	
206+83	209+86	F.A.P. 103	LT.	303					WHITE LANE LINE	
205+30	205+75	F.A.P. 103	RT.	45					WHITE LANE LINE	
167+40	205+90	F.A.P. 103	LT.	963					WHITE SKIP-DASH	
206+75	224+00	F.A.P. 103	LT.	431					WHITE SKIP-DASH	
162+00	205+75	F.A.P. 103	RT.	1094					WHITE SKIP-DASH	
237+25	244+75	F.A.P. 103	LT.		750				YELLOW CENTERLINE	
248+00	250+00	F.A.P. 103	LT.		200				YELLOW CENTERLINE	
254+75	255+75	F.A.P. 103	LT.		100				YELLOW CENTERLINE	
260+00	265+00	F.A.P. 103	LT.		500				YELLOW CENTERLINE	
266+00	272+00	F.A.P. 103	LT.		600				YELLOW CENTERLINE	
153+50	167+40	F.A.P. 103	LT.		1390				YELLOW EDGE LINE	
167+40	180+00	F.A.P. 103	LT.		1260				YELLOW EDGE LINE	
181+25	205+75	F.A.P. 103	LT.		2450				YELLOW EDGE LINE	
207+00	224+00	F.A.P. 103	LT.		1700				YELLOW EDGE LINE	
161+25	162+00	F.A.P. 103	RT.		75				YELLOW EDGE LINE	
162+00	180+00	F.A.P. 103	RT.		1800				YELLOW EDGE LINE	
181+25	205+75	F.A.P. 103	RT.		2450				YELLOW EDGE LINE	
206+75	224+00	F.A.P. 103	RT.		1725				YELLOW EDGE LINE	
237+25	244+75	F.A.P. 103	LT.		188				YELLOW SKIP-DASH	
248+00	255+75	F.A.P. 103	LT.		194				YELLOW SKIP-DASH	
260+00	292+50	F.A.P. 103	LT.		813				YELLOW SKIP-DASH	
TOTALS (RURAL)					18672	20,595	70	121	163.2	
305+75	336+00	F.A.P. 103	CL					152.0	20 LEFT TURN ARROWS	
292+57	297+00	F.A.P. 103	LT.		886				DOUBLE YELLOW	
297+75		F.A.P. 103	LT.				36		STOP BAR	
292+57	297+50	F.A.P. 103	LT.	493					WHITE EDGE LINE	
292+57	297+50	F.A.P. 103	LT.	493					WHITE EDGE LINE	
298+50	332+75	F.A.P. 103	LT.	3425					WHITE EDGE LINE	
333+25	338+10	F.A.P. 103	LT.	485					WHITE EDGE LINE	
297+50	304+50	F.A.P. 103	RT.	700					WHITE EDGE LINE	
305+75	338+10	F.A.P. 103	RT.	3235					WHITE EDGE LINE	
305+75	317+75	F.A.P. 103	LT.	300					WHITE SKIP-DASH	
305+75	327+50	F.A.P. 103	RT.	544					WHITE SKIP-DASH	
298+25	304+50	F.A.P. 103	LT.		625				YELLOW EDGE LINE	
298+25	304+50	F.A.P. 103	LT.		625				YELLOW EDGE LINE	
305+75	336+00	F.A.P. 103	LT.		757				YELLOW SKIP DASH	
305+75	336+00	F.A.P. 103	RT.		757				YELLOW SKIP DASH	
305+75	336+00	F.A.P. 103	LT.		3025				YELLOW LANE LINE	
305+75	336+00	F.A.P. 103	RT.		3025				YELLOW LANE LINE	
TOTALS (URBAN)					9675	9700		36	152.0	

STAGE 3

PAVEMENT MARKING REMOVAL

STATION	TO STATION	ALIGNMENT	SIDE	PAVEMENT MARKING REMOVAL SQ FT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT	REMARKS	
161+00	190+50	FAP 103	LT	983		WHITE EDGE LINE	
201+50	205+75	FAP 103	LT	175		WHITE EDGE LINE	
207+00	217+40	FAP 103	LT	347		WHITE EDGE LINE	
217+75	218+50	FAP 103	LT	25		WHITE EDGE LINE	
201+50	206+00	FAP 103	LT	300		DOUBLE YELLOW	
201+50	204+20	FAP 103	LT	450		MEDIAN	
206+50	210+00	FAP 103	LT	528		MEDIAN	
210+00	221+00	FAP 103	LT	733		DOUBLE YELLOW	
276+00	278+00	FAP 103	LT	67		WHITE EDGE LINE	
276+25	277+50	FAP 103	LT	42		WHITE EDGE LINE	
183+75	190+50	FAP 103	LT	225		YELLOW CENTERLINE	
161+00	190+50	FAP 103	LT	246		YELLOW SKIP-DASH	
204+85	206+00	FAP 103	LT	38		WHITE LANE LINE	
200+50	204+85	FAP 103	LT	36		WHITE DOTTED LINE	
203+25	206+00	FAP 103	LT	27		2 LEFT TURN ARROWS	
159+00	161+25	FAP 103	LT		75	YELLOW LINE	
156+00	160+50	FAP 103	LT		150	WHITE EDGE LINE	
161+25	165+50	FAP 103	RT		283	DOUBLE YELLOW	
165+50	191+50	FAP 103	RT		217	YELLOW SKIP-DASH	
191+50	205+75	FAP 103	RT		950	DOUBLE YELLOW	
207+00	223+00	FAP 103	RT		1066	DOUBLE YELLOW	
162+00	177+25	FAP 103	RT		508	WHITE EDGE LINE	
179+50	180+00	FAP 103	RT		50	WHITE EDGE LINE	
181+25	202+60	FAP 103	RT		712	WHITE EDGE LINE	
205+40	205+90	FAP 103	RT		50	WHITE EDGE LINE	
206+80	223+00	FAP 103	RT		540	WHITE EDGE LINE	
183+50	191+50	FAP 103	RT		267	YELLOW CENTERLINE	
TOTALS (RURAL)					4222	4868	
297+50	300+00	FAP 103	LT	83		WHITE EDGE LINE	
300+00	336+00	FAP 103	LT	1200		WHITE EDGE LINE	
297+50	300+00	FAP 103	LT	83		YELLOW CENTERLINE	
297+50	300+00	FAP 103	LT	21		YELLOW SKIP-DASH	
300+00	305+10	FAP 103	RT	680		2 DOUBLE YELLOW	
300+00	305+10	FAP 103	RT	240		DIAGONAL LINES	
300+00	336+00	FAP 103	RT		1200	WHITE EDGE LINE	
300+00	304+50	FAP 103	RT		300	DOUBLE YELLOW	
313+75	319+00	FAP 103	RT		175	YELLOW CENTERLINE	
305+85	307+00	FAP 103	RT	38		YELLOW LANE LINE	
305+85	307+00	FAP 103	RT	38		YELLOW LANE LINE	
304+50	336+00	FAP 103	RT		263	YELLOW SKIP-DASH	
TOTALS (URBAN)					2383	1938	

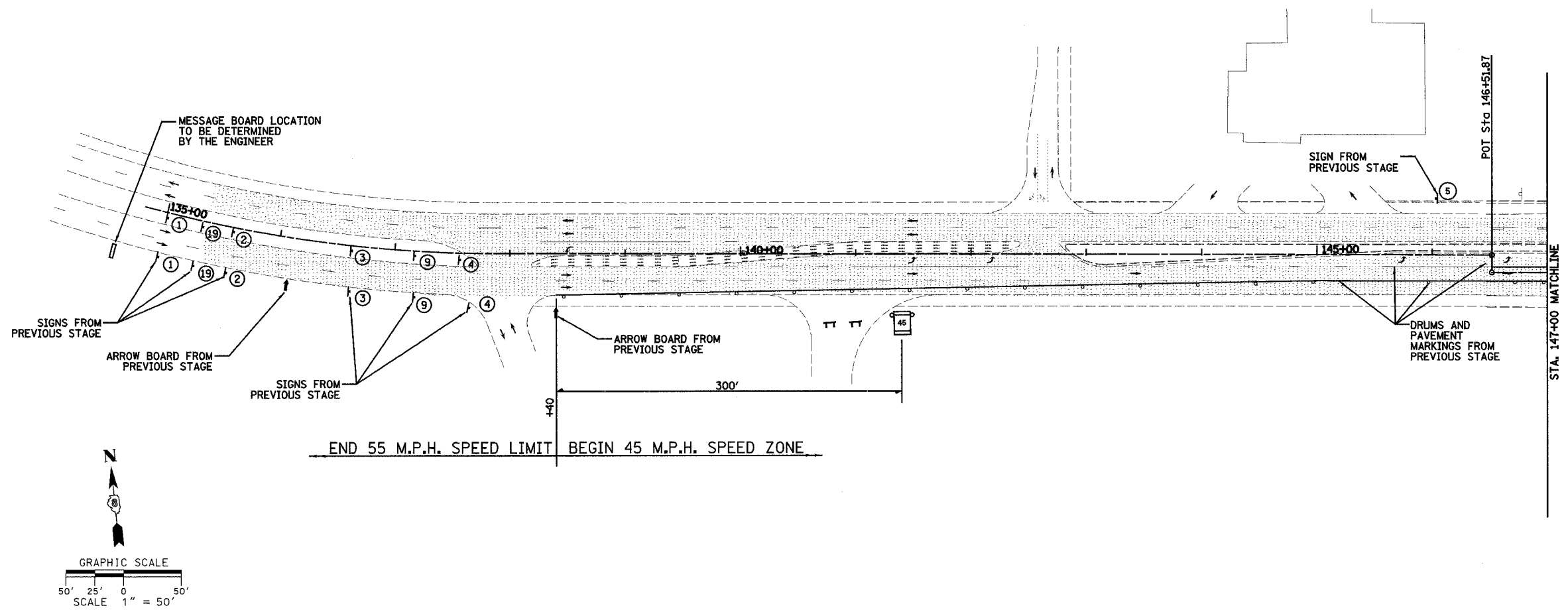
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL - STAGE 3 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	92
STA. 135+00.00		TO STA. 147+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
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
	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.

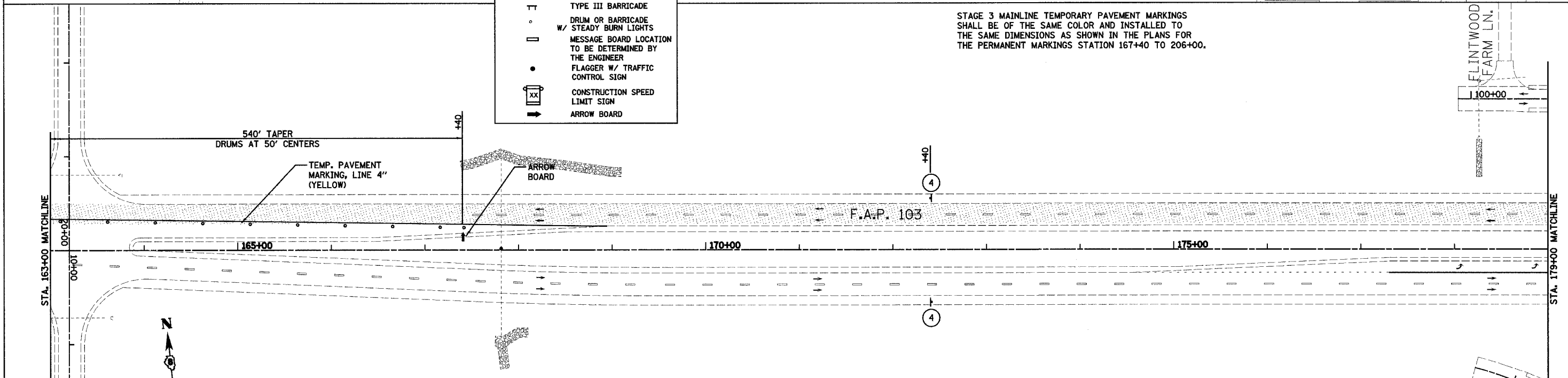
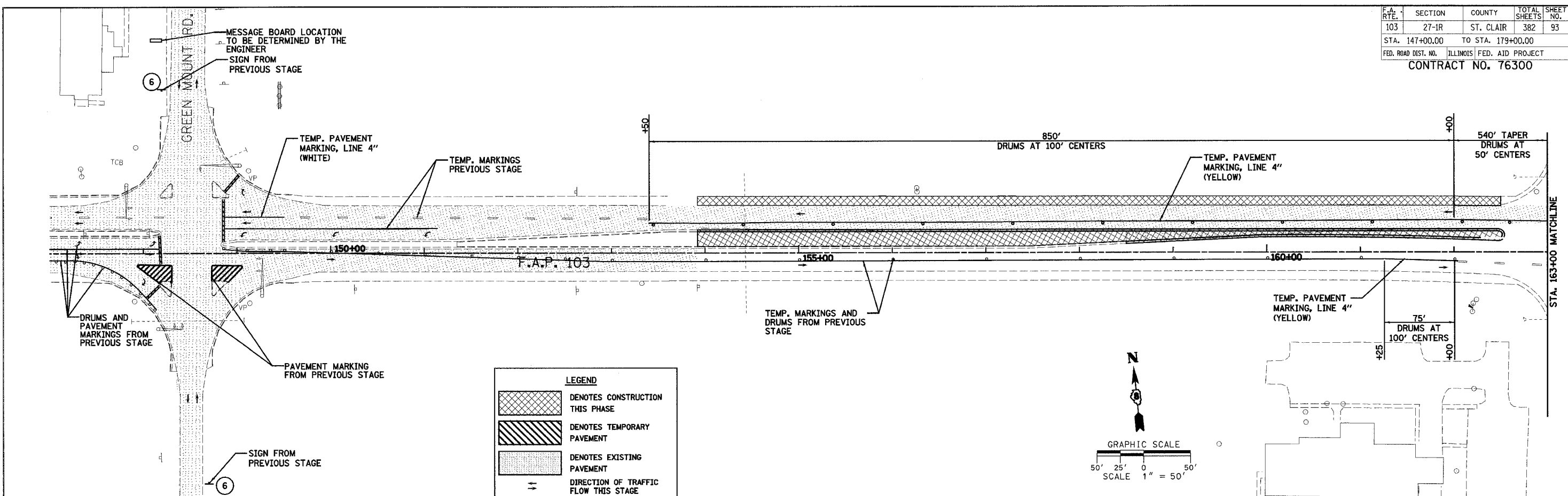
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NAME	DATE	
		DRAWN BY CRO CHECKED BY RCY

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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	
	NOTED	
	BY	
	NO.	

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	



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.

- 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	
NAME	DATE

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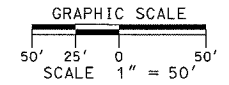
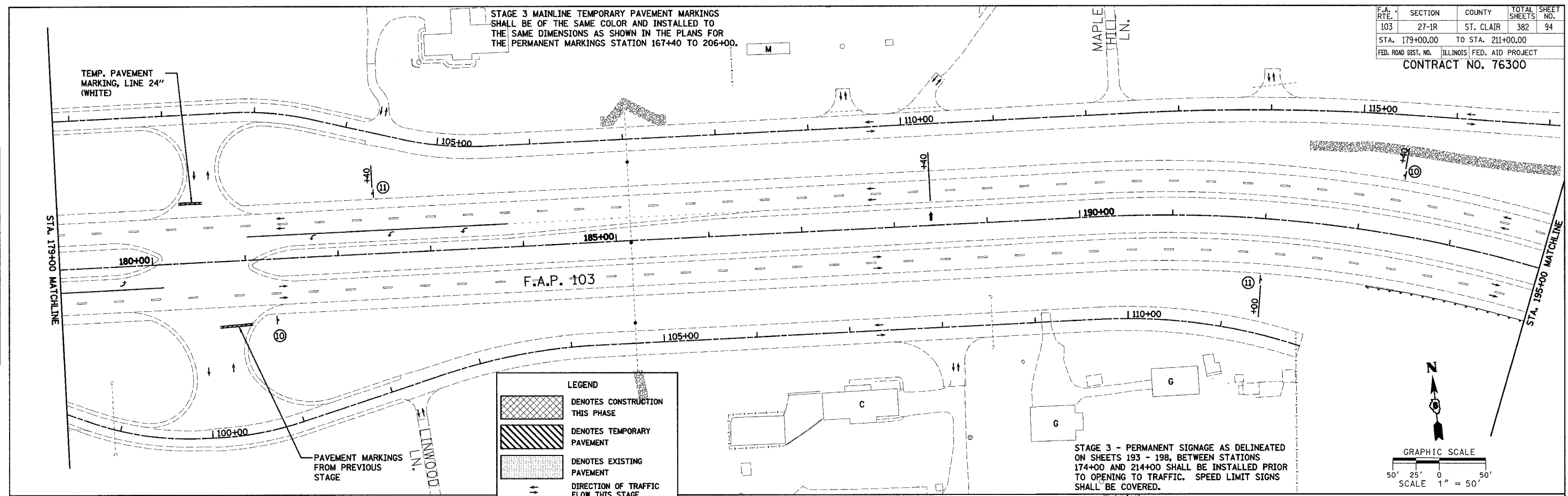
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	94
STA. 179+00.00		TO STA. 211+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

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 167+40 TO 206+00.

TEMP. PAVEMENT MARKING, LINE 24" (WHITE)

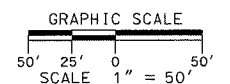
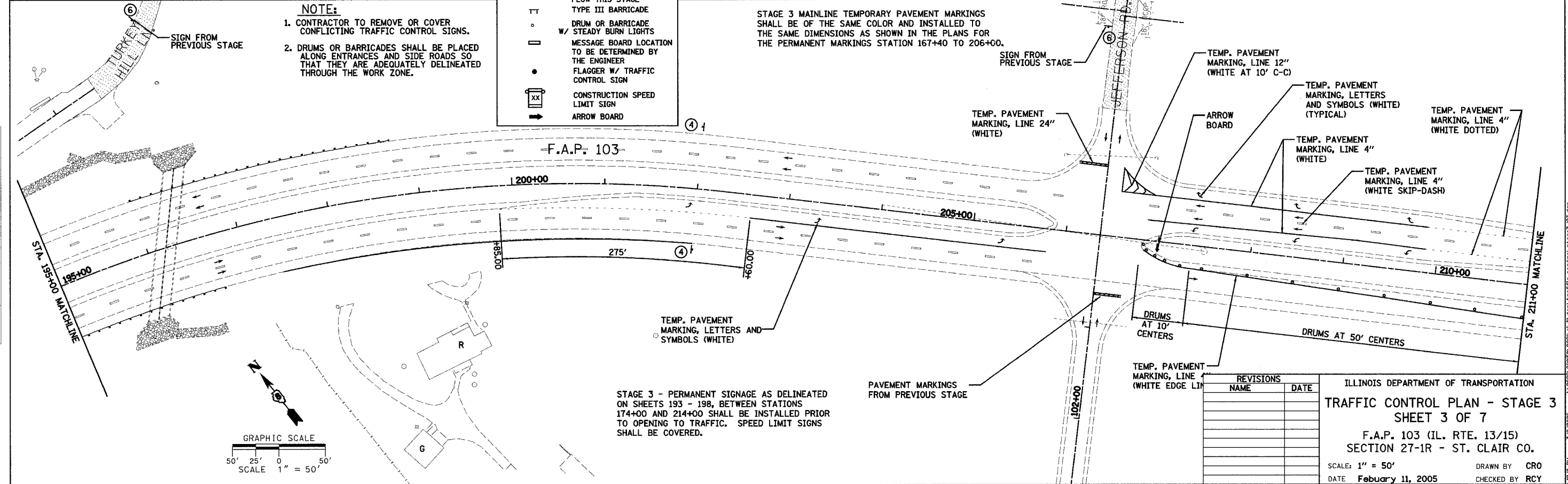
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DATE	BY



- 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.

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.



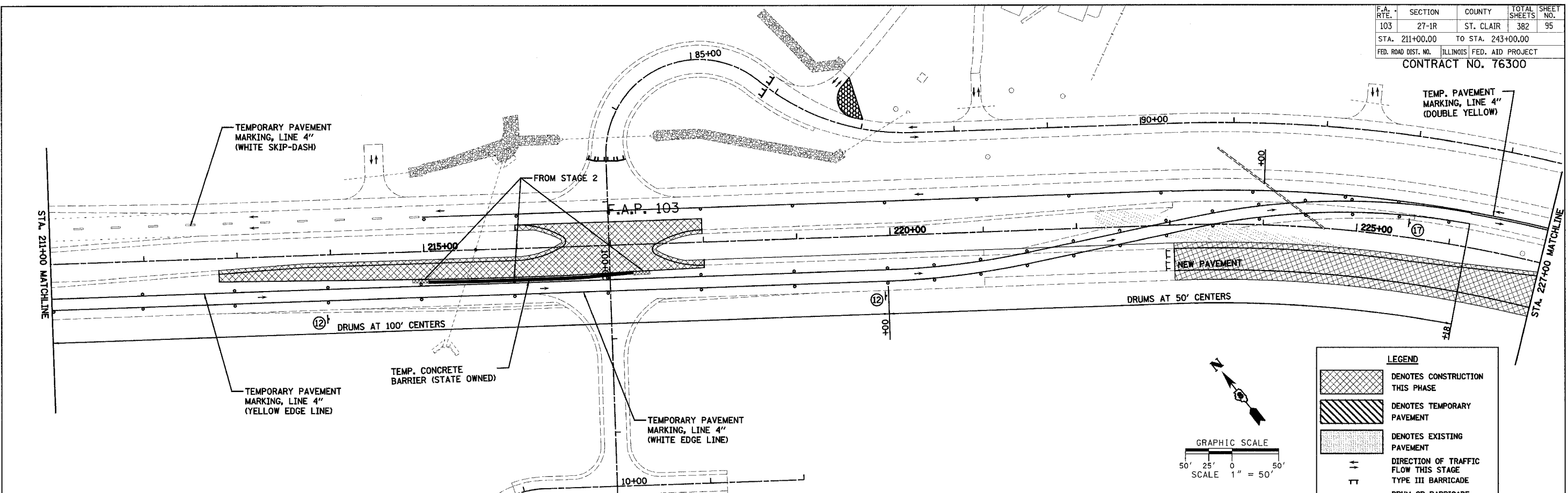
REVISIONS	NAME	DATE

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				

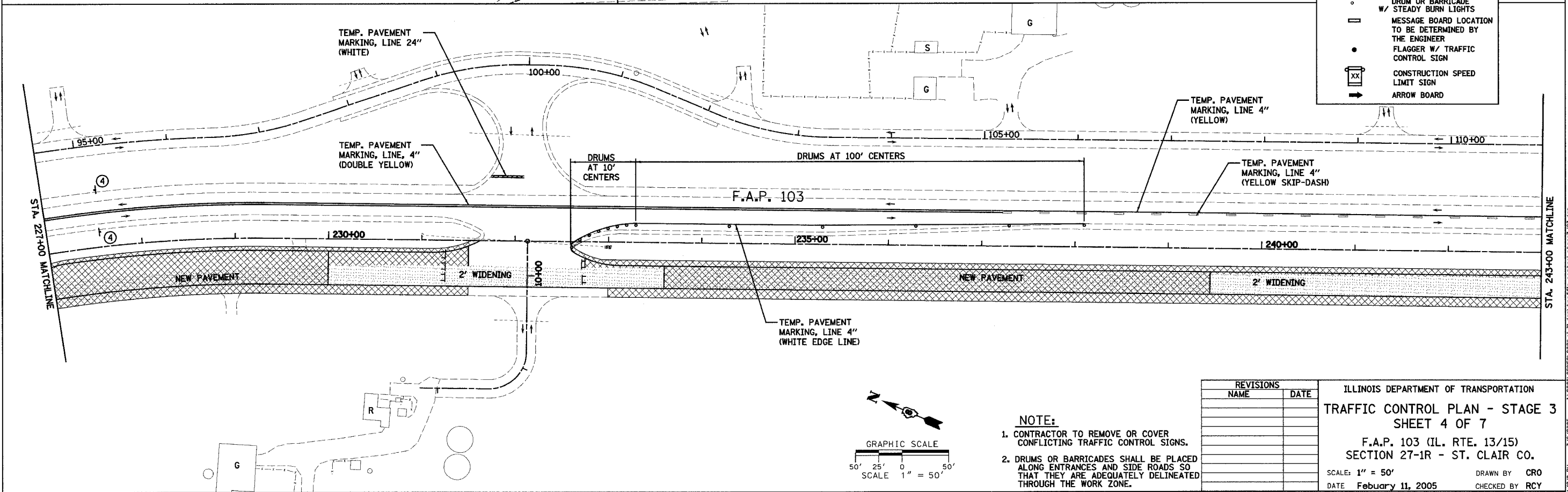
PLAN
 SURVEYED BY: _____ DATE: _____
 NOTE BOOK NO. _____
 ALIGNMENT CHECKED BY: _____
 RT. OF WAY CHECKED BY: _____
 ROAD FILE NAME: _____



LEGEND

[Cross-hatch pattern]	DENOTES CONSTRUCTION THIS PHASE
[Diagonal lines]	DENOTES TEMPORARY PAVEMENT
[Stippled pattern]	DENOTES EXISTING PAVEMENT
[Double arrow]	DIRECTION OF TRAFFIC FLOW THIS STAGE
[T-bar]	TYPE III BARRICADE
[Circle with W]	DRUM OR BARRICADE W/ STEADY BURN LIGHTS
[Rectangle]	MESSAGE BOARD LOCATION TO BE DETERMINED BY THE ENGINEER
[Circle with dot]	FLAGGER W/ TRAFFIC CONTROL SIGN
[XX in circle]	CONSTRUCTION SPEED LIMIT SIGN
[Arrow]	ARROW BOARD

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



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.

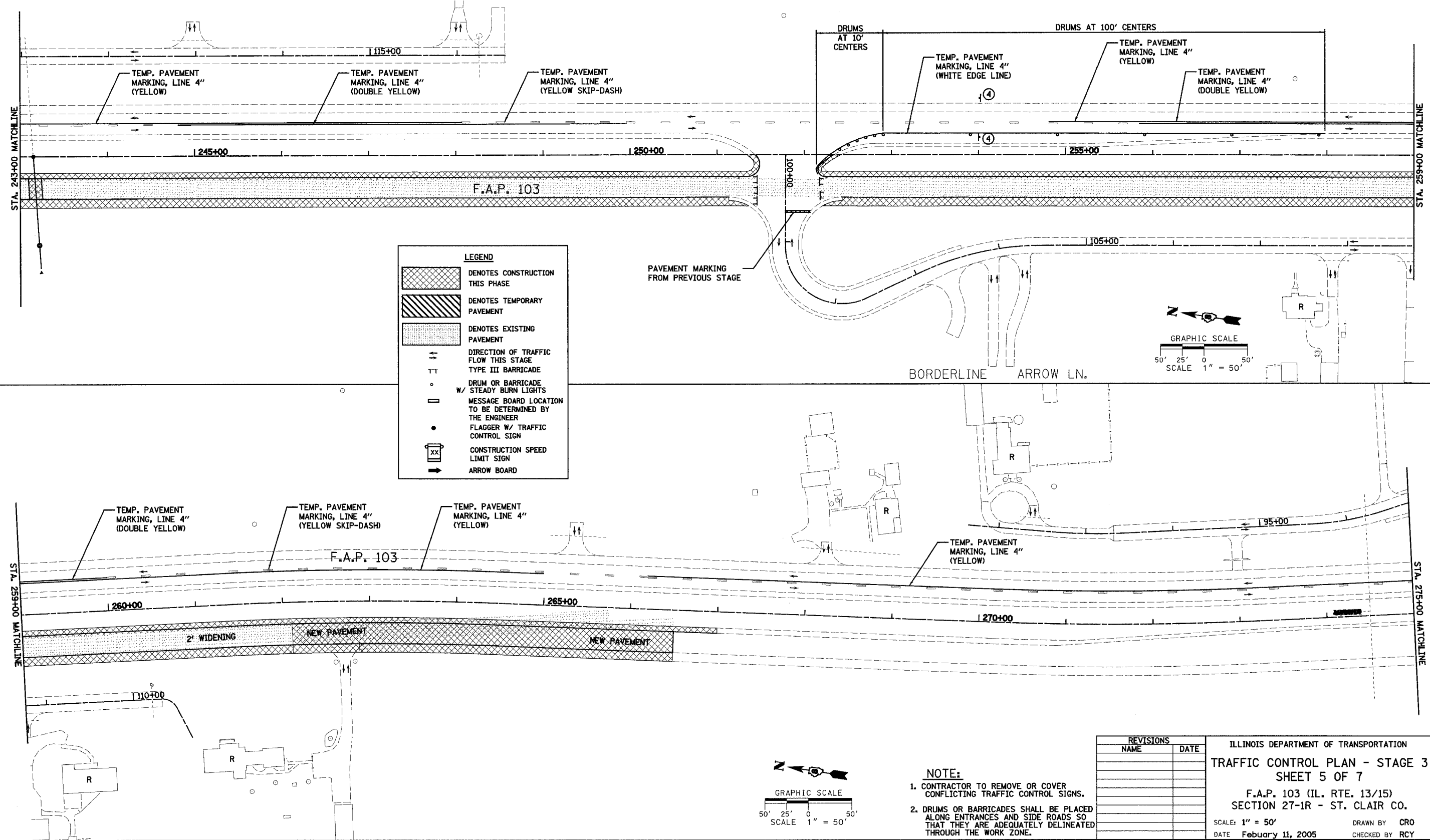
REVISIONS	
NAME	DATE

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' 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	96
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
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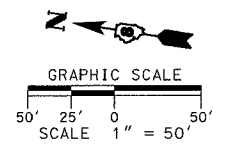
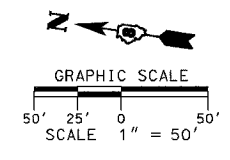
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DATE	BY



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

BORDERLINE ARROW LN.



- 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

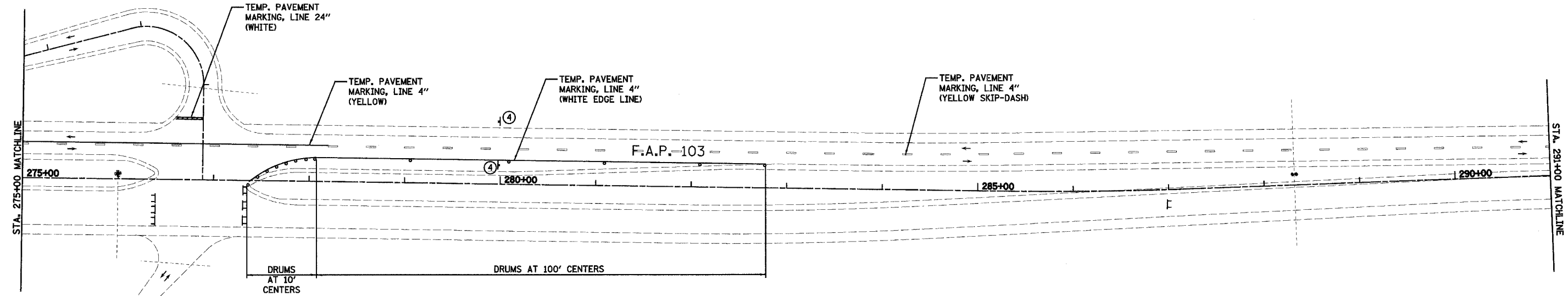
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN - STAGE 3
SHEET 5 OF 7
 F.A.P. 103 (IL. RTE. 13/15)
 SECTION 27-1R - ST. CLAIR CO.
 SCALE: 1" = 50'
 DATE February 11, 2005
 DRAWN BY CRO
 CHECKED BY RCY

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

DATE	BY
DATE	BY
DATE	BY

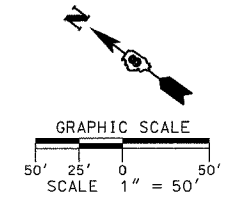
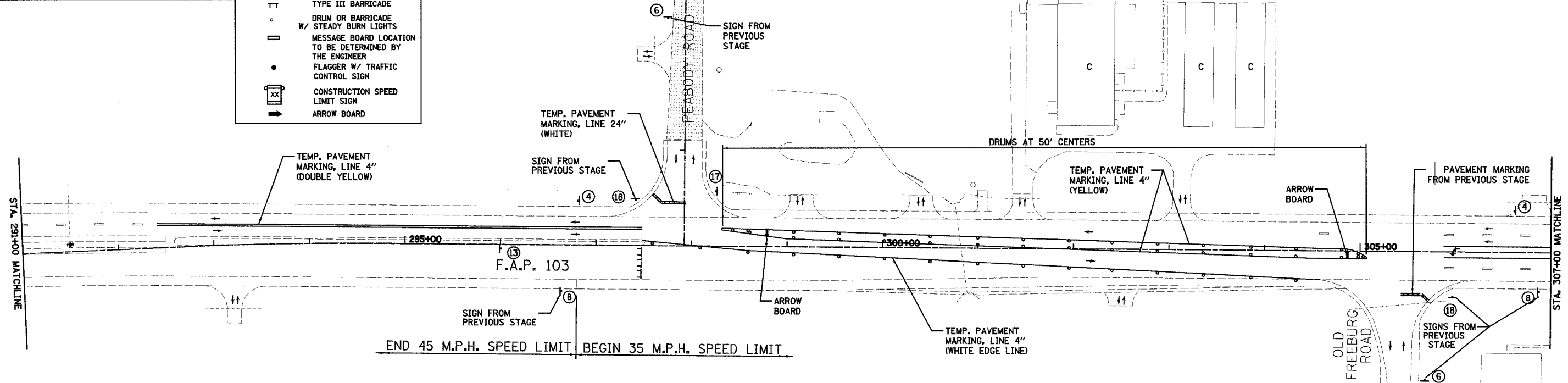
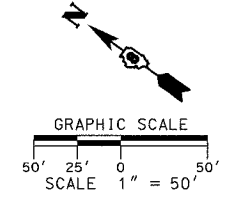
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LEGEND

	DENOTES CONSTRUCTION THIS PHASE
	DENOTES TEMPORARY PAVEMENT
	DENOTES EXISTING PAVEMENT
	DIRECTION OF TRAFFIC FLOW THIS STAGE
	TYPE III BARRICADE
	DRUM OR BARRICADE 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 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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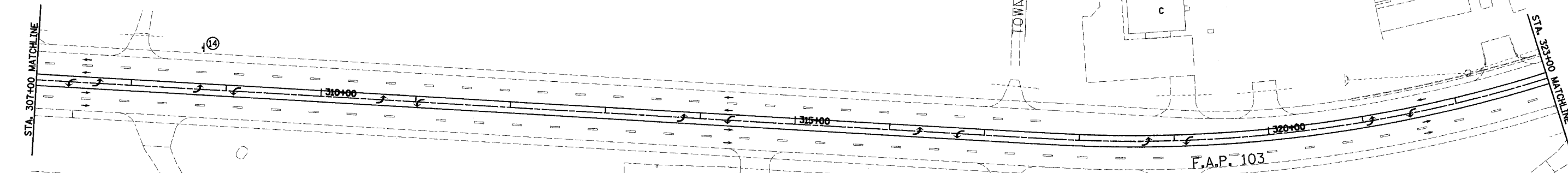
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1R	ST. CLAIR	382	98
STA. 307+00.00		TO STA. 338+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76300				

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:

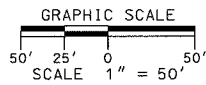
1. CONTRACTOR TO REMOVE OR COVER CONFLICTING TRAFFIC CONTROL SIGNS.
2. DRUMS OR BARRICADES SHALL BE PLACED ALONG ENTRANCES AND SIDE ROADS SO THAT THEY ARE ADEQUATELY DELINEATED THROUGH THE WORK ZONE.

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

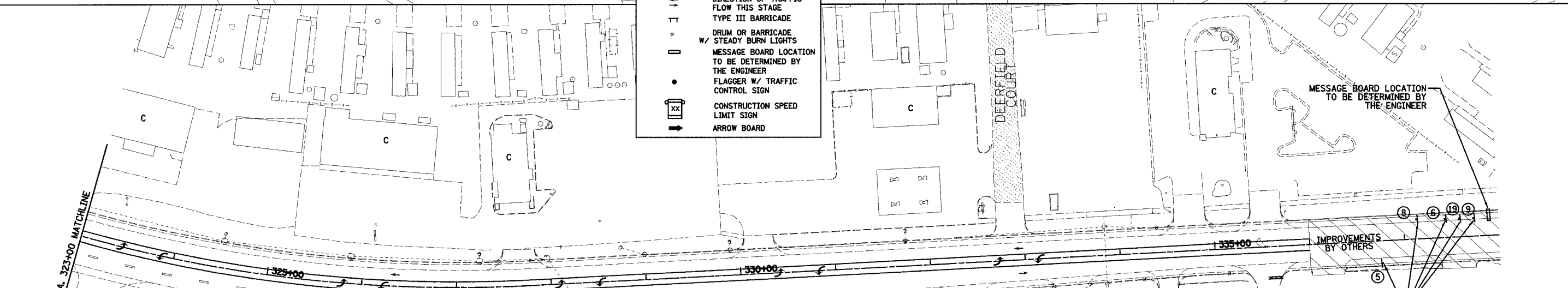


STAGE 3 - PERMANENT SIGNAGE AS DELINEATED ON SHEETS 193 - 198, BETWEEN STATIONS 305+00 AND 336+00 SHALL BE INSTALLED PRIOR TO OPENING TO TRAFFIC. SPEED LIMIT SIGNS SHALL BE COVERED.

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

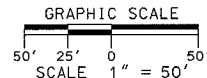


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STAGE 3 MAINLINE TEMPORARY PAVEMENT MARKINGS SHALL BE OF THE SAME COLOR AND INSTALLED TO THE SAME DIMENSIONS AS SHOWN IN THE PLANS FOR THE PERMANENT MARKINGS STATION 305+50 TO 338+00.

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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STAGE 4 TEMPORARY PAVEMENT MARKINGS

STATION	TO STATION	ALIGNMENT	SIDE	TEMP PVMT MARKING LINE 4" WHITE	TEMP PVMT MARKING LINE 4" YELLOW	TEMP PVMT MARKING LINE 12" YELLOW	TEMP PVMT MARKING L & S	REMARKS
				FOOT	FOOT	FOOT	SQ FT	
232+50	235+25	F.A.P. 103	LT.				40.8	3 LEFT TURN ARROWS
252+50	255+25	F.A.P. 103	LT.				40.8	3 LEFT TURN ARROWS
277+25	280+00	F.A.P. 103	LT.				40.8	3 LEFT TURN ARROWS
235+25	238+00	F.A.P. 103	LT.	69				WHITE DOTTED LINE
255+25	258+00	F.A.P. 103	LT.	69				WHITE DOTTED LINE
280+00	282+50	F.A.P. 103	LT.	63				WHITE DOTTED LINE
232+50	235+25	F.A.P. 103	LT.	275				WHITE LANE LINE
252+50	255+25	F.A.P. 103	LT.	275				WHITE LANE LINE
277+25	280+00	F.A.P. 103	LT.	275				WHITE LANE LINE
153+50	167+40	F.A.P. 103	LT.	348				WHITE SKIP-DASH
224+00	292+57	F.A.P. 103	LT.	1714				WHITE SKIP-DASH
153+50	167+40	F.A.P. 103	LT.		1390			YELLOW EDGE LINE
224+00	231+50	F.A.P. 103	LT.		750			YELLOW EDGE LINE
232+75	251+50	F.A.P. 103	LT.		1875			YELLOW EDGE LINE
252+00	276+25	F.A.P. 103	LT.		2425			YELLOW EDGE LINE
277+25	292+57	F.A.P. 103	LT.		1532			YELLOW EDGE LINE
228+00	231+25	F.A.P. 103	RT.				40.8	3 LEFT TURN ARROWS
273+75	276+50	F.A.P. 103	RT.				40.8	3 LEFT TURN ARROWS
226+00	227+00	F.A.P. 103	RT.	25				WHITE DOTTED LINE
271+00	273+75	F.A.P. 103	RT.	275				WHITE DOTTED LINE
223+00	230+00	F.A.P. 103	RT.	700				WHITE EDGE LINE
233+60	239+50	F.A.P. 103	RT.	590				WHITE EDGE LINE
227+00	231+50	F.A.P. 103	RT.	450				WHITE LANE LINE
273+75	276+50	F.A.P. 103	RT.	275				WHITE LANE LINE
138+40	148+20	F.A.P. 103	RT.	245				WHITE SKIP-DASH
148+85	162+00	F.A.P. 103	RT.	329				WHITE SKIP-DASH
206+75	230+00	F.A.P. 103	RT.	581				WHITE SKIP-DASH
232+50	251+50	F.A.P. 103	RT.	475				WHITE SKIP-DASH
252+25	292+57	F.A.P. 103	RT.	1008				WHITE SKIP-DASH
151+00	162+00	F.A.P. 103	RT.		1100			YELLOW EDGE LINE
206+75	231+50	F.A.P. 103	RT.		2475			YELLOW EDGE LINE
232+75	251+25	F.A.P. 103	RT.		1850			YELLOW EDGE LINE
252+25	276+25	F.A.P. 103	RT.		2400			YELLOW EDGE LINE
277+50	292+57	F.A.P. 103	RT.		1507			YELLOW EDGE LINE
TOTALS (RURAL)				8041	17304	0	204.0	
298+86	304+37	F.A.P. 103	CL		1378		15.2	CENTER DUAL TURN LANE
298+20	298+86	F.A.P. 103	CL		264	120		DIAGONAL LINES
304+37	305+00	F.A.P. 103	CL		252	85		DIAGONAL LINES
292+57	306+00	F.A.P. 103	LT.	336				WHITE SKIP-DASH
292+57	297+50	F.A.P. 103	LT.		493			YELLOW EDGE LINE
294+75	297+75	F.A.P. 103	RT.				22.8	3 LEFT TURN ARROWS
292+57	294+75	F.A.P. 103	RT.	55				WHITE DOTTED LINE
294+75	297+75	F.A.P. 103	RT.	300				WHITE LANE LINE
292+57	306+00	F.A.P. 103	RT.	336				WHITE SKIP-DASH
292+57	297+50	F.A.P. 103	RT.		493			YELLOW EDGE LINE
TOTALS (URBAN)				1027	2880	205	38.0	

STAGE 4 SHORT-TERM PAVEMENT MARKINGS

STATION	TO STATION	ALIGNMENT	SIDE	SHORT TERM PVMT MARKING FOOT	REMARKS
149+00	292+60	FAP 103	LT	2872	MAINLINE LANE
149+00	292+60	FAP 103	LT	1148	OUTSIDE SHOULDER (4' DIAGONALS 100' C-C)
162+00	292+50	FAP 103	LT	1044	INSIDE SHOULDER (4' DIAGONALS 100' C-C)
149+00	151+50	FAP 103	LT	50	LANE LINE
181+00	184+00	FAP 103	LT	60	LANE LINE
206+70	209+90	FAP 103	LT	64	LANE LINES (2)
217+50	220+20	FAP 103	LT	54	LANE LINE
232+50	235+30	FAP 103	LT	56	LANE LINE
252+50	255+50	FAP 103	LT	60	LANE LINE
149+00	292+60	FAP 103	RT	2872	MAINLINE LANE
149+00	292+60	FAP 103	RT	1148	OUTSIDE SHOULDER (4' DIAGONALS 100' C-C)
162+00	292+50	FAP 103	RT	2088	INSIDE SHOULDER (4' DIAGONALS 100' C-C)
177+20	180+00	FAP 103	RT	56	LANE LINE
202+50	206+00	FAP 103	RT	70	LANE LINE
213+80	216+50	FAP 103	RT	54	LANE LINE
228+50	231+60	FAP 103	RT	62	LANE LINE
273+60	276+50	FAP 103	RT	58	LANE LINE
TOTALS (RURAL)				11816	

QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS INCLUDE TWO ITERATIONS

STAGE 4 PAVEMENT MARKING REMOVAL

STATION	TO STATION	ALIGNMENT	SIDE	PAVEMENT MARKING REMOVAL SQ FT	WORK ZONE PAVEMENT MARKING REMOVAL SQ FT	REMARKS
138+40	148+25	F.A.P. 103	RT.		328	WHITE EDGE LINE
147+90	149+10	F.A.P. 103	RT.		211	2 ISLANDS
151+00	162+00	F.A.P. 103	RT.		367	YELLOW EDGE LINE
153+50	167+40	F.A.P. 103	LT.		463	YELLOW EDGE LINE
206+75	221+00	F.A.P. 103	RT.		475	YELLOW EDGE LINE
219+50	222+50	F.A.P. 103	RT.		100	WHITE EDGE LINE
230+00	233+60	F.A.P. 103	RT.	240		DOUBLE YELLOW
230+00	233+25	F.A.P. 103	RT.	108		WHITE EDGE LINE
239+50	251+25	F.A.P. 103	RT.	392		WHITE EDGE LINE
239+50	244+75	F.A.P. 103	RT.	175		YELLOW CENTERLINE
239+50	244+75	F.A.P. 103	RT.	44		YELLOW SKIP-DASH
244+75	248+00	F.A.P. 103	RT.	217		DOUBLE YELLOW
248+00	250+00	F.A.P. 103	RT.	67		YELLOW CENTERLINE
248+00	255+75	F.A.P. 103	RT.	65		YELLOW SKIP-DASH
252+25	262+00	F.A.P. 103	RT.	325		WHITE EDGE LINE
254+75	255+75	F.A.P. 103	RT.	33		YELLOW CENTERLINE
255+75	260+00	F.A.P. 103	RT.	283		DOUBLE YELLOW
260+00	262+00	F.A.P. 103	RT.	67		YELLOW CENTERLINE
260+00	262+00	F.A.P. 103	RT.	17		YELLOW SKIP-DASH
266+50	276+25	F.A.P. 103	RT.		325	WHITE EDGE LINE
277+25	292+57	F.A.P. 103	RT.		511	WHITE EDGE LINE
266+50	292+57	F.A.P. 103	RT.		217	YELLOW SKIP-DASH
266+50	278+00	F.A.P. 103	RT.		383	YELLOW CENTERLINE
224+00	237+25	F.A.P. 103	LT.		883	DOUBLE YELLOW
223+50	225+25	F.A.P. 103	LT.		58	YELLOW EDGE LINE
225+00	231+50	F.A.P. 103	LT.		217	WHITE EDGE LINE
232+50	251+50	F.A.P. 103	LT.		633	WHITE EDGE LINE
252+50	276+50	F.A.P. 103	LT.		800	WHITE EDGE LINE
277+25	292+57	F.A.P. 103	LT.		511	WHITE EDGE LINE
237+25	244+75	F.A.P. 103	LT.		250	YELLOW CENTERLINE
237+25	244+75	F.A.P. 103	LT.		63	YELLOW SKIP-DASH
244+75	248+00	F.A.P. 103	LT.		217	DOUBLE YELLOW
248+00	250+00	F.A.P. 103	LT.		67	YELLOW CENTERLINE
248+00	256+00	F.A.P. 103	LT.		67	YELLOW SKIP-DASH
255+00	256+00	F.A.P. 103	LT.		33	YELLOW CENTERLINE
256+00	260+00	F.A.P. 103	LT.		267	DOUBLE YELLOW
260+00	292+57	F.A.P. 103	LT.		271	YELLOW SKIP-DASH
260+00	265+00	F.A.P. 103	LT.		167	YELLOW CENTERLINE
266+25	278+25	F.A.P. 103	LT.		400	YELLOW CENTERLINE
TOTALS (RURAL)					2033	8284
292+57	304+50	F.A.P. 103	RT.		398	WHITE EDGE LINE
292+57	300+00	F.A.P. 103	RT.		62	YELLOW SKIP-DASH
294+75	300+00	F.A.P. 103	RT.		175	YELLOW CENTERLINE
292+57	297+00	F.A.P. 103	LT.		295	DOUBLE YELLOW
292+57	297+50	F.A.P. 103	LT.		164	WHITE EDGE LINE
298+25	304+50	F.A.P. 103	LT.		417	YELLOW EDGE LINE (2 EACH)
298+25	304+50	F.A.P. 103	RT.		52	WHITE SKIP-DASH
336+00	339+00	F.A.P. 103	CL.		400	DOUBLE YELLOW
336+00	339+00	F.A.P. 103	RT.		100	WHITE EDGE LINE
336+00	339+00	F.A.P. 103	LT.		100	WHITE EDGE LINE
TOTALS (URBAN)					0	2163

STAGE 4 SHORT-TERM PAVEMENT MARKINGS

STATION	TO STATION	ALIGNMENT	SIDE	SHORT TERM PVMT MARKING FOOT	REMARKS
292+60	318+00	FAP 103	LT	508	MAINLINE LANE
292+60	336+00	FAP 103	LT	348	OUTSIDE SHOULDER (4' DIAGONALS 100' C-C)
295+00	297+70	FAP 103	CL	54	LANE LINE
298+50	336+00	FAP 103	CL	1500	CENTER LANE
292+60	330+00	FAP 103	RT	748	MAINLINE LANE
292+60	336+00	FAP 103	RT	348	OUTSIDE SHOULDER (4' DIAGONALS 100' C-C)
TOTALS (URBAN)				3506	

QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS INCLUDE TWO ITERATIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL - STAGE 4 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	100
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 76300				

PLAN	DATE
SUBMITTED	
NO. OF MAY CHECKED	
NO. OF FILE NAME	

PLAN	DATE
SUBMITTED	
NO. OF MAY CHECKED	
NO. OF FILE NAME	

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

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