

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
LOCAL AGENCY PROJECT

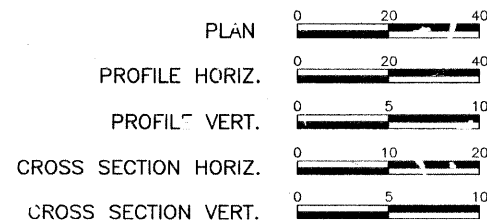
FAU ROUTE 9148 (MILBURN SCHOOL ROAD)  
SECTION 06-00059-00-PV  
SECTION 08-00059-01-PV  
PROJECT NO. M-5011(261)  
CITY OF O'FALLON, ILLINOIS  
ST. CLAIR COUNTY  
JOB NO. C-98-321-09  
STU PROGRAM

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	1
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT			CONTRACT 97447	

INDEX OF SHEETS

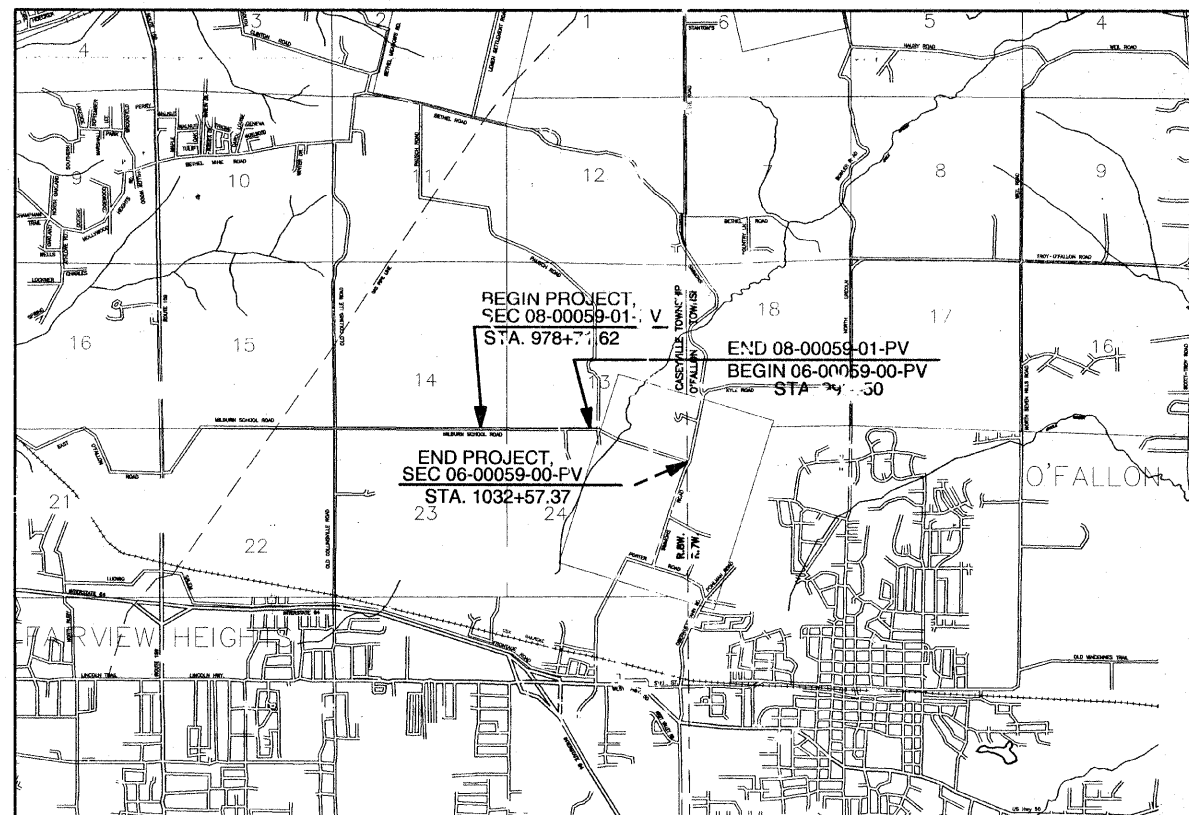
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SCALES:



MILBURN SCHOOL ROAD

ROADWAY DESIGNATION: URBAN LOCAL COLLECTOR  
DESIGN SPEED: 35 M.P.H.  
ROUNDBOULT DESIGN SPEED: 25 M.P.H.  
ADI: CURRENT (2010) 5,200  
20-YEAR (2030) 12,000  
SU = 2.0%



LOCATION I.A.P.  
NOT TO SCALE

SECTION 06-00059-00-PV MILBURN SCHOOL ROAD 3,407.37 FT. = 0.645 MILES (63% TOTAL)  
SECTION 08-00059-01-PV MILBURN SCHOOL ROAD 1,978.38 FT. = 0.375 MILES (37% TOTAL)

MILBURN SCHOOL RD. 3,385.75 FT. = 1.020 MILES

NET LENGTH OF IMPROVEMENT 5,385.75 FT. = 1.020 MILES



ILLINOIS DEPARTMENT OF TRANSPORTATION

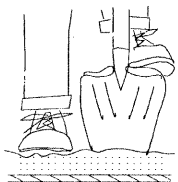
APPROVED: 11/8/10 DATE  
A. J. Arham MAYOR, CITY OF O'FALLON

PASSED: 11-17-10 DATE  
District Eight Engineer of Local Roads & Streets

RELEASING FOR BID BASED ON LIMITED REVIEW: 11-17-10 DATE  
Deputy Director of Highways, Region Five Engineer

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

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



Mark A. Rujawitz  
Mark A. Rujawitz

11/8/2010  
Date of Signing

11/30/2011  
Date of License Expiration



PREPARED BY:  
RHUTAS EL and ASSOCIATES, INC.  
CONSULTING ENGINEERS • LAND SURVEYORS

CORPORATE OFFICE: 4 INDUSTRIAL DRIVE, FREEBURG, ILLINOIS 62243 (618) 539-1179  
REGIONAL OFFICE: 201 SOUTH LOCUST STREET, CENTRALIA, ILLINOIS 62801 (618) 532-1992

# GENERAL NOTES

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	2
STA 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

- 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 2,477 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.

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	
FRICTION AGG	MIXTURE D	MIXTURE B	MIXTURE D

- 11.) CHANGES IN THE VERTICAL OR HORIZONTAL DIMENSIONS OF GUTTERS, CURBS, OR CURB AND GUTTERS, WHEN TRANSITIONS FROM ONE TYPE TO ANOTHER AS SHOWN IN THE PLANS, WILL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR THE TYPE SPECIFIED IN THE PLAN SCHEDULE.
- 12.) THE REMOVAL OF ANY CURB/CURB AND GUTTER SHALL ALSO INCLUDE THE DISCONNECTION OF THE EXISTING CURB/CURB AND GUTTER AND GUTTER FROM ANY REINFORCEMENT OR COLLATERAL MATERIAL THAT MAY BE PRESENTLY ATTACHED. THERE SHALL NOT BE ANY ADDITIONAL RENUMERATION BUT THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE REMOVAL ITEM.
- 13.) WHERE PROPOSED CONCRETE PAVEMENT OR PCC CURB AND GUTTER IS TO BE CONSTRUCTED ADJACENT TO EXISTING CONCRETE PAVEMENT OR PCC CURB AND GUTTER, THE CONTRACTOR SHALL DRILL AND GROUT NO. 6 X 30 EPOXY COATED TIE BARS AT 30" CENTERS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PCC PAVEMENT 8" OR COMBINATION CONCRETE CURB AND GUTTER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 14.) THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT.
- 15.) TEMPORARY CONSTRUCTION EASEMENTS, WHICH PROVIDE FOR WORK THAT IS TO BE DONE, ARE DEPICTED ON THE PLANS AND SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT WHICH IS NECESSARY TO ADJUST THE PROPERTY TO THAT REQUIRED BY THE CONTRACT PLANS. THE CONTRACTOR SHALL NOT USE THE EASEMENT AREAS FOR STORAGE OF MATERIAL OR EQUIPMENT.
- 16.) IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.

### APPLICABLE IDOT HIGHWAY STANDARDS:

280001-05	602401-03	604086-02	701006-03	720011-01
420111-03	602406-04	604091-02	701306-03	728001-01
420701-02	602601-02	606001-04	701311-03	729001-01
424001-05	602701-02	606006-02	701326-04	731001-01
542301-03	604001-03	606301-04	701901-01	780001-02
602301-03	604006-04	606306-03	720001-01	B.L.R. 21-8
602306-03	604036-02	630001-09	720006-02	B.L.R. 22-6

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

ALTHOUGH NO DRIVEWAYS CURRENTLY EXIST, DEPRESSED CURB AND GUTTER HAS BEEN INCLUDED IN THE PLANS FOR FUTURE ENTRANCE CONSTRUCTION ALONG THE FIRST METHODIST CHURCH PARCEL. EXACT LOCATION OF THESE CURB CUT-OUTS MAY VARY PURSUANT TO SITE DEVELOPMENT.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-03059-00-PV 08-03059-01-PV	ST. CLAIR	61	3
STA 978+71.62		TO	STA. 1032+57.37	
FEDERAL PROJECT		CONTRACT 97447		

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	59
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	28
20200100	EARTH EXCAVATION	CU YD	5,186
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,487
20400800	FURNISHED EXCAVATION	CU YD	1,843
20800150	TRENCH BACKFILL	CU YD	1,689
25000100	SEEDING, CLASS 1	ACRE	2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	189
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	189
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	189
25100115	MULCH, METHOD 2	ACRE	2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	209
28000305	TEMPORARY DITCH CHECKS	FOOT	20
28000400	PERIMETER EROSION BARRIER	FL F	3,860
28000500	INLET AND PIPE PROTECTION	EACH	9
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	136
28200200	FILTER FABRIC	SQ YD	136
30201650	PROCESSING MODIFIED SOIL 12"	SQ YD	20,286
30201500	LIME	TON	392
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	4,863
35101400	AGGREGATE BASE COURSE, TYPE B	TON	74
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	61
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	350
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,602
40600300	AGGREGATE (PRIME COAT)	TON	34
40600895	CONSTRUCTING TEST STRIP	EACH	2
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	7,071
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,383
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	28
42000200	PORTLAND CEMENT CONCRETE PAVEMENT 7"	SQ YD	352
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	122
42001200	PAVEMENT FABRIC	SQ YD	352
42001300	PROTECTIVE COAT	SQ YD	6,345
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	214
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	17,278
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	976
42400800	DETECTABLE WARNING	SQ FT	376
44000100	PAVEMENT REMOVAL	SQ YD	14,485
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"	SQ YD	314
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	227
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	565
44000600	SIDEWALK REMOVAL	SQ FT	821
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	543
54200215	PIPE CULVERTS, CLASS D, TYPE 1, 10"	FOOT	20
54200220	PIPE CULVERTS, CLASS D, TYPE 1, 15"	FOOT	55
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	733
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	675

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	488
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	413
550A2380	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 30"	FOOT	12
550A2400	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36"	FOOT	54
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	560
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	1,379
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	127
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	260
55100500	STORM SEWER REMOVAL 12"	FOOT	36
55100700	STORM SEWER REMOVAL 15"	FOOT	385
55101200	STORM SEWER REMOVAL 24"	FOOT	98
55101600	STORM SEWER REMOVAL 36"	FOOT	32
55101800	STORM SEWER REMOVAL 42"	FOOT	64
56109210	WATER VALVES TO BE ADJUSTED	EACH	4
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	1
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	5
60255500	MANHOLES TO BE ADJUSTED	EACH	1
60500060	REMOVING INLETS	EACH	8
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.5
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	10,871
60606200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MODIFIED)	FOOT	151
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	258
60619600	CONCRETE MEDIAN, TYPE SP-6.12	SQ FT	1,994
60624600	CORRUGATED MEDIAN	SQ FT	1,957
* 63000001	SIGNAL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	12.5
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, (SPECIAL) TANGENT	EACH	1
63200310	GUARDRAIL REMOVAL	FOOT	47
67100100	MOBILIZATION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,272
70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	474.6
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	14,358
70300240	TEMPORARY PAVEMENT MARKING-LINE 6"	FOOT	125
70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	437
70300280	TEMPORARY PAVEMENT MARKING-LINE 24"	FOOT	334
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	383
72000100	SIGN PANEL-TYPE 1	SQ FT	290
72000200	SIGN PANEL-TYPE 2	SQ FT	32
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	72
72900100	METAL POST-TYPE A	FOOT	48
72900200	METAL POST-TYPE B	FOOT	421
73000100	WOOD SIGN SUPPORT	FOOT	30

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	8
*78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS & SYMBOLS	SQ FT	474.6
*78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	14,358
*78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	125
*78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FOOT	437
*78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FOOT	334
*78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	75
*78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	33
*78200300	PRISMATIC CURB REFLECTORS	EACH	66
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	1
78201000	TERMINAL MARKERS - DIRECT APPLIED	EACH	1
X0976500	END SECTIONS TO BE REMOVED	EACH	3
X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	2
X6024242	INLETS, SPECIAL, NO. 1	EACH	7
X6024244	INLETS, SPECIAL, NO. 2	EACH	2
X6024246	INLETS, SPECIAL, NO. 3	EACH	39
X6024248	INLETS, SPECIAL, NO. 4	EACH	6
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
*X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	342
Z0022800	FENCE REMOVAL	FOOT	419
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	349
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	283
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	295
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	33
Z0056624	STORM SEWER (WATER MAIN REQUIREMENTS) 42 INCH	FOOT	101
XX008481	REMOVE AND RELAY STORM SEWER 18"	FOOT	44
Z0014000	TRAINERS	HOUR	500

\* SPECIALTY ITEM

**SUMMARY OF QUANTITIES**

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9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	4
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

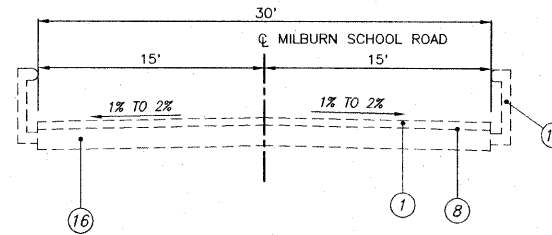
**LEGEND**

- ① EXISTING HOT-MIX ASPHALT RESURFACING (±3")
- ② EXISTING OIL & CHIP PAVEMENT (±3")
- ③ EXISTING AGGREGATE BASE (±6")
- ④ EXISTING AGGREGATE BASE, 8"
- ⑤ EXISTING HOT-MIX ASPHALT, 9"
- ⑥ EXISTING BITUMINOUS AGGREGATE MIXTURE, 5"
- ⑦ EXISTING LIME MODIFIED SOIL, 12"
- ⑧ EXISTING ROLLED CURB & GUTTER
- ⑨ EXISTING WATERPROOF MEMBRANE SYSTEM
- ⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ⑪ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑫ PROPOSED AGGREGATE PRIME COAT
- ⑬ EXISTING PCC SIDEWALK, 4"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1½"
- ⑮ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½"
- ⑯ EXISTING STEEL PLATE BEAM GUARDRAIL
- ⑰ EXISTING PRECAST PRESTRESSED CONCRETE DECK BEAM 27"
- ⑱ EXISTING CURB & GUTTER, TYPE B-6.24
- ⑲ EXISTING PCC PAVEMENT, 8"
- ⑲ PROPOSED PCC WIDENING, 8"
- ⑳ PROPOSED LIME MODIFIED SOIL, 12"
- ㉑ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ㉒ PROPOSED PCC SIDEWALK 4"

**PAVEMENT DESIGN**

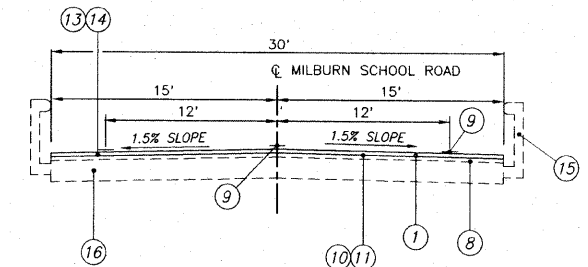
STRUCTURAL DESIGN TRAFFIC: YEAR 2018  
 PV= 11,878 SU= 269 MU= 73  
 ROAD/STREET CLASSIFICATION: URBAN COLLECTOR CLASS ROAD: II  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P= 50 S= 50 M= 50  
 TRAFFIC FACTOR: Actual TF= 0.485 Minimum TF= N/A  
 PG GRADE: Binder= 64-22 Surface= 64-22  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

**MILBURN SCHOOL ROAD TYPICAL SECTIONS**



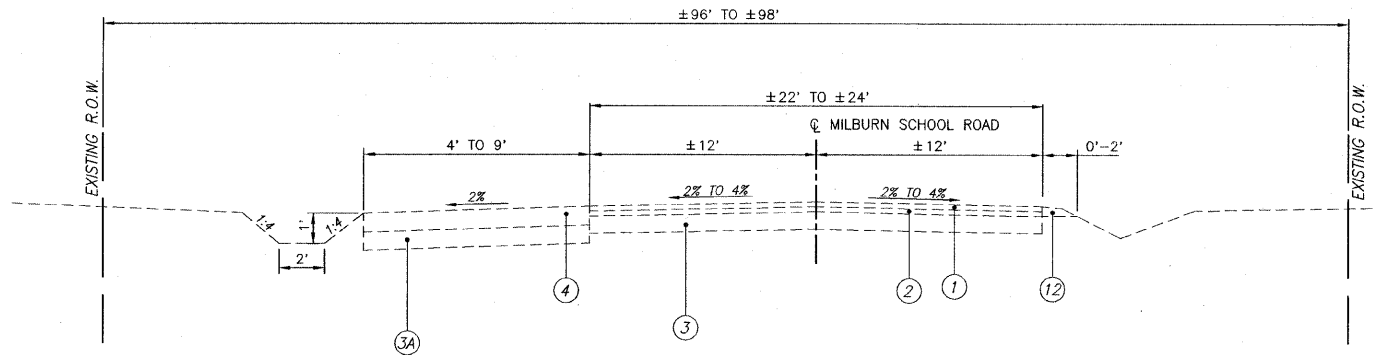
**EXISTING TYPICAL SECTION OVER EXISTING BRIDGE**

N.T.S.  
 SN 082-4124  
 MILBURN SCHOOL ROAD  
 STA. 1008+59.84 TO 1009+54.09



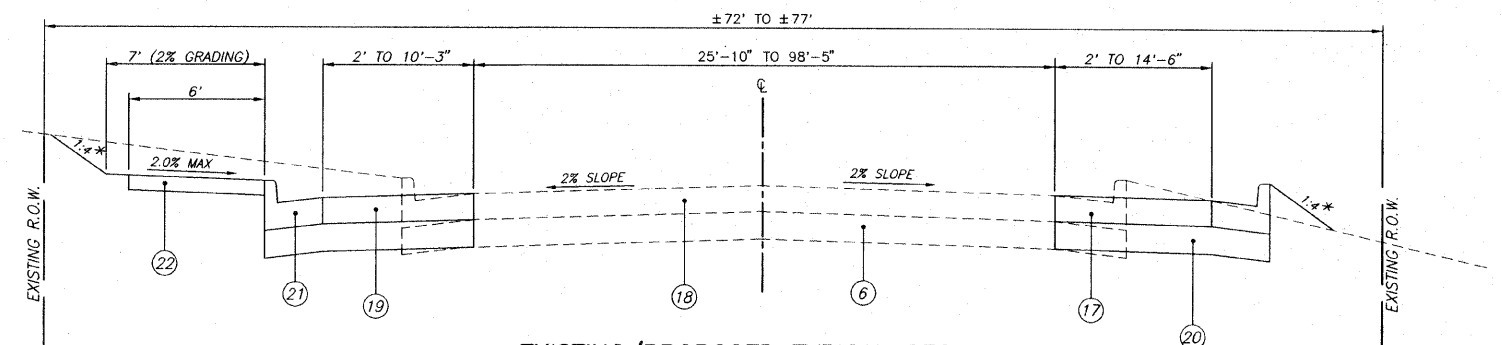
**PROPOSED TYPICAL SECTION OVER EXISTING BRIDGE**

N.T.S.  
 SN 082-4124  
 MILBURN SCHOOL ROAD  
 STA. 1008+59.84 TO 1009+54.09



**EXISTING TYPICAL SECTION**

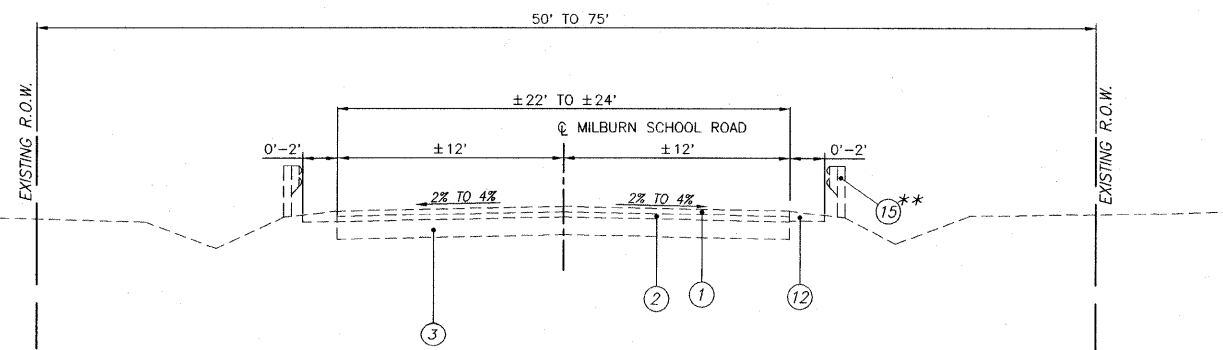
N.T.S.  
 MILBURN SCHOOL ROAD  
 STA. 978+71.62 TO STA. 983+24.41



**EXISTING/PROPOSED TYPICAL SECTION**

N.T.S.  
 MILBURN SCHOOL ROAD  
 STA. 1032+27.04 TO STA. 1032+57.37

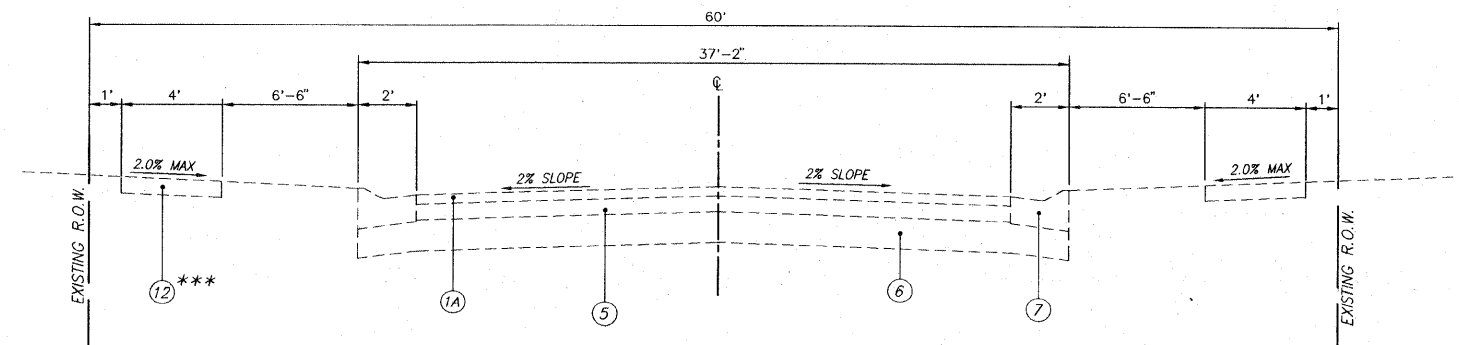
\* - SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES AND ENTRANCE GRADES



**EXISTING TYPICAL SECTION**

N.T.S.  
 MILBURN SCHOOL ROAD  
 STA. 983+24.41 TO STA. 1008+59.84  
 STA. 1009+54.09 TO STA. 1032+27.04

\*\* - STA. 1008+05.72 TO 1009+96.47 LT. & STA. 1008+20.12 TO 1010+07.86 RT.



**EXISTING TYPICAL SECTION**

N.T.S.  
 MERRIAM PARKWAY & MILBURN ESTATES DRIVE  
 STA. 11+00.52 TO STA. 13+65.13

\*\*\* - STA. 11+00.52 TO 11+97.09 LT. & STA. 12+78.33 TO 13+65.13 RT.

**LEGEND**

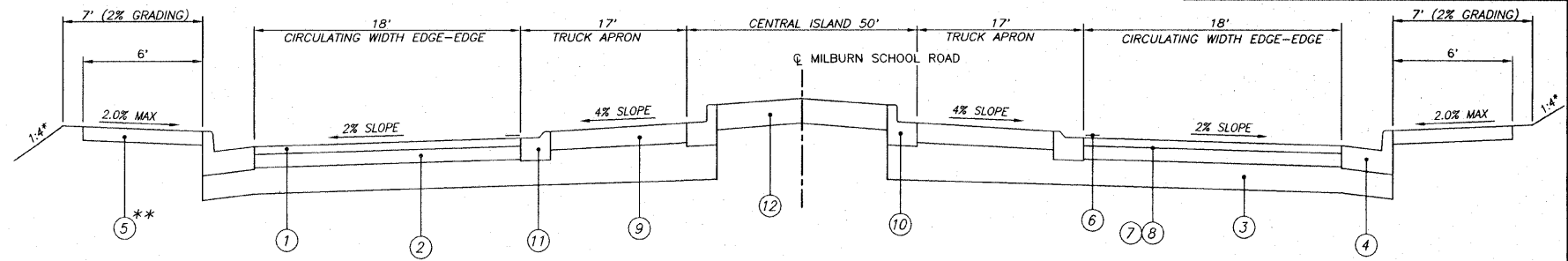
- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- ③ LIME MODIFIED SOIL, 12"
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ P.C.C. SIDEWALK 4"
- ⑥ THERMOPLASTIC PAVEMENT MARKING
- ⑦ BITUMINOUS MATERIALS (PRIME COAT)
- ⑧ AGGREGATE PRIME COAT
- ⑨ PCC PAVEMENT, TERRA COTTA COLORED W/ STAMPED BRICK PATTERN
- ⑩ COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.12 (MODIFIED)
- ⑪ COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.12
- ⑫ TURF CENTRAL ISLAND
- ⑬ CORRUGATED PCC MEDIAN
- ⑮ EXISTING STEEL PLATE BEAM GUARDRAIL

**MILBURN SCHOOL ROAD TYPICAL SECTIONS**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00058-00-PV 08-00058-01-PV	ST. CLAIR	61	5
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

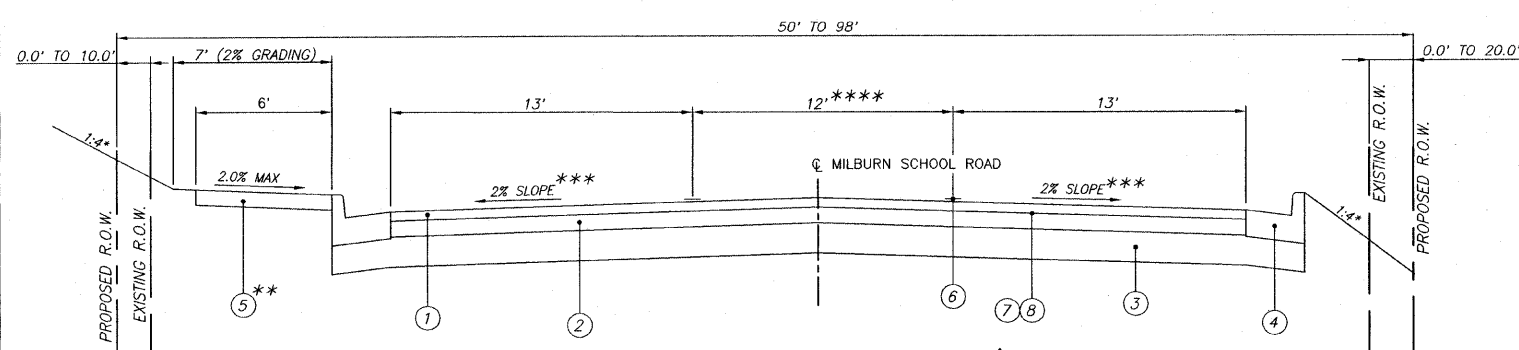
**PAVEMENT DESIGN**

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



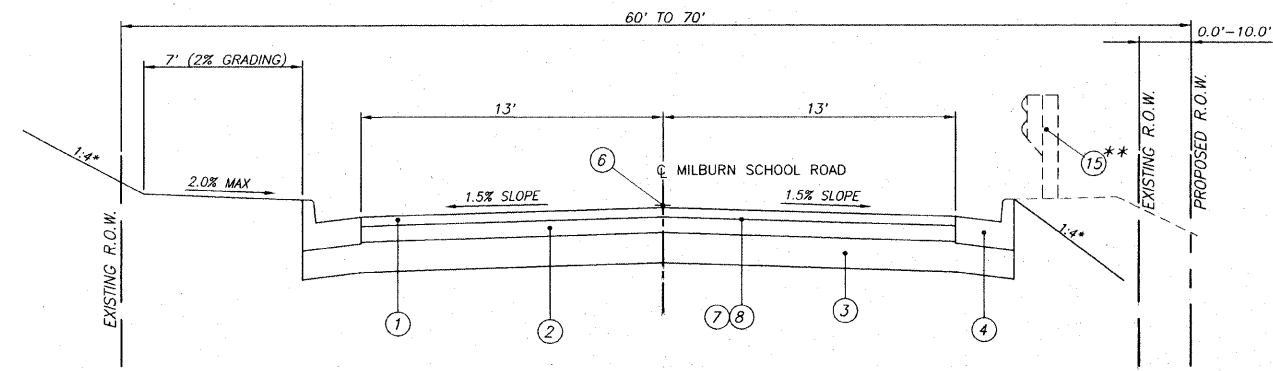
**PROPOSED TYPICAL ROUNDABOUT SECTION**

N.T.S.  
 MILBURN SCHOOL ROAD & MERRIAM PARKWAY/MILBURN ESTATES DRIVE  
 STA. 982+64.94 TO 984+70.06 & STA. 11+29.04 TO 13+45.60  
 \* - SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES AND ENTRANCE GRADES  
 \*\* - SEE PLAN SHEET FOR LOCATIONS



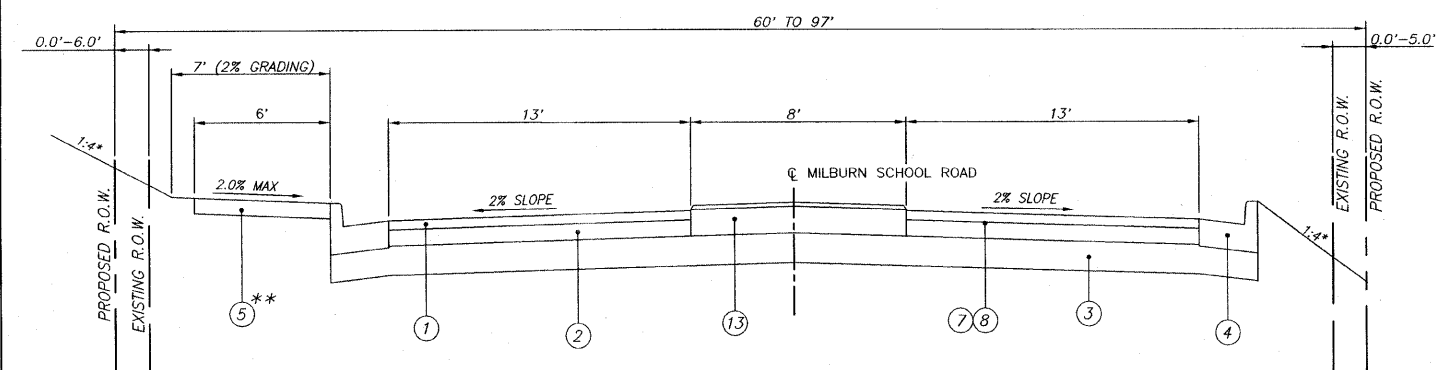
**PROPOSED TYPICAL 3-LANE SECTION W/TRANSITIONS**

N.T.S.  
 MILBURN SCHOOL ROAD  
 STA. 978+71.62 TO 981+02.95, STA. 985+52.51 TO 1002+66.81 & STA. 1017+60.00 TO 1032+27.04  
 \* - SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES AND ENTRANCE GRADES  
 \*\* - GRADING ONLY STA. 978+71.62 TO 981+02.95 & 1003+55.00 TO 1025+06.97  
 \*\*\* - 1.50% SLOPE STA. 1017+60.00 TO 1032+27.04  
 TRANSITION SLOPE FROM 2% TO 1.50% STA. 1002+50.00 TO 1002+66.81  
 \*\*\*\* - 8' STA. 978+71.62 TO 981+02.95, 8' TO 12' STA. 985+52.51 TO 986+32.51 & 0' TO 12' STA. 1017+60.00 TO 1020+00.00



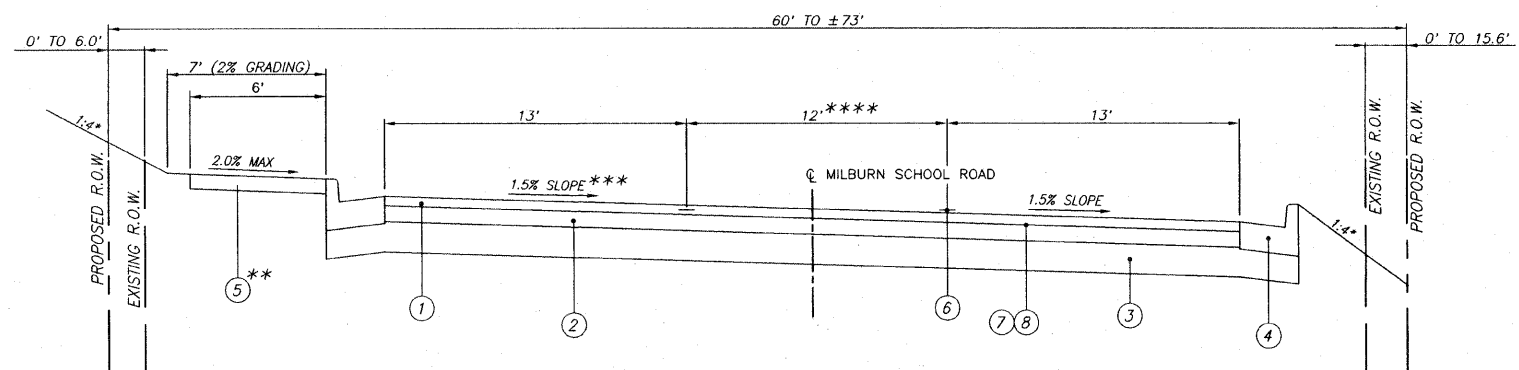
**PROPOSED TYPICAL 2-LANE SECTION**

N.T.S.  
 MILBURN SCHOOL ROAD  
 STA. 1006+57.70 TO 1008+59.84 & STA. 1009+54.09 TO 1017+60.00  
 (SEE BRIDGE TYPICAL FOR SECTION OVER EXISTING STRUCTURE)  
 \* - SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES AND ENTRANCE GRADES  
 \*\* - STA. 1008+05.72 TO 1009+96.47 LT. & STA. 1008+20.12 TO 1010+07.86 RT.



**PROPOSED TYPICAL SECTION W/CORRUGATED PCC MEDIAN**

N.T.S.  
 MILBURN SCHOOL ROAD  
 STA. 981+02.95 TO 982+64.94 & STA. 984+70.06 TO 985+52.51  
 \* - SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES AND ENTRANCE GRADES  
 \*\* - GRADING ONLY STA. 981+02.95 TO 982+64.94



**PROPOSED TYPICAL SUPERELEVATION SECTION**

N.T.S.  
 MILBURN SCHOOL ROAD  
 STA. 1002+66.81 TO STA. 1006+57.70  
 \* - SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES AND ENTRANCE GRADES  
 \*\* - GRADING ONLY STA. 1003+03.00 TO 1006+57.70  
 \*\*\* - SUPERELEVATION ATTAINMENT: N.C. TO S.E. 1.5% - STA. 1002+66.81 TO 1003+18.81  
 S.E. 1.5% TO N.C. - STA. 1006+05.70 TO 1006+57.70  
 \*\*\*\* - 12' TO 0' STA. 1004+06.39 TO 1006+46.39

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	6
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

**STORM SEWER & DRAINAGE STRUCTURE SCHEDULE**

PT	LOCATION		DESCRIPTION	TOP MASONRY (1)	EOP ELEV.	FLOWLINE			
	STATION / OFFSET					N	S	E	W
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50									
1	978+71.82	22.46'L	FES- 15" CMP	-----	-----				551.00
2	978+72.54	24.94'R	FES- 15" CMP	-----	-----				551.00
3	979+02.94	21.00'L	INLET SPECIAL, NO. 3	552.92	-----		548.82	548.82	549.50
4	979+02.94	21.00'R	INLET SPECIAL, NO. 3	552.92	-----	548.43		548.33	549.50
5	981+02.94	21.00'L	INLET SPECIAL, NO. 3	548.64	-----		544.54	544.54	
6	981+02.94	21.00'R	INLET SPECIAL, NO. 3	548.64	-----	544.15		543.99	544.33
7	982+29.63	21.00'L	INLET SPECIAL, NO. 4	546.90	-----		542.99	542.99	
8	982+29.63	21.00'R	INLET SPECIAL, NO. 4	546.90	-----	542.60		542.50	542.75
9	983+10.82	31.98'L	MH TY A 6", TY 24 F&G *	-----	547.44	544.25	542.27	544.25	
10	983+10.82	31.71'R	MH TY A 5", TY 24 F&G *	-----	547.33	542.00	541.69		542.10
11	983+19.61	58.78'L	MH TYA 5", TY 1 F&CL *	594.00	-----	544.51	544.41		544.41
12	983+40.56	67.02'L	MH TYA 4", TY 3 F&G *	-----	547.48				545.05
13	983+96.24	67.40'L	INLET TY A, TY 3 F&G	-----	547.48				545.34
14	983+85.83	117.33'L	INLET TY A, TY 24 F&G	-----	548.13				545.34
15	983+46.82	117.14'L	INLET TY B, TY 23 F&G *	-----	548.11	544.98	544.86	544.96	
16	983+38.85	78.62'R	MH TY A 4", TY 24 F&G *	-----	546.87			541.76	541.66
17	983+10.82	74.00'R	PRC FES - 42"	-----	-----		541.50		
17a	983+19.10	79.30'R	PRC FES - 24"	-----	-----				541.57
18	983+84.79	76.42'R	MH TYA 4", TY 24 F&G *	-----	546.80			542.09	541.98
19	984+74.91	23.50'L	INLET SPECIAL, NO. 4	547.14	-----		543.09		
20	984+74.91	23.50'R	INLET SPECIAL, NO. 4	547.14	-----	542.69		542.80	542.59
21	985+52.50	23.50'L	INLET SPECIAL, NO. 3	548.02	-----		543.92		
22	985+52.50	23.50'R	INLET SPECIAL, NO. 3	548.02	-----	543.54		543.74	543.30
23	987+02.50	23.50'L	INLET SPECIAL, NO. 3	550.15	-----		546.00		
24	987+02.50	23.50'R	INLET SPECIAL, NO. 3	550.15	-----	545.57		545.42	545.20
25	988+77.51	23.00'L	INLET SPECIAL, NO. 3	552.69	-----		548.59		
26	988+77.51	23.00'R	INLET SPECIAL, NO. 3	552.69	-----	548.16		548.30	548.00
27	990+52.51	23.00'L	INLET SPECIAL, NO. 3	556.04	-----		551.94		
28	990+52.51	23.00'R	INLET SPECIAL, NO. 3	556.04	-----	551.51		551.52	551.31
29	992+50.00	23.00'L	INLET SPECIAL, NO. 3	560.54	-----		556.44		
30	992+50.00	23.00'R	INLET SPECIAL, NO. 3	560.54	-----	556.01		556.25	555.81
29a	994+25.00	23.00'L	INLET SPECIAL, NO. 3	565.18	-----		561.08		
30a	994+25.00	23.00'R	INLET SPECIAL, NO. 3	565.18	-----	560.65			560.55
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37									
31	998+75.00	23.00'L	INLET SPECIAL, NO. 1	564.49	-----			560.39	
32	998+75.00	23.00'R	INLET TY B, TY 24 F&G	-----	564.11	559.63		559.53	
34	1000+62.52	23.00'L	INLET SPECIAL, NO. 1	552.58	-----		548.48		
35	1000+62.52	23.00'R	INLET TY B, TY 24 F&G	-----	552.20	547.62		547.00	548.43
36	1002+50.00	23.00'L	INLET SPECIAL, NO. 1	540.59	-----			533.71	
37	1002+50.00	23.00'R	INLET TY B, TY 24 F&G	-----	540.21			534.98	534.50
38	1003+02.68	25.07'L	MH TY A 5", TY 24 F&G	-----	538.35	533.62	531.59		531.89
39	1003+30.75	18.92'R	MH TY A 5", TY 24 F&G	-----	536.97	530.50		530.25	530.75
40	1003+16.24	46.67'L	INLET TY B, TY 3 F&G	-----	537.66		533.86	533.96	
41	1003+41.98	47.28'L	INLET TY A, TY 24 F&G	-----	537.66				534.26
42	1004+00.00	23.50'R	INLET SPECIAL, NO. 3	534.80	-----			528.88	527.50
43	1005+00.00	21.54'R	INLET SPECIAL, NO. 3	531.15	-----			525.45	524.25
44	1006+00.00	18.80'L	INLET SPECIAL, NO. 3	527.96	-----		523.46		
45	1006+00.00	18.80'R	INLET SPECIAL, NO. 3	527.52	-----	522.78		521.27	522.20
46	1007+69.22	17.50'L	INLET SPECIAL, NO. 3	521.31	-----	516.50			516.38
47	1007+69.22	17.50'R	INLET SPECIAL, NO. 3	521.31	-----		517.28	517.58	514.50
48	1008+45.76	24.32'L	PRC FES 18"	-----	-----				503.80
49	1009+57.62	33.96'R	PRC FES 24"	-----	-----				503.80
50	1010+00.00	32.00'R	MH TYA 5", TY 1 F&OL *	510.07	-----			504.74	504.64
51	1010+79.98	17.50'L	INLET SPECIAL, NO. 2	514.34	-----		509.74	507.84	
52	1010+79.98	17.50'R	INLET SPECIAL, NO. 2	514.34	-----	509.12		506.62	506.34
53	1011+81.61	17.50'L	INLET SPECIAL, NO. 3	515.21	-----		510.12		
54	1011+81.61	17.50'R	INLET SPECIAL, NO. 3	515.21	-----	509.50		508.92	508.62
55	1013+74.33	17.50'L	INLET SPECIAL, NO. 3	519.17	-----		514.45	515.39	
56	1013+74.33	17.50'R	INLET SPECIAL, NO. 3	519.17	-----	513.83		514.27	513.50
57	1013+95.47	24.55'L	INLET SPECIAL, NO. 1	519.59	-----			514.27	516.24
58	1015+74.33	17.00'L	INLET SPECIAL, NO. 3	526.00	-----		521.57		
59	1015+74.33	17.00'R	INLET SPECIAL, NO. 3	526.00	-----	520.95		520.73	519.00
60	1017+50.00	17.00'L	INLET SPECIAL, NO. 3	536.94	-----		530.83		
61	1017+50.00	17.00'R	INLET SPECIAL, NO. 3	536.94	-----	530.21		530.98	528.00
62	1018+78.32	15.82'R	MH TYA 4", TY 24 F&G	-----	546.68			541.33	540.04
63	1020+02.35	23.00'L	INLET SPECIAL, NO. 3	556.06	-----		551.54		
64	1020+01.87	20.00'R	MH TYA 4", TY 24 F&G	-----	555.67	550.74		550.74	549.00
65	1021+72.95	23.00'L	INLET SPECIAL, NO. 1	562.94	-----		559.04		
66	1021+72.95	23.00'R	INLET SPECIAL, NO. 1	562.94	-----	558.18		558.35	558.00
67	1023+24.20	23.00'L	INLET SPECIAL, NO. 1	565.93	-----		561.83		
68	1023+24.20	23.00'R	INLET SPECIAL, NO. 1	565.93	-----	560.97			560.87
69	1025+93.93	45.12'L	INLET TY A, TY 3 F&G	-----	568.22			564.14	
70	1026+21.64	45.54'L	INLET TY B, TY 24 F&G	-----	567.97		563.48		563.58
71	1026+35.88	20.00'R	INLET TY B, TY 24 F&G	-----	566.71	562.50		562.00	

(1) - AT FACE OF CURB (INCLUDES LID)  
(\*) - DENOTES FLAT SLAB TOP

NOTE: OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE.  
PLEASE REFER TO MISCELLANEOUS DETAIL SHEET 44 FOR DIMENSIONS OF INLET SPECIAL, TYPE SPECIFIED.

**STORM SEWER & DRAINAGE STRUCTURE SCHEDULE (CONT.)**

PT	LOCATION		DESCRIPTION	TOP MASONRY (1)	EOP ELEV.	FLOWLINE			
	STATION / OFFSET					N	S	E	W
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37 (CONT)									
72	1027+50.00	23.50'L	INLET SPECIAL, NO. 3	562.36	-----			558.26	
73	1027+50.00	23.00'R	INLET SPECIAL, NO. 3	562.36	-----	557.40		557.20	558.39
74	1028+83.34	23.50'L	INLET SPECIAL, NO. 3	559.76	-----			554.00	554.18
75	1028+83.34	23.50'R	INLET SPECIAL, NO. 3	559.76	-----	553.14		552.18	552.50
76	1028+66.16	34.55'R	PRC FES 30"	-----	-----			552.00	
77	1029+17.58	23.50'L	INLET SPECIAL, NO. 4	559.50	-----				554.98
78	1029+17.58	23.50'R	INLET SPECIAL, NO. 4	559.50	-----				553.10
79	1029+69.39	35.08'L	INLET TYPE A, TYPE B GRATE	558.50	-----		556.84		
80	1029+71.48	23.50'R	INLET SPECIAL, NO. 3	559.85	-----			554.50	554.20
81	1029+71.48	23.50'L	INLET SPECIAL, NO. 3	559.85	-----	556.50			556.00
82	1030+96.48	23.00'L	INLET SPECIAL, NO. 3	562.55	-----		558.45		
83	1030+96.48	23.00'R	INLET SPECIAL, NO. 3	562.55	-----	557.80		557.58	557.30
84	1032+23.61	25.23'L	MH TY A, 4" TY 24 F&G *	-----	565.46			562.30	561.80
85	1032+56.97	52.49'L	EXISTING INLET	-----	566.45			563.72	
86	1032+22.72	23.60'R	MH TY A, 4" TY 24 F&G *	-----	565.59	561.11			561.78
87	1032+33.56	23.00'R	INLET TYPE B, TY 1 F&CL *	-----	566.02			562.56	562.00

(1) - AT FACE OF CURB (INCLUDES LID)  
(\*) - DENOTES FLAT SLAB TOP

NOTE: OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE.  
PLEASE REFER TO MISCELLANEOUS DETAIL SHEET 44 FOR DIMENSIONS OF INLET SPECIAL, TYPE SPECIFIED.

**ENTRANCE / SIDEROAD SCHEDULE**

STATION	EXISTING SURFACE	TYPE	"L"		DRIVEWAY PAV'T REMOVAL SQ. YD.	INCIDENTAL HOT-MIX ASPHALT SURFACING TON	AGG. BASE COURSE, TY B, 8" TON	PCC DRIVEWAY PAVEMENT, 6" SQ. YD.	AGG. SURFACE COURSE, TY B, 6" TON	COMMENTS
			FOOT	FOOT						
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50										
989+00.00 RT.	TURF	F.E.	8.3	24.0				22.1	1.3	
989+97.04 LT.	TURF	F.E.	6.0	24.0						SEE PCC SIDEWALK SCHEDULE
992+28.50 RT.	AGGREGATE	P.E.	46.7	12.0				12.0	18.0	
994+09.85 RT.	ASPHALT	P.E.	56.1	13.5	93.4	7.2	19.0	14.0		SKewed SEE PLAN SHEET
995+33.42 LT.	AGGREGATE	P.E.	17.2	24.0					3.9	SEE PCC SIDEWALK SCHEDULE
995+80.80 RT.	AGGREGATE	P.E.	35.1	12.0				12.0	12.9	
996+99.34 LT.	AGGREGATE	P.E.	18.3	15.0					6.8	SEE PCC SIDEWALK SCHEDULE
997+79.82 RT.	ASPHALT	P.E.	18.0	20.0	63.8	4.5	11.8	17.3		
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37										
999+02.37 RT.	ASPHALT	P.E.	12.7	12.0	28.3	1.5	4.0	12.0		
999+16.04 LT.	OIL & CHIP	P.E.	14.5							



**MANHOLE AND INLET SCHEDULE (CONT.)**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	8
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

PT	LOCATION STATION / OFFSET	INLET												MANHOLE TYPE A						PRECAST FLARED END SECTIONS				RELOCATED STEEL END SECTION	
		INLET SPECIAL				INLET TYPE A				INLET TYPE B				4"	4"	5"	5"	5"	5"	6"	18"	24"	30"	42"	15"
		NO. 1 (EACH)	NO. 2 (EACH)	NO. 3 (EACH)	NO. 4 (EACH)	TY 3 F&G (EACH)	TY 8 F&G (EACH)	TY 24 F&G (EACH)	TY 3 F&G (EACH)	TY 23 F&G (EACH)	TY 24 F&G (EACH)	TY 1 F&CL (EACH)	TY 24 F&G (EACH)	TY 3 F&G (EACH)	TY 23 F&G (EACH)	TY 24 F&G (EACH)	TY 1 F&OL (EACH)	TY 24 F&G (EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)		
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37 (CONT)																									
74	1028+83.34 23.50'L			1																					
75	1028+83.34 23.50'R			1																					
76	1028+66.16 34.55'R																				1				
77	1029+17.58 23.50'L																								
78	1029+17.58 23.50'R																								
79	1029+71.48 30.50'L																								
80	1029+71.48 23.50'R			1																					
81	1029+71.48 23.50'L			1																					
82	1030+96.48 23.00'L			1																					
83	1030+96.48 23.00'R			1																					
84	1032+23.61 25.23'L												1												
85	1032+56.97 52.49'L																								
86	1032+22.72 23.60'R												1												
87	1032+33.56 23.00'R																								
SUBTOTAL (THIS PAGE)																									
STA. 978+71.62 TO 998+50.00		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA. 998+50.00 TO 1032+57.37		0	0	6	2	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	1	0	0	0	
SUBTOTAL (PREVIOUS PAGE)																									
STA. 978+71.62 TO 998+50.00		0	0	16	4	1	0	1	0	1	0	0	1	1	0	1	0	1	2	0	1	0	1	2	
STA. 998+50.00 TO 1032+57.37		7	2	17	0	1	0	1	1	0	5	0	2	0	0	2	1	0	0	1	1	0	0	0	
SUBTOTAL SUMMARY																									
STA. 978+71.62 TO 998+50.00		0	0	16	4	1	0	1	0	1	0	0	1	1	0	1	0	1	2	0	1	0	1	2	
STA. 998+50.00 TO 1032+57.37		7	2	23	2	1	1	1	1	0	5	1	4	0	0	2	1	0	0	1	1	1	0	0	
TOTAL		7	2	39	6	2	1	2	1	1	5	1	5	1	0	3	1	1	2	1	2	1	2	2	

**PAVING SCHEDULE**

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 (PRIME COAT)	HMA SURFACE CRSE., MIX "D", N70, 2"	PCC PAVEMENT, 7"	PAVEMENT FABRIC	PCC PAVEMENT, 8"
	SQ YD	TON	SQ YD	TON	GALLON	TON	TON	SQ YD	SQ YD	SQ YD
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50										
MILBURN SCHOOL ROAD										
STA. 978+71.62 TO 982+25.00 C	----	----	1,490	401	90	2	134	----	----	----
STA. 982+25.00 TO 985+55.00 C	----	----	1,288	248	55	1	83	----	----	----
STA. 983+27.00 TO 984+08.00 C	----	----	SEE NOTE	----	----	----	----	352	352	----
STA. 985+55.00 TO 998+50.00 C	6,193	119	----	1,828	408	8	609	----	----	----
MILBURN ESTATES DRIVE										
STA. 983+03.21 RT. TO 11+29.03 C	----	----	838	196	44	1	66	----	----	----
MERRIAM PARKWAY										
STA. 983+15.35 LT. TO 13+53.30 C	----	----	795	202	45	1	67	----	----	----
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37										
MILBURN SCHOOL ROAD										
STA. 998+50.00 TO 1003+30.00 C	2,294	44	----	680	152	3	226	----	----	----
STA. 1003+30.00 TO 1008+59.84 C	2,110	41	----	605	135	3	202	----	----	----
STA. 1008+59.84 TO 1009+54.06 C	----	----	----	----	23	0.5	26 *	----	----	----
STA. 1009+54.06 TO 1016+50.00 C	2,416	47	----	675	151	3	225	----	----	----
STA. 1016+50.00 TO 1020+25.00 C	1,486	29	----	428	95	2	142	----	----	----
STA. 1020+25.00 TO 1026+00.00 C	2,799	54	----	827	185	4	276	----	----	----
STA. 1026+00.00 TO 1032+27.04 LT.	2,988	58	----	885	198	4	295	----	----	----
STA. 1032+27.04 TO 1032+55.59 LT.	----	----	44	----	----	----	----	----	----	31
STA. 1032+27.04 TO 1032+55.59 RT.	----	----	120	----	----	----	----	----	----	91
PAUSCH ROAD										
STA. 1002+50.03 TO 1003+74.31 LT.	----	----	148	50	11	0.5	17	----	----	----
RED HAWK RIDGE LANE										
STA. 1025+64.89 TO 1026+50.44 LT.	----	----	140	46	10	0.5	15	----	----	----
SUBTOTAL STA. 978+71.62 TO 998+50	6,193	119	4,411	2,875	642	13	959	352	352	0
SUBTOTAL STA. 998+50 TO 1032+57.37	14,093	273	452	4,196	960	21	1,424	0	0	122
TOTAL	20,286	392	4,863	7,071	1,602	34	2,383	352	352	122

NOTE: THE QUANTITY OF SUBBASE GRANULAR MATERIAL, TYPE A, 12" IS INCLUDED IN THE QUANTITY SHOWN FROM STATION 982+25 TO 985+00.  
 \* THE PROPOSED THICKNESS OF THE HMA SURFACE COURSE IS 1-1/2" FROM STATION 1008+59.84 TO STATION 1009+54.06.

**SEEDING SCHEDULE**

LOCATION	SEEDING CLASS 1	MULCH METHOD 2	FERTILIZER NUTRIENTS			TEMPORARY EROSION CONTROL SEEDING
	ACRE	ACRE	NITROGEN POUND	PHOSPHORUS POUND	POTASSIUM POUND	POUND
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50						
STA. 978+71.62 TO STA 983+50.00	0.20	0.20	18.0	18.0	18.0	20
STA. 983+50.00 TO STA 998+50.00	0.34	0.34	30.6	30.6	30.6	34
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37						
STA. 998+50.00 TO STA 1003+50.00	0.25	0.25	22.5	22.5	22.5	25
STA. 1003+50.00 TO STA 1008+59.84	0.30	0.30	27.0	27.0	27.0	30
STA. 1009+54.06 TO STA 1026+00.00	0.67	0.67	60.3	60.3	60.3	67
STA. 1026+00.00 TO STA 1032+58.17	0.33	0.33	29.7	29.7	29.7	33
SUBTOTAL STA. 978+71.62 TO 998+50	0.5	.5	49	49	49	54
SUBTOTAL STA. 998+50 TO 1032+57.37	1.5	1.5	140	140	140	155
TOTAL	2	2	189	189	189	209

**CURB AND GUTTER SCHEDULE**

LOCATION	C & G TYPE B6.24	C & G TYPE B9.12 (MODIFIED)	C & G TYPE M2.12
	FOOT	FOOT	FOOT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50			
STA. 978+71.62 RT TO 982+85.50 RT	416		
STA. 982+85.50 RT TO 11+54.81 LT	83		
STA. 11+54.81 LT TO 11+00.53 LT	40		
STA. 978+71.62 LT TO 982+85.50 LT	415		
STA. 982+85.50 LT TO 13+12.82 LT	77		
STA. 13+12.82 LT TO 13+53.30 LT	55		
STA. 983+25.50 TO 984+09.50 LT/RT			258
STA. 983+42.50 TO 983+92.50 LT/RT		151	
STA. 11+34.52 RT TO 11+57.50 RT	24		
STA. 11+57.50 RT TO 984+48.81 RT	83		
STA. 984+48.81 RT TO 998+50 RT	1,402		
STA. 13+65.12 RT TO 13+14.00 LT	52		
STA. 13+14.00 LT TO 984+48.64 LT	85		
STA. 984+48.64 LT TO 998+50 LT	1,402		
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37			
STA. 998+50 LT TO 1003+18.07 LT	484		
STA. 998+50 RT TO 1008+66.75 RT	1,017		
STA. 1003+40.69 LT TO 1008+52.96 LT	542		
STA. 1009+47.05 LT TO 1025+94.50 LT	1,657		
STA. 1009+61.07 RT TO 1032+58.17 RT	2,370		
STA. 1026+20.70 LT TO 1032+58.17 LT	667		
SUBTOTAL STA. 978+71.62 TO 998+50	4,134	151	258
SUBTOTAL STA. 998+50 TO 1032+57.37	6,737	0	0
TOTAL	10,871	151	258



**STORM SEWER SCHEDULE**

No.	STRUCTURE PT. - PT.	RUBBER GASKET, CLASS A										PIPE CULVERTS, TYPE 1, CMP	HDPE	WATER MAIN REQUIREMENTS					TRENCH BACKFILL (CU YD)
		TYPE 1					TYPE 2							12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	42" (FOOT)	
		12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)								
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50																			
1	1 - 3											28				0			
2	3 - 4		39													6			
3	2 - 4											27				0			
4	4 - 6		200													38			
5	5 - 6	39														6			
6	6 - 8		124													22			
7	7 - 8		39													6			
8	8 - 10			78												16			
9	11 - 9											44*				14			
10	12 - 9		40													9			
11	13 - 12	54														7			
12	15 - 12		48													6			
13	14 - 15	38														5			
14	9 - 10					54										9			
15	10 - 17														33	5			
16	16 - 17a															6			
17	18 - 16															11			
18	20 - 18														101	18			
19	19 - 20		41													7			
20	22 - 20			73												13			
21	21 - 22	39														6			
22	24 - 22			146												26			
23	23 - 24	43														7			
24	26 - 24								172							33			
25	25 - 26	43														7			
26	28 - 26								172							33			
27	27 - 28	43														7			
28	30 - 28								195							37			
29	29 - 30	43														7			
29a	30a - 30							172								33			
30a	29a - 30a	43														7			
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37																			
30	31 - 32		43																
32	32 - 35							185								37			
33	34 - 35	43														8			
34	35 - 37								185							56			
35	37 - 39												76			30			
36	36 - 38										50					48			
37	40 - 38								24							8			
38	41 - 40	27														4			
39	38 - 39									48						35			
40	39 - 42													61		25			
41	42 - 43									91						9			
42	43 - 45									91						8			
43	44 - 45							34								7			
44	45 - 47			164												38			
45	47 - 46			31												5			
46	46 - 48			63												0			
47	50 - 49				35											0			
48	52 - 50									80						10			
49	51 - 52		31													5			
50	54 - 52									100						64			
51	53 - 54		31													5			
52	56 - 54													191		49			
53	55 - 56		31													5			
54	57 - 55	19														0			
55	59 - 56									197						55			
56	58 - 59	31														5			
57	61 - 59								173							61			
58	60 - 61	31														5			
59	62 - 61									125						32			
60	64 - 62									121						48			
61	63 - 64	40														9			
62	66 - 64							169								43			
63	65 - 66	43														8			
64	68 - 66										148					35			
65	67 - 68	43														8			
66	69 - 70	28														5			
67	70 - 71										65					14			
68	71 - 73											111				21			
69	72 - 73										43					8			
70	73 - 75									131						46			
71	75 - 76					12										0			
72	74 - 75												43			17			
73	77 - 74									31						8			
74	81 - 74		51													7			
75	78 - 75										30					19			
76	80 - 78										50					18			
77	79 - 81												9			0			
78	83 - 80						122									29			
79	82 - 83											43				7			
80	86 - 83						123									25			
81	84 - 86												46			6			
82	85 - 84												41			2			
83	87 - 86			11												2			
SUBTOTAL STA. 978+71.62-998+50		385	531	219	133	0	54	172	539	0	0	55	44	0	0	101	33	407	
SUBTOTAL STA. 998+50-1032+57.37		348	144	269	280	12	0	388	790	427	260	0	0	349	283	295	0	1,007	
TOTAL		733	675	488	413	12	54	560	1,329	427	260	55	44	349	283	295	101	1,414	

\* STORM SEWER RUN NO. 9 CONSISTS OF 2-18" HDPE STORM SEWER 22 LF EACH (SEE DRAINAGE REMOVAL SCHEDULE).

**TRENCH BACKFILL SCHEDULE**

LOCATION	TRENCH BACKFILL (CU YD)
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50	
STORM SEWER SCHEDULE	407
DRAINAGE REMOVAL SCHEDULE	191
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37	
STORM SEWER SCHEDULE	1,007
DRAINAGE REMOVAL SCHEDULE	84
SUBTOTAL STA. 978+71.62 TO 998+50	598
SUBTOTAL STA. 998+50 TO 1032+57.37	1,091
TOTAL	1,689

**ADJUSTMENT SCHEDULE**

LOCATION	WATER VALVES TO BE ADJUSTED	MANHOLE TO BE ADJUSTED
	EACH	EACH
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50		
STA 983+96 RT	1	
STA 984+03 RT	1	
STA 11+78 RT		1
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37		
STA 1003+67 RT	1	
STA 1032+11 RT	1	
SUBTOTAL STA. 978+71.62 TO 998+50	2	1
SUBTOTAL STA. 998+50 TO 1032+57.37	2	0
TOTAL	4	1

**PCC SIDEWALK SCHEDULE**

LOCATION	P.C.C. SIDEWALK, 4"	P.C.C. SIDEWALK, 6"	DETECTABLE WARNINGS
	SQ FT	SQ FT	
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50			
STA. 982+62.21 LT. TO 13+34.88 LT.	732		
STA. 982+62.74 RT. TO 11+32.94 LT.	690		
STA. 982+73.27 LT.			20
STA. 982+74.00 RT.			20
STA. 982+78.50 LT. & RT.			40
STA. 11+43.82 LT.			20
STA. 11+47.62 LT. & RT.			40
STA. 13+21.60 LT. & RT.			40
STA. 13+23.81 LT.			20
STA. 11+34.43 RT. TO 984+71.63 RT.	762		
STA. 13+37.47 RT. TO 989+79.11 LT.	3814		
STA. 11+45.98 RT.			20
STA. 13+25.20 RT.			20
STA. 984+56.48 LT. & RT.			40
STA. 984+60.22 LT.			20
STA. 984+60.24 RT.			20
STA. 989+79.11 TO 990+15.11 LT.		216	
STA. 990+15.11 TO 995+15.41 LT.	3002		
STA. 995+15.41 TO 995+51.41 LT.		216	
STA. 995+51.41 TO 996+85.84 LT.	807		
STA. 996+85.84 TO 997+12.84 LT.		162	
STA. 997+12.84 TO 998+46.66 LT.	1103		
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37			
STA. 998+96.66 TO 998+82.66 LT.		229	
STA. 998+82.66 TO 1003+15.19 LT.	2316		
STA. 1003+10.87 LT.			12
STA. 1003+43.49 TO 1003+60.00 LT.	152		
STA. 1003+47.09 LT.			12
STA. 1025+32.94 TO 1025+91.11 LT.	387		
STA. 1025+87.80 LT.			12
STA. 1026+23.35 TO 1030+02.01 LT.	2479		
STA. 1025+26.61 LT.			12
STA. 1030+02.01 TO 1030+57.81 LT.		155	
STA. 1030+57.81 TO 1032+51.08 LT.	1034		
STA. 1032+48.06 LT.			8
SUBTOTAL STA. 978+71.62 TO 998+50	10,910	594	320
SUBTOTAL STA. 998+50 TO 1032+57.37	6,368	384	56
TOTAL	17,278	978	376

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
914B	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	9
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	10
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

PAVEMENT MARKING SCHEDULE

LOCATION	THERMOPLASTIC PAVEMENT MARKINGS										PAINT PAVEMENT MARKING		PRISMATIC CURB REFLECTORS		POLYUREA PAVEMENT MARKINGS		SHORT TERM PAVEMENT MARKING	
	SOLID WHITE 4" LANE LINE	SOLID YELLOW 4" LANE LINE	WHITE 12" LANE LINE	YELLOW SKIP DASH 4" LANE LINE	SOLID DOUBLE YELLOW 4" LANE LINE	SOLID DIAGONAL 12" LANE LINE	SOLID WHITE 24" BAR	SOLID WHITE 6" CROSSWALK LINE	SOLID WHITE TURN ARROW	SOLID WHITE TRIANGLES	YELLOW BARRIER CURB	WHITE BARRIER CURB	AMBER	WHITE	SOLID WHITE 24" BAR	SOLID WHITE 6" CROSSWALK LINE		
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.	EACH	EACH	FOOT	FOOT	FOOT	
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50																		
STA. 978+71.62 TO 981+02.94 LT./RT.					925	65												168
STA. 981+02.94 TO 982+73.18 LT./RT.		340																
STA. 982+20.11 TO 982+83.31 LT./RT.								80										
STA. 982+20.11 TO 983+08.90 LT./RT.											62	18	15	2				
STA. 982+83.31 TO 983+03.95 LT.		21																
STA. 982+83.31 TO 983+06.31 RT.		24																
STA. 982+83.31 TO 983+08.90 LT.						8												
STA. 982+94.25 TO 983+02.49 RT.										18								
STA. 983+03.95 TO 983+08.90 LT./RT.	29																	
STA. 983+08.90 TO 983+22.35 RT.			18															
STA. 10+59.04 TO 11+29.04 LT./RT.					240	12												44
STA. 11+29.04 TO 11+42.39 LT./RT.		27																
STA. 11+32.64 TO 11+73.99 LT./RT.											66	20	14	2				
STA. 11+39.65 TO 11+52.62 LT./RT.								80										
STA. 11+52.62 TO 11+69.58 LT.		18																
STA. 11+52.62 TO 11+71.47 RT.		20																
STA. 11+52.62 TO 11+73.85 LT.						6												
STA. 11+60.56 TO 11+67.89 RT.										15								
STA. 11+69.58 TO 11+73.85 LT./RT.	29																	
STA. 11+73.85 TO 11+89.31 RT.			18															
STA. 12+77.44 TO 12+91.42 LT.			18															
STA. 12+91.42 TO 12+95.79 LT./RT.	29																	
STA. 12+91.42 TO 13+17.04 RT.						7												
STA. 12+91.42 TO 13+41.60 LT./RT.											76	20	14	2				
STA. 12+93.78 TO 13+17.04 LT.		24																
STA. 12+95.79 TO 13+17.04 RT.		22																
STA. 12+97.59 TO 13+06.67 LT.										18								
STA. 13+17.04 TO 13+29.26 LT./RT.								80										
STA. 13+26.90 TO 13+45.59 LT./RT.		37																
STA. 13+45.59 TO 14+68.10 LT./RT.					420	18												76
STA. 984+12.81 TO 984+26.68 LT.			18															
STA. 984+26.16 TO 984+51.75 LT./RT.	30																	
STA. 984+26.16 TO 984+51.75 RT.						7												
STA. 984+26.68 TO 984+64.13 LT./RT.											62	18	15	2				
STA. 984+28.61 TO 984+51.75 LT.		24																
STA. 984+30.95 TO 984+51.75 RT.		21																
STA. 984+32.46 TO 984+40.43 LT.										18								
STA. 984+51.75 TO 984+64.13 LT./RT.								80										
STA. 984+61.71 TO 985+52.50 LT./RT.		181																
STA. 985+52.50 TO 986+32.50 LT./RT.					320	46												58
STA. 986+32.50 TO 998+50.00 LT./RT.		2,435		610				124.8										444
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37																		
STA. 998+50.00 TO 1001+19.05 LT./RT.		538		135					62.4									92
STA. 1001+19.05 TO 1002+94.05 LT.					350													108
STA. 1001+79.05 TO 1002+94.05 RT.	115								31.2									21
STA. 1003+17.49 TO 1003+45.54 LT.										66								
STA. 1003+17.21 TO 1003+29.26 LT.								14										
STA. 1003+50.00 TO 1006+46.41 LT./RT.					1,158	133												216
STA. 1006+46.41 TO 1017+60.00					2,227													368
STA. 1017+60.00 TO 1020+00.00 LT./RT.					920	63												176
STA. 1020+00.00 TO 1032+52.00 LT./RT.		2,104		520					156.0									384
STA. 1025+91.65 TO 1026+22.81 LT.									59									
STA. 1030+52.00 TO 1033+27.00 LT.					350													96
STA. 1033+12.00 TO 1033+27.00 RT.	115								31.2									21
STA. 1032+28.00 RT.																		
STA. 1032+48.10 TO 1032+89.73 LT.															33		75	
SUBTOTAL STA. 978+71.62 TO 998+50	117	3,194	72	610	1,905	169	320	0	124.8	69	266	76	58	8	0	0	790	
SUBTOTAL STA. 998+50 TO 1032+57.37	230	2,642	0	655	5,005	196	14	125	280.8	0	0	0	0	0	33	75	1,482	
TOTAL	347	5,836	72	1,265	6,910	365	334	125	405.6	69	266	76	58	8	33	75	2,272	

**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION		REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)		EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		FURNISHED EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50									
MILBURN SCHOOL ROAD									
STA. 978+71.62 TO 982+25.00 C	676		296	507		98	409		0
STA. 982+25.00 TO 985+55.00 C	903		198	677		168	509		0
STA. 985+55.00 TO 998+50.00 C	1,656		888	1,242		308	934		0
MILBURN ESTATES DRIVE									
STA. 983+03.21 RT. TO 11+29.03 C	25		64	19		14	5		0
MERRIAM PARKWAY									
STA. 983+15.35 LT. TO 13+53.30 C	86		75	65		0	65		0
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37									
MILBURN SCHOOL ROAD									
STA. 998+50.00 TO 1003+30.00 C	236		339	177		720	-543		0
STA. 1003+30.00 TO 1008+59.84 C	260		360	195		669	-474		0
STA. 1009+54.06 TO 1026+00.00 C	1,216		840	912		2,151	-1,239		334
STA. 1026+00.00 TO 1032+55.59 LT.	128		427	96		1,605	-1,509		1,843
SUBTOTAL STA. 978+71.62 TO 998+50	3,346		1,521	2,510		588	1,922		0
SUBTOTAL STA. 998+50 TO 1032+57.37	1,840		1,966	1,380		5,145	-3,765		1,843
TOTAL	5,186		3,487	3,890		5,733	-1,843		1,843

**SIGN SCHEDULE**

LOCATION	LT/RT	PROPOSED OFFSET (FOOT)	SIGN PANEL - TYPE 1 (SQ. FT.)	SIGN PANEL - TYPE 2 (SQ. FT.)	METAL POST - TYPE A (FOOT)	METAL POST - TYPE B (FOOT)	WOOD SIGN SUPPORT (FOOT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH)	DESCRIPTION
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50										
MILBURN ESTATES DRIVE										
STA 9+12	RT	22.50	6.25/2.25			13.5				W2-6 (3030)/W13-1 (1818)
STA 10+62	RT	22.50	6.25			13.5				W3-2 (3030)
STA 11+36	LT	1.00	5.00				9	1		R4-7 (2430)
STA 11+40	RT	23.00	6.25/2.00			13.5				W11-2 (3030)/W16-7P (2412)
STA 11+57	LT	34.00	6.25/2.00			13.5				W11-2 (3030)/W16-7P (2412)
STA 11+59	RT	33.00	6.25/3.13			13.5				R5-1 (3030)/R1-2 (3030)
STA 11+66	LT/RT	0.00	5.25				9	1		D1-1d (4218)
MERRIAM PARKWAY										
STA 12+98	LT/RT	0.00	5.25				9	1		D1-1d (4218)
STA 13+08	LT	34.00	6.25/3.13			13.5				R5-1 (3030)/R1-2 (3030)
STA 13+21	RT	33.00	6.25/2.00			13.5				W11-2 (3030)/W16-7P (2412)
STA 13+35.50	LT	23.00	6.25/2.00			13.5				W11-2 (3030)/W16-7P (2412)
STA 14+54	LT	23.00	5.00				9	1		R4-7 (2430)
STA 14+54	LT	23.00	6.25			13.5				W3-2 (3030)
STA 16+04	LT	23.00	6.25/2.25			13.5				W2-6 (3030)/W13-1 (1818)
MILBURN SCHOOL ROAD										
STA 973+92.00	RT	23.50	6.25/2.25			13.5				W2-6 (3030)/W13-1 (1818)
STA 976+92.00	RT	23.00		16.00						D1-5
STA 979+92.00	RT	23.00	6.25			13.5				W3-2 (3030)
STA 982+62.00	RT	23.50	6.25/2.00			13.5				W11-2 (3030)/W16-7P (2412)
STA 982+62.50	LT	1.00	5.00				9	1		R4-7 (2430)
STA 982+92.00	RT	36.00	6.25/3.13			13.5				R5-1 (3030)/R1-2 (3030)
STA 983+01.75	LT/RT	0.00	5.25				9	1		D1-1d (4218)
STA 983+51.20	RT	7.20	3.00		12					R6-1R (3612)
STA 983+60.20	LT	16.30	3.00		12					R6-1R (3612)
STA 983+72.50	RT	17.20	3.00		12					R6-1R (3612)
STA 983+83.00	LT	9.20	3.00		12					R6-1R (3612)
STA 984+33.50	LT/RT	0.00	5.25				9	1		D1-1d (4218)
STA 984+41.00	LT	35.50	6.25/3.13			13.5				R5-1 (3030)/R1-2 (3030)
STA 984+55.00	RT	32.50	6.25/2.00			13.5				W11-2 (3030)/W16-7P (2412)
STA 984+64.00	RT	1.00	5.00				9	1		R4-7 (2430)
STA 984+69.00	LT	29.00	6.25/2.00			13.5				W11-2 (3030)/W16-7P (2412)
STA 987+41.00	LT	29.50	6.25			13.5				W3-2 (3030)
STA 987+41.00	RT	28.00	6.00		14.0					R3-9b (2436)
STA 990+41.00	LT	29.50		16.00						D1-5
STA 990+41.00	RT	28.00	7.50			13.5				R2-1 (2430) 35 MPH
STA 993+41.00	LT	29.50	6.25/2.25			13.5				W2-6 (3030)/W13-1 (1818)
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37										
STA 1000+00.00	LT	29.50	7.50			13.5				R2-1 (2430) 35 MPH
STA 1000+00.00	RT	24.00	7.25			13.5				W2-2 (3030)/W17-1100 (2406)
STA 1001+00.00	LT	29.50	6.00			14.0				R3-9b (2436)
STA 1004+25.00	RT	23.50	7.25			13.5				R2-1 (2430) 35 MPH
STA 1007+00.00	LT	18.00	7.25			13.5				W2-2 (3030)/W17-1100 (2406)
STA 1021+00.00	RT	23.50	6.00			14.0				R3-9b (2436)
STA 1026+75.00	RT	23.50	6.25			14.0				W3-1 (3030)
STA 1029+00.00	LT	29.00	7.50			13.5				R2-1 (2430) 35 MPH
STA 1029+00.00	RT	23.50	7.50			13.5				R2-1 (2430) 35 MPH
STA 1030+00.00	LT	29.00	6.00			14.0				R3-9b (2436)
SUBTOTAL STA. 978+71.62 TO 998+50		221	32	48	284	30	72	8		
SUBTOTAL STA. 998+50 TO 1032+57.37		69	0	0	137	0	0	0		
TOTAL		290	32	48	421	30	72	8		

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	11
STA 978+71.62 TO STA. 1032+57.37				
FEDERAL AID PROJECT			CONTRACT 97447	

**RIP RAP SCHEDULE**

SECTION NO.	STATION	LENGTH (FOOT)	WIDTH (FOOT)			DEPTH (FOOT)	STONE DUMPED RIPRAP CLASS A4 (SQ YD)	FILTER FABRIC FOR USE WITH RIP RAP (SQ YD)	AGGREGATE BEDDING (TON)
			A	B	C				
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50									
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37									
STA. 1008+45.62 TO 1008+85.01 LT		38	--	6	--	1.83	26.6	26.6	9.3
STA. 1008+66.21 TO 1008+94.81 RT		29	--	6.5	--	1.83	18.0	18.0	6.3
STA. 1009+40.98 TO 1009+62.52 RT		52	2	5	5.5	1.83	72.1	72.1	25.2
STA. 1013+93.15 TO 1014+04.65 LT		10	1	3	1	1.83	4.8	4.8	1.7
STA. 1028+53.78 TO 1028+72.04 RT		16	--	6	3	1.83	14.5	14.5	5.1
SUBTOTAL STA. 978+71.62 TO 998+50							0	0	0
SUBTOTAL STA. 998+50 TO 1032+57.37							136	136	48
TOTAL							136	136	48

NOTE: AGGREGATE BEDDING QUANTITY PROVIDED FOR INFORMATION ONLY.  
PLEASE REFER TO MISCELLANEOUS DETAIL SHEET #44 FOR APPLICATION OF DIMENSIONS.

**PROTECTIVE COAT SCHEDULE**

LOCATION	PROTECTIVE COAT AREA (SQ YD)
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50	
COMBINATION CURB AND GUTTER, B-6.24	1,186
COMBINATION CURB AND GUTTER, B-9.12	27
COMBINATION CURB AND GUTTER, M-2.12	43
COMBINATION CURB AND GUTTER, M-6.24	0
DRIVEWAY PAVEMENT	143
PCC SIDEWALK, 4"	1,218
PCC MEDIAN	439
PCC PAVEMENT, 7"	352
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37	
COMBINATION CURB AND GUTTER, B-6.24	1,933
COMBINATION CURB AND GUTTER, M-6.24	0
DRIVEWAY PAVEMENT	175
PCC SIDEWALK, 4"	707
PCC PAVEMENT, 8"	122
SUBTOTAL STA. 978+71.62 TO 998+50	3,408
SUBTOTAL STA. 998+50 TO 1032+57.37	2,937
TOTAL	6,345

**MEDIAN SCHEDULE**

LOCATION	CONCRETE MEDIAN TYPE SB-6.12 (SQ FT)	PORTLAND CEMENT CONCRETE CORRUGATED MEDIAN (SQ FT)
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50		
MILBURN SCHOOL ROAD		
STA. 981+02.94 TO 982+64.94		1,297
STA. 982+64.94 TO 983+07.50	480	
STA. 984+27.50 TO 984+70.06	484	
STA. 984+70.06 TO 985+52.50		660
MERRIAM PARKWAY		
STA. 12+92.62 TO 13+45.59	550	
MILBURN ESTATES DRIVE		
STA. 11+29.04 TO 11+72.62	480	
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37		
SUBTOTAL STA. 978+71.62 TO 998+50	1,994	1,957
SUBTOTAL STA. 998+50 TO 1032+57.37	0	0
TOTAL	1,994	1,957

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	12
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

**DRAINAGE REMOVAL SCHEDULE**

LOCATION	DESCRIPTION	PIPE CULVERT REMOVAL, 10"	PIPE CULVERT REMOVAL, 12"	PIPE CULVERT REMOVAL, 14"	PIPE CULVERT REMOVAL, 15"	PIPE CULVERT REMOVAL, 18"	PIPE CULVERT REMOVAL, 24"	STORM SEWER REMOVAL, 12"	STORM SEWER REMOVAL, 15"	STORM SEWER REMOVAL, 24"	STORM SEWER REMOVAL, 36"	STORM SEWER REMOVAL, 42"	STRUCTURE REMOVAL	INLET REMOVAL	END SECTION REMOVAL	REMOVE AND RELOCATE END SECTIONS	REMOVE AND RELAY STORM SEWER 18"	CONCRETE HEADWALL REMOVAL (4)	TRENCH BACKFILL
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	EACH
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50																			
STA. 982+96.09 20.85' RT.	15" CMP FES															1 (1)			0
STA. 982+98.50 20.89' RT. TO 983+51.63 21.47' RT.	15" CMP							53											14
STA. 983+13.83 75.25' RT. TO 983+51.66 23.97' RT.	42" CMP											64							44
STA. 983+16.71 20.11' LT. TO 983+18.17 56.29' LT.	18" HDPE																		10
STA. 983+18.02 17.61' LT.	4' X 4' INLET													1			2 @ 22 (2)		0
STA. 983+20.48 17.65' LT. TO 983+52.76 18.14' LT.	36" RCCP										32								17
STA. 983+21.63 81.03' RT. TO 983+44.29 63.09' RT.	15" CMP							29											14
STA. 983+45.59 61.70' RT.	3" INLET													1					0
STA. 983+46.47 61.78' RT. TO 983+82.30 64.23' RT.	15" CMP								36										8
STA. 983+46.82 117.14' LT. TO 983+47.10 94.68' LT.	15" CPP								23										3
STA. 983+47.09 91.68' LT. TO 983+55.24 20.67' LT.	15" CPP								71										14
STA. 983+47.09 91.68' LT.	3" INLET													1					0
STA. 983+47.80 93.18' LT. TO 983+84.44 93.78' LT.	12" CPP							36											4
STA. 983+54.11 18.94' RT. TO 983+55.29 15.67' LT.	3'X3' CONC. BOX												35 (5)						48
STA. 983+54.18 21.45' RT.	6' X 6' INLET													1					0
STA. 983+55.31 18.16' LT.	5' X 5' INLET													1					0
STA. 983+57.76 18.20' LT. TO 984+18.55 18.89' LT.	15" CMP								60										7
STA. 983+83.45 64.31' RT.	3" INLET													1					0
STA. 983+84.33 64.37' RT. TO 984+31.18 24.06' RT.	15" CMP								62										8
STA. 983+84.44 93.78' LT.	GRATED INLET													1					0
STA. 984+20.96 18.92' LT.	15" CMP FES														1				0
STA. 984+33.03 22.50' RT.	15" CMP FES															1 (3)			0
STA. 984+42.74 19.65' RT. TO 984+86.85 19.99' RT.	12" CMP		44																0
STA. 985+13.00 18.37' RT. TO 985+32.56 18.27' RT.	12" CMP		20																0
STA. 989+82.63 17.65' LT. TO 990+12.75 17.60' LT.	12" CMP		30																0
STA. 992+18.63 17.55' RT. TO 992+38.64 16.51' RT.	12" CMP		20																0
STA. 993+87.59 15.29' RT. TO 994+21.40 15.57' RT.	10" IRON	34																	0
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37																			
STA. 998+84.14 17.83' LT. TO 999+40.95 16.96' LT.	14" IRON			52															1
STA. 998+94.92 18.12' RT. TO 999+08.27 18.10' RT.	12" CMP		13																0
STA. 999+65.25 19.43' RT. TO 999+89.39 19.36' RT.	12" RCCP		24																1
STA. 1003+02.18 18.78' RT. TO 1003+25.91 19.24' RT.	15" RCCP				24														6
STA. 1003+03.21 22.75' LT. TO 1003+29.75 19.68' RT.	18" CLAY					50													44
STA. 1003+03.21 22.25' LT.	CONC HEADWALL																	1	0
STA. 1003+32.42 19.45' RT.	CONC HEADWALL																	1	0
STA. 1004+72.96 23.32' LT. TO 1004+92.03 23.18' LT.	12" STEEL		20																0
STA. 1006+85.92 19.59' RT. TO 1007+83.32 26.74' RT.	24" HDPE											98							0
STA. 1008+39.27 23.41' LT. TO 1008+69.28 25.65' LT.	15" CMP				30														0
STA. 1011+08.13 19.77' LT. TO 1011+58.31 22.99' LT.	24" CMP								49										2
STA. 1011+33.78 20.30' RT. TO 1011+53.30 18.51' RT.	24" CMP								20										2
STA. 1021+38.29 25.40' LT. TO 1021+57.33 24.93' LT.	12" CMP		20																2
STA. 1021+79.62 08.58' RT. TO 1021+99.61 08.18' RT.	12" CMP		20																1
STA. 1028+83.46 19.30' RT. TO 1028+84.65 17.31' LT.	18" CMP					37													15
STA. 1030+55.25 17.93' LT. TO 1030+75.37 18.49' LT.	12" CMP		20																1
STA. 1031+06.34 18.03' LT. TO 1031+22.88 19.01' LT.	12" CMP		16																2
STA. 1032+21.42 30.37' LT.	15" RCCP FES															1			0
STA. 1032+23.93 30.22' LT. TO 1032+50.12 22.73' LT.	15" RCCP								26										4
STA. 1032+51.11 27.02' LT.	GRATED INLET													1					0
STA. 1032+51.75 27.81' LT. TO 1032+56.89 51.49' LT.	15" RCCP								25										3
STA. 1032+33.00 22.66' RT.	15" RCCP FES															1			0
SUBTOTAL STA. 978+71.62-998+50		34	114	0	0	0	0	36	334	0	32	64	35	7	1	2	44	0	191
SUBTOTAL STA. 998+50-1032+57.37		0	133	52	54	87	69	0	51	98	0	0	0	1	2	0	0	2	84
TOTAL		34	247	52	54	87	69	36	385	98	32	64	35	8	3	2	44	2	275

- EXISTING 15" CMP FES AT STATION 982+96.09 20.85' RT TO BE REMOVED AND RELOCATED TO STATION 978+71.82 22.46' LT.
- STORM SEWER RUN NO. 9 CONSISTS OF 2-18" HDPE STORM SEWER 22 LF EACH. (SEE STORM SEWER SCHEDULE FOR LOCATION), 30 LF OF HDPE STORM SEWER SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- EXISTING 15" CMP FES AT STATION 984+37.03 22.50' RT TO BE REMOVED AND RELOCATED TO STATION 978+72.54 24.94' RT.
- THE REMOVAL OF CONCRETE HEADWALLS AND APPURTENANCES ATTACHED TO EXISTING PIPE CULVERTS SHALL BE INCLUDED IN THE COST OF PIPE CULVERT REMOVAL.
- THE REMOVAL OF THE EXISTING STRUCTURE WILL BE PAID FOR PER EACH.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	13
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

**COMBINATION CURB AND GUTTER REMOVAL**

LOCATION	LENGTH
	FOOT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50	
STA. 983+13.22 19.67' RT. TO 983+44.06 102.40' RT.	129
STA. 983+41.60 31.60' LT. TO 983+47.57 119.13' LT.	90
STA. 983+79.76 99.13' RT. TO 983+14.23 19.20' RT.	100
STA. 983+84.47 133.24' LT. TO 983+91.21 31.46' LT.	103
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37	
STA. 1003+18.07 43.69' LT. TO 1003+18.07 51.48' LT.	8
STA. 1003+39.70 52.16' LT. TO 1003+41.23 41.10' LT.	11
STA. 1025+94.52 51.35' LT. TO 1025+94.50 45.15' LT.	7
STA. 1026+20.00 44.87' LT. TO 1026+20.62 52.21' LT.	8
STA. 1032+27.07 13.76' LT. TO 1032+58.17 51.44' LT.	52
STA. 1032+27.07 12.96' RT. TO 1032+58.17 57.31' RT.	57
SUBTOTAL STA. 978+71.62-998+50	422
SUBTOTAL STA. 998+50-1032+57.37	143
TOTAL	565

**TREE REMOVAL SCHEDULE**

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
	UNITS	UNITS
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50		
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37		
STA 1005+70 TO 1007+50	4 @ 6" 1 @ 7" 1 @ 8" 1 @ 9" 1 @ 11"	1 @ 28"
SUBTOTAL STA. 978+71.62 TO 998+50	0	0
SUBTOTAL STA. 998+50 TO 1032+57.37	59	28
TOTAL	59	28

**TEMPORARY DITCH CHECKS**

LOCATION	TEMPORARY DITCH CHECKS FOOT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50	
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37	
STA. 1010+25 30.00' RT	12
STA. 1010+75 26.00' RT	8
SUBTOTAL STA. 978+71.62 TO 998+50	0
SUBTOTAL STA. 998+50 TO 1032+57.37	20
TOTAL	20

**SIDEWALK REMOVAL**

LOCATION	AREA
	SQ. FT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50	
MERRIAM PARKWAY	
STA. 12+78.33 TO 13+37.47 RT	240
MILBURN ESTATES DRIVE	
STA. 11+33.05 TO 11+97.09 LT	266
STA. 11+34.47 TO 12+05.57 RT	299
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37	
PAUSCH ROAD	
STA. 1003+47.48 43.71' LT. TO 1003+51.08 44.02' LT	16
SUBTOTAL STA. 978+71.62-998+50	805
SUBTOTAL STA. 998+50-1032+57.37	16
TOTAL	821

**MAILBOX REMOVAL AND REPLACEMENT SCHEDULE\***

EXISTING LOCATION	SIDE	MAILBOX PROPOSED OFFSET FOOT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50		
STA 995+54	LT	22.1'
STA 996+71	LT	22.1'
STA 997+20	LT	22.1'
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37		
STA 998+68	LT	22.1'
STA 1002+74	LT	22.1'
SUBTOTAL STA. 978+71.62-998+50		
SUBTOTAL STA. 998+50-1032+57.37		
TOTAL		

\* -- INCLUDED IN COST OF CONTRACT ACCORDING ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS

**INLET AND PIPE PROTECTION SCHEDULE**

LOCATION	INLET AND PIPE PROTECTION EACH
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50	
STA 983+10.82 74.00' RT	1
STA 983+19.10 79.30' RT	1
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37	
STA 1007+84.80 25.62' RT	1
STA 1008+45.76 24.32' LT	1
STA 1009+57.62 33.96' RT	1
STA 1010+00.00 32.00' RT	1
STA 1013+95.47 24.55' LT	1
STA 1028+66.16 34.55' RT	1
STA 1029+69.39 35.08' LT	1
SUBTOTAL STA. 978+71.62 TO 998+50	2
SUBTOTAL STA. 998+50 TO 1032+57.37	7
TOTAL	9

**MISCELLANEOUS REMOVAL SCHEDULE**

LOCATION	PAVEMENT REMOVAL	HMA SURFACE REMOVAL	GUARDRAIL REMOVAL
	SQ. YD.	1-1/2 SQ YD	FOOT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50			
MILBURN SCHOOL ROAD			
STA. 978+71.62 TO 982+25.00 @	1,184		
STA. 982+50.00 TO 985+55.00 @	790		
STA. 985+55.00 TO 998+50.00 @	3,550		
MILBURN ESTATES DRIVE			
STA. 983+03.21 RT. TO 11+29.03 @	460		
MERRIAM PARKWAY			
STA. 983+15.35 LT. TO 13+53.30 @	542		
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37			
MILBURN SCHOOL ROAD			
STA. 998+50.00 TO 1003+30.00 @	1,253		
STA. 1003+30.00 TO 1008+59.84 @	1,440		
STA. 1005+14.50 TO 1006+62.89 LT			
STA. 1008+05.72 TO 1008+52.77 LT			47
STA. 1008+59.84 TO 1009+54.06 @		314	
STA. 1009+54.06 TO 1016+50.00 @	1,785		
STA. 1016+50.00 TO 1020+25.00 @	SEE NOTE		
STA. 1020+25.00 TO 1026+00.00 @	1,486		
STA. 1026+00.00 TO 1032+27.04 LT.	1,614		
PAUSCH ROAD			
STA. 1002+50.03 TO 1003+74.31 LT.	189		
RED HAWK RIDGE LANE			
STA. 1025+64.89 TO 1026+50.44 LT.	192		
SUBTOTAL STA. 978+71.62 TO 998+50	6,526	0	0
SUBTOTAL STA. 998+50 TO 1032+57.37	7,959	314	47
TOTAL	14,485	314	47

NOTE: EXISTING PAVEMENT SHALL REMAIN, SECTION 205 OF THE IDOT STANDARD SPECIFICATIONS SHALL APPLY.

**FENCE REMOVAL**

EXISTING LOCATION	TYPE	LENGTH
		FOOT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50		
MERRIAM PARKWAY		
STA. 12+79.03 30.32' LT. TO 13+29.03 29.99' LT.	VINYL	50
STA. 12+79.03 30.32' RT. TO 13+29.03 30.40' RT.	VINYL	50
MILBURN SCHOOL ROAD		
STA. 994+20.14 26.46' RT. TO 995+73.55 25.60' RT.	WOODEN	162
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37		
STA. 1005+14.50 TO 1006+62.89 LT	WOVEN WIRE	157
SUBTOTAL STA. 978+71.62-998+50		262
SUBTOTAL STA. 998+50-1032+57.37		157
TOTAL		419

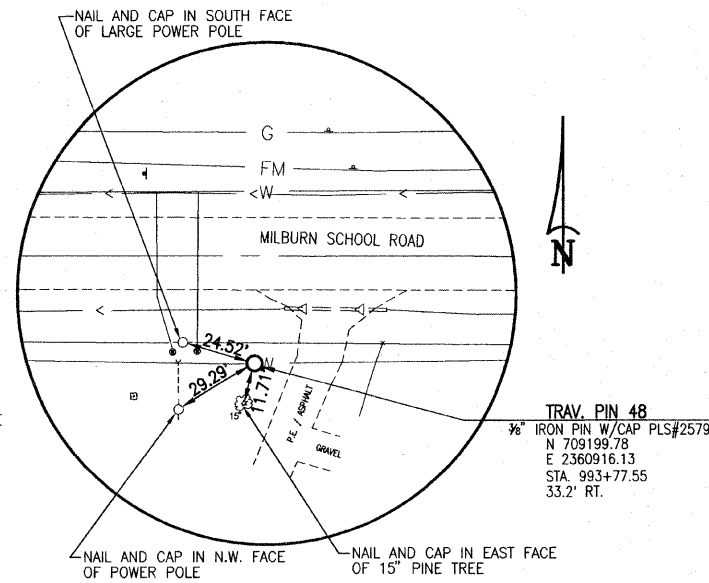
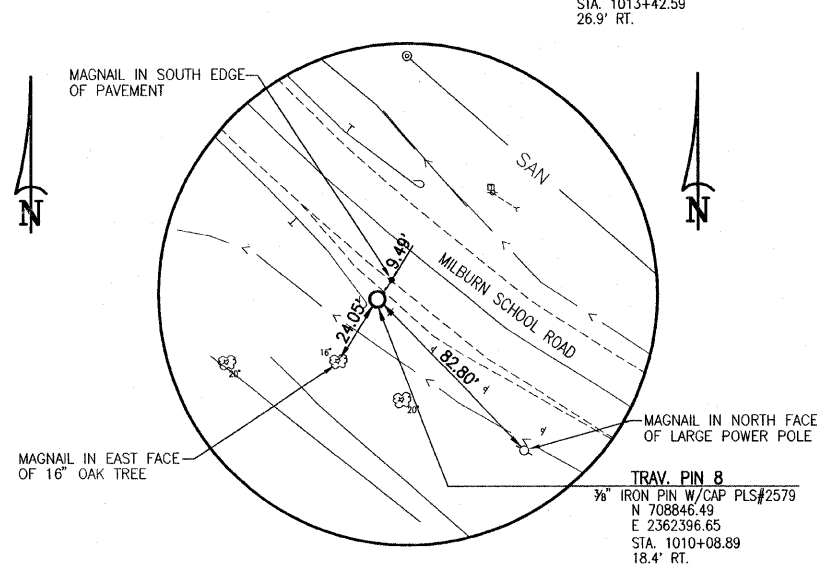
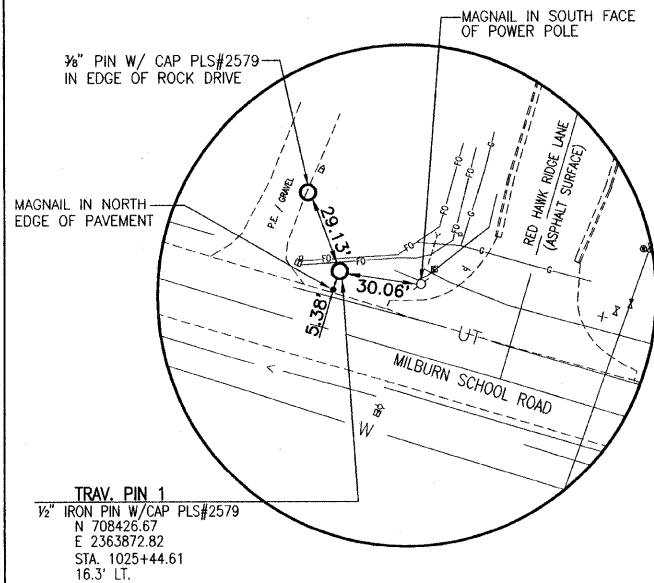
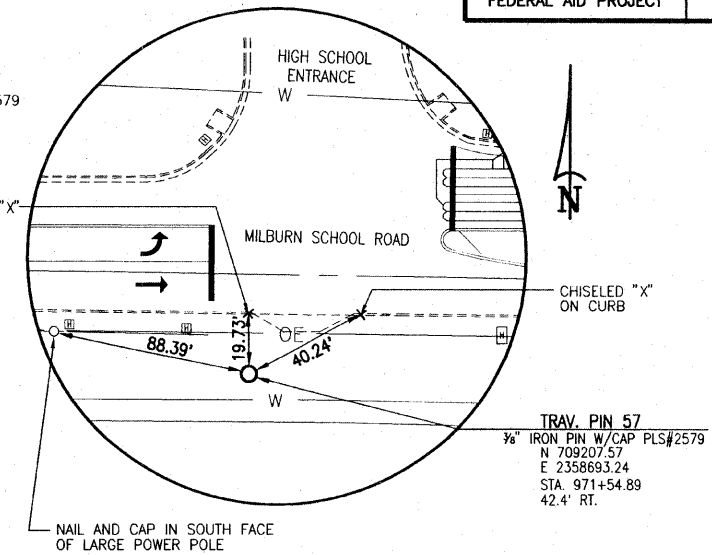
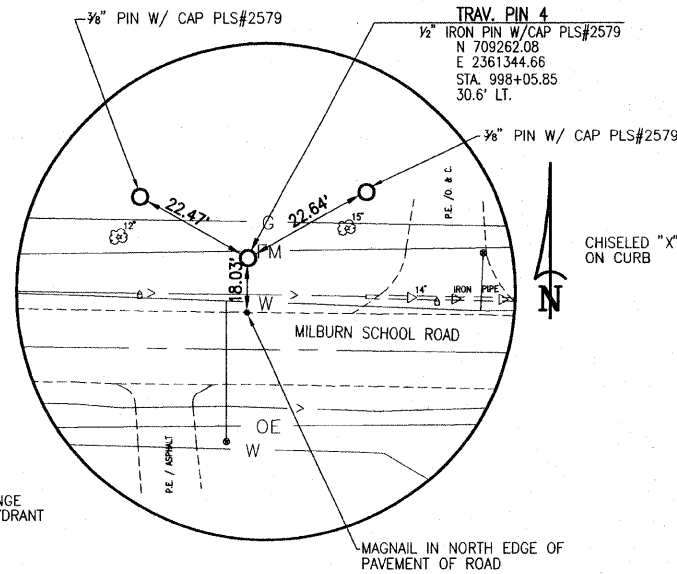
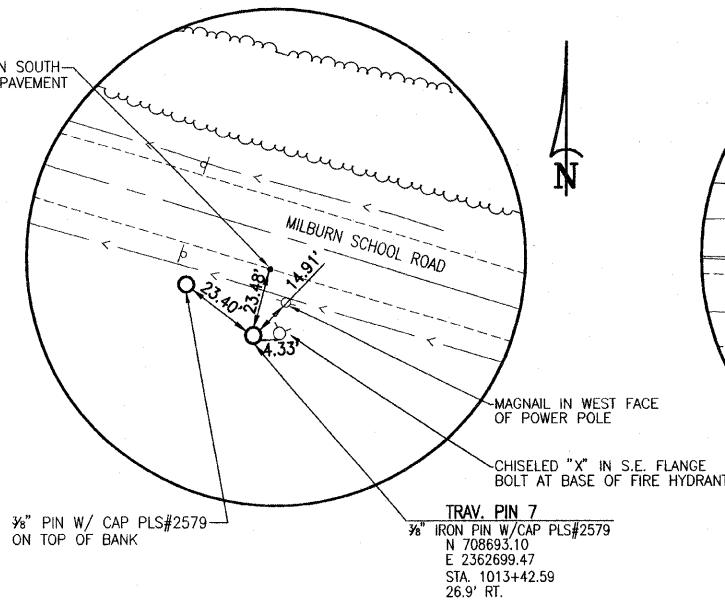
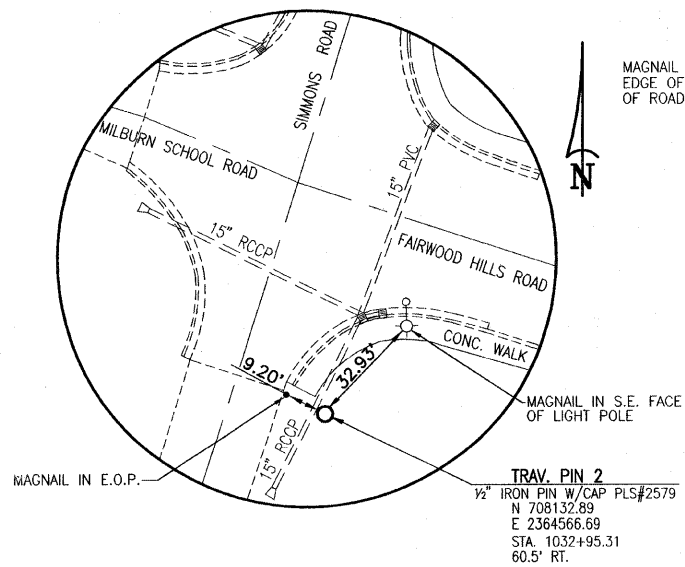
**PERIMETER EROSION BARRIER SCHEDULE**

LOCATION	PERIMETER EROSION BARRIER FOOT
SECTION NO. 08-00059-01-PV STATION 978+71.62 TO 998+50	
STA 982+96 TO STA 983+33 RT	60
STA 990+50 TO STA 995+00 LT	450
STA 991+50 TO STA 996+75 RT	525
SECTION NO. 06-00059-00-PV STATION 998+50 TO 1032+57.37	
STA 999+50 TO 1002+00 LT	250
STA 999+50 TO 1000+75 RT	175
STA 1003+20 TO 1007+60 RT	440
STA 1004+00 TO 1007+75 LT	375
STA 1009+50 TO 1011+00 LT	150
STA 1014+00 TO 1017+00 RT	300
STA 1023+00 TO 1032+55 RT	955
STA 1030+75 TO 1032+55 LT	180
SUBTOTAL STA. 978+71.62 TO 998+50	1,035
SUBTOTAL STA. 998+50 TO 1032+57.37	2,825
TOTAL	3,860

# HORIZONTAL CONTROL TIE POINTS

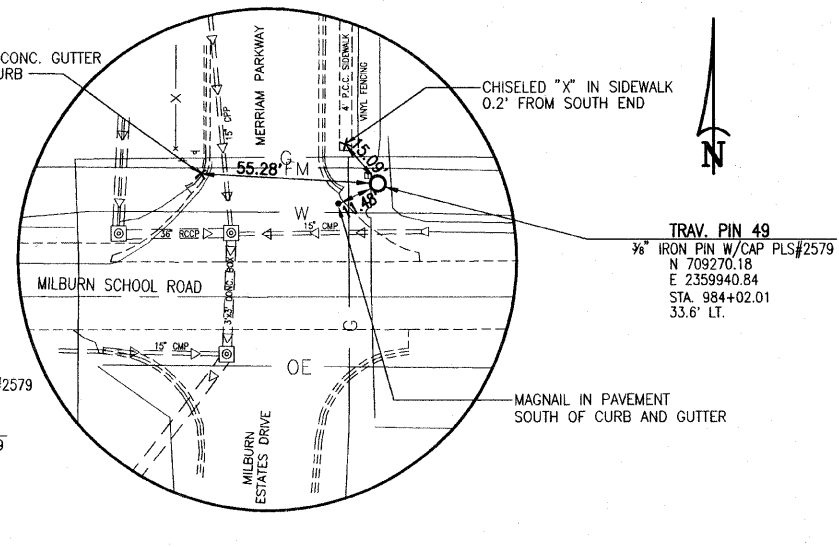
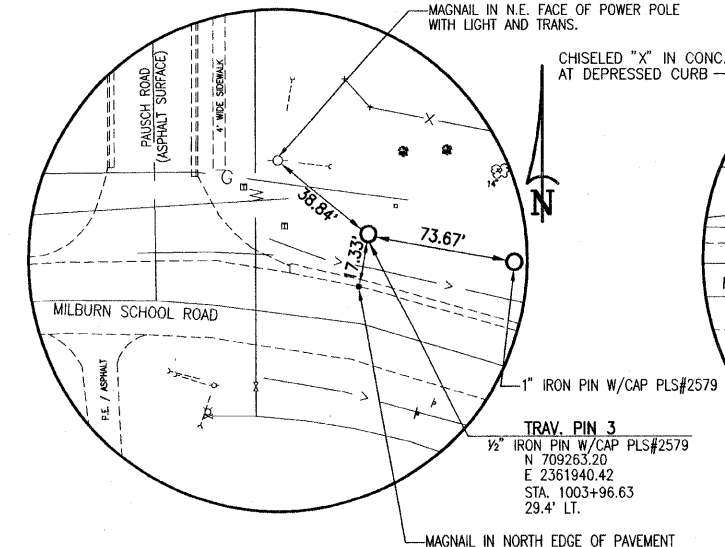
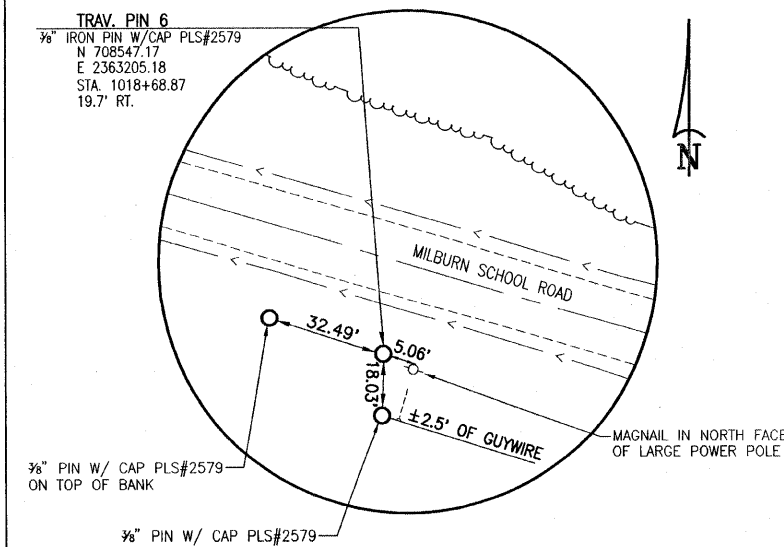
N.T.S.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	14
STA 978+71.62 TO STA. 1032+57.37		FEDERAL AID PROJECT CONTRACT 97447		

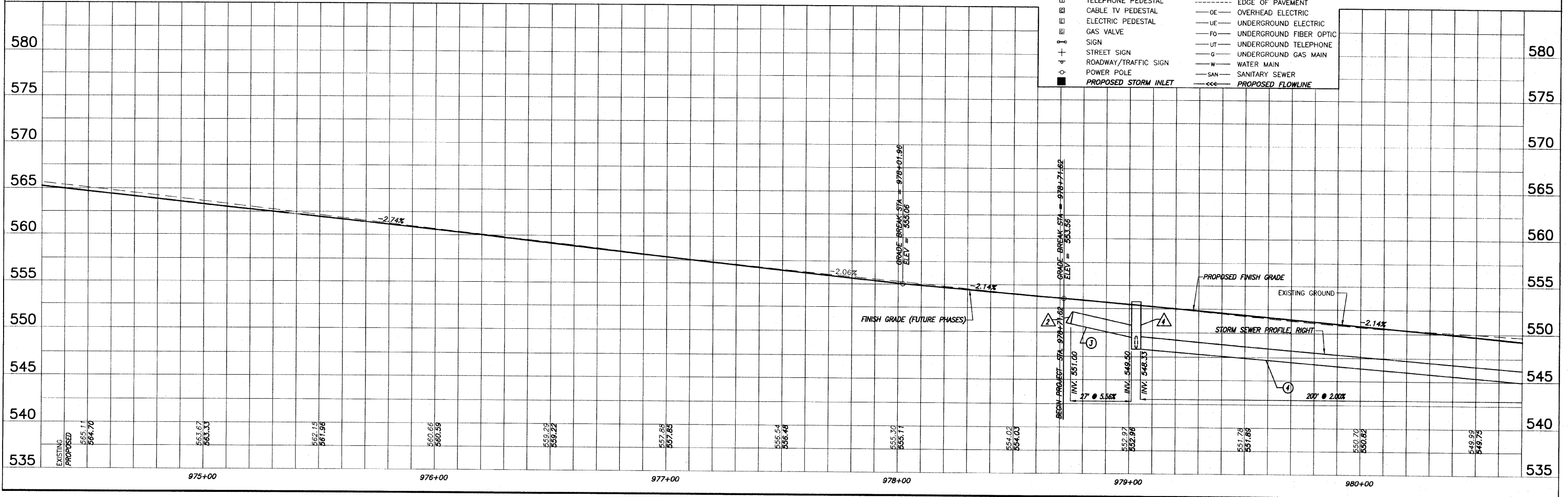
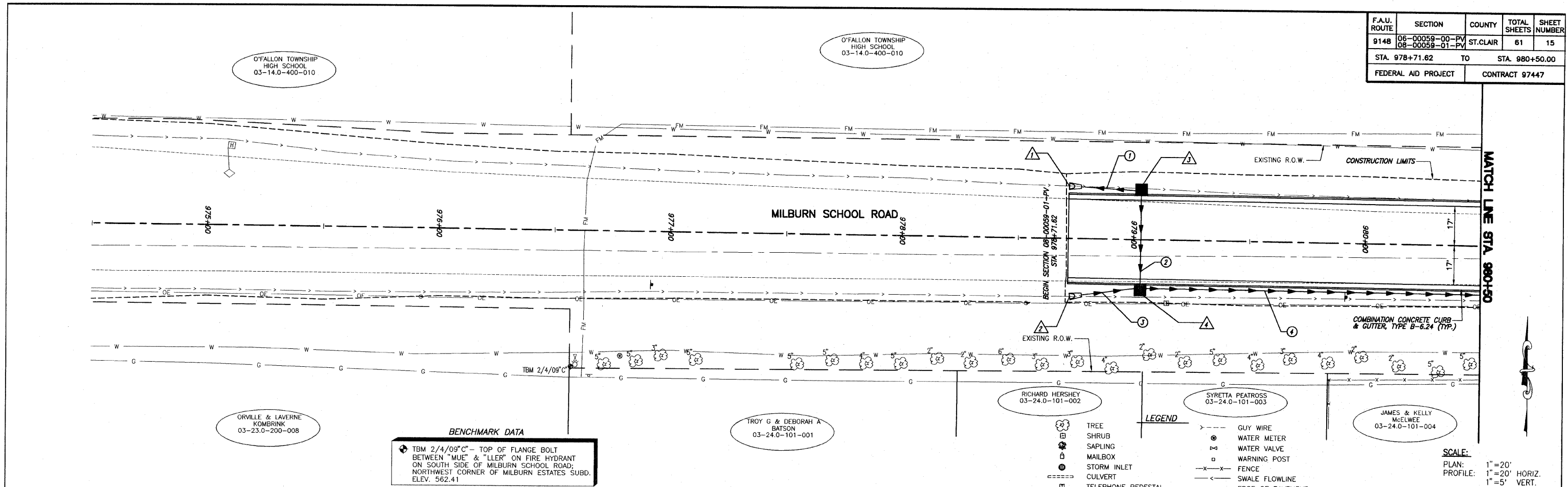


COORDINATE TABLE

STATION / DESCRIPTION	NORTHING	EASTING
Q STA. 978+71.62	709242.10	2359410.36
P.I. STA. 983+65.21	709236.69	2359903.92
P.C. STA. 998+92.74	709231.15	2361431.45
P.T. STA. 1001+55.27	709235.73	2361693.91
P.C. STA. 1003+05.81	709241.53	2361844.34
P.T. STA. 1006+18.70	709132.10	2362128.33
P.C. STA. 1009+63.57	708891.00	2362374.92
P.T. STA. 1012+53.68	708744.65	2362622.20
P.C. STA. 1019+02.17	708556.34	2363242.75
P.T. STA. 1021+44.20	708499.55	2363477.88
P.C. STA. 1022+73.33	708476.51	2363604.94
P.T. STA. 1025+23.45	708417.35	2363847.81
Q STA. 1032+71.22	708197.46	2364562.51



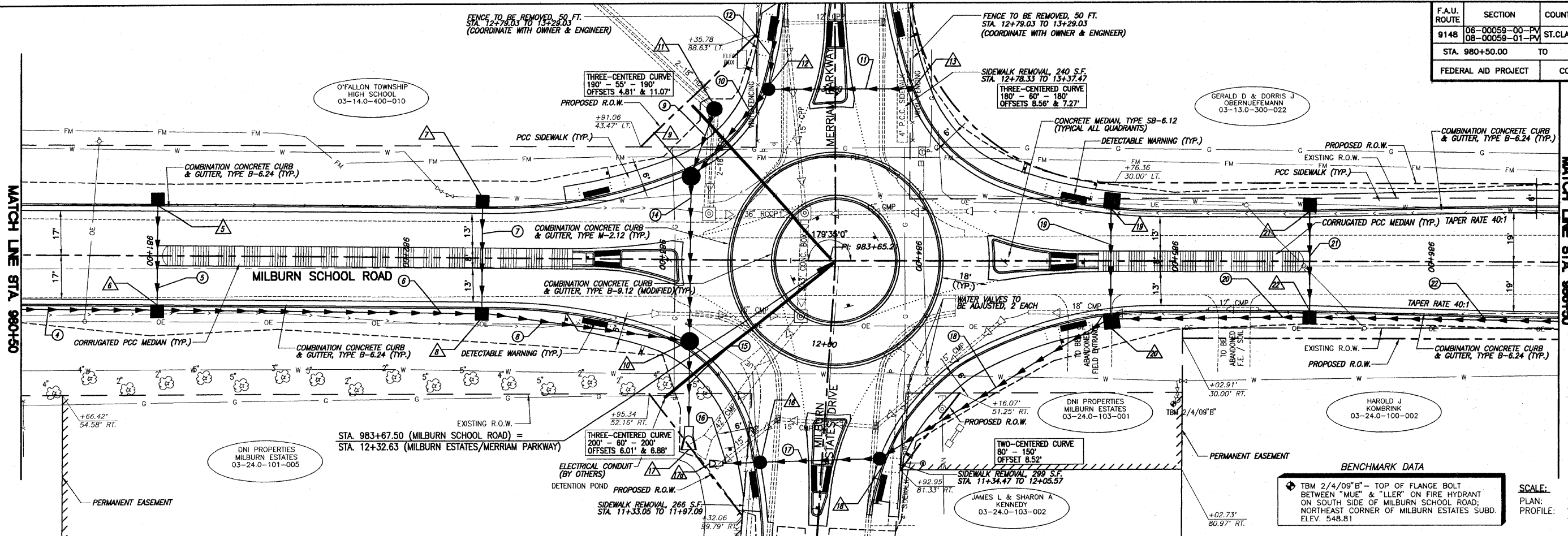
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
914B	06-00058-00-PV 08-00058-01-PV	ST. CLAIR	61	15
STA. 978+71.62 TO STA. 980+50.00				
FEDERAL AID PROJECT			CONTRACT 97447	



ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

6/1/2008 - Creation - Milburn School Road - Phase 2 (Rev) 115 - PLAN PROFILE.dwg, 10/20/2010 11:28:46 AM, Plotted by M.A.L.

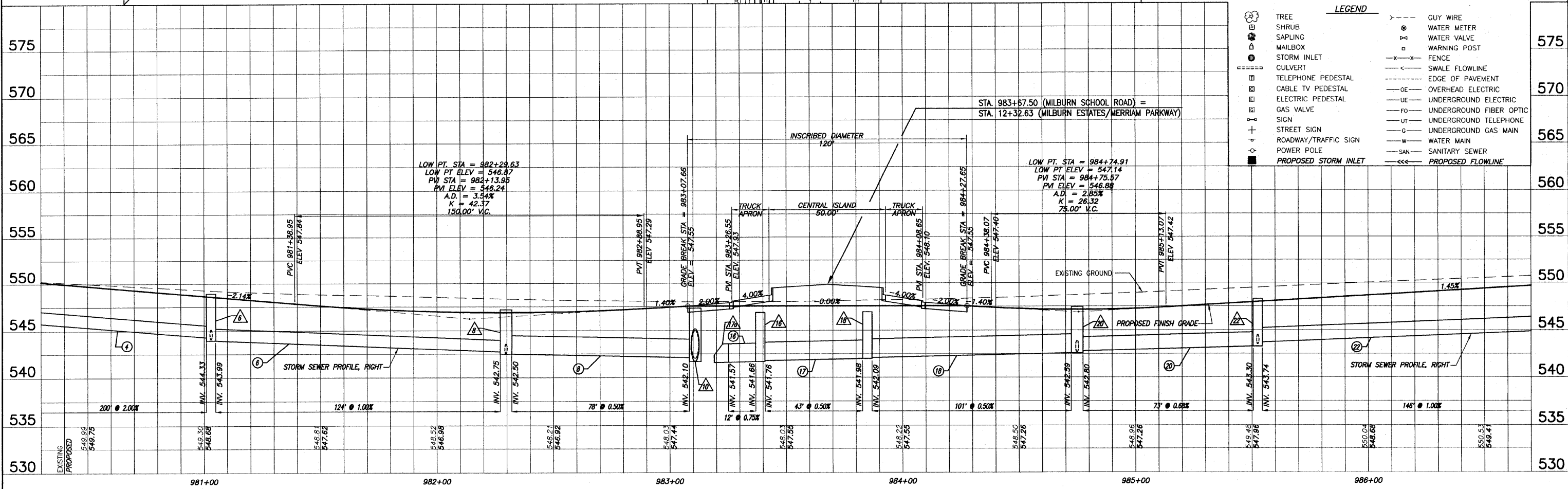
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	16
STA. 980+50.00 TO STA. 986+50.00				
FEDERAL AID PROJECT			CONTRACT 97447	



**BENCHMARK DATA**  
 TBM 2/4/09" B" - TOP OF FLANGE BOLT BETWEEN "MUE" & "LLE" ON FIRE HYDRANT ON SOUTH SIDE OF MILBURN SCHOOL ROAD; NORTHEAST CORNER OF MILBURN ESTATES SUBD. ELEV. 548.81

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

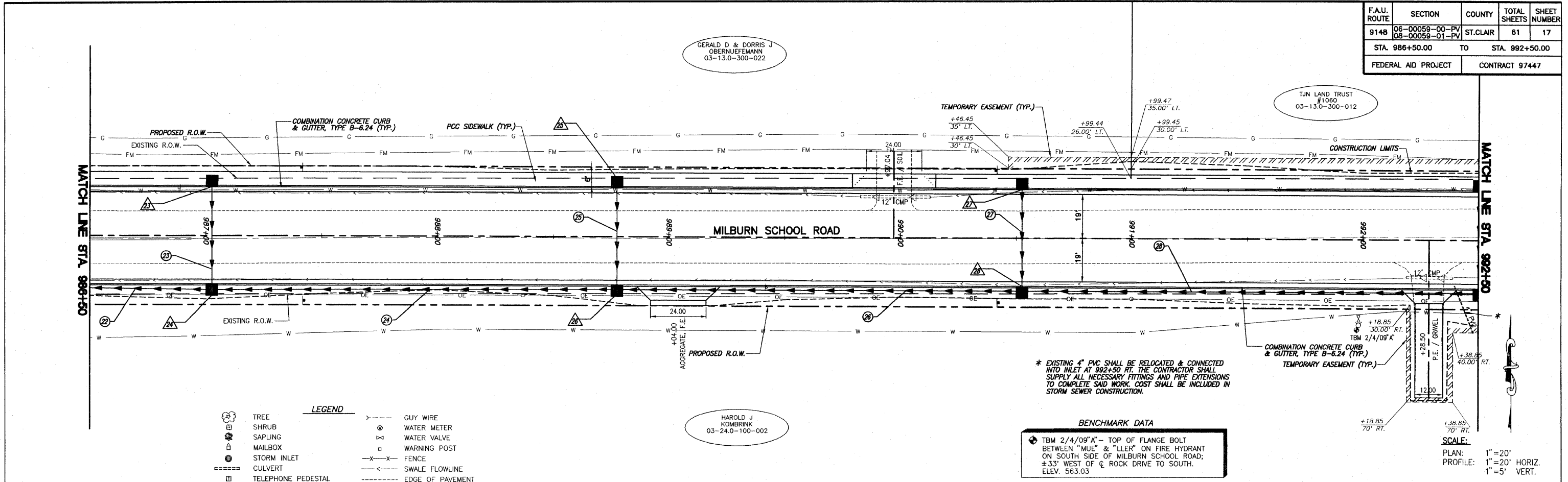
LEGEND	
(Tree symbol)	TREE
(Shrub symbol)	SHRUB
(Sapling symbol)	SAPLING
(Mailbox symbol)	MAILBOX
(Storm inlet symbol)	STORM INLET
(Culvert symbol)	CULVERT
(Telephone pedestal symbol)	TELEPHONE PEDESTAL
(Cable TV pedestal symbol)	CABLE TV PEDESTAL
(Electric pedestal symbol)	ELECTRIC PEDESTAL
(Gas valve symbol)	GAS VALVE
(Sign symbol)	SIGN
(Street sign symbol)	STREET SIGN
(Roadway/Traffic sign symbol)	ROADWAY/TRAFFIC SIGN
(Power pole symbol)	POWER POLE
(Proposed storm inlet symbol)	PROPOSED STORM INLET
(Guy wire symbol)	GUY WIRE
(Water meter symbol)	WATER METER
(Water valve symbol)	WATER VALVE
(Warning post symbol)	WARNING POST
(Fence symbol)	FENCE
(Swale flowline symbol)	SWALE FLOWLINE
(Edge of pavement symbol)	EDGE OF PAVEMENT
(Overhead electric symbol)	OVERHEAD ELECTRIC
(Underground electric symbol)	UNDERGROUND ELECTRIC
(Underground fiber optic symbol)	UNDERGROUND FIBER OPTIC
(Underground telephone symbol)	UNDERGROUND TELEPHONE
(Water main symbol)	WATER MAIN
(Sanitary sewer symbol)	SANITARY SEWER
(Proposed flowline symbol)	PROPOSED FLOWLINE



ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	17
STA. 986+50.00		TO		STA. 992+50.00
FEDERAL AID PROJECT			CONTRACT 97447	



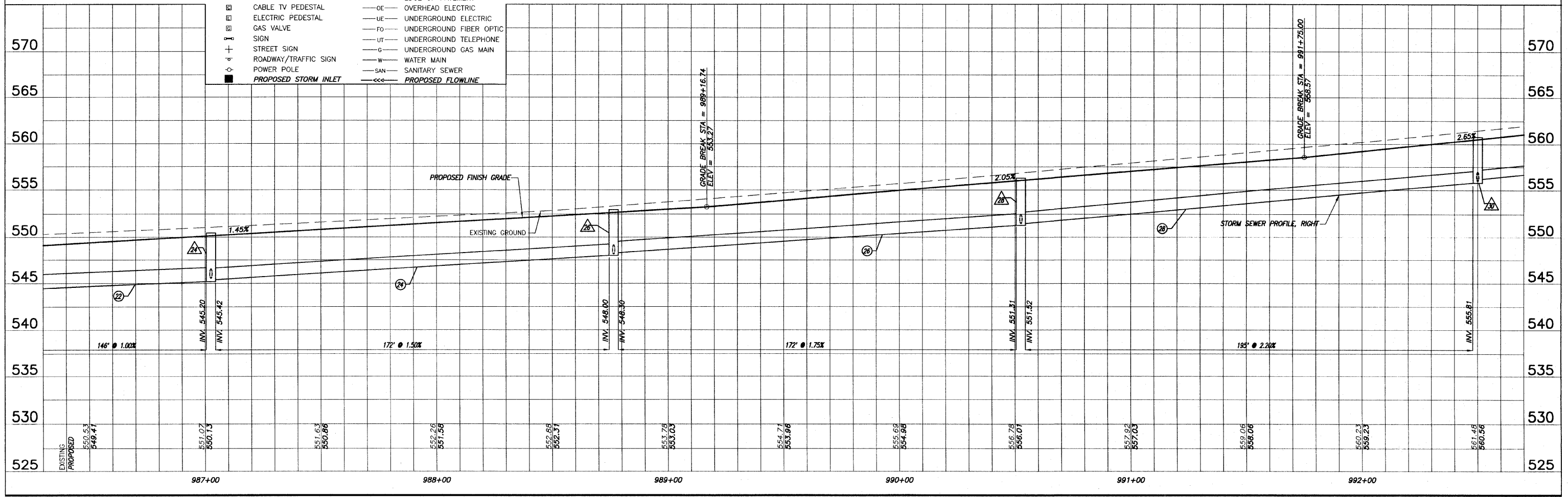
**LEGEND**

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		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
	PROPOSED STORM INLET		PROPOSED FLOWLINE

**BENCHMARK DATA**

⊕ TBM 2/4/09" - TOP OF FLANGE BOLT BETWEEN "MUE" & "LLER" ON FIRE HYDRANT ON SOUTH SIDE OF MILBURN SCHOOL ROAD; ±33' WEST OF C. ROCK DRIVE TO SOUTH. ELEV. 563.03

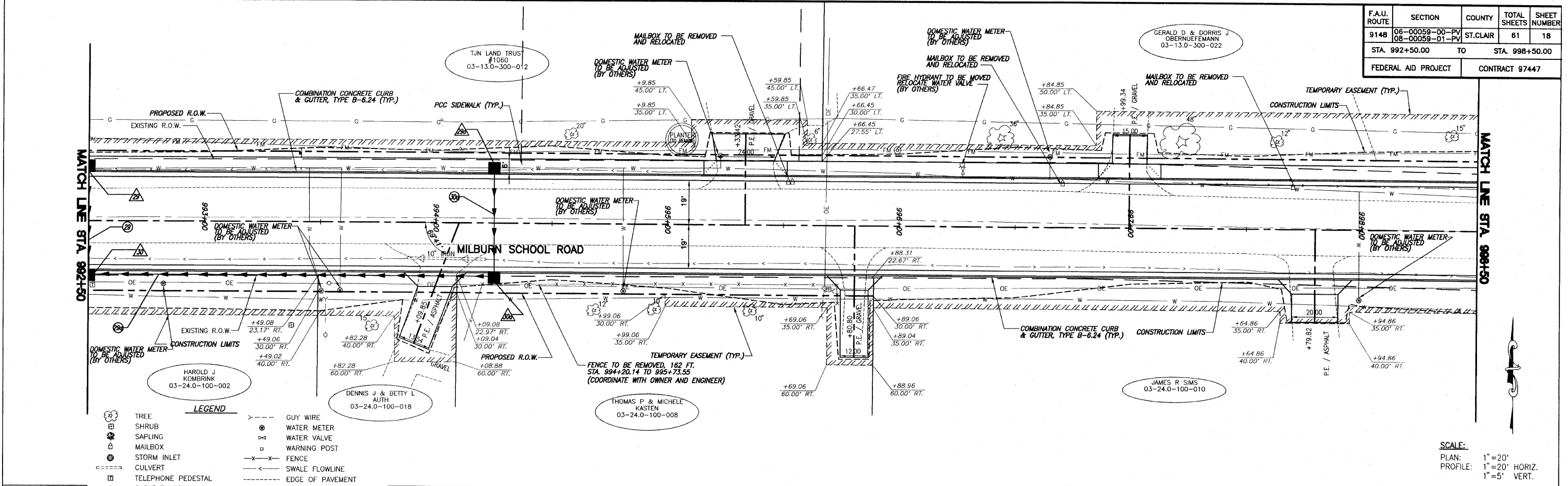
**SCALE:**  
 PLAN: 1"=20'  
 PROFILE: 1"=20' HORIZ.  
 1"=5' VERT.



**ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS**

4/1/2016 9:07 AM - Milburn School Road - Phase 2.dwg (17) - PLAN, PROFILE.dwg, 10/27/2010 11:20:03 AM, P:\msh\msh.kll

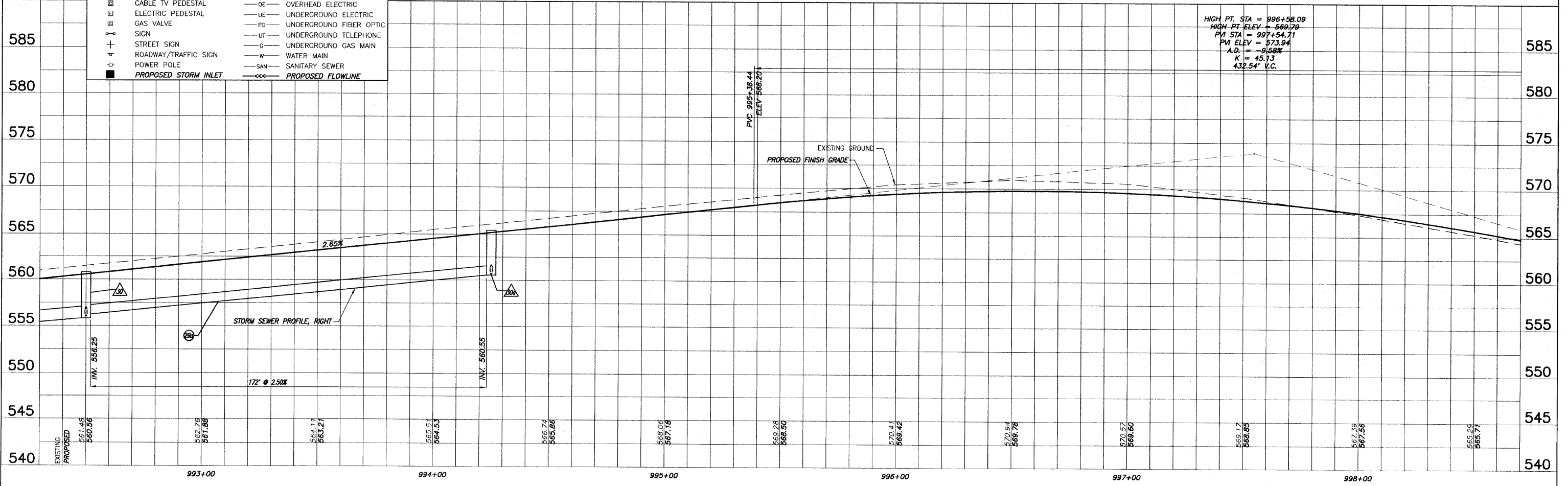
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 06-00059-01-PV	ST. CLAIR	61	18
STA. 992+50.00 TO STA. 998+50.00		FEDERAL AID PROJECT CONTRACT 97447		



**LEGEND**

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		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
	PROPOSED STORM INLET		PROPOSED FLOWLINE

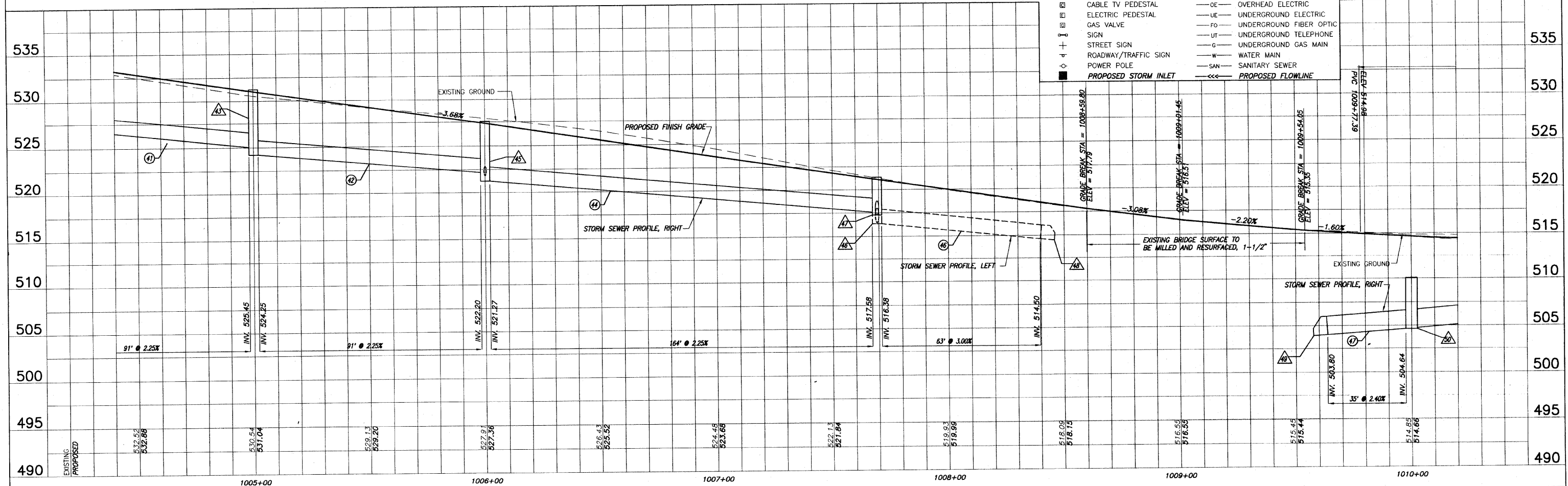
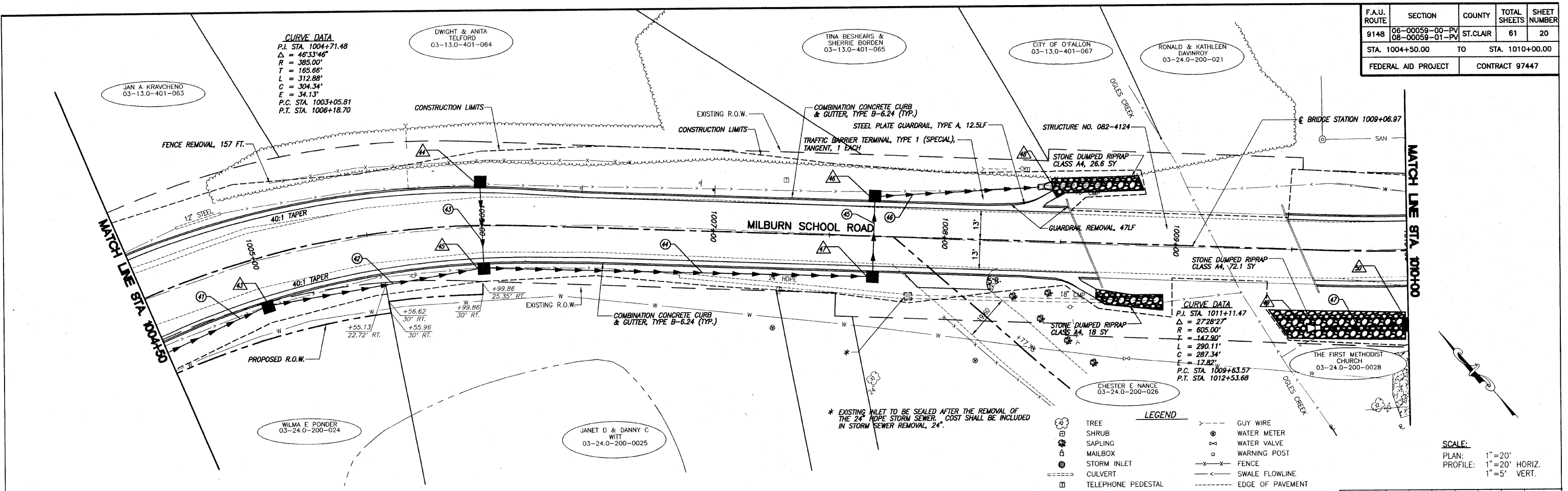
**SCALE:**  
 PLAN: 1"=20'  
 PROFILE: 1"=20' HORIZ.  
 1"=5' VERT.



ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS  
 ST. CLAIR COUNTY, ILLINOIS



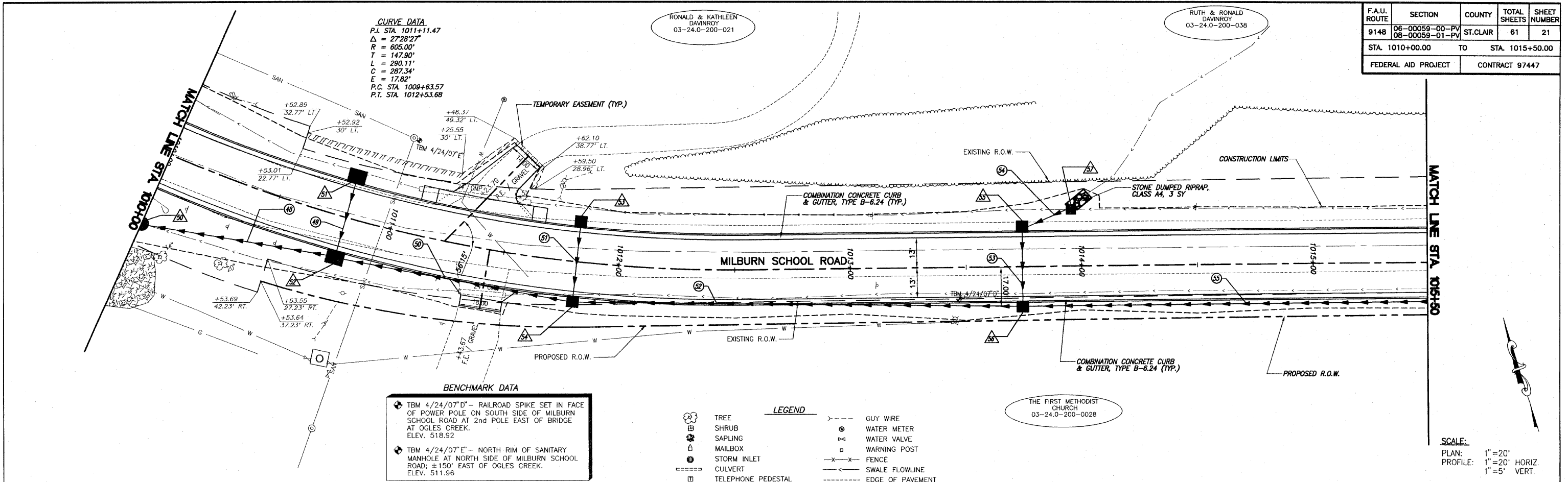
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	20
STA. 1004+50.00		TO		STA. 1010+00.00
FEDERAL AID PROJECT			CONTRACT 97447	



ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

K:\40008 - O'Fallon - Milburn School Road - Phase 2.dwg, 03/11/2010 11:28:34 AM, Plotted by M.A.L.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	21
STA. 1010+00.00		TO		STA. 1015+50.00
FEDERAL AID PROJECT			CONTRACT 97447	

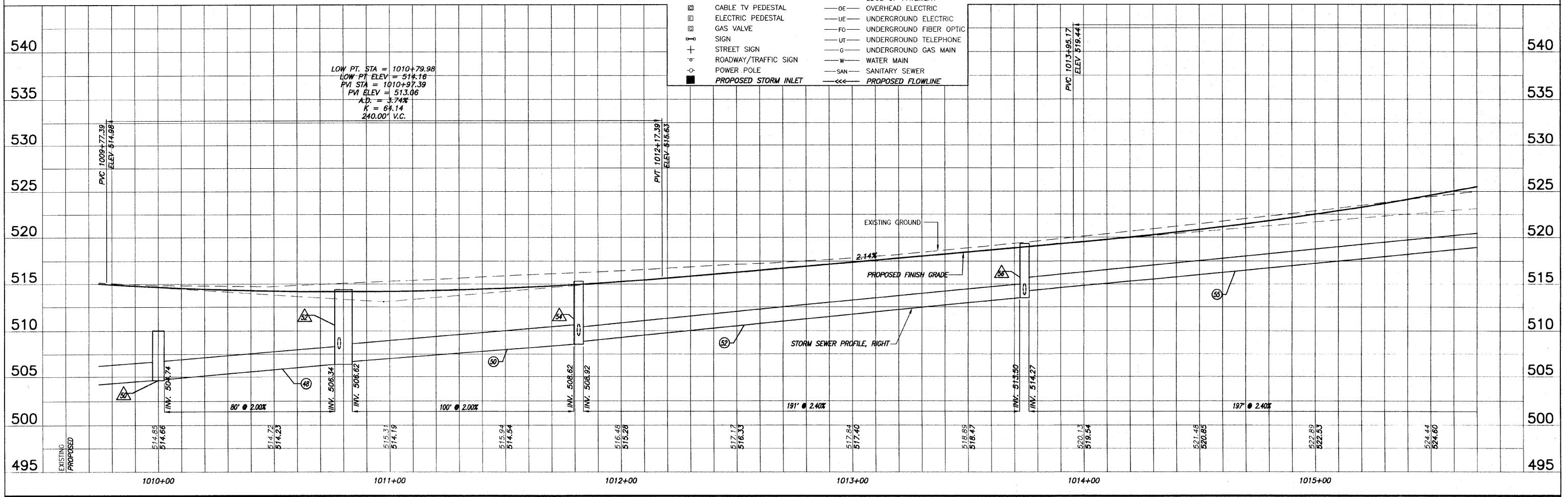


**CURVE DATA**  
 P.I. STA. 1011+11.47  
 $\Delta = 27.28' 27''$   
 $R = 605.00'$   
 $T = 147.90'$   
 $L = 290.11'$   
 $C = 287.34'$   
 $E = 17.82'$   
 P.C. STA. 1009+63.57  
 P.T. STA. 1012+53.68

**BENCHMARK DATA**

- TBM 4/24/07'D" - RAILROAD SPIKE SET IN FACE OF POWER POLE ON SOUTH SIDE OF MILBURN SCHOOL ROAD AT 2nd POLE EAST OF BRIDGE AT OGLES CREEK. ELEV. 518.92
- TBM 4/24/07'E" - NORTH RIM OF SANITARY MANHOLE AT NORTH SIDE OF MILBURN SCHOOL ROAD; ±150' EAST OF OGLES CREEK. ELEV. 511.96

- 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
  - PROPOSED STORM INLET
  - GUY WIRE
  - WATER METER
  - WATER VALVE
  - WARNING POST
  - FENCE
  - SWALE FLOWLINE
  - EDGE OF PAVEMENT
  - OVERHEAD ELECTRIC
  - UNDERGROUND ELECTRIC
  - UNDERGROUND FIBER OPTIC
  - UNDERGROUND TELEPHONE
  - UNDERGROUND GAS MAIN
  - WATER MAIN
  - SANITARY SEWER
  - PROPOSED FLOWLINE

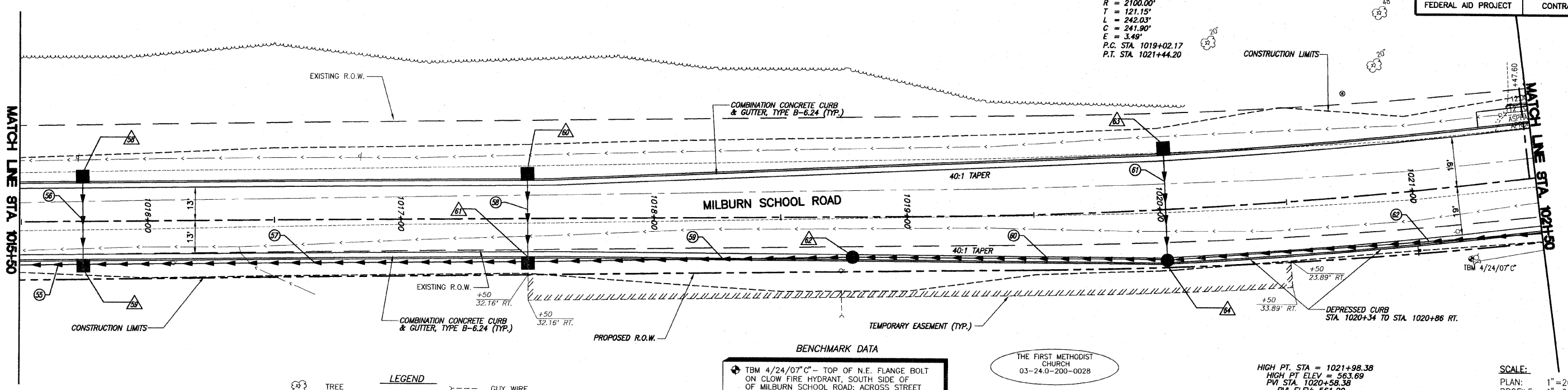


**ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS**

RUTH & RONALD  
DAVINROY  
03-24.0-200-038

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	22
STA. 1015+50.00		TO		STA. 1021+50.00
FEDERAL AID PROJECT		CONTRACT 97447		

**CURVE DATA**  
 P.I. STA. 1020+23.32  
 $\Delta = 06^{\circ}36'13''$   
 $R = 2100.00'$   
 $T = 121.15'$   
 $L = 242.03'$   
 $C = 241.90'$   
 $E = 3.49'$   
 P.C. STA. 1019+02.17  
 P.T. STA. 1021+44.20



**BENCHMARK DATA**  
 TBM 4/24/07 C" - TOP OF N.E. FLANGE BOLT ON CLOW FIRE HYDRANT, SOUTH SIDE OF MILBURN SCHOOL ROAD; ACROSS STREET FROM 334 MILBURN SCHOOL ROAD. ELEV. 564.87

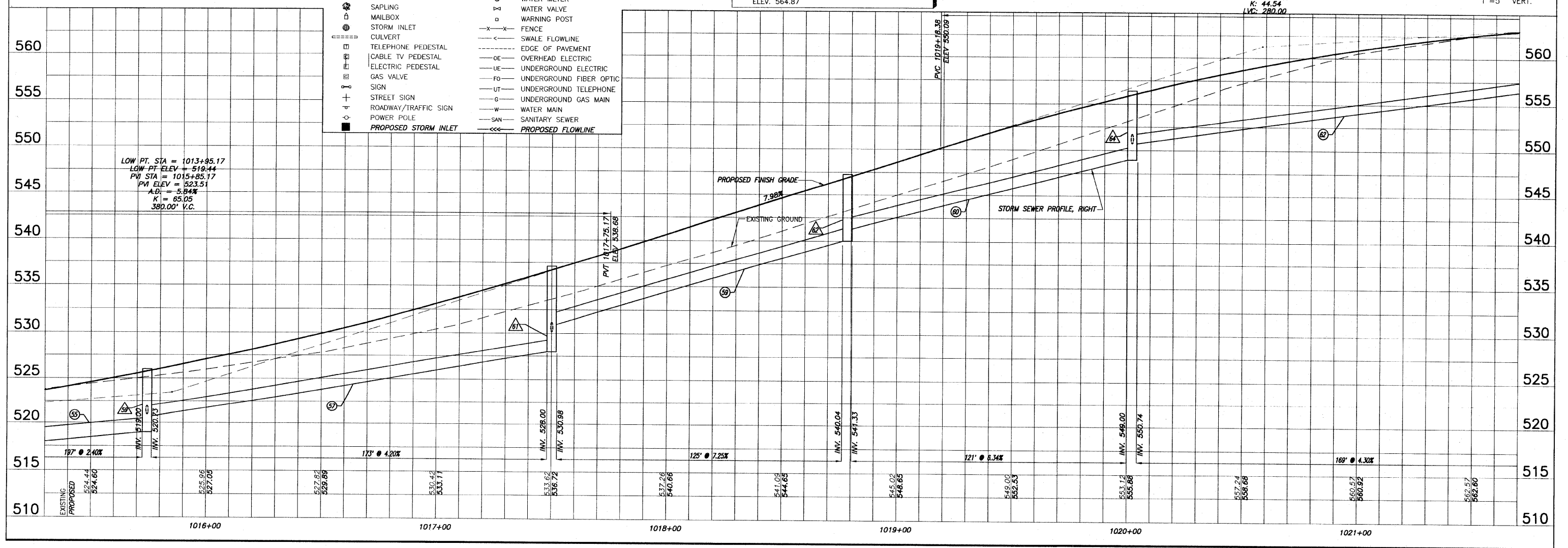
THE FIRST METHODIST CHURCH  
03-24.0-200-0028

HIGH PT. STA = 1021+98.38  
 HIGH PT. ELEV = 563.69  
 PVI STA = 1020+58.38  
 PVI ELEV = 561.29  
 A.D. = -6.29%  
 K = 44.54  
 LVC = 280.00

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

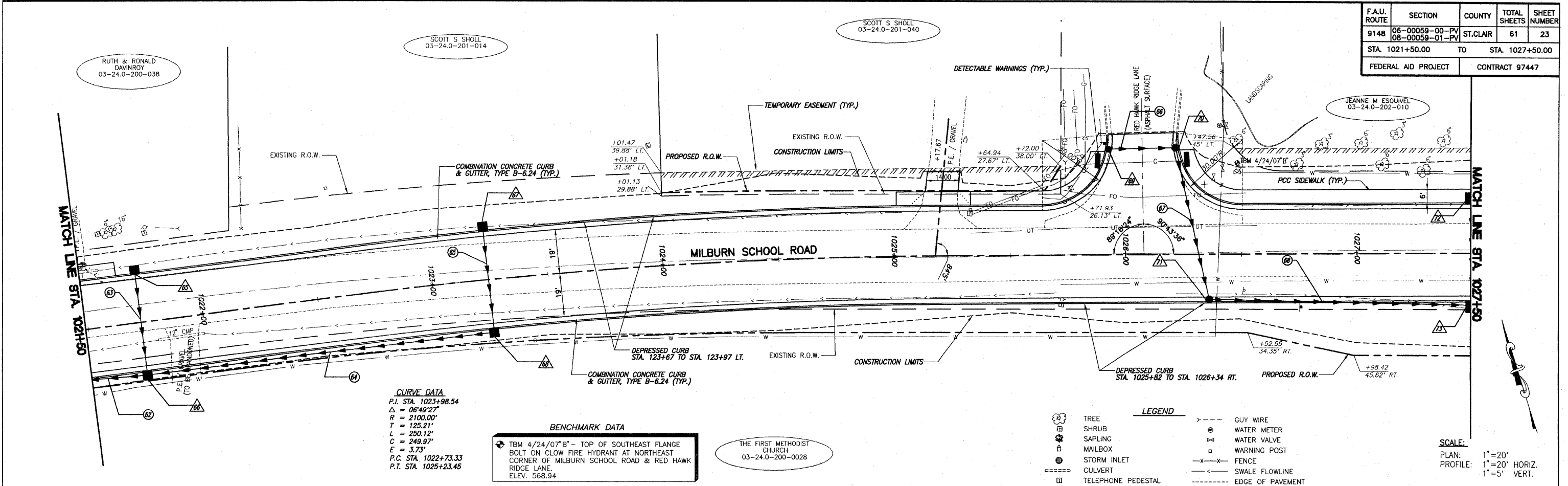
**LEGEND**

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		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
	PROPOSED STORM INLET		PROPOSED FLOWLINE



ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS  
ST. CLAIR COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	23
STA. 1021+50.00		TO		STA. 1027+50.00
FEDERAL AID PROJECT			CONTRACT 97447	



**CURVE DATA**  
P.I. STA. 1023+98.54  
 $\Delta = 06^{\circ}49'27''$   
R = 2100.00'  
T = 125.21'  
L = 250.12'  
C = 249.97'  
E = 3.73'  
P.C. STA. 1022+73.33  
P.T. STA. 1025+23.45

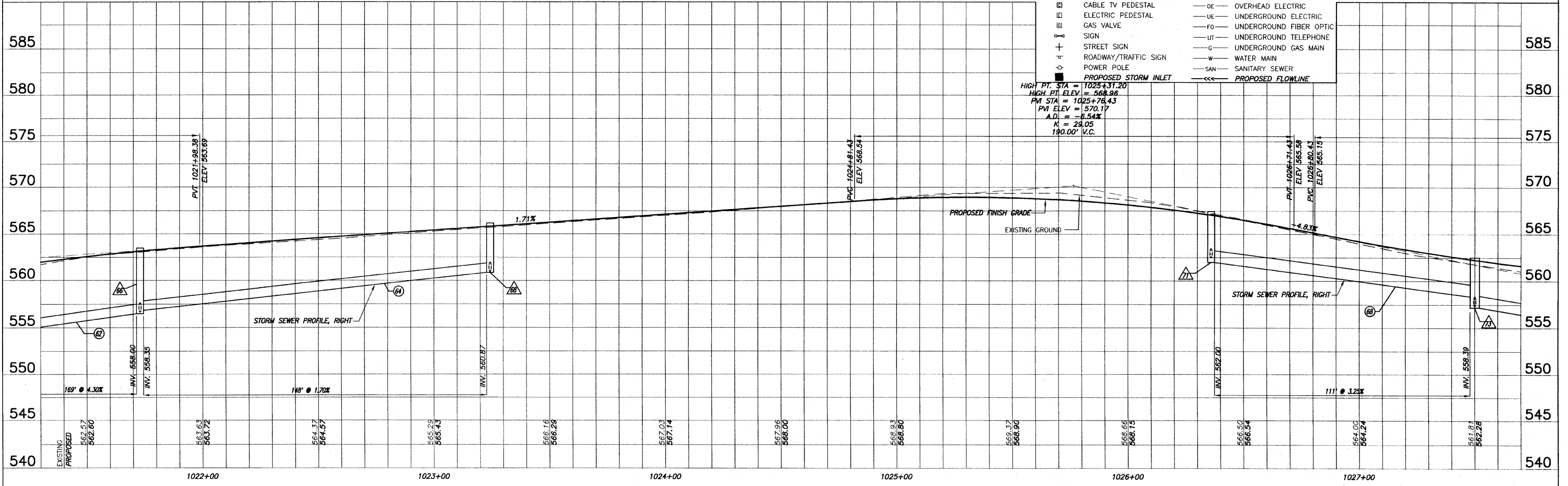
**BENCHMARK DATA**  
TBM 4/24/07' B' - TOP OF SOUTHEAST FLANGE BOLT ON CLOW FIRE HYDRANT AT NORTHEAST CORNER OF MILBURN SCHOOL ROAD & RED HAWK RIDGE LANE. ELEV. 568.94

THE FIRST METHODIST CHURCH  
03-24.0-200-0028

**LEGEND**

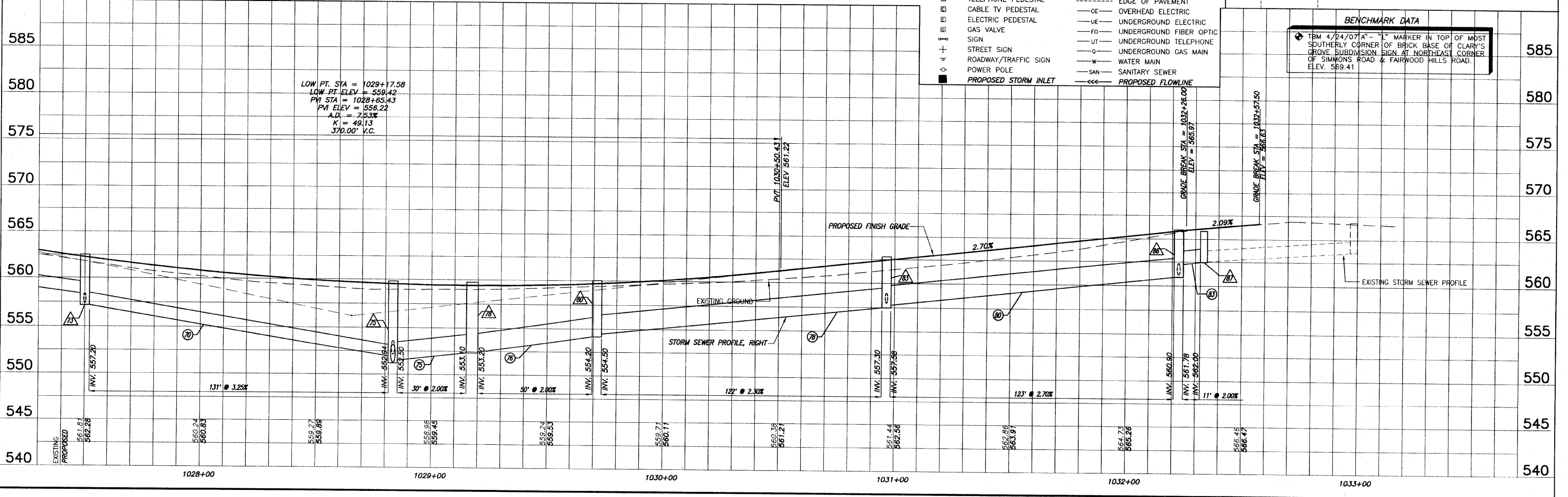
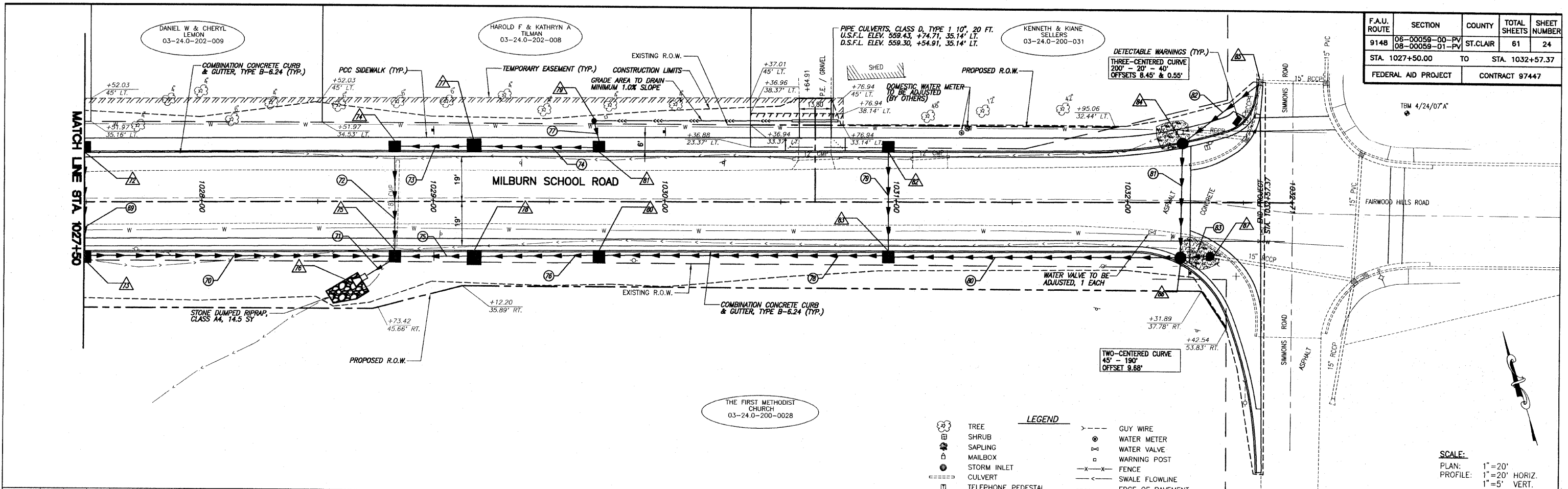
(Tree symbol)	TREE	(Dashed line symbol)	GUY WIRE
(Shrub symbol)	SHRUB	(Circle with cross symbol)	WATER METER
(Sapling symbol)	SAPLING	(Circle with X symbol)	WATER VALVE
(Mailbox symbol)	MAILBOX	(Square with X symbol)	WARNING POST
(Storm inlet symbol)	STORM INLET	(Line with X symbol)	FENCE
(Culvert symbol)	CULVERT	(Line with arrow symbol)	SWALE FLOWLINE
(Telephone pedestal symbol)	TELEPHONE PEDESTAL	(Dashed line symbol)	EDGE OF PAVEMENT
(Cable TV pedestal symbol)	CABLE TV PEDESTAL	(Line with O symbol)	OVERHEAD ELECTRIC
(Electric pedestal symbol)	ELECTRIC PEDESTAL	(Line with U symbol)	UNDERGROUND ELECTRIC
(Gas valve symbol)	GAS VALVE	(Line with FO symbol)	UNDERGROUND FIBER OPTIC
(Sign symbol)	SIGN	(Line with UT symbol)	UNDERGROUND TELEPHONE
(Street sign symbol)	STREET SIGN	(Line with G symbol)	UNDERGROUND GAS MAIN
(Roadway/Traffic sign symbol)	ROADWAY/TRAFFIC SIGN	(Line with W symbol)	WATER MAIN
(Power pole symbol)	POWER POLE	(Line with SAN symbol)	SANITARY SEWER
(Proposed storm inlet symbol)	PROPOSED STORM INLET	(Line with <<< symbol)	PROPOSED FLOWLINE

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



**ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS**

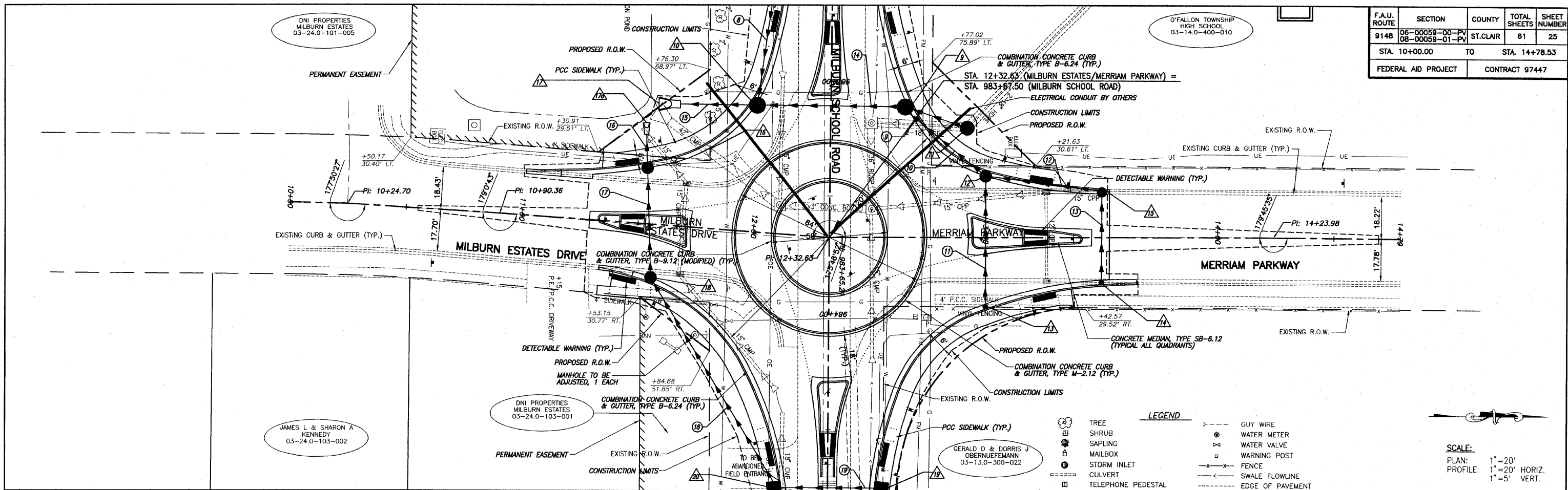
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	24
STA. 1027+50.00 TO STA. 1032+57.37		FEDERAL AID PROJECT CONTRACT 97447		



ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS



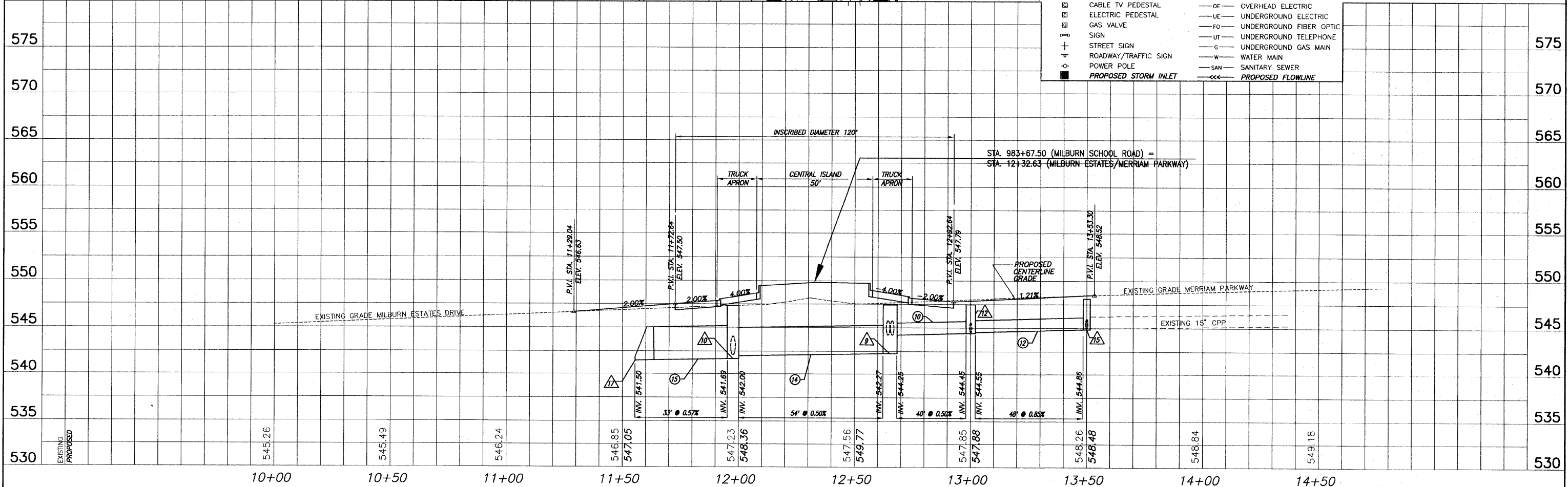
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
914B	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	25
STA. 10+00.00		TO		STA. 14+78.53
FEDERAL AID PROJECT			CONTRACT 97447	



**LEGEND**

	TREE		GUY WIRE
	SHRUB		WATER METER
	SAPLING		WATER VALVE
	MAILBOX		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
	PROPOSED STORM INLET		PROPOSED FLOWLINE

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



**ROADWAY PLAN AND PROFILE MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	26
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT		CONTRACT 97447		

**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" (W20-3(O)-48) AND "ROAD CLOSED AHEAD" (W20-1(O)-48) 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.

**STAGE I**  
MILBURN SCHOOL ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 978+71.62 TO STA. 982+25.

**STAGE II**  
MILBURN SCHOOL ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 982+25 TO STA. 985+55. THE ROUNDABOUT SHALL BE CONSTRUCTED UNDER TRAFFIC KEEPING MERRIAM PARKWAY AND MILBURN ESTATES DRIVE OPEN AT ALL TIMES. THE CONTRACTOR SHOULD SCHEDULE WORK SUCH THAT STAGE II WORK IS COMPLETED OUTSIDE THE OPERATING SCHOOL YEAR.

**STAGE III**  
MILBURN SCHOOL ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 985+55 TO STA. 1003+30. WORK ON PAUSCH ROAD SHALL BE PERFORMED IN SUCH A WAY AS TO ALLOW A LANE FOR INGRESS/EGRESS AT ALL TIMES.

**STAGE IV**  
MILBURN SCHOOL ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 1003+30 TO STA. 1026+00. WORK ON RED HAWK RIDGE LANE SHALL BE PERFORMED IN SUCH A WAY AS TO ALLOW A LANE FOR INGRESS/EGRESS AT ALL TIMES.

**STAGE V**  
MILBURN SCHOOL ROAD SHALL BE CLOSED TO THRU TRAFFIC FOR CONSTRUCTION FROM STA. 1026+00 TO STA. 1032+55.59.

**STAGE VI**  
THE CONTRACTOR SHALL CONSTRUCT THE FINAL SURFACE COURSE LIFT UNDER TRAFFIC UTILIZING THE APPLICABLE SECTIONS FOR STANDARDS 701.306 AND 701.502.

**NOTES:**

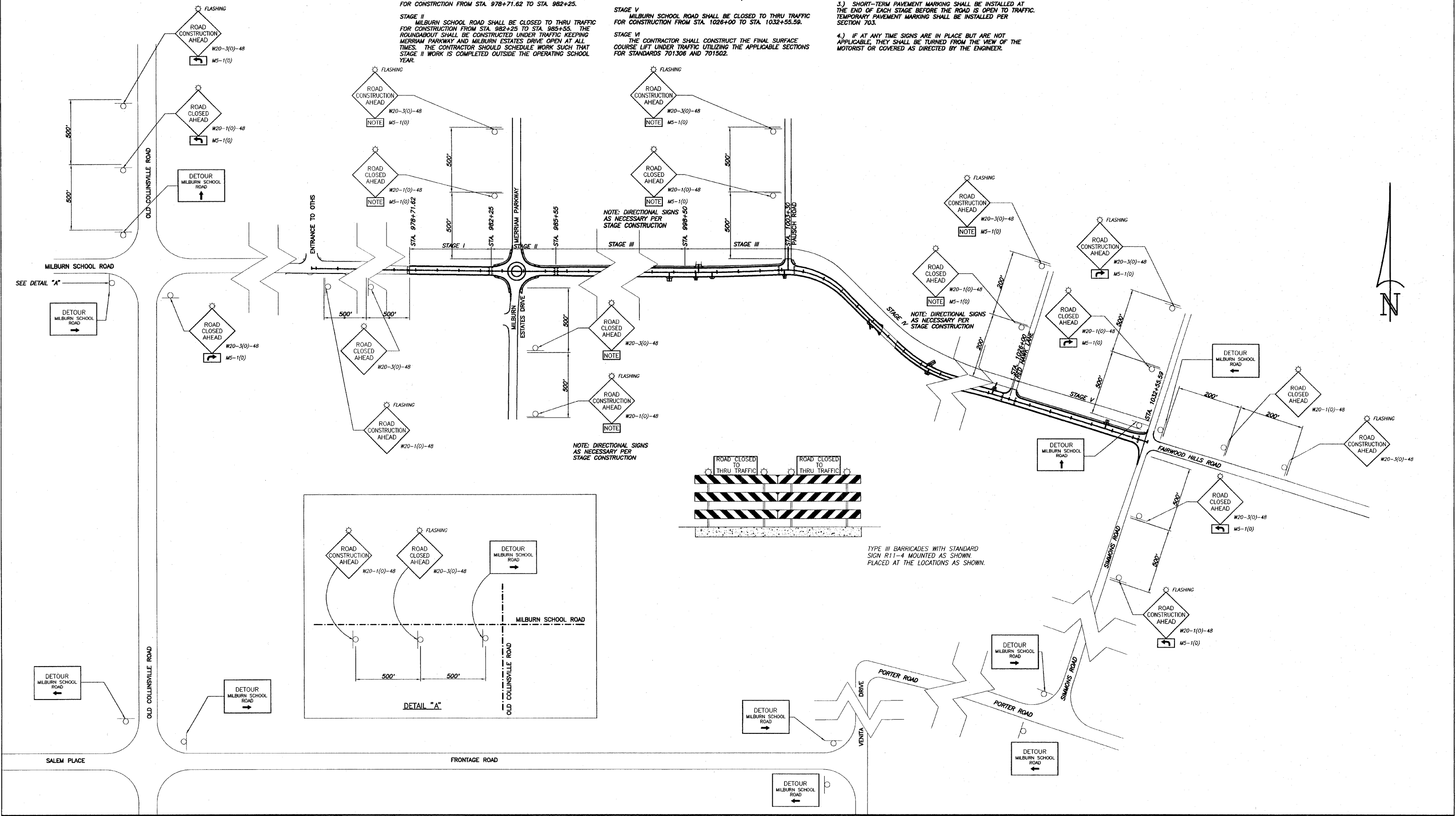
1.) ACCESS TO PRIVATE ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.

2.) STAGE CONSTRUCTION AS SHOWN IS NOT NECESSARILY SEQUENTIAL IN ORDER. STAGING CAN BE ADJUSTED TO ACCOMMODATE SCHOOL SCHEDULING AND TO EXPEDITE CONSTRUCTION. STORM SEWER WORK ON ADJACENT STAGES MAY BE PERFORMED AT THE SAME TIME AS DIRECTED BY THE ENGINEER.

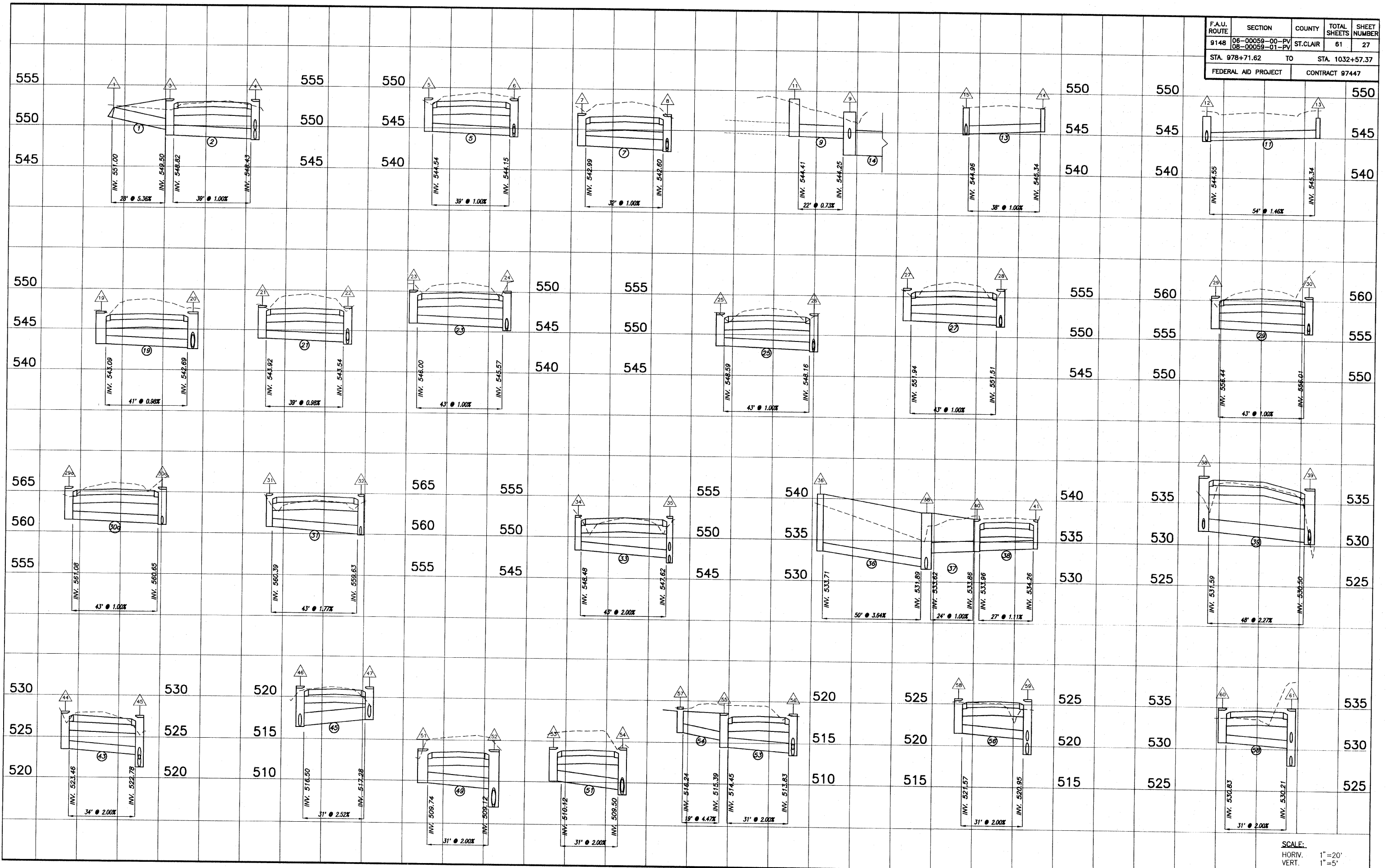
3.) SHORT-TERM PAVEMENT MARKING SHALL BE INSTALLED AT THE END OF EACH STAGE BEFORE THE ROAD IS OPEN TO TRAFFIC. TEMPORARY PAVEMENT MARKING SHALL BE INSTALLED PER SECTION 703.

4.) IF AT ANY TIME SIGNS ARE IN PLACE BUT ARE NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF THE MOTORIST OR COVERED AS DIRECTED BY THE ENGINEER.

5.) THE TRAFFIC CONTROL PLAN AS SHOWN IS A DEPICTION OF THE OVERALL SCOPE OF WORK. THE POSSIBILITY EXISTS THAT WORK ON THIS CONTRACT MAY RUN CONCURRENTLY WITH CONSTRUCTION ON OLD COLLINSVILLE ROAD AND AT THE INTERSECTION OF SIMMONS ROAD AND PORTER ROAD. IN SAID CASES, DETOUR SIGNING WILL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. ANY ADVANCE SIGNING WILL BE COORDINATED BETWEEN CONTRACTORS AS PROJECT OVERLAP DICTATES.

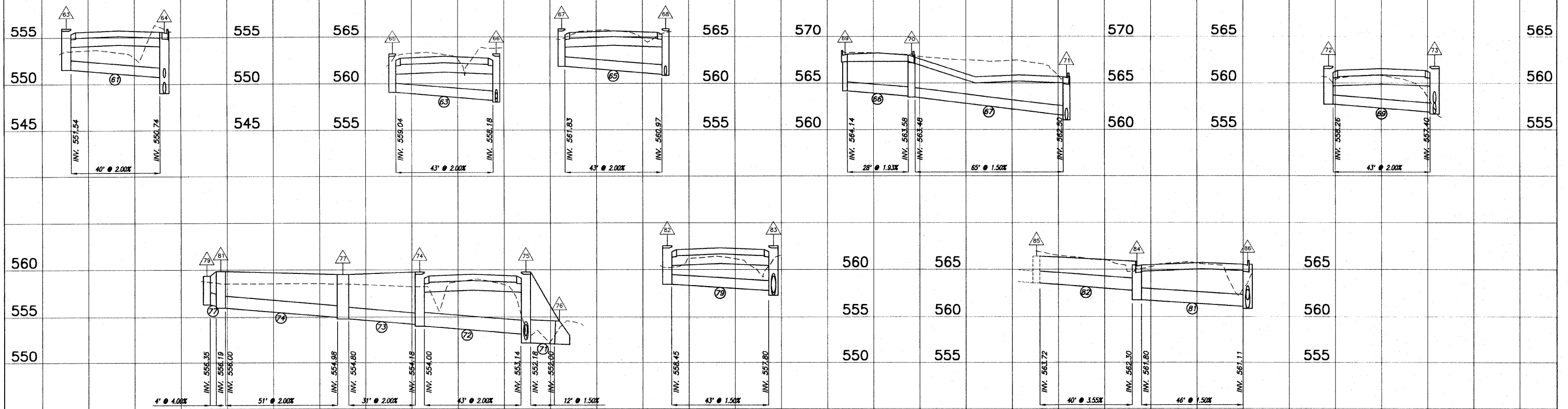


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	27
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	



SCALE:  
 HORIV. 1"=20'  
 VERT. 1"=5'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	28
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	



SCALE:  
 HORIV. 1"=20'  
 VERT. 1"=5'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	29
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

**N.W. QUADRANT**

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
982+34.41	17.00' LT.	546.53	0.0
982+44.41	17.26' LT.	546.68	10.0
982+54.38	18.05' LT.	546.76	20.0
982+64.29	19.36' LT.	546.91	30.0
982+74.12	21.20' LT.	547.02	40.0
982+83.84	23.54' LT.	547.13	50.0
982+93.42	26.40' LT.	547.24	60.0
983+02.84	29.75' LT.	547.36	70.0
983+09.77	32.58' LT.	547.44	77.48
983+12.06	33.63' LT.	547.47	80.00
12+71.99	46.42' LT.	547.59	90.00
12+76.47	40.96' LT.	547.67	95.94
12+78.53	38.87' LT.	547.64	100.00
12+86.32	32.63' LT.	547.57	110.00
12+95.12	27.90' LT.	547.51	120.00
13+00.00	26.10' LT.	547.48	125.16
13+01.81	25.57' LT.	547.49	125.91
13+04.62	24.78' LT.	547.54	130.00
13+14.35	22.48' LT.	547.67	140.00
13+24.19	20.69' LT.	547.79	150.00
13+34.10	19.42' LT.	547.92	160.00
13+44.07	18.68' LT.	548.04	170.00
13+50.00	18.49' LT.	548.11	175.91
13+51.97	18.46' LT.	548.13	177.90
13+53.30	18.45' LT.	548.15	---

**N.E. QUADRANT**

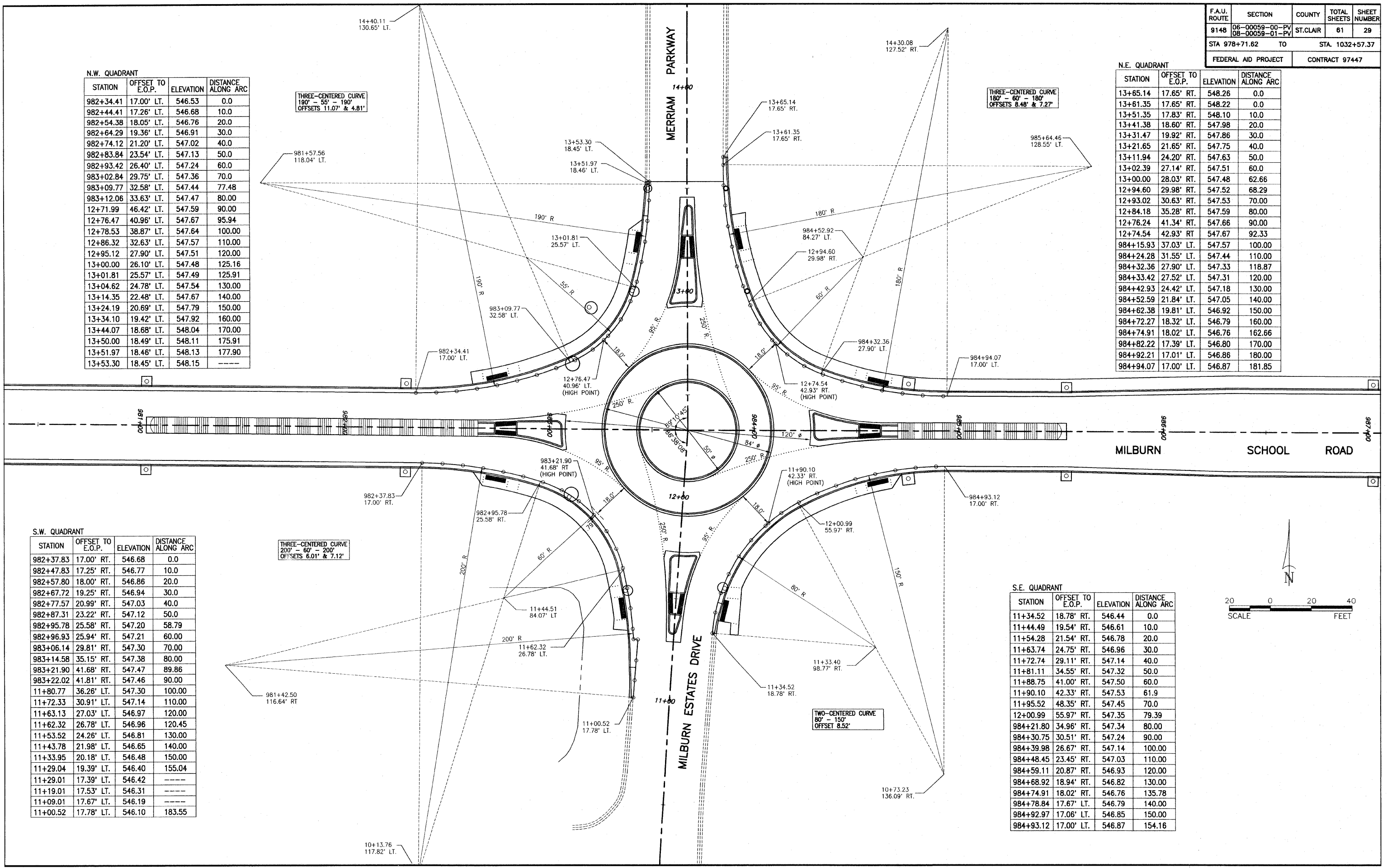
STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
13+65.14	17.65' RT.	548.26	0.0
13+61.35	17.65' RT.	548.22	0.0
13+51.35	17.83' RT.	548.10	10.0
13+41.38	18.60' RT.	547.98	20.0
13+31.47	19.92' RT.	547.86	30.0
13+21.65	21.65' RT.	547.75	40.0
13+11.94	24.20' RT.	547.63	50.0
13+02.39	27.14' RT.	547.51	60.0
13+00.00	28.03' RT.	547.48	62.66
12+94.60	29.98' RT.	547.52	68.29
12+93.02	30.63' RT.	547.53	70.00
12+84.18	35.28' RT.	547.59	80.00
12+76.24	41.34' RT.	547.66	90.00
12+74.54	42.93' RT.	547.67	92.33
984+15.93	37.03' LT.	547.57	100.00
984+24.28	31.55' LT.	547.44	110.00
984+32.36	27.90' LT.	547.33	118.87
984+33.42	27.52' LT.	547.31	120.00
984+42.93	24.42' LT.	547.18	130.00
984+52.59	21.84' LT.	547.05	140.00
984+62.38	19.81' LT.	546.92	150.00
984+72.27	18.32' LT.	546.79	160.00
984+74.91	18.02' LT.	546.76	162.66
984+82.22	17.39' LT.	546.80	170.00
984+92.21	17.01' LT.	546.86	180.00
984+94.07	17.00' LT.	546.87	181.85

**S.W. QUADRANT**

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
982+37.83	17.00' RT.	546.68	0.0
982+47.83	17.25' RT.	546.77	10.0
982+57.80	18.00' RT.	546.86	20.0
982+67.72	19.25' RT.	546.94	30.0
982+77.57	20.99' RT.	547.03	40.0
982+87.31	23.22' RT.	547.12	50.0
982+95.78	25.58' RT.	547.20	58.79
982+96.93	25.94' RT.	547.21	60.00
983+06.14	29.81' RT.	547.30	70.00
983+14.58	35.15' RT.	547.38	80.00
983+21.90	41.68' RT.	547.47	89.86
983+22.02	41.81' RT.	547.46	90.00
11+80.77	36.26' LT.	547.30	100.00
11+72.33	30.91' LT.	547.14	110.00
11+63.13	27.03' LT.	546.97	120.00
11+62.32	26.78' LT.	546.96	120.45
11+53.52	24.26' LT.	546.81	130.00
11+43.78	21.98' LT.	546.65	140.00
11+33.95	20.18' LT.	546.48	150.00
11+29.04	19.39' LT.	546.40	155.04
11+29.01	17.39' LT.	546.42	---
11+19.01	17.53' LT.	546.31	---
11+09.01	17.67' LT.	546.19	---
11+00.52	17.78' LT.	546.10	183.55

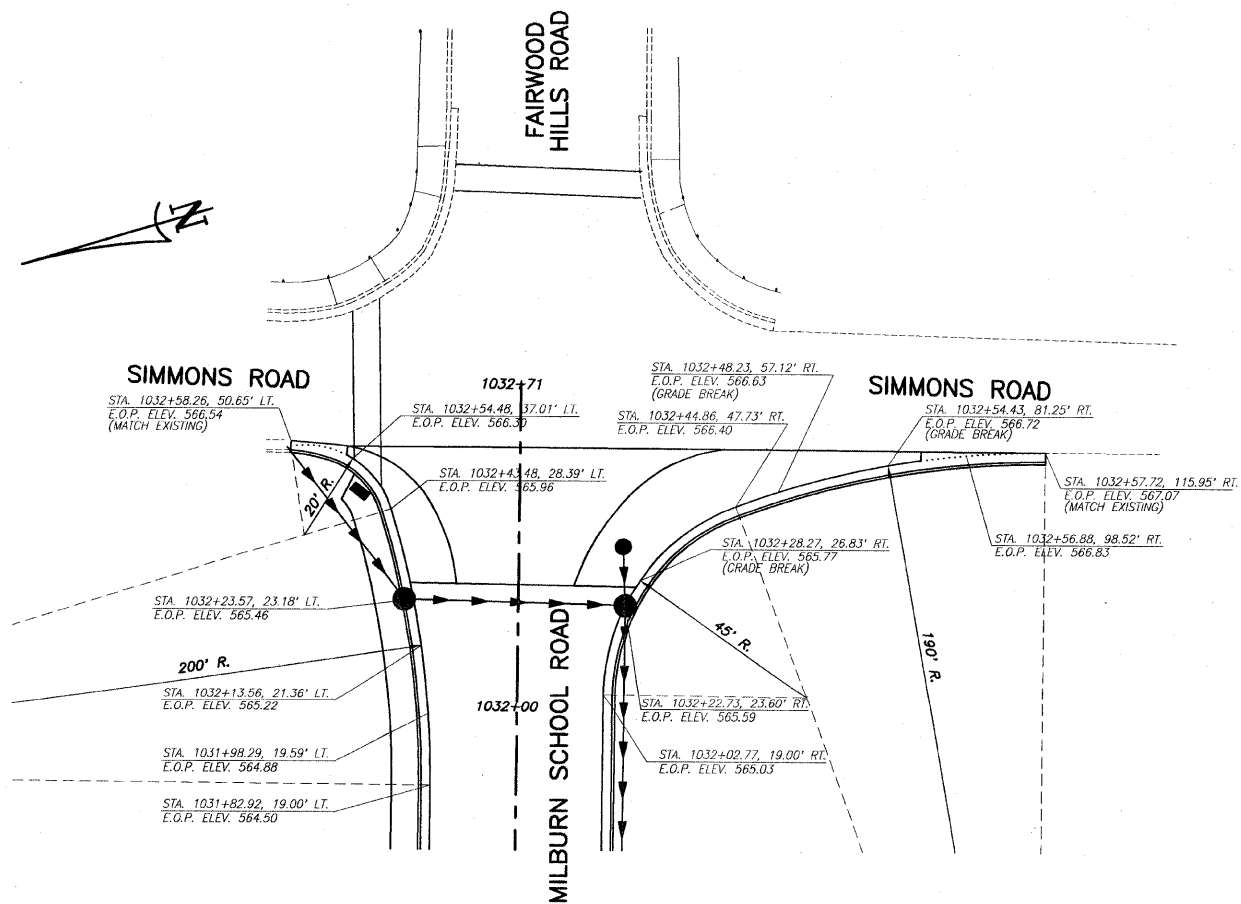
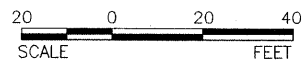
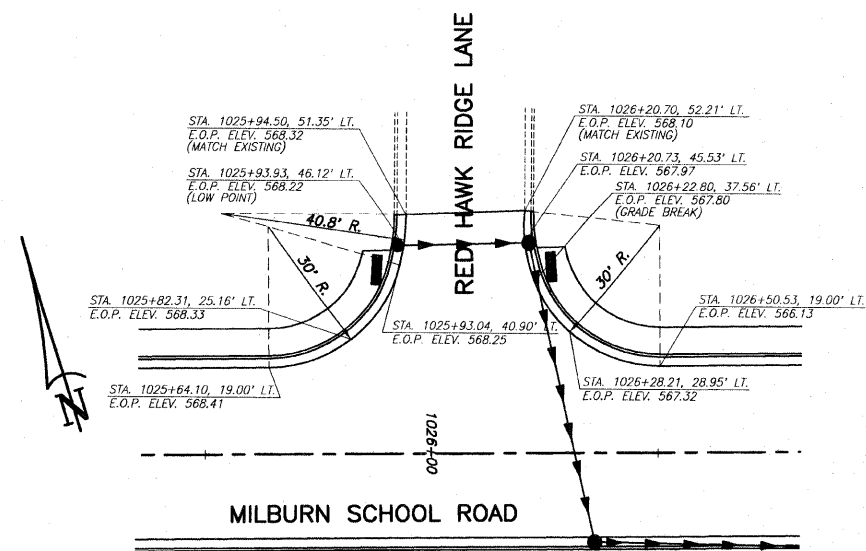
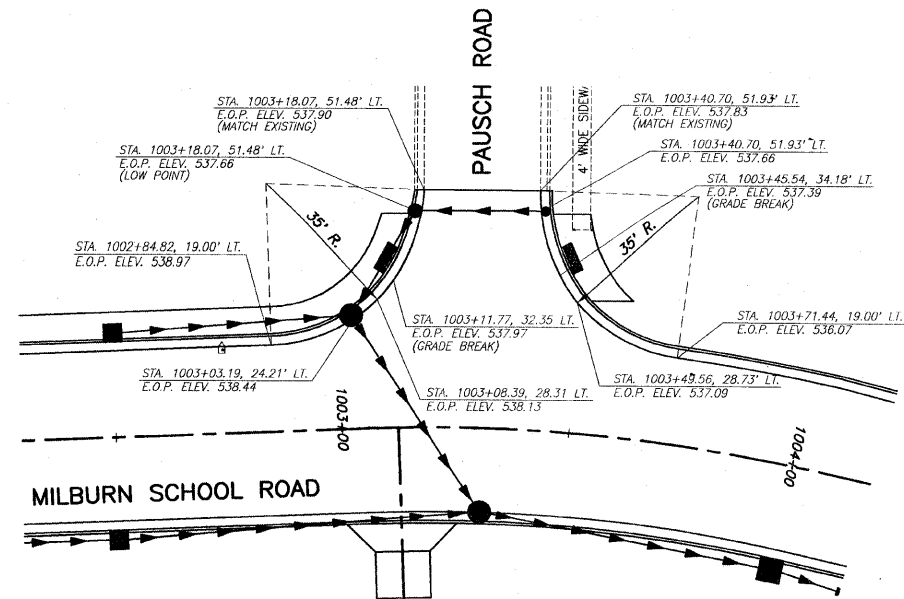
**S.E. QUADRANT**

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
11+34.52	18.78' RT.	546.44	0.0
11+44.49	19.54' RT.	546.61	10.0
11+54.28	21.54' RT.	546.78	20.0
11+63.74	24.75' RT.	546.96	30.0
11+72.74	29.11' RT.	547.14	40.0
11+81.11	34.55' RT.	547.32	50.0
11+88.75	41.00' RT.	547.50	60.0
11+90.10	42.33' RT.	547.53	61.9
11+95.52	48.35' RT.	547.45	70.0
12+00.99	55.97' RT.	547.35	79.39
984+21.80	34.96' RT.	547.34	80.00
984+30.75	30.51' RT.	547.24	90.00
984+39.98	26.67' RT.	547.14	100.00
984+48.45	23.45' RT.	547.03	110.00
984+59.11	20.87' RT.	546.93	120.00
984+68.92	18.94' RT.	546.82	130.00
984+74.91	18.02' RT.	546.76	135.78
984+78.84	17.67' LT.	546.79	140.00
984+92.97	17.06' LT.	546.85	150.00
984+93.12	17.00' LT.	546.87	154.16





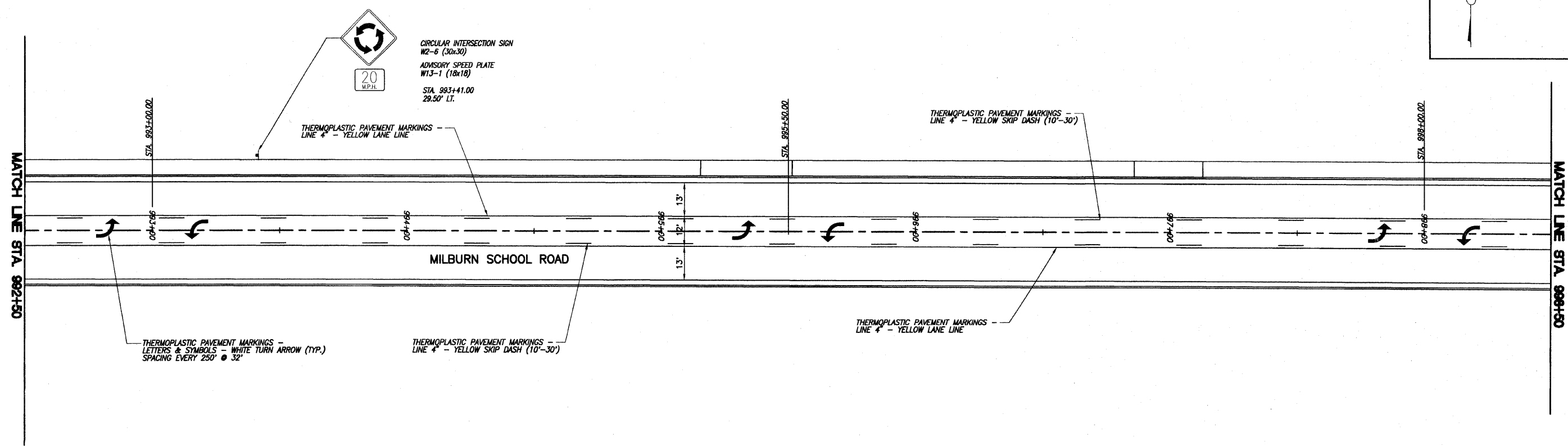
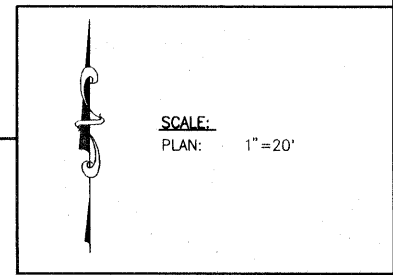
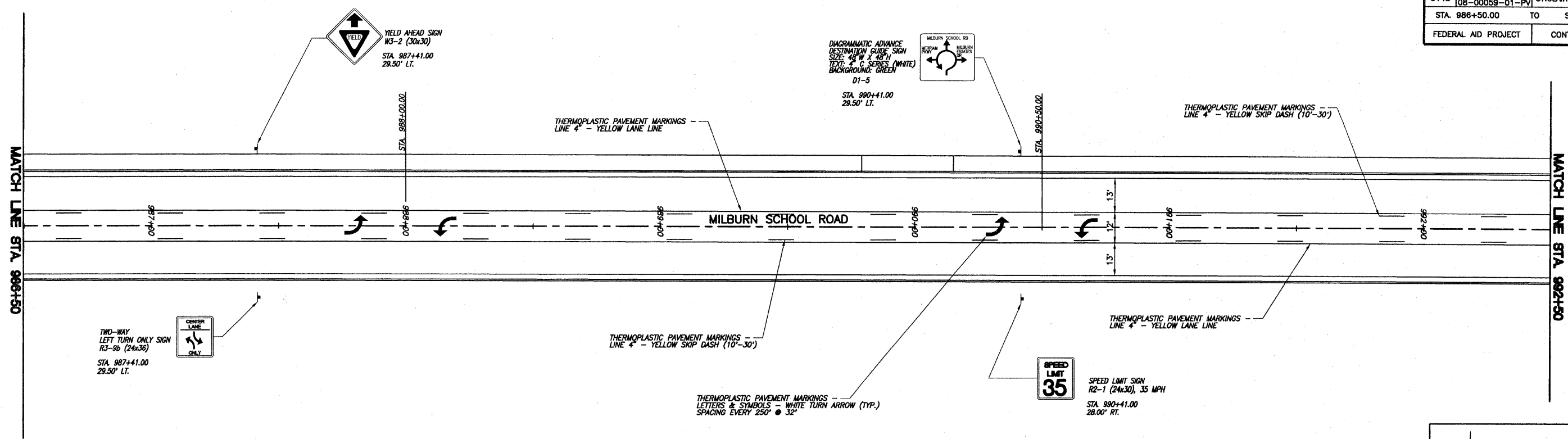
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
914B	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	31
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	



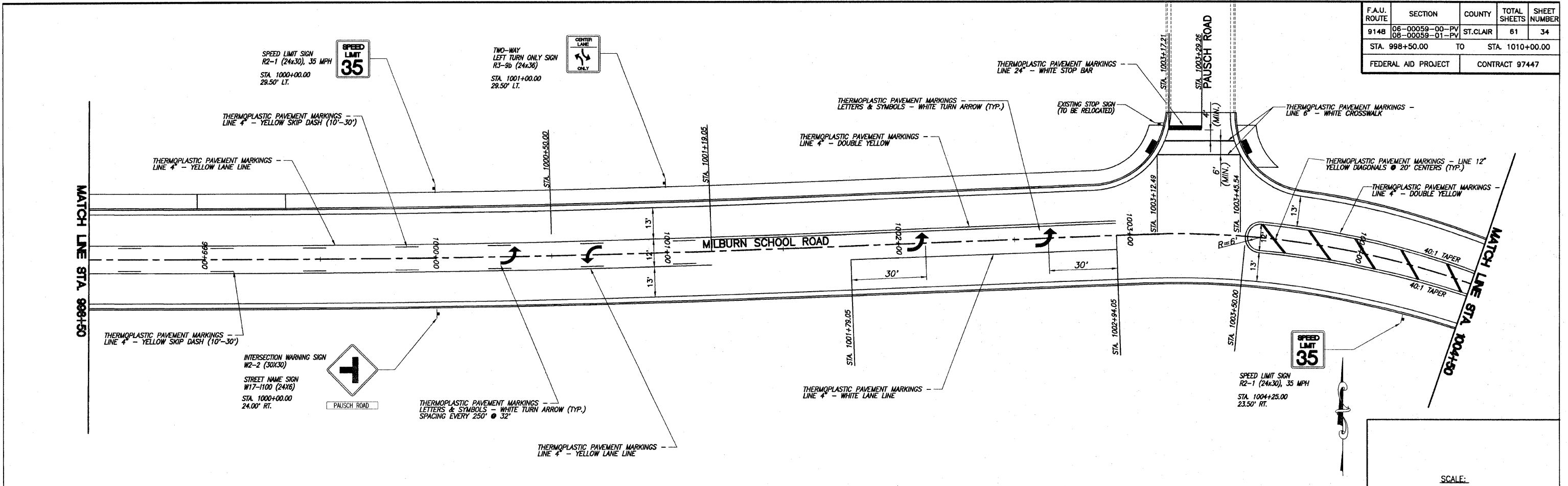




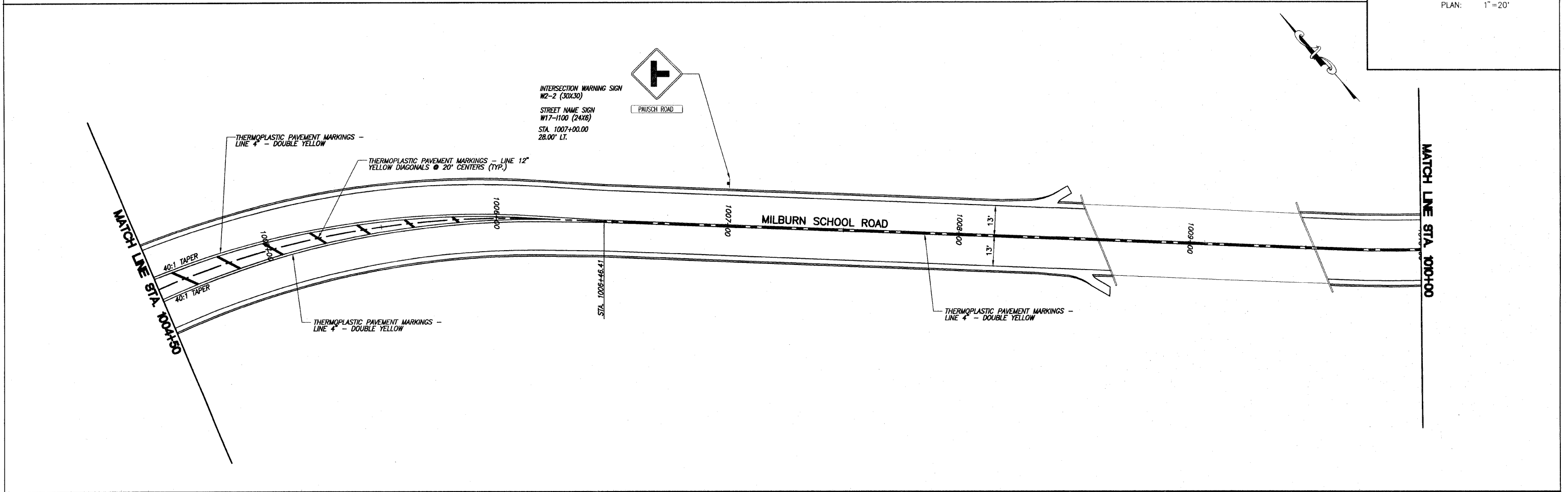
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9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	33
STA. 986+50.00		TO	STA. 998+50.00	
FEDERAL AID PROJECT		CONTRACT 97447		



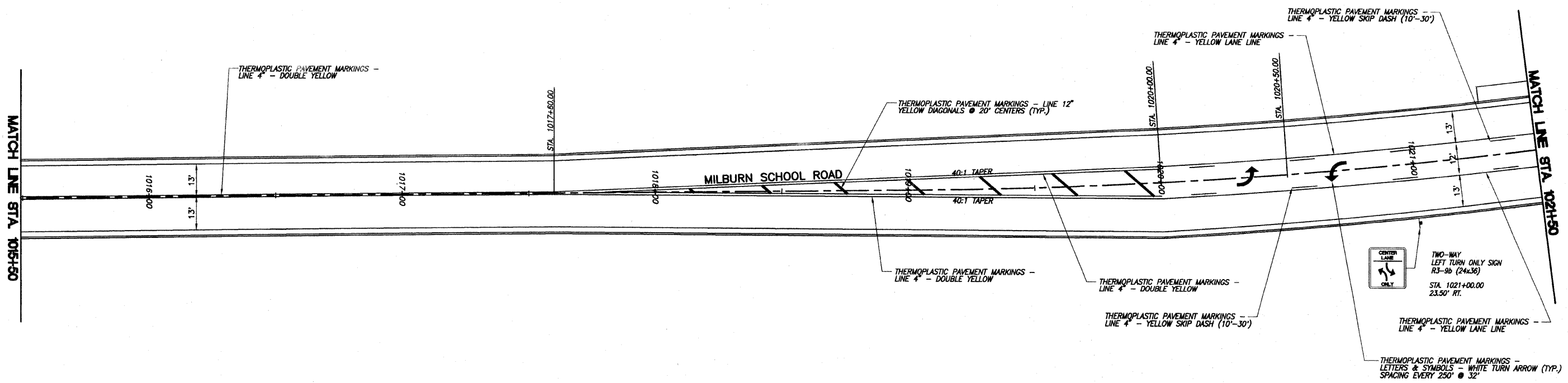
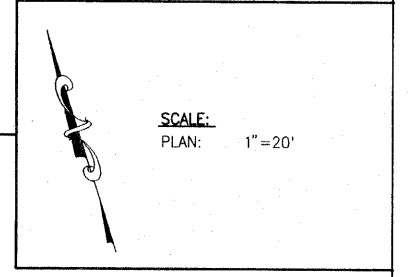
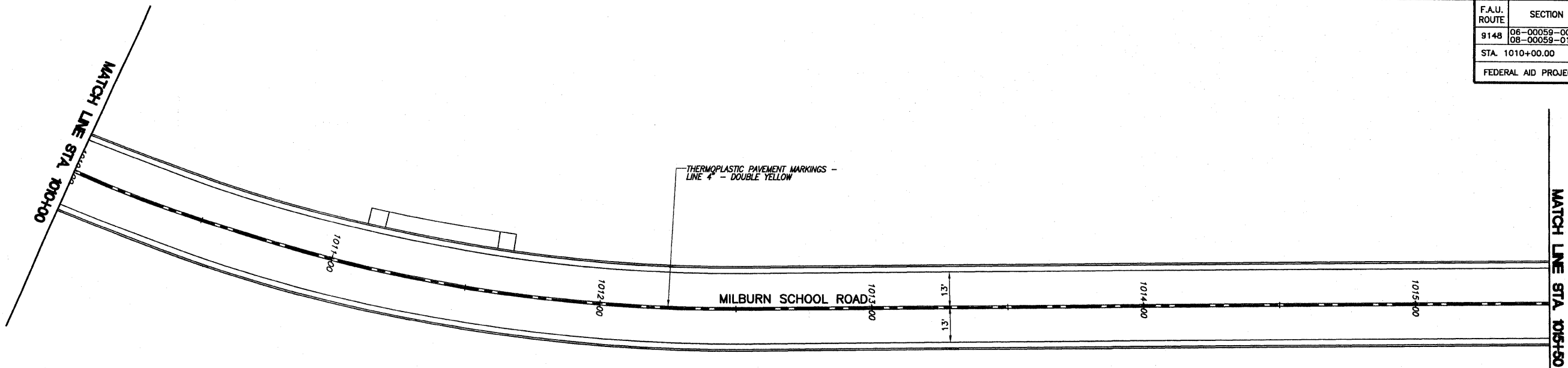
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9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	34
STA. 998+50.00 TO STA. 1010+00.00				
FEDERAL AID PROJECT			CONTRACT 97447	



SCALE:  
PLAN: 1"=20'



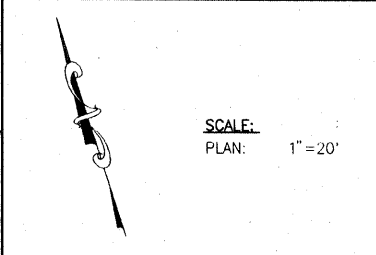
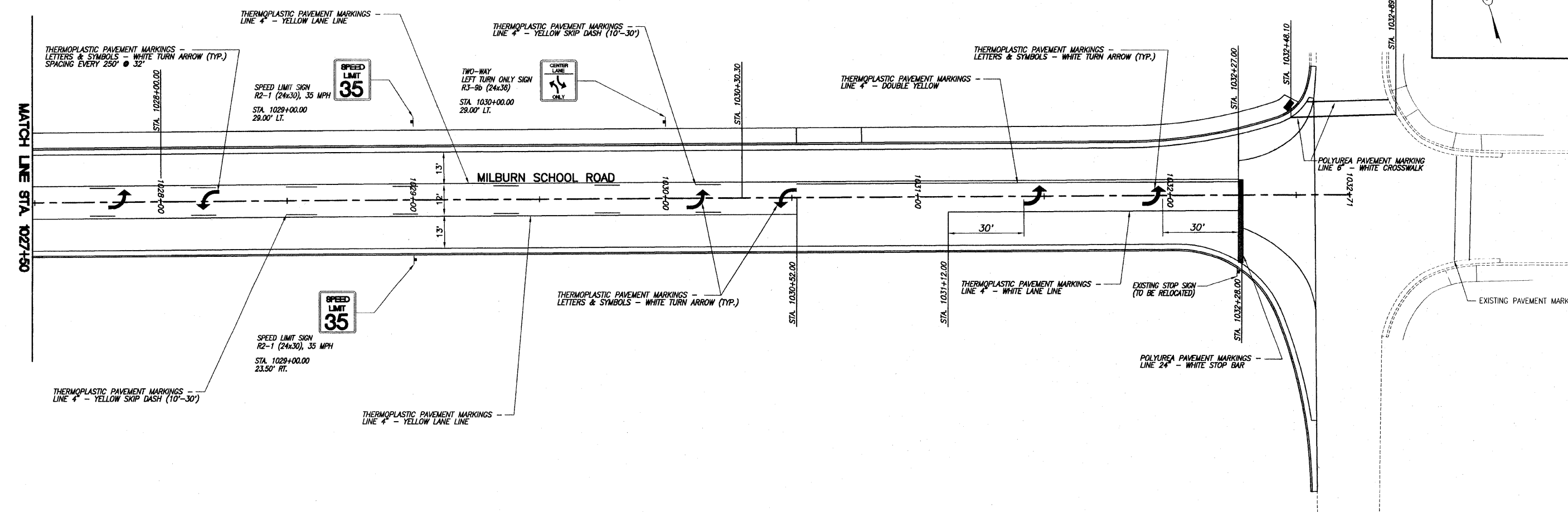
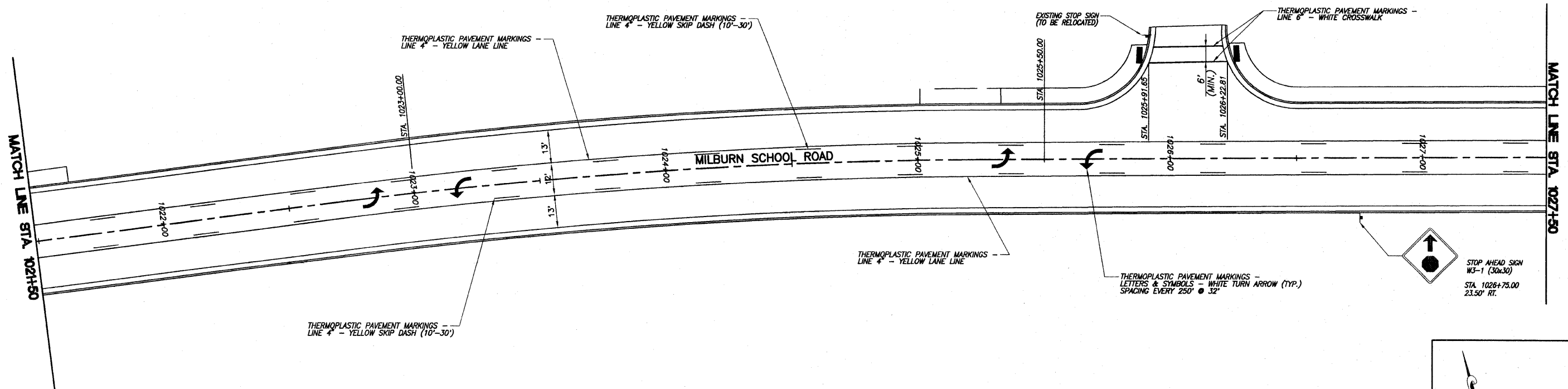
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914B	06-00058-00-PV 08-00058-01-PV	ST. CLAIR	61	35
STA. 1010+00.00		TO	STA. 1021+50.00	
FEDERAL AID PROJECT			CONTRACT 97447	



PAVEMENT MARKING PLAN MILBURN SCHOOL ROAD IMPROVEMENTS  
ST. CLAIR COUNTY, ILLINOIS

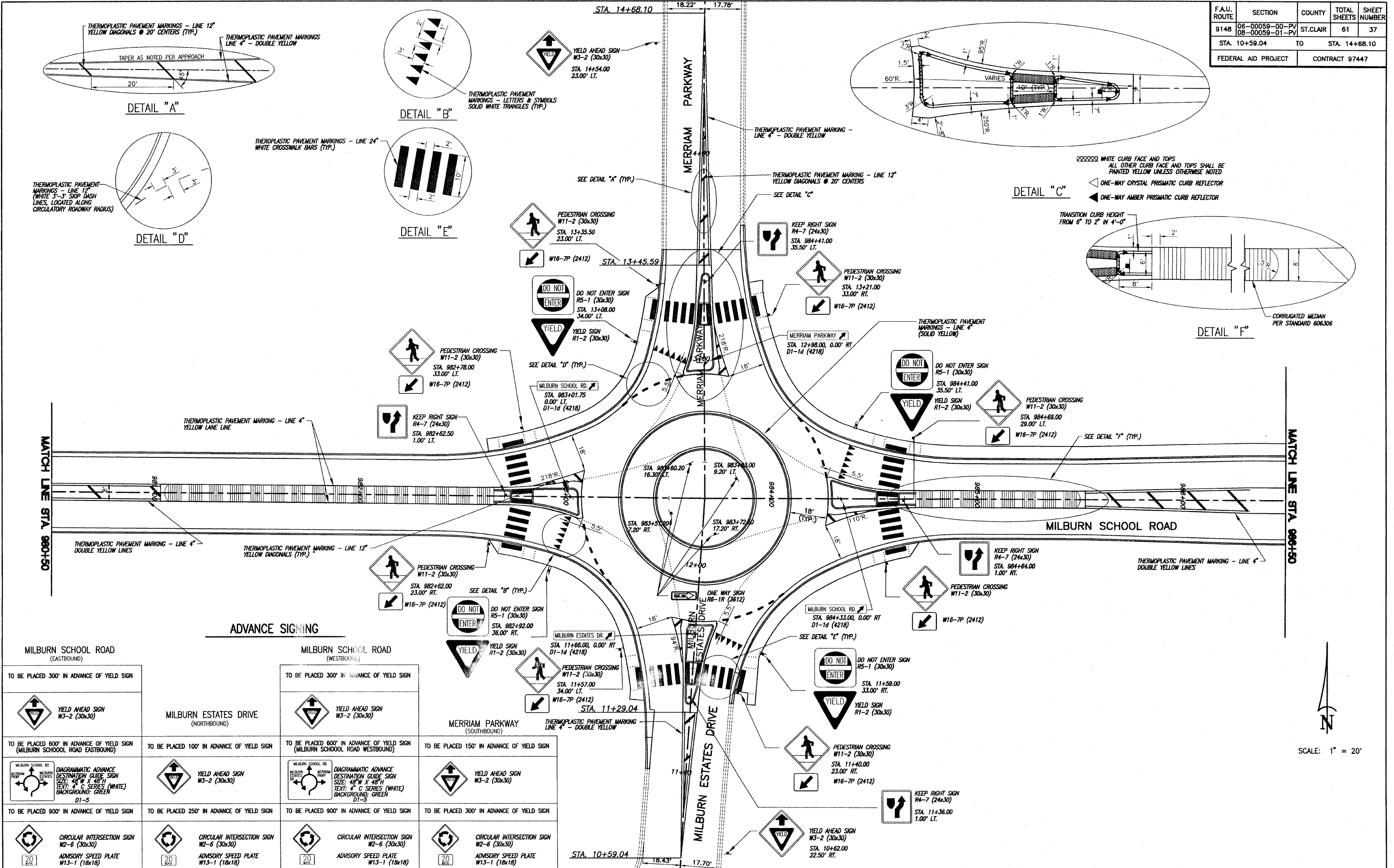
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	36
STA. 1021+50.00		TO	STA. 1032+57.37	
FEDERAL AID PROJECT		CONTRACT 97447		



PAVEMENT MARKING PLAN MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	37
STA. 10+59.04		TO		STA. 14+68.10
FEDERAL AID PROJECT			CONTRACT 97447	



DETAIL "A"

DETAIL "B"

DETAIL "C"

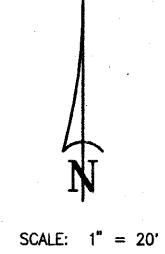
DETAIL "D"

DETAIL "E"

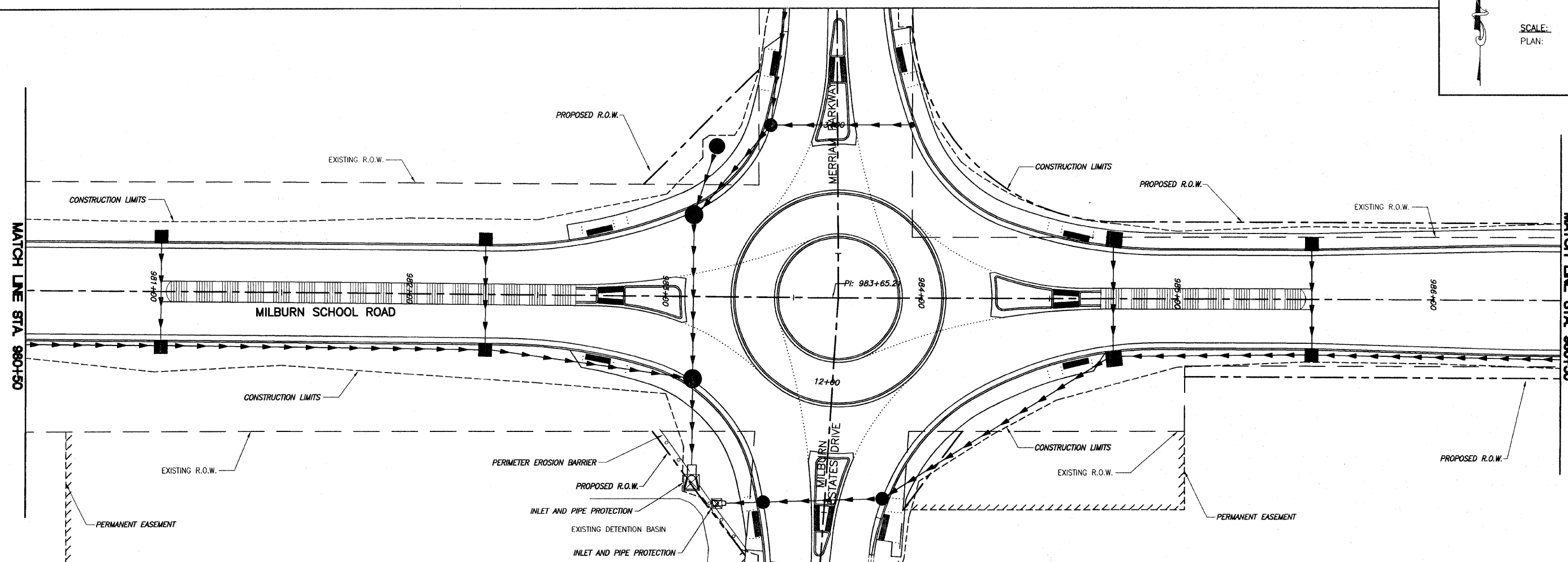
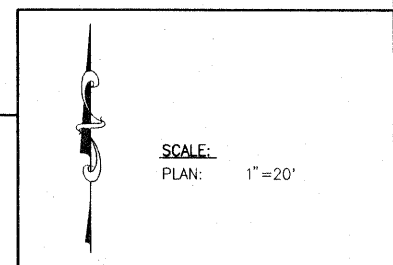
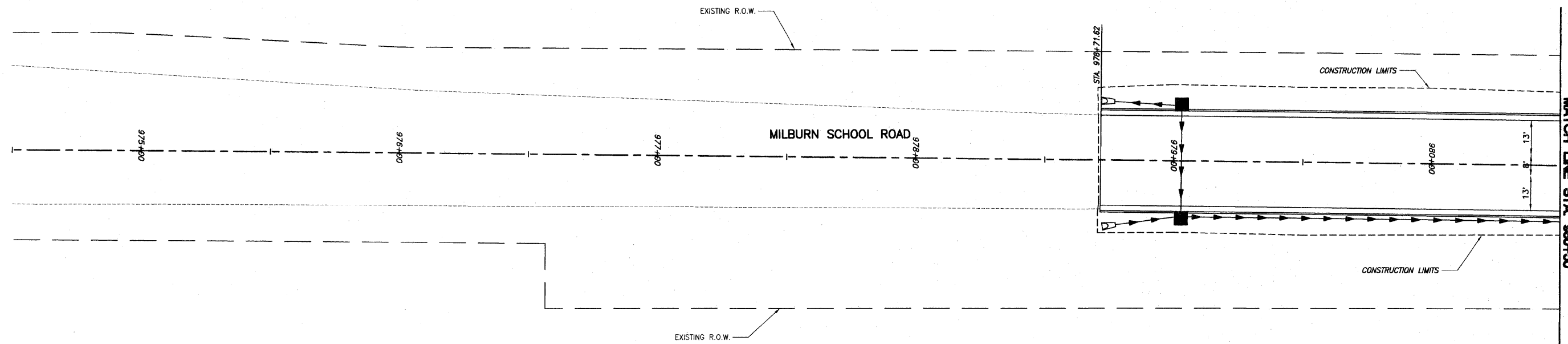
DETAIL "F"

ADVANCE SIGNING

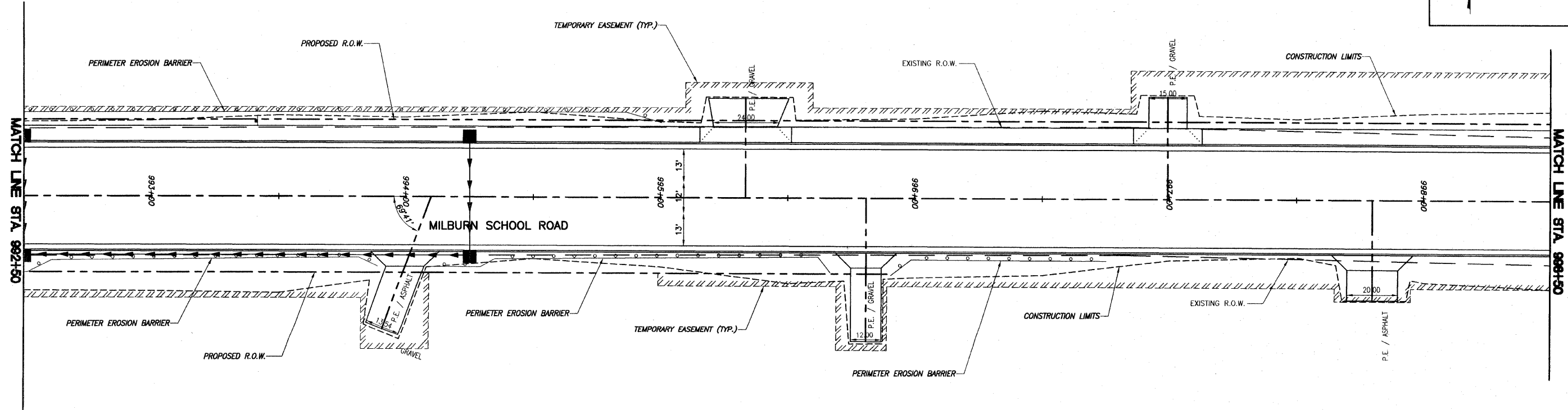
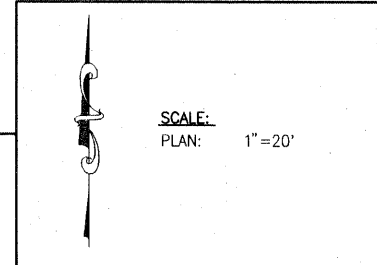
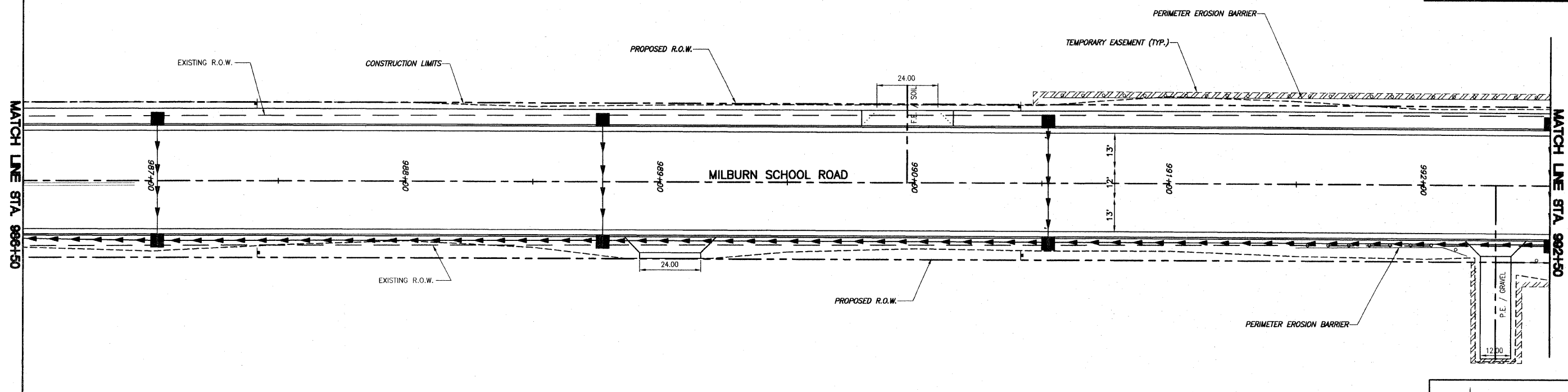
MILBURN SCHOOL ROAD (EASTBOUND)		MILBURN SCHOOL ROAD (WESTBOUND)	
TO BE PLACED 300' IN ADVANCE OF YIELD SIGN		TO BE PLACED 300' IN ADVANCE OF YIELD SIGN	
TO BE PLACED 600' IN ADVANCE OF YIELD SIGN (MILBURN SCHOOL ROAD EASTBOUND)		TO BE PLACED 100' IN ADVANCE OF YIELD SIGN	
TO BE PLACED 900' IN ADVANCE OF YIELD SIGN	 	TO BE PLACED 250' IN ADVANCE OF YIELD SIGN	 
		TO BE PLACED 600' IN ADVANCE OF YIELD SIGN (MILBURN SCHOOL ROAD WESTBOUND)	
		TO BE PLACED 150' IN ADVANCE OF YIELD SIGN	
		TO BE PLACED 900' IN ADVANCE OF YIELD SIGN	 
		TO BE PLACED 300' IN ADVANCE OF YIELD SIGN	 



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	38
STA. 978+71.62		TO	STA. 986+50.00	
FEDERAL AID PROJECT			CONTRACT 97447	

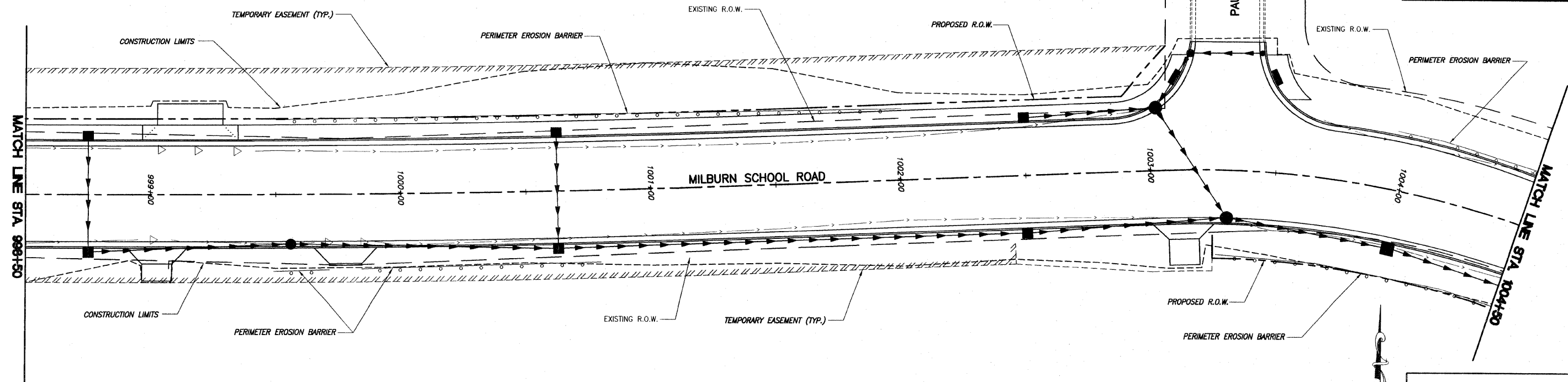


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	39
STA. 986+50.00		TO	STA. 998+50.00	
FEDERAL AID PROJECT			CONTRACT 97447	

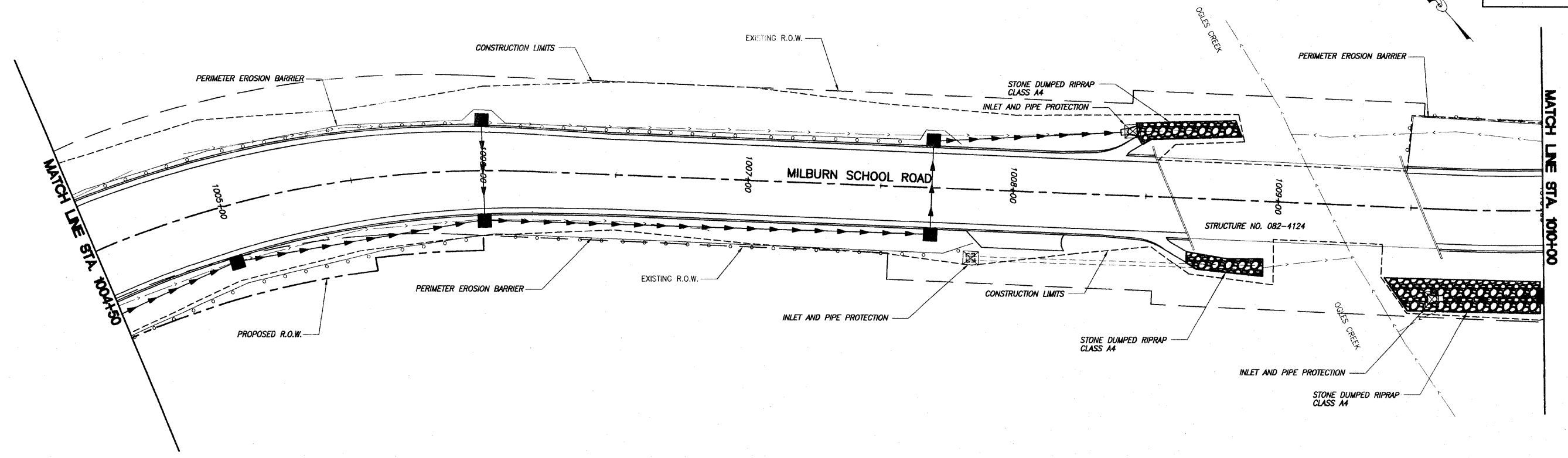


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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	40
STA. 998+50.00		TO STA. 1010+00.00		
FEDERAL AID PROJECT		CONTRACT 97447		



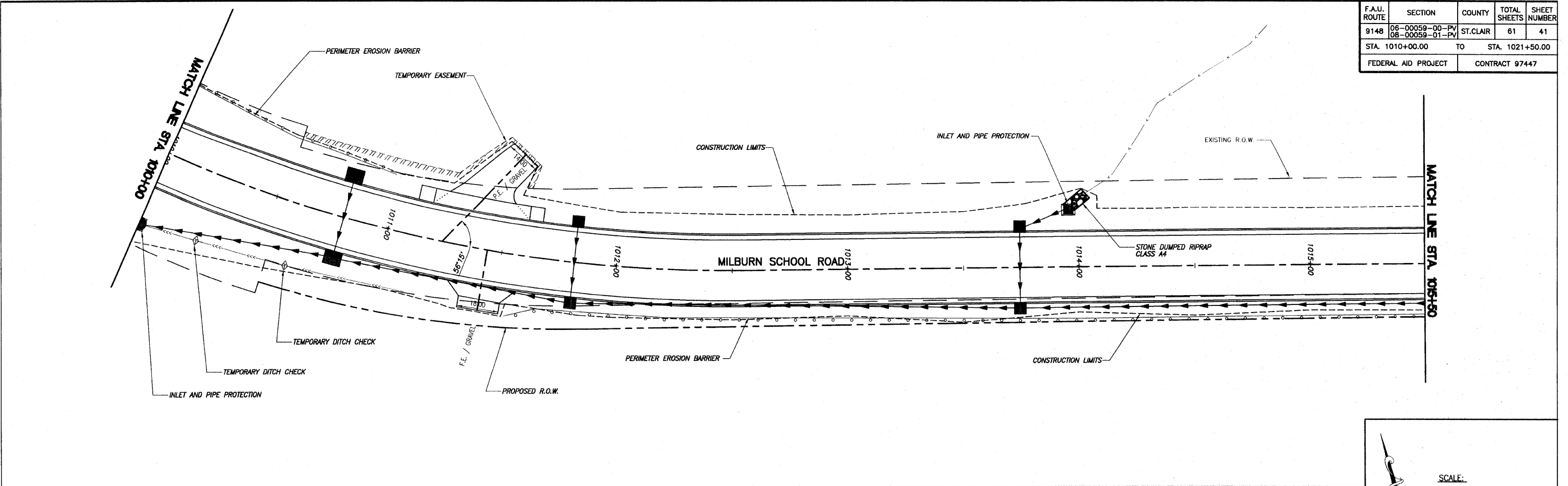
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PLAN: 1" = 20'



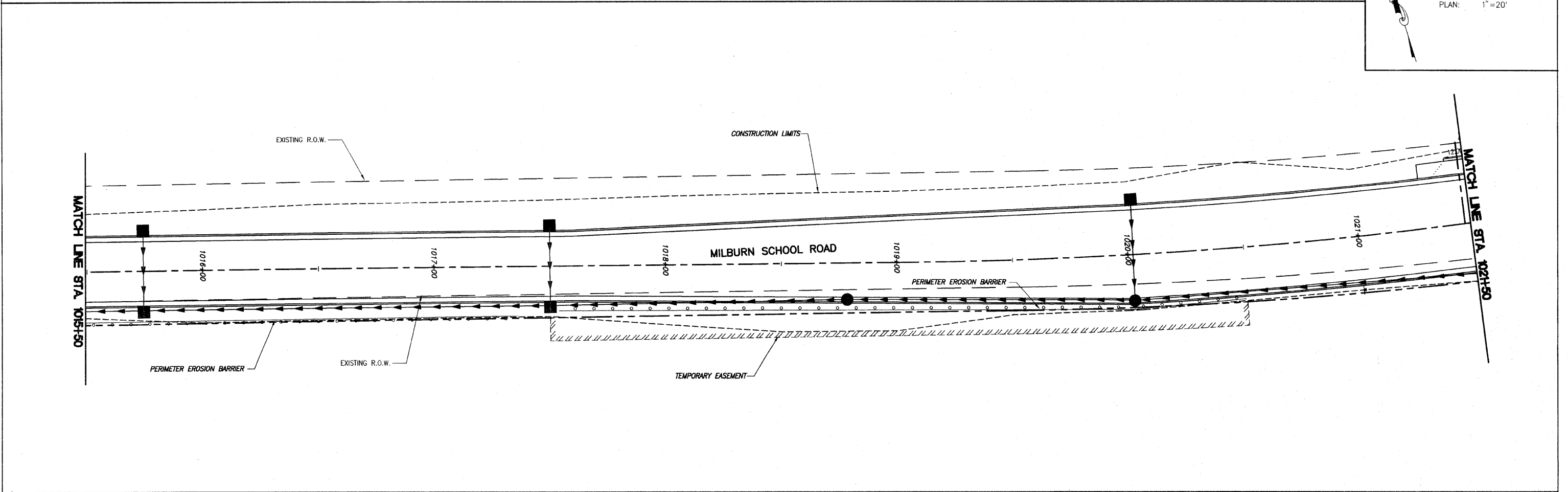
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	41
STA. 1010+00.00		TO	STA. 1021+50.00	
FEDERAL AID PROJECT			CONTRACT 97447	

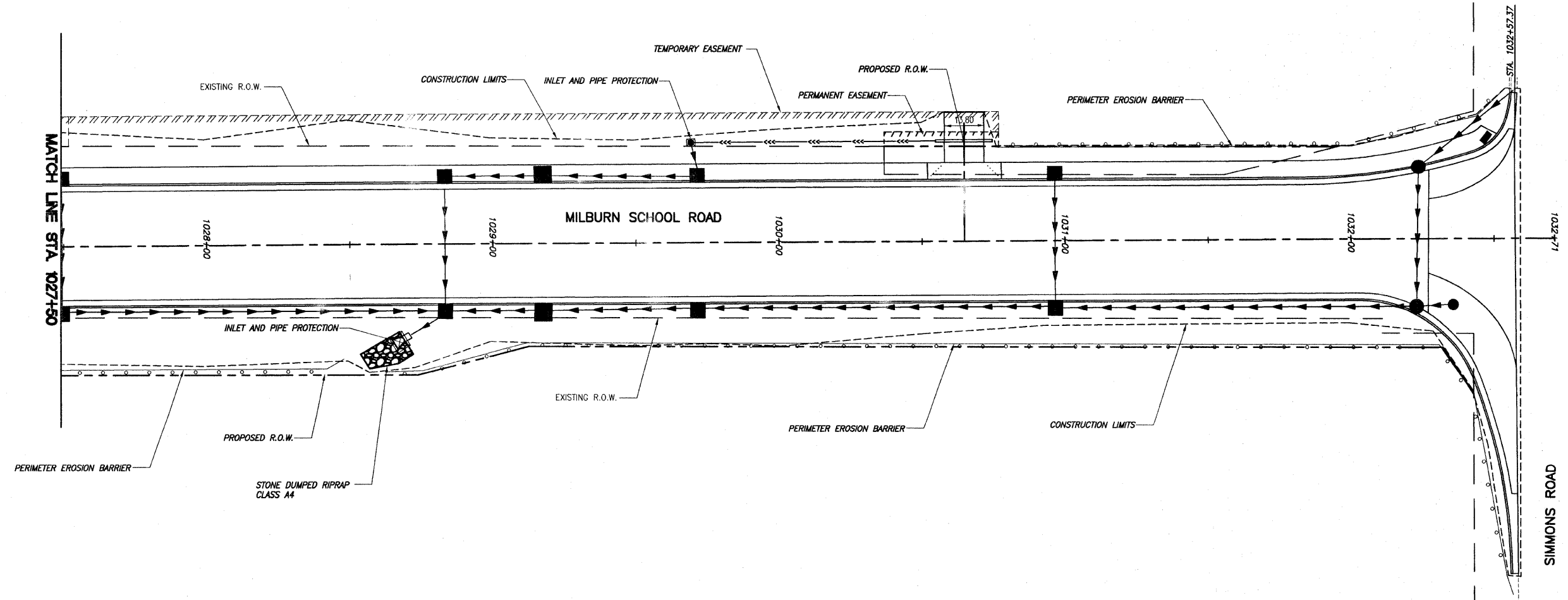
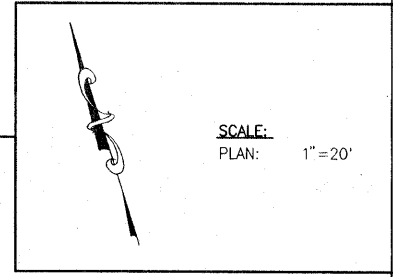
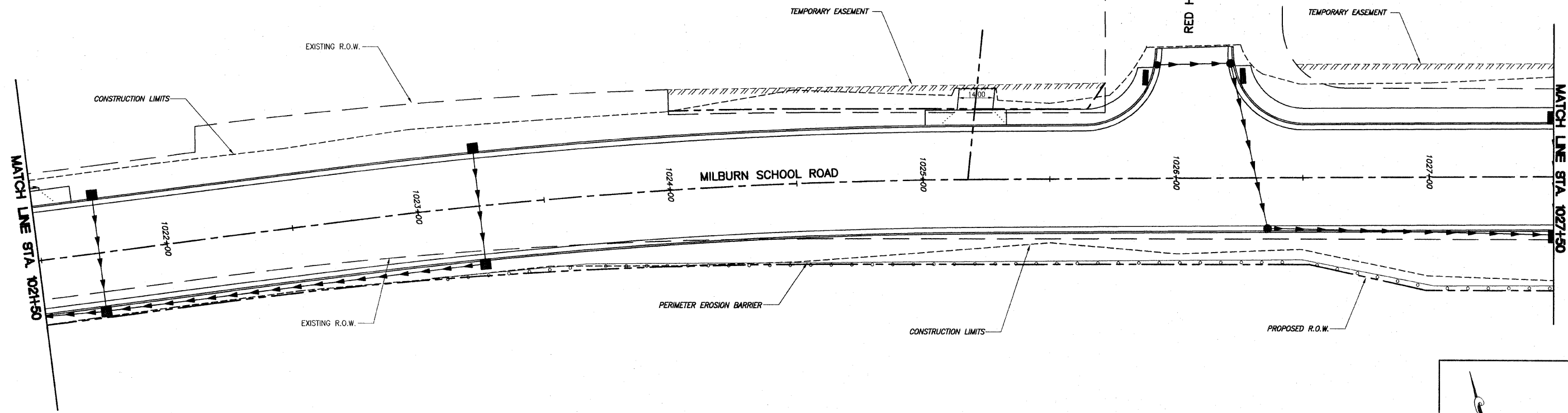


SCALE:  
PLAN: 1" = 20'



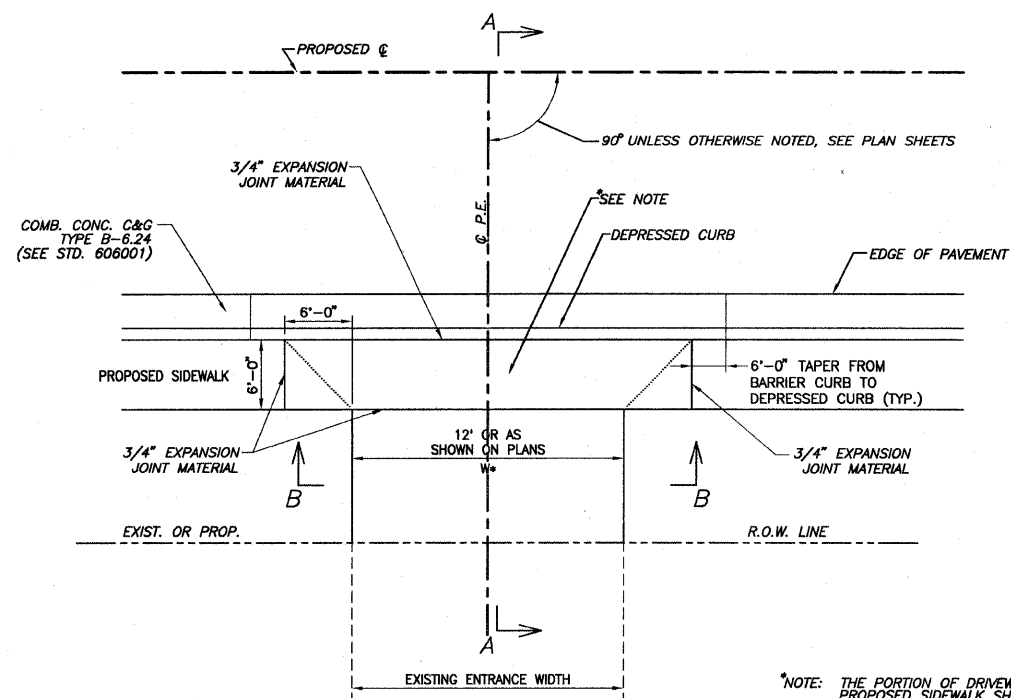
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	42
STA. 1021+50.00		TO		STA. 1032+57.37
FEDERAL AID PROJECT			CONTRACT 97447	



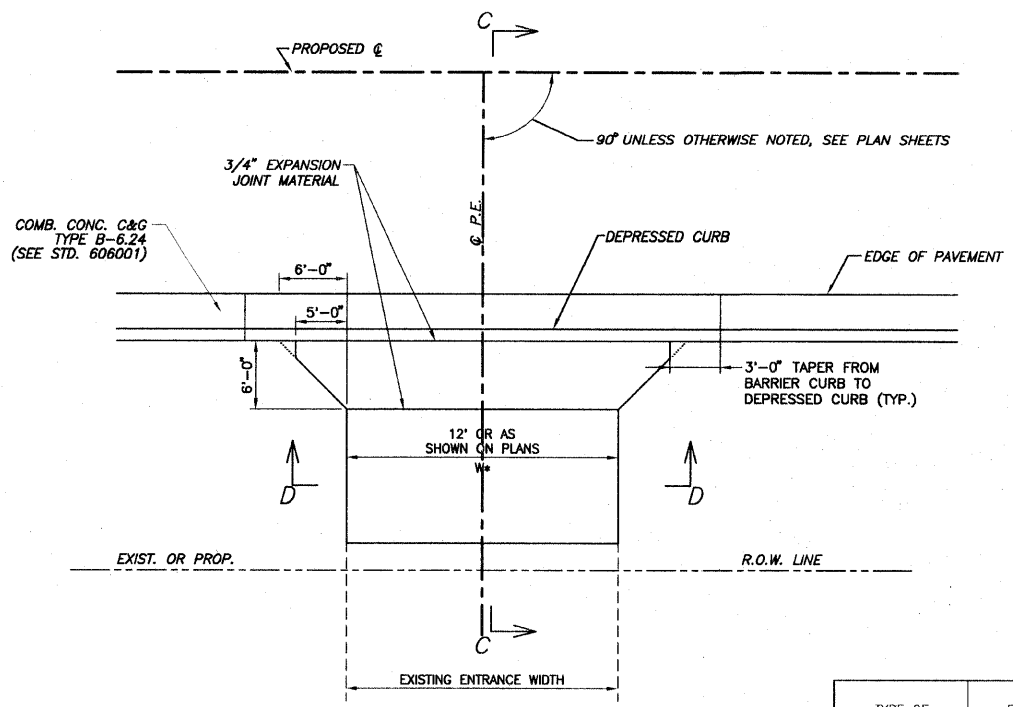
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	43
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		



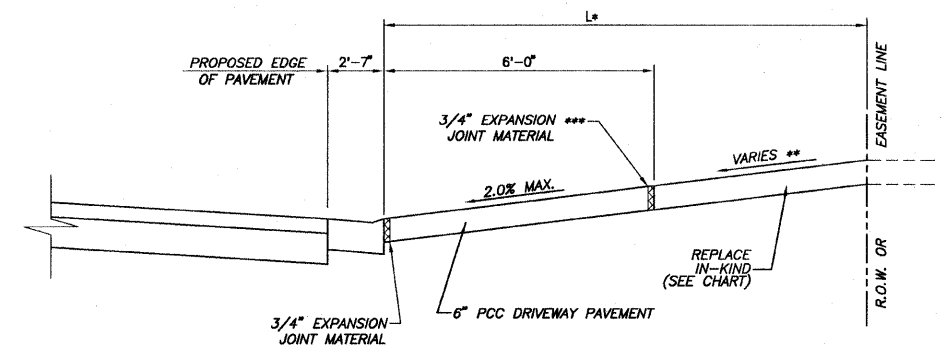
**P.E. DETAIL "A"**  
PRIVATE ENTRANCE WITH SIDEWALK ADJACENT TO ROADWAY PAVEMENT AND CONCRETE CURB & GUTTER TYPE B-6.24  
N.T.S.

\*NOTE: THE PORTION OF DRIVEWAY PAVEMENT ALONG ALIGNMENT OF THE PROPOSED SIDEWALK SHALL BE POURED SEPERATELY 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".  
THIS DETAIL SHALL ALSO APPLY TO FUTURE SIDEWALK LOCATIONS. SEE TYPICAL SECTIONS AND PLANS FOR LOCATIONS.



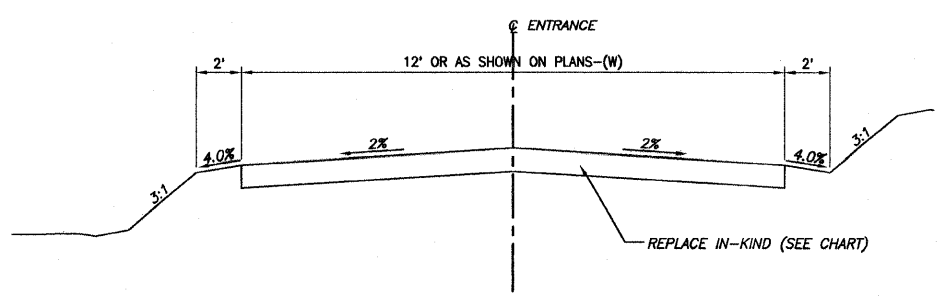
**P.E. DETAIL "B"**  
PRIVATE ENTRANCE WITHOUT SIDEWALK  
N.T.S.

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

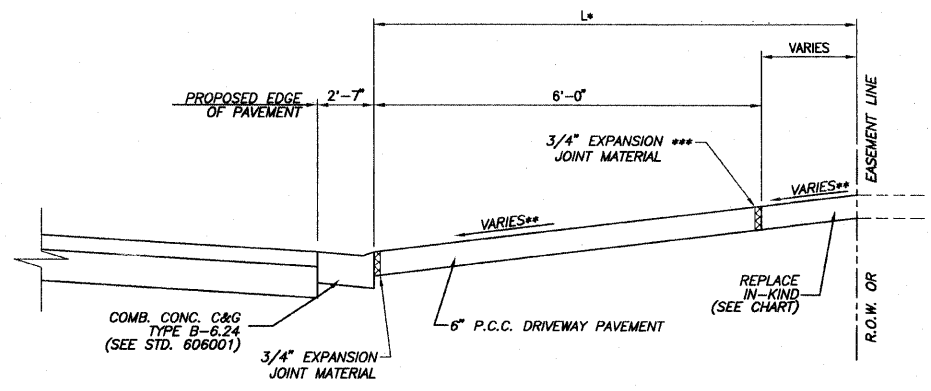


**SECTION "A-A"**

\* SEE ENTRANCE SCHEDULE FOR DISTANCES  
\*\* SEE CROSS SECTIONS FOR SLOPES  
\*\*\* EXPANSION REQUIRED ADJACENT TO CONCRETE PAVEMENT

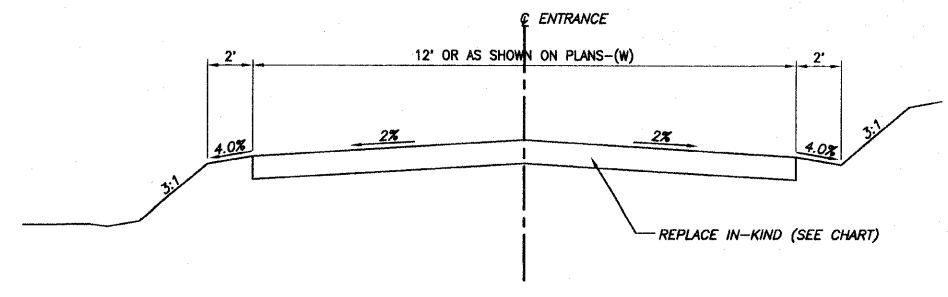


**SECTION "B-B"**

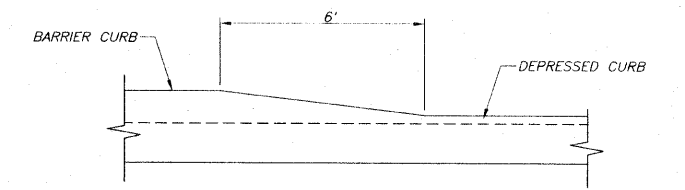


**SECTION "C-C"**

\* SEE ENTRANCE SCHEDULE FOR DISTANCES  
\*\* SEE CROSS SECTIONS FOR SLOPES  
\*\*\* EXPANSION REQUIRED ADJACENT TO CONCRETE PAVEMENT

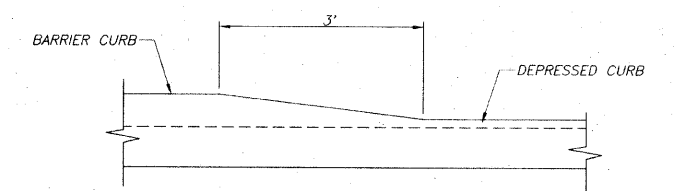


**SECTION "D-D"**



**DETAIL OF CURB HEIGHT TRANSITION (DETAIL "A")**

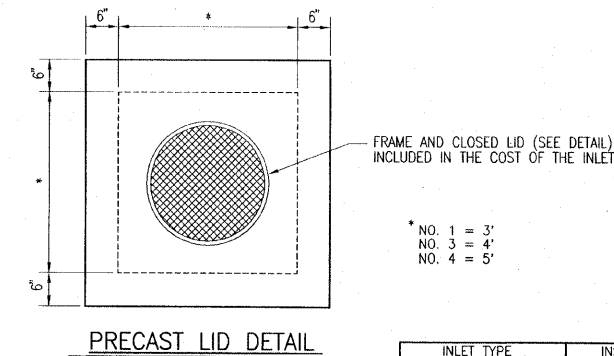
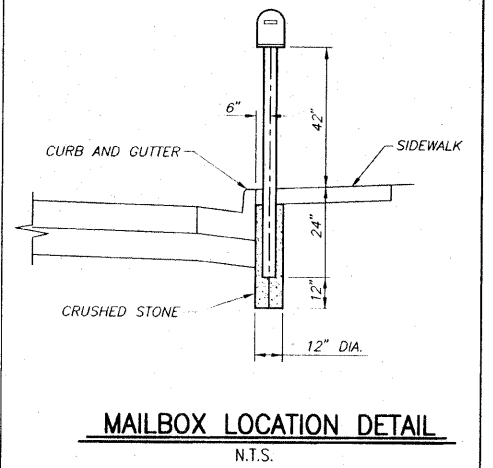
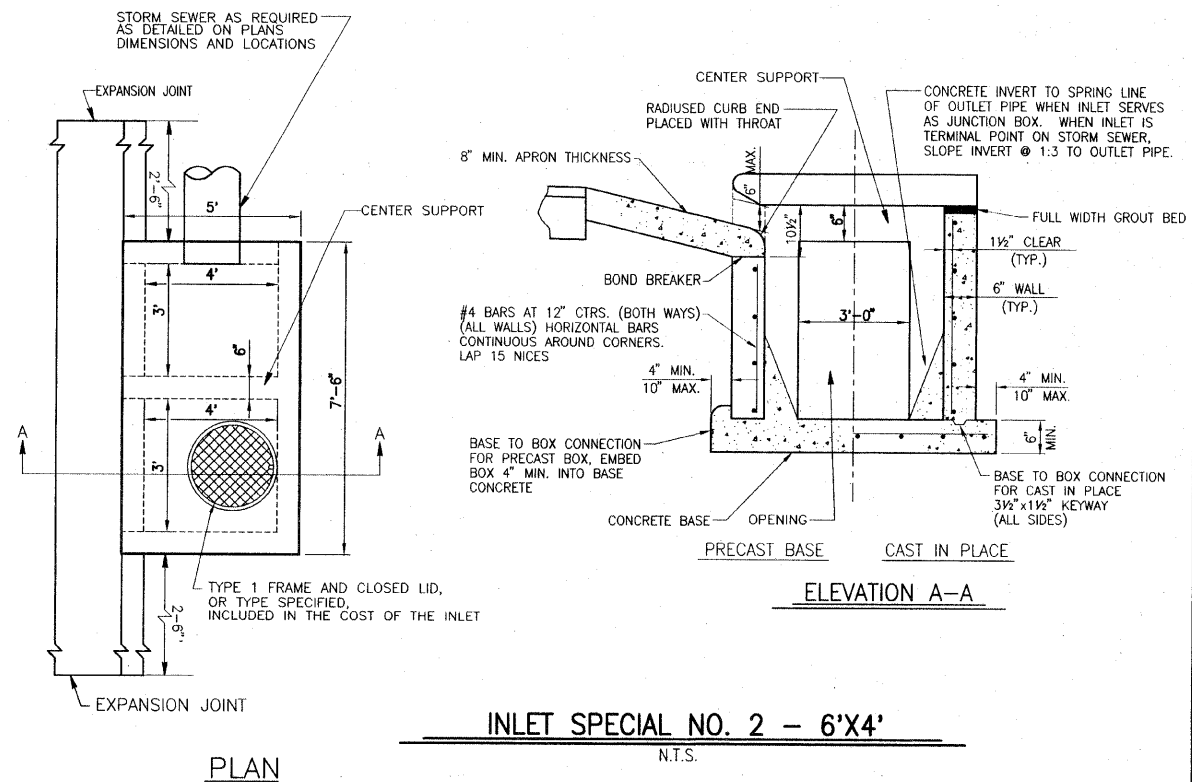
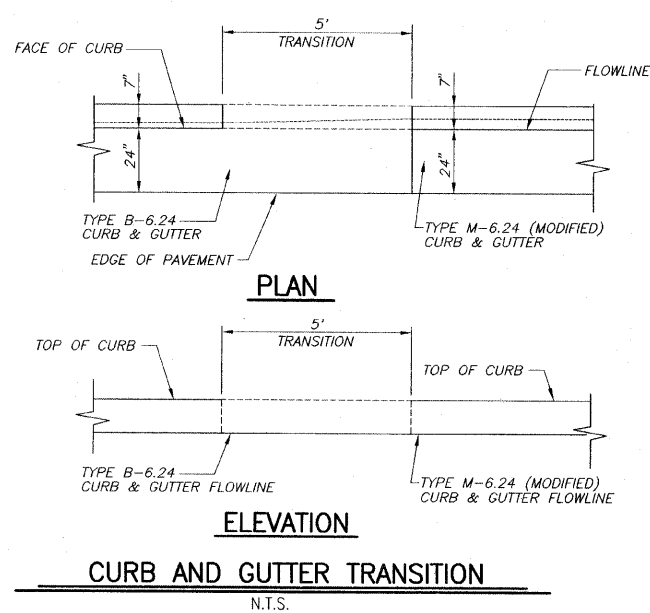
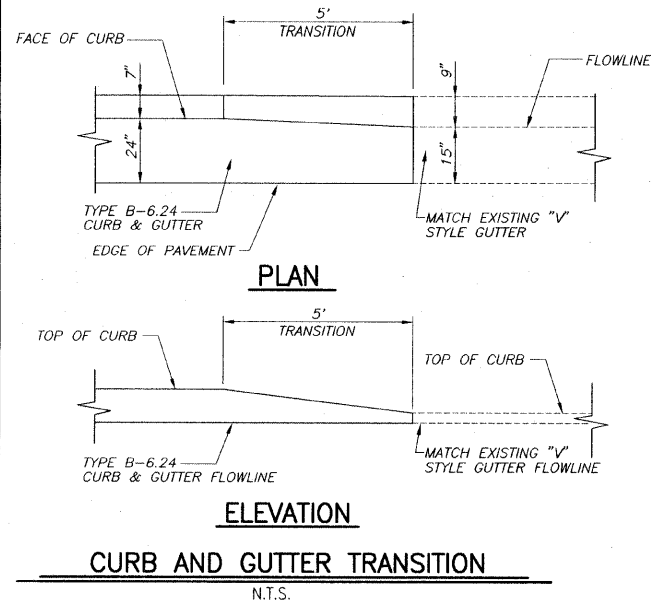
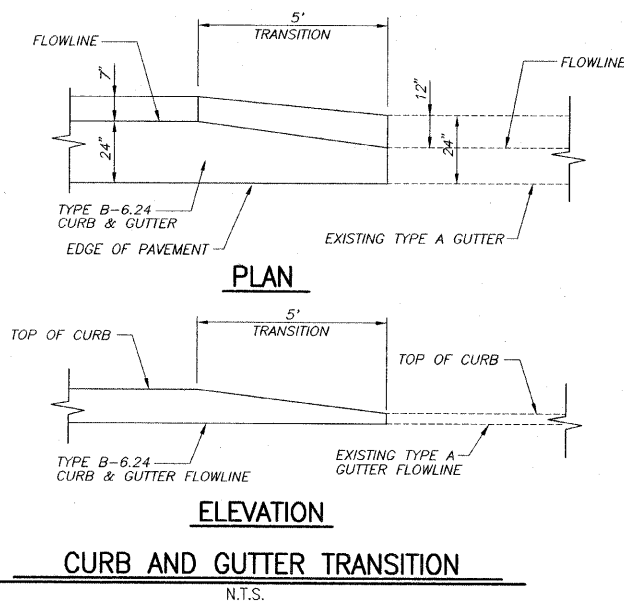
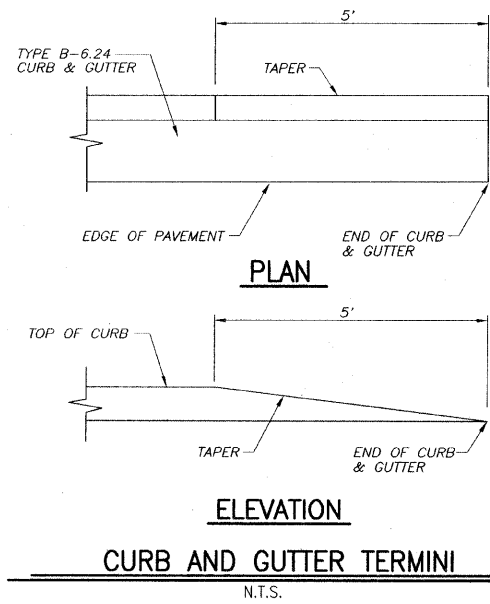
N.T.S.



**DETAIL OF CURB HEIGHT TRANSITION (DETAIL "B")**

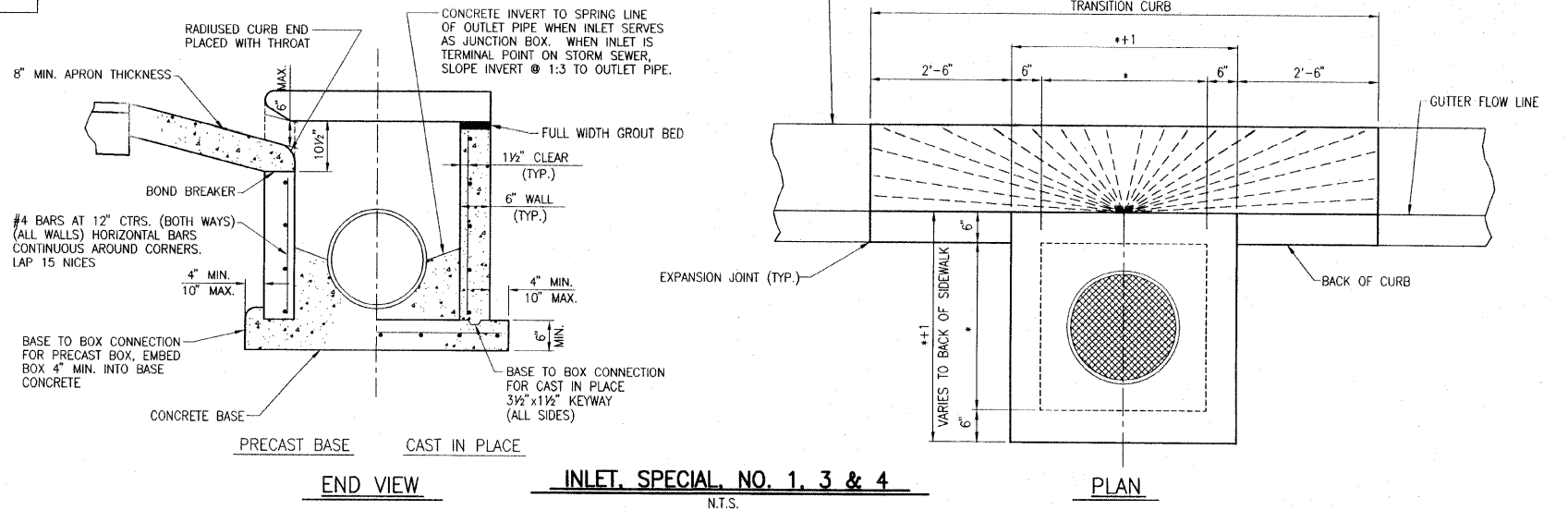
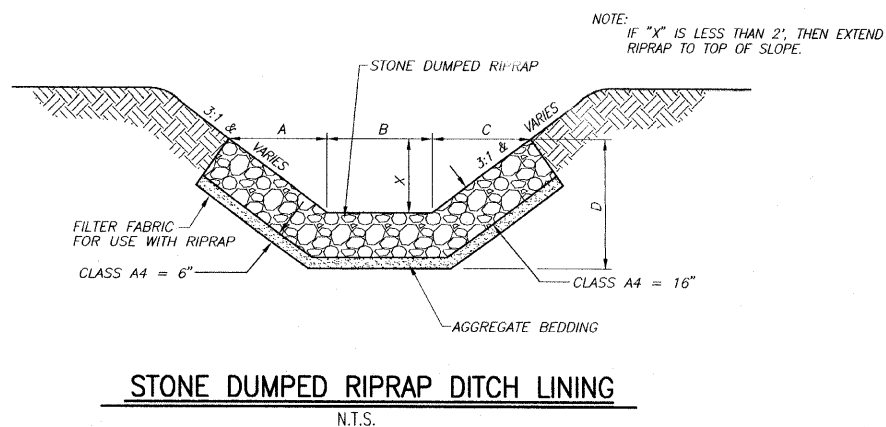
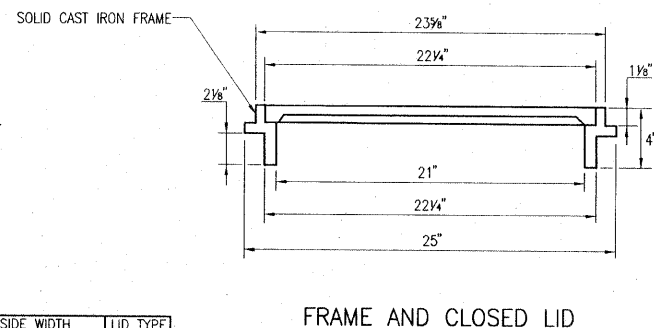
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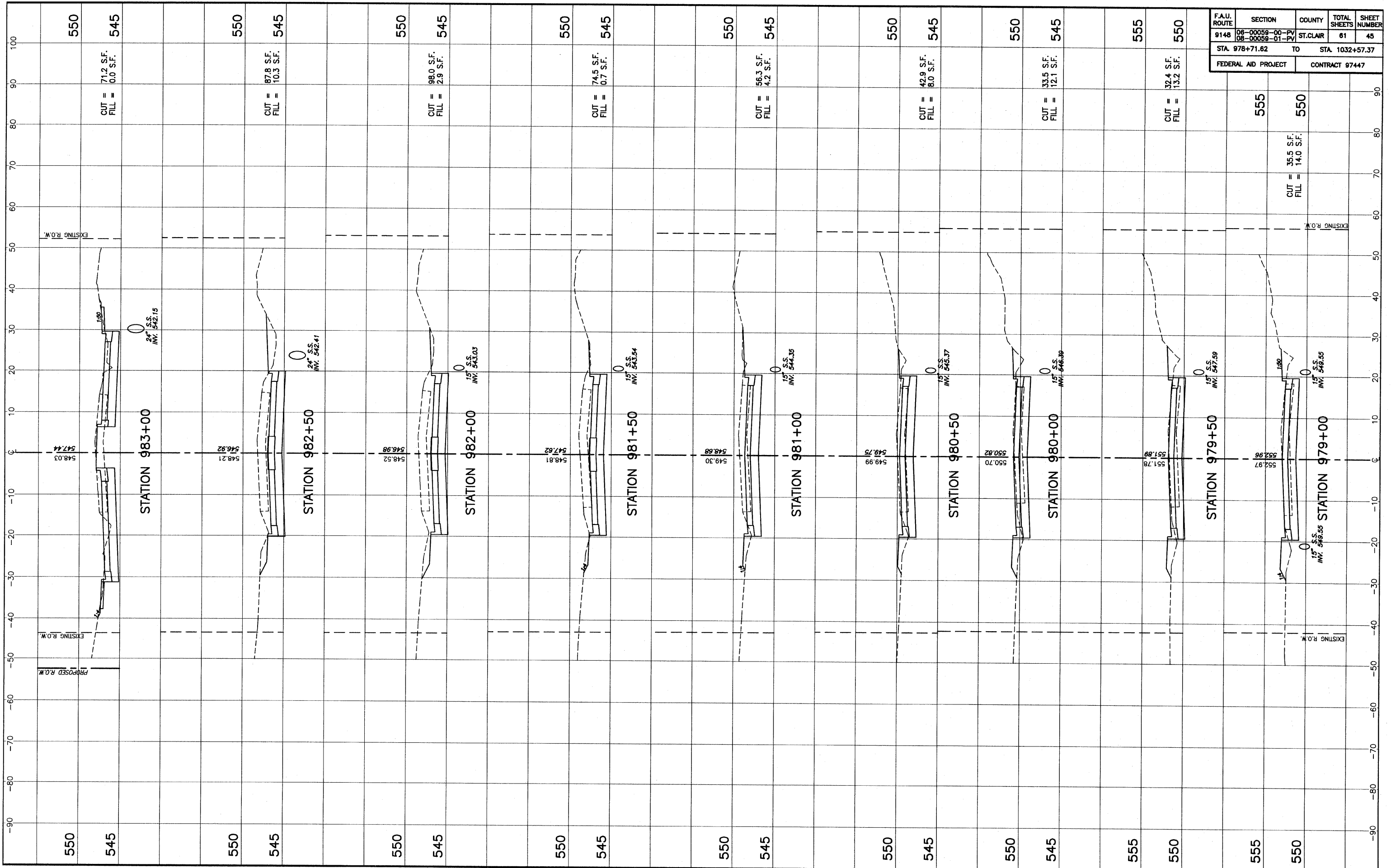
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9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	44
STA 978+71.62 TO		STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		



- \* NO. 1 = 3'
- \* NO. 3 = 4'
- \* NO. 4 = 5'

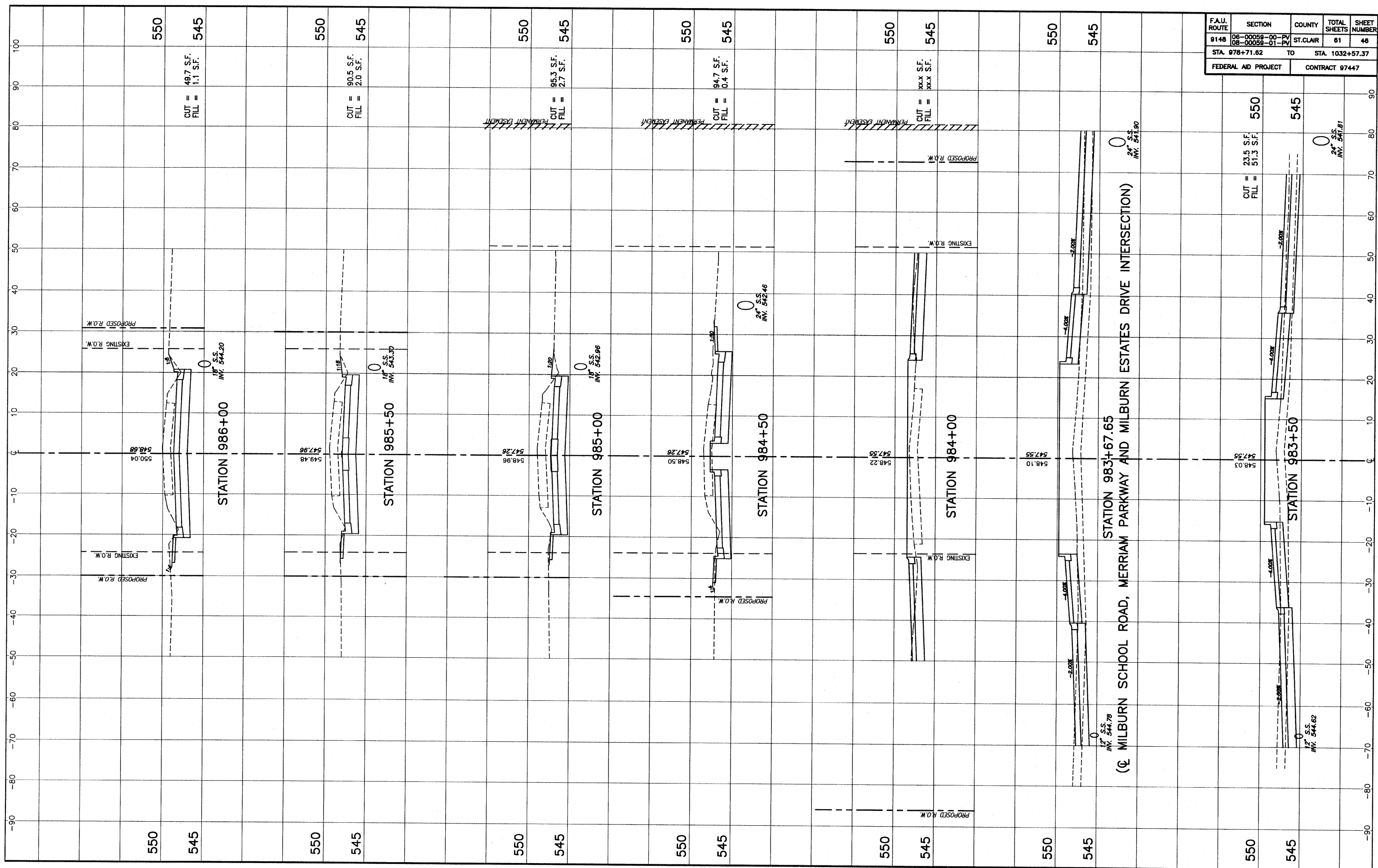
INLET TYPE	INSIDE WIDTH	LID TYPE
INLETS, SPECIAL, NO. 1	3' X 3'	NORMAL
INLETS, SPECIAL, NO. 3	4' X 4'	NORMAL
INLETS, SPECIAL, NO. 4	5' X 5'	NORMAL





STA. 980+00 - STA. 983+00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00058-00-PV 08-00058-01-PV	ST. CLAIR	61	48
STA. 978+71.62		TO STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		



550  
545  
CUT = 49.7 S.F.  
FILL = 1.1 S.F.

550  
545  
CUT = 90.5 S.F.  
FILL = 2.0 S.F.

550  
545  
CUT = 95.3 S.F.  
FILL = 2.7 S.F.

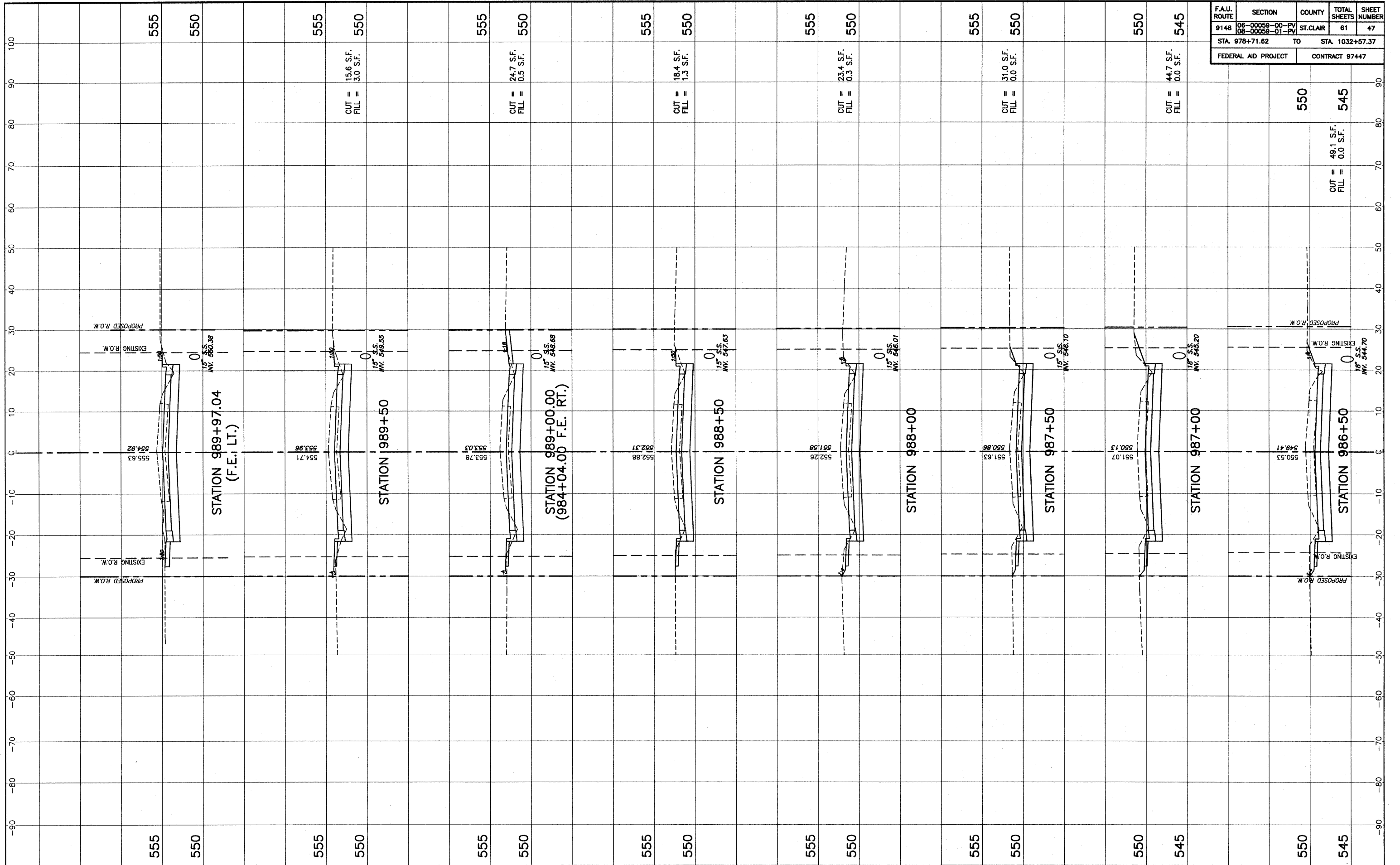
550  
545  
CUT = 94.7 S.F.  
FILL = 0.4 S.F.

550  
545  
CUT = xxx S.F.  
FILL = xxx S.F.

550  
545  
CUT = 23.5 S.F.  
FILL = 51.3 S.F.

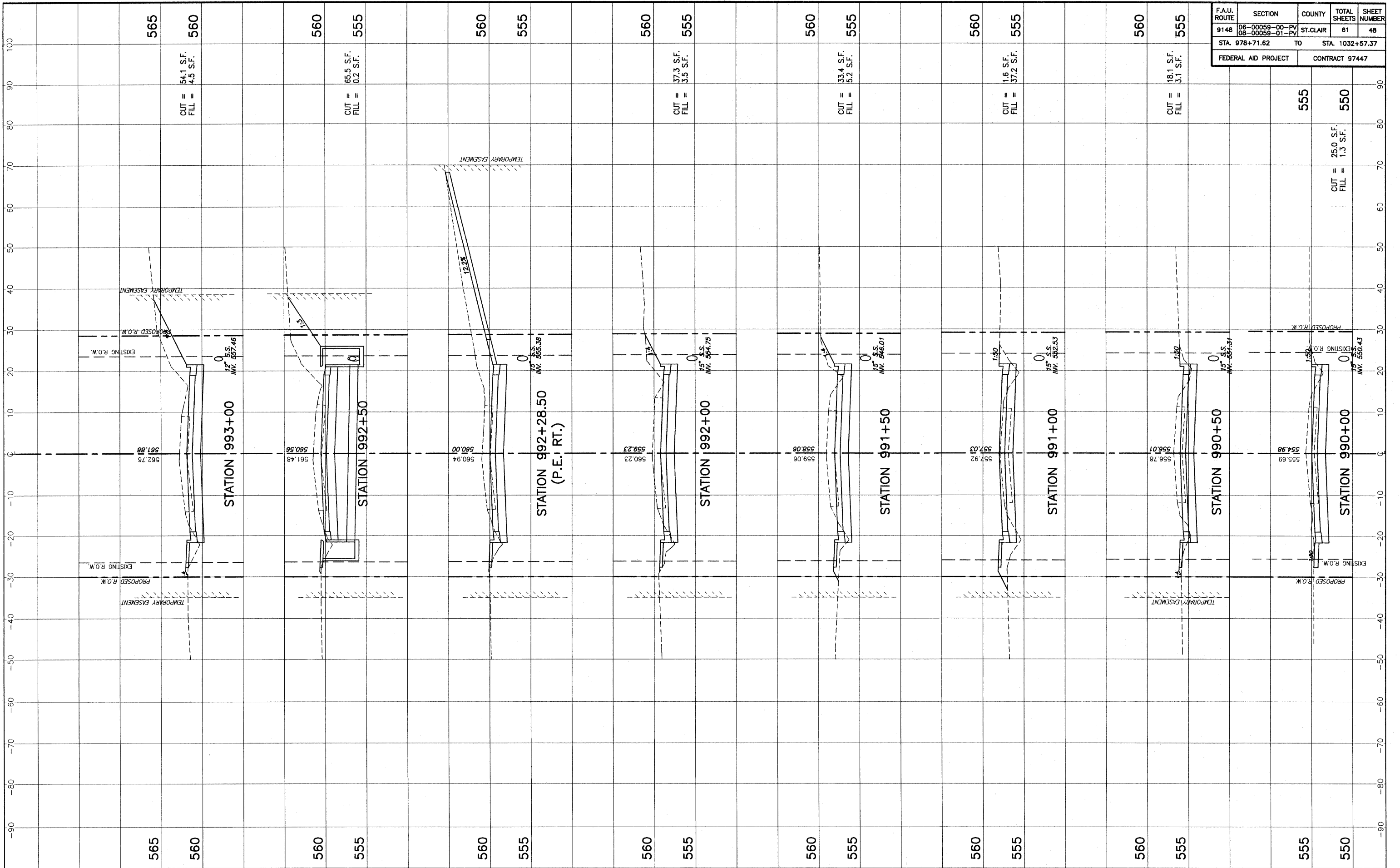
550  
545  
CUT = 24' S.S.  
FILL = 24' S.S.

STA. 983+50 - STA. 986+00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00058-00-PV 08-00058-01-PV	ST. CLAIR	61	47
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

STA. 986+50 - STA. 989+97.10 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

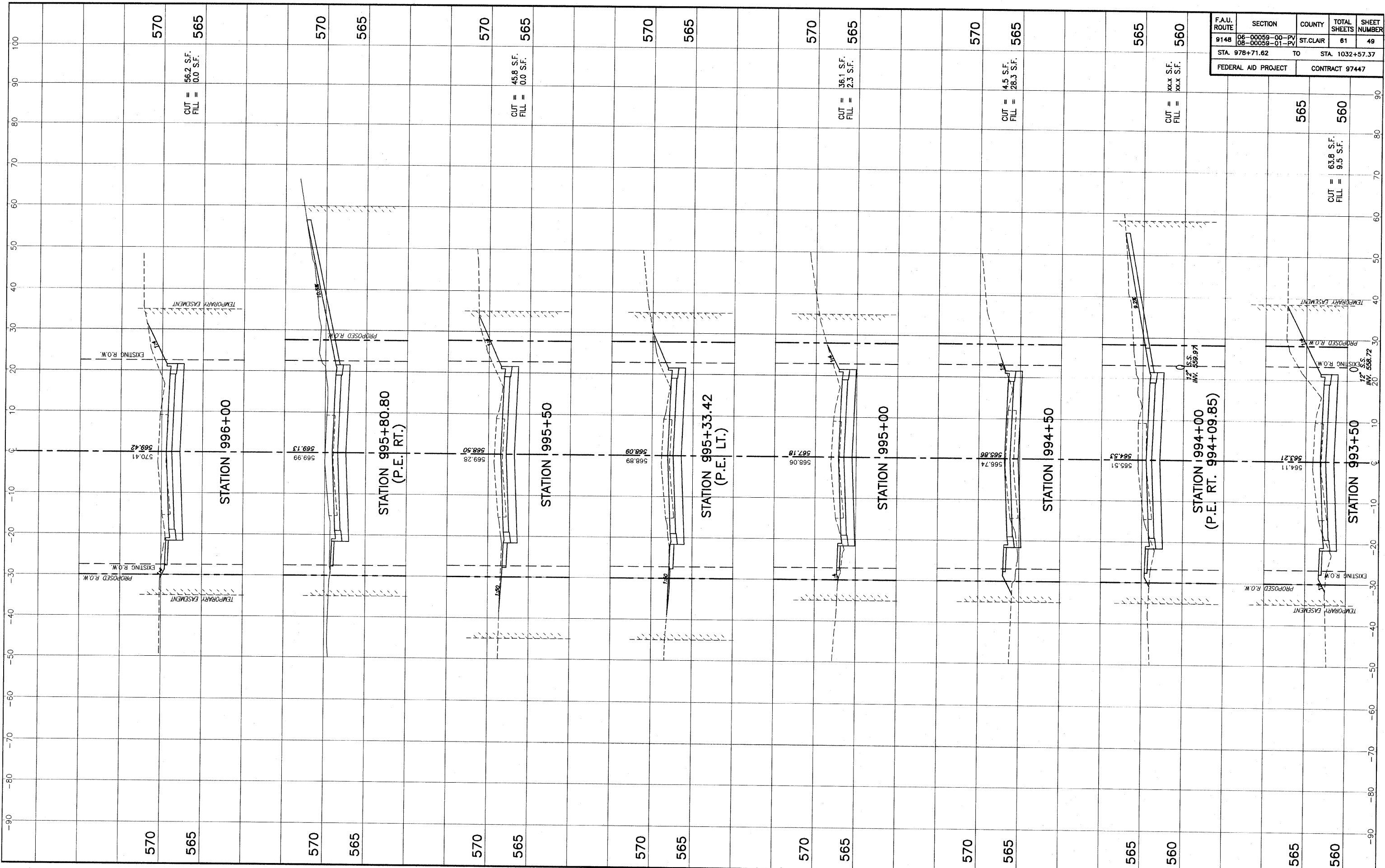


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 06-00059-01-PV	ST. CLAIR	61	48
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

STA. 990+00 - STA. 993+00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

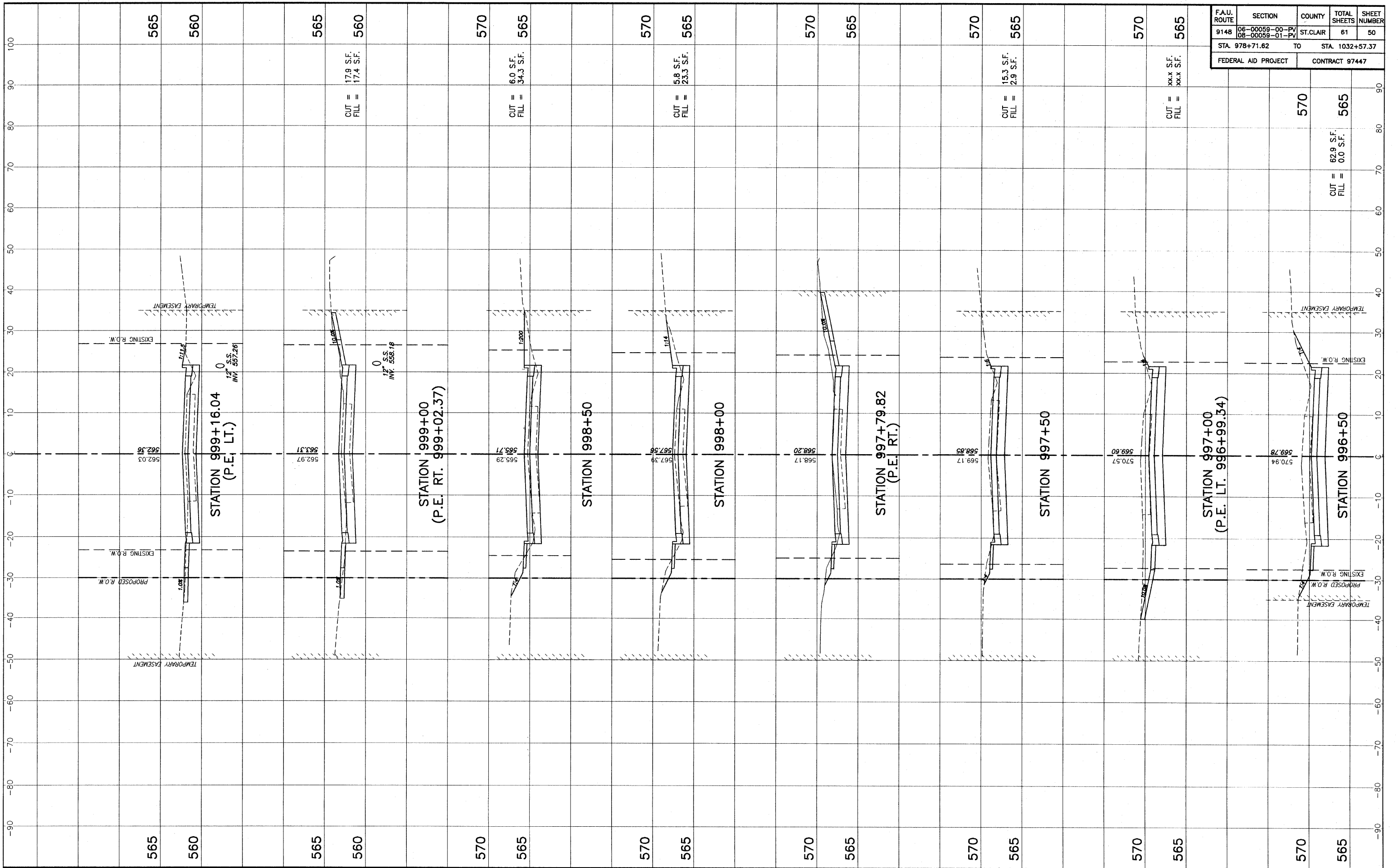
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	81	49
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

STA. 993+50 - STA. 996+00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

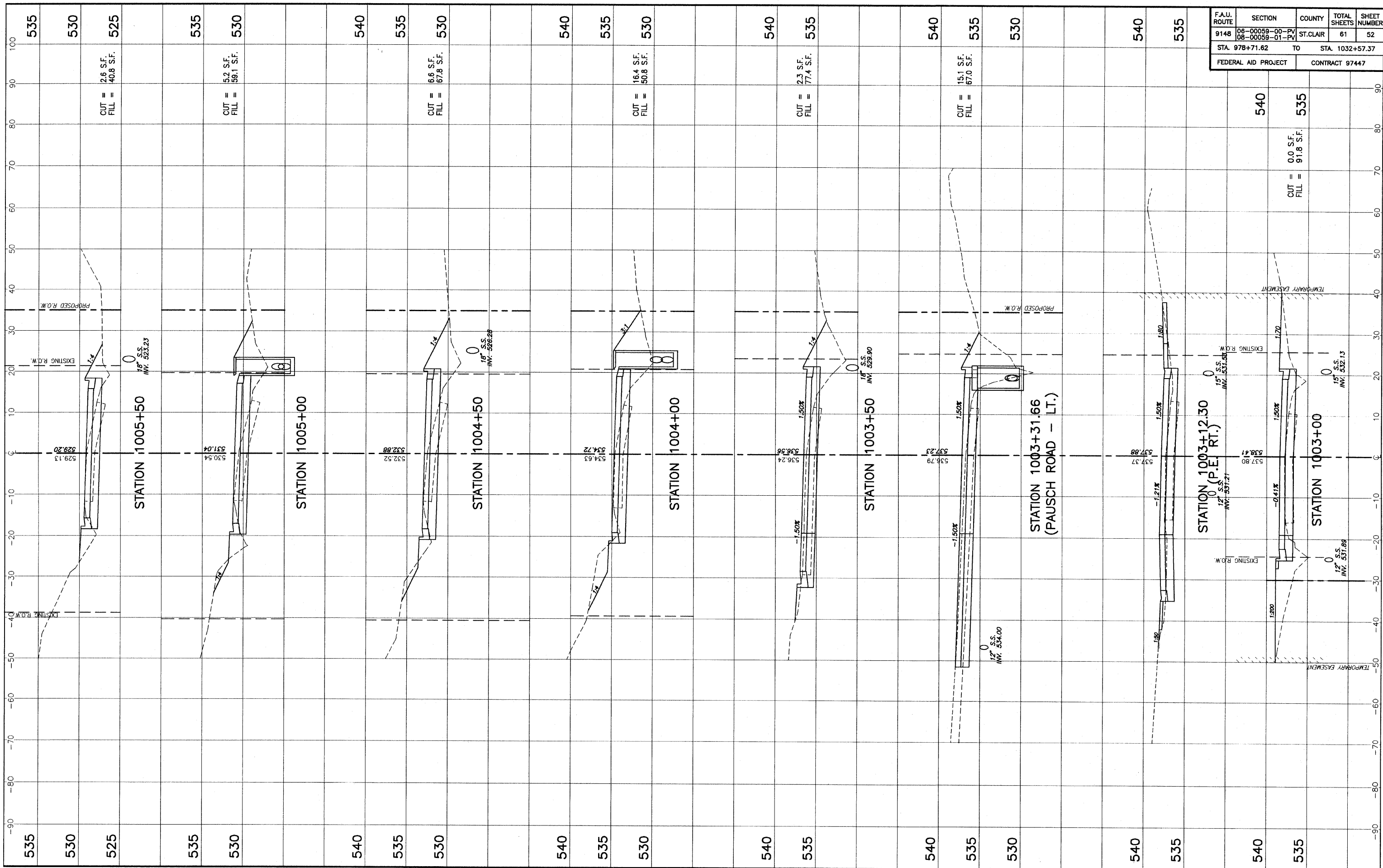


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	50
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

STA. 996+50 - STA. 999+16.04 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

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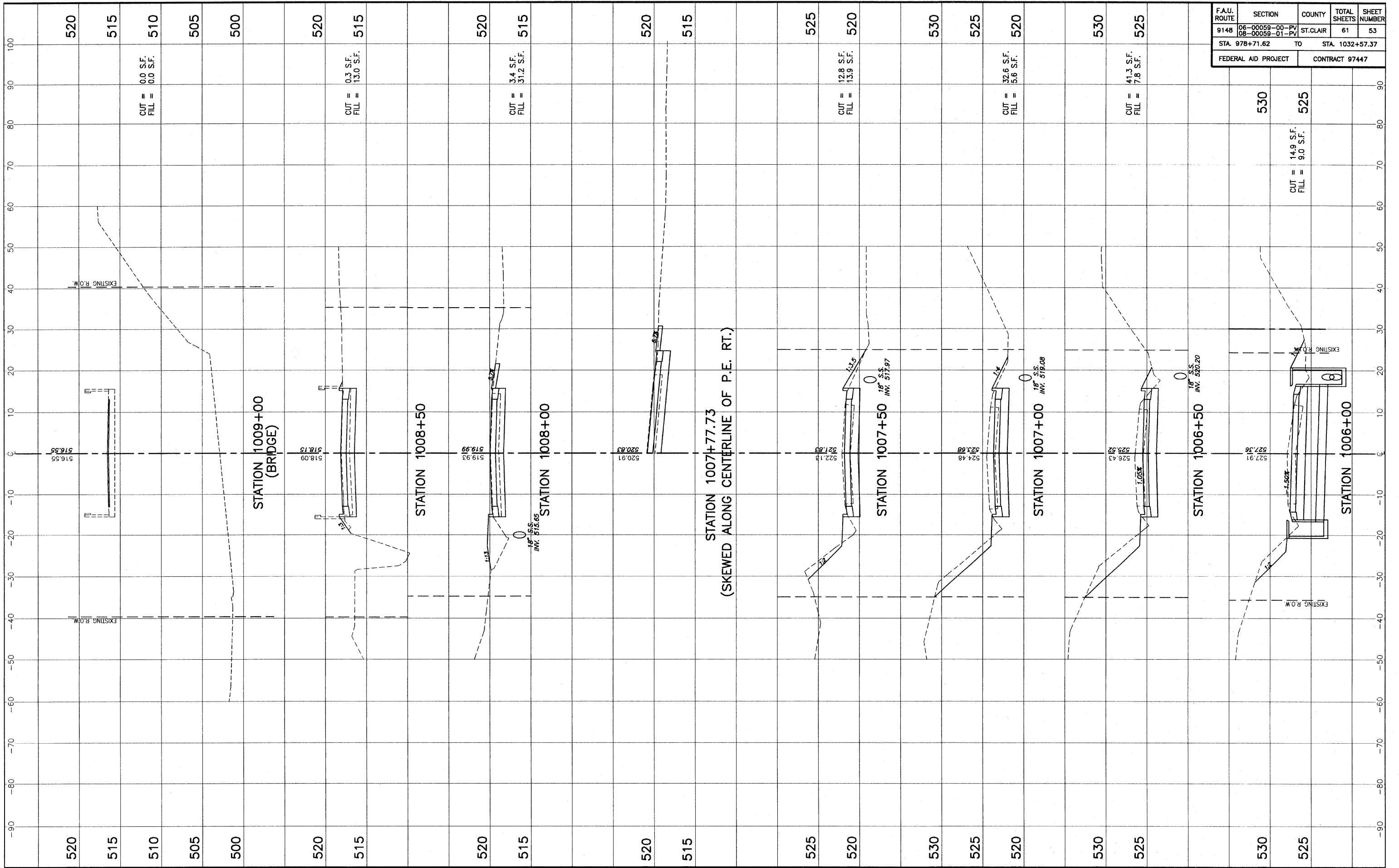




F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	52
STA. 978+71.62		TO STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

STA. 1003+00 - STA. 1005+50 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

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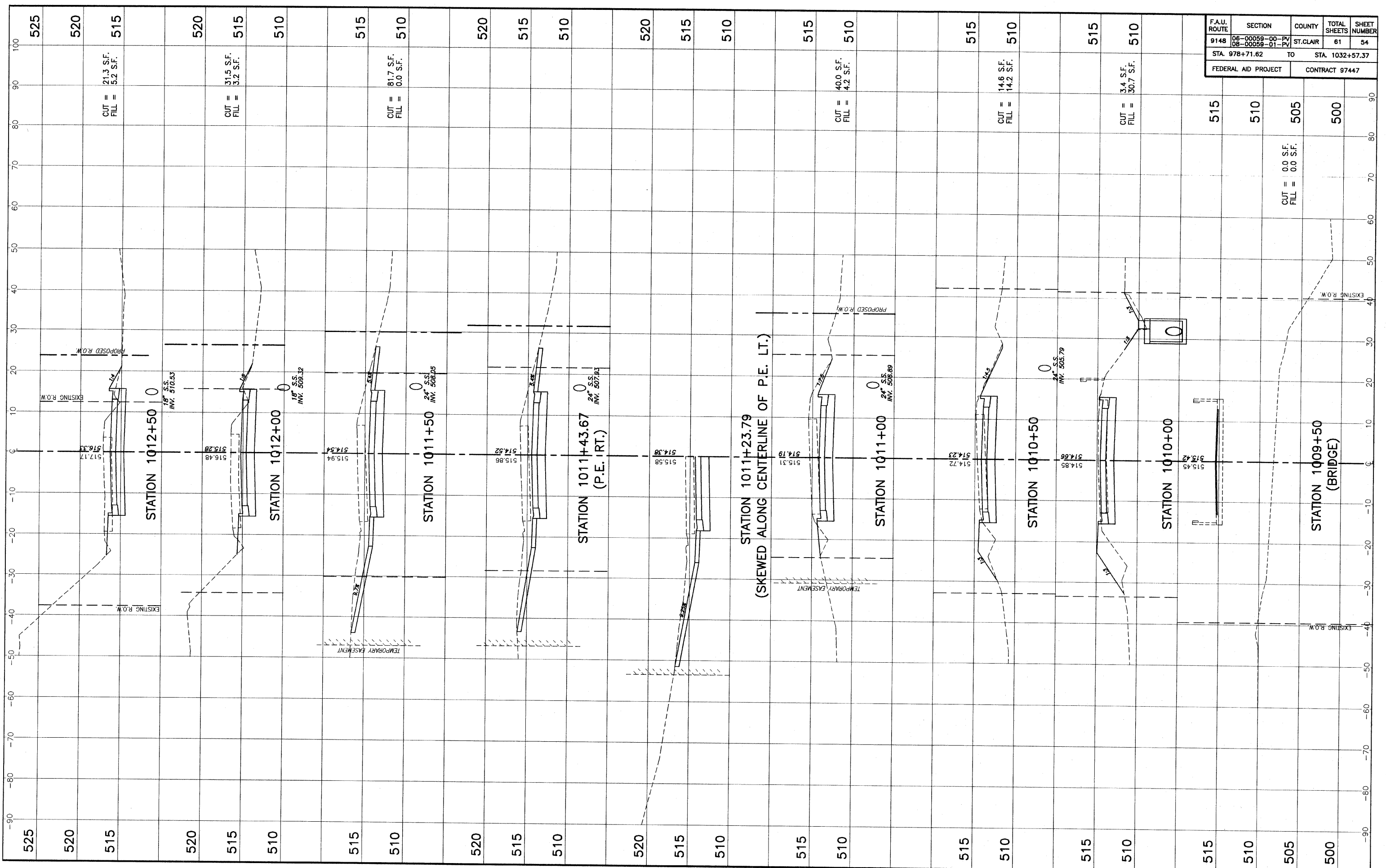


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	53
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

STA. 1006+00 - STA. 1009+00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

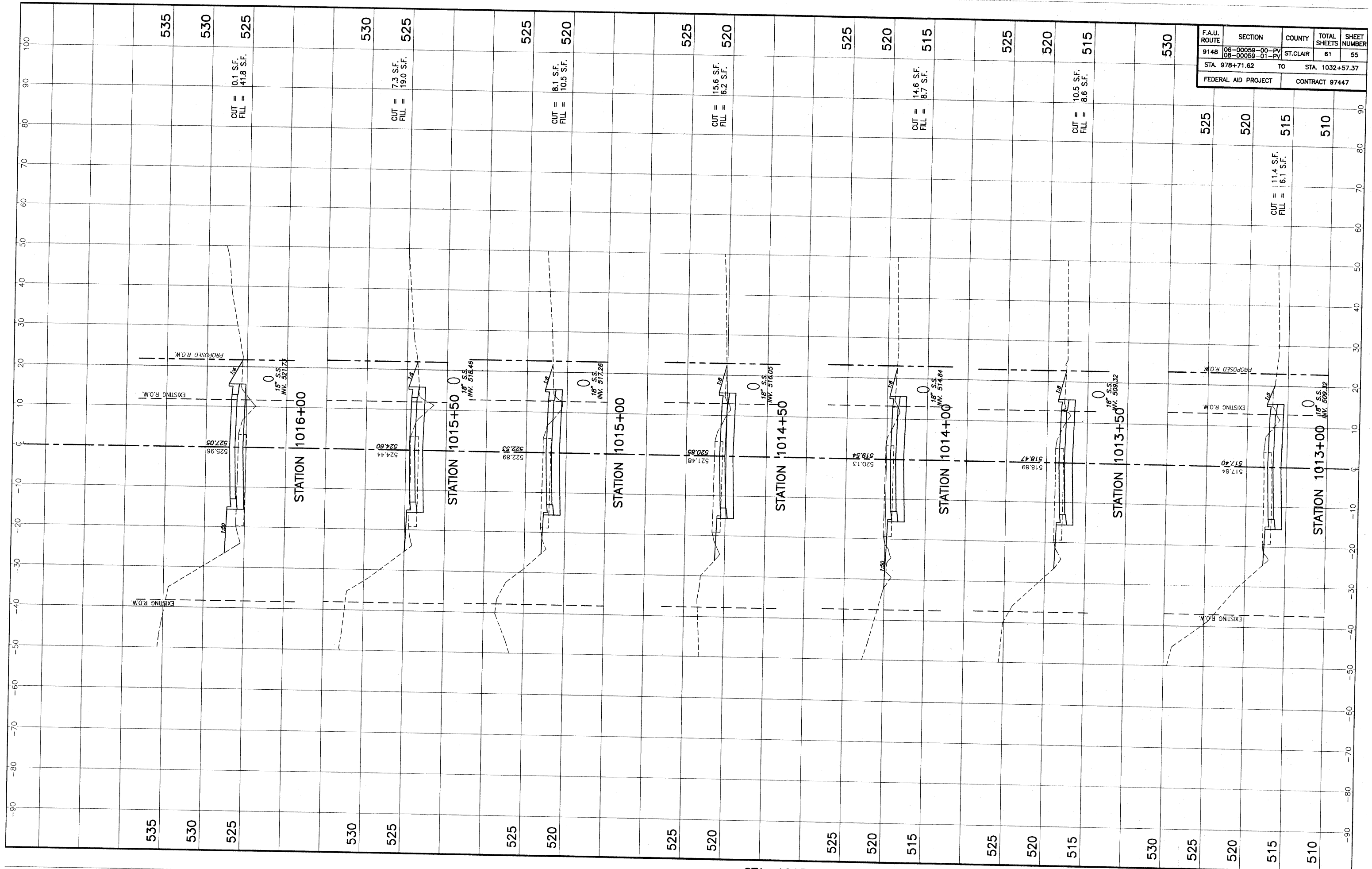
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00058-00-PV 08-00058-01-PV	ST. CLAIR	61	54
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	



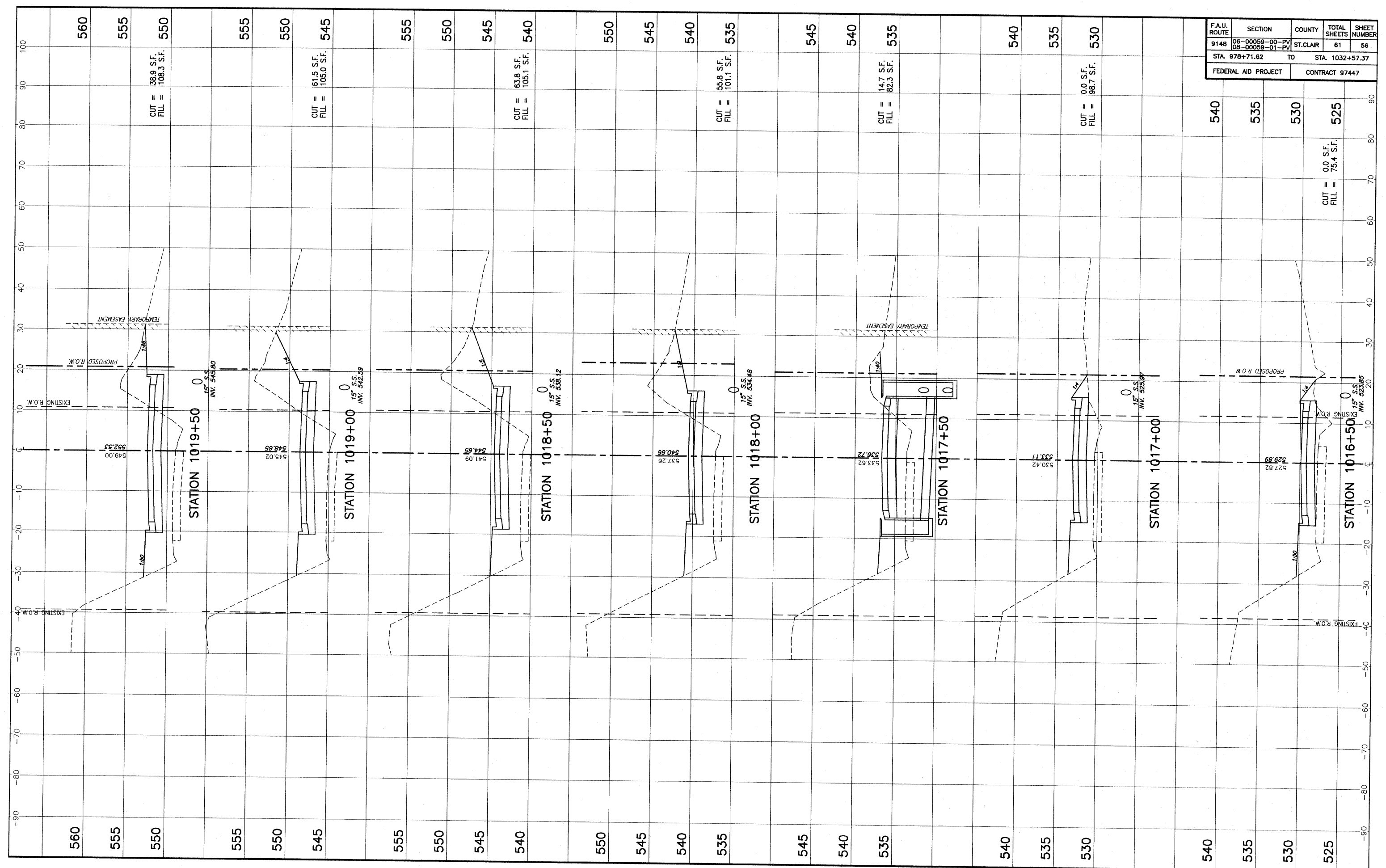
STA. 1009+50 - STA. 1012+50 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	55
STA. 978+71.62		TO STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		



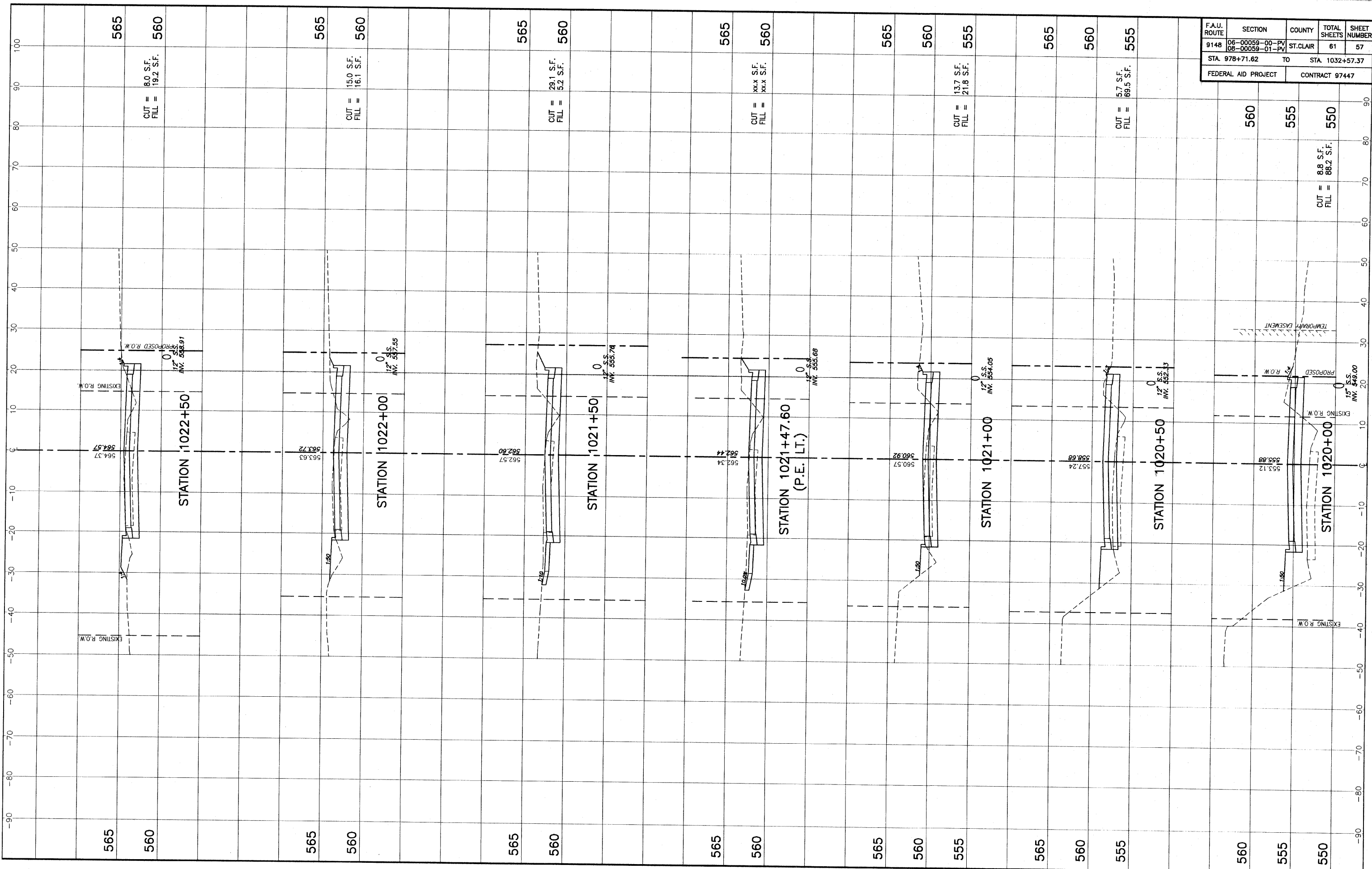
STA. 1013+00 - STA. 1016+00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	56
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	



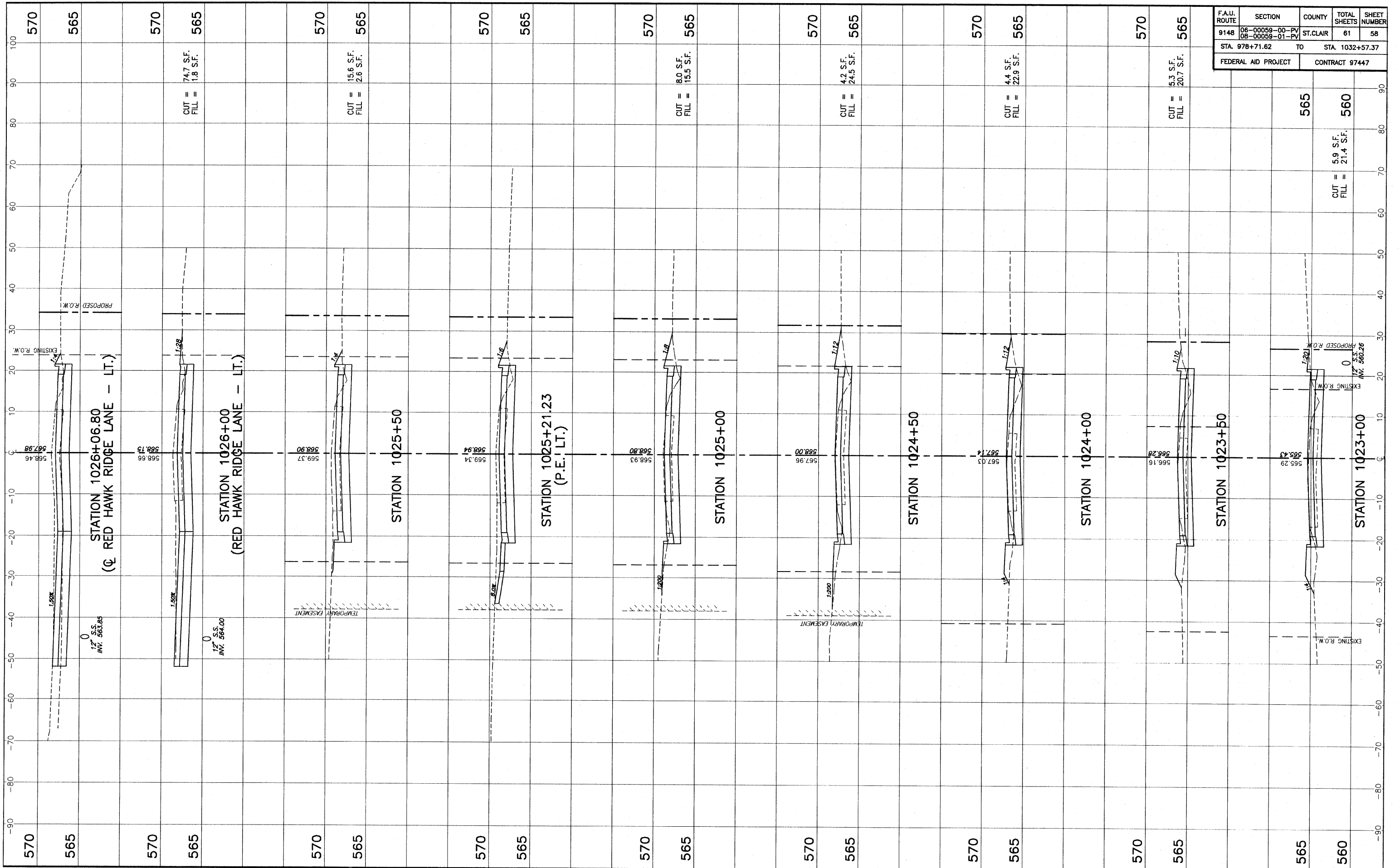
STA. 1016+50 - STA. 1019+50 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS





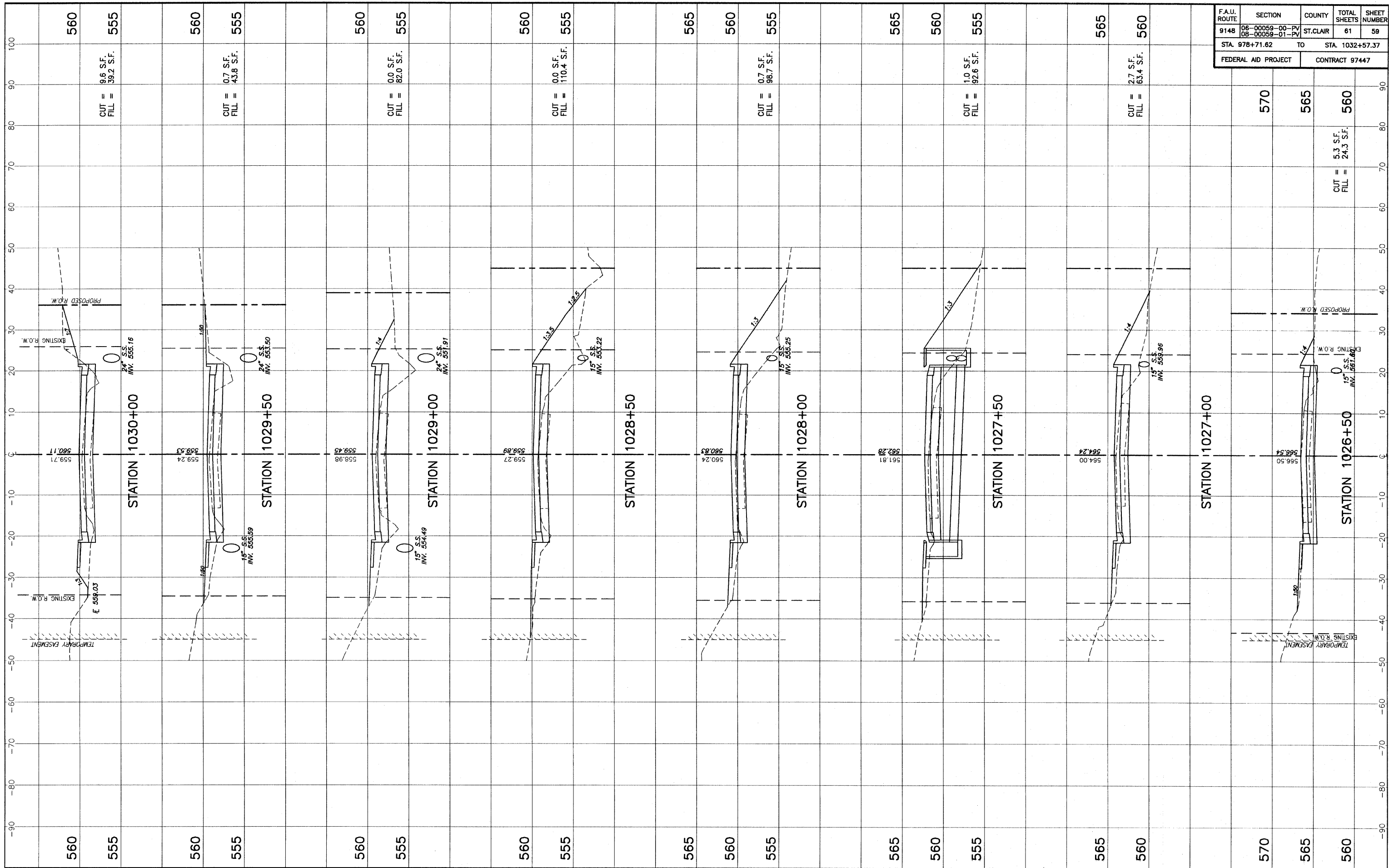
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	57
STA. 978+71.62		TO STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		

STA. 1020+00 - STA. 1022+50 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	58
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

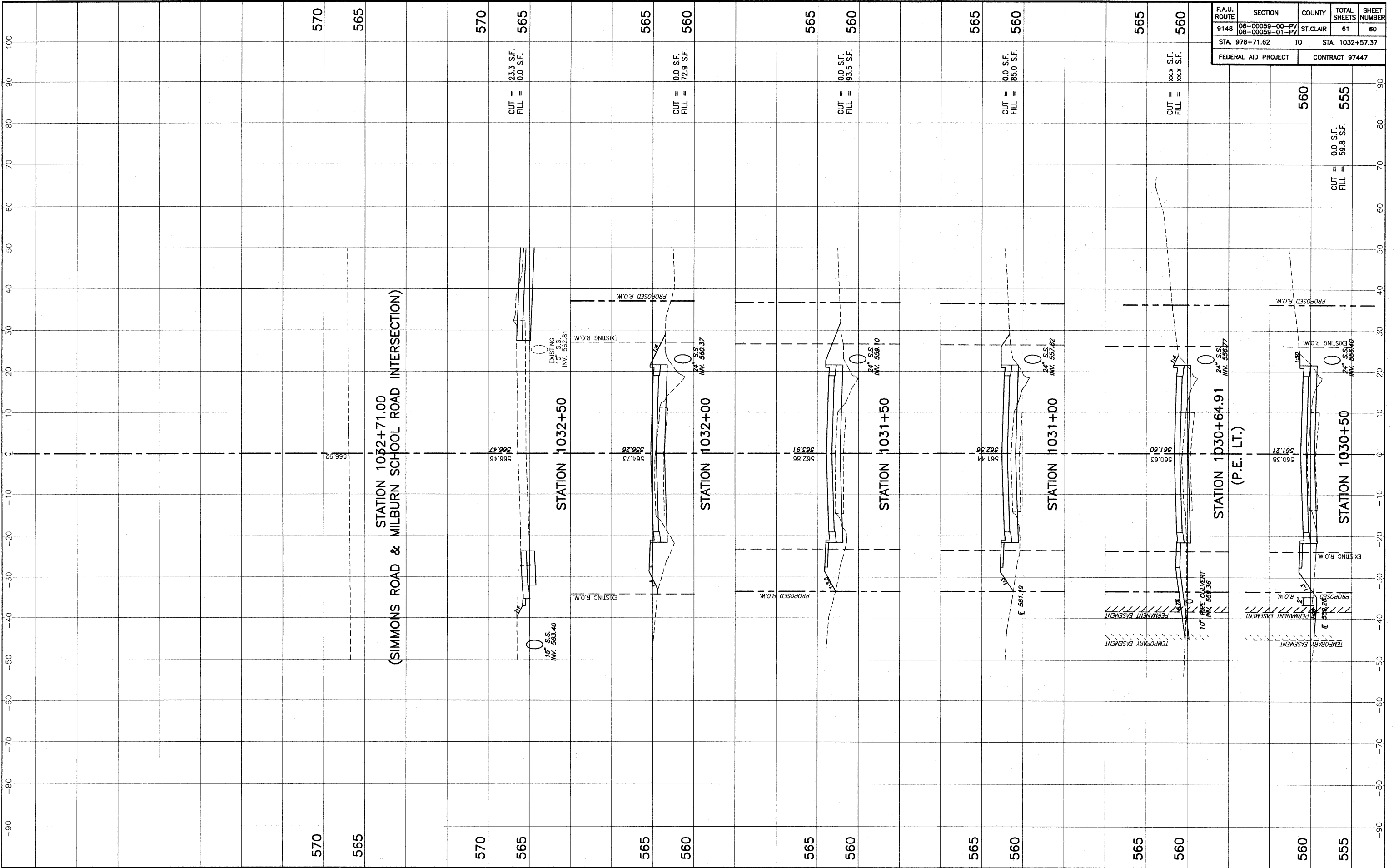
STA. 1023+00 - STA. 1026+06.80 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	59
STA. 978+71.62		TO		STA. 1032+57.37
FEDERAL AID PROJECT			CONTRACT 97447	

STA. 1026+50 - STA. 1030+00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

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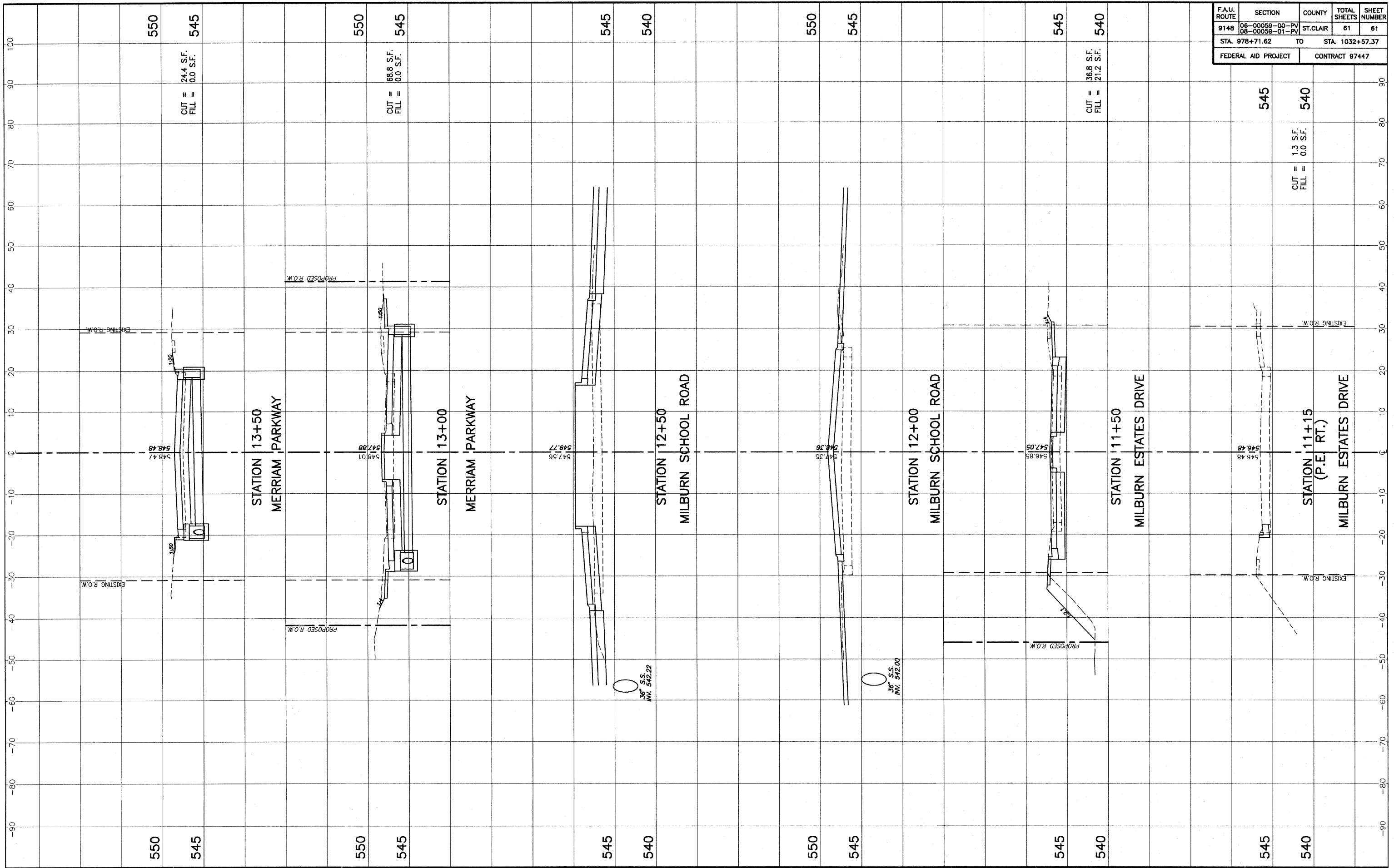


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00059-01-PV	ST. CLAIR	61	60
STA. 978+71.62		TO	STA. 1032+57.37	
FEDERAL AID PROJECT			CONTRACT 97447	

STA. 1030+50 - STA. 1032+71.00 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9148	06-00059-00-PV 08-00058-01-PV	ST. CLAIR	61	61
STA. 978+71.62		TO STA. 1032+57.37		
FEDERAL AID PROJECT		CONTRACT 97447		



STA. 11+15 - STA. 13+50 CROSS SECTIONS MILBURN SCHOOL ROAD IMPROVEMENTS ST. CLAIR COUNTY, ILLINOIS

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