

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
LOCAL AGENCY PROJECT

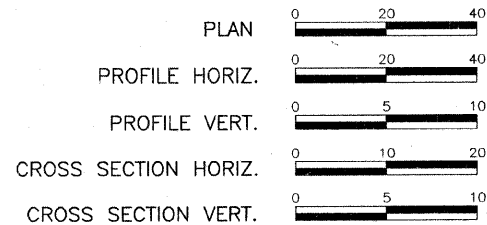
FAU ROUTE 9168 (OLD COLLINSVILLE ROAD)
SECTION 05-00035-00-FP
SECTION 05-00056-00-FP
PROJECT NO. M-5011(241)
CITIES OF FAIRVIEW HEIGHTS / O'FALLON, ILLINOIS
ST. CLAIR COUNTY
JOB NO. C-98-342-07
STU PROGRAM

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	1
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

INDEX OF SHEETS

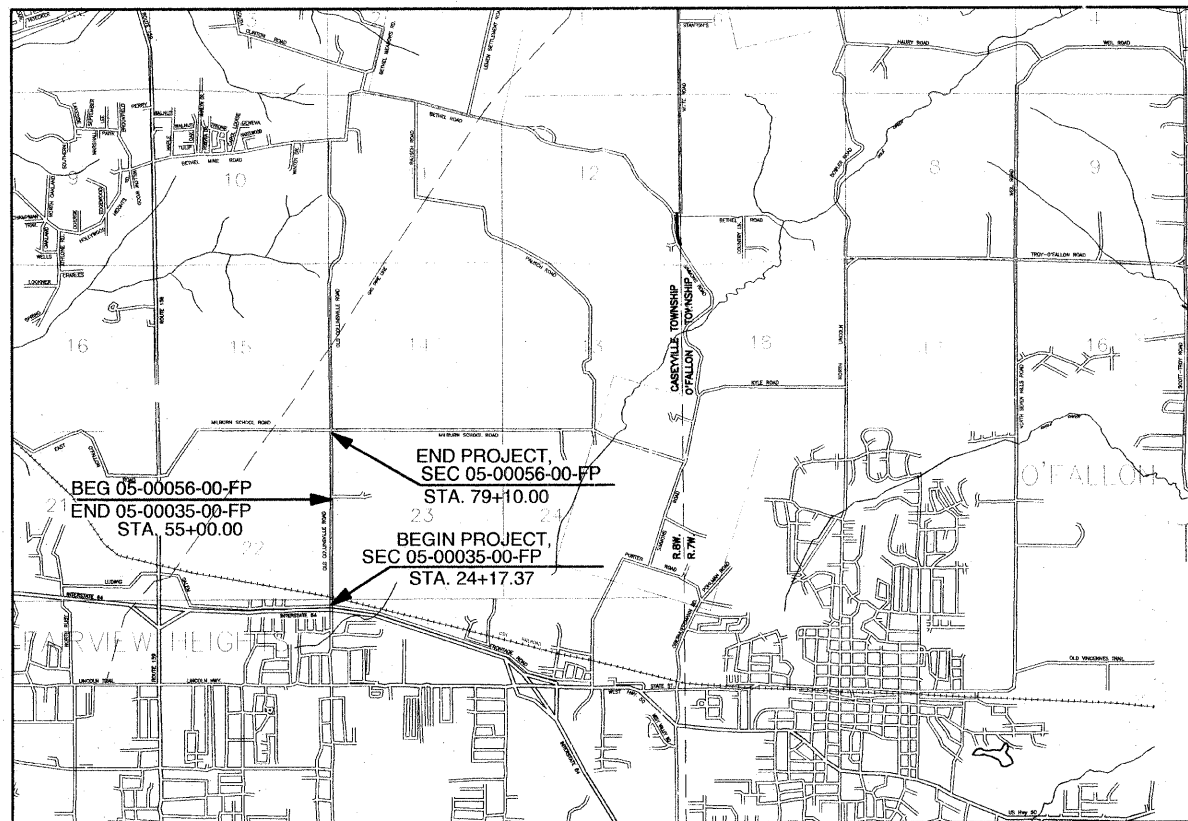
1. COVER SHEET
2. GENERAL NOTES, HIGHWAY STANDARDS & TIE POINTS
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
- 5.-7. SCHEDULES
- 8.-17. ROADWAY PLAN AND PROFILE
- 18.-23. REMOVAL ITEMS
- 24.-29. RIGHT-OF-WAY PLAN
30. TRAFFIC CONTROL DETAIL
- 31.-32. EROSION CONTROL
33. INTERSECTION DETAIL
- 34.-35. PAVEMENT MARKING PLAN
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- 37.-38. ENTRANCE DETAILS
39. MISCELLANEOUS DETAILS
40. RAILROAD CROSSING LAYOUT
- 41.-60. CROSS SECTIONS

SCALES:



OLD COLLINSVILLE ROAD

ROADWAY DESIGNATION: URBAN LOCAL COLLECTOR
DESIGN SPEED: 30 M.P.H. STA. 24+17.37 TO 31+50.00
40 M.P.H. STA. 31+50.00 TO 79+10.00
ADT: CURRENT (2008) 5,100
20-YEAR (2028) 10,500
SU = 2.8%

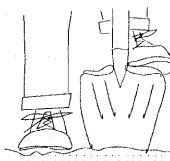


LOCATION MAP
NOT TO SCALE

SECTION 05-00035-00-FP OLD COLLINSVILLE ROAD 3,082.63 FT. = 0.584 MILES (45% TOTAL)
SECTION 05-00056-00-FP OLD COLLINSVILLE ROAD 2,410.00 FT. = 0.456 MILES (55% TOTAL)

OLD COLLINSVILLE RD. 5,492.63 FT. = 1.040 MILES
RR OMISSION -10.22 FT. = 0.002 MILES
NET LENGTH OF IMPROVEMENT 5,482.41 FT. = 1.038 MILES

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. That's the toll-free number for "J.U.L.I.E.", which stands for Joint Utilities Location Information for Excavators.

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



LOCATION OF PROJECT INDICATED THUS:

ILLINOIS
DEPARTMENT OF
TRANSPORTATION

APPROVED	<i>Paul S. Ziegler</i>	DATE	4/8/09
			MAYOR, CITY OF FAIRVIEW HEIGHTS
APPROVED	<i>Angie A. Arban</i>	DATE	4/8/09
			MAYOR, CITY OF O'FALLON
PASSED	<i>[Signature]</i>	DATE	4/8/09
			DISTRICT EIGHT ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>[Signature]</i>	DATE	4/8/09
			DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER



Mark A. Rujewitz
Mark A. Rujewitz

4/8/2009
Date of Signing

11/30/2009
Date of License Expiration



RHUTASEL and ASSOCIATES, INC.
CONSULTING ENGINEERS • LAND SURVEYORS

CORPORATE OFFICE
4 INDUSTRIAL DRIVE
FREEBURG, ILLINOIS 62243
(618) 539-3178

REGIONAL OFFICE
201 SOUTH LOCUST STREET
CENTRALIA, ILLINOIS 62801
(618) 532-1992

PREPARED BY:

GENERAL NOTES

- 1.) A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT FOR PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS TO ACCOMMODATE STAGE CONSTRUCTION INTERVALS. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE BINDER AND FINAL HMA SURFACE.
- 2.) THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- 3.) "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48"x48".
- 4.) ALL AREAS DISTURBED FOR ANY REASON WITHIN THE CONSTRUCTION LIMITS SHALL BE SEEDED WITH CLASS 1 SEEDING. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. AREAS DISTURBED BEYOND THE CONSTRUCTION LIMITS SHALL BE SEEDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- 5.) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 6.) AN ESTIMATED 375 TONS OF HMA SURFACE WILL BE REMOVED FROM THIS PROJECT.
- 7.) PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS AND FACE OF CURBS.
- 8.) THE COST OF REMOVING AND RELOCATING ALL EXISTING TRAFFIC SIGNS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 9.) AN ESTIMATED QUANTITY OF 350 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND LOCAL TRAFFIC THROUGHOUT CONSTRUCTION OPERATIONS.
- 10.) FACTORS USED FOR APPLICATION RATES AND QUANTITY CALCULATIONS ARE AS FOLLOWS:

PAVING

ALL HOT-MIX ASPHALT	0.056 TONS/SQ. YD./INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.075 GAL./SQ. YD.
	*AGGREGATE BASES (0.375 GAL./SQ.YD.)
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
AGGREGATE BASE COURSE	0.0555 TONS/SQ. YD./INCH

SEEDING

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
MULCH	2 TONS/ACRE

LIME MODIFIED SOILS

SOIL	1.4445 TONS/CU. YD.
LIME (4% OF SOIL)	0.01926 TONS/SQ. YD./12 IN.
WATER	15 GAL./SQ. YD./12 IN.

- 11.) THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	SURFACE COURSE	BINDER COURSE	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX.)	15%	25%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL-19.0	
FRICITION AGG	MIXTURE D	MIXTURE B	MIXTURE D

APPLICABLE IDOT HIGHWAY STANDARDS:

280001-05	604091-02	720001-01	B.L.R. 17-4
424001-05	606001-04	720006-02	B.L.R. 21-8
542301-02	606301-04	720011-01	B.L.R. 22-6
602301-02	701306-02	728001-01	
602306-02	701311-03	729001-01	
602406-03	701326-03	731001-01	
602601-02	701901-01	780001-02	

UTILITY TYPE

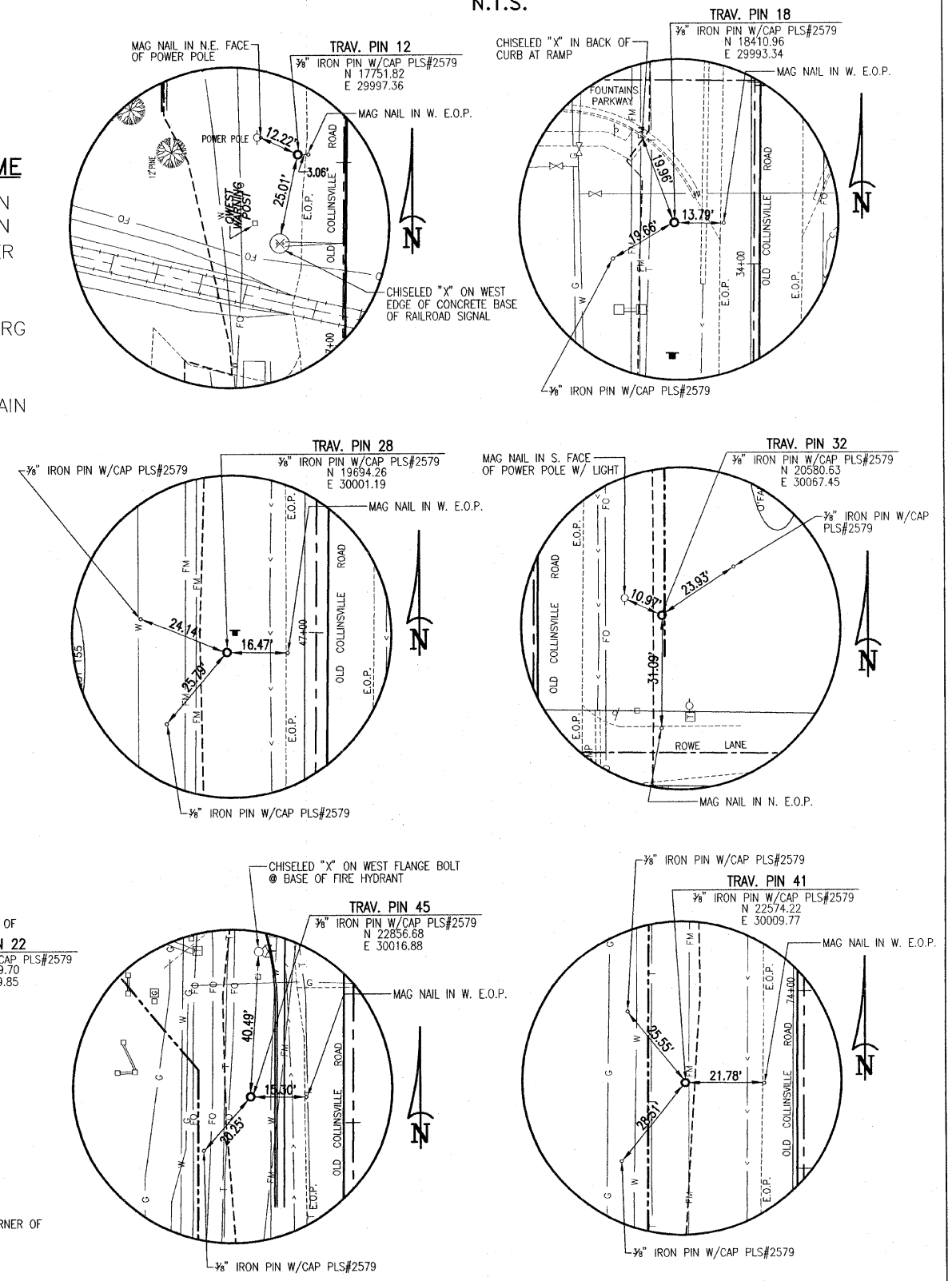
UTILITY TYPE	NAME OF UTILITY	PHONE NUMBER	CONTACT NAME
ELECTRIC	AMEREN UE	618-482-2238	JOE ROBERTSON
GAS	AMEREN UE	618-482-2238	JOE ROBERTSON
GAS	CONOCO PHILLIPS	217-532-5709	MICHAEL VOLKER
WATER	CITY OF O'FALLON	618-624-4500	HEIDE BELL
WATER	VILLAGE OF CASEYVILLE	618-344-1234	GERALD SCOTT
TELEPHONE	AT&T	618-346-6422	DEAN LITZENBURG
CABLE	CHARTER COMMUNICATIONS	618-374-7058	LARRY SCHMITT
SANITARY SEWER	CASEYVILLE TOWNSHIP	618-632-2414	JOSEPH HOGG
FIBER OPTIC	QWEST COMMUNICATIONS	303-837-3926	GEORGE McELVAIN
FIBER OPTIC	MCLEOD USA	217-876-7194	MARK MILLS

COMMITMENTS

- 1.) THE CONTRACTOR SHALL CONTACT LARRY KENISON, OWNER OF ANDRIA'S RESTAURANT (STA. 28+50), AT 618/632-4866 TO COORDINATE TIME AND DURATION OF ENTRANCE CONSTRUCTION.
- 2.) UPON REMOVAL OF THE 15" HDPE PIPE AT STA. 50+07 RIGHT, THE CONTRACTOR SHALL PLACE THE PIPE ON CHURCH PROPERTY OUTSIDE OF ROW FOR THEIR PERSONAL USE. THE CONTRACTOR SHALL NOTIFY JONATHON BLAKE AT 618/567-9291 UPON COMPLETION OF SAID REMOVAL AND RELOCATION.

HORIZONTAL CONTROL TIE POINTS

N.T.S.



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	2
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	3
STA. 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SECTION 05-00035-00-FP STA. 24+17.37 TO 55+00	SECTION 05-00056-00-FP STA. 55+00 TO 80+12.50
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	35	35	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	170	170	0
20200100	EARTH EXCAVATION	CU YD	4,800	3,380	1,420
20200200	ROCK EXCAVATION	CU YD	65	65	0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,404	944	1,460
20300100	CHANNEL EXCAVATION	CU YD	88	88	0
20400800	FURNISHED EXCAVATION	CU YD	1,461	1,196	265
20700220	POROUS GRANULAR EMBANKMENT	CU YD	29	29	0
20800150	TRENCH BACKFILL	CU YD	1,210	768	442
25000100	SEEDING, CLASS 1	ACRE	2.1	1.2	0.9
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	188	111	77
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	188	111	77
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	188	111	77
25100115	MULCH, METHOD 2	ACRE	2.1	1.2	0.9
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	208	123	85
28000400	PERIMETER EROSION BARRIER	FOOT	1,365	1,065	300
28000500	INLET AND PIPE PROTECTION	EACH	1	1	0
28100105	STONE RIPRAP, CLASS A3	SQ YD	86	86	0
28100107	STONE RIPRAP, CLASS A4	SQ YD	545	545	0
28200200	FILTER FABRIC	SQ YD	631	631	0
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	24,367	12,853	11,514
30201500	LIME	TON	469	248	221
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	2,067	2,067	0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	131	131	0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	92	92	0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	350	250	100
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,752	989	763
40600300	AGGREGATE (PRIME COAT)	TON	35.1	19.8	15.3
40600895	CONSTRUCTING TEST STRIP	EACH	2	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	23	23	0
40600990	TEMPORARY RAMP	SQ YD	272	272	0
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	8,063	4,567	3,496
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,687	1,521	1,166
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	59	59	0
42001300	PROTECTIVE COAT	SQ YD	3,038	1,723	1,315
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	585	563	22
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	30,759	26,129	4,630
42400800	DETECTABLE WARNINGS	SQ FT	80	52	28
44000100	PAVEMENT REMOVAL	SQ YD	2,092	1,687	405
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	719	719	0
44000400	GUTTER REMOVAL	FOOT	134	134	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	515	428	87
44000600	SIDEWALK REMOVAL	SQ FT	537	343	194
44004000	PAVED DITCH REMOVAL	FOOT	14	14	0
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	0
50105220	PIPE CULVERT REMOVAL	FOOT	1,214	860	354
50200100	STRUCTURE EXCAVATION	CU YD	471	471	0
50901760	PIPE HANDRAIL	FOOT	296	296	0
54001000	BOX CULVERT END SECTIONS	EACH	2	2	0
54010906	PRECAST CONCRETE BOX CULVERT 9'X6'	FOOT	96	96	0
54200247	PIPE CULVERTS, CLASS D, TYPE 1 42"	FOOT	12	0	12
54213447	END SECTIONS 12"	EACH	6	5	1

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SECTION 05-00035-00-FP STA. 24+17.37 TO 55+00	SECTION 05-00056-00-FP STA. 55+00 TO 80+12.50
54207159	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, - ELLIPTICAL, EQUIVALENT ROUND - SIZE 24"	FOOT	80	80	0
54223545	REMOVE AND RELAY PIPE CULVERTS	FOOT	115	115	0
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	2,464	1,521	943
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	1,384	719	665
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	326	22	304
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	43	0	43
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	205	205	0
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	277	277	0
55100500	STORM SEWER REMOVAL 12"	FOOT	203	203	0
56109210	WATER VALVES TO BE ADJUSTED	EACH	3	2	1
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1	0
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1	1	0
60242500	INLETS, SPECIAL, NO. 1	EACH	53	32	21
60242600	INLETS, SPECIAL, NO. 2	EACH	3	2	1
60500060	REMOVING INLETS	EACH	5	5	0
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4.8	0	4.8
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	100	100	0
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	380	0	380
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	10,851	6,082	4,769
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	100	100	0
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	900	900	0
63200310	GUARDRAIL REMOVAL	FOOT	253	253	0
67100100	MOBILIZATION	L SUM	1	0.6	0.4
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	0.5	0.5
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,080	605	475
*70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	797.6	507.8	289.8
*70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	13,870	7,650	6,220
*70300240	TEMPORARY PAVEMENT MARKING-LINE 6"	FOOT	710	585	125
*70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	78	32	46
*70300280	TEMPORARY PAVEMENT MARKING-LINE 24"	FOOT	128	128	0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	359	201	158
72000100	SIGN PANEL-TYPE 1	SQ FT	73	57	16
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	9	9	0
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1	0
72900100	METAL POST-TYPE A	FOOT	72	48	24
72900200	METAL POST-TYPE B	FOOT	74	62	12
*78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	797.6	507.8	289.8
*78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	13,870	7,650	6,220
*78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	710	585	125
*78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FOOT	78	32	46
*79000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FOOT	128	128	0
X0320547	REMOVE AND REINSTALL END SECTION	EACH	2	2	0
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	166	0	166
X0322034	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	152	152	0
X0323964	ROOF DRAIN COLLECTION NETWORK	FOOT	100	100	0
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	1	1	0
*X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	326	326	0
XX004738	REINFORCED CONCRETE PIPE TEE, EQUIVALENT ROUND SIZE 24"	EACH	1	1	0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	0
XX008353	REINFORCED CONCRETE PIPE TEE, EQUIVALENT ROUND SIZE 24"	EACH	1	1	0

* SPECIALTY ITEM

LEGEND

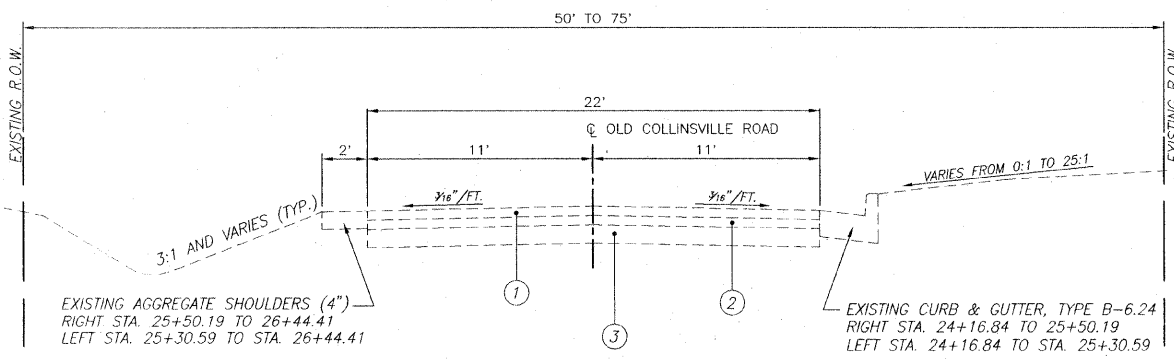
- ① EXISTING HOT-MIX ASPHALT RESURFACING (1½"-2")
- ② EXISTING OIL & CHIP PAVEMENT (±3")
- ③ EXISTING AGGREGATE BASE (±6")
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑤ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- ⑥ LIME MODIFIED SOIL, 12"
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑧ P.C.C. SIDEWALK 4"
- ⑨ THERMOPLASTIC PAVEMENT MARKING
- ⑩ EXISTING P.C.C. SIDEWALK
- ⑪ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑫ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12
- ⑬ COARSE AGGREGATE FILL
- ⑭ CONCRETE MEDIAN SURFACE, 4"
- ⑮ BITUMINOUS MATERIALS (PRIME COAT)
- ⑯ AGGREGATE PRIME COAT
- ⑰ PIPE HANDRAIL

OLD COLLINSVILLE ROAD TYPICAL SECTIONS

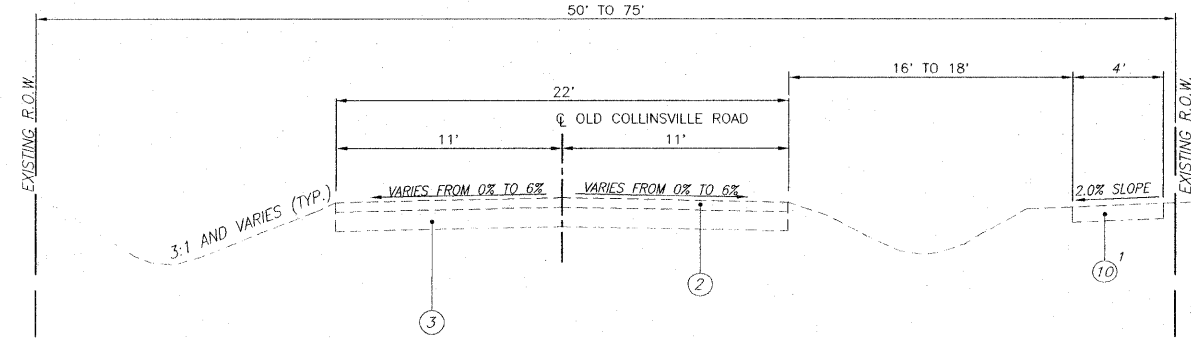
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PAVEMENT DESIGN

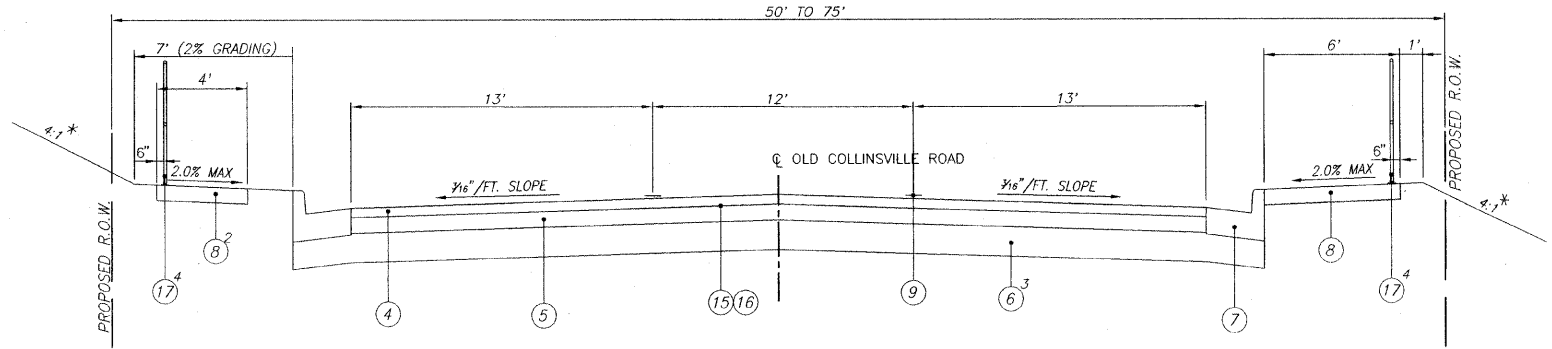
STRUCTURAL DESIGN TRAFFIC: YEAR 2018
 PV= 11,878 SU= 269 MU= 73
 ROAD/STREET CLASSIFICATION: URBAN COLLECTOR CLASS ROAD: II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= 50 S= 50 M= 50
 TRAFFIC FACTOR: Actual TF= 0.485 Minimum TF= N/A
 PG GRADE: Binder= 64-22 Surface= 64-22
 THICKNESS - 8"
 SUBGRADE SUPPORT RATING: POOR



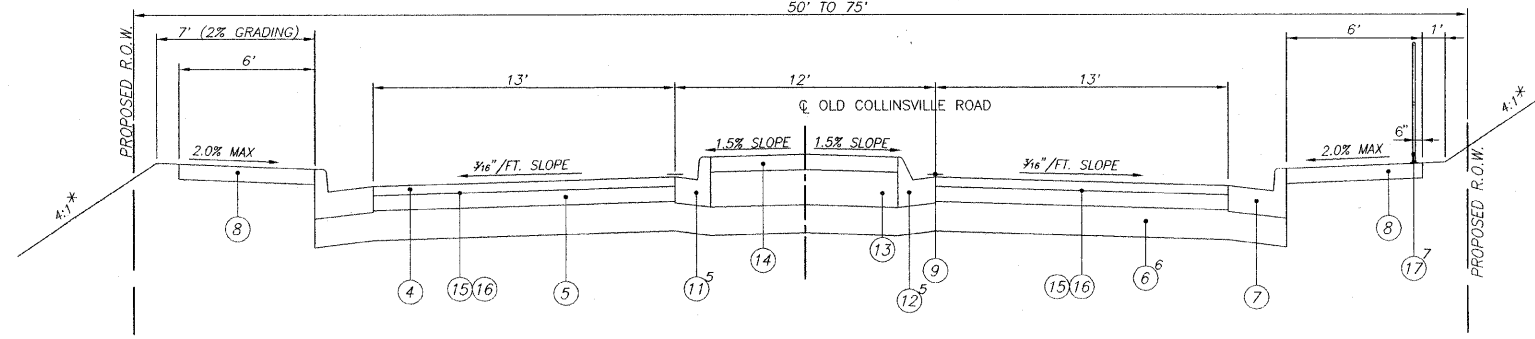
EXISTING TYPICAL SECTION



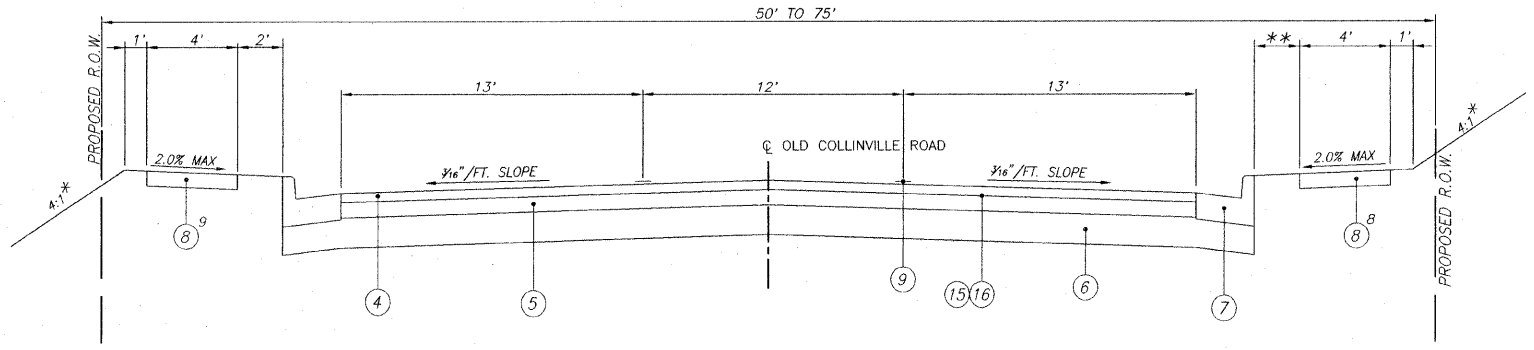
EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



PROPOSED TYPICAL SECTION



PROPOSED TYPICAL SECTION

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PAVEMENT MARKING SCHEDULE

LOCATION	THERMOPLASTIC PAVEMENT MARKINGS								PAINT PAVEMENT MARKINGS		SHORT TERM PAVEMENT MARKING
	SOLID WHITE 4" LANE LINE	SOLID YELLOW 4" LANE LINE	YELLOW SKIP DASH 4" LANE LINE	SOLID DOUBLE YELLOW 4" LANE LINE	SOLID DIAGONAL 12" LINE	SOLID WHITE 24" BAR	SOLID WHITE 6" CROSSWALK LINE	SOLID WHITE TURN ARROW	SOLID WHITE RAILROAD SYMBOL	SOLID YELLOW MEDIAN NOSE & BARRIER CURB	
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ. FT.	SQ. FT.	SQ. FT.	FOOT
STA. 24+17 TO 24+30 RT.						19	110				
STA. 24+30 C							149				
STA. 24+48 LT.						31					
STA. 24+48 TO 25+63 LT.	115							31.2			
STA. 24+48 TO 26+36 RT.				375							38
STA. 25+40 RT.						13					
STA. 25+63 RT.									61.2		
STA. 26+36 TO 26+98		148								163	15
STA. 25+92 RT.						13					
STA. 26+82 RT.						13					
STA. 27+18 TO 27+80		156								163	16
STA. 27+35 LT.						13					
STA. 27+80 TO 28+20				156							
STA. 28+20 TO 55+00		5,360	1,340		32			354.2			536
STA. 28+36 LT.						13					
STA. 28+58 LT.									61.2		
STA. 28+86 LT.						13					
STA. 34+34 TO 34+96 RT.										115	
STA. 34+35 TO 34+96 LT.										115	
STA. 43+21 TO 43+76 LT.										96	
STA. 55+00 TO 76+80		4,360	1,080					289.8			436
STA. 66+33 TO 67+03 LT.										125	
STA. 76+80 TO 78+40				640		46					32
STA. 78+40 TO 79+10 LT.				140							7
SUBTOTAL STA. 24+17.37 TO 55+00	115	5,664	1,340	531	32	128	585	385.4	122.4	326	605
SUBTOTAL STA. 55+00 TO 79+10.00	0	4,360	1,080	780	46	0	125	289.8	0	0	475
TOTAL	115	10,024	2,420	1,311	78	128	710	675.2	122.4	326	1,080

PAVEMENT / CURB & GUTTER REMOVAL SCHEDULE

LOCATION	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	GUTTER REMOVAL
	SQ. YD.	FOOT	FOOT
STA. 24+17 TO 27+05 C	1,000		
STA. 24+18 TO 25+50 RT.		159	
STA. 24+21 TO 25+31 LT.		178	
STA. 34+07 TO 35+32 LT.	197		
STA. 34+08 TO 35+31 RT.	148		
STA. 34+17 TO 34+38 RT.		25	
STA. 34+18 TO 34+35 LT.		21	
STA. 34+93 TO 35+15 RT.		24	
STA. 34+96 TO 35+14 LT.		21	
STA. 42+89 TO 43+79 RT.	151		
STA. 43+06 TO 43+35 LT.			49
STA. 43+06 TO 43+92 LT.	191		
STA. 43+11 TO 43+20 RT.			18
STA. 43+53 TO 43+61 RT.			18
STA. 43+63 TO 43+92 LT.			49
STA. 66+19 TO 66+47 LT.		47	
STA. 66+19 TO 67+12 LT.	228		
STA. 66+31 TO 67+15 RT.	102		
STA. 66+89 TO 67+12 LT.		40	
STA. 78+87.5 TO 79+10 C	75		
SUBTOTAL STA. 24+17.37 TO 55+00	1,687	428	134
SUBTOTAL STA. 55+00 TO 79+10.00	405	87	0
TOTAL	2,092	515	134

PAVING SCHEDULE

STAGE	LOCATION	PROCESSING MODIFIED SOIL, 12"	LIME	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	HMA BINDER CRSE. IL-19.0, N70, 6"	BIT. MATERIALS (PRIME COAT)	AGGREGATE	HMA SURFACE CRSE., MIX "D", N70, 2"	COMB. CONC. C&G B-6.24	CLASS SI CONCRETE (OUTLET)
		SQ YD	TON	SQ YD	TON	GALLON	TON	TON	FT	CU YD
1	24+17.37 TO 28+10			2,067	615	137	2.8	205	824	
2	28+10 TO 39+00	5,208	100		1,546	345	6.9	515	2,071	
3	39+00 TO 54+50	7,406	143		2,199	491	9.8	733	3,087	
4	54+50 TO 79+10	11,753	226		3,490	779	15.6	1,163	4,869	4.8
SUBTOTAL STA. 24+17.37 TO 55+00		12,853	248	2,067	4,431	989	19.8	1,476	6,082	0
SUBTOTAL STA. 55+00 TO 79+10.00		11,514	221	0	3,419	763	15.3	1,140	4,769	4.8
TOTAL		24,367	469	2,067	7,850	1,752	35.1	2,616	10,851	4.8

MISCELLANEOUS REMOVAL ITEMS

LOCATION	GUARDRAIL REMOVAL	SIDEWALK REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	FOOT	SQ FT	SQ YD
STA. 24+25 TO 24+45 RT.		132	
STA. 27+18 TO 29+36 RT.	219		
STA. 28+45 TO 28+55 LT.	17		
STA. 28+49 TO 28+63 LT.			15
STA. 28+83 TO 28+98 LT.			8
STA. 28+84 RT.	17		
STA. 29+77 TO 30+28 RT.			
STA. 34+24 TO 34+37 RT.		126	
STA. 34+95 TO 35+10 RT.		85	
STA. 67+13 TO 67+62 RT.		194	
SUBTOTAL STA. 24+17.37 TO 55+00	253	343	23
SUBTOTAL STA. 55+00 TO 79+10.00	0	194	0
TOTAL	253	537	23

SIGN SCHEDULE

LOCATION STATION / OFFSET	SIGN PANEL TYPE 1 (SQ. FT.)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH)	DESCRIPTION
25+50 29' RT.	7		12			W10-1 (36)
27+73 C	5			9	1	R4-7 (2430)
28+25 29' RT.	6		14			R3-9b (2436)
28+50 29' LT.	7		12			W10-1 (36)
33+75 29' RT.	5	12				R2-1 (2430) 40 MPH
33+75 29' LT.	5	12				R2-1 (2430) 30 MPH
47+00 22.5' RT.	5	12				R2-1 (2430) 40 MPH
47+00 22.5' LT.	5	12				R2-1 (2430) 40 MPH
49+50 22.5' RT.	6		12			R3-9b (2436)
49+50 22.5' LT.	6		12			R3-9b (2436)
67+75 22.5' RT.	5	12				R2-1 (2430) 40 MPH
67+75 22.5' LT.	5	12				R2-1 (2430) 40 MPH
76+50 22.5' LT.	6		12			R3-9b (2436)
SUBTOTAL STA. 24+17.37 TO 55+00	57	48	62	9	1	
SUBTOTAL STA. 55+00 TO 79+10.00	16	24	12	0	0	
TOTAL	73	72	74	9	1	

EARTHWORK SCHEDULE

STAGE	LOCATION	EARTH EXCAVATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION	ROCK EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
1	24+17.37 TO 28+10	856*		642	557	+ 85	0			
2	28+10 TO 39+00	1,883**		1,412	1,689	- 277	192	65	78	501
3	39+00 TO 54+50	611	914	458	1,454	- 996	1,188			
4	54+50 TO 79+10	1,450	1,460	1,088	1,361	- 273	1,461			
SUBTOTAL STA. 24+17.37 TO 55+00		3,380	944	2,534	3,730	- 1,196	1,196	65	78	501
SUBTOTAL STA. 55+00 TO 79+10.00		1,420	1,430	1,066	1,331	- 265	265	0	0	0
TOTAL		4,800	2,374	3,600	5,061	- 1,461	1,461	65	78	501

* STA. 24+17.37 TO 27+00 REMOVAL OF EXISTING ROADWAY SURFACE AND BASE HAS BEEN INCLUDED IN THE PAVEMENT REMOVAL QUANTITIES. THE DEPTH OF THE EXISTING SURFACE AND BASE MAY VARY FROM THOSE SHOWN IN THE PLANS HOWEVER, NO ADDITIONAL COMPENSATION WILL BE ALLOWED. REMOVAL OF BASE MATERIAL AT DEPTHS BELOW THOSE SHOWN IN THE TYPICAL SECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION.

** STA. 27+00 TO 39+00 REMOVAL OF EXISTING OIL & CHIP SURFACE AND AGGREGATE HAS BEEN INCLUDED IN THE EARTH EXCAVATION QUANTITIES AND CAN BE USED IN THE EMBANKMENT. ALL OTHER BITUMINOUS MATERIALS AND BASE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. FOR REMOVAL OF UNSUITABLE MATERIAL.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	6
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

ENTRANCE / SIDEROAD SCHEDULE

STATION	SURFACE	TYPE	"L"	"W"	DRIVEWAY PAV'T	INCIDENTAL HOT-MIX	AGG. BASE	PCC DRIVEWAY	AGG. SURFACE	HMA SURFACE CRSE.,	HMA BINDER CRSE.	COMMENTS
			FOOT	FOOT	REMOVAL	ASPHALT SURFACING	COURSE, TY B, 8"	PAVEMENT, 6"	COURSE, TY B, 6"	MIX "D", N70, 2"	IL-19.0, N70, 6"	
					SQ. YD.	TON	TON	SQ. YD.	TON	TON	TON	
24+82.23	LT.	AGGREGATE	22.5	16.6	14.0			19.5	10.9			
25+57.49	LT.	ASPHALT	27.7	18.6	80.1	7.7	21.3	21.0				
26+13.26	LT.	ASPHALT	24.5	12.0	51.6	4.5	12.5	16.7				
26+15.47	RT.	ASPHALT	18.0	26.3	94.7	6.0	16.7	26.2				PLUMBER'S SUPPLY
26+69.11	RT.	AGGREGATE	16.4	31.6				22.0	8.5			R.R. ACCESS
26+77.57	LT.	AGGREGATE	21.6	26.1				24.0	14.8			R.R. ACCESS
28+50.00	LT.	ASPHALT	56.3	24.0	188.6	31.8	56.0	26.1				ANDRIA'S RESTURANT
29+84.39	RT.	AGGREGATE	23.6	25.1				24.7	16.4			CELL TOWER
30+23.80	LT.	CONCRETE	26.9	20.5	100.7			68.7				ANDRIA'S WAREHOUSE
30+55.91	RT.	AGGREGATE	16.0	20.4				22.2	8.1			
31+04.70	LT.	ASPHALT	25.7	24.0	72.5	8.8	24.5	22.8				EMPLOYEE PARKING
32+35.65	RT.	AGGREGATE	27.4	12.0				16.7	9.3			
34+49.20	RT.	ASPHALT	11.8*	14.3						5.0	15.0	CHESAPEAKE JCT.
34+50.53	LT.	ASPHALT	9.2*	14.3						3.9	11.6	FOUNTAINS PKWY.
34+80.91	RT.	ASPHALT	11.8*	14.4						4.9	14.7	CHESAPEAKE JCT.
34+81.58	LT.	ASPHALT	9.2*	14.5						4.1	12.2	FOUNTAINS PKWY.
37+20.70	RT.	AGGREGATE	28.5	12.0				22.9	5.3			
39+31.53	RT.	AGGREGATE	24.4	12.0				23.8	4.6			
40+20.04	RT.	AGGREGATE	14.2	19.8				35.2				
43+36.19	RT.	ASPHALT	25.3*	32.2						14.1	42.6	STONE BRIAR DR.
43+48.82	LT.	ASPHALT	27.5*	28.3						13.4	40.2	STAFFORDSHIRE LN.
48+14.59	RT.	AGGREGATE	17.8	27.6				46.2	4.7			KILDEA LANE
48+92.31	LT.	AGGREGATE	25.4	12.7				14.9	9.4			
50+07.13	RT.	ASPHALT	12.4	40.0	116.8			66.5				
54+12.01	RT.	AGGREGATE	11.0	24.0				34.6				MAINTENANCE BLDG.
55+43.39	RT.	OIL & CHIP	10.8	14.1				22.1				ROWE LANE
66+68.91	RT.	CONCRETE	12.1*	29.2						7.3	22.0	SAVANNAH HILLS DR.
66+68.91	LT.	ASPHALT	27.5*	43.1						18.4	55.2	NORTHSHORE DR.
SUBTOTAL STA. 24+17.37 TO 55+00					719.0	58.8	131.0	554.7	92	45.4	136.3	
SUBTOTAL STA. 55+00 TO 80+12.50					0	0	0	22.1	0	25.7	77.2	
TOTAL					719.0	58.8	131.0	576.8	92	71.1	213.5	

(*) - MEASURED FROM EDGE OF PAVEMENT

SIDEWALK SCHEDULE

LOCATION	P.C.C. SIDEWALK, 4"	DETECTABLE WARNINGS
	SQ. FT	SQ. FT
STA. 24+32 TO 25+96 RT.	994	
STA. 24+36 TO 24+68 LT.	234	
STA. 24+35 RT.		10
STA. 24+39 LT.		10
STA. 24+97 TO 25+42 LT.	268	
STA. 25+73 TO 26+01 LT.	167	
STA. 26+26 TO 26+49 LT.	134	
STA. 26+35 TO 26+53 RT.	106	
STA. 26+86 TO 26+93 RT.	39	
STA. 26+96 TO 27+04 LT.	45	
STA. 27+12 TO 29+66 RT.	1,517	
STA. 27+23 TO 28+46 LT.	736	
STA. 28+85 TO 30+08 LT.	735	
STA. 30+03 TO 30+39 RT.	211	
STA. 30+40 TO 30+87 LT.	280	
STA. 30+72 TO 32+23 RT.	907	
STA. 31+21 TO 34+31 LT.	1,246	
STA. 32+48 TO 34+36 RT.	1,199	
STA. 34+33 RT.		8
STA. 34+99 RT.		8
STA. 35+01 TO 43+24 LT.	3,294	
STA. 34+95 TO 37+15 RT.	904	
STA. 37+27 TO 39+25 RT.	786	
STA. 39+38 TO 40+11 RT.	286	
STA. 40+30 TO 41+59 RT.	509	
STA. 43+16 LT.		8
STA. 43+73 TO 48+85 LT.	2,017	
STA. 43+82 LT.		8
STA. 47+92 TO 48+00 RT.	32	
STA. 48+28 TO 49+85 RT.	623	
STA. 50+30 TO 54+00 RT.	1,488	
STA. 49+03 TO 66+36 LT.	6,924	
STA. 54+25 TO 55+37 RT.	451	
STA. 55+35 RT.		8
STA. 55+52 TO 56+86 RT.	531	
STA. 55+53 RT.		6
STA. 66+28 LT.		6
STA. 66+99 TO 76+40 LT.	3,912	
STA. 67+03 LT.		8
STA. 67+13 TO 67+62 RT.	187	
SUBTOTAL STA. 24+17.37 TO 55+00	26,196	52
SUBTOTAL STA. 55+00 TO 80+12.50	4,630	28
TOTAL	30,759	80

TREE REMOVAL SCHEDULE

LOCATION	OFFSET	6" - 15" (20100110)	OVER 15" (20100210)
		INCH DIAMETER	INCH DIAMETER
29+37.6	33.9' LT.	15	
29+40.4	48.1' LT.	8	
29+50.2	49.5' LT.		18
31+51.1	33.0' RT.		34
36+70.8	27.3' RT.		16/18/24
37+00.9	34.4' RT.	12	18
39+50.6	25.7' RT.		42
SUBTOTAL STA. 24+17.37 TO 55+00		35	170
SUBTOTAL STA. 55+00 TO 80+12.50		0	0
TOTAL		35	170

SEEDING / EROSION CONTROL SCHEDULE

LOCATION	SEEDING CLASS 1	MULCH METHOD 2	FERTILIZER NUTRIENTS			TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
			NITROGEN	PHOSPHORUS	POTASSIUM			
	ACRE	ACRE	POUND	POUND	POUND	POUND	FOOT	EACH
24+17.37 TO 28+10	0.11	0.11	9.9	9.9	11	50	50	1
28+10 TO 39+00	0.47	0.47	42.3	42.3	42.3	47	615	0
39+00 TO 54+50	0.64	0.64	57.6	57.6	57.6	64	350	0
54+50 TO 79+15.65	0.86	0.86	77.4	77.4	77.4	86	350	0
SUBTOTAL STA. 24+17.37 TO 55+00	1.23	1.23	110.7	110.7	110.7	123	1,065	1
SUBTOTAL STA. 55+00 TO 79+10.00	0.85	0.85	76.5	76.5	76.5	85	300	0
TOTAL	2.08	2.08	187.2	187.2	187.2	208	1,365	1

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	7
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

STORM SEWER & DRAINAGE STRUCTURE SCHEDULE

PT	LOCATION		DESCRIPTION	TOP MASONRY (1)	FLOWLINE			
	STATION	OFFSET			N	S	E	W
STA. 24+17.37 TO 55+00								
1	24+28	82.9'R	PRC FES 30"x19" **			551.28	551.30	
2	24+30	20.1'R	PIPE TEE 30"x19" P 15"R		561.89		561.70	561.75
3	24+32	35.1'L	PIPE TEE 30"x19" P 12"R		562.39		562.07	562.12
4	24+35	111.5'L	PRC FES 30"x19" **				562.60	562.62
5	24+40	37.4'L	INLET SPECIAL- 4'x4'	564.91		562.45		
6	24+80	25.4'R	INLET SPECIAL- 4'x4'	565.31	562.12	562.02		
7	26+70	20.3'L	INLET TA, T24 F&G	564.50			563.17	
8	26+70	20.3'R	INLET TB T24 F&G *	564.50		562.78		562.98
9	28+00	23.5'L	INLET SPECIAL- 4'x4'	562.66			560.49	
10	28+00	23.5'R	INLET SPECIAL- 4'x4'	562.66	557.71			557.91
11	28+80	23.5'R	INLET SPECIAL- 4'x4'	558.66		554.67	553.24	555.17
12	28+90	23.5'L	INLET SPECIAL- 4'x4'	558.16			555.78	
13	28+80	48.0'R	12" END SECTION				551.00	
14	29+41	23.5'L	PRECAST BOX CULVERT, 9'X6'		550.00			
15	30+80	23.5'L	INLET SPECIAL- 6'x4'	553.20	551.00	550.80	550.90	
16	30+80	23.5'R	INLET SPECIAL- 6'x4'	553.20	551.42			551.22
17	32+60	23.5'L	INLET SPECIAL- 4'x4'	555.24	552.63	552.43	552.53	
18	32+60	23.5'R	INLET SPECIAL- 4'x4'	555.24				552.91
19	34+10	23.5'L	INLET SPECIAL- 4'x4'	557.78	554.78	554.58	554.68	
20	34+10	23.5'R	INLET SPECIAL- 4'x4'	557.78			555.33	555.13
21	34+40	52.5'R	EXISTING INLET		556.52	556.42		
22	34+90	53.4'R	EXISTING INLET		556.75	556.65		
23	35+25	23.5'L	INLET SPECIAL- 4'x4'	559.98	556.98	556.78	556.88	
24	35+25	23.5'R	INLET SPECIAL- 4'x4'	559.98				557.05
25	37+05	23.5'L	INLET SPECIAL- 4'x4'			561.09	561.29	
26	37+05	23.5'R	INLET SPECIAL- 4'x4'	564.09				561.46
27	40+95	39.4'L	12" END SECTION				563.89	
28	41+02	23.5'L	INLET SPECIAL- 4'x4'	568.30	565.03		565.13	564.94
29	41+02	23.5'R	INLET SPECIAL- 4'x4'	568.30				565.30
30	42+92	23.5'L	INLET SPECIAL- 4'x4'	569.17		565.85	566.00	
31	42+92	23.5'R	INLET SPECIAL- 4'x4'	569.17				566.17
32	43+63	27.8'R	INLET SPECIAL- 4'x4'	568.82	556.75			
33	43+96	23.5'L	INLET SPECIAL- 4'x4'	569.69	566.64		566.54	565.60
33a	43+95	28.7'L	EXISTING 18" RCCP					
34	43+96	23.5'R	INLET SPECIAL- 4'x4'	569.69		566.91		566.71
35	45+80	23.5'L	INLET SPECIAL- 4'x4'	570.61	567.54	567.34	567.44	
36	45+80	23.5'R	INLET SPECIAL- 4'x4'	570.61				567.61
37	47+60	23.5'L	INLET SPECIAL- 4'x4'	571.51	568.44	568.24	568.34	
38	47+60	23.5'R	INLET SPECIAL- 4'x4'	571.51				568.51
39	49+60	23.5'L	INLET SPECIAL- 4'x4'	572.51	569.42	569.22	569.32	
40	49+60	23.5'R	INLET SPECIAL- 4'x4'	572.51			569.95	569.75
40a	49+60	40.1'R	12" END SECTION				570.97	
41	51+20	23.5'L	INLET SPECIAL- 4'x4'	573.31		570.04	570.24	
42	51+20	23.5'R	INLET SPECIAL- 4'x4'	573.31	570.61			570.41
43	52+28	23.5'R	INLET SPECIAL- 4'x4'	573.85		571.40	571.60	
44	52+28	40.9'R	12" END SECTION					571.80
45	54+82	41.53'L	12" END SECTION					569.28
46	54+85	23.5'L	INLET SPECIAL- 4'x4'	573.52	570.25		570.35	570.16
47	54+85	23.5'R	INLET SPECIAL- 4'x4'	573.52		571.95		570.52
STA. 55+00 TO 80+12.50								
48	56+75	23.5'L	INLET SPECIAL- 4'x4'	574.72	571.65	571.45	571.55	
49	56+75	23.5'R	INLET SPECIAL- 4'x4'	574.72				571.72
50	58+65	23.5'L	INLET SPECIAL- 4'x4'	576.25	573.18	572.98	573.08	
51	58+65	23.5'R	INLET SPECIAL- 4'x4'	576.25				573.25
52	60+55	23.5'L	INLET SPECIAL- 4'x4'	577.77	574.70	574.50	574.60	
53	60+55	23.5'R	INLET SPECIAL- 4'x4'	578.83				574.77
54	62+45	23.5'L	INLET SPECIAL- 4'x4'	579.14		575.77	575.97	
55	62+45	23.5'R	INLET SPECIAL- 4'x4'	579.14				576.14
56	66+19	23.5'L	INLET SPECIAL- 4'x4'	578.65	575.28		575.48	
57	66+19	23.5'R	INLET SPECIAL- 4'x4'	578.65				575.65
58	66+48	34.4'R	EXISTING INLET		574.77	574.87		
59	66+91	33.7'R	EXISTING INLET		574.71	574.61		
60	67+40	23.5'L	INLET SPECIAL- 4'x4'	576.27	573.00	573.20	573.10	
61	67+40	23.5'R	INLET SPECIAL- 4'x4'	576.27			573.47	573.27
62	68+65	23.5'L	INLET SPECIAL- 4'x4'	573.44	570.17	570.37	570.27	
63	68+65	23.5'R	INLET SPECIAL- 4'x4'	573.44				570.44
64	69+92	23.5'R	INLET SPECIAL- 6'x4' TYS FRAME & LID	572.28			568.02	568.22
65	69+88	37.7'L	12" END SECTION					570.80
66	69+90	23.5'L	INLET SPECIAL- 4'x4'	572.26	568.57	568.57	568.37	568.57
67			EXISTING 42" CMP					
68	71+75	23.5'L	INLET SPECIAL- 4'x4'	574.00	570.93	570.73	570.83	
69	71+75	23.5'R	INLET SPECIAL- 4'x4'	574.60				571.00
70	73+50	23.5'L	INLET SPECIAL- 4'x4'	576.10	573.03	572.83	572.93	
71	73+50	23.5'R	INLET SPECIAL- 4'x4'	576.10				573.10
72	75+25	23.5'L	INLET SPECIAL- 4'x4'	578.20		574.83	575.03	
73	75+25	23.5'R	INLET SPECIAL- 4'x4'	578.20				575.20

- (1) - INCLUDES LID
 (*) - DENOTES FLAT SLAB TOP
 (**) - REMOVE & REINSTALL FES

NOTE: OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE.

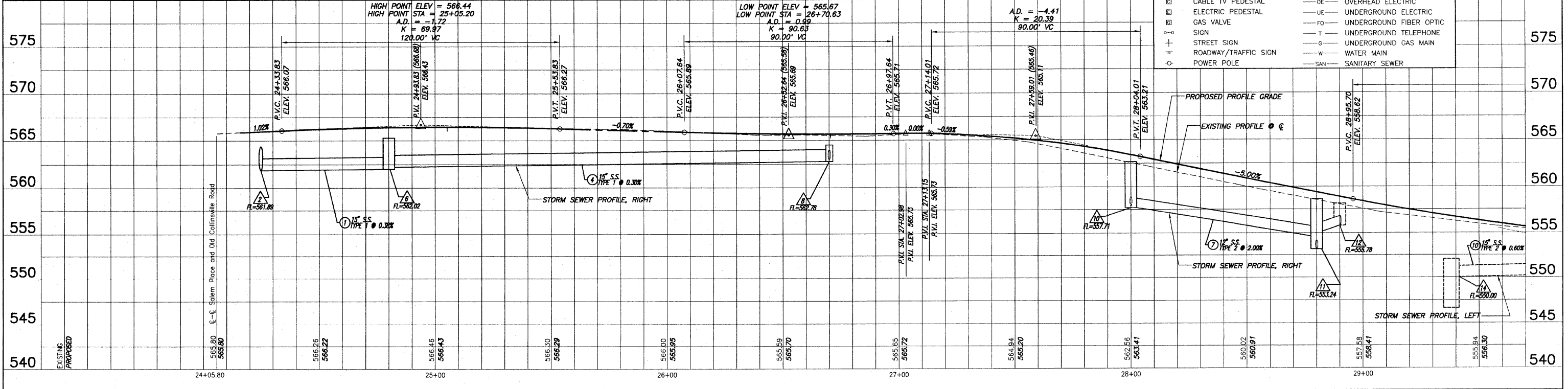
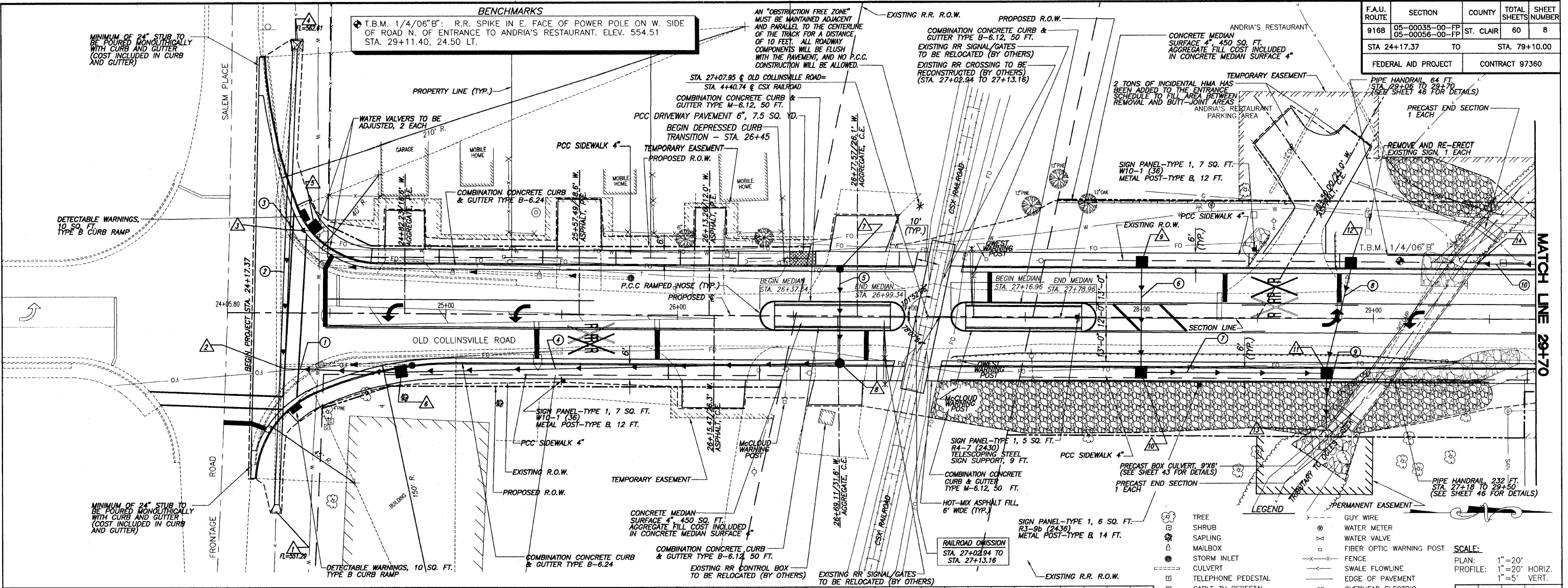
STORM SEWER SCHEDULE

No.	STRUCTURE PT. - PT.	RUBBER GASKET, CLASS A						PIPE CULVERTS, CLASS D, TYPE 1 42" (FOOT)	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT ROUND-SIZE 24" (FOOT)	WATER MAIN REQUIREMENTS		TRENCH BACKFILL (CU YD)
		TYPE 1			TYPE 2					12"	15"	
		12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	12" (FOOT)	15" (FOOT)			12" (FOOT)	15" (FOOT)	
1	6 - 2									51	16	
2	4 - 1										67	
3	5 - 3							195*			1	
4	8 - 6										2	
5	7 - 8			185							5	
6	9 - 10			43							7	
7	10 - 11						76				58	
8	12 - 11			43							6	
9	11 - 13			23							0	
10	15 - 14						131				94	
11	16 - 15			43							5	
12	17 - 15			177							47	
13	18 - 17			43							6	
14	19 - 17						146				52	
15	21 - 20								41		5	
16	20 - 19						43				7	
17	23 - 19								111		38	
18	24 - 23						43				7	
19	25 - 23			178							63	
20	26 - 25						43				6	
21	28 - 27			15							3	
22	29 - 28			43							6	
23	30 - 28			186							44	
24	31 - 30			43							6	
25	33 - 33a			5							0	
26	32 - 34			28							6	
27	34 - 33			43							4	
28	35 - 33			179							39	
29	36 - 35			43							6	
30	37 - 35			176							39	
31	38 - 37			43							6	
32	39 - 37			196							39	
33a	40a - 40			15							3	
33	40 - 39			43							6	
34	41 - 39			156							39	
35	42 - 41			43							6	
36	43 - 42			104							14	
37	44 - 43			15							0	
38	46 - 45						17				4	
39	47 - 46			43							6	
40	EXISTING PIPE-PIPE 41								85**		0	
41	PIPE 40 - 47								8**		0	
42	48 - 46			186							39	
43	49 - 48			43							6	
44	50 - 48			186							42	
45	51 - 50			43							6	
46	52 - 50			186							42	
47	53 - 52			43							6	
48	54 - 52			186							44	
49	55 - 54			43							6	
50	57 - 56			43								

FA.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	8
STA 24+17.37 TO STA 29+10.00		FEDERAL AID PROJECT CONTRACT 97360		

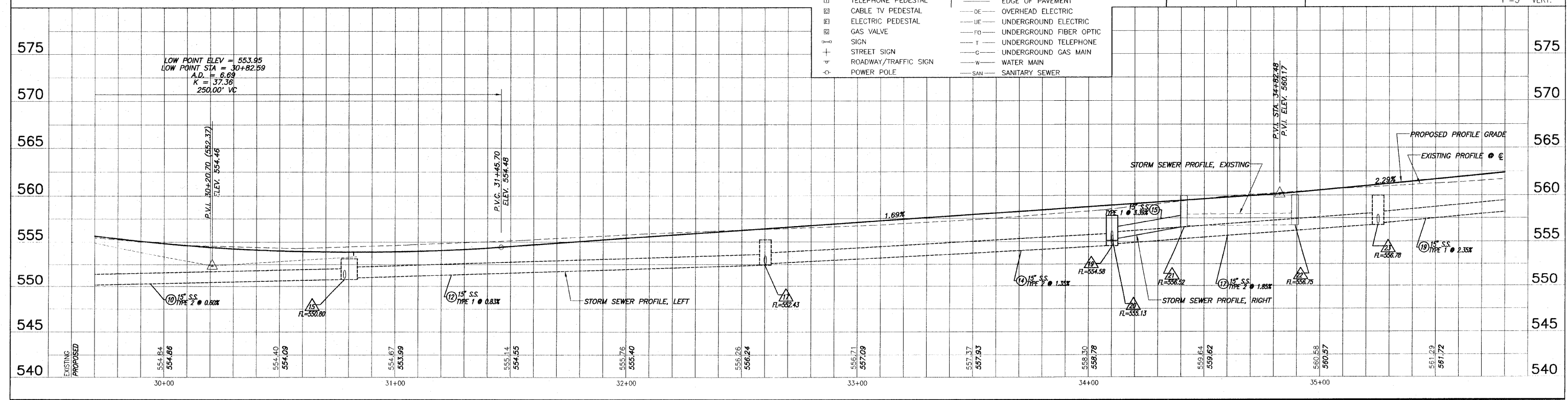
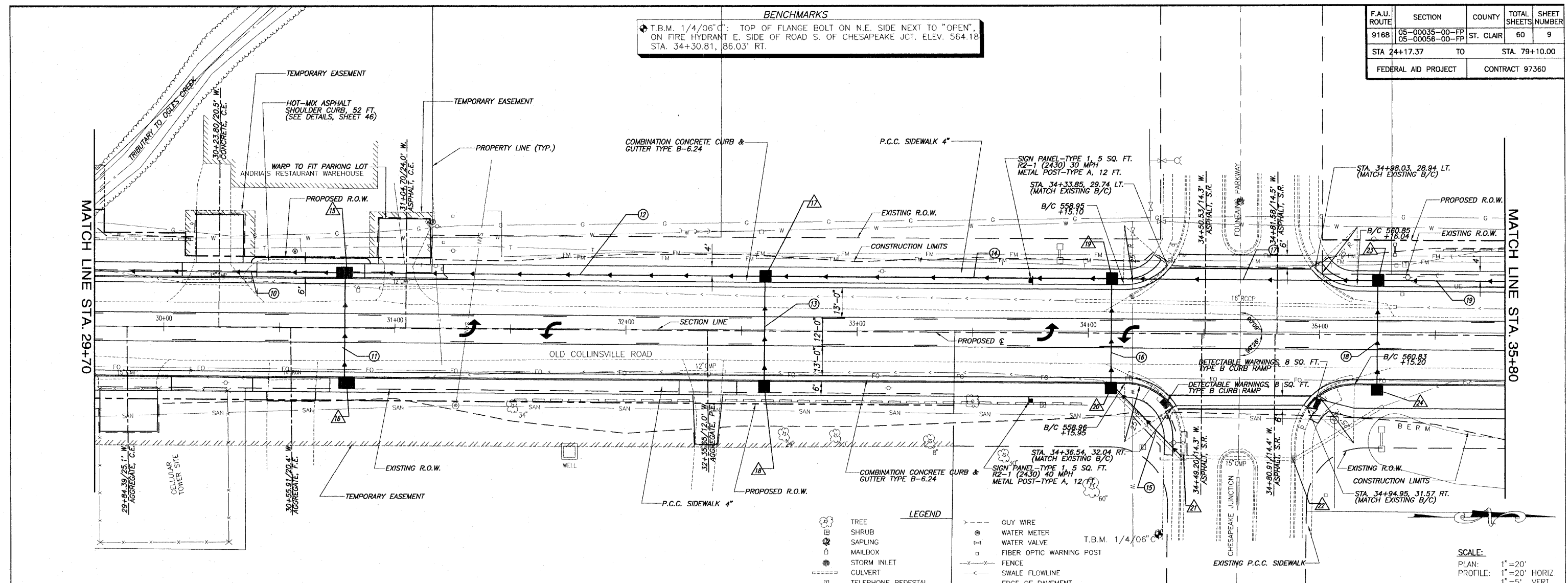
BENCHMARKS

T.B.M. 1/4"06" B": R.R. SPIKE IN E. FACE OF POWER POLE ON W. SIDE OF ROAD N. OF ENTRANCE TO ANDRIA'S RESTAURANT. ELEV. 554.51 STA. 29+11.40, 24.50 LT.



BENCHMARKS
 T.B.M. 1/4/06" C: TOP OF FLANGE BOLT ON N.E. SIDE NEXT TO "OPEN" ON FIRE HYDRANT E. SIDE OF ROAD S. OF CHESAPEAKE JCT. ELEV. 564.18 STA. 34+30.81, 86.03' RT.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	9
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		



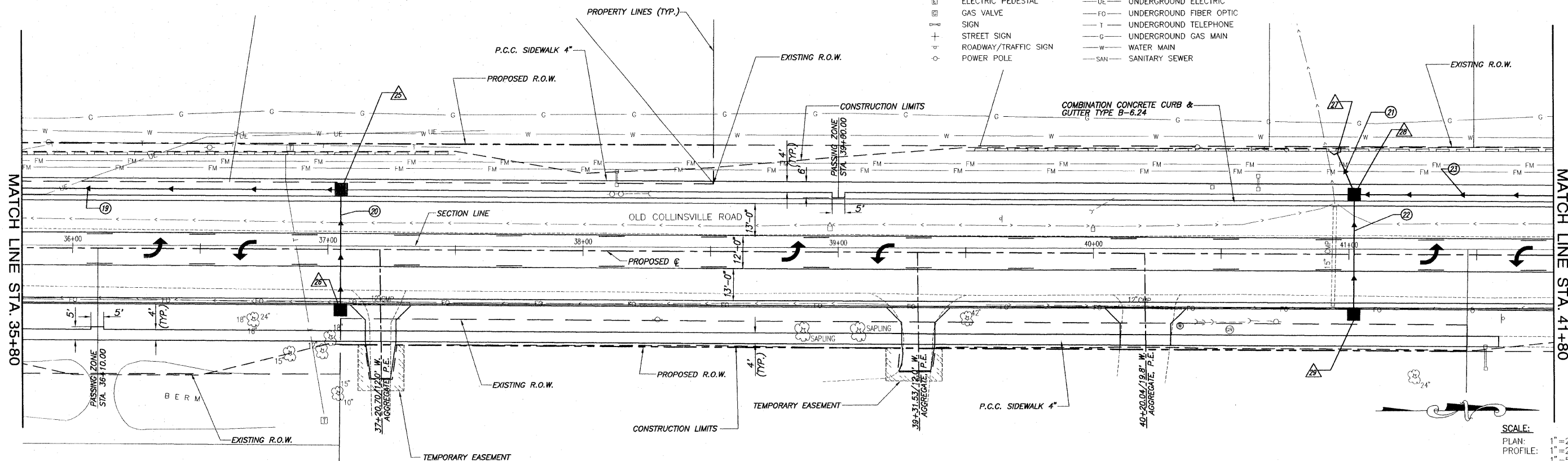
ROADWAY PLAN AND PROFILE OLD COLLINSVILLE ROAD IMPROVEMENTS
 SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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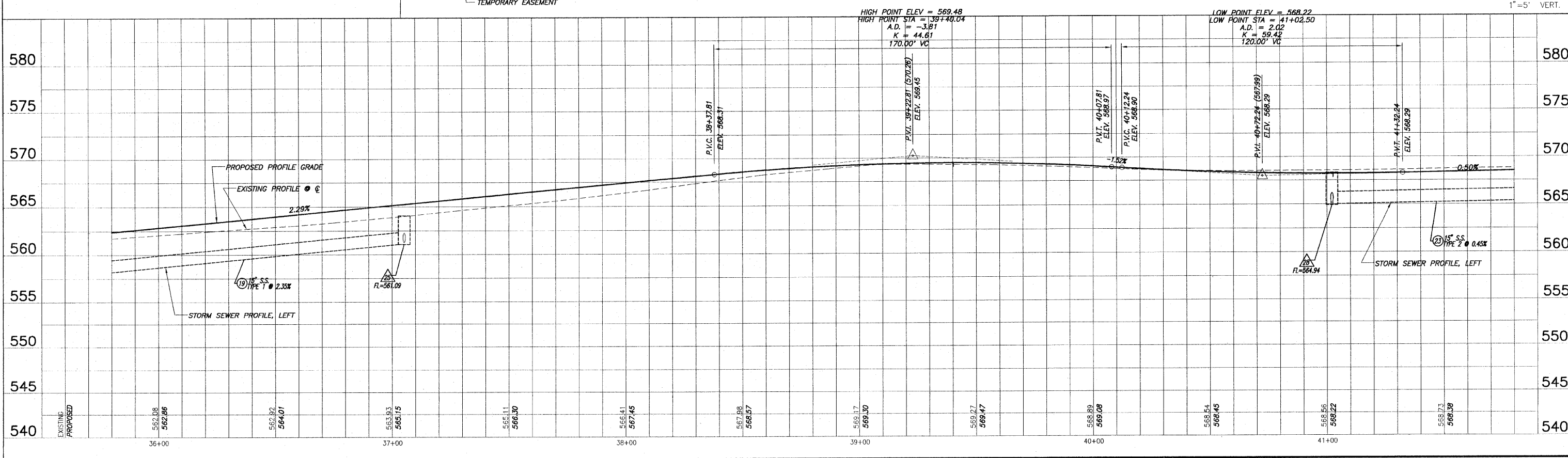
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STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

LEGEND

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		FIBER OPTIC WARNING POST
	STORM INLET		FENCE
	CULVERT		SWALE FLOWLINE
	TELEPHONE PEDESTAL		EDGE OF PAVEMENT
	CABLE TV PEDESTAL		OVERHEAD ELECTRIC
	ELECTRIC PEDESTAL		UNDERGROUND ELECTRIC
	GAS VALVE		UNDERGROUND FIBER OPTIC
	SIGN		UNDERGROUND TELEPHONE
	STREET SIGN		UNDERGROUND GAS MAIN
	ROADWAY/TRAFFIC SIGN		WATER MAIN
	POWER POLE		SANITARY SEWER



SCALE:
 PLAN: 1" = 20'
 PROFILE: 1" = 20' HORIZ.
 1" = 5' VERT.



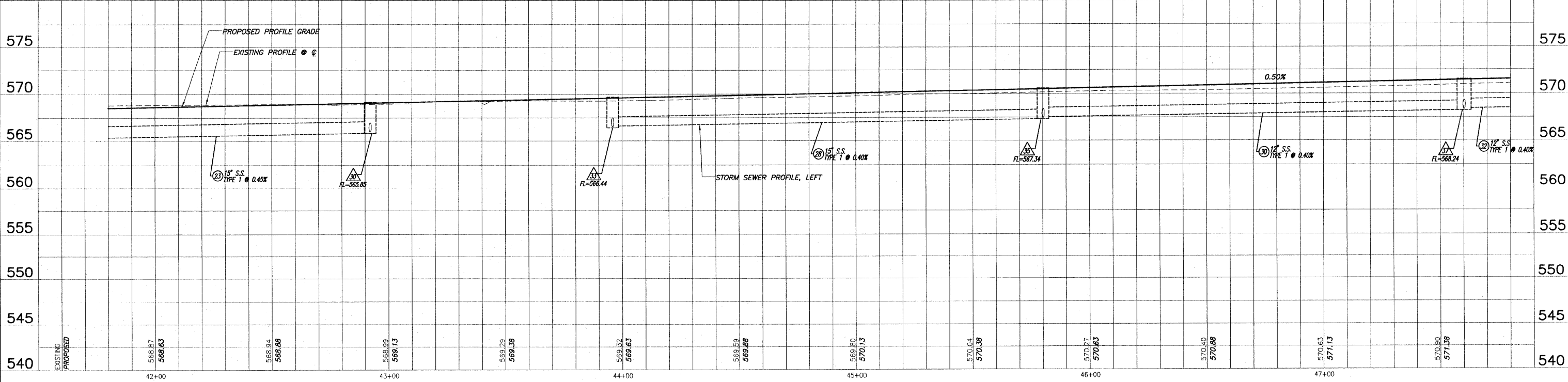
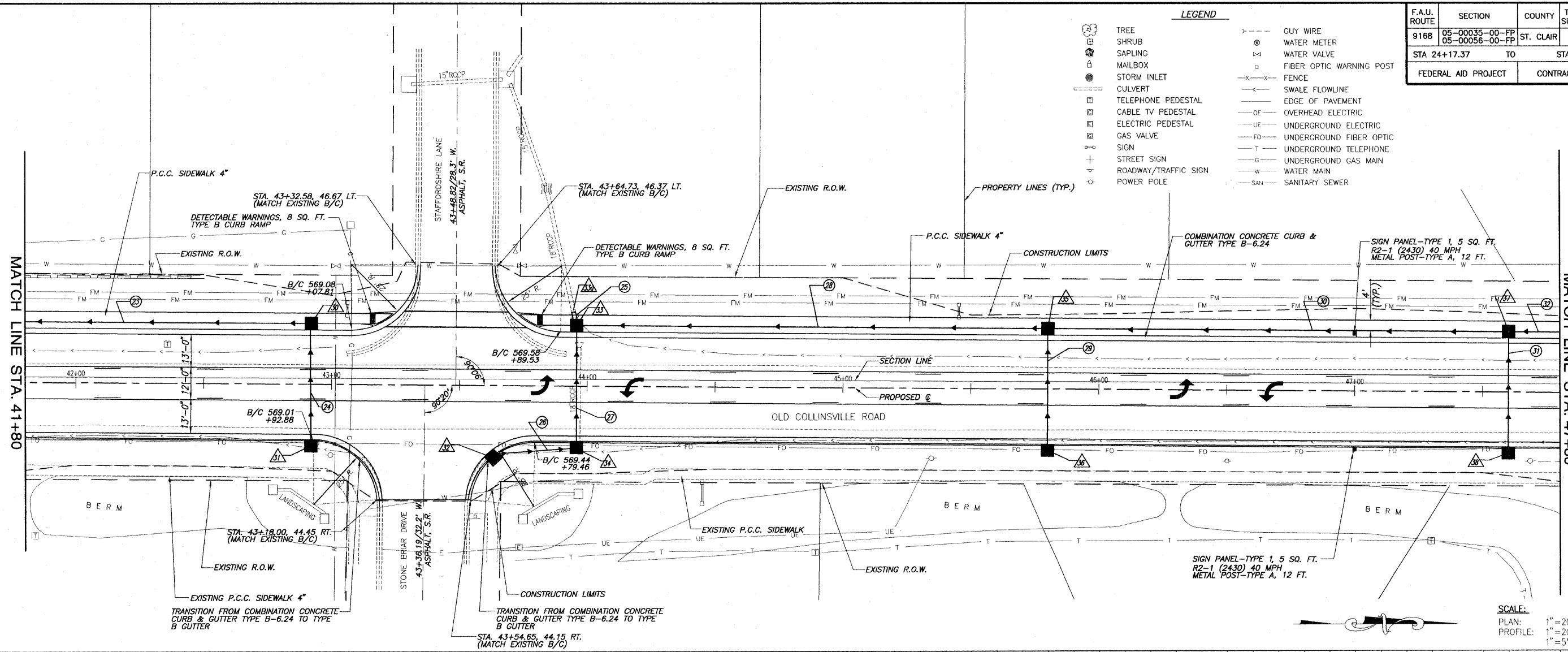
ROADWAY PLAN AND PROFILE OLD COLLINSVILLE ROAD IMPROVEMENTS
 SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	11
STA 24+17.37 TO STA. 79+10.00				
FEDERAL AID PROJECT			CONTRACT 97360	

LEGEND

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		FIBER OPTIC WARNING POST
	STORM INLET		FENCE
	CULVERT		SWALE FLOWLINE
	TELEPHONE PEDESTAL		EDGE OF PAVEMENT
	CABLE TV PEDESTAL		OVERHEAD ELECTRIC
	ELECTRIC PEDESTAL		UNDERGROUND ELECTRIC
	GAS VALVE		UNDERGROUND FIBER OPTIC
	SIGN		UNDERGROUND TELEPHONE
	STREET SIGN		UNDERGROUND GAS MAIN
	ROADWAY/TRAFFIC SIGN		WATER MAIN
	POWER POLE		SANITARY SEWER

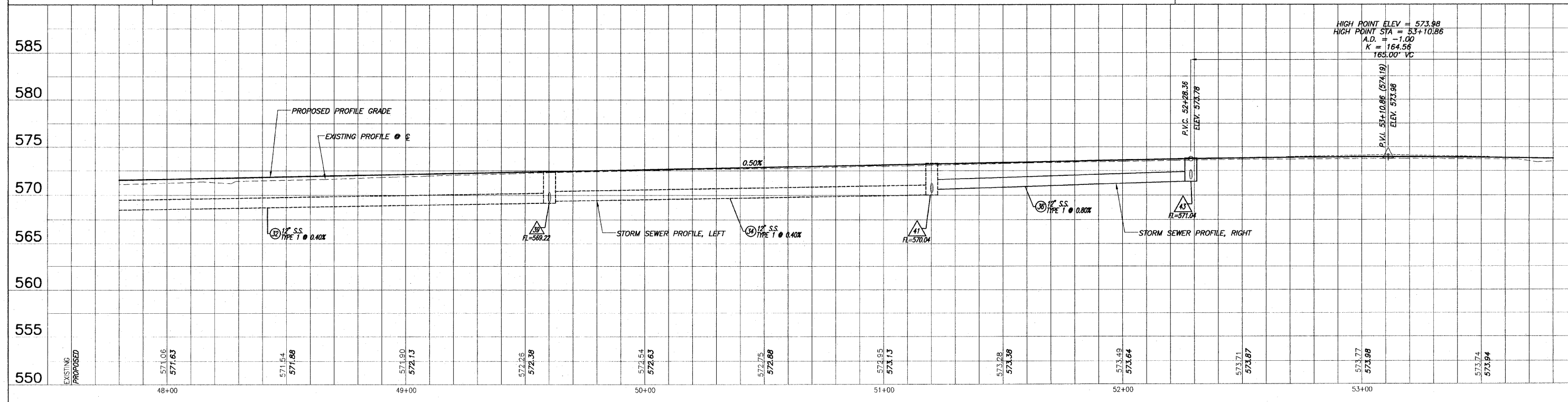
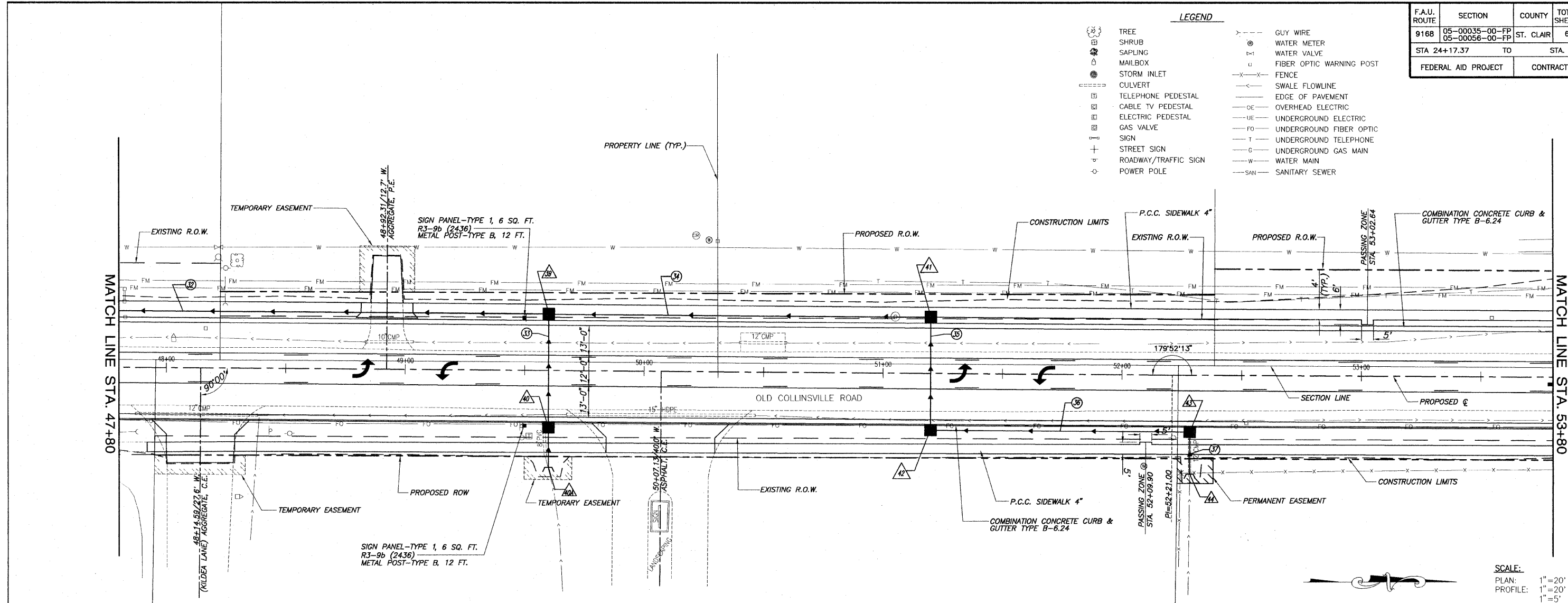


ROADWAY PLAN AND PROFILE OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

- LEGEND**
- (T) TREE
 - (S) SHRUB
 - (M) MAILBOX
 - (SI) STORM INLET
 - (C) CULVERT
 - (TP) TELEPHONE PEDESTAL
 - (CTV) CABLE TV PEDESTAL
 - (EP) ELECTRIC PEDESTAL
 - (GV) GAS VALVE
 - (S) SIGN
 - (SS) STREET SIGN
 - (RT) ROADWAY/TRAFFIC SIGN
 - (PP) POWER POLE
 - (GW) GUY WIRE
 - (WM) WATER METER
 - (WV) WATER VALVE
 - (FOWP) FIBER OPTIC WARNING POST
 - (F) FENCE
 - (SFL) SWALE FLOWLINE
 - (EP) EDGE OF PAVEMENT
 - (OE) OVERHEAD ELECTRIC
 - (UE) UNDERGROUND ELECTRIC
 - (FO) UNDERGROUND FIBER OPTIC
 - (T) UNDERGROUND TELEPHONE
 - (G) UNDERGROUND GAS MAIN
 - (W) WATER MAIN
 - (SAN) SANITARY SEWER



ROADWAY PLAN AND PROFILE OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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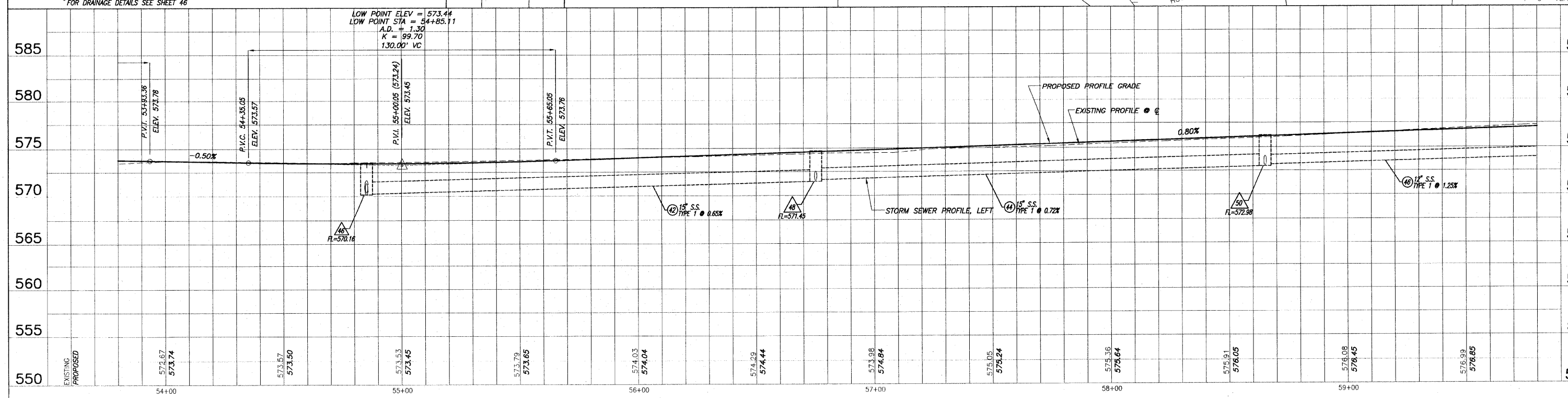
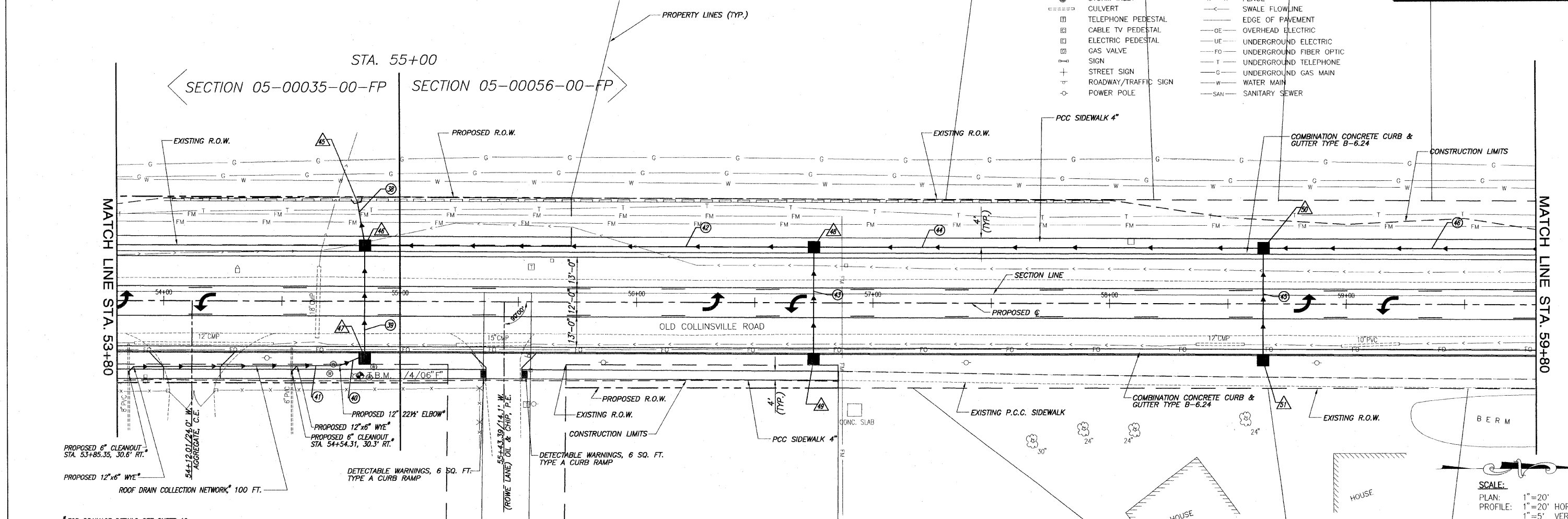
BENCHMARKS

1.B.M. 1/4"06" F": TOP OF N. MOST FLANGE BOLT ON FIRE HYDRANT ON E. SIDE OF ROAD NEXT TO MAINT. BUILDING S. OF ROWE LN. ELEV. 575.24 STA. 54+81.59, 32.48 RT.

LEGEND

- TREE
- SHRUB
- SAPLING
- MAILBOX
- STORM INLET
- CULVERT
- TELEPHONE PEDESTAL
- CABLE TV PEDESTAL
- ELECTRIC PEDESTAL
- GAS VALVE
- SIGN
- STREET SIGN
- ROADWAY/TRAFFIC SIGN
- POWER POLE
- GUY WIRE
- WATER METER
- WATER VALVE
- FIBER OPTIC WARNING POST
- FENCE
- SWALE FLOWLINE
- EDGE OF PAVEMENT
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND TELEPHONE
- UNDERGROUND GAS MAIN
- WATER MAIN
- SANITARY SEWER

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	13
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		



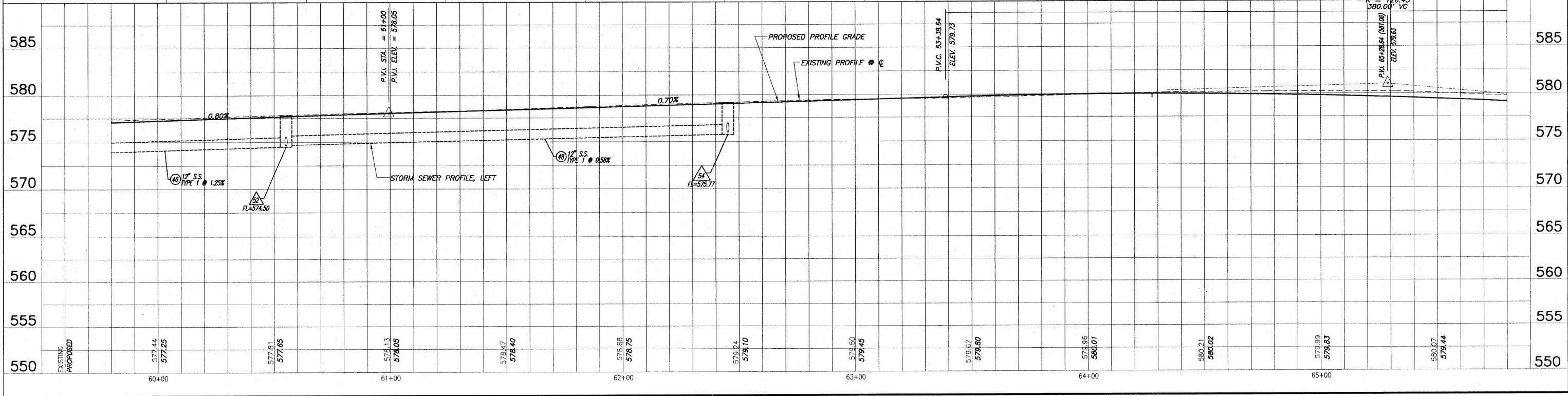
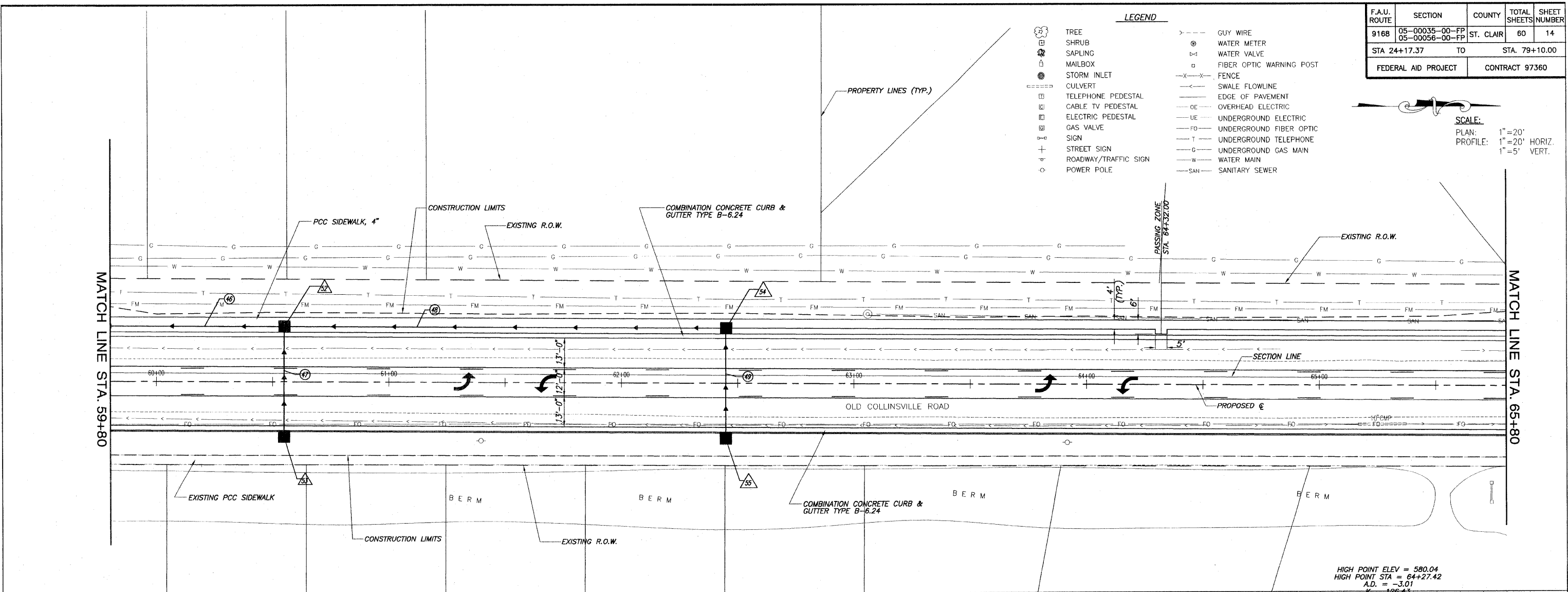
ROADWAY PLAN AND PROFILE OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	14
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

- LEGEND**
- TREE
 - SHRUB
 - SAPLING
 - MAILBOX
 - STORM INLET
 - CULVERT
 - TELEPHONE PEDESTAL
 - CABLE TV PEDESTAL
 - ELECTRIC PEDESTAL
 - GAS VALVE
 - SIGN
 - STREET SIGN
 - ROADWAY/TRAFFIC SIGN
 - POWER POLE
 - GUY WIRE
 - WATER METER
 - WATER VALVE
 - FIBER OPTIC WARNING POST
 - FENCE
 - SWALE FLOWLINE
 - EDGE OF PAVEMENT
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UNDERGROUND FIBER OPTIC
 - UNDERGROUND TELEPHONE
 - UNDERGROUND GAS MAIN
 - WATER MAIN
 - SANITARY SEWER

SCALE:
 PLAN: 1" = 20'
 PROFILE: 1" = 20' HORIZ.
 1" = 5' VERT.

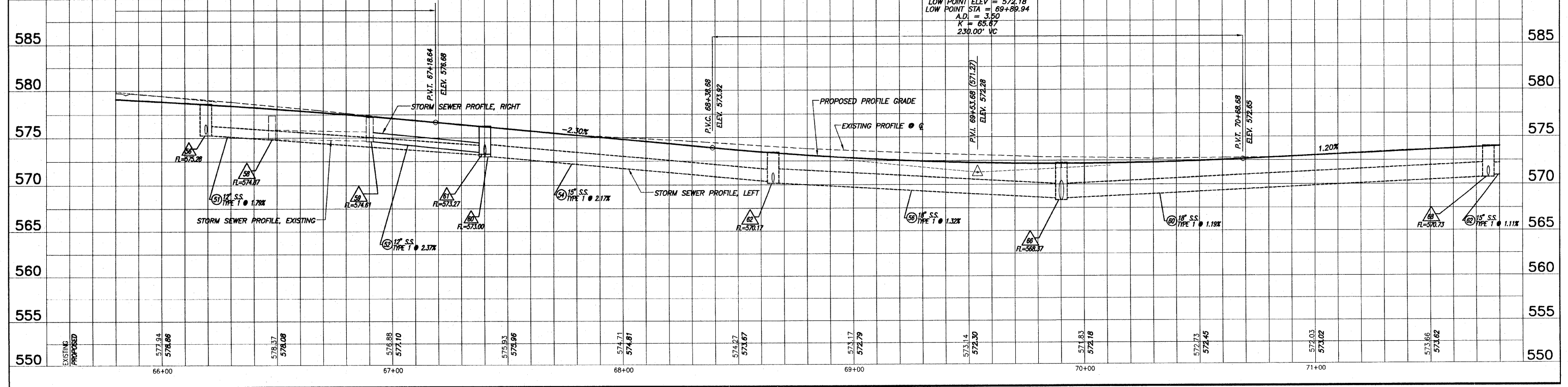
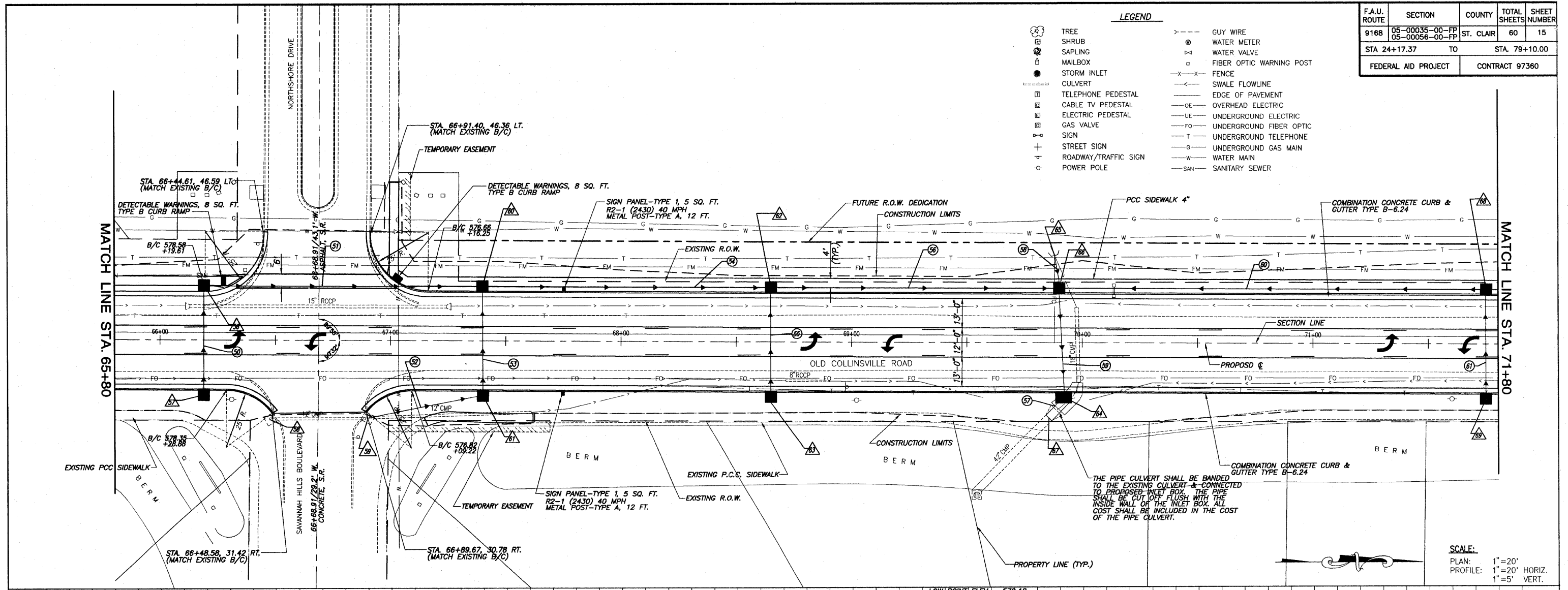


ROADWAY PLAN AND PROFILE OLD COLLINSVILLE ROAD IMPROVEMENTS
 SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
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STA 24+17.37 TO STA 79+10.00				
FEDERAL AID PROJECT			CONTRACT 97360	

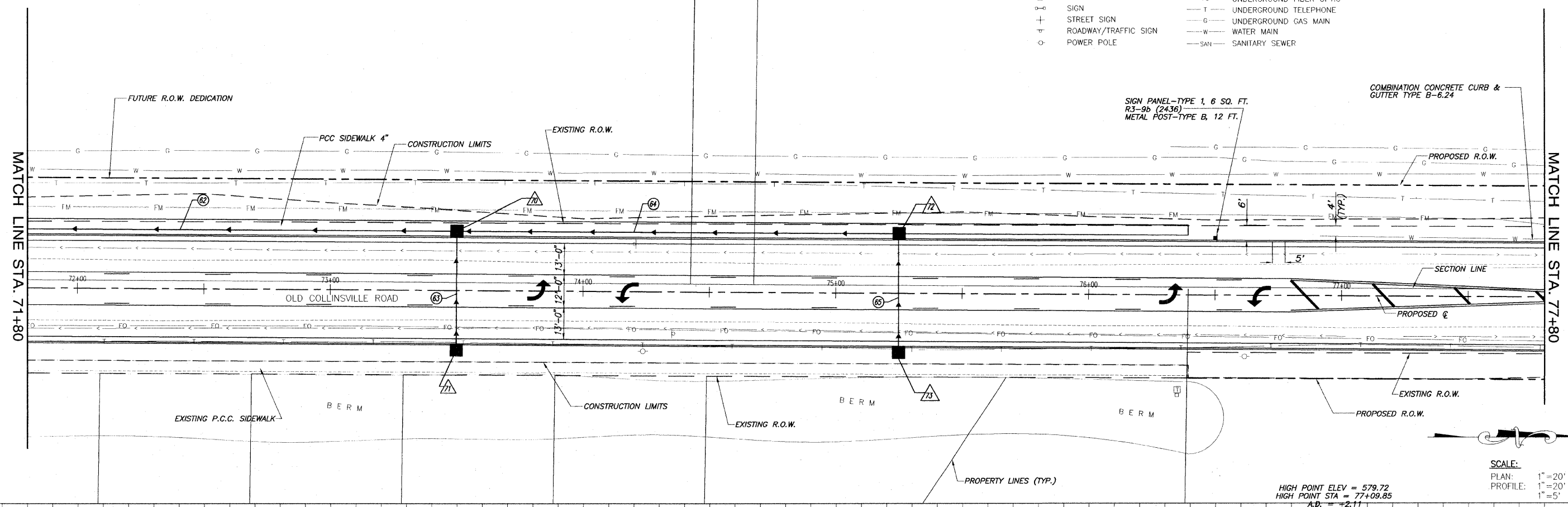
- LEGEND**
- TREE
 - SHRUB
 - SAPLING
 - MAILBOX
 - STORM INLET
 - CULVERT
 - TELEPHONE PEDESTAL
 - CABLE TV PEDESTAL
 - ELECTRIC PEDESTAL
 - GAS VALVE
 - SIGN
 - STREET SIGN
 - ROADWAY/TRAFFIC SIGN
 - POWER POLE
 - GUY WIRE
 - WATER METER
 - WATER VALVE
 - FIBER OPTIC WARNING POST
 - FENCE
 - SWALE FLOWLINE
 - EDGE OF PAVEMENT
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UNDERGROUND FIBER OPTIC
 - UNDERGROUND TELEPHONE
 - UNDERGROUND GAS MAIN
 - WATER MAIN
 - SANITARY SEWER



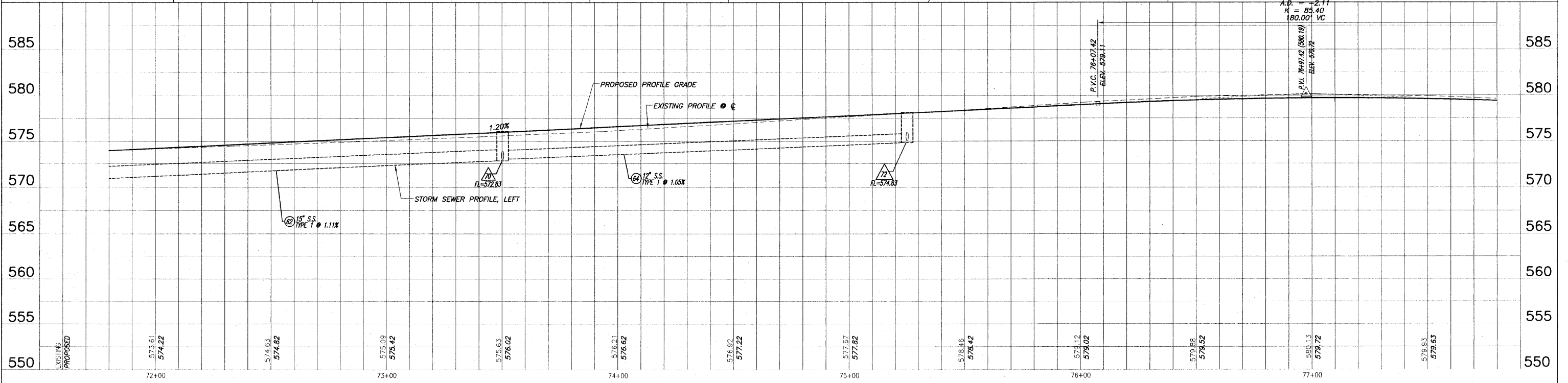
ROADWAY PLAN AND PROFILE OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	16
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

- LEGEND**
- TREE
 - SHRUB
 - SAPLING
 - MAILBOX
 - STORM INLET
 - CULVERT
 - TELEPHONE PEDESTAL
 - CABLE TV PEDESTAL
 - ELECTRIC PEDESTAL
 - GAS VALVE
 - SIGN
 - STREET SIGN
 - ROADWAY/TRAFFIC SIGN
 - POWER POLE
 - GUY WIRE
 - WATER METER
 - WATER VALVE
 - FIBER OPTIC WARNING POST
 - FF/CF
 - SWALE FLOWLINE
 - EDGE OF PAVEMENT
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UNDERGROUND FIBER OPTIC
 - UNDERGROUND TELEPHONE
 - UNDERGROUND GAS MAIN
 - WATER MAIN
 - SANITARY SEWER



SCALE:
 PLAN: 1" = 20'
 PROFILE: 1" = 20' HORIZ.
 1" = 5' VERT.



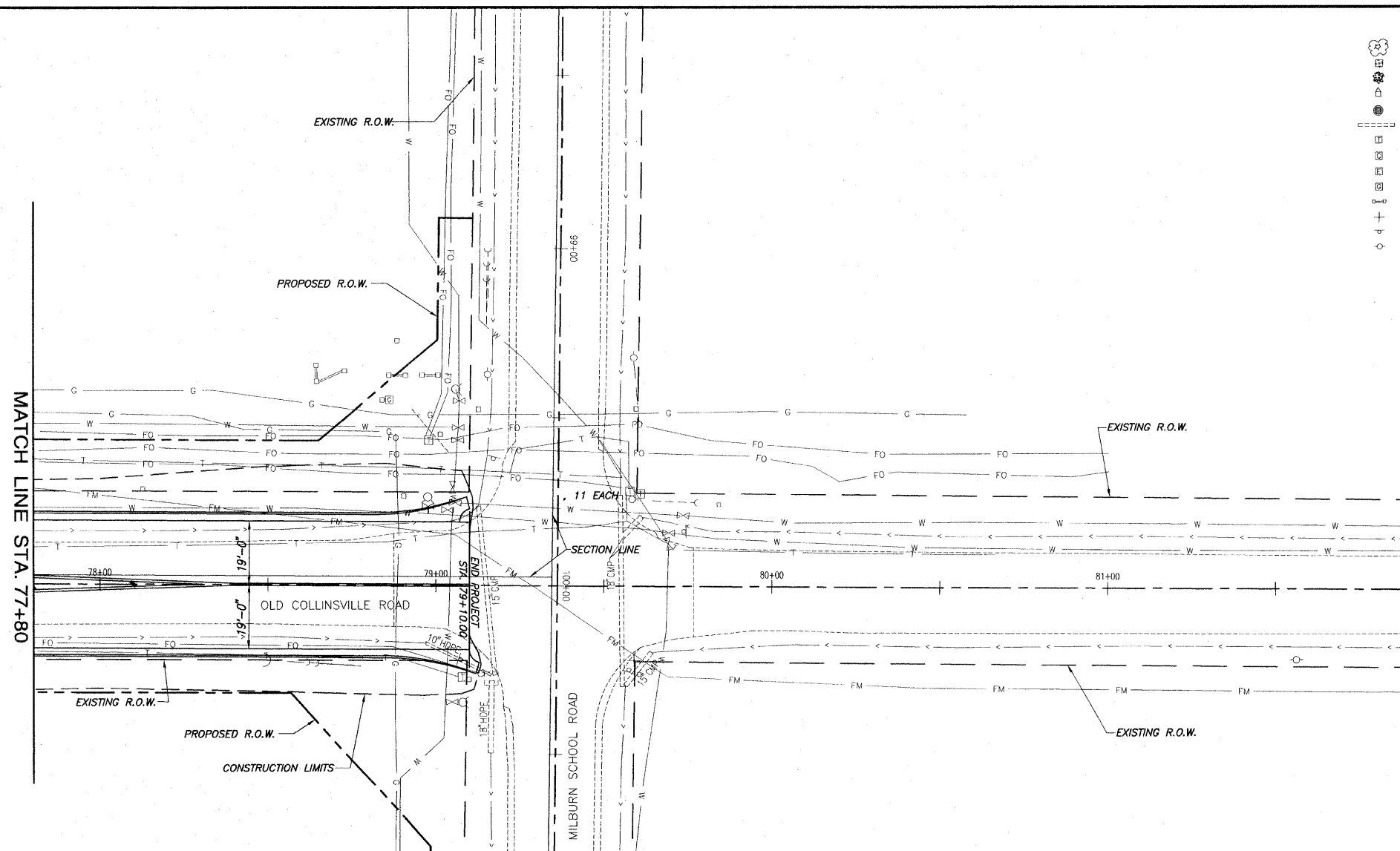
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SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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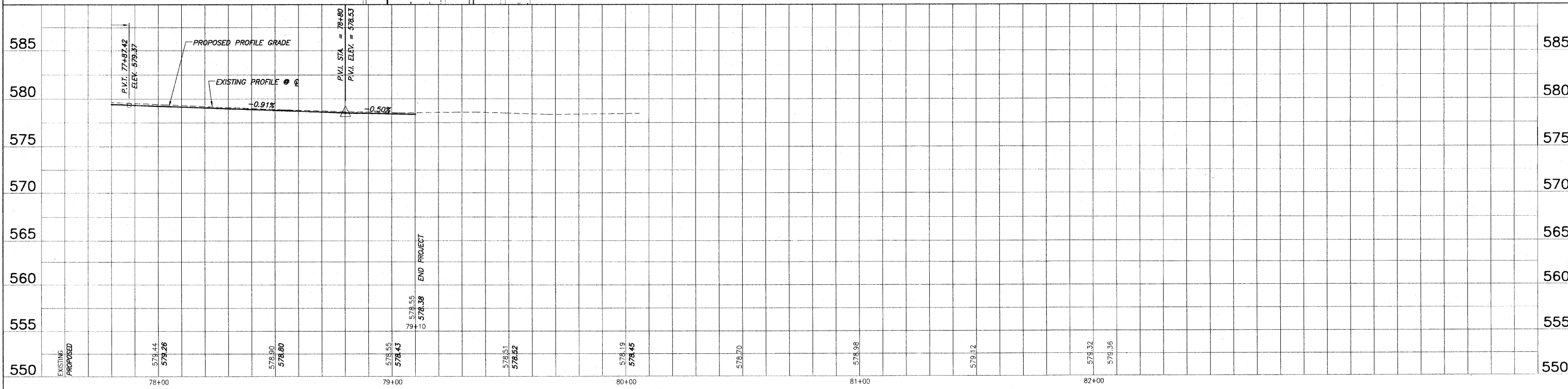
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STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

LEGEND

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		FIBER OPTIC WARNING POST
	STORM INLET		FENCE
	CULVERT		SWALE FLOWLINE
	TELEPHONE PEDESTAL		EDGE OF PAVEMENT
	CABLE TV PEDESTAL		OVERHEAD ELECTRIC
	ELECTRIC PEDESTAL		UNDERGROUND ELECTRIC
	GAS VALVE		UNDERGROUND FIBER OPTIC
	SIGN		UNDERGROUND TELEPHONE
	STREET SIGN		UNDERGROUND GAS MAIN
	ROADWAY/TRAFFIC SIGN		WATER MAIN
	POWER POLE		SANITARY SEWER



SCALE:
 PLAN: 1"=20'
 PROFILE: 1"=20' HORIZ.
 1"=5' VERT.

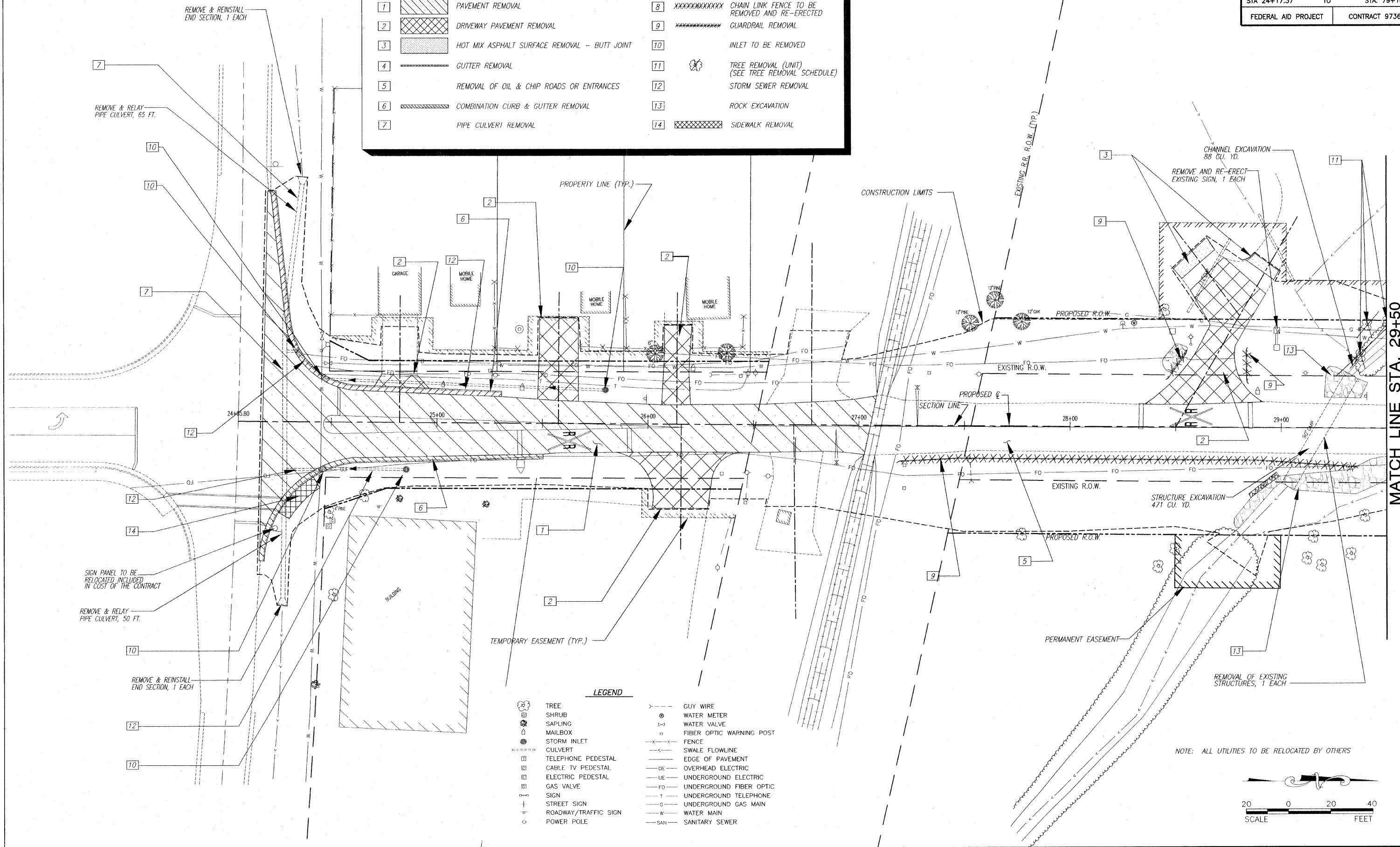


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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	18
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

LEGEND - REMOVAL ITEMS

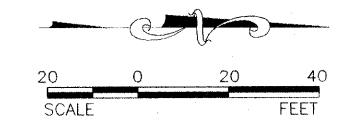
1		PAVEMENT REMOVAL	8	XXXXXXXXXX	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED
2		DRIVEWAY PAVEMENT REMOVAL	9	XXXXXXXXXX	GUARDRAIL REMOVAL
3		HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	10		INLET TO BE REMOVED
4		GUTTER REMOVAL	11		TREE REMOVAL (UNIT) (SEE TREE REMOVAL SCHEDULE)
5		REMOVAL OF OIL & CHIP ROADS OR ENTRANCES	12		STORM SEWER REMOVAL
6		COMBINATION CURB & GUTTER REMOVAL	13		ROCK EXCAVATION
7		PIPE CULVERT REMOVAL	14		SIDEWALK REMOVAL



LEGEND

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		FIBER OPTIC WARNING POST
	STORM INLET		FENCE
	CULVERT		SWALE FLOWLINE
	TELEPHONE PEDESTAL		EDGE OF PAVEMENT
	CABLE TV PEDESTAL		OVERHEAD ELECTRIC
	ELECTRIC PEDESTAL		UNDERGROUND ELECTRIC
	GAS VALVE		UNDERGROUND FIBER OPTIC
	SIGN		UNDERGROUND TELEPHONE
	STREET SIGN		UNDERGROUND GAS MAIN
	ROADWAY/TRAFFIC SIGN		WATER MAIN
	POWER POLE		SANITARY SEWER

NOTE: ALL UTILITIES TO BE RELOCATED BY OTHERS

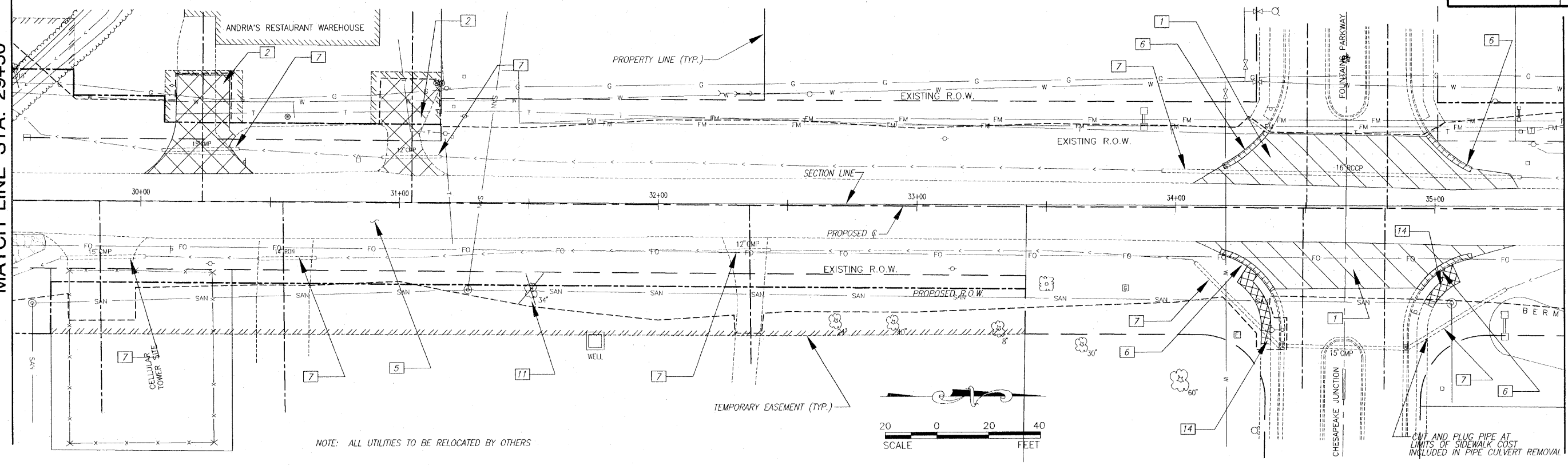


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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	19
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

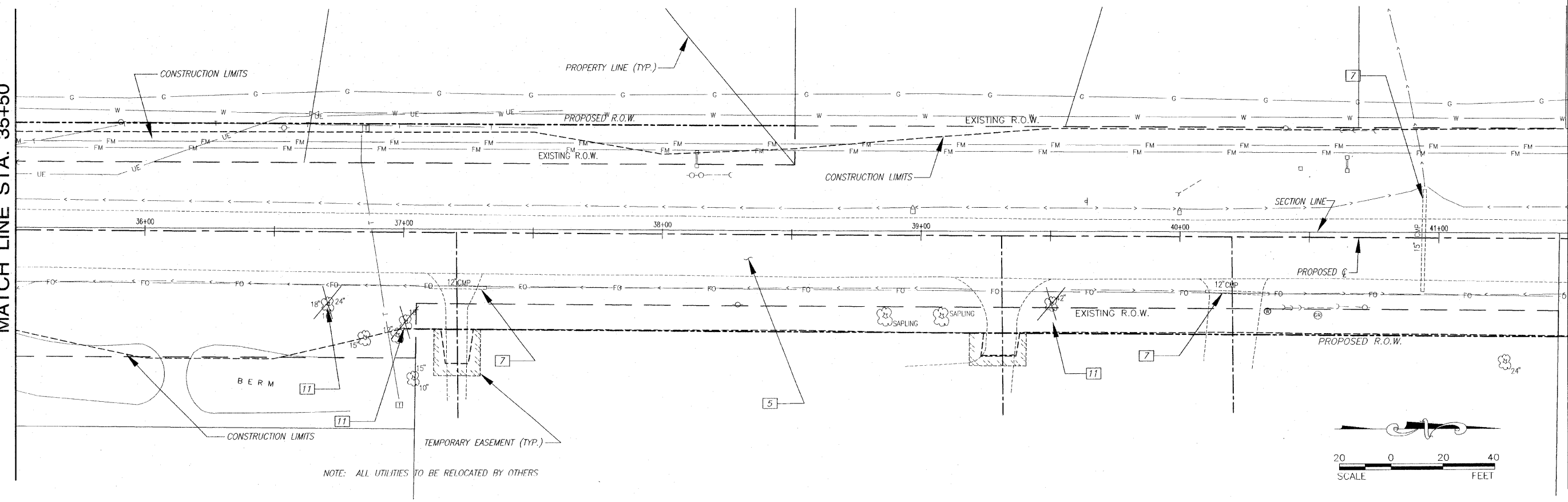
MATCH LINE STA. 29+50

MATCH LINE STA. 35+50



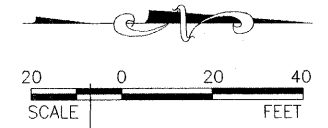
MATCH LINE STA. 35+50

MATCH LINE STA. 41+50



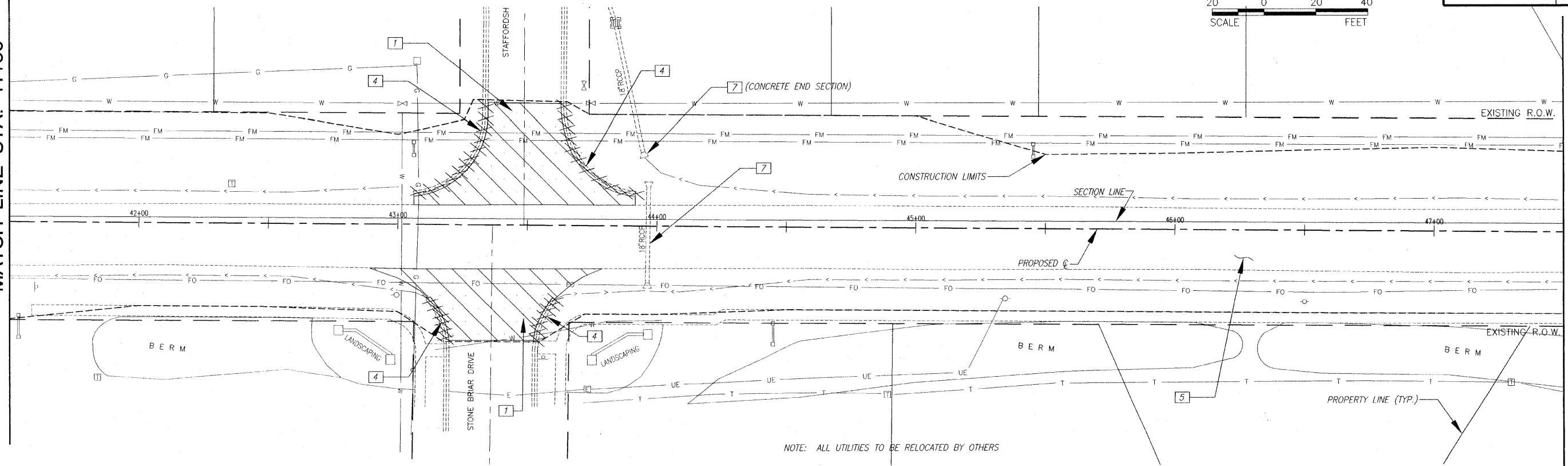
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	20
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		



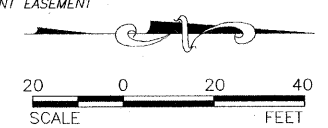
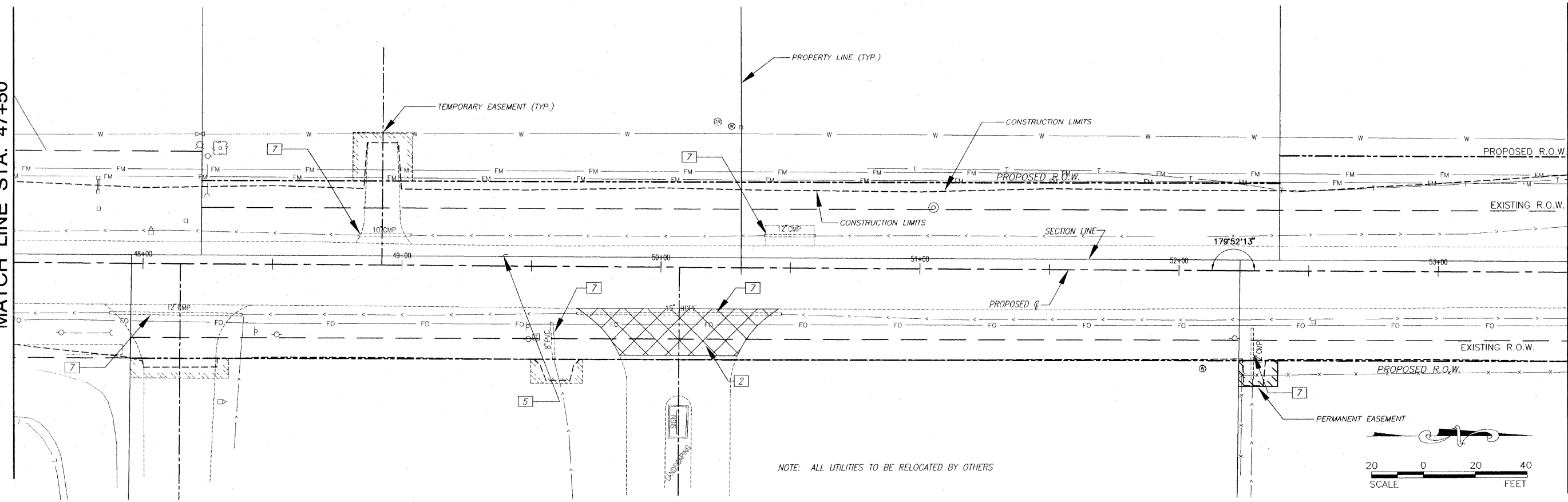
MATCH LINE STA. 41+50

MATCH LINE STA. 47+50



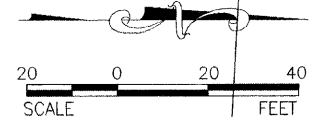
MATCH LINE STA. 47+50

MATCH LINE STA. 53+50



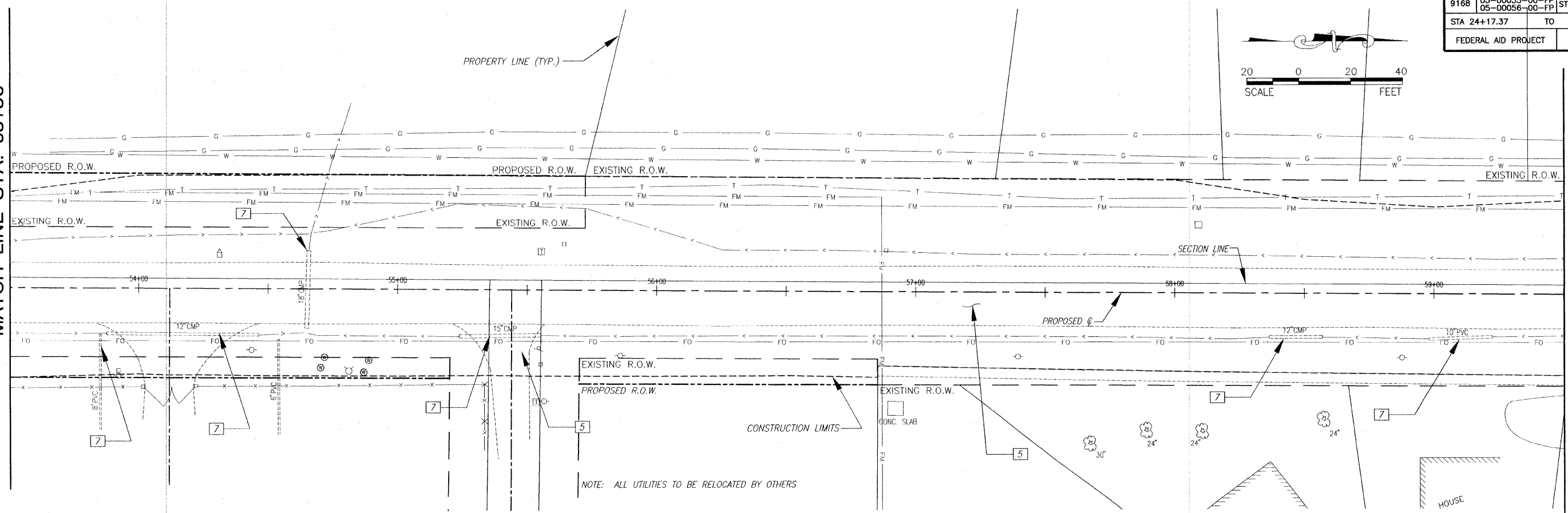
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	21
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	



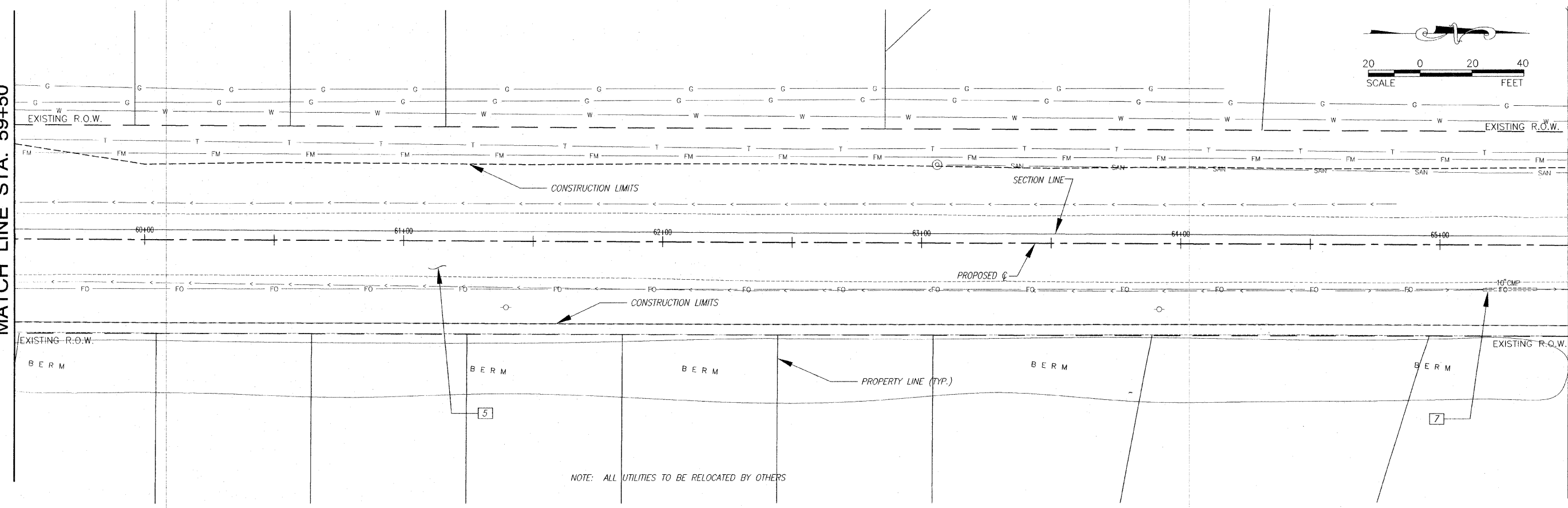
MATCH LINE STA. 53+50

MATCH LINE STA. 59+50



MATCH LINE STA. 59+50

MATCH LINE STA. 65+50



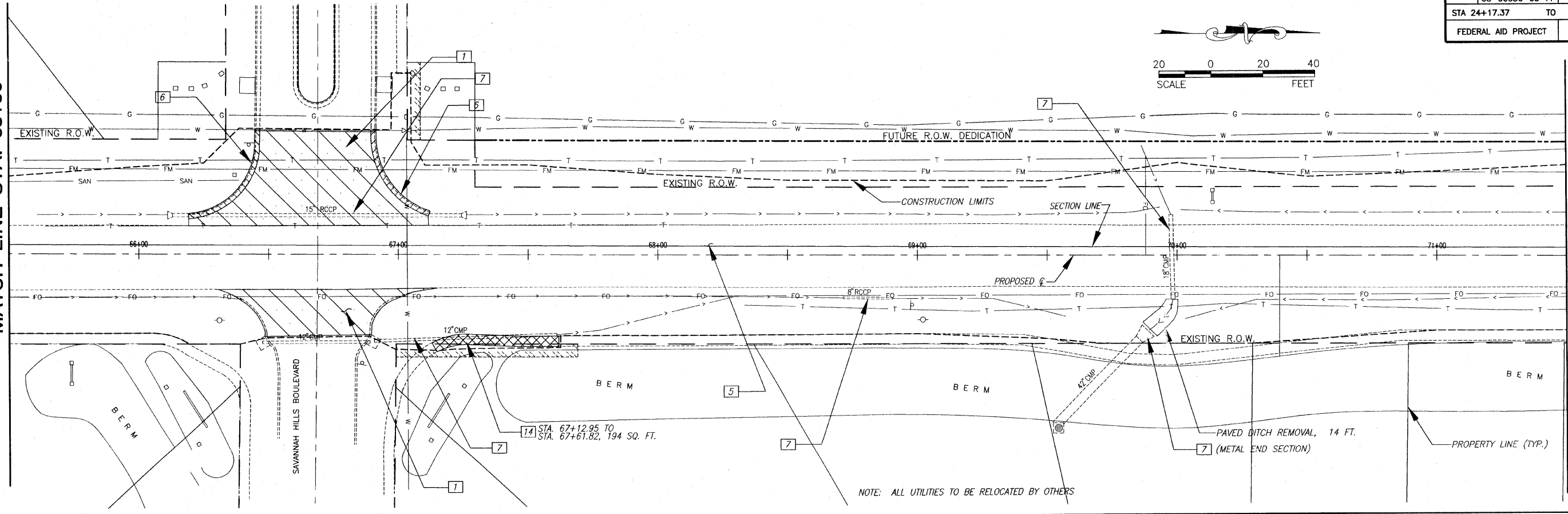
E:\11335 - 07\Plan - 030 Collinville Road\Map10_21_BROADWAY.dwg, 4/17/2009, 1:28:41 PM, Pastero, N.A.L.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	22
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT		CONTRACT 97360		



MATCH LINE STA. 65+50

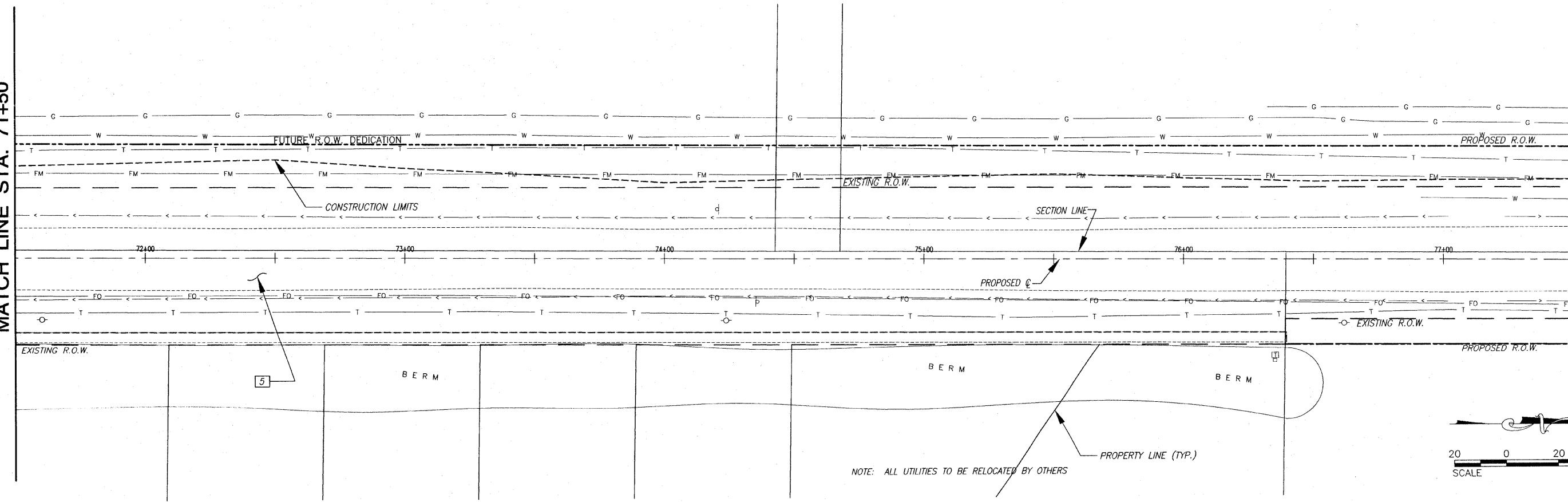
MATCH LINE STA. 71+50



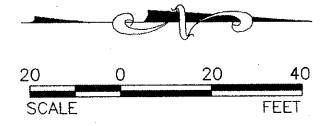
NOTE: ALL UTILITIES TO BE RELOCATED BY OTHERS

MATCH LINE STA. 71+50

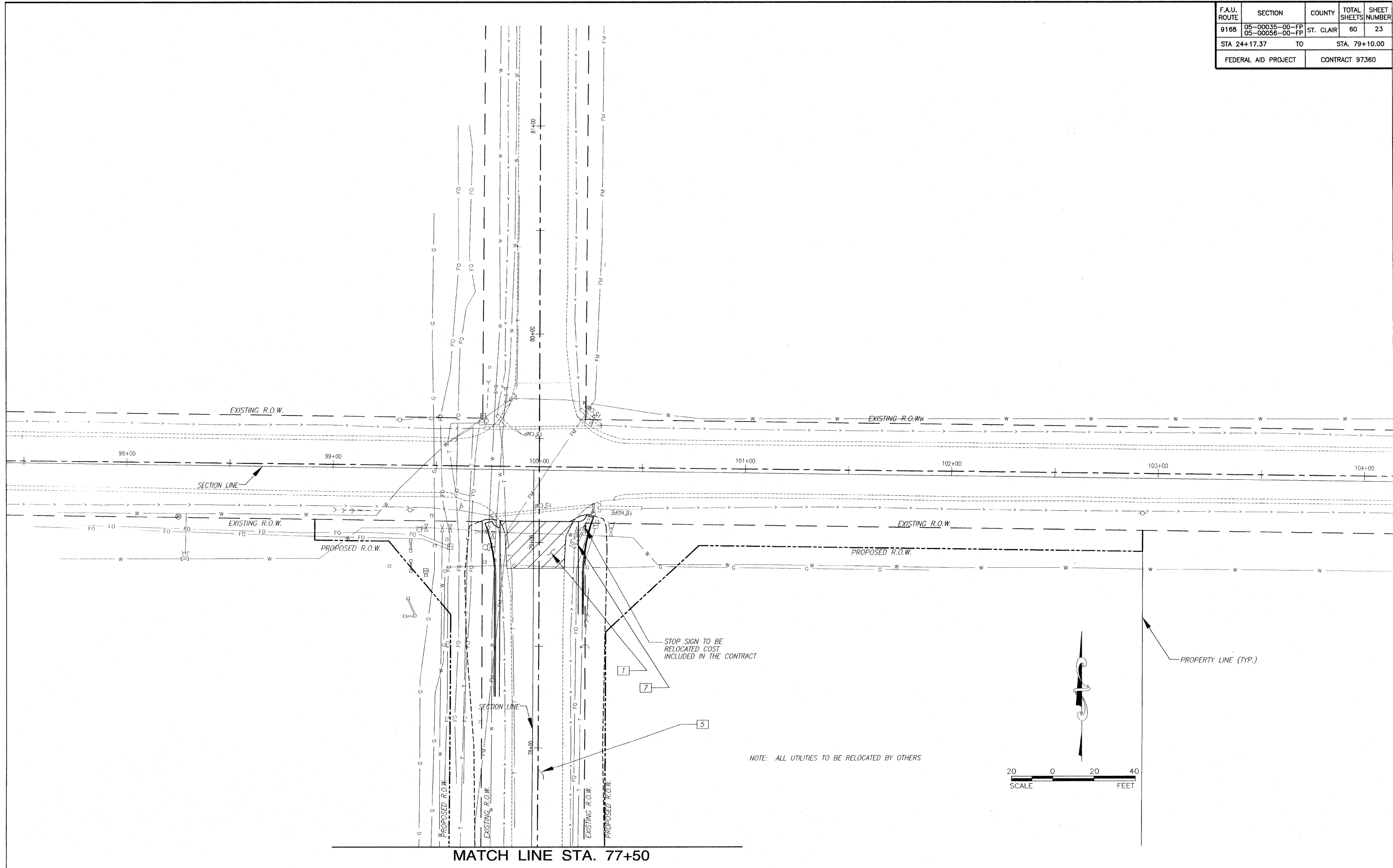
MATCH LINE STA. 77+50



NOTE: ALL UTILITIES TO BE RELOCATED BY OTHERS



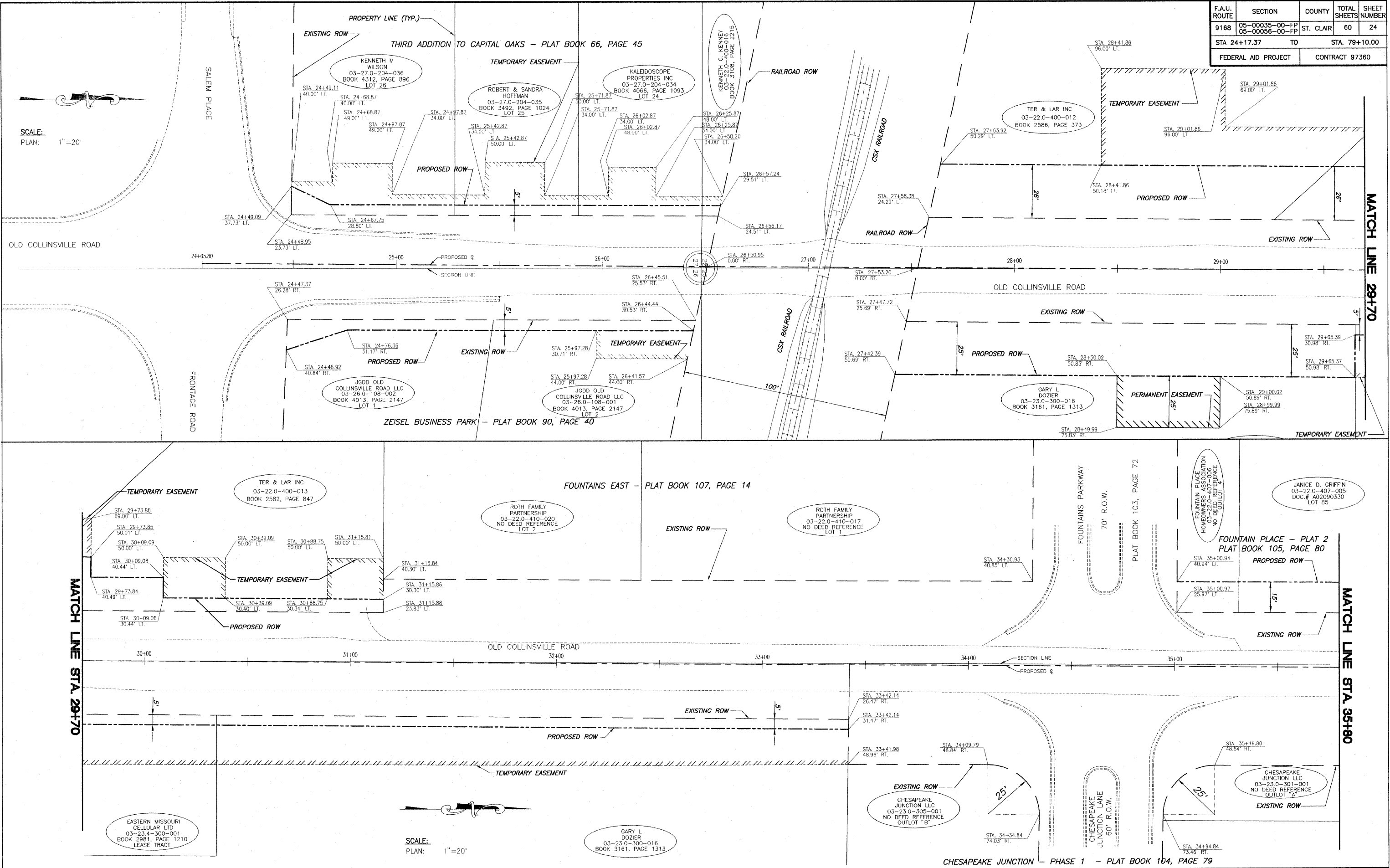
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	23
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	



MATCH LINE STA. 77+50

E:\11001-01\Plan - Cd Collinsville Road\11001_01_Plan.dwg, 1/23/03 10:23 AM, RWS/MLL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	24
STA 24+17.37 TO STA 79+10.00			FEDERAL AID PROJECT CONTRACT 97360	



RIGHT-OF-WAY PLAN OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

E:\11305_079\11305_079.dwg, 24 Collinsville Road, 11/20/03 11:27:28 AM, Revise: 11/24/03

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	25
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		



SCALE:
PLAN: 1"=20'

JANICE D. GRIFFIN
03-22.0-407-005
DOC.# A02090330
LOT 85

HATTI M. LOCKHART &
CHARLES L. VAUGHN
03-22.0-406-019
DOC.# A01999228
LOT 86

DELIZ MICHEL
03-22.0-406-018
DOC.# A02063151
LOT 87

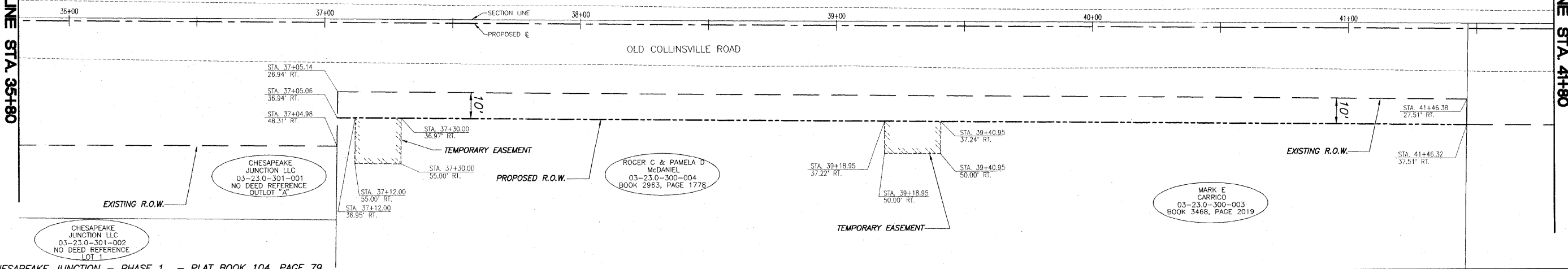
PATTI A. OLIVER
03-22.0-406-058
DOC.# A02066090
LOT 147

VANTAGE HOMES
OF ILLINOIS LLC
03-22.0-406-059
DOC.# A02090834
LOT 148

VANTAGE
DEVELOPMENT CO
03-22.0-406-060
NO DEED REFERENCE
LOT 149

MATCH LINE STA. 35+80

MATCH LINE STA. 41+80



CHESAPEAKE JUNCTION - PHASE 1 - PLAT BOOK 104, PAGE 79



SCALE:
PLAN: 1"=20'

VANTAGE
DEVELOPMENT CO
03-22.0-406-061
NO DEED REFERENCE
LOT 150

VANTAGE
DEVELOPMENT CO
03-22.0-406-062
NO DEED REFERENCE
LOT 151

VANTAGE
DEVELOPMENT CO
03-22.0-405-021
NO DEED REFERENCE
LOT 152

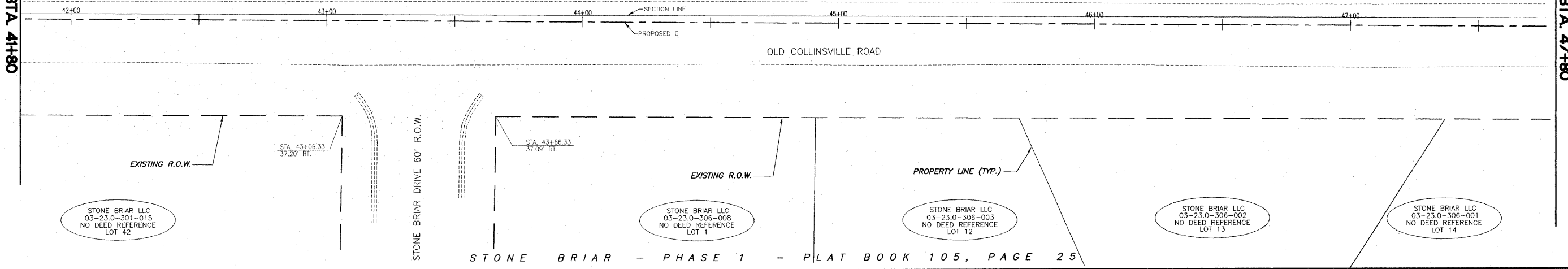
VANTAGE
DEVELOPMENT CO
03-22.0-405-020
NO DEED REFERENCE
LOT 153

VANTAGE
DEVELOPMENT CO
03-22.0-405-019
NO DEED REFERENCE
LOT 154

VANTAGE
DEVELOPMENT CO
03-22.0-405-018
NO DEED REFERENCE
LOT 155

MATCH LINE STA. 41+80

MATCH LINE STA. 47+80



STONE BRIAR - PHASE 1 - PLAT BOOK 105, PAGE 25

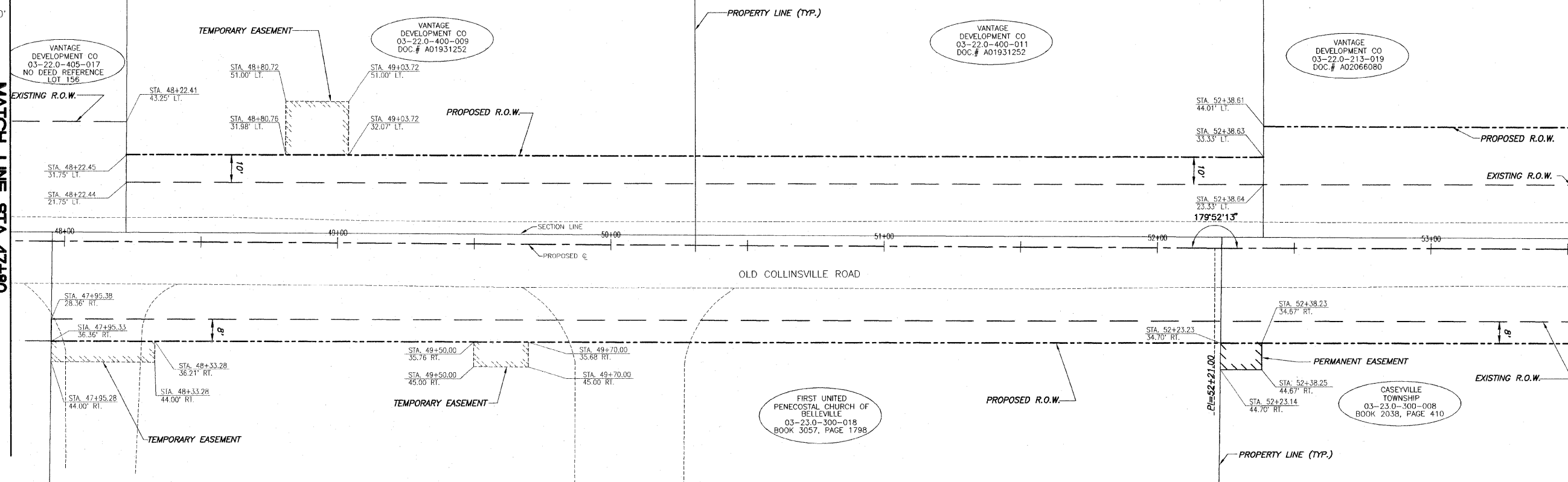
E:\11305 - 07\plan - Old Collinsville Road\11305.dwg, 1/17/2008 1:58:02 PM, Plotted by: M.A.L.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	26
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

SCALE:
PLAN: 1" = 20'

MATCH LINE STA. 47+80

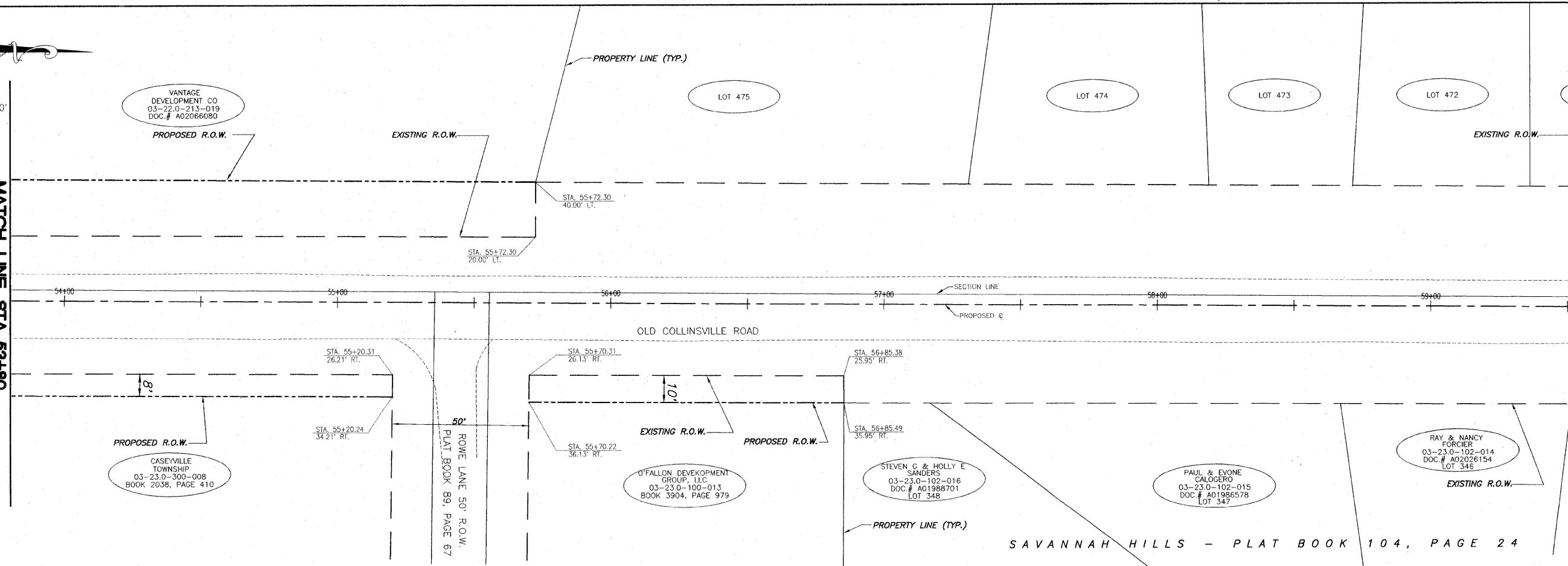
MATCH LINE STA. 53+80



SCALE:
PLAN: 1" = 20'

MATCH LINE STA. 53+80

MATCH LINE STA. 59+80



SAVANNAH HILLS - PLAT BOOK 104, PAGE 24

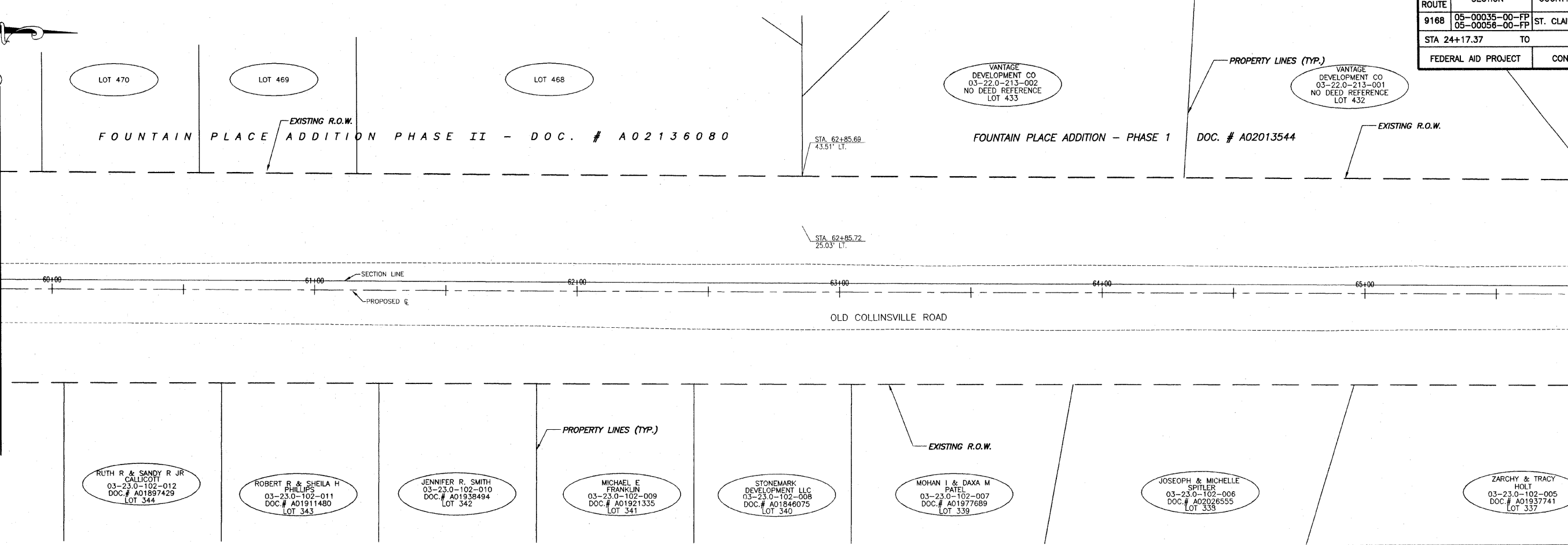
E:\11301_01\Drawings\05-Collinsville\Road\05-00035-00-FP.dwg, 4/7/2009, 1:38:46 PM, Modified by: M.A.L.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	27
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

SCALE:
PLAN: 1"=20'

MATCH LINE STA. 59+80

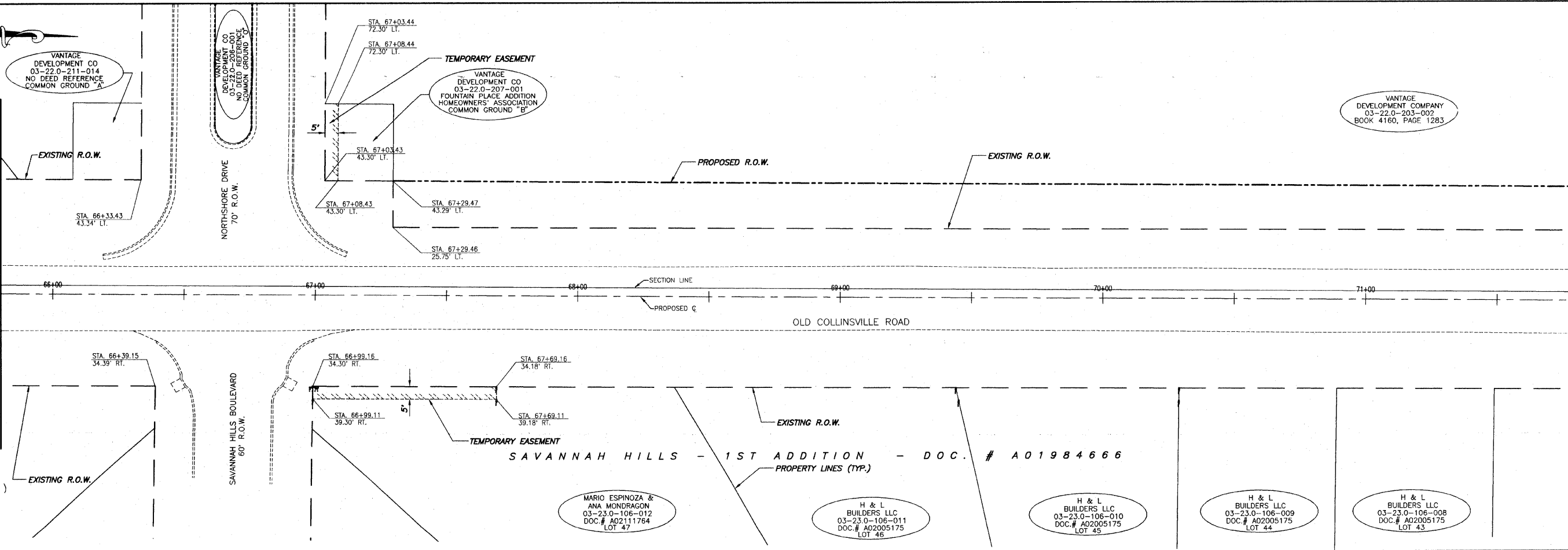
MATCH LINE STA. 65+80



SCALE:
PLAN: 1"=20'

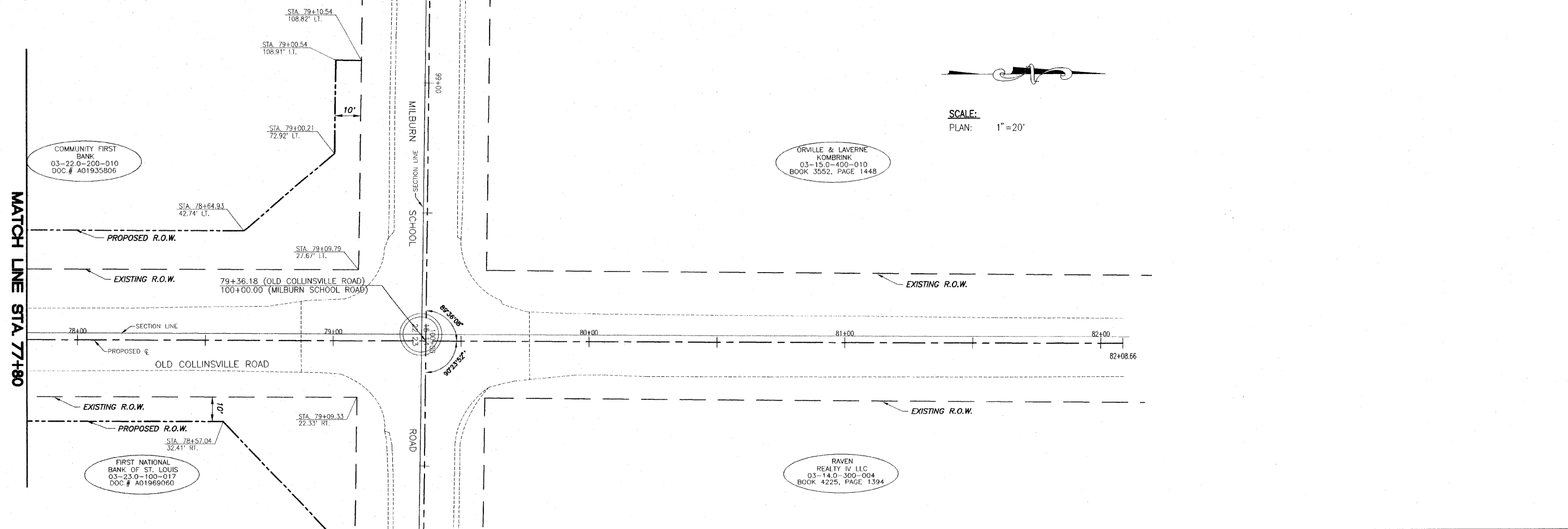
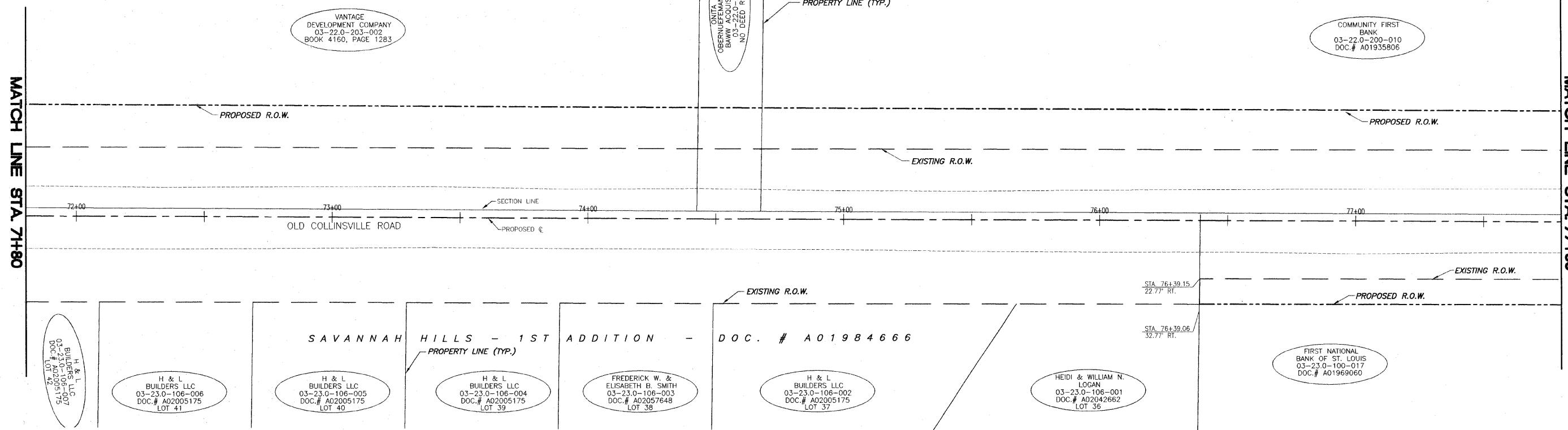
MATCH LINE STA. 65+80

MATCH LINE STA. 71+80



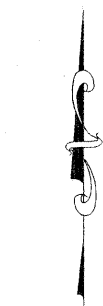
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	28
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

SCALE:
PLAN: 1" = 20'

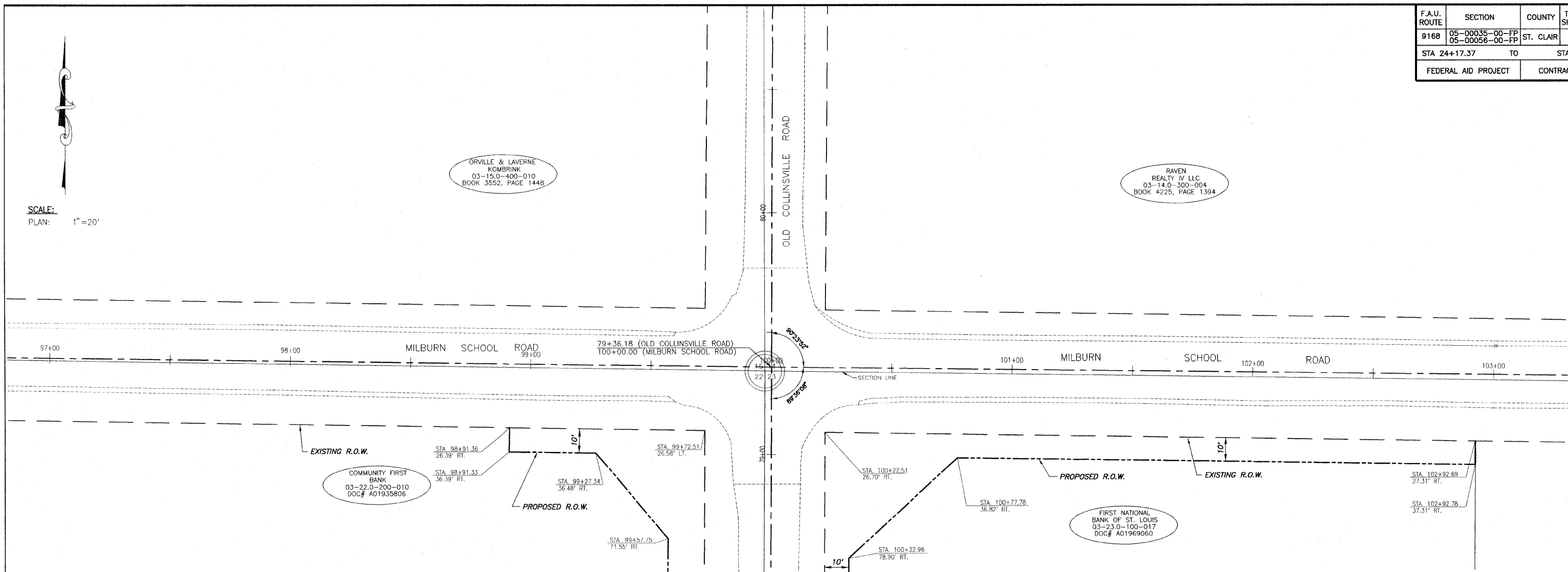


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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	29
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT			CONTRACT 97360	



SCALE:
PLAN: 1" = 20'



E:\1335 - Old Collinsville Road\1335.dwg, 4/22/09 3:59:17 PM, Revised by WKL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
916B	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	30
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

MAINTENANCE OF TRAFFIC AND SEQUENCE OF CONSTRUCTION

GENERAL

THE CONTRACTOR SHALL USE TYPE III BARRICADES WITH FLASHING LIGHTS AND SIGNS "ROAD CLOSED TO THRU TRAFFIC" (R11-4) AT ALL CLOSURE POINTS. "ROAD CONSTRUCTION AHEAD" (W20-1(O)) AND "ROAD CLOSED AHEAD" (W20-3(O)) WARNING SIGNS WITH FLASHING LIGHTS SHALL BE PLACED IN CONFORMANCE WITH STANDARD BLR 22-6 AND AS DIRECTED BY THE ENGINEER TO ACCOMMODATE FIELD CONDITIONS. INITIAL WARNING SIGNS ON SALEM PLACE/FRONTAGE ROAD AND MILBURN SCHOOL ROAD SHALL HAVE FLASHING LIGHTS.

STAGE I

OLD COLLINSVILLE ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 24+15.60 TO STA. 28+10. THE CONTRACTOR MUST PROVIDE RAILROAD RIGHT-OF-WAY ENTRY AND ACCESS TO ALL OTHER PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL ALSO COORDINATE DRIVEWAY PAVEMENT CONSTRUCTION WITH PLUMBER'S SUPPLY SO THAT PRODUCT DELIVERIES CAN BE MAINTAINED. UPON COMPLETION OF STAGE I, THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY RAMP FROM STA. 28+10 TO THE ANDRIA'S RESTAURANT ENTRANCE. THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL DEVICES AS SET FORTH IN THE AGREEMENT WITH CSXT CORPORATION INCLUDED WITH THIS CONTRACT. TYPE III BARRICADES WILL BE STATIONED ACROSS THE ROADWAY ON BOTH SIDES OF THE TRACK TO PREVENT TRACK CROSSING AT ALL TIMES.

STAGE II

OLD COLLINSVILLE ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 28+10 TO STA. 39+00. THE CONTRACTOR MUST PROVIDE ACCESS TO THE PROPERTIES SOUTH OF FOUNTAINS PARKWAY/CHESAPEAKE JUNCTION AT ALL TIMES. CHESAPEAKE JUNCTION ACCESS WILL BE MAINTAINED THRU THE ADJOINING SUBDIVISION. THE CONTRACTOR SHALL ALSO COORDINATE DRIVEWAY PAVEMENT CONSTRUCTION WITH ANDRIA'S STEAK SAUCE CO. SO THAT PRODUCT DELIVERIES CAN BE MAINTAINED.

STAGE III

OLD COLLINSVILLE ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 39+00 TO STA. 54+50. ACCESS TO THE PRIVATE ENTRANCE AT STA. 48+92.31 AND TO THE CHURCH ON KILDEA LANE WILL BE MADE THRU THE SUBDIVISION VIA RIDGE POINTE DRIVE, STAFFORDSHIRE LANE AND STONE BRIAR DRIVE ACCESS WILL BE AVAILABLE THRU INTERCONNECTED SUBDIVISION TRAVEL. THE CONTRACTOR SHALL NOTIFY CASEYVILLE TOWNSHIP MAINTENANCE WHEN WORK WILL BE PERFORMED ON THEIR ENTRANCE SO TRAFFIC CAN BE ROUTED ONTO ROWE LANE AFTER THE NECESSARY FENCE REMOVAL.

STAGE IV

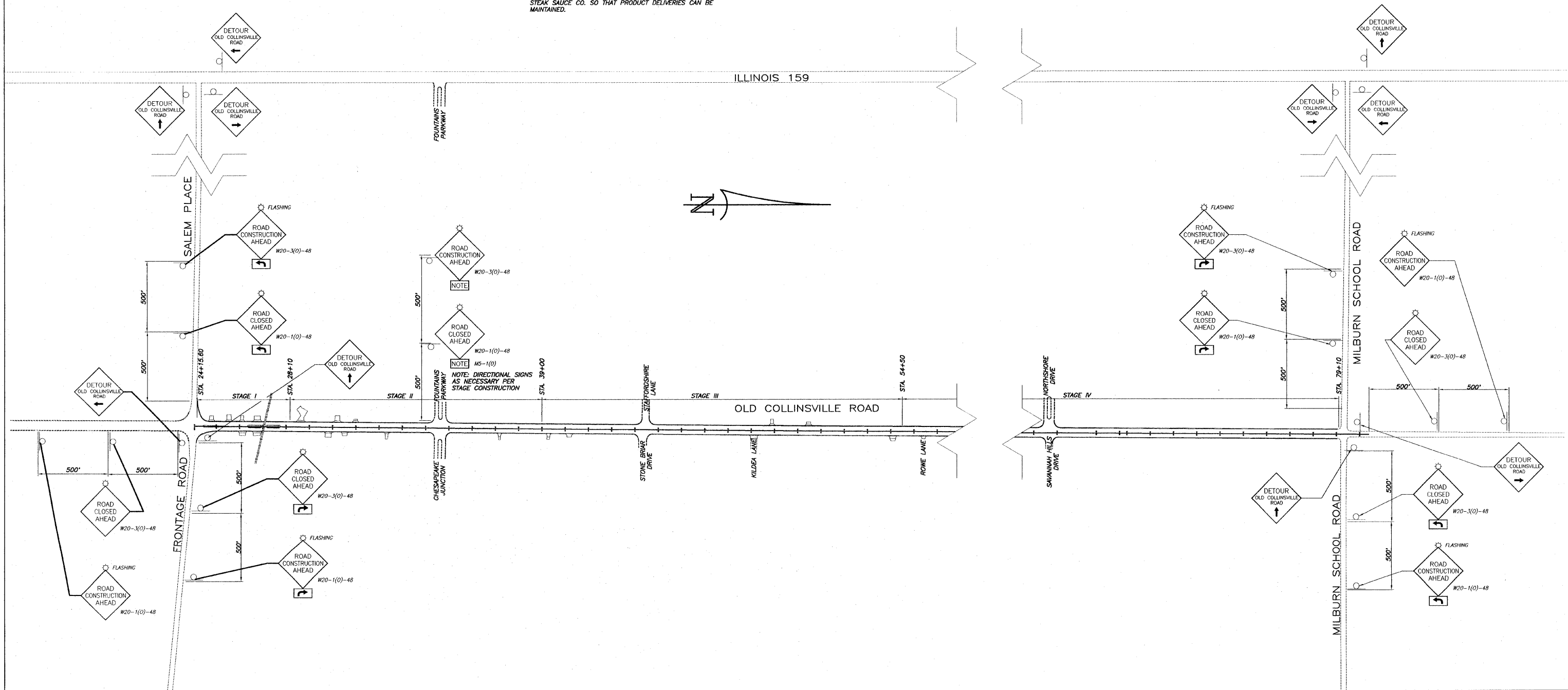
OLD COLLINSVILLE ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 54+50 TO STA. 79+10. THE CONTRACTOR MUST PROVIDE ACCESS TO ROWE LANE AT ALL TIMES. ACCESS TO NORTHSORE DRIVE AND SAVANNAH HILLS DRIVE WILL BE MAINTAINED THRU ADJOINING SUBDIVISION TRAVEL OR THRU OUTLETS ONTO MILBURN SCHOOL ROAD

STAGE V

THE CONTRACTOR SHALL CONSTRUCT THE FINAL SURFACE COURSE LIFT UNDER TRAFFIC UTILIZING THE APPLICABLE SECTIONS FOR STANDARDS 701306 AND 701502.

NOTES:

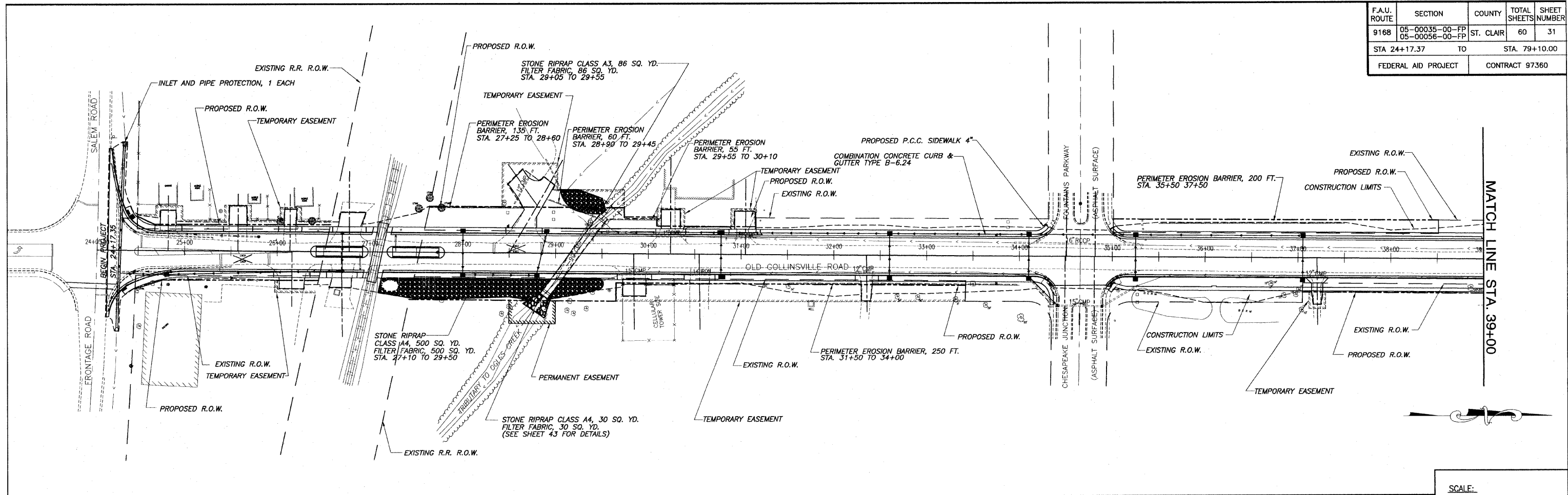
- 1.) THE CONTRACTOR SHALL COORDINATE WORK IN STAGE I WITH RAILROAD CROSSING RECONSTRUCTION BY CSXT PERSONNEL.
- 2.) SHORT-TERM PAVEMENT MARKING SHALL BE INSTALLED AT THE END OF EACH STAGE BEFORE THE ROAD IS OPEN TO TRAFFIC. TEMPORARY PAVEMENT MARKING SHALL BE INSTALLED PER SECTION 703.
- 3.) WORK ON NON-ADJOINING STAGES MAY ALSO BE PERFORMED AT THE SAME TIME.



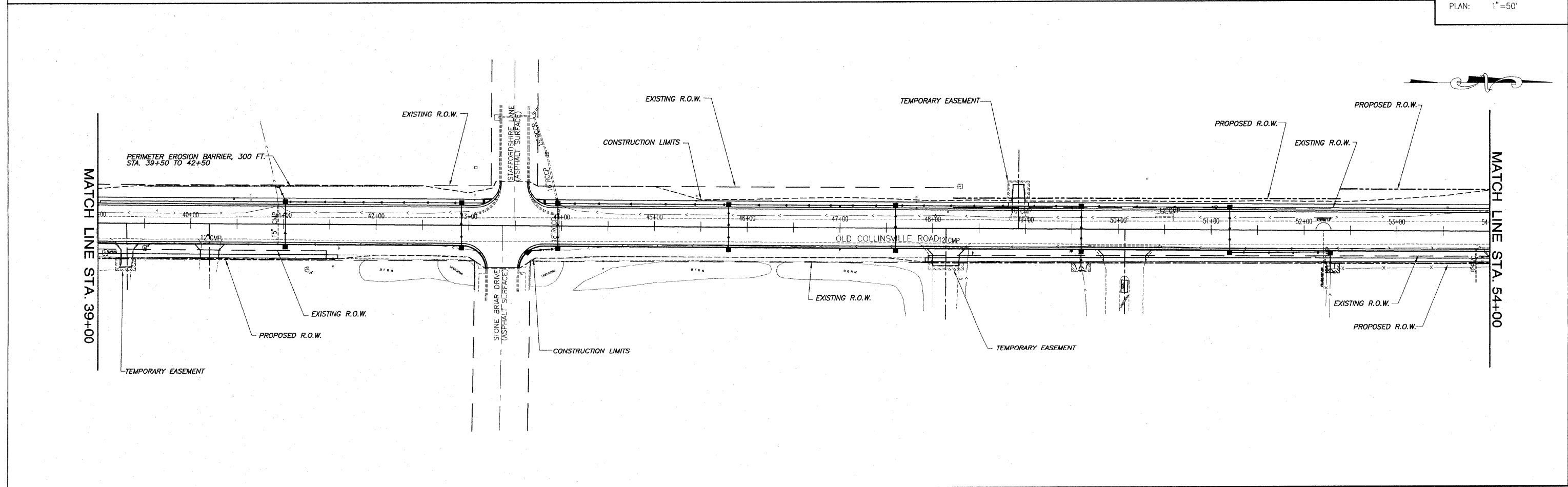
TRAFFIC CONTROL DETAIL OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

E:\1105 - 07\plan - old collinsville road\plan\10 - traffic control.dwg, 11/17/2006 4:47:28 PM, Revised by M.A.L.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	31
STA 24+17.37		TO		STA. 79+10.00
FEDERAL AID PROJECT			CONTRACT 97360	



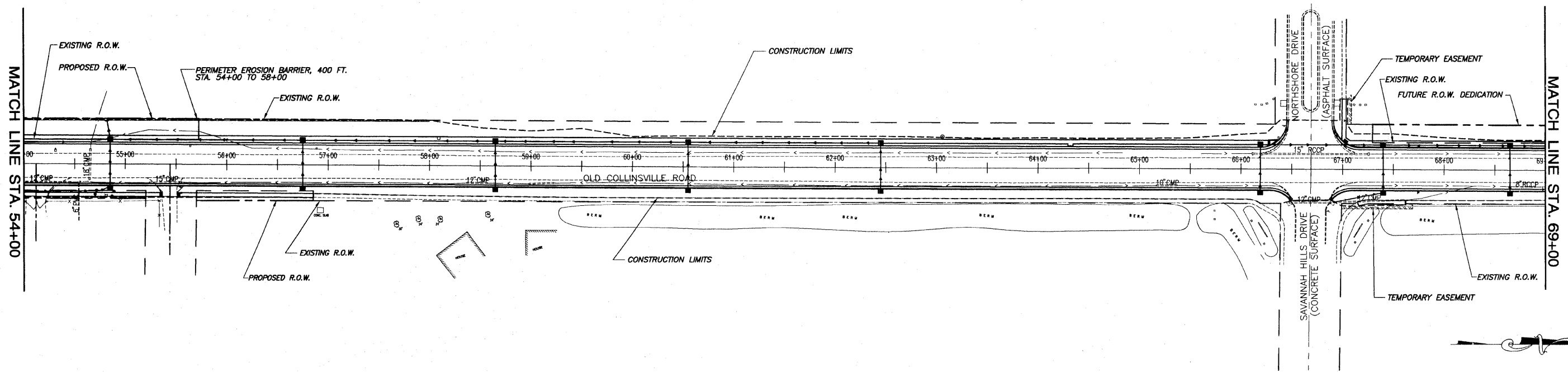
SCALE:
PLAN: 1"=50'



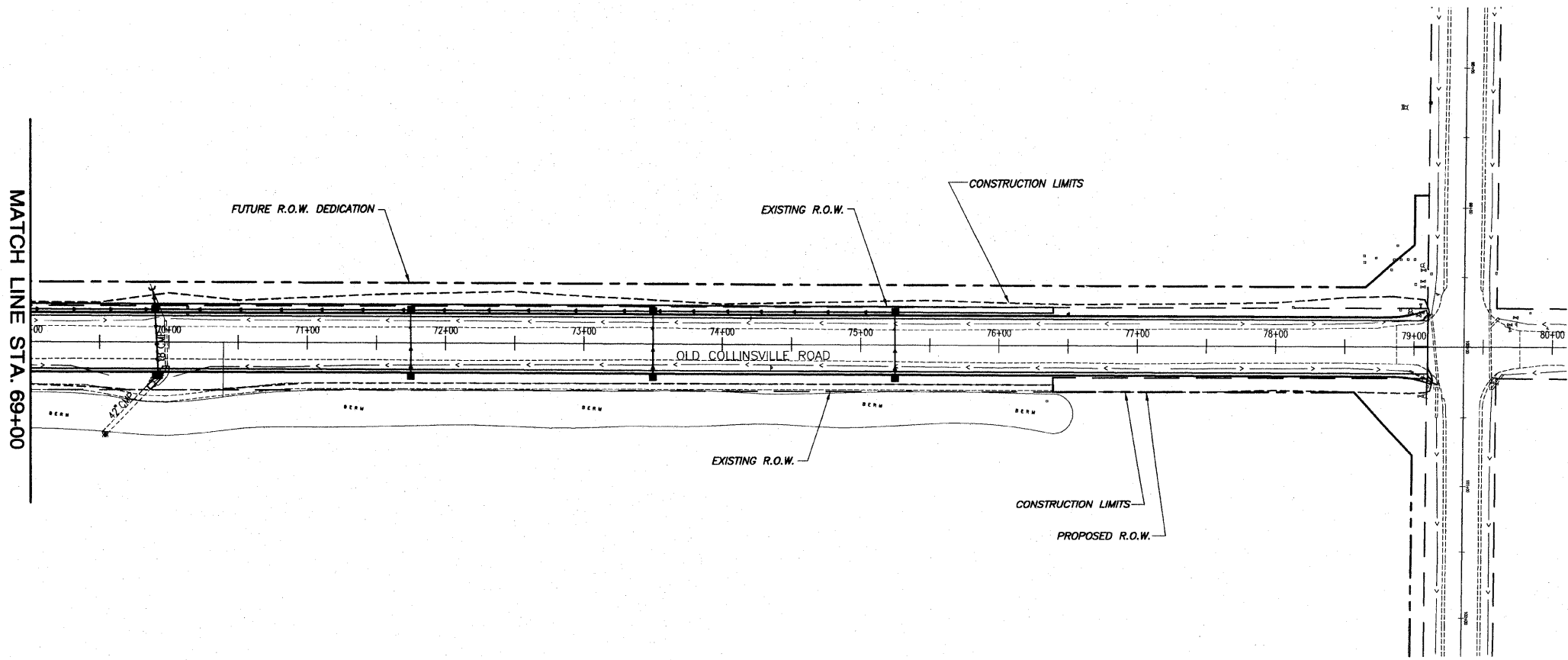
EROSION CONTROL PLAN OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

E:\11205 - 01.dwg - 05-00035-00-FP.dwg, 5/12/2010 11:28:14 AM, P:\11205 - 01.dwg

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	32
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		



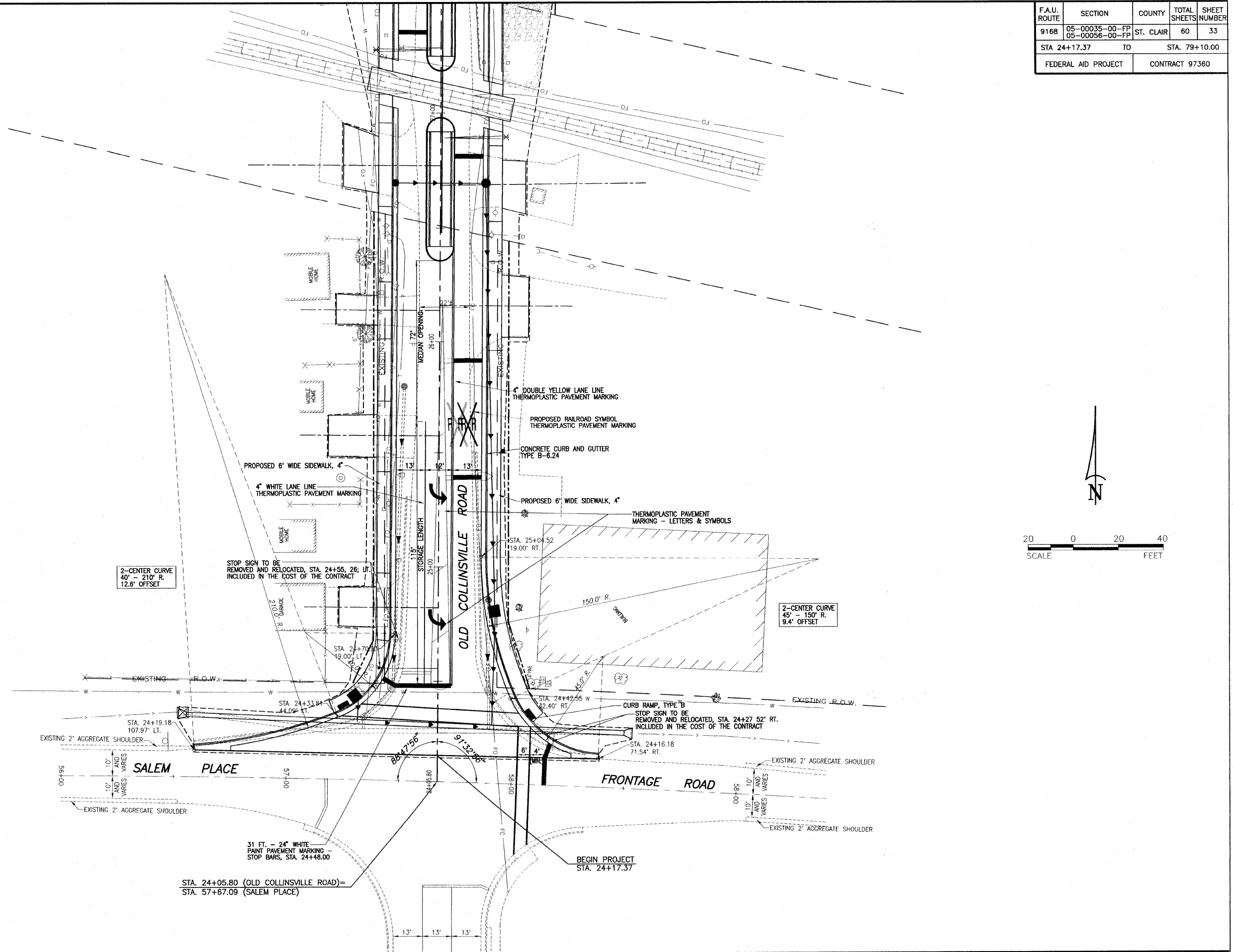
SCALE:
PLAN: 1" = 50'



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	33
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT		CONTRACT 97360		

PAVEMENT EDGE ELEVATIONS WITH OFFSETS

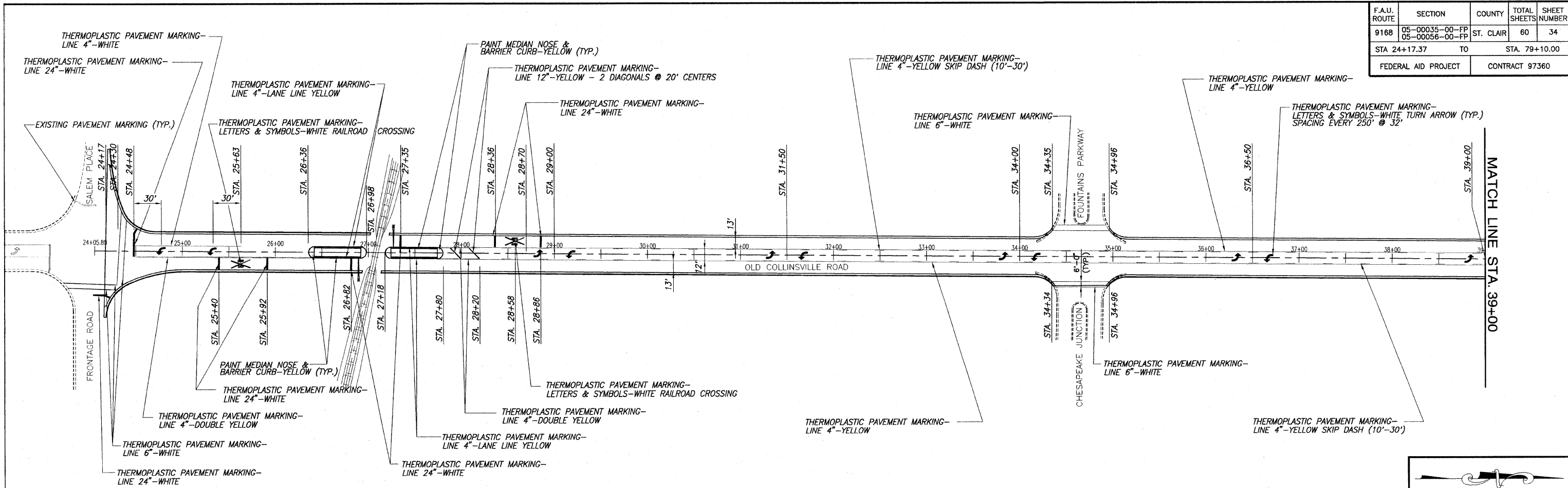
STATION	ELEVATION	OFFSET	PAVEMENT CROSS SLOPE
24+64L	566.07	19.6'	-1.50%
24+60L	566.02	20.5'	-1.34%
24+50L	565.99	24.9'	-0.94%
24+40L	565.94	33.6'	-0.54%
24+30L	565.95	54.4'	-0.14%
24+26.2R	565.31	45.1'	-1.50%
24+20L	566.19	98.9'	+0.26%
24+20R	565.24	55.15'	-1.25%
PWMT. STUB L	566.23	108.0'	MATCH EXISTING
PWMT. STUB R	564.76	71.5'	MATCH EXISTING



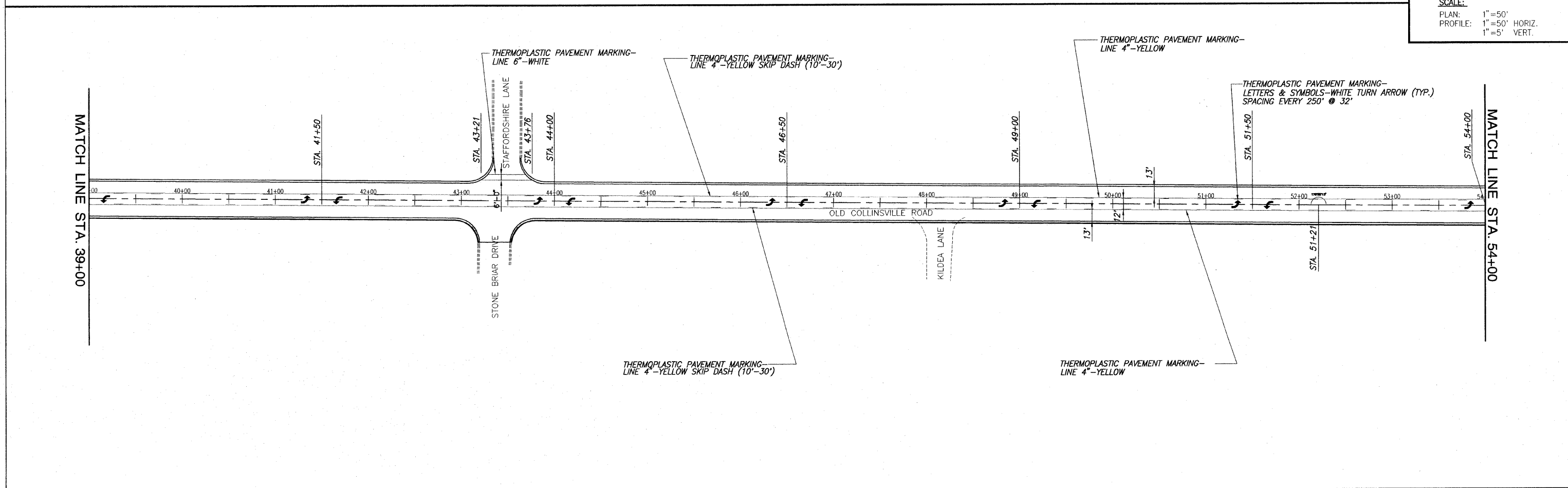
INTERSECTION DETAIL OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

E:\1035 - Old Collinsville Road\1035_INTERSECTION DETAIL.dwg, 4/10/2013 1:54:45 PM, PLOT: 14.14

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	34
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		

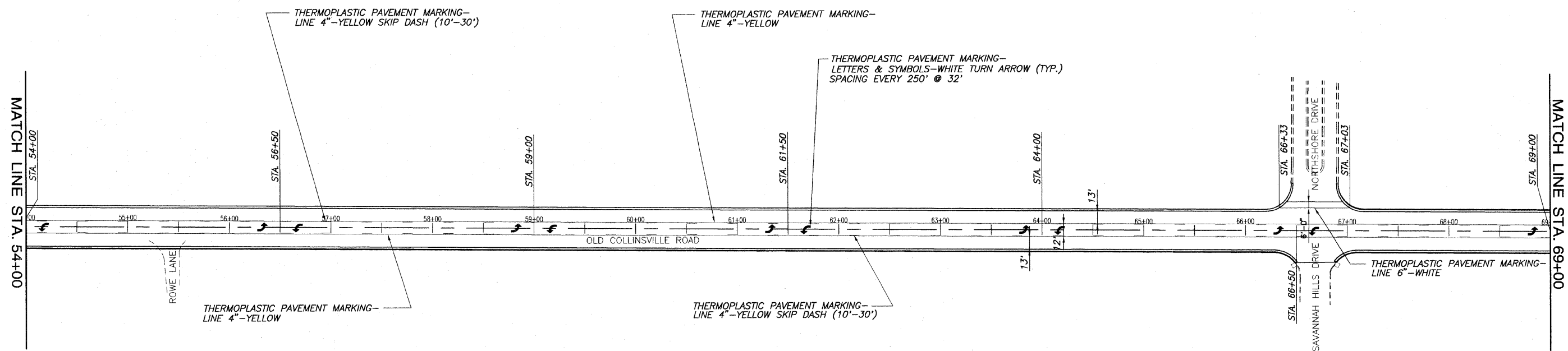


SCALE:
 PLAN: 1" = 50'
 PROFILE: 1" = 50' HORIZ.
 1" = 5' VERT.

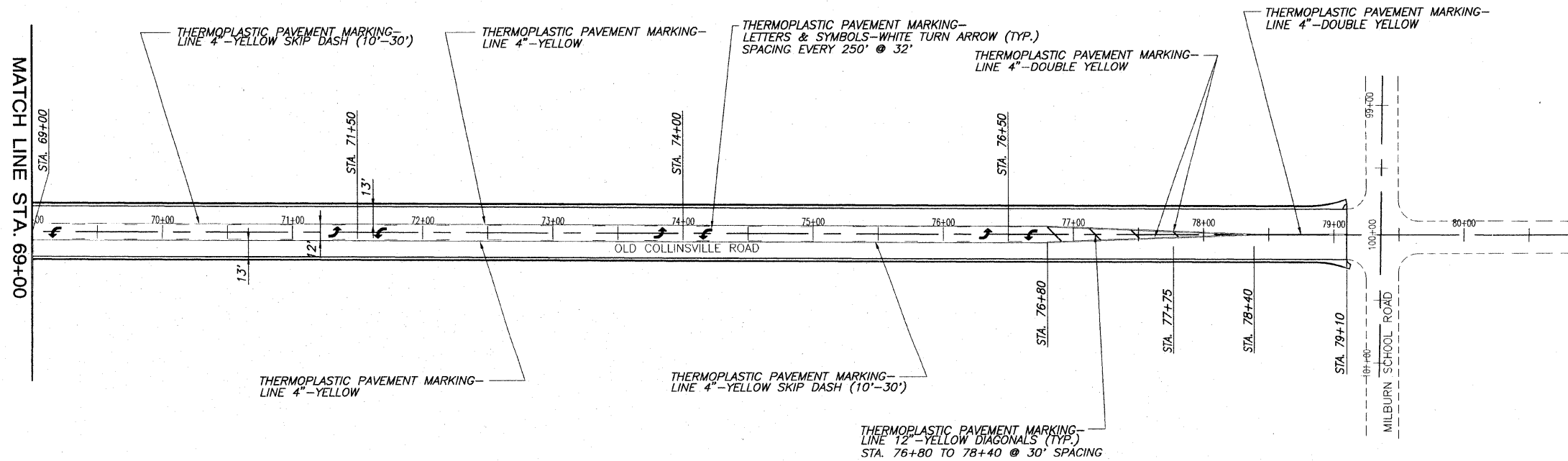


E:\1125 - 11th - 05 Collinsville Road.dwg, 4/20/03 15:11:44, Plotted by NAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	35
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	



SCALE:
 PLAN: 1" = 50'
 PROFILE: 1" = 50' HORIZ.
 1" = 5' VERT.



E:\1125 - 17160 - Old Collinsville Road\035_PAVEMENT MARKING.dwg 4/17/2001 1:51:11 PM [Name].dwg

EXISTING STRUCTURE: THE EXISTING STRUCTURE CONSISTS OF A 90" CMP CULVERT. THE EXISTING STRUCTURE SHALL BE REMOVED AND REPLACED WITH A PRECAST SINGLE BARREL 9'x6' BOX CULVERT UTILIZING STAGED ROAD CLOSURES.

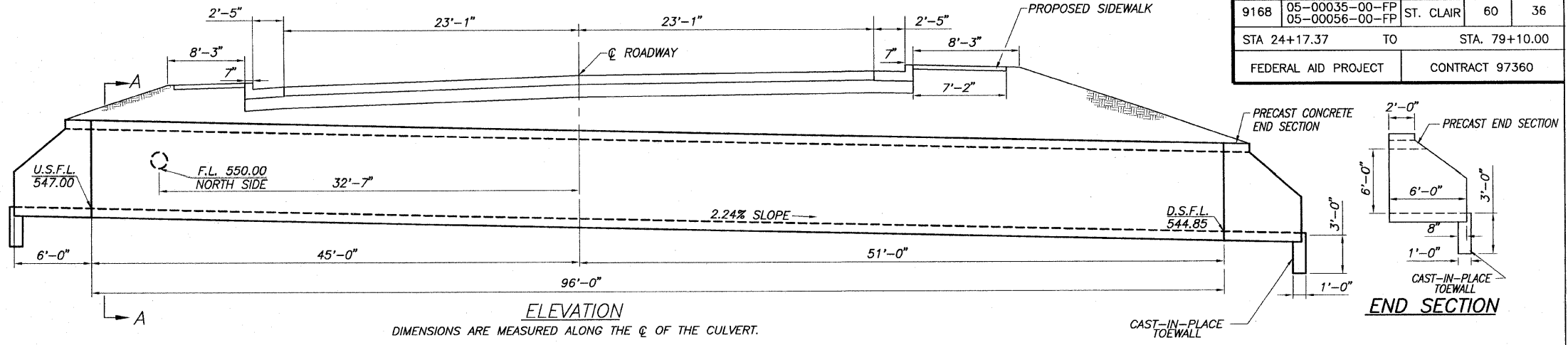
GENERAL NOTES

THIS BOX CULVERT HAS A FILL HEIGHT OF 5'-8". THE PRECAST BOX CULVERT SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO M 259 EXCEPT THAT THE AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1003.02 AND 1004.02 OF THE STANDARD SPECIFICATIONS WITH EXCEPTION OF "GRADATION."

THE LAYOUT OF SLOPE PROTECTION MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

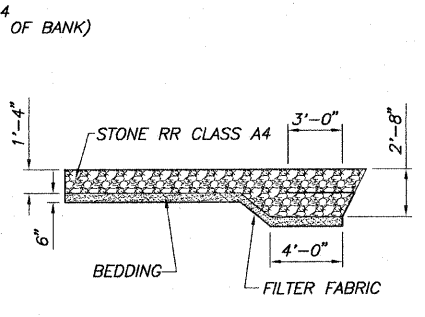
THE CAST-IN-PLACE TOEWALL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR "BOX CULVERTS END SECTION". APPROXIMATELY 1.8 CU. YD. OF CONCRETE WILL BE NEEDED.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	36
STA 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		



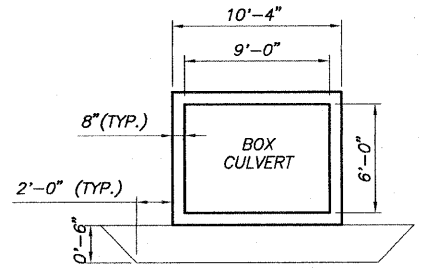
ELEVATION
DIMENSIONS ARE MEASURED ALONG THE ϕ OF THE CULVERT.

BOX CULVERT DETAIL
N.T.S.
STATION 29+19.30

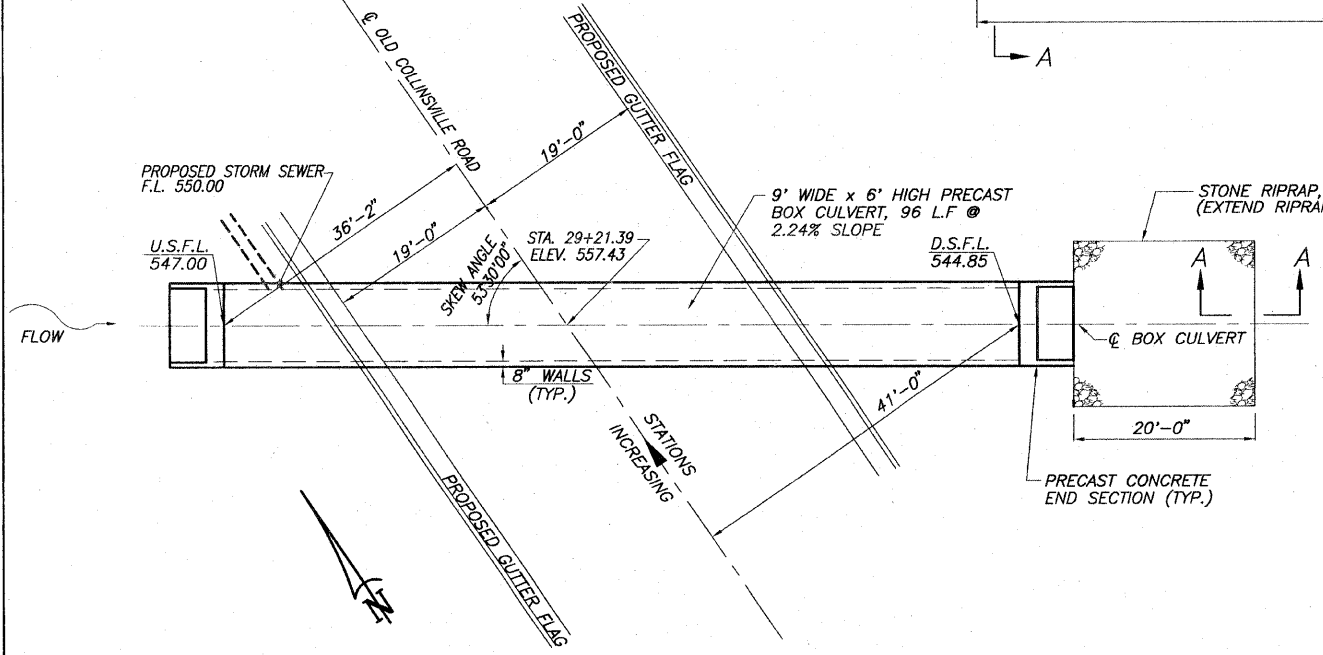


BILL OF MATERIAL

ITEM	UNIT	TOTAL
REMOVAL OF EXISTING STRUCTURES	EACH	1
CHANNEL EXCAVATION	CU. YD.	88
STRUCTURE EXCAVATION	CU. YD.	471
BOX CULVERT END SECTIONS	EACH	2
PRECAST CONCRETE BOX CULVERT 9'x6'	FOOT	96
STONE RIPRAP CLASS A4	SQ. YD.	45
FILTER FABRIC FOR USE WITH RIPRAP	SQ. YD.	45
POROUS GRANULAR EMBANKMENT	CU. YD.	29



SECTION THRU BARREL
REMOVE UNSUITABLE SOIL BELOW BOTTOM OF CULVERT TO ELEV. 543.54 AND 2 FT. OUTSIDE THE FOOTPRINT OF THE BOX. COST SHALL BE INCLUDED IN THE COST OF "CHANNEL EXCAVATION". REPLACE WITH CA-7 OR CA-11 "POROUS GRANULAR EMBANKMENT."

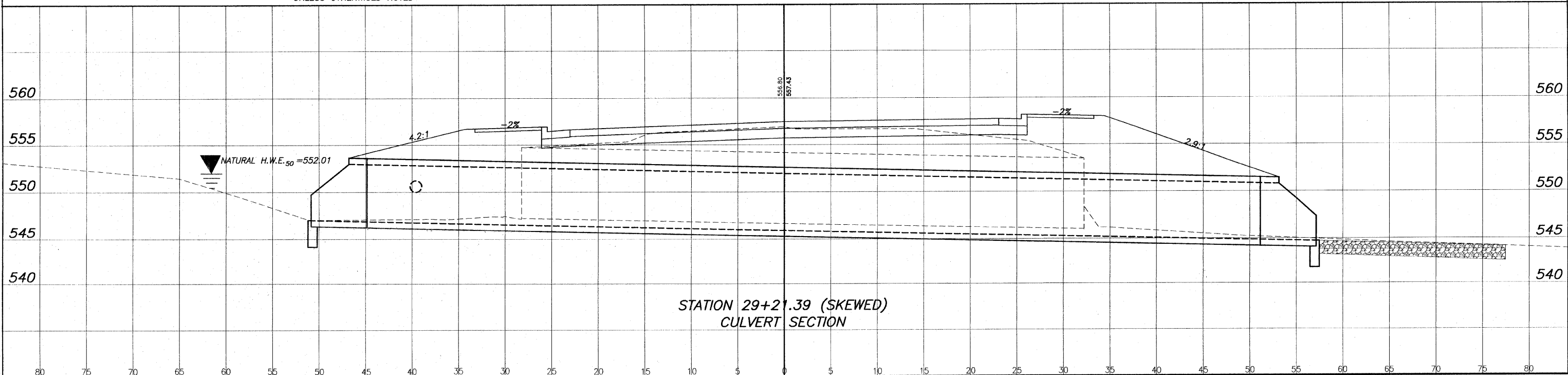


PLAN
N.T.S.
DIMENSIONS ARE GIVEN AT RT. ANGLES TO THE ϕ RDWY. UNLESS OTHERWISE NOTED

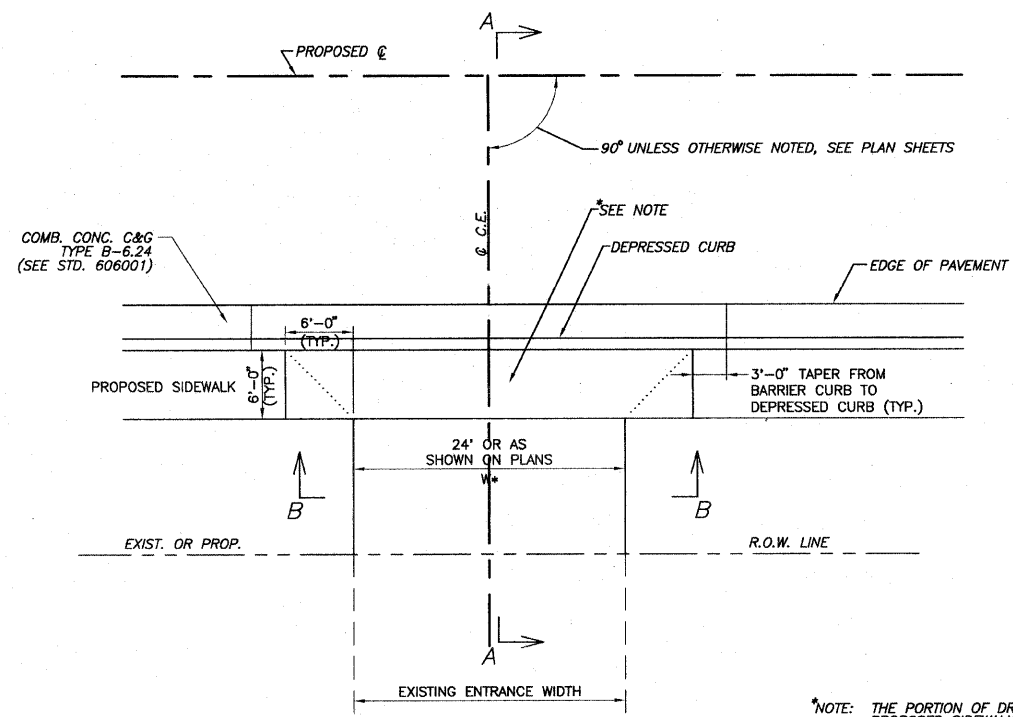
WATER INFORMATION TABLE

EXISTING LOW GRADE ELEVATION = 554.04 FT. @ STA. 30+28.90
PROPOSED LOW GRADE ELEVATION = 554.20 FT. @ STA. 30+34.16

FLOOD YEAR	FREQUENCY	DISCHARGE (CFS)	WATERWAY OPENING (SQ. FT.)		NATURAL H.W.E.	HEAD (FT.)		HEADWATER ELEV.	
			EXISTING	PROPOSED		EXISTING	PROPOSED	EXISTING	PROPOSED
DESIGN	50	480	31.0	45.1	552.01	4.35	2.12	556.36	554.13
BASE	100	555	33.4	48.2	552.36	5.40	3.10	557.76	555.46

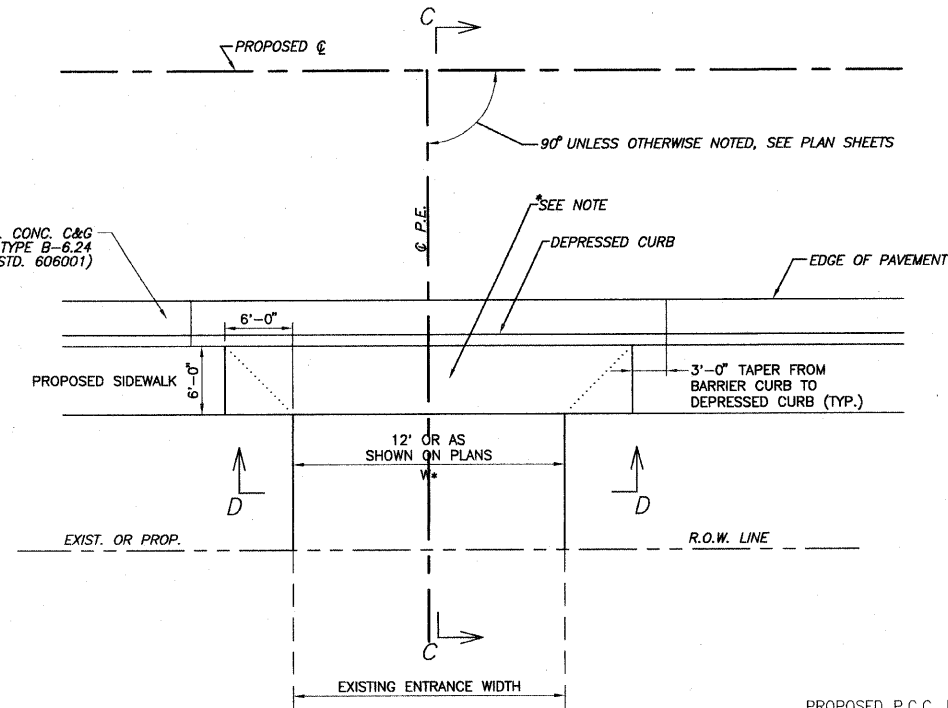


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	37
STA. 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	



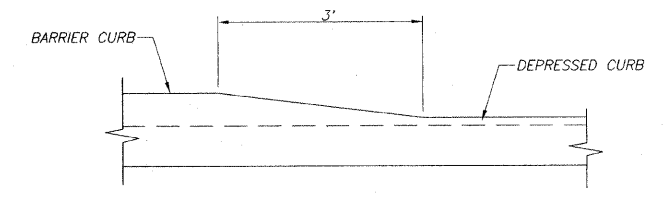
C.E. DETAIL "A"
 COMMERCIAL ENTRANCE WITH SIDEWALK ADJACENT TO ROADWAY PAVEMENT AND CONCRETE CURB & GUTTER TYPE B-6.24
 N.T.S.
 STA. 24+50 TO STA. 35+00

NOTE: THE PORTION OF DRIVEWAY PAVEMENT ALONG ALIGNMENT OF THE PROPOSED SIDEWALK SHALL BE POURED SEPARATELY FROM THE REMAINDER OF THE DRIVEWAY PAVEMENT AND GROOVED WITH THE SAME SPACING AS THE ADJACENT SIDEWALK. THIS WORK SHALL BE PAID FOR AS PCC DRIVEWAY PAVEMENT, 6".

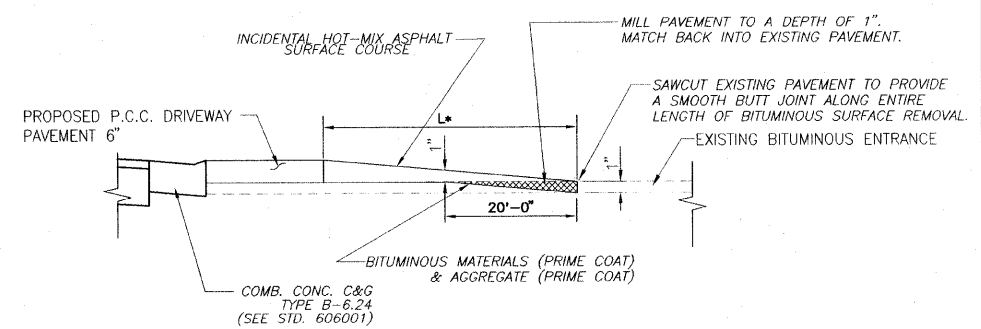


P.E. DETAIL "B"
 PRIVATE ENTRANCE WITH SIDEWALK ADJACENT TO ROADWAY PAVEMENT AND CONCRETE CURB & GUTTER TYPE B-6.24
 N.T.S.
 STA. 24+50 TO STA. 35+00 &
 LT. STA. 48+92.31**

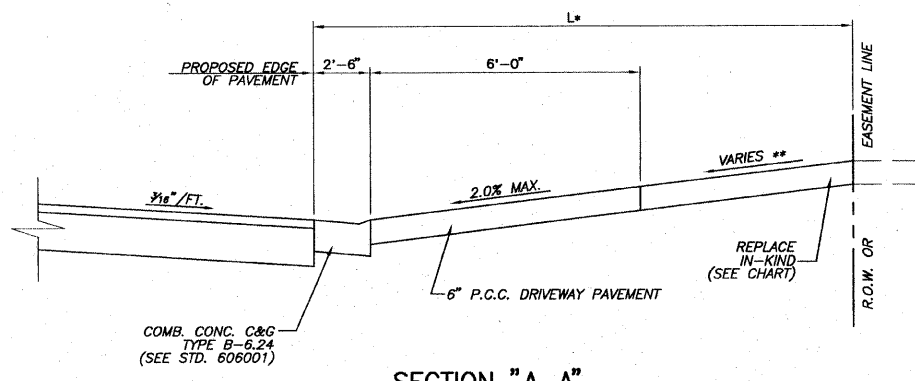
** NOTE: ENTRANCE AT STATION 48+92.31 LT. HAS 2' BUFFER FROM BACK OF CURB TO EDGE OF SIDEWALK.



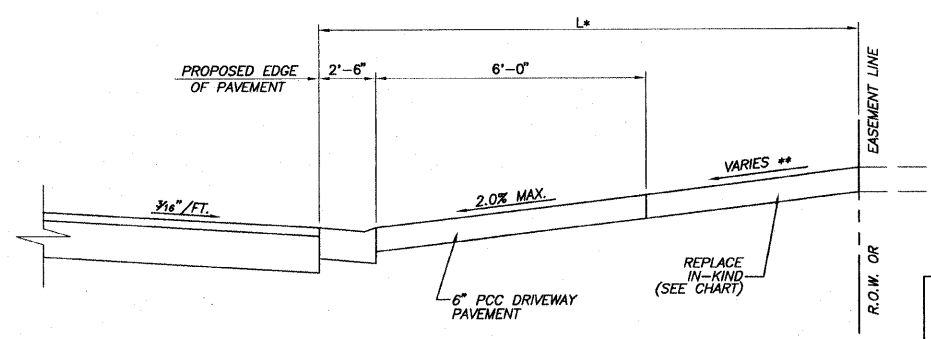
DETAIL OF CURB HEIGHT TRANSITION
 N.T.S.



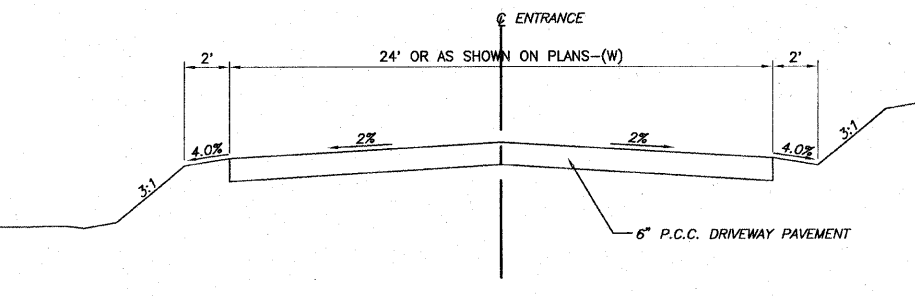
BUTT JOINT DETAIL
 N.T.S.
 ANDRIA'S RESTURANT MATCH BACK INTO EXISTING PAVEMENT TYPICAL BUTT JOINT DETAIL



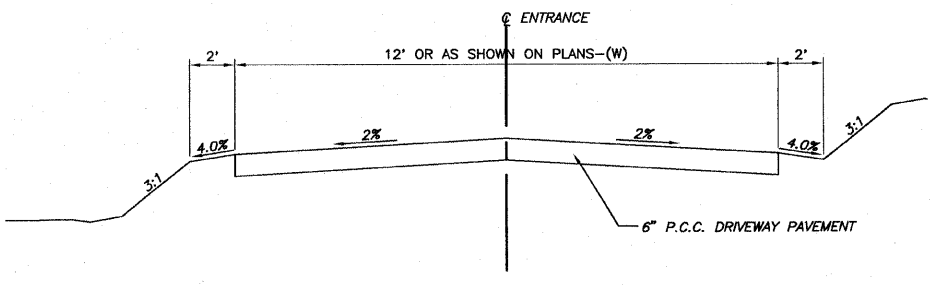
SECTION "A-A"
 * SEE ENTRANCE SCHEDULE FOR DISTANCES
 ** SEE CROSS SECTIONS FOR SLOPES



SECTION "C-C"
 * SEE ENTRANCE SCHEDULE FOR DISTANCES
 ** SEE CROSS SECTIONS FOR SLOPES



SECTION "B-B"



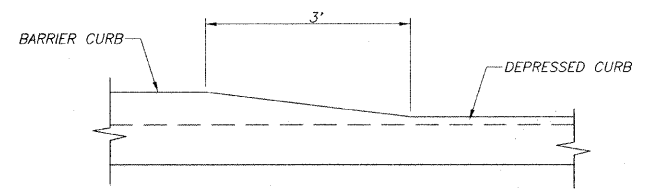
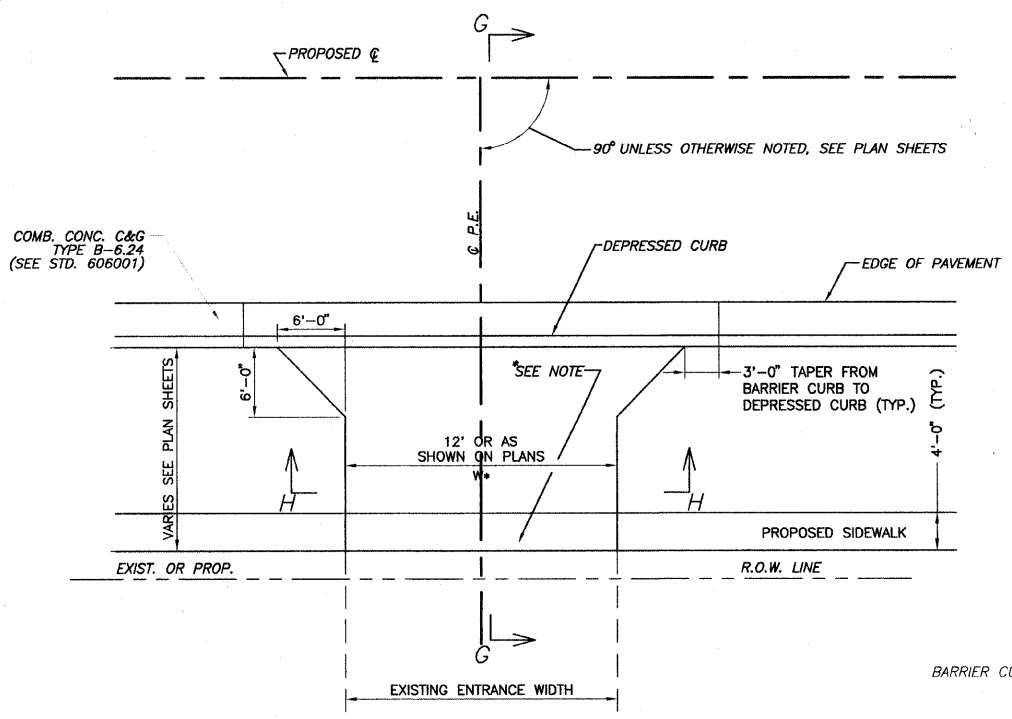
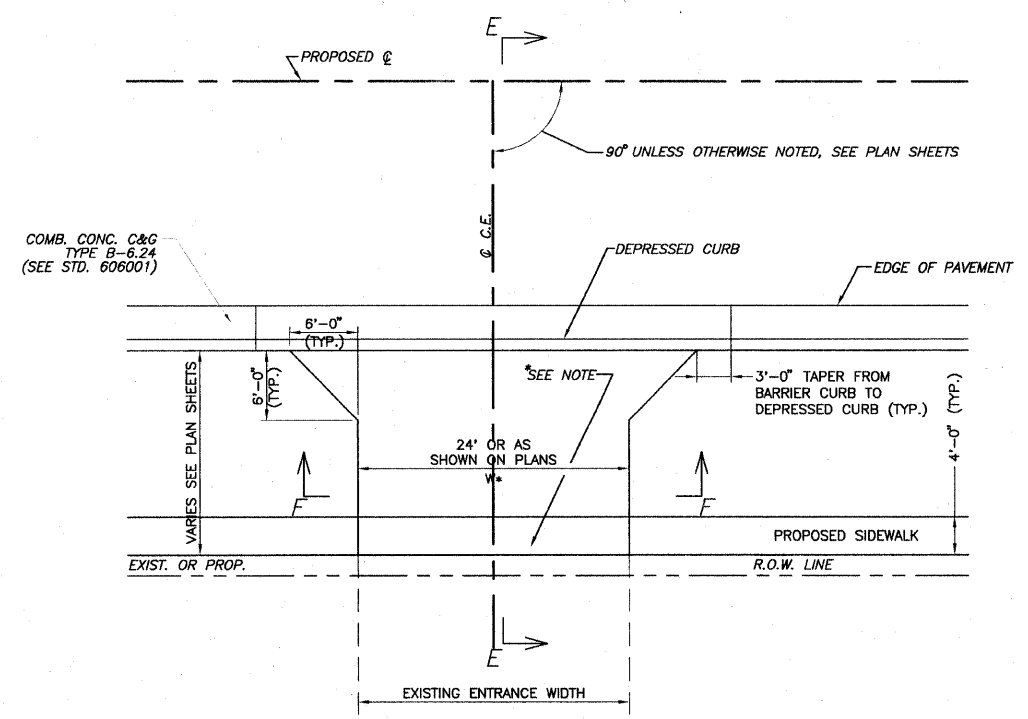
SECTION "D-D"

TYPE OF ENTRANCE	EXISTING MATERIAL	NEW ENTRANCE MATERIAL (BEYOND RADIUS RETURNS OR TAPERS)			
		PCC DRIVEWAY PAVEMENT 6"	INCIDENTAL HOT-MIX ASPHALT SURFACING 3"	AGGREGATE BASE COURSE TYPE B, 8"	AGGREGATE SURFACE COURSE TYPE B, 6"
PRIVATE & COMMERCIAL	CONCRETE	X			
	BITUMINOUS		X	X	
	AGGREGATE				X

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	38
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT		CONTRACT 97360		

LT. STA. 35+00 TO STA. 79+10

LT. STA. 35+00 TO STA. 79+10

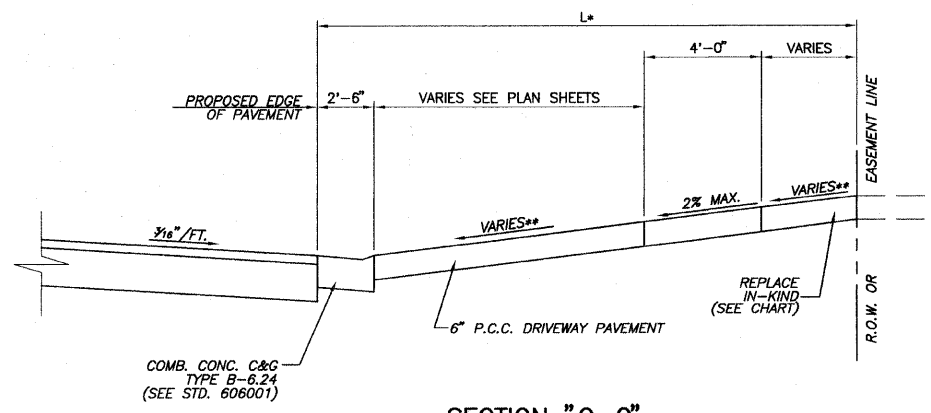
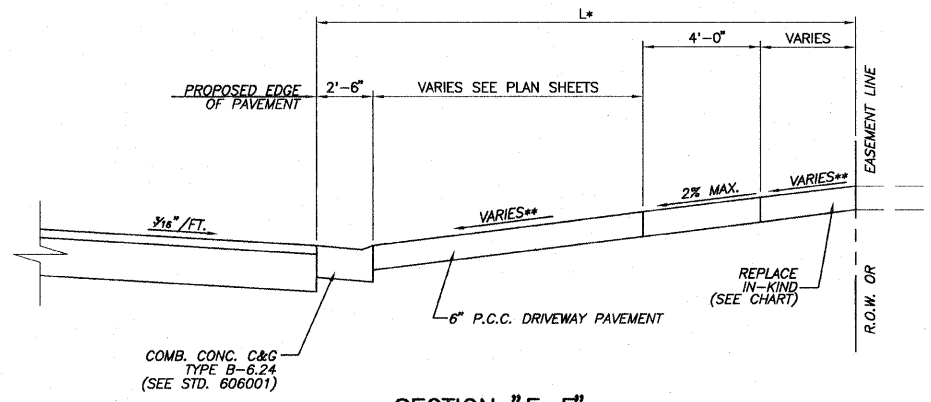


C.E. DETAIL "C"
COMMERCIAL ENTRANCE WITH SIDEWALK OFFSET FROM ROADWAY PAVEMENT AND CONCRETE CURB & GUTTER TYPE B-6.24
N.T.S.

*NOTE: THE PORTION OF DRIVEWAY PAVEMENT ALONG ALIGNMENT OF THE PROPOSED SIDEWALK SHALL BE POURED SEPARATELY FROM THE REMAINDER OF THE DRIVEWAY PAVEMENT AND GROOVED WITH THE SAME SPACING AS THE ADJACENT SIDEWALK. THIS WORK SHALL BE PAID FOR AS PCC DRIVEWAY PAVEMENT, 6".

P.E. DETAIL "D"
PRIVATE ENTRANCE WITH SIDEWALK OFFSET FROM ROADWAY PAVEMENT AND CONCRETE CURB & GUTTER TYPE B-6.24
N.T.S.

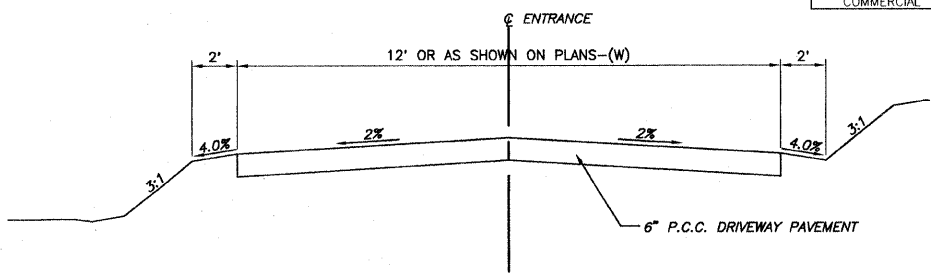
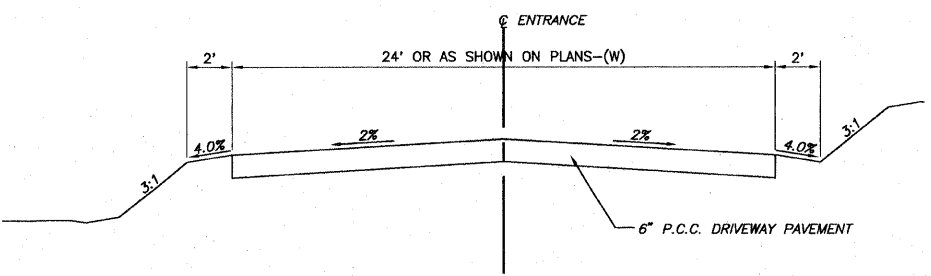
DETAIL OF CURB HEIGHT TRANSITION
N.T.S.



SECTION "E-E"
* SEE ENTRANCE SCHEDULE FOR DISTANCES
** SEE CROSS SECTIONS FOR SLOPES

SECTION "G-G"
* SEE ENTRANCE SCHEDULE FOR DISTANCES
** SEE CROSS SECTIONS FOR SLOPES

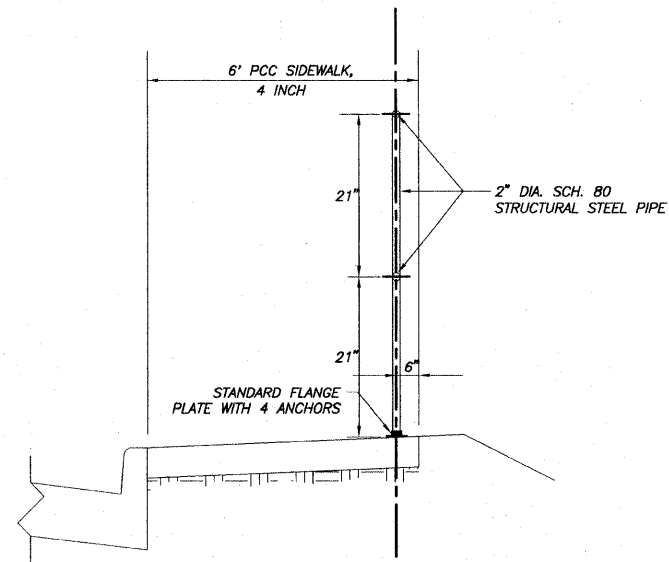
TYPE OF ENTRANCE	EXISTING MATERIAL	NEW ENTRANCE MATERIAL (BEYOND RADIUS RETURNS OR TAPERS)			
		PCC DRIVEWAY PAVEMENT	INCIDENTAL ASPHALT SURFACING	HOT-MIX AGGREGATE BASE COURSE TYPE B	HOT-MIX AGGREGATE SURFACE COURSE TYPE B
PRIVATE & COMMERCIAL	CONCRETE	X			
	BITUMINOUS		X	X	
	AGGREGATE				X



SECTION "F-F"

SECTION "H-H"

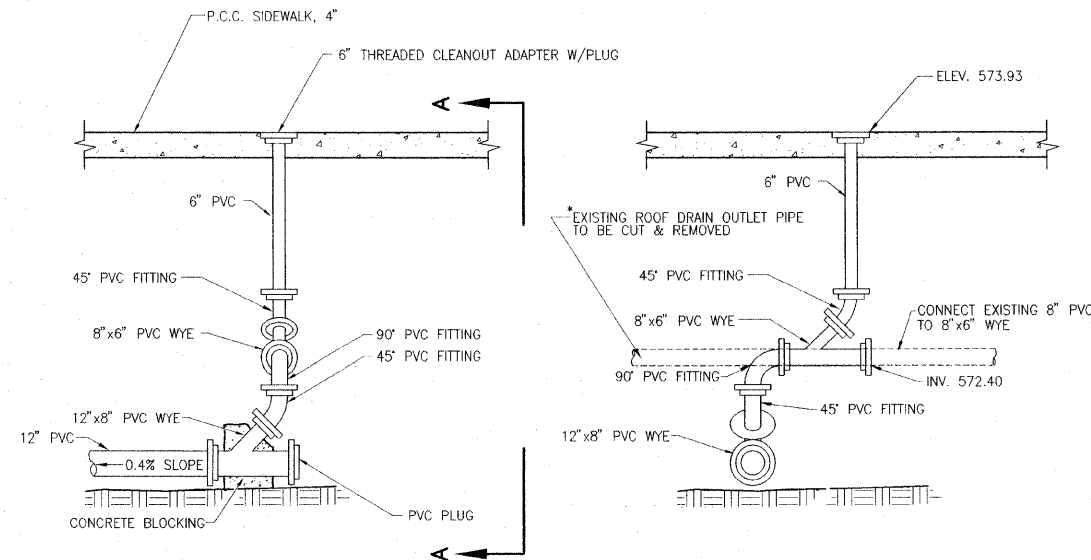
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	39
STA. 24+17.37 TO		STA. 79+10.00		
FEDERAL AID PROJECT		CONTRACT 97360		



PIPE HANDRAIL

RT. STA. 27+18 TO 29+50
LT. STA. 29+06 TO 29+70
N.T.S.

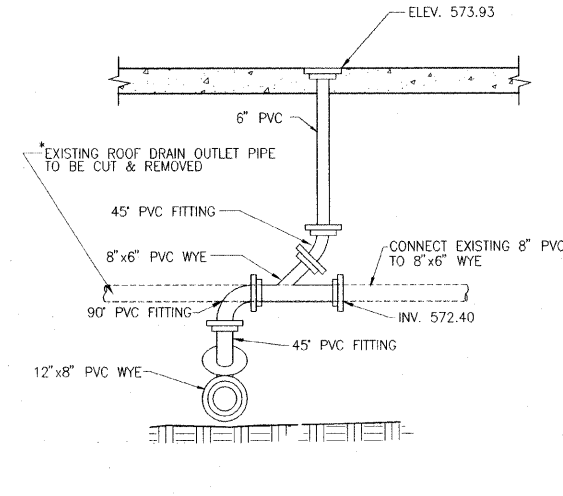
NOTE: 8.0' MAX. POST SPACING



SECTIONAL VIEW
(LOOKING EAST)

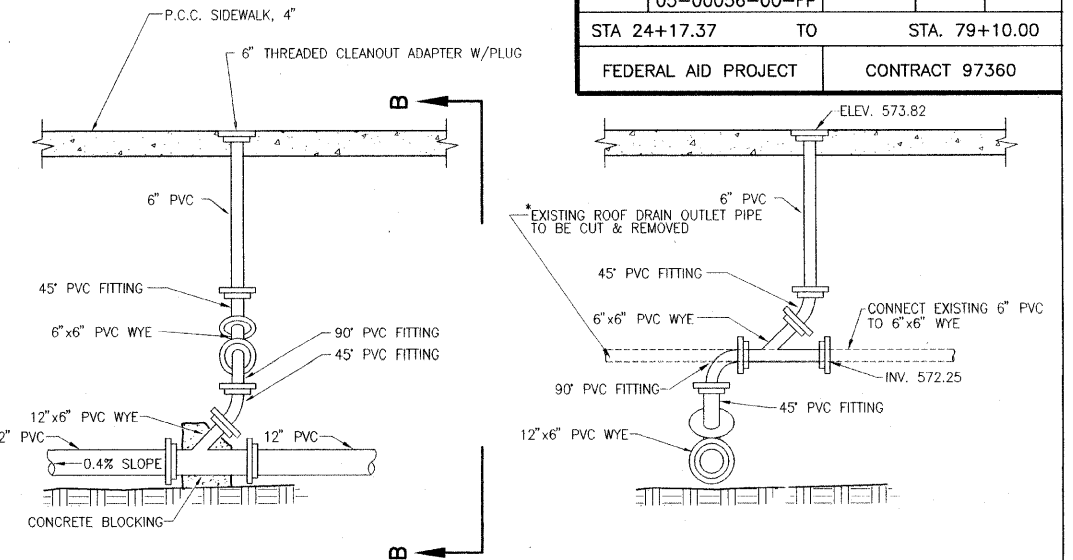
ROOF DRAIN COLLECTION NETWORK - STATION 53+85.35

N.T.S.



SECTION A-A

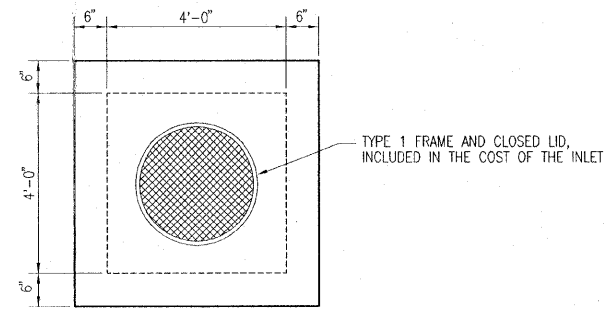
NOTE: COST INCLUDED IN PRICE OF ROOF DRAIN COLLECTION NETWORK



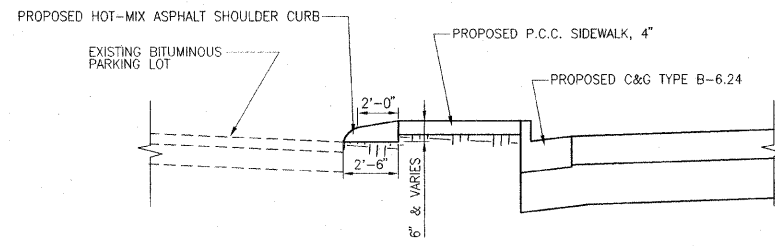
SECTIONAL VIEW
(LOOKING EAST)

ROOF DRAIN COLLECTION NETWORK - STATION 54+54.31

N.T.S.

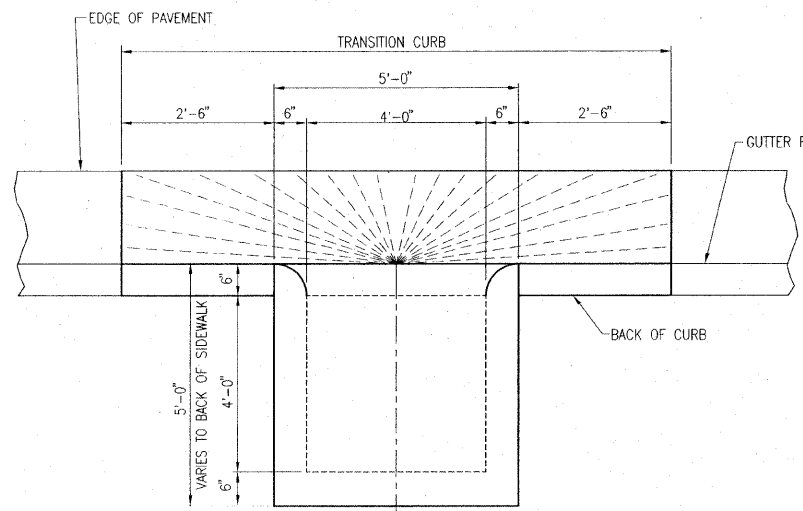


PRECAST LID DETAIL



HOT-MIX ASPHALT SHOULDER CURB

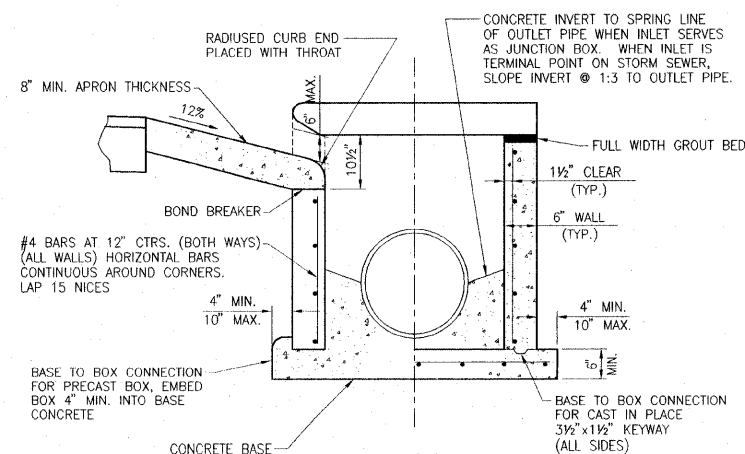
STA. 30+38 TO 30+89
N.T.S.



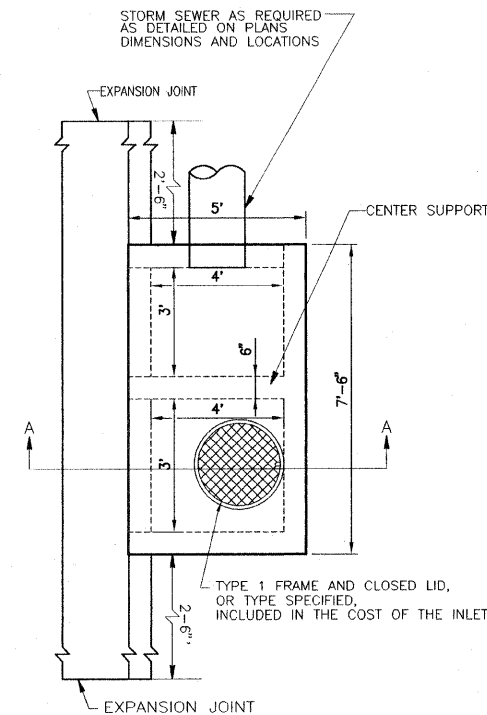
PLAN

INLET, SPECIAL NO. 1 - 4'X4'

N.T.S.



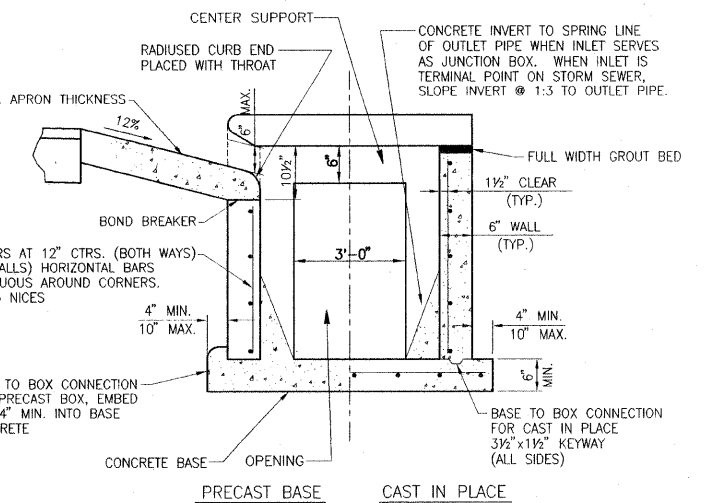
END VIEW



PLAN

INLET SPECIAL NO. 2 - 6'X4'

N.T.S.



ELEVATION A-A

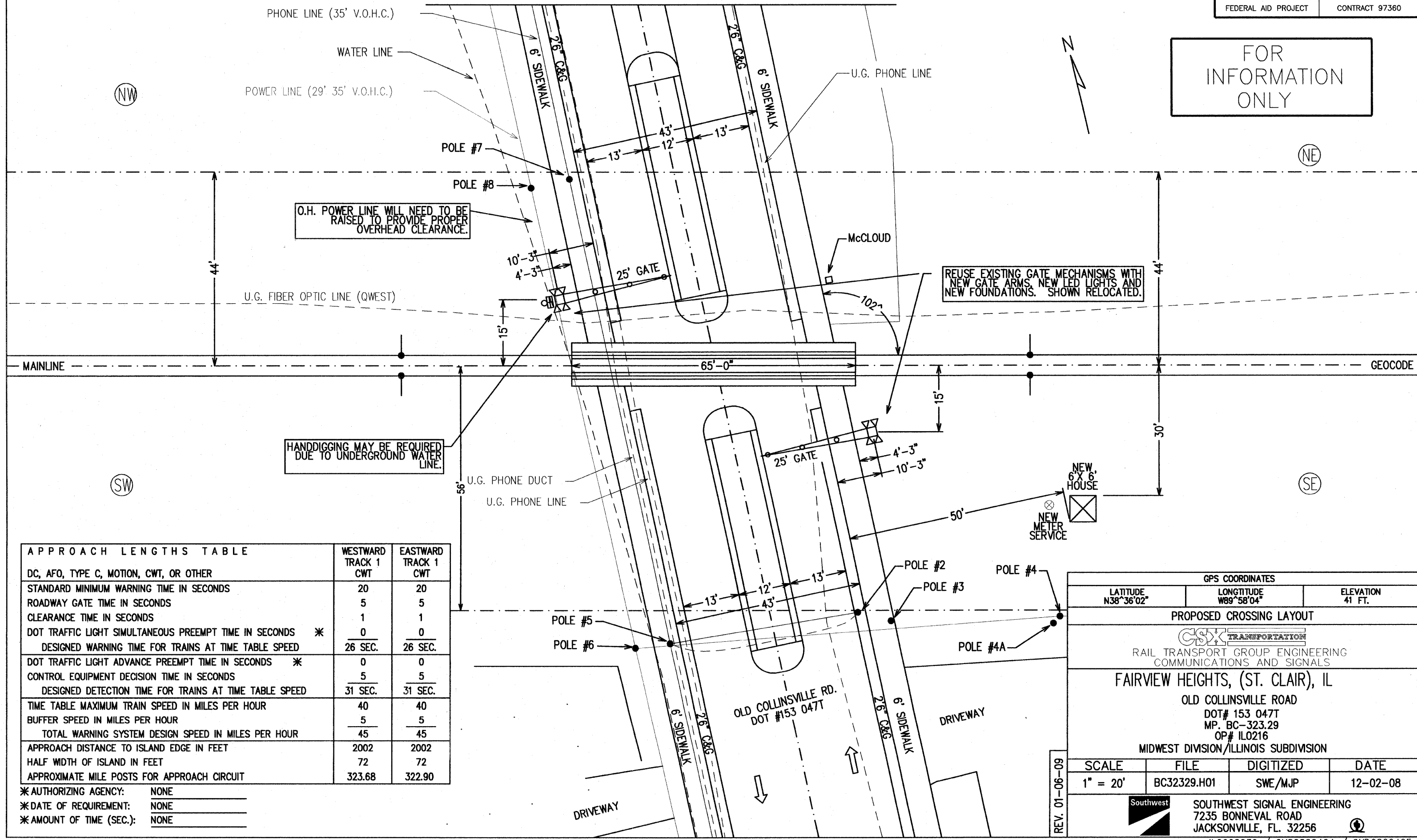
R.R. WEST TO BLACK LANE

17070+74

R.R. EAST TO E WASHINGTON

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	40
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	

FOR INFORMATION ONLY



O.H. POWER LINE WILL NEED TO BE RAISED TO PROVIDE PROPER OVERHEAD CLEARANCE.

REUSE EXISTING GATE MECHANISMS WITH NEW GATE ARMS, NEW LED LIGHTS AND NEW FOUNDATIONS. SHOWN RELOCATED.

HANDDIGGING MAY BE REQUIRED DUE TO UNDERGROUND WATER LINE.

APPROACH LENGTHS TABLE	WESTWARD TRACK 1 CWT	EASTWARD TRACK 1 CWT
DC, AFO, TYPE C, MOTION, CWT, OR OTHER	20	20
STANDARD MINIMUM WARNING TIME IN SECONDS	5	5
ROADWAY GATE TIME IN SECONDS	1	1
CLEARANCE TIME IN SECONDS	0	0
DOT TRAFFIC LIGHT SIMULTANEOUS PREEMPT TIME IN SECONDS *	26 SEC.	26 SEC.
DESIGNED WARNING TIME FOR TRAINS AT TIME TABLE SPEED	0	0
DOT TRAFFIC LIGHT ADVANCE PREEMPT TIME IN SECONDS *	5	5
CONTROL EQUIPMENT DECISION TIME IN SECONDS	31 SEC.	31 SEC.
DESIGNED DETECTION TIME FOR TRAINS AT TIME TABLE SPEED	40	40
TIME TABLE MAXIMUM TRAIN SPEED IN MILES PER HOUR	5	5
BUFFER SPEED IN MILES PER HOUR	45	45
TOTAL WARNING SYSTEM DESIGN SPEED IN MILES PER HOUR	2002	2002
APPROACH DISTANCE TO ISLAND EDGE IN FEET	72	72
HALF WIDTH OF ISLAND IN FEET	323.68	322.90
APPROXIMATE MILE POSTS FOR APPROACH CIRCUIT		

* AUTHORIZING AGENCY: NONE
 * DATE OF REQUIREMENT: NONE
 * AMOUNT OF TIME (SEC.): NONE

GPS COORDINATES		
LATITUDE N38°36'02"	LONGITUDE W89°58'04"	ELEVATION 41 FT.

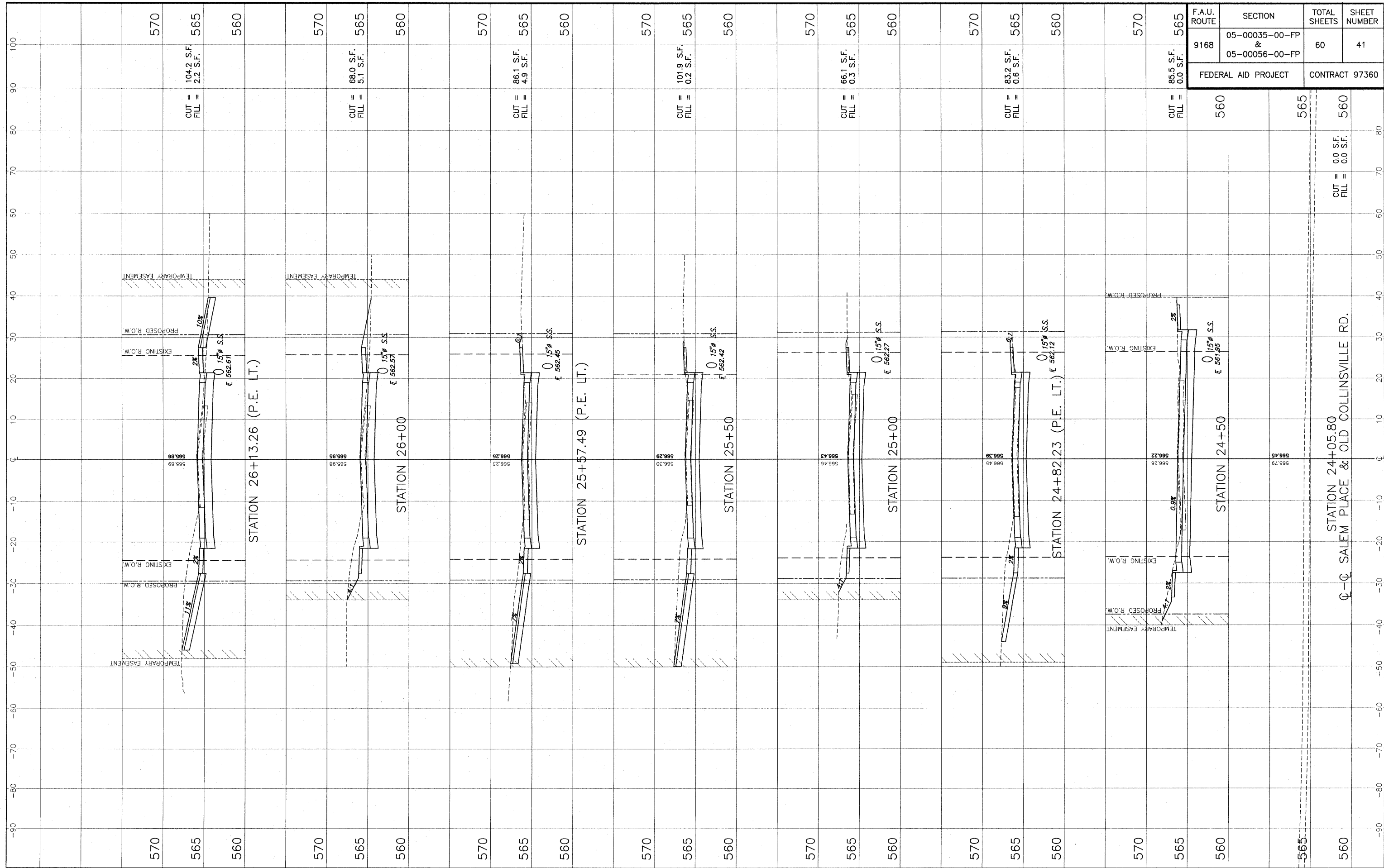
PROPOSED CROSSING LAYOUT
CSX TRANSPORTATION
 RAIL TRANSPORT GROUP ENGINEERING
 COMMUNICATIONS AND SIGNALS
FAIRVIEW HEIGHTS, (ST. CLAIR), IL
 OLD COLLINSVILLE ROAD
 DOT# 153 0477
 MP. BC-323.29
 OP# IL0216
 MIDWEST DIVISION/ILLINOIS SUBDIVISION

SCALE	FILE	DIGITIZED	DATE
1" = 20'	BC32329.H01	SWE/MJP	12-02-08

Southwest SOUTHWEST SIGNAL ENGINEERING
 7235 BONNEVAL ROAD
 JACKSONVILLE, FL. 32256

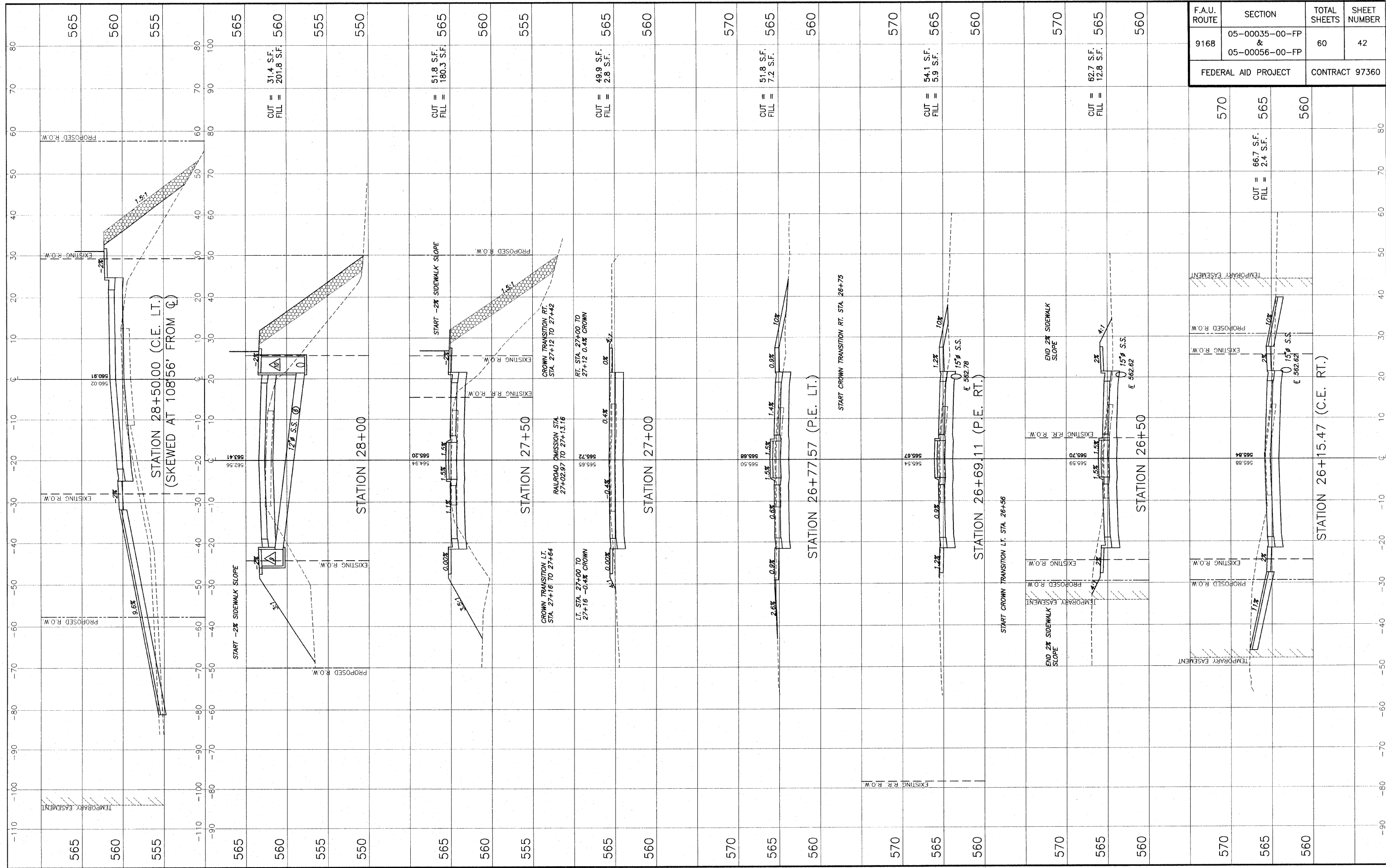
REV. 01-06-09

E:\1705 - 05-00-05 - Old Collinsville Road\1705_05_00035-00-FP.dwg, Plotted by M.A.L.



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	41
FEDERAL AID PROJECT		CONTRACT 97360	

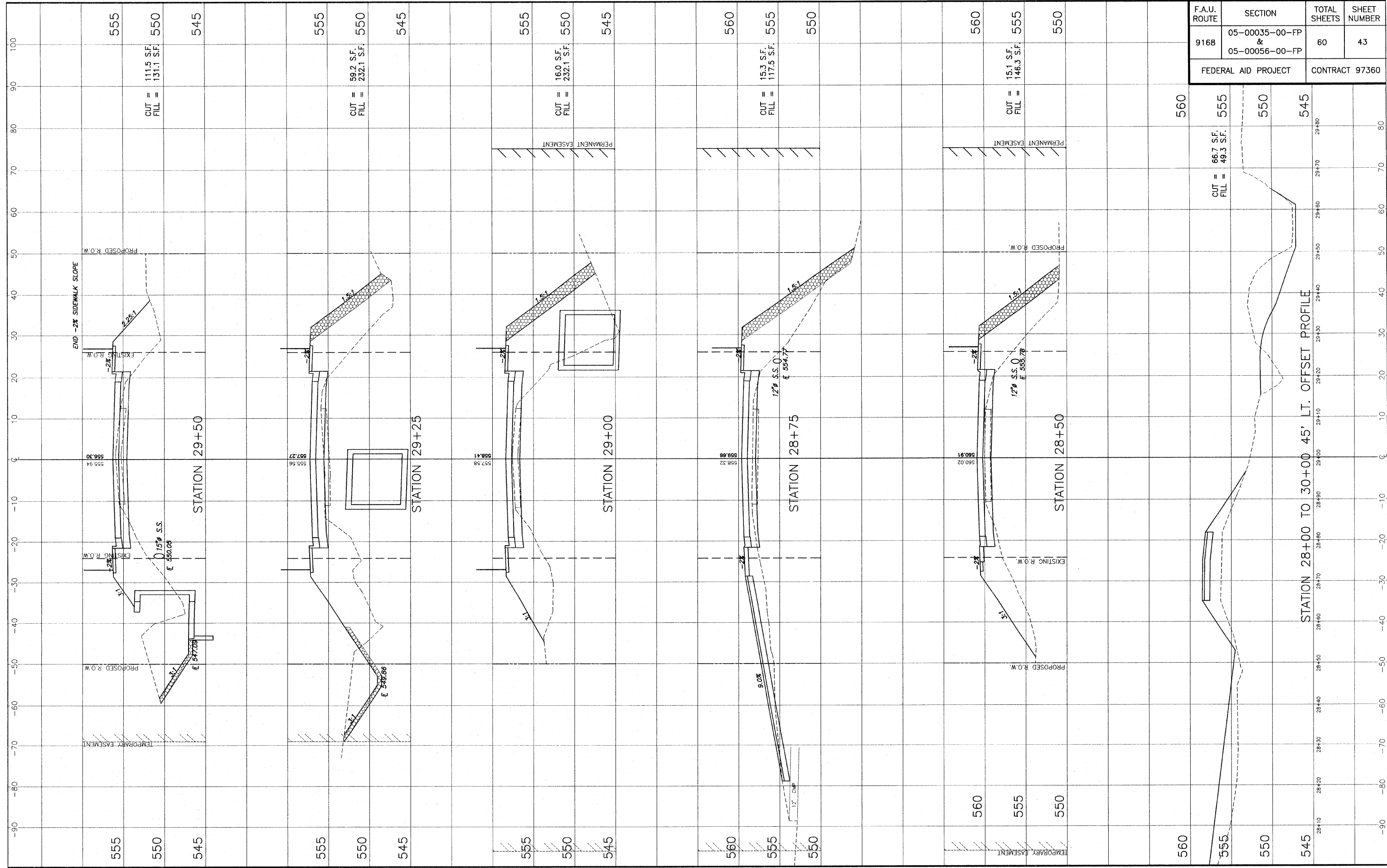
STA. 24+05.80 - STA. 26+13.26 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	42
FEDERAL AID PROJECT		CONTRACT 97360	

STA. 26+15.47 - STA. 28+50 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
 SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	43
FEDERAL AID PROJECT		CONTRACT 97360	



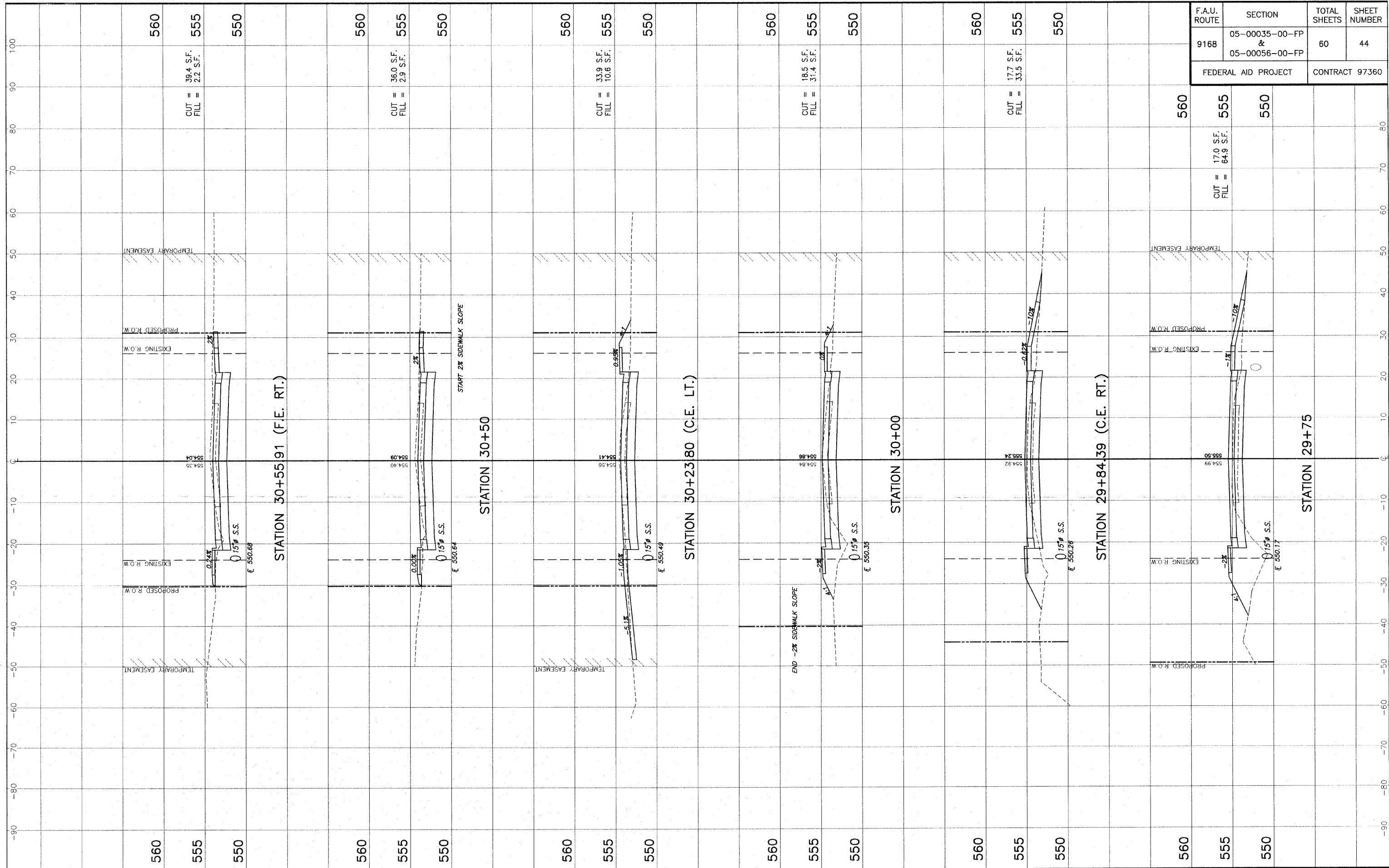
560	CUT = 66.7 SF. FILL = 49.3 SF.	555	550
560		555	550
560		555	550
560		555	550

STATION 28+00 TO 30+00 45' LT. OFFSET PROFILE

STA. 28+50 - STA. 29+50 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

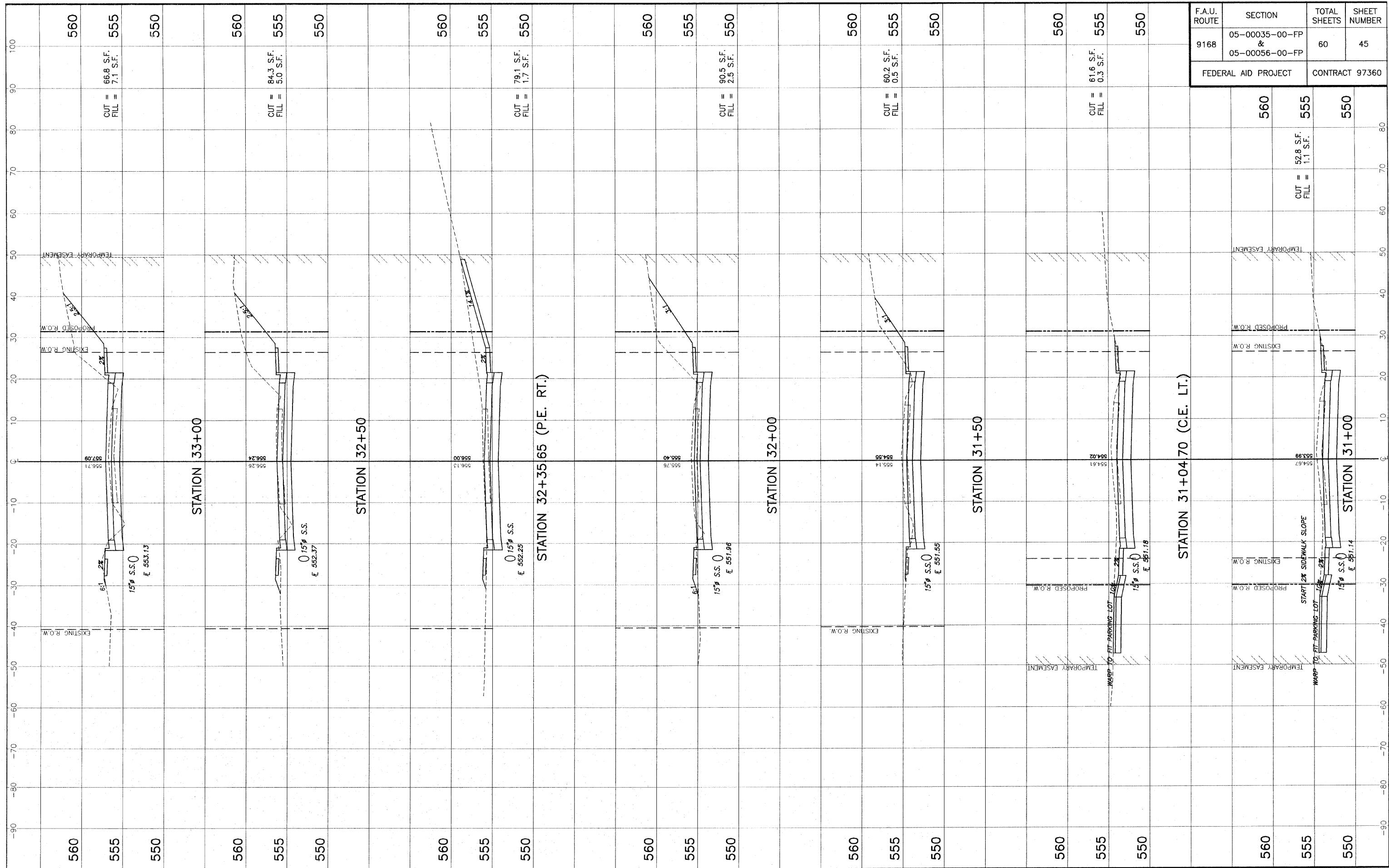
E:\1135 - 07100 - 08 Collinsville Road\11_52_0005 SECTION.dwg, 4/7/2009 10:41:42 AM, PLOTTER: HP PLOTTER

F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	44
FEDERAL AID PROJECT		CONTRACT 97360	



STA. 29+75 - STA. 30+55.91 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

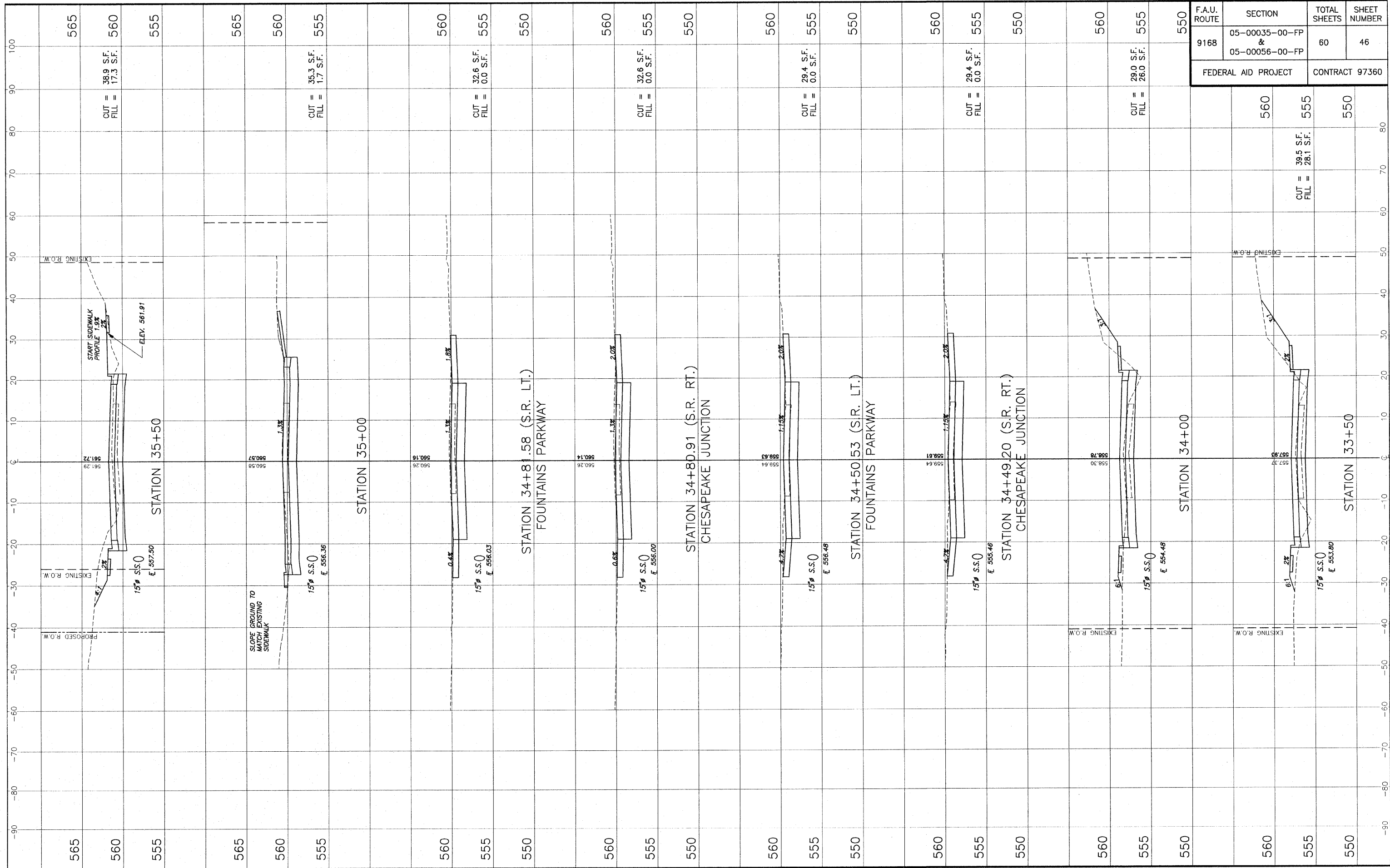
ENR125 - 01/26/05 - Old Collinsville Road/Highway 48 - 05056 SECTION.dwg, 11/17/2005 11:53:24 AM, RMB/MSAL



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	45
FEDERAL AID PROJECT		CONTRACT 97360	

STA. 31+00 - STA. 33+00 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

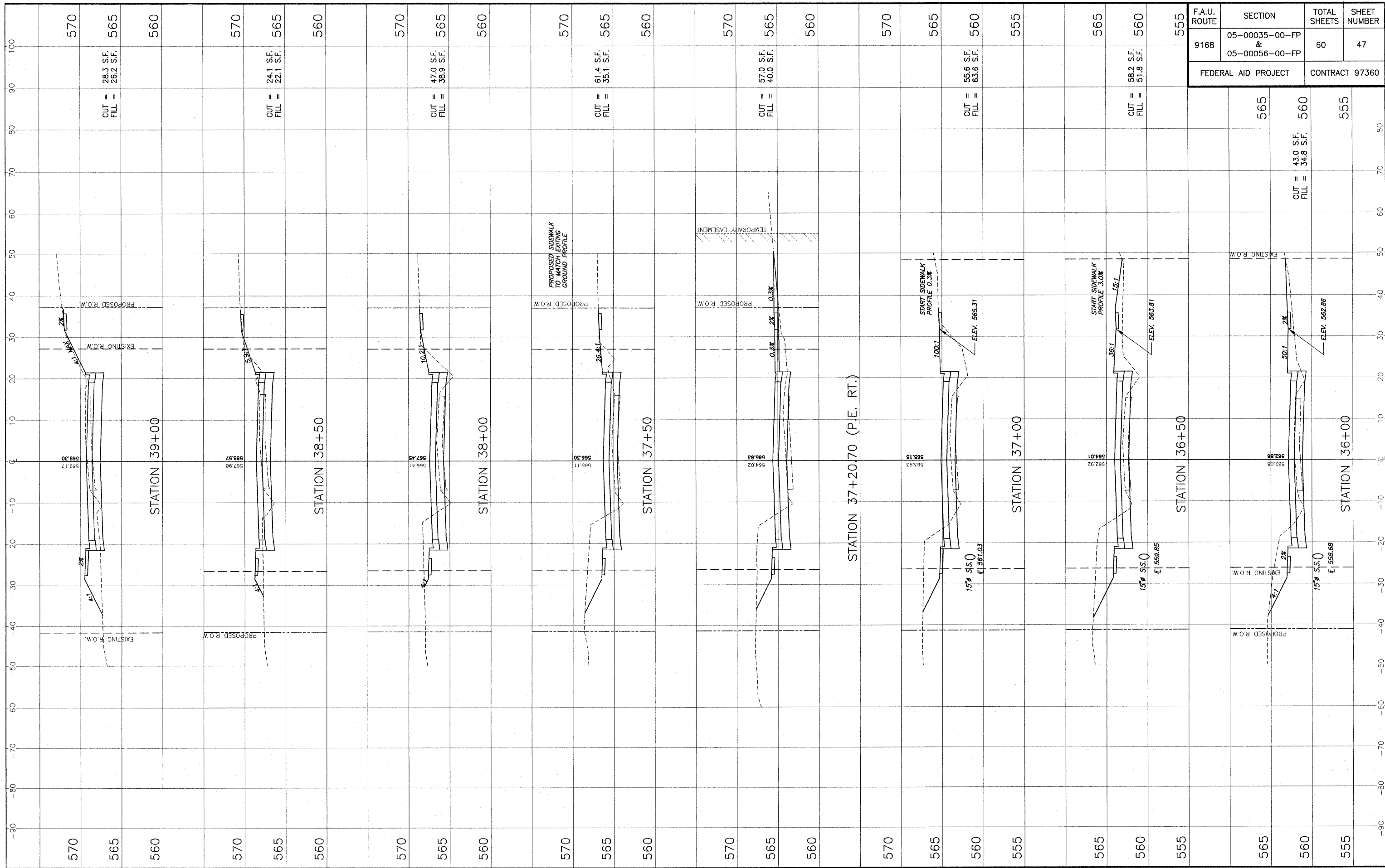
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F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	46
FEDERAL AID PROJECT		CONTRACT 97360	

STA. 33+50 - STA. 35+50 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

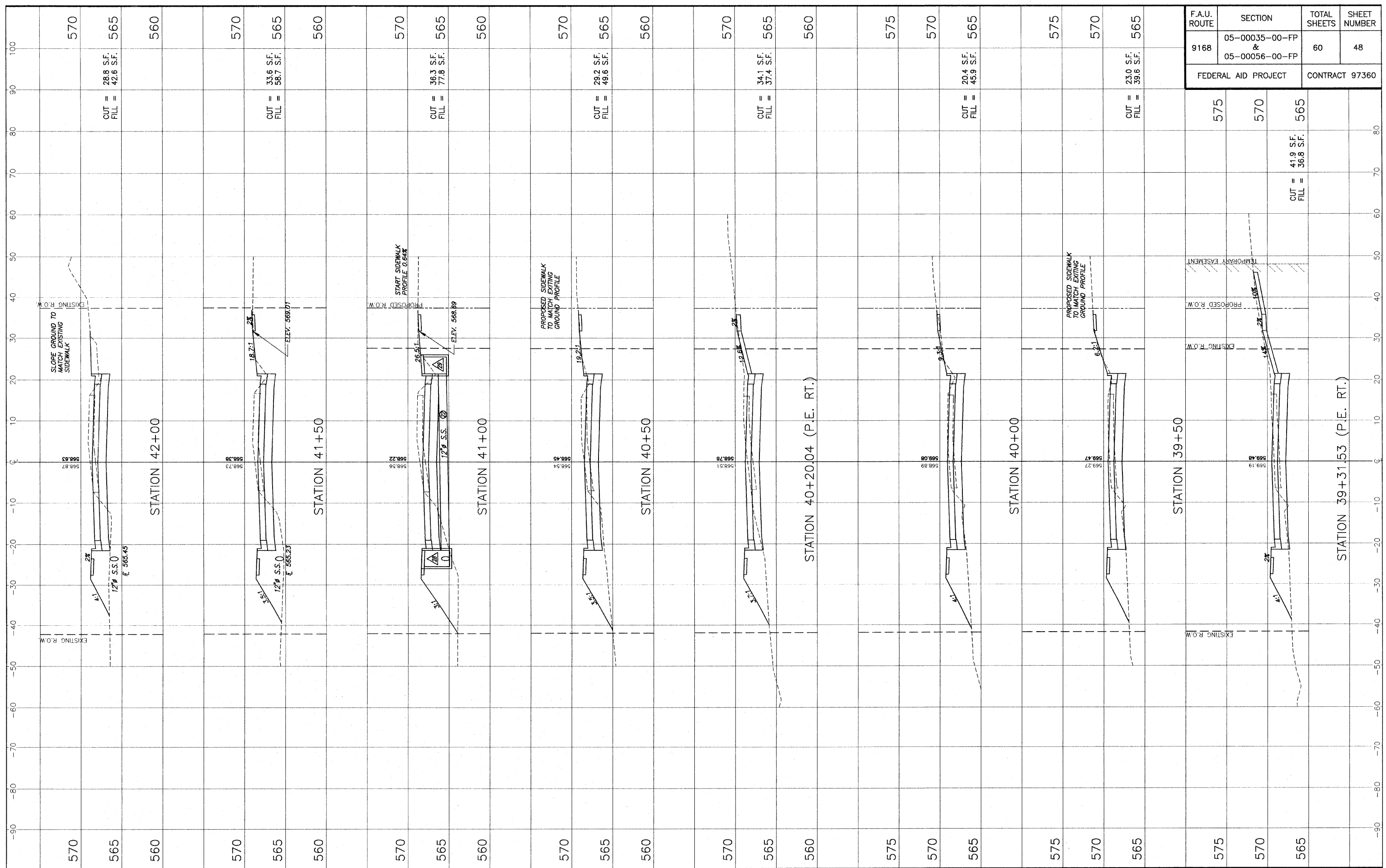
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STA. 36+00 - STA. 39+00 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

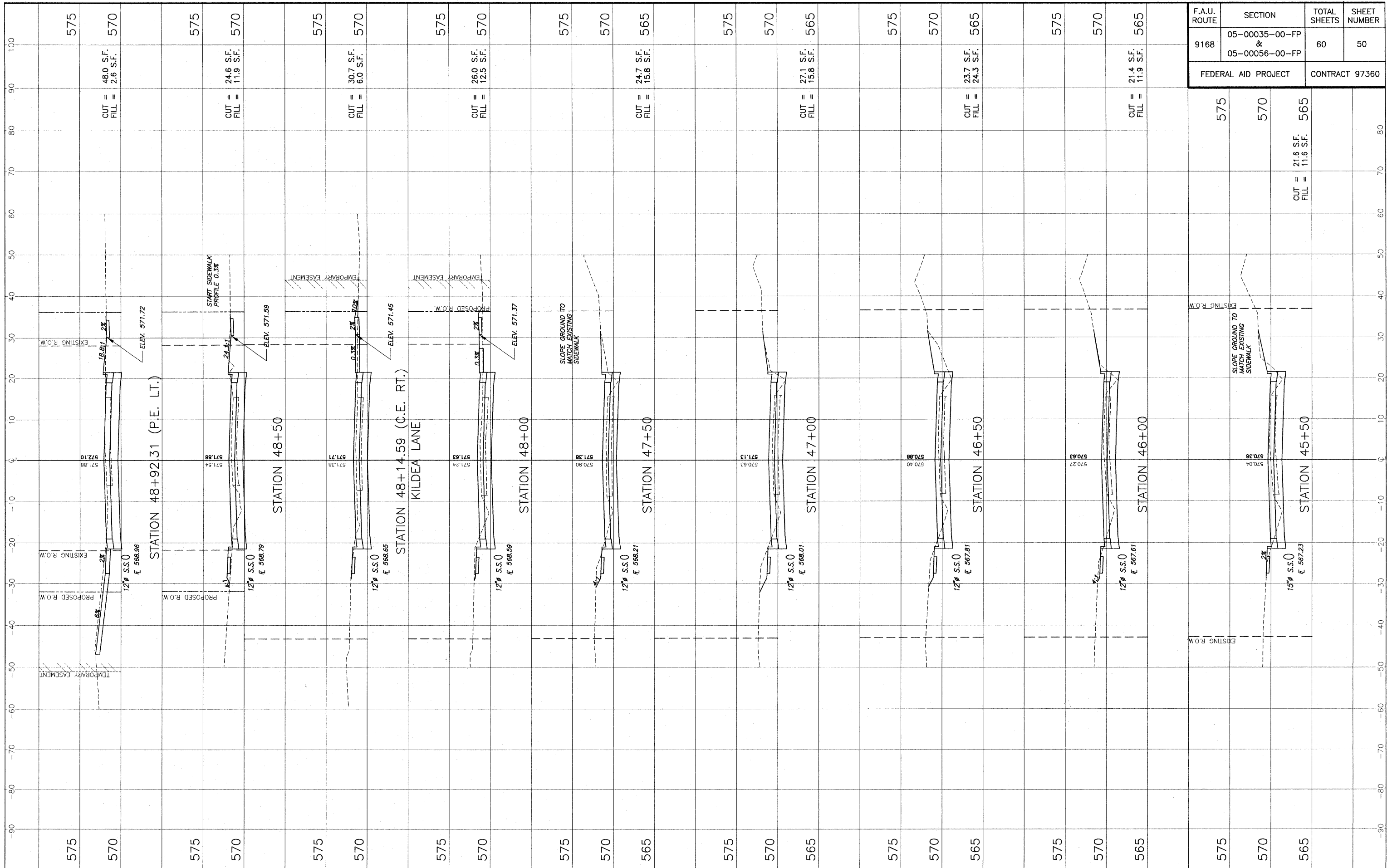
E:\11251 - 07\plan - Old Collinsville Road\plan\11251_CROSS SECTIONS.dwg, 1/17/2003 10:48:54 AM, Plotted by MALL

E:\11351-079\11351-08 COLLINSVILLE IMPROVEMENTS\11351-08 CROSS SECTIONS.dwg, 11/7/2009 10:44:47 AM, PLOT BY KAL



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	48
FEDERAL AID PROJECT		CONTRACT 97360	

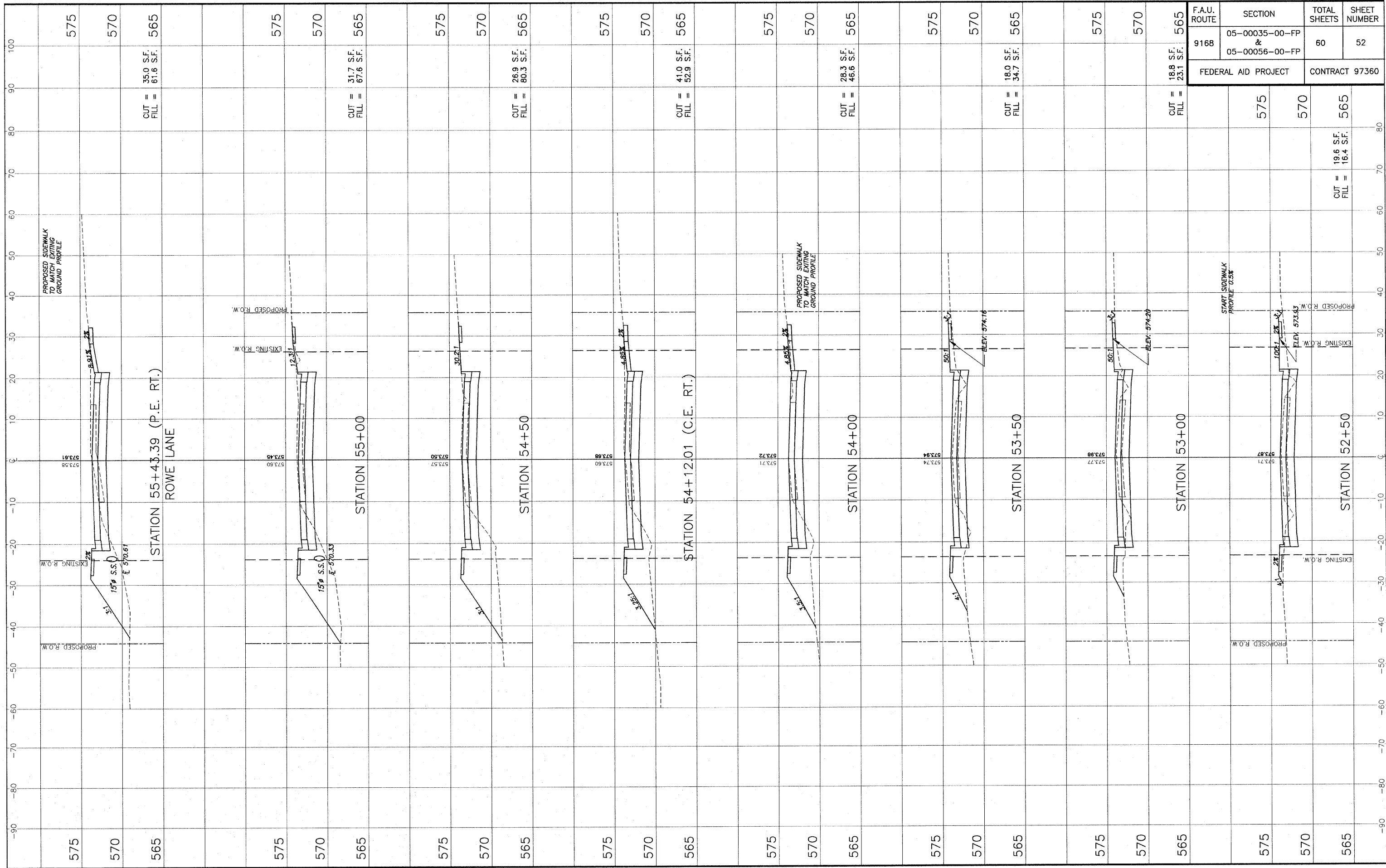
STA. 39+31.53 - STA. 42+00 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	50
FEDERAL AID PROJECT		CONTRACT 97360	

STA. 45+50 - STA. 48+92.31 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

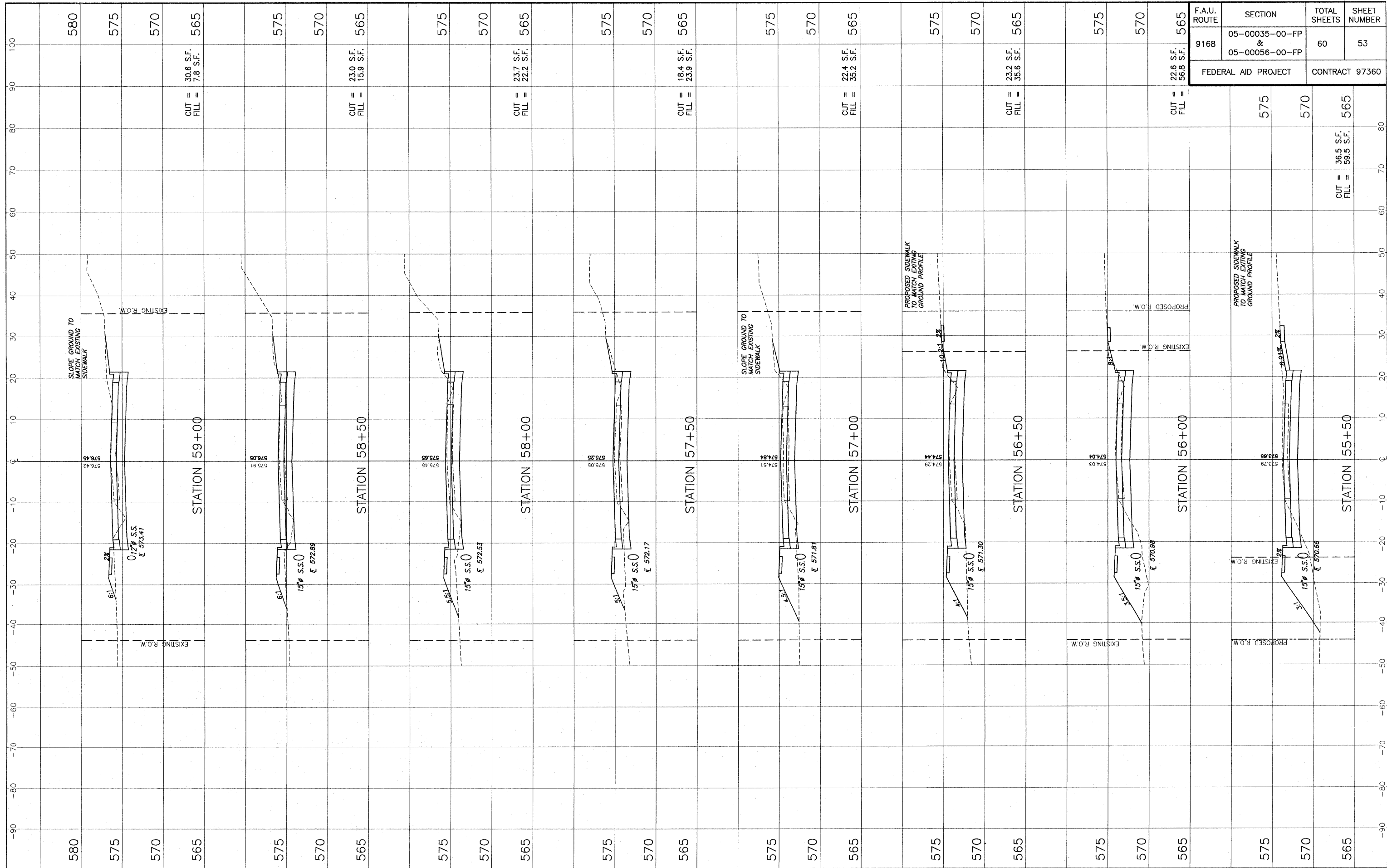
E:\1185 - Other - Old Collinsville Road\1185_CROSS SECTIONS.dwg 11/20/09 10:55:54 AM Power 11/11/11



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	52
FEDERAL AID PROJECT		CONTRACT 97360	

STA. 52+50 - STA. 55+43.39 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

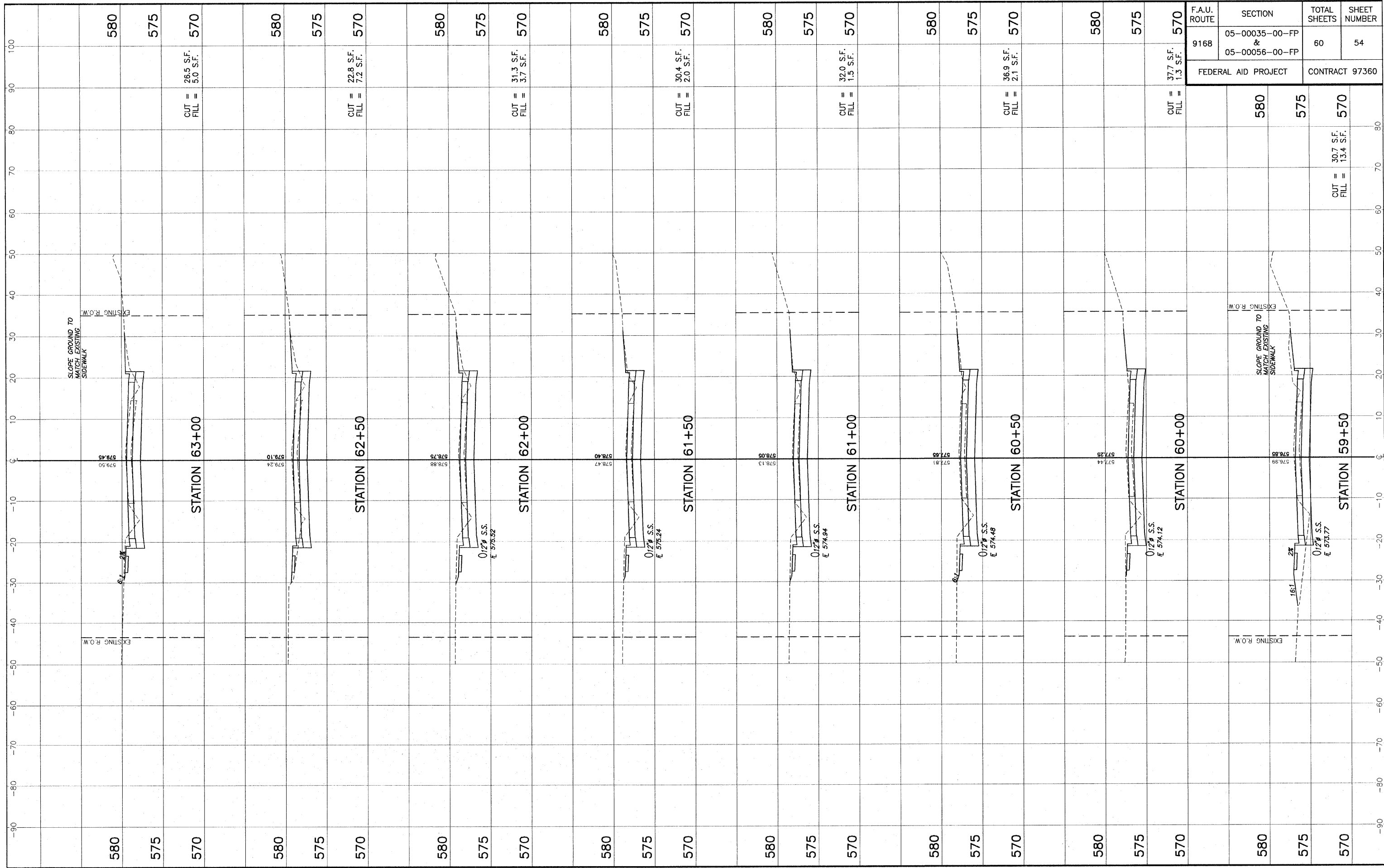
FILED: 07/16/08 08:41 AM LOCAL: 07/16/08 08:41 AM PROJECT: 05-00035-00-FP & 05-00056-00-FP SHEET: 52 OF 60



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	53
FEDERAL AID PROJECT		CONTRACT 97360	

STA. 55+50 - STA. 59+00 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

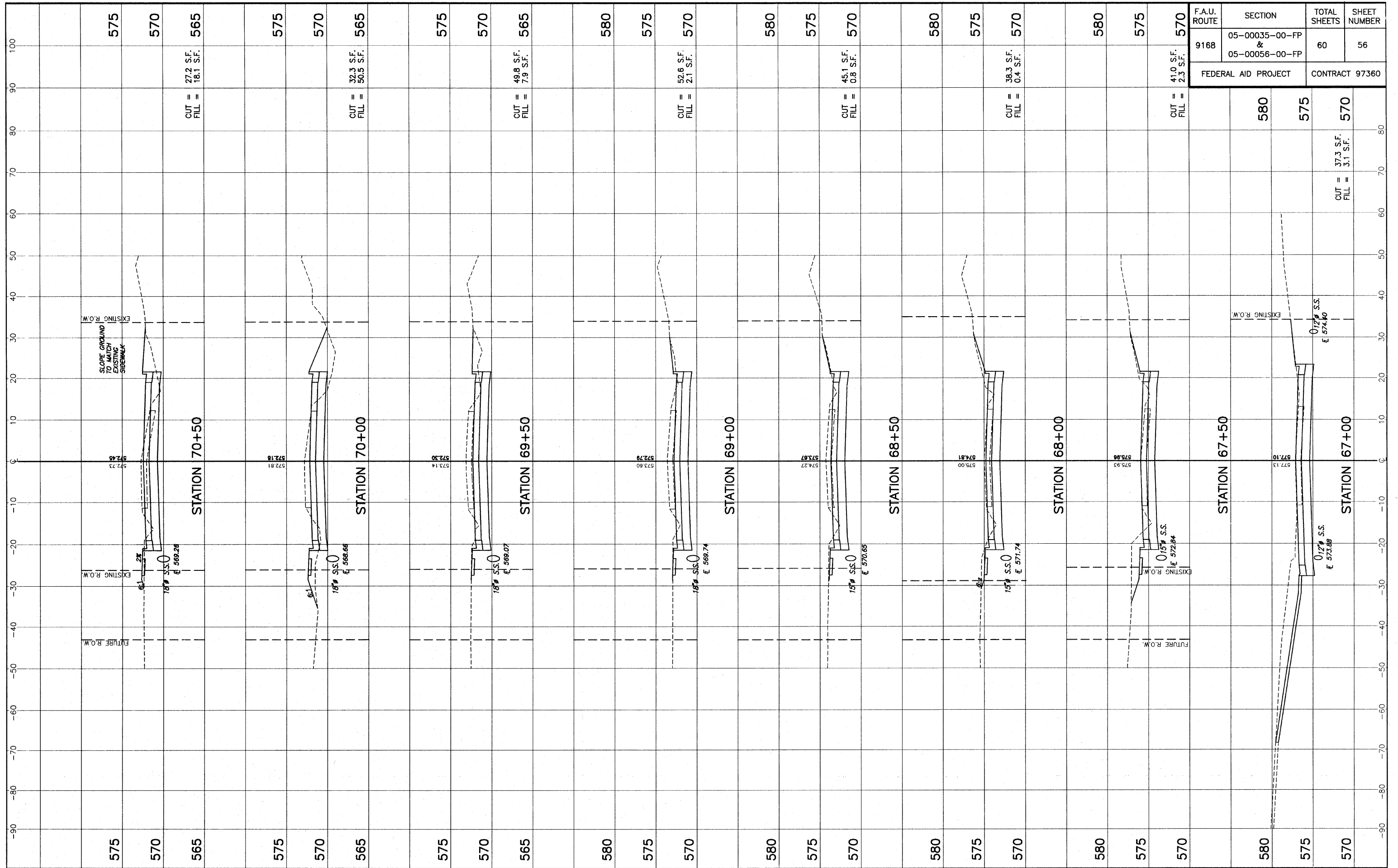
E:\1185 - OTHER - Old Collinsville Road\1185_CROSS SECTIONS.dwg, 4/7/2009 10:47:42 AM, PLOTTED BY M.L.L.



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	54
FEDERAL AID PROJECT		CONTRACT 97360	

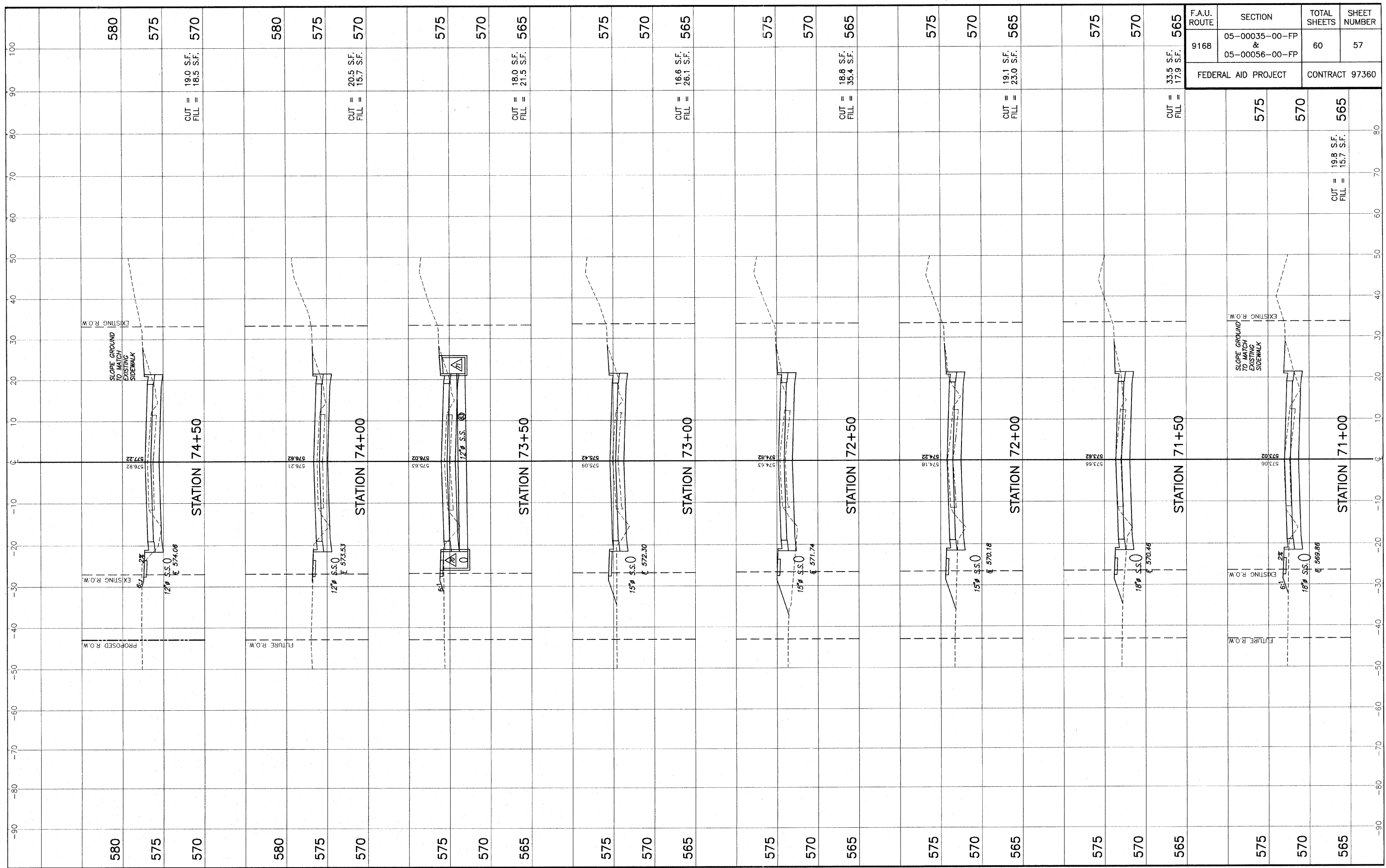
STA. 59+50 - STA. 63+00 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

ENCLOSURE - Old Collinsville Roadway11_LB_CROSS SECTIONS.dwg, 4/7/2009 10:48:39AM, P:\M\H\HALL



F.A.U. ROUTE 9168	SECTION 05-00035-00-FP & 05-00056-00-FP	TOTAL SHEETS 60	SHEET NUMBER 56
FEDERAL AID PROJECT		CONTRACT 97360	

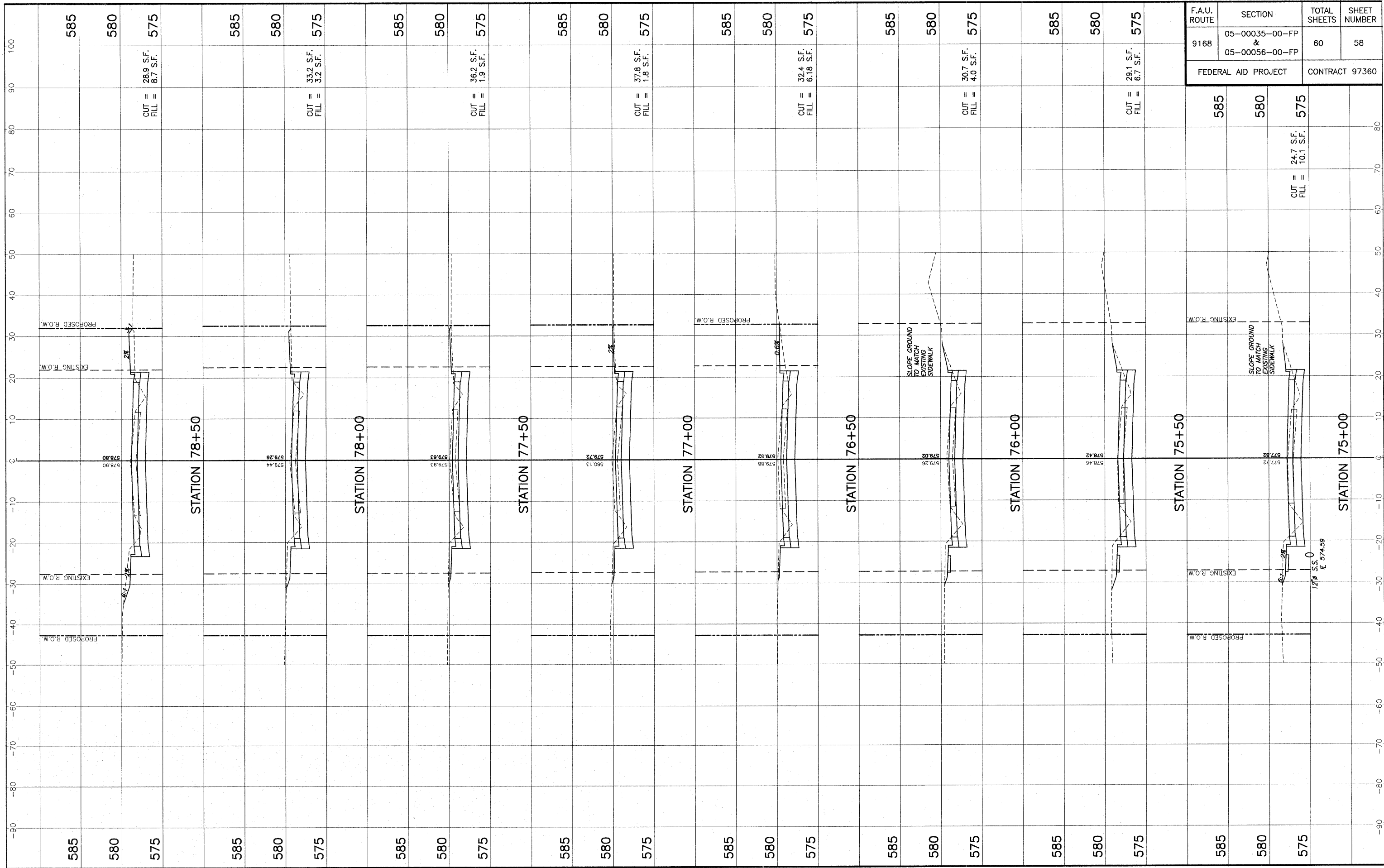
STA. 67+00 - STA. 70+50 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	57
FEDERAL AID PROJECT		CONTRACT 97360	

STA. 71+00 - STA. 74+50 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

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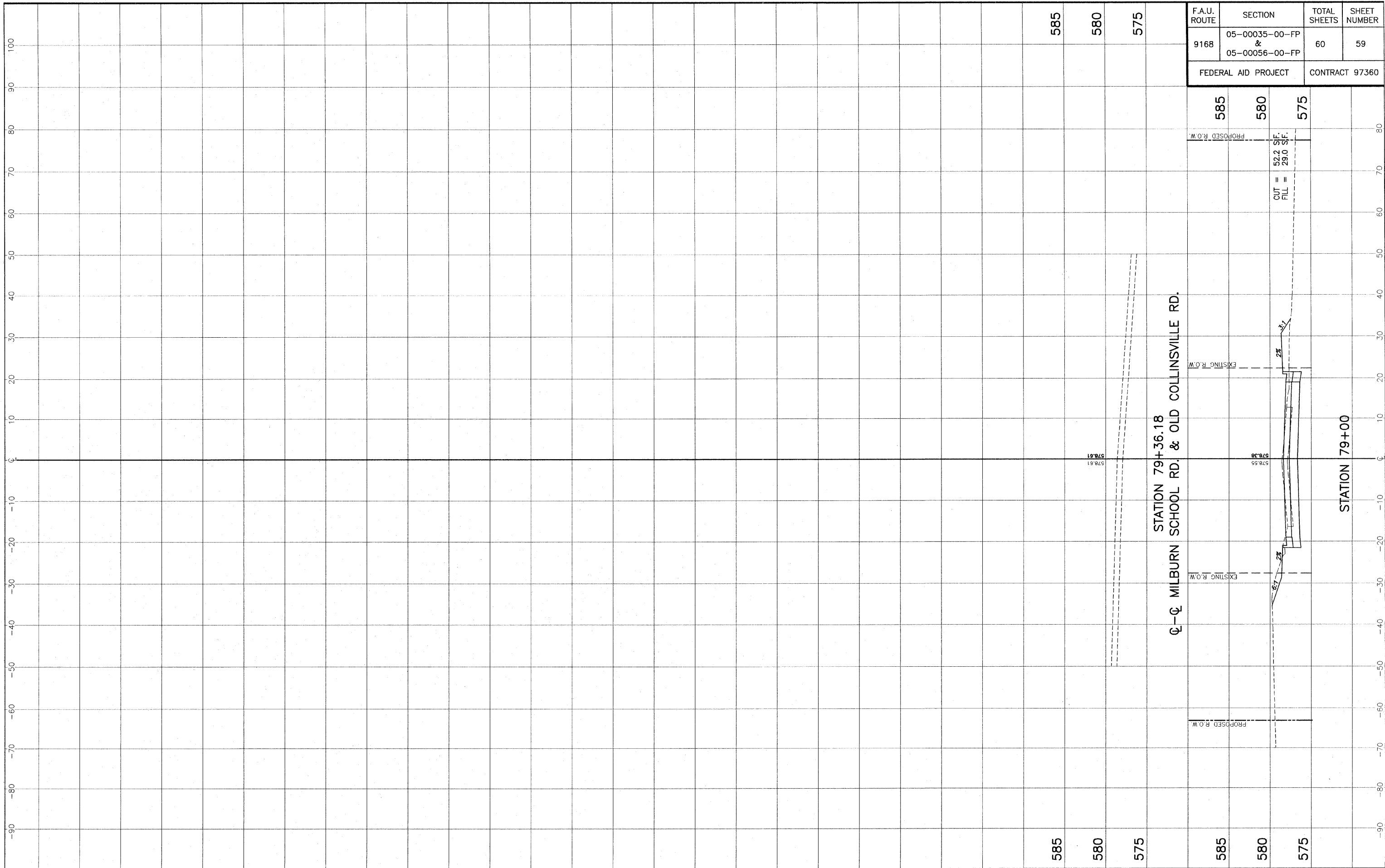


F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP & 05-00056-00-FP	60	58

FEDERAL AID PROJECT CONTRACT 97360

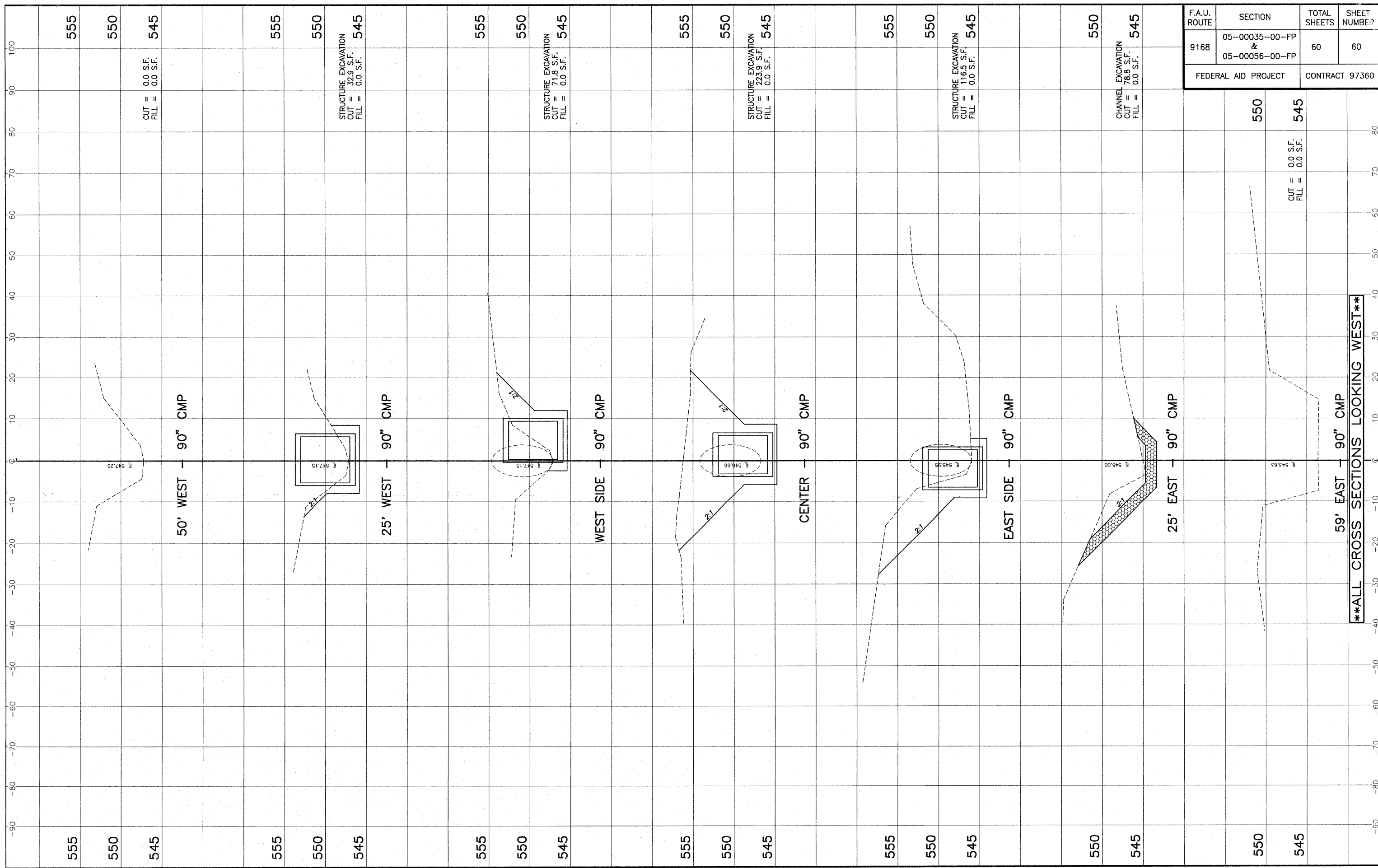
STA. 75+00 - STA. 78+50 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

E:\1105 - Collinsville Road\1105_LB_CROSS SECTIONS.dwg, 07/20/00 10:30:38 AM, P:\msd\hml



STA. 79+00 - STA. 79+36.18 CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

E:\1135 - Other - Old Collinsville Roadway\LA_CROSS SECTIONS.dwg, 4/7/2009 10:35:48 AM, Raster by MLL



F.A.U. ROUTE	SECTION	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP	60	60
	& 05-00056-00-FP		
FEDERAL AID PROJECT		CONTRACT 97360	

CHANNEL CROSS SECTIONS - OLD COLLINSVILLE ROAD IMPROVEMENTS
SECTION 05-00035-00-FP & 05-00056-00-FP ST. CLAIR COUNTY, ILLINOIS

F:\11301-07\Draw - 06 Collinsville Roadway\160_2005E SECTION.dwg, 4/27/2009 10:21:29 AM, P:\DrawBy\A.L.