

1-17-14 LETTING ITEM 132

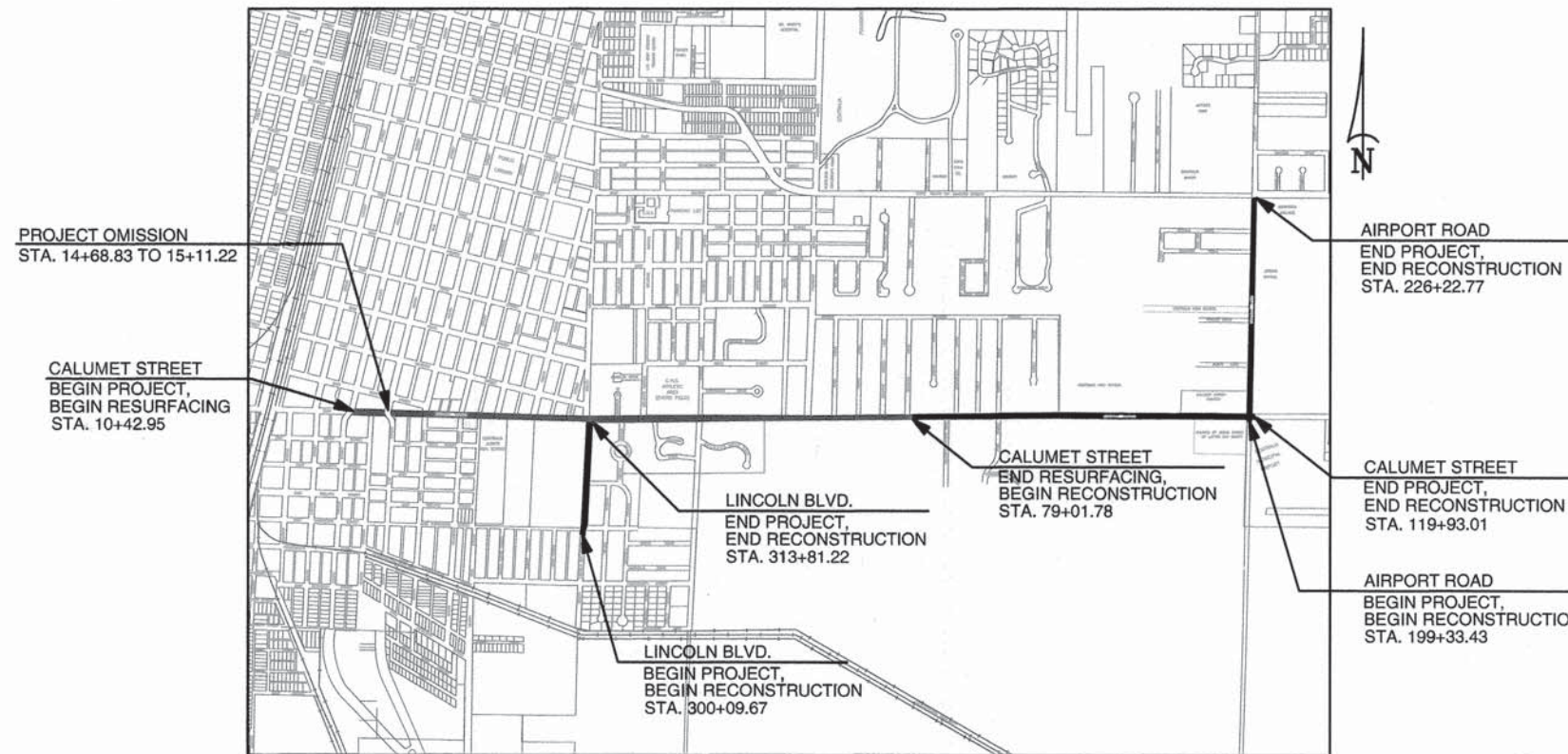
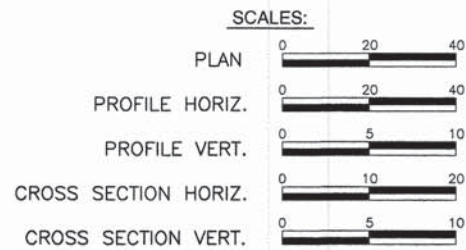
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	1
FEDERAL AID PROJECT			CONTRACT 97522	

- INDEX OF SHEETS**
- COVER SHEET
 - GENERAL NOTES, HIGHWAY STANDARDS & UTILITIES
 - SUMMARY OF QUANTITIES
 - 7. TYPICAL SECTIONS
 - 17. CONSTRUCTION SCHEDULES
 - 39. ROADWAY PLAN AND PROFILES
 - 44. TRAFFIC CONTROL DETAILS AND STAGING
 - 53. REMOVAL PLAN
 - 67. PAVEMENT MARKING AND SIGNING PLAN
 - 76. EROSION CONTROL PLAN
 - 85. RIGHT-OF-WAY PLANS
 - 95. STORM SEWER PROFILES
 - 99. INTERSECTION DETAILS
 100. BOX CULVERT DETAILS
 - 101.-103. ENTRANCE DETAILS
 - 104.-106. MISCELLANEOUS DETAILS
 107. DETECTOR LOOP DETAILS
 - 108.-150. CROSS SECTIONS
 151. CHANNEL CROSS SECTIONS

**PLANS FOR PROPOSED
LOCAL AGENCY PROJECT**

FAU 8602 (CALUMET ST.), FAU 8620 (AIRPORT RD.) & FAU 8617 (LINCOLN BLVD.)
RESURFACING, RECONSTRUCTION
SECTION 09-00097-00-PV
PROJECT NO. M-5012(021)
CITY OF CENTRALIA, ILLINOIS
MARION COUNTY
JOB NO. C-98-343-11
STU / ILLINOIS JOBS NOW PROGRAMS



LOCATION MAP
NOT TO SCALE

STU FUNDING -

CALUMET STREET (RESURFACING)	6,816.44 FT. = 1.291 MILES
CALUMET STREET (RESURFACING OMISSION)	42.39 FT. = 0.008 MILES
LINCOLN BLVD. (RECONSTRUCTION)	1,371.55 FT. = 0.260 MILES
SUB-TOTAL LENGTH OF IMPROVEMENTS	8,187.99 FT. = 1.551 MILES

ILLINOIS JOBS NOW -

CALUMET STREET (RECONSTRUCTION)	4,091.23 FT. = 0.775 MILES
AIRPORT ROAD (RECONSTRUCTION)	2,689.34 FT. = 0.509 MILES
SUB-TOTAL LENGTH OF IMPROVEMENTS	6,780.57 FT. = 1.284 MILES
NET LENGTH OF IMPROVEMENTS	14,968.56 FT. = 2.835 MILES

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



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

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

Toll Free 800/892-0123



Mark A. Rujawitz
Mark A. Rujawitz
Date of Signing: 10/31/2013
Date of License Expiration: 11/30/2015

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED: [Signature] 11-1-13 DATE
MAYOR, CITY OF CENTRALIA

APPROVED: [Signature] 11-1-13 DATE
ROAD COMMISSIONER, CENTRALIA TOWNSHIP

PASSED: [Signature] 11-20-13 DATE
DISTRICT EIGHT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: 11-20-13 DATE
DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

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

CORPORATE OFFICE: 4 INDUSTRIAL DRIVE, FREEBURG, ILLINOIS 62243 (618) 539-3178
REGIONAL OFFICE: 201 SOUTH LOCUST STREET, CENTRALIA, ILLINOIS 62801 (618) 532-1992

GENERAL NOTES

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	2
FEDERAL AID PROJECT			CONTRACT 97522	

- 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. ONLY REMOVAL OF TEMPORARY PAVEMENT MARKING FROM THE FINAL SURFACE SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
- 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 40 TONS OF HMA SURFACE WILL BE REMOVED FROM THIS PROJECT.
- 7.) PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS AND FACE OF CURBS, PCC SIDEWALK AND PCC DRIVEWAY PAVEMENT POURED AFTER NOVEMBER 1 AND PRIOR TO APRIL 15.
- 8.) ALL SIGNS NOT CALLED OUT FOR REMOVAL SHALL REMAIN. SIGNS TO REMAIN WHICH INTERFERE WITH THE PROPOSED IMPROVEMENTS OR THE CONTRACTORS OPERATIONS SHALL BE REMOVED AND RE-ERECTED AT LOCATIONS DETERMINED BY THE ENGINEER. THOSE SIGNS CALLED OUT FOR REMOVAL SHALL REMAIN PROPERTY OF THE CITY OF CENTRALIA AND DELIVERED TO A LOCATION WITHIN THE CITY AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER PRIOR TO REMOVING ANY SIGNS. THE COST FOR COMPLYING WITH THE ABOVE SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 9.) AN ESTIMATED QUANTITY OF 450 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND LOCAL TRAFFIC THROUGHOUT CONSTRUCTION OPERATIONS.

- 10.) FACTORS USED FOR APPLICATION RATES AND QUANTITY CALCULATIONS ARE AS FOLLOWS:

PAVING

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

SEEDING

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

LIME MODIFIED SOILS

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

- 11.) 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 & GUTTER/AND GUTTER SHALL ALSO INCLUDE THE DISCONNECTION OF THE EXISTING CURB/CURB & 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 CURB AND GUTTER IS TO BE CONSTRUCTED ADJACENT TO EXISTING CONCRETE PAVEMENT OR CONCRETE 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 COMBINATION CONCRETE CURB AND GUTTER OF TYPE SPECIFIED 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.
- 17.) THE CONTRACTOR SHALL GRADE THE AREA BEHIND THE CURB AND SIDEWALK TO DRAIN OVER THE CURB OR TO INLETS AS DIRECTED BY THE ENGINEER IN THE FIELD.

APPLICABLE IDOT HIGHWAY STANDARDS:

280001-07	542301-03	602701-02	701311-03	729001-01
420001-07	542401-01	604001-03	701501-06	780001-04
420701-02	542606-02	604036-02	701801-05	814006-02
424001-07	602301-04	604051-03	701901-03	886001-01
424011-01	602306-03	604066-02	720001-01	886006-01
424026-01	602401-03	606001-05	720006-04	B.L.R. 21-9
442201-03	602601-03	606006-02	720011-01	B.L.R. 22-7
		606201-02		

UTILITY TYPE	NAME OF UTILITY	PHONE NUMBER	CONTACT NAME
ELECTRIC/GAS	AMEREN IP (SOUTH)	618-244-8220	BRENT BARTLEY
TELEPHONE	AT&T	618-533-3414	TODD ISAAK
CABLE	CLEARWAVE COMM.	618-294-8034	AARON CARIAN
WATER/SEWER	CITY OF CENTRALIA	618-533-7625	JEFF SCHWARTZ
CABLE	CHARTER COMM.	636-387-6661	CHRIS SHELTON
FIBER OPTIC	WINDSTREAM KDL, INC.	812-253-2168	DOUG CLARK
WATER	VILLAGE OF WALNUT HILL	618-532-8569	JIM GREEN

COMMITMENTS

ALL ROOF DRAINS AND SUMP PUMP OUTLETS WILL BE TIED INTO THE PROPOSED STORM SEWER NETWORK.

EVERY EFFORT SHOULD BE MADE TO AVOID REMOVAL OF BUSHES FROM STATION 310+84 TO 312+62 RT. THIS INCLUDES (BUT NOT LIMITED TO) REDUCING THE WIDTH OF THE SIDEWALK AND CONSTRUCTION INLETS IN SUCH A WAY TO AVOID DISTURBANCE. THE WIDTH OF THE PROPOSED SIDEWALK SHALL NOT BE REDUCED TO LESS THAN 4 FEET.

TWO BRADFORD PEAR TREES APPROXIMATELY LOCATED AT STATIONS 116+23, 37' LEFT AND 117+39, 30' LEFT SHALL BE REMOVED INCLUDING THE STUMPS.

PARKING LOT LIGHTS LOCATED IN THE TEMPORARY USE PERMIT AREA SHALL NOT BE DISTURBED.

THE CONTRACTOR SHALL GAIN ACCESS TO THE TEMPORARY USE PERMIT FROM THE ROADWAY RIGHT OF WAY OF CALUMET STREET. NO HEAVY EQUIPMENT SHALL BE ALLOWED ON THE ASPHALT PARKING LOT OF THE CALUMET STREET CHRISTIAN CHURCH.

LANDSCAPING SHALL BE REMOVED AND REINSTALLED EAST OF BRIARWOOD DRIVE, EAST & WEST OF P.E. STA. 84+24 RT. AND SOUTH OF CESSNA DRIVE AS NECESSARY TO COMPLETE THE PROPOSED IMPROVEMENTS, COST INCLUDED IN THE COST OF THE CONTRACT.

BUSHES AND BRUSH WITHIN EASEMENT STA. 90+60 TO STA. 91+75, RIGHT SHALL BE REMOVED AS A PART OF THE PROJECT. THE COST FOR REMOVING THE BUSHES AND BRUSH SHALL BE INCLUDED IN THE COST OF THE CONTRACT. TREES OVER 6" IN DIAMETER SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TREE REMOVAL.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FEDERAL	20% CITY	100% STATE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	58	0004		50
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	288	54		234
20101200	TREE ROOT PRUNING	EACH	4	4		0
20200100	EARTH EXCAVATION	CU YD	4,197	1,530		2,667
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,781	690		2,091
20400800	FURNISHED EXCAVATION	CU YD	246	0		246
20700220	POROUS GRANULAR EMBANKMENT	CU YD	15	0		15
20800150	TRENCH BACKFILL	CU YD	3,627	434		3,193
25000100	SEEDING, CLASS 1	ACRE	4.3	1.9		2.4
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	387	171		216
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	387	171		216
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	387	171		216
25100115	MULCH, METHOD 2	ACRE	4.3	1.9		2.4
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	430	190		240
28000500	INLET AND PIPE PROTECTION	EACH	107	30		77
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	126	0		126
28200200	FILTER FABRIC	SQ YD	126	0		126
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	4,591	0		4,591
30201500	LIME	TON	88	0		88
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	8,903	0		8,903
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	4,425	4,425		0
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	825	253		572
35101400	AGGREGATE BASE COURSE, TYPE B	TON	349	190		159
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	68	32		36
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	450	150		300
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	9,839	3,500		6,339
40600300	AGGREGATE (PRIME COAT)	TON	81	46		35
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	702	702		0
40600895	CONSTRUCTING TEST STRIP	EACH	2	0		2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	482	482		0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	612	612		0
40600990	TEMPORARY RAMP	SQ YD	84	84		0
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	6,078	885		5,193
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	5,138	2,543		2,595
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	310	205		105
42000101	PORTLAND CEMENT CONCRETE PAVEMENT 6" (JOINTED)	SQ YD	825	253		572
42001200	PAVEMENT FABRIC	SQ YD	825	253		572
42001300	PROTECTIVE COAT	SQ YD	11,068	3,542		7,526
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	2,345	684		1,661
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	39,228	10,872		28,356
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	488	488		0
42400800	DETECTABLE WARNINGS	SQ FT	768	481		287
44000100	PAVEMENT REMOVAL	SQ YD	1,373	153		1,220
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,127	804		1,323
44000300	CURB REMOVAL	FOOT	540	300		240
44000400	GUTTER REMOVAL	FOOT	3,642	3,564		78
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	305	108		197
44000600	SIDEWALK REMOVAL	SQ FT	5,097	4,854		243
44200074	PAVEMENT PATCHING, TYPE I, 7 INCH	SQ YD	19	19		0
44200079	PAVEMENT PATCHING, TYPE II, 7 INCH	SQ YD	89	89		0
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	4300	4300		0
45200300	JOINT OR CRACK FILLING	POUND	1400	1400		0
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	0		1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	0		1
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	0		1
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1	0		1
50105220	PIPE CULVERT REMOVAL	FOOT	5,073	1,559		3,514
50200100	STRUCTURE EXCAVATION	CU YD	171	0		171
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	0		2

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FEDERAL	20% CITY	100% STATE
54010704	PRECAST CONCRETE BOX CULVERTS 7' X 4'	FOOT	66	0004		66
542A0217	PIPE CULVERTS, CLASS A, TYPE 1, 12"	FOOT	29	29		0
542A0223	PIPE CULVERTS, CLASS A, TYPE 1, 18"	FOOT	46	46		0
54210018	PIPE CULVERTS, CLASS D, TYPE 1, 18" (TEMPORARY)	FOOT	68	0		68
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	0		1
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	0		3
54215553	METAL END SECTION, 18"	EACH	1	0		1
54216180	REINFORCED CONCRETE PIPE TEE, 12" PIPE WITH 12" RISER	EACH	1	1		0
54216570	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 15" RISER	EACH	1	0		1
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	5,614	2,090		3,524
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	1,484	0		1,484
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	1,559	0		1,559
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	1,413	0		1,413
550A2380	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 30"	FOOT	28	0		28
550A2400	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36"	FOOT	40	0		40
550A2410	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 42"	FOOT	328	0		328
550A2420	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 48"	FOOT	486	0		486
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	700	418		282
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	715	0		715
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	640	0		640
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	481	0		481
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 18"	FOOT	118	0		118
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 24"	FOOT	484	0		484
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 30"	FOOT	128	0		128
550B0050	STORM SEWERS, CLASS B, TYPE 1, 12"	FOOT	757	146		611
550B0070	STORM SEWERS, CLASS B, TYPE 1, 15"	FOOT	13	0		13
550B0090	STORM SEWERS, CLASS B, TYPE 1, 18"	FOOT	11	0		11
* 56109210	WATER VALVES TO BE ADJUSTED	EACH	26	26		1
60100915	PIPE DRAINS 6"	FOOT	7	7		0
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0		1
60222200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 15 FRAME AND LID	EACH	1	0		1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	59	16		43
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	10	1		9
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1		0
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	0		1
60240320	INLETS, TYPE B, TYPE 15 FRAME AND LID	EACH	54	17		37
60255500	MANHOLES TO BE ADJUSTED	EACH	19	19		0
60260100	INLETS TO BE ADJUSTED	EACH	1	1		0
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	0		1
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	17	17		0
60500060	REMOVING INLETS	EACH	26	12		14
60600805	CONCRETE CURB, TYPE B	FOOT	212	212		0
60602800	CONCRETE GUTTER, TYPE B	FOOT	8	8		0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	15,610	2,784		12,826
60604300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	77	0		77
67100100	MOBILIZATION	L SUM	1	0.25		0.75
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,208	608		600
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	78	0		78
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	19,386	7,069		12,317
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2,300	1,508		794
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,622	736		886
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	205	93		112
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	403	203		200
72000100	SIGN PANEL-TYPE 1	SQ FT	177	105.5		71.5
72900100	METAL POST-TYPE A	FOOT	25	25		0
72900200	METAL POST-TYPE B	FOOT	425.5	233.5		192
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	0		78
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19,386	7,069		12,317
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,561	1,335		226

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	3

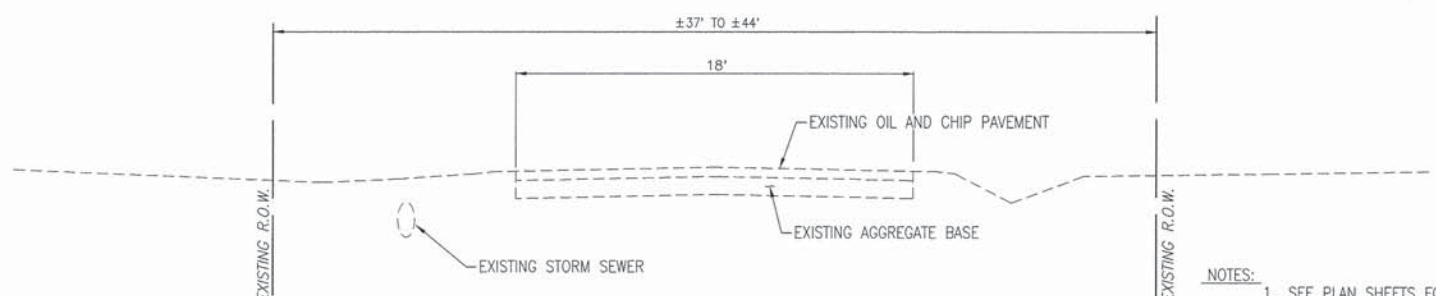
FEDERAL AID PROJECT CONTRACT 97522

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FEDERAL	20% CITY	100% STATE
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,419	645		774
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	205	93		112
* 78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	739	171		568
* 78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	203	91		112
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	216	0		216
X0323389	STORM SEWER CONNECTION	EACH	17	3		14
X2010400	STUMP REMOVAL ONLY	UNIT	81	0		81
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	546	0		546
X6024242	INLETS, SPECIAL, NO. 1	EACH	57	11		46
X6024244	INLETS, SPECIAL, NO. 2	EACH	16	0		16
X6024246	INLETS, SPECIAL, NO. 3	EACH	1	0		1
X6024248	INLETS, SPECIAL, NO. 4	EACH	3	0		3
X6024503	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	3	3		0
X6061610	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (MODIFIED)	FOOT	4,255	4,255		0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.25		0.75
* XX002185	RELOCATE EXISTING LIGHT POLE	EACH	1	1		0
* XX008730	DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1	1		0
Z0022800	FENCE REMOVAL	FOOT	64	25		39
Z0041500	PLUS EXISTING CULVERTS	EACH	1	1		0
Z0076600	TRAFFIC TRAINING PROGRAM GRADUATE	FOOT	1,500	0		476
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	476	0		476
Z0076604	TRAFFIC TRAINING PROGRAM GRADUATE	FOOT	1,500	0		473
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	473	0		473

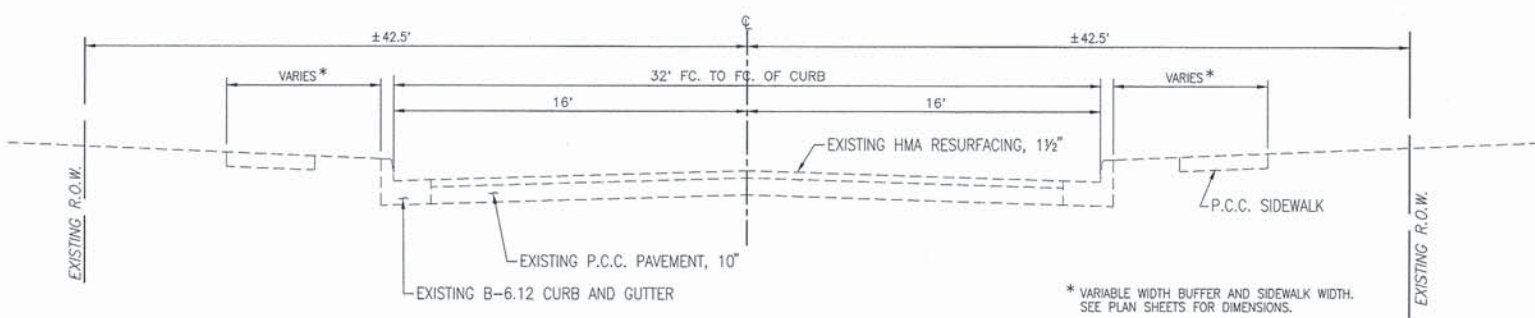
* SPECIALTY ITEM
△ 0042

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	4
FEDERAL AID PROJECT		CONTRACT 97522		



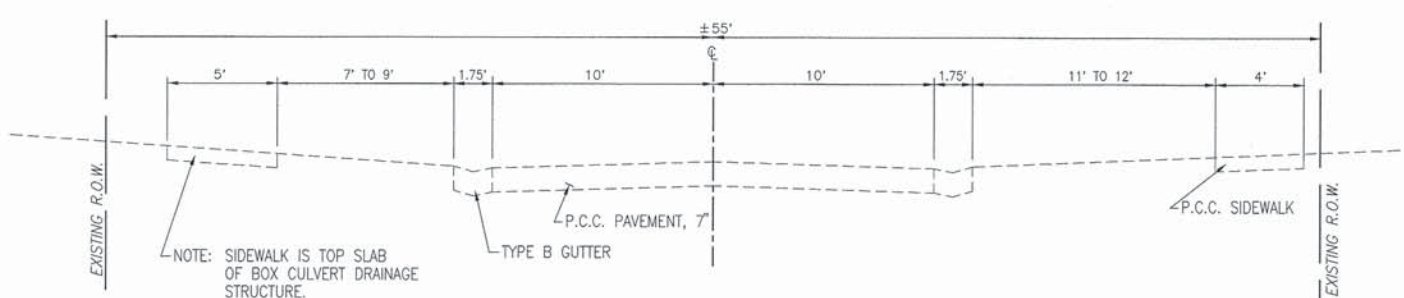
EXISTING TYPICAL SECTION
 N.T.S.
 LINCOLN BLVD.
 (13TH STREET TO CALUMET STREET)

- NOTES:**
- SEE PLAN SHEETS FOR LOCATION OF DITCHES AND STORM SEWER.
 - THICKNESS OF BITUMINOUS SURFACE TREATMENT IS VARIABLE. RANDOM PAVEMENT CORE THICKNESSES ARE AS FOLLOWS:
- | NO. | STA. | LOCATION | COMPOSITION |
|-----|--------|------------------|---|
| 1 | 310+45 | CL | 8½" OIL & CHIP |
| 2 | 305+88 | 2' W. OF CL | 7" OIL & CHIP OVER 3" AGG. |
| 3 | 303+00 | 2' E. OF W. EDGE | 2" OIL & CHIP OVER 4" AGG. OVER FABRIC OVER 6" AGG. |



EXISTING TYPICAL SECTION
 N.T.S.
 CALUMET STREET
 (POPLAR STREET TO ELM STREET)

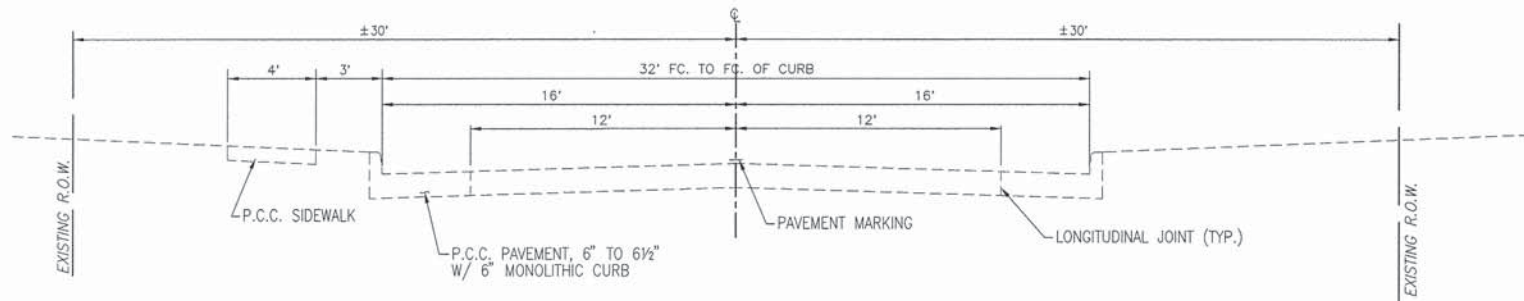
* VARIABLE WIDTH BUFFER AND SIDEWALK WIDTH. SEE PLAN SHEETS FOR DIMENSIONS.



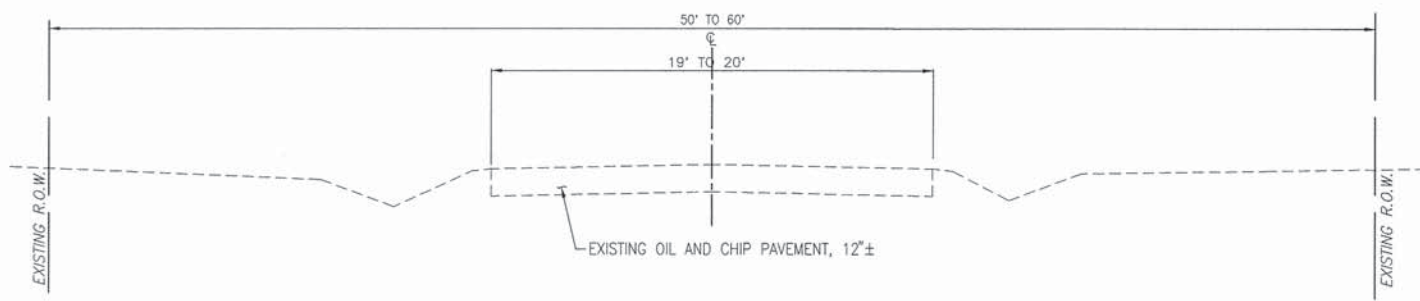
EXISTING TYPICAL SECTION
 N.T.S.
 CALUMET STREET
 (ELM STREET TO LINCOLN BLVD.)

NOTE: SIDEWALK IS TOP SLAB OF BOX CULVERT DRAINAGE STRUCTURE.

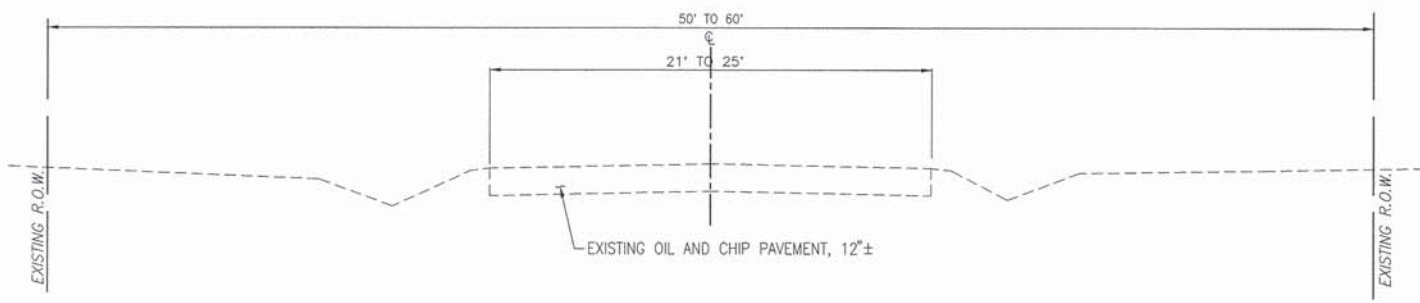
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	5
FEDERAL AID PROJECT		CONTRACT 97522		



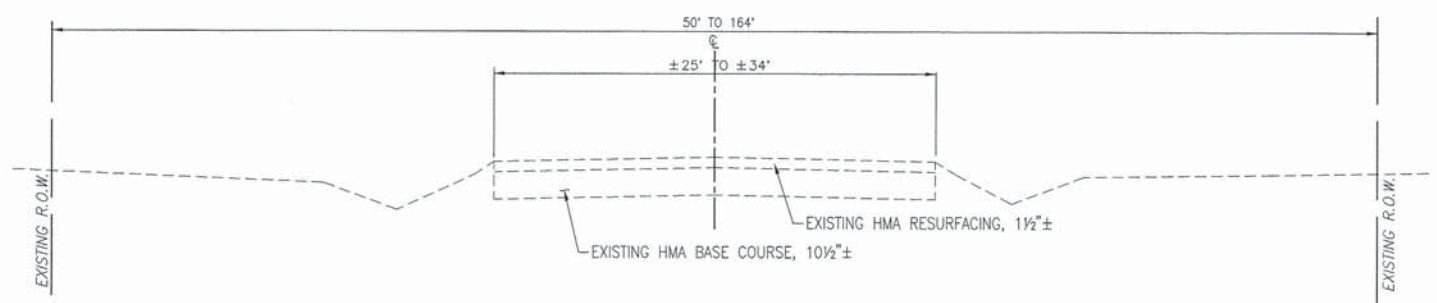
EXISTING TYPICAL SECTION
 N.T.S.
 CALUMET STREET
 (LINCOLN BLVD. TO OAKDALE DRIVE/STA. 79+01.68)



EXISTING TYPICAL SECTION
 N.T.S.
 CALUMET STREET
 (OAKDALE DRIVE/STA. 79+01.68 TO AIRPORT ROAD/STA. 116+35.53)

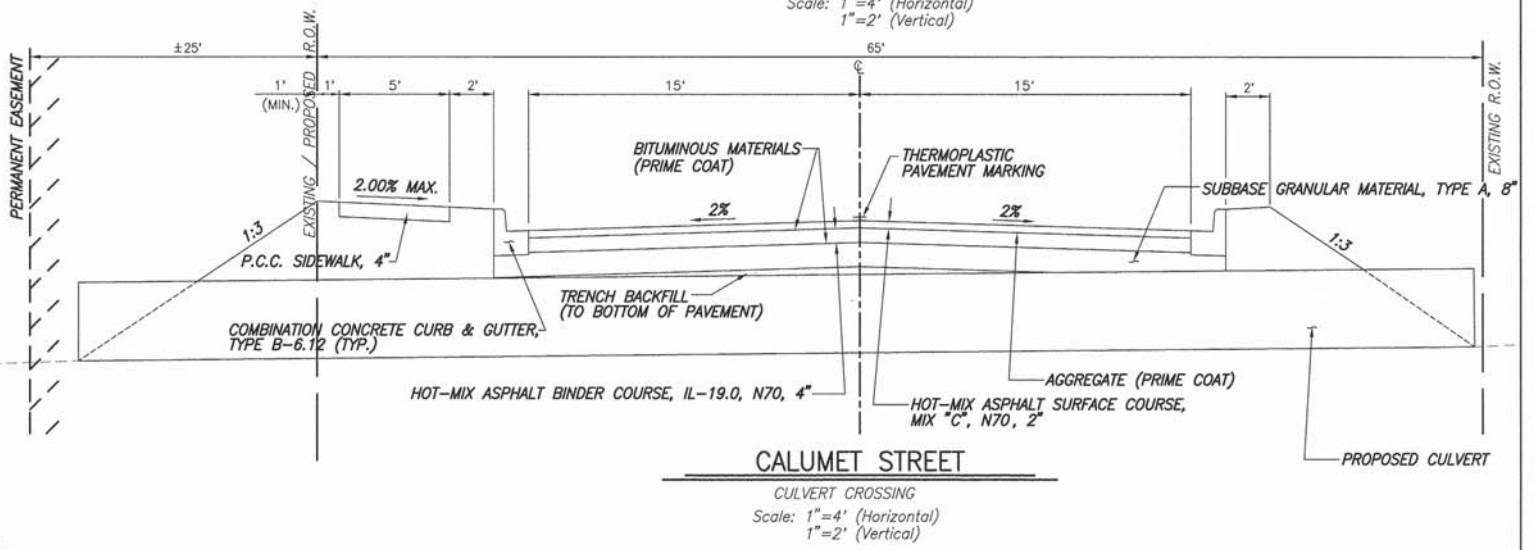
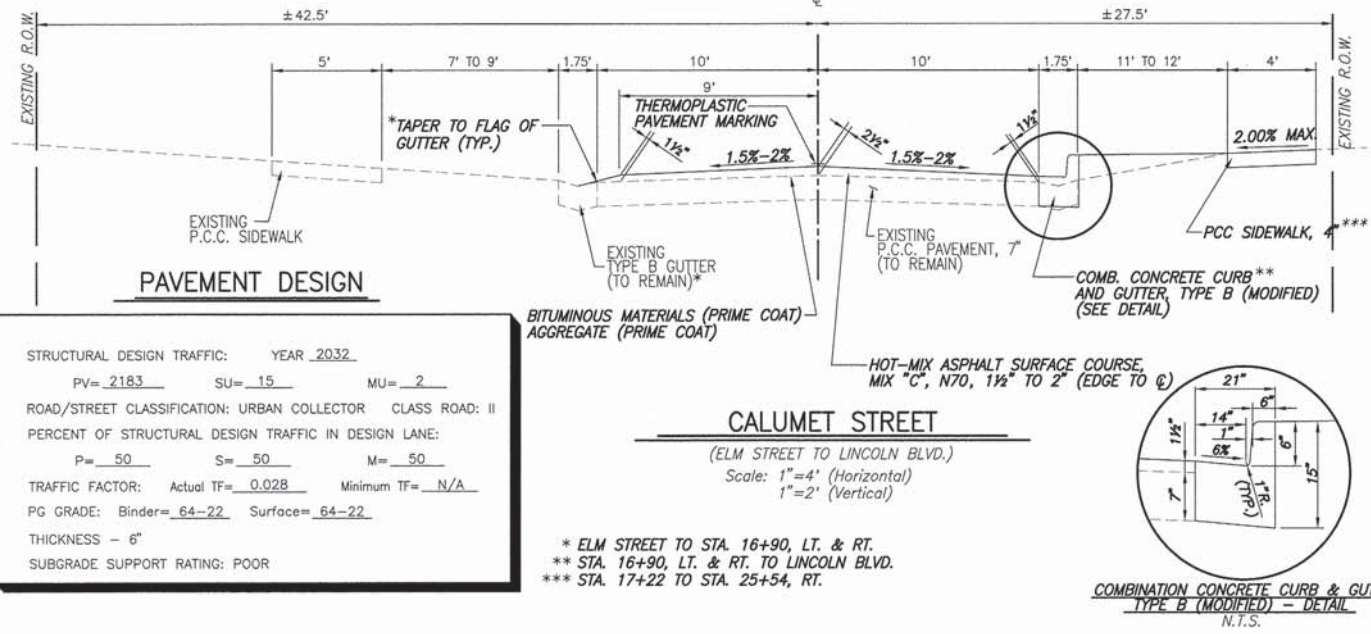
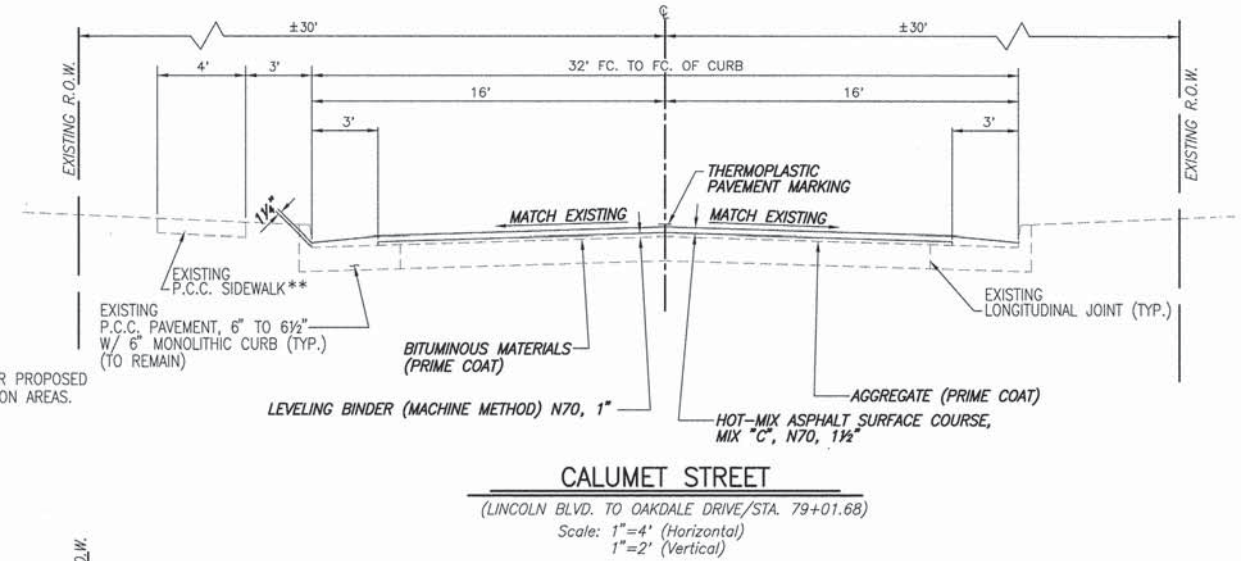
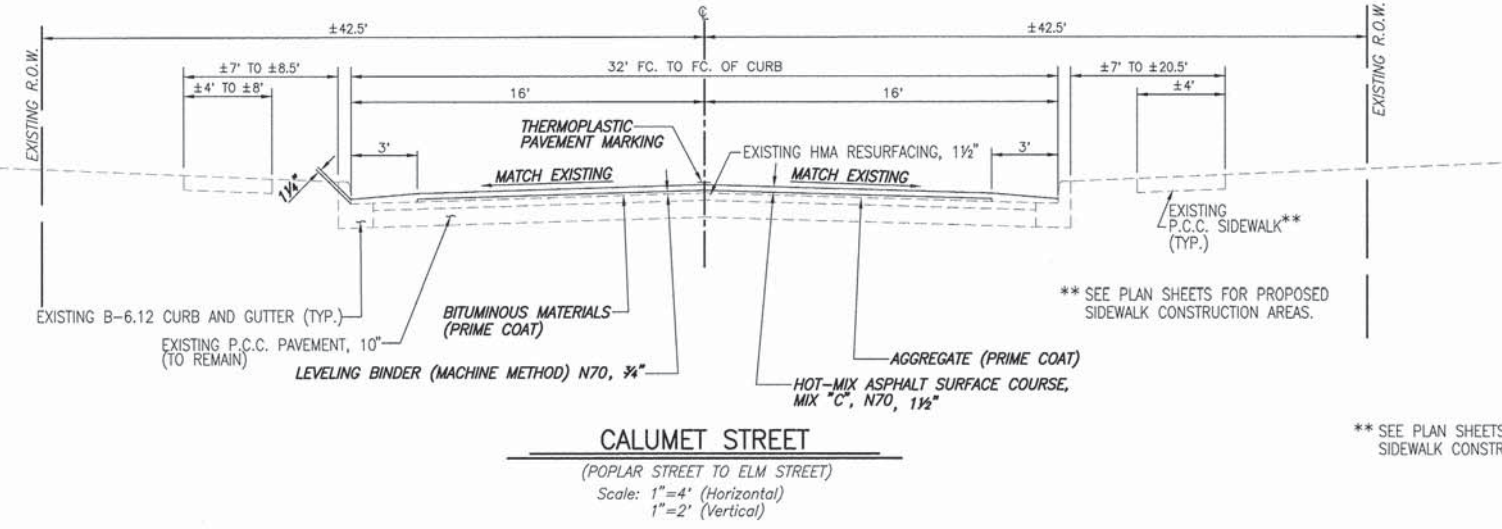
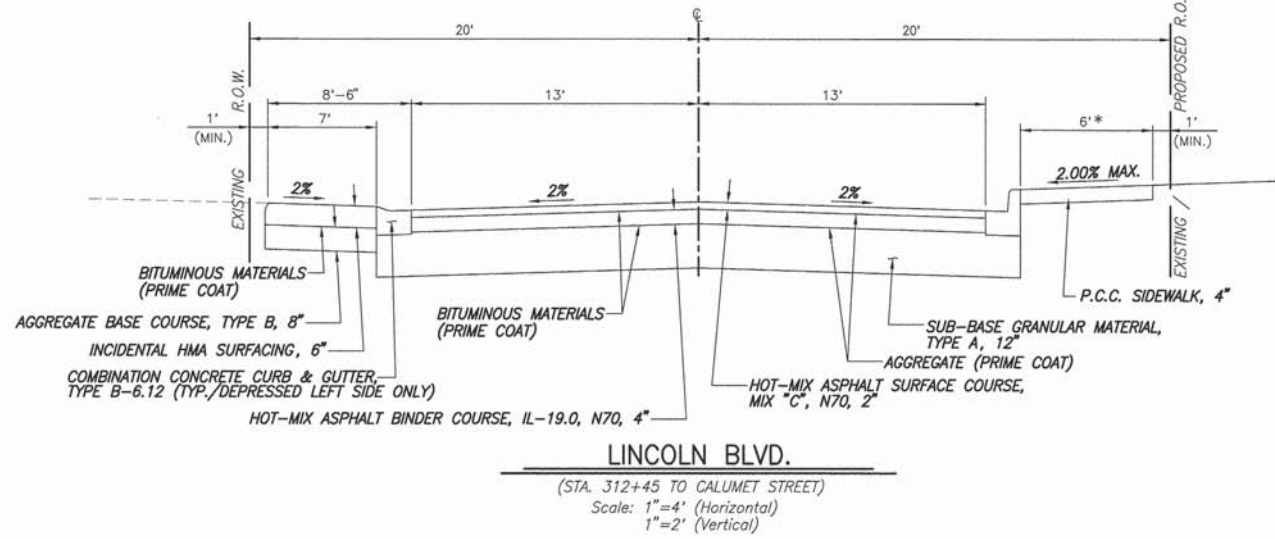
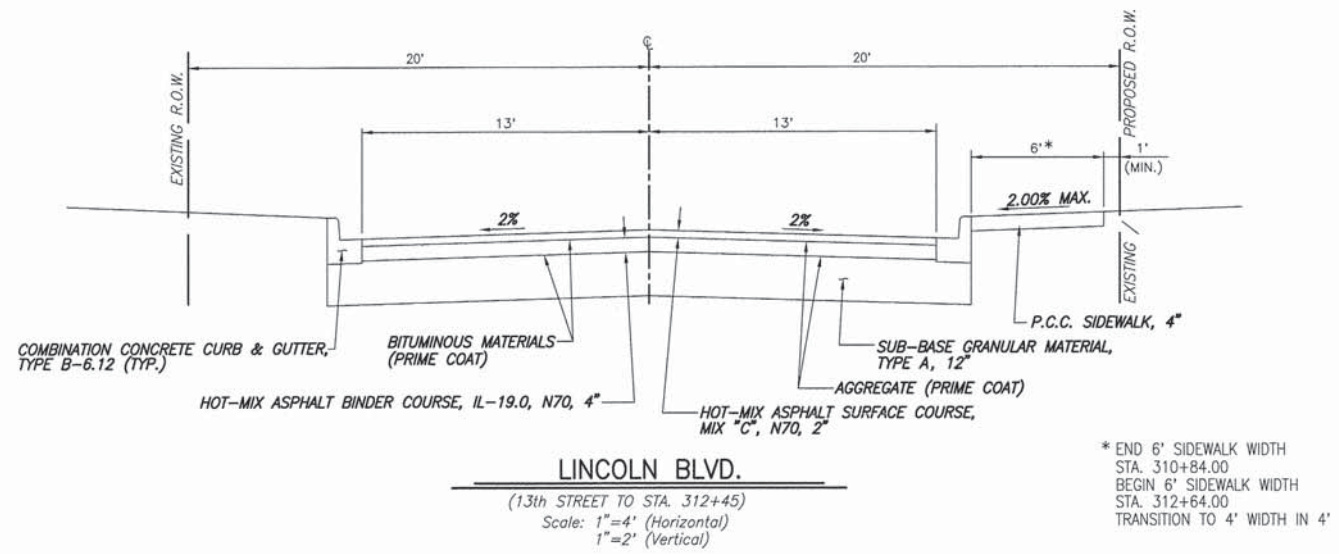


EXISTING TYPICAL SECTION
 N.T.S.
 AIRPORT ROAD
 (CALUMET STREET TO STA. 224+95.43)



EXISTING TYPICAL SECTION
 N.T.S.
 AIRPORT ROAD
 (STA. 224+95.34 TO IL 161)

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	6
FEDERAL AID PROJECT		CONTRACT 97522		

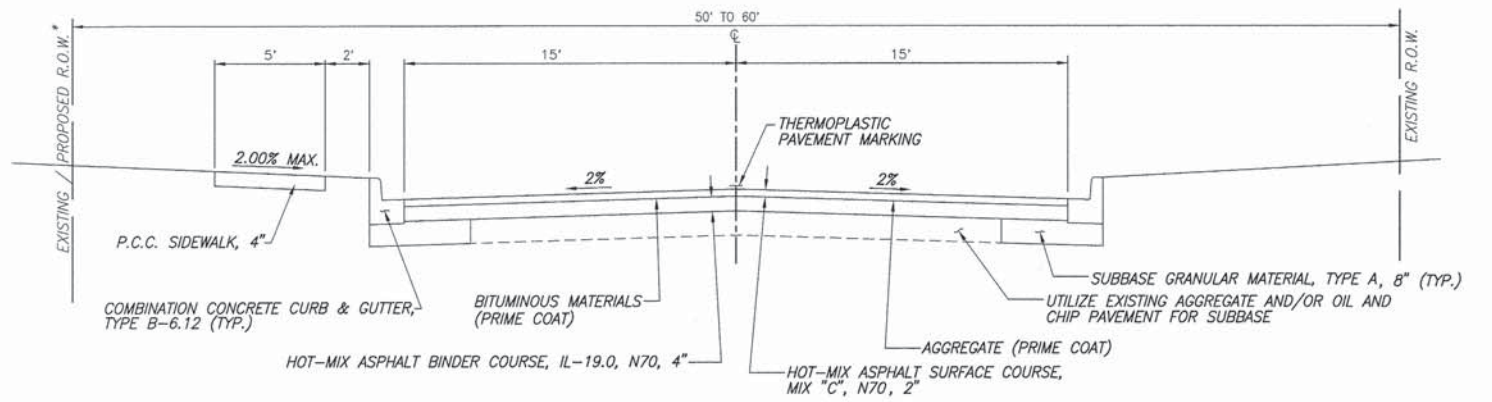


PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR 2032	
PV= 2183	SU= 15	MU= 2
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= 0.028 Minimum TF= N/A		
PG GRADE: Binder= 64-22 Surface= 64-22		
THICKNESS - 6"		
SUBGRADE SUPPORT RATING: POOR		

K:\41810 - Centra - Calumet - Airport Rev\06_07_TYPICAL_SECTION.dwg, 11/17/13 12:47:23 PM, Plotted by MAL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	7
FEDERAL AID PROJECT		CONTRACT 97522		



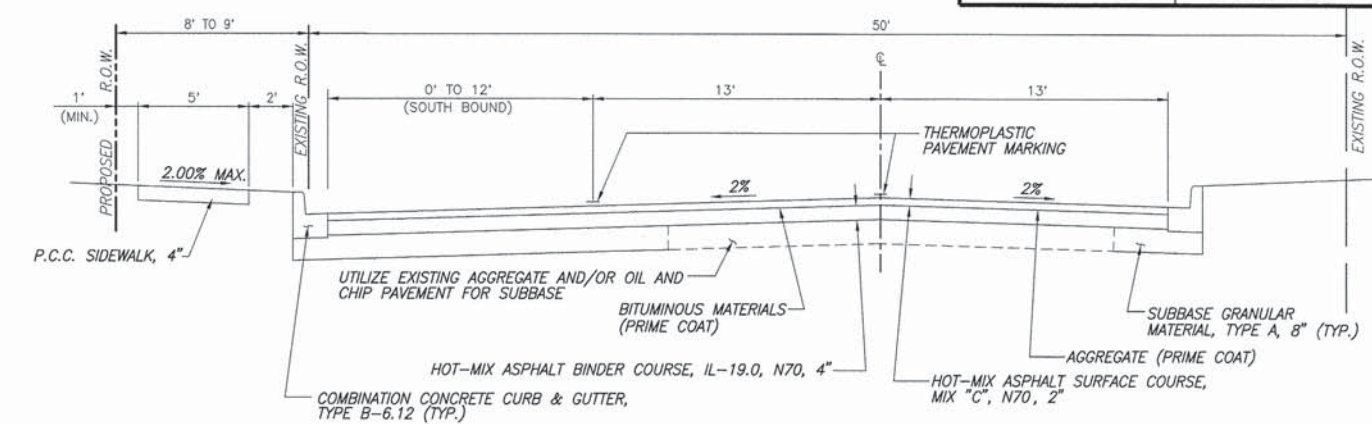
* - PROPOSED R.O.W. 25' LEFT
STA. 108+13.00 TO STA. 116+35.53
BRINGING TOTAL R.O.W. WIDTH TO ±65'

CALUMET STREET

(STA. 79+01.68 TO STA. 97+23.34)
(STA. 108+13.00 TO STA. 119+93.43)

Scale: 1"=4' (Horizontal)
1"=2' (Vertical)

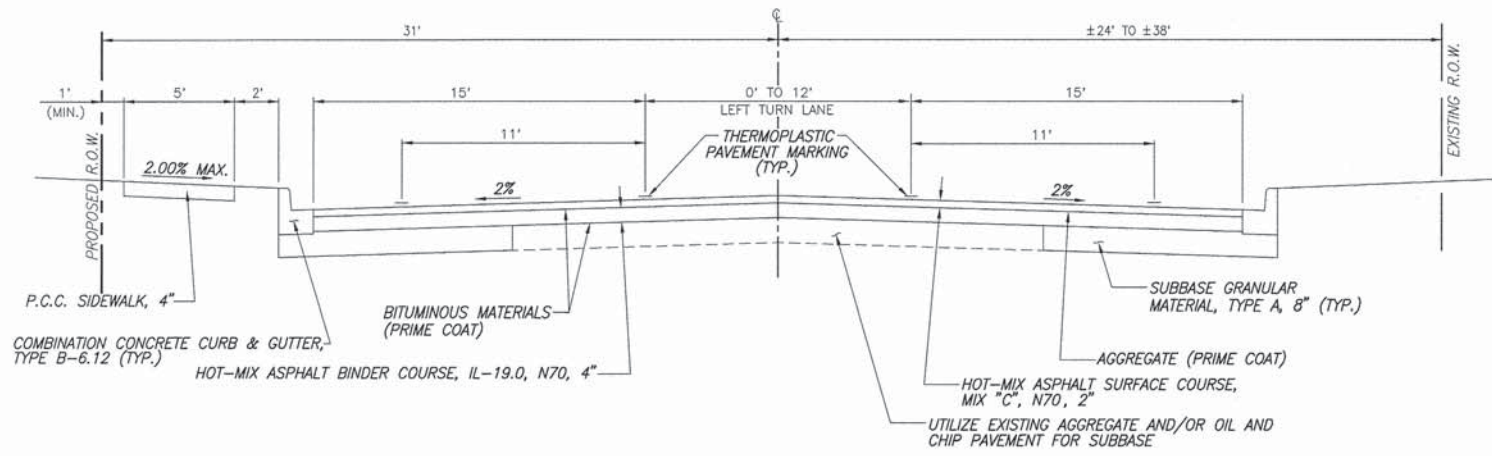
NOTE: FOR LOCATIONS WHERE THE EXISTING SUBBASE IS INSUFFICIENT ADDITIONAL SUBBASE GRANULAR MATERIAL TYPE A, 8" SHALL BE USED. SOME AREAS TO NOTE INCLUDE STA. 83+50 TO 84+00, 86+00 TO 86+50 AND 90+00 TO 90+50. HOWEVER, THE ENGINEER SHALL BE SOLE JUDGE CONCERNING BASE SUITABILITY.



AIRPORT ROAD

(STA. 214+77.03 TO STA. 217+75.18)

Scale: 1"=4' (Horizontal)
1"=2' (Vertical)

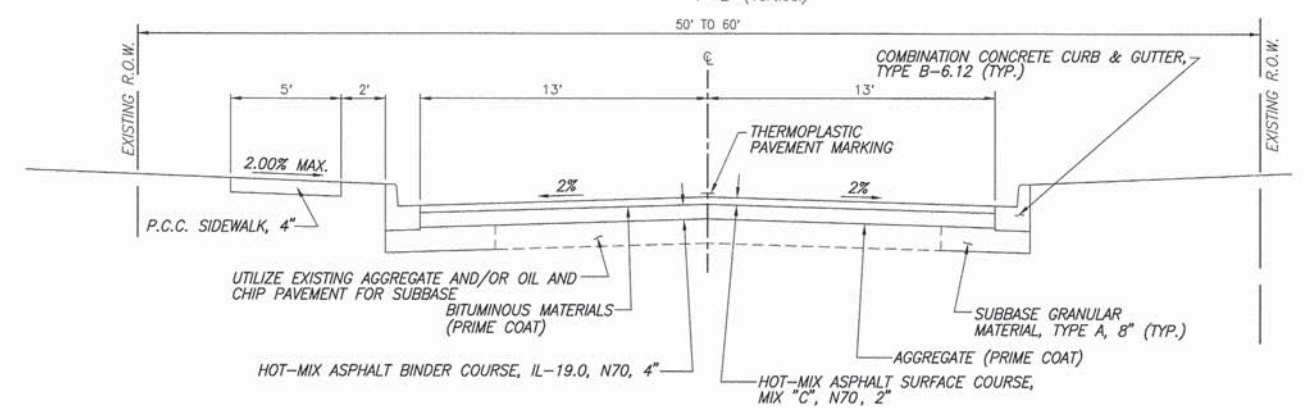


TRANSITION LEFT TURN
LANE 0' TO 12': STA. 97+23.34 TO 100+41.35
LANE 12' TO 0': STA. 106+03.00 TO 108+13.00
LANE 0' TO 12': STA. 116+35.53 TO 117+55.53

CALUMET STREET

(STA. 97+23.34 TO STA. 108+13.00)

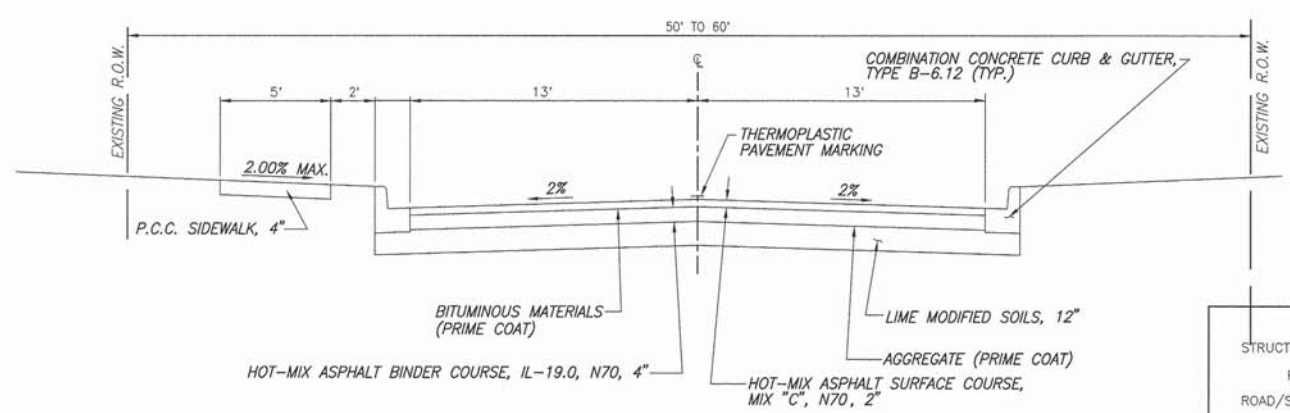
Scale: 1"=4' (Horizontal)
1"=2' (Vertical)



AIRPORT ROAD

(STA. 217+75.18 TO STA. 224+95.34)

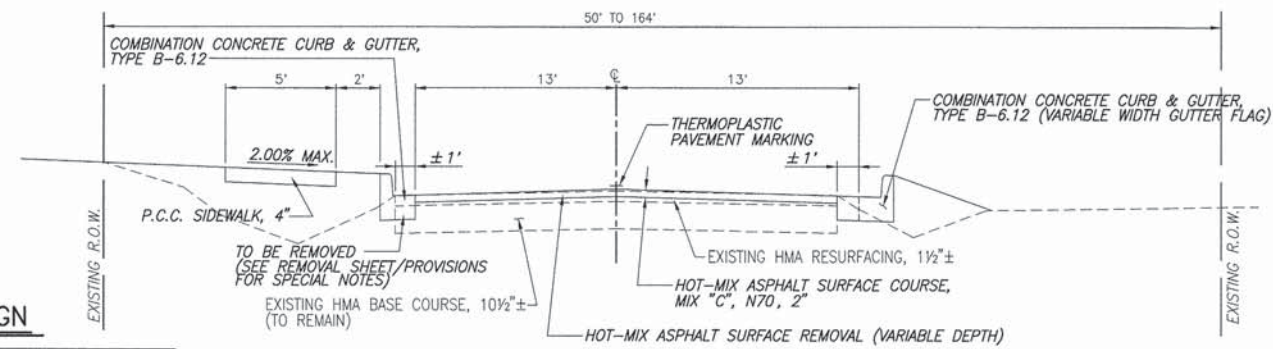
Scale: 1"=4' (Horizontal)
1"=2' (Vertical)



AIRPORT ROAD

(STA. 199+33.43 TO STA. 214+77.03)

Scale: 1"=4' (Horizontal)
1"=2' (Vertical)



AIRPORT ROAD

N.T.S.

AIRPORT ROAD
(STA. 224+95.34 TO STA. 226+22.77)

NOTE: END SIDEWALK BUFFER - STA. 225+63.62

PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC: YEAR 2032

PV= 2376 SU= 19 MU= 5

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= 0.044 Minimum TF= N/A

PG GRADE: Binder= 64-22 Surface= 64-22

THICKNESS - 6"

SUBGRADE SUPPORT RATING: POOR

DRAINAGE STRUCTURE SCHEDULE

PT	LOCATION STATION / OFFSET	DESCRIPTION	TOP OF LID/GRATE	FLOWLINE			
				N	S	E	W
CALUMET STREET (79+01.78 TO 119+93.01)							
1	79+34.86	18.00'L INLET SPECIAL, NO. 1 (3'X3')	520.38			516.65	516.65
2	79+44.14	17.50'R INLETS, TY B, TYPE 15 F&L *	520.32	517.48	517.48		
3	79+44.14	27.50'R INLETS, TY A, TYPE 8 GRATE	519.25	517.59			
4	80+07.96	17.50'R INLETS, TY B, TYPE 15 F&L *	520.03	517.26	517.26	517.26	
5	80+07.96	27.50'R INLETS, TY A, TYPE 8 GRATE	518.91	517.36			
6	80+56.40	18.00'L INLET SPECIAL, NO. 1 (3'X3')	519.88	517.31	516.31	516.31	
7	80+56.40	27.64'L INLETS, TY A, TYPE 8 GRATE	519.23	514.40			
8	81+35.00	17.50'R INLETS, TY B, TYPE 15 F&L *	519.65	516.84	516.84	516.84	
9	81+35.00	27.50'R INLETS, TY A, TYPE 8 GRATE	518.49	516.94			
10	81+53.69	18.00'L INLET SPECIAL, NO. 1 (3'X3')	519.60		516.03	516.03	
11	82+09.88	18.00'R INLET SPECIAL, NO. 1 (3'X3')	519.42		516.90	516.59	516.59
	82+13.43	29.85'R END OF PIPE 13		517.03			
	82+47.91	29.85'R END OF PIPE 14		516.89			
12	82+47.91	18.00'R INLET SPECIAL, NO. 1 (3'X3')	519.31	516.77	516.47	516.47	
13	82+97.55	18.50'L INLET SPECIAL, NO. 2 (4'X4')	519.16	516.75	515.62	515.62	
14	83+17.17	32.35'L INLETS, TY A, TYPE 15 F&L	518.80	516.97			
15	83+49.61	18.00'R INLET SPECIAL, NO. 1 (3'X3')	519.00		515.62	515.62	
16	83+49.93	30.97'L INLETS, TY A, TYPE 15 F&L	518.56	517.01			
17	83+66.94	18.50'L INLET SPECIAL, NO. 2 (4'X4')	518.96	516.80	515.42	515.42	
18	84+70.04	18.00'L INLET SPECIAL, NO. 1 (3'X3')	518.64	516.28	515.13	515.13	
19	84+70.04	28.67'L INLETS, TY A, TYPE 8 GRATE	518.22	516.38			
20	85+67.93	18.50'L INLET SPECIAL, NO. 2 (4'X4')	518.34		514.85	514.85	
21	85+83.20	18.00'R INLET SPECIAL, NO. 1 (3'X3')	518.30	515.84	515.36	515.36	
	85+87.16	29.45'R END OF PIPE 24		515.96			
22	86+36.44	18.50'L INLET SPECIAL, NO. 2 (4'X4')	518.15		514.66	514.66	
23	87+27.04	18.00'R INLET SPECIAL, NO. 1 (3'X3')	517.87		514.89	514.89	
24	87+34.25	18.00'L INLET SPECIAL, NO. 1 (3'X3')	517.85	515.32	514.38	514.38	
25	87+34.25	28.69'L INLETS, TY A, TYPE 8 GRATE	517.25	515.75	515.42		
26	88+04.68	18.50'R INLET SPECIAL, NO. 2 (4'X4')	517.64	514.63	514.63	514.63	
26A	88+39.73	34.13'R INLETS, TY A, TYPE 15 F&L	516.73	514.75			
27	88+37.29	18.50'L INLET SPECIAL, NO. 2 (4'X4')	517.55	515.23	514.08	514.08	
28	88+54.23	29.94'L INLETS, TY A, TYPE 15 F&L	517.32		515.44		
29	88+83.16	30.78'L INLETS, TY A, TYPE 15 F&L	517.17	515.67	515.34		
30	89+00.17	18.50'L INLET SPECIAL, NO. 2 (4'X4')	517.35	515.13	513.90	513.90	
31A	88+91.01	35.15'R INLETS, TY A, TYPE 15 F&L	516.63	514.35			
31	89+26.85	18.50'L INLET SPECIAL, NO. 2 (4'X4')	517.28	514.23	514.23	514.23	
32	90+24.31	18.00'R INLET SPECIAL, NO. 1 (3'X3')	516.98		513.90	513.90	
33	90+35.00	18.00'L INLET SPECIAL, NO. 1 (3'X3')	516.95	514.58	513.52	513.52	
34	90+35.00	28.50'L INLETS, TY A, TYPE 8 GRATE	516.51	514.68			
35	91+51.45	18.00'R INLET SPECIAL, NO. 1 (3'X3')	516.67		513.49	513.49	
36	91+51.57	18.00'L INLET SPECIAL, NO. 1 (3'X3')	516.66	514.34	513.19	513.19	
37	91+51.57	28.73'L INLETS, TY A, TYPE 8 GRATE	516.27	514.44			
38	92+29.44	18.50'L INLET SPECIAL, NO. 2 (4'X4')	516.82	512.91	512.91	512.91	
	92+29.44	40.00'L END OF PIPE 43		512.79			
	92+33.30	40.00'L END OF PIPE 44		512.79			
39	92+34.69	18.50'L INLET SPECIAL, NO. 2 (4'X4')	516.82	512.91	512.91	512.91	
40	92+50.79	18.50'R INLET SPECIAL, NO. 2 (4'X4')	516.84	513.21	513.21	513.21	
	92+50.91	28.77'R END OF PIPE 47		513.26			
	92+55.91	28.77'R END OF PIPE 48		513.26			
41	92+56.03	18.50'R INLET SPECIAL, NO. 2 (4'X4')	516.84	513.21	513.21	513.21	
42	93+81.47	18.00'R INLET SPECIAL, NO. 1 (3'X3')	516.61		513.61	513.61	
43	93+81.51	17.50'L INLETS, TY B, TYPE 15 F&L *	516.61		513.58	513.58	
44	95+93.04	17.00'L INLETS, TY A, TYPE 15 F&L	516.67			514.42	
45	95+97.62	17.00'R INLETS, TY A, TYPE 15 F&L	516.67			514.39	
46	96+78.44	17.00'R INLETS, TY A, TYPE 15 F&L	516.84		514.18		
47	98+00.00	20.20'R INLET SPECIAL, NO. 1 (3'X3')	516.97	514.97	514.60		
	98+00.00	27.50'R END OF PIPE 54		515.36			
48	98+99.98	22.55'L INLETS, TY B, TYPE 15 F&L *	517.05		513.34	513.34	
49	98+99.95	23.06'R INLET SPECIAL, NO. 1 (3'X3')	517.05		514.17	514.17	
50	101+43.79	23.50'L INLETS, TY B, TYPE 15 F&L *	516.29		512.39	512.39	
51	101+64.56	24.00'R INLET SPECIAL, NO. 1 (3'X3')	516.23		513.00	513.00	
52	103+81.76	23.50'L INLETS, TY B, TYPE 15 F&L *	515.65		511.48	511.48	
53	103+81.66	24.00'R INLET SPECIAL, NO. 1 (3'X3')	515.65		512.05	512.05	
54	105+80.04	24.00'R INLET SPECIAL, NO. 1 (3'X3')	515.70		511.17	511.17	
55	106+02.02	23.50'L INLETS, TY B, TYPE 15 F&L	515.63		510.67	510.67	
56	108+24.98	18.00'R INLET SPECIAL, NO. 1 (3'X3')	515.08		510.10	510.10	
57	108+61.26	18.08'L INLETS, TY B, TYPE 15 F&L	514.97		509.64	509.64	
58	110+00.00	17.50'L INLETS, TY B, TYPE 15 F&L	514.82		509.11	509.11	
59	110+00.00	18.00'R INLET SPECIAL, NO. 1 (3'X3')	514.62		509.33	509.33	
	110+63.01	42.60'L END OF PIPE 68		508.81			
60	110+69.93	36.19'L INLETS, TY B, TYPE 15 F&L *	512.25	508.99	509.07		
	110+89.38	34.91'R END OF PIPE 72			509.04		
61	112+51.68	17.50'L INLETS, TY B, TYPE 15 F&L	514.75		509.27	509.27	
62	112+51.64	19.50'R INLET SPECIAL, NO. 4 (6'X6')	514.75	510.80	509.35	509.35	
63	112+50.78	33.27'R END SECTIONS, 18"	-----	510.94			
64	113+85.80	17.50'L INLETS, TY B, TYPE 15 F&L *	515.10	512.20	509.59	509.59	
65	113+85.80	28.50'L INLETS, TY A, TYPE 8 GRATE	514.14		512.31		
66	114+17.34	19.50'R INLET SPECIAL, NO. 4 (6'X6')	515.19		511.57	509.70	509.70
67	114+17.34	37.00'R INLETS, TY A, TYPE 8 GRATE	513.50	511.75			
68	115+37.57	17.50'L INLETS, TY B, TYPE 15 F&L	516.99	512.44	509.97	509.97	
69	115+37.57	33.00'L INLETS, TY A, TYPE 8 GRATE	514.43		512.60		
70	115+89.81	19.50'R INLET SPECIAL, NO. 4 (6'X6')	515.74		510.75	510.06	510.06
71	117+56.41	33.00'L INLETS, TY A, TYPE 8 GRATE	514.34		512.51		
72	117+56.41	17.50'L INLETS, TY B, TYPE 15 F&L	516.27	512.27	510.51	510.51	
73	117+58.00	19.00'R INLET SPECIAL, NO. 3 (5'X5)	516.27		510.41	510.41	
74	118+35.00	20.33'L INLETS, TY B, TYPE 15 F&L	516.48		510.68	510.68	
75	118+77.10	42.21'L INLETS, TY B, TYPE 15 F&L	516.49	510.79	510.79		
76	118+79.16	24.31'R MANHOLES, TA-5'DIA, T1 FRAME, CLOSED LID	516.12	510.99	510.66	510.66	
76A	119+32.10	26.14'R MANHOLES, TA-5'DIA, T15 F&L*	516.35	510.79	510.79	510.79	
76B	119+48.77	25.82'R INLETS TO BE ADJUSTED W/ NEW TYPE 1 FRAME, OPEN LID	516.12		510.82	510.82	
76C	119+79.07	24.96'R MANHOLES, TA-5'DIA, T15 F&L*	516.48	510.90	510.90	510.90	
76D	119+79.44	18.01'R REINFORCED CONCRETE PIPE		511.24	510.90	511.07	
		TEE, 24" PIPE WITH 15" RISER					
76E	119+81.32	17.61'L INLETS, TY B, TYPE 8 GRATE*		513.00			
76I	120+06.48	17.56'L PRECAST REINF. CONC. FLARED END SECTION, 18"			513.25		
76H	120+33.11	20.64'R PRECAST REINF. CONC. FLARED END SECTION, 15"			513.00		

DRAINAGE STRUCTURE SCHEDULE

PT	LOCATION STATION / OFFSET	DESCRIPTION	TOP OF LID/GRATE	FLOWLINE			
				N	S	E	W
AIRPORT ROAD (199+33.43 TO 226+22.77)							
76F	199+03.34	20.00'L PRECAST REINFORCED CONC. FLARED END SECTIONS, 18"		512.45			
76G	199+25.00	17.94'R INLETS, TY B, TYPE 15 F&L *			511.57		
77	200+40.29	25.23'R INLETS, TY B, TYPE 15 F&L	516.63	510.92	510.92		
78	200+73.90	31.00'L INLETS, TY A, TYPE 8 GRATE	514.75			512.92	
79	200+73.90	15.50'L INLETS, TY B, TYPE 15 F&L	516.54	510.87	510.87	512.76	
80	200+73.83	16.20'L INLETS, TY B, TYPE 15 F&L *	516.46	510.99	510.99	513.13	
81	200+73.90	26.29'R INLETS, TY A, TYPE 8 GRATE	515.06			513.23	
82	202+16.77	31.00'L INLETS, TY A, TYPE 8 GRATE	514.71			512.83	
83	202+16.77	15.50'L INLETS, TY B, TYPE 15 F&L *	516.18	511.18	511.18	512.67	
84	202+16.45	15.50'R INLETS, TY B, TYPE 15 F&L *	516.18	511.29	511.29	512.74	
85	202+16.45	26.42'R INLETS, TY A, TYPE 8 GRATE	514.68			512.85	
86	203+14.40	15.50'R INLETS, TY B, TYPE 15 F&L *	516.36	511.49	511.49	513.06	
	203+14.40	30.00'R END OF PIPE 102			513.20		
87	203+18.87	28.50'L INLETS, TY A, TYPE 8 GRATE	515.48			513.64	
88	203+23.38	15.50'L INLETS, TY B, TYPE 15 F&L *	516.36	511.42	511.42	513.51	
89	204+12.88	27.50'L INLETS, TY A, TYPE 8 GRATE	515.22			513.39	
90	204+12.88	15.50'L INLETS, TY B, TYPE 15 F&L *	516.15	511.62	511.62	513.27	
91	204+55.63	15.50'R INLETS, TY B, TYPE 15 F&L *	516.02	511.79	511.79	513.19	
92	204+55.63	28.50'R INLETS, TY A, TYPE 8 GRATE	515.25	513.74			513.42
93	204+60.88	27.50'L INLETS, TY A, TYPE 8 GRATE	514.75			512.92	
94	204+60.88	15.50'L INLETS, TY B, TYPE 15 F&L *	516.01	511.72	511.72	512.80	
95	206+14.04	25.22'L INLETS, TY A, TYPE 8 GRATE	515.05			513.22	
96	206+14.04	15.50'L INLETS, TY B, TYPE 15 F&L *	515.61	512.06	512.06	512.78	
97	206+14.04	16.00'R INLET SPECIAL, NO. 1 (3'X3')	515.61	512.11	512.11		
98	206+61.04	16.00'R INLET SPECIAL, NO. 1 (3'X3')	515.68	512.21	51		

PAVEMENT MARKING SCHEDULE

LOCATION	THERMOPLASTIC PAVEMENT MARKINGS												POLYUREA PAVEMENT MARKINGS TYPE I	
	SOLID WHITE 4" LANE LINE	SOLID YELLOW 4" LANE LINE	YELLOW SKIP DASH 4" LANE LINE	WHITE SKIP DASH 4" LANE LINE	SOLID DOUBLE YELLOW 4" LANE LINE	SOLID WHITE 6" CROSSWALK LINE	SOLID YELLOW 12" DIAGONAL LINE	SOLID WHITE 12" CROSSWALK LINE	SOLID WHITE 12" BAR	SOLID WHITE 24" BAR	SOLID WHITE TURN ARROW	SHORT TERM PAVEMENT MARKING	SOLID WHITE 6" CROSSWALK LINE	SOLID WHITE 12" BAR
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ. FT.	FOOT	FOOT	FOOT
CALUMET STREET (STA. 10+44 TO 79+01.78)														
STA. 10+38 TO STA. 10+52, C								74						
STA. 10+65, LT.									15					
STA. 10+65 TO STA. 14+49, C					769						36			
STA. 14+49, RT.									15					
STA. 14+54 TO STA. 14+60, C								65						
STA. 14+60 TO STA. 15+21, LT.								110						
STA. 14+68 TO STA. 15+28, RT.								108	46					
STA. 15+27, LT.									17					
STA. 15+27 TO STA. 26+02, C					2150						100			
STA. 25+53 TO STA. 25+93, RT.												78	18	
STA. 26+02 TO STA. 26+08, C								40						
STA. 26+08 TO STA. 38+30, C					2443						112			
STA. 38+30, LT.														
STA. 38+35 TO STA. 38+41, C						51				11				
STA. 38+47 TO STA. 39+07, LT.						106			16					
STA. 39+04 TO STA. 39+55, RT.						92			16					
STA. 39+28, LT.									16					
STA. 39+28 TO STA. 41+25, C					394							20		
STA. 41+25 TO STA. 52+03, C			260								100			
STA. 42+22 TO STA. 42+87, LT.						112		19						
STA. 45+36 TO STA. 46+00, LT.						112		19						
STA. 50+00 TO STA. 52+03, C		203												
STA. 52+03 TO STA. 52+88, LT. & RT.									52					
STA. 52+04 TO STA. 52+74, LT.						123		22						
STA. 52+88 TO STA. 54+88, C		200												
STA. 52+88 TO STA. 79+01.78, C			650								240			
STA. 62+52 TO STA. 63+16, LT.						112		20						
STA. 65+42 TO STA. 66+11, LT.						124		22						
STA. 68+49 TO STA. 69+12, LT.						108								19
STA. 71+39 TO STA. 72+02, LT.						109								19
STA. 74+34 TO STA. 74+99, LT.						112								19
STA. 77+33 TO STA. 77+85, LT.												93	16	
SUBTOTAL CALUMET STREET (STA. 10+44 TO 79+01.78)		403	910		5756	1161		499	111	93		608	171	91
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)														
STA. 300+34 TO STA. 300+40, C						56								
STA. 300+42 TO STA. 300+56, LT.									14					
STA. 300+62 TO STA. 300+93, RT.						59			11					
STA. 305+94 TO STA. 306+30, RT.						59			10					
SUBTOTAL LINCOLN BOULEVARD						174			35					
CALUMET STREET (79+01.78 TO 119+93.01)														
STA. 79+01.78 TO STA. 92+00, C			320								120			
STA. 83+12 TO STA. 83+55, LT.												75	16	
STA. 85+80 TO STA. 86+24, LT.												78	17	
STA. 88+50 TO STA. 88+87, LT.												65	14	
STA. 92+00 TO STA. 97+23, C					1046						48			
STA. 96+08 TO STA. 96+64, LT.												95	30	
STA. 97+23 TO STA. 100+41, C					1179	81					32			
STA. 100+41 TO STA. 105+07, LT./RT. & C	466				932					46.8	44			
STA. 101+57 TO STA. 102+08, LT.												87		
STA. 104+80 TO STA. 105+72, LT.												168	35	
STA. 105+50 TO STA. 108+13, C					1031	81					24			
STA. 108+13 TO STA. 118+48, C					2070						96			
STA. 118+48, RT.									17					
STA. 119+44, LT.									15					
SUBTOTAL CALUMET STREET (79+01.78 TO 119+93.01)	466		320		6258		162		32	46.8	364	568	112	
AIRPORT ROAD (199+33.43 TO 226+22.77)														
STA. 199+60, RT.									17					
STA. 200+40, LT.									20					
STA. 200+40 TO STA. 226+03, C					5124						236			
STA. 214+74 TO STA. 215+13, LT.						68			11					
STA. 215+25 TO STA. 216+40, LT.	115									31.2				
STA. 216+40 TO STA. 217+76, LT.				34										
STA. 219+66 TO STA. 220+19, LT.						92			15					
STA. 222+24 TO STA. 222+62, LT.						66			12					
STA. 226+03 TO STA. 227+02, LT./RT. & C								505		112				
SUBTOTAL AIRPORT ROAD	115			34	5124	226		505	75	112	31.2	236		
TOTAL	581	403	1230	34	17138	1561	162	1004	253	205	78.0	1208	739	203

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	11
FEDERAL AID PROJECT		CONTRACT 97522		

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	12
FEDERAL AID PROJECT		CONTRACT 97522		

DRAINAGE REMOVAL SCHEDULE

LOCATION	DESCRIPTION	PIPE CULVERT REMOVAL	REMOVING INLETS	REMOVAL OF EXISTING STRUCTURES	TRENCH BACKFILL
		FOOT	EACH	EACH	CU YD
CALUMET STREET (79+01.78 TO 119+93.01)					
STA. 79+19, LT.	24" RCCP	7			
STA. 79+73, RT.	12" CMP	25			
STA. 80+42, RT.	15" CPP	21			
STA. 80+85, LT.	24" CMP	24			
STA. 81+75, LT.	24" CMP	24			
STA. 82+29, RT.	21" RCCP	21			
STA. 83+11, LT.	EXISTING INLET		1		
STA. 83+35, LT.	18" RCCP	144			
STA. 83+57, LT.	EXISTING INLET		1		
STA. 84+25, RT.	15" RCCP	27			
STA. 85+33, LT.	15" PVC	115			
STA. 85+80, LT.	EXISTING INLET		1		
STA. 86+01, RT.	18" RCCP	24			
STA. 86+03, LT.	18" RCCP	112			
STA. 86+25, LT.	EXISTING INLET		1		
STA. 87+34, LT.	8" CPP	11			
STA. 87+42, RT.	18" RCCP	38			
STA. 87+61, RT.	EXISTING INLET		1		
STA. 87+92, RT.	18" RCCP	56			
STA. 88+22, RT.	EXISTING INLET		1		
STA. 88+49, LT.	EXISTING INLET		1		
STA. 88+67, RT.	18" RCCP	82			15
STA. 88+70, LT.	18" RCCP	145			27
STA. 88+88, LT.	EXISTING INLET		1		
STA. 89+09, RT.	EXISTING INLET		1		
STA. 89+32, RT.	18" RCCP	44			
STA. 89+56, RT.	EXISTING INLET		1		
STA. 89+81, RT.	18" RCCP	47			
STA. 90+05, RT.	EXISTING INLET		1		
STA. 90+37, RT.	18" RCCP	59			
STA. 91+71, LT.	24" IRON	38			
STA. 91+91, RT.	18" RCCP	24			4
STA. 91+97, LT.	18" RCCP	32			
STA. 92+22, C	30" RCCP	25			10
STA. 93+19, LT.	12" CMP	31			
STA. 94+96, LT.	12" CMP	21			
STA. 95+25, LT.	12" CMP	25			
STA. 96+36, LT.	15" RCCP	117			22
STA. 98+45, RT.	12" RCCP	36			7
STA. 101+82, LT.	18" RCCP	126			23
STA. 105+33, LT.	15" RCCP	189			35
STA. 106+18, RT.	30" RCCP	25			8
STA. 108+77, LT.	8" RCCP	29			
STA. 110+71, C	78"X48" CMP			1 (NO. 1)	
STA. 110+74, LT.	18" RCCP	7			
STA. 113+64, LT.	15" RCCP	33			
STA. 113+75, RT.	48" IRON			1 (NO. 2)	
STA. 114+79, RT.	60" IRON			1 (NO. 3)	
STA. 115+12, LT.	15" RCCP	46			
STA. 116+13, RT.	60" RCCP			1 (NO. 4)	
STA. 117+54, RT.	36" RCCP	237			
STA. 118+95, RT.	52"X30" CMP	39			
STA. 119+00, LT.	15" RCCP	41			8
STA. 119+41, RT.	30" RCCP	9			
STA. 119+91, RT.	30" RCCP	5			
SUBTOTAL		2161	11	1 (NO. 1, 2, 3 & 4)	159

DRAINAGE REMOVAL SCHEDULE

LOCATION	DESCRIPTION	PIPE CULVERT REMOVAL	REMOVING INLETS	REMOVAL OF EXISTING STRUCTURES	TRENCH BACKFILL
		FOOT	EACH	EACH	CU YD
AIRPORT ROAD (199+33.43 TO 226+22.77)					
STA. 200+00, RT.	18" CPP	41			8
STA. 201+93, RT.	15" CMP	41			
STA. 202+67, RT.	15" RCCP	85			
STA. 203+01, LT.	24" CMP	24			
STA. 203+74, RT.	15" RCCP	56			
STA. 204+37, LT.	18" PVC	40			
STA. 204+81, RT.	15" RCCP	48			
STA. 208+32, RT.	18" CMP	58			
STA. 208+90, LT.	8" CMP	32			
STA. 209+76, RT.	18" CMP	57			
STA. 211+04, RT.	8" PVC	8			
STA. 211+64, RT.	8" PVC	12			
STA. 211+83, LT.	12" RCCP	21			
STA. 211+84, RT.	12" RCCP	17			
STA. 212+87, RT.	12" RCCP	26			
STA. 213+19, LT.	12" RCCP	22			
STA. 214+16, LT.	12" RCCP	25			
STA. 214+32, RT.	24" CMP	50			
STA. 214+88, LT.	15" RCCP	85			16
STA. 216+33, RT.	20" RCCP	48			
STA. 216+70, LT.	12" RCCP	18			3
STA. 218+54, LT.	12" RCCP	21			
STA. 218+91, LT.	12" RCCP	16			
STA. 219+35, RT.	20" RCCP	47			
STA. 219+92, LT.	15" RCCP	41			
STA. 220+14, LT.	EXISTING INLET		1		
STA. 220+53, RT.	15" CMP	56			
STA. 221+85, LT.	15" RCCP	58			
STA. 222+26, LT.	EXISTING INLET		1		
STA. 222+36, RT.	15" RCCP	54			
STA. 222+43, LT.	12" CMP	40			
STA. 223+12, RT.	18" RCCP	45			
STA. 223+29, RT.	EXISTING INLET		1		
STA. 223+70, RT.	15" RCCP	78			
STA. 224+72, RT.	15" RCCP	41			
STA. 225+52, RT.	18" CMP	42			
SUBTOTAL		1353	3	0	27

DRAINAGE REMOVAL SCHEDULE

LOCATION	DESCRIPTION	PIPE CULVERT REMOVAL	REMOVING INLETS	REMOVAL OF EXISTING STRUCTURES	TRENCH BACKFILL
		FOOT	EACH	EACH	CU YD
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)					
STA. 299+35, LT.	18" RCCP	12			
STA. 299+81, LT.	18" RCCP	55			
STA. 300+08, LT.	EXISTING INLET		1		
STA. 300+22, RT.	18" RCCP	22			
STA. 300+56, LT.	15" RCCP	91			17
STA. 300+63, RT.	8" CLAY/12" RCCP	27			
STA. 300+76, RT.	18" RCCP	48			9
STA. 301+02, LT.	EXISTING INLET		1		
STA. 301+43, LT.	15" RCCP	81			15
STA. 301+57, RT.	8" CPP	118			
STA. 301+85, LT.	EXISTING INLET		1		
STA. 302+14, RT.	EXISTING INLET		1		
STA. 302+39, LT.	15" RCCP	108			20
STA. 302+63, RT.	12" CPP	96			18
STA. 303+13, RT.	EXISTING INLET		1		
STA. 303+27, LT.	8" CMP	40			7
STA. 303+47, RT.	18" RCCP	66			
STA. 303+98, RT.	15" RCCP	25			
STA. 305+08, RT.	18" RCCP	20			
STA. 305+63, RT.	15" RCCP	4			
STA. 305+75, LT.	12" STEEL/8" CPP	48			9
STA. 306+13, RT.	8" RCCP	41			
STA. 306+72, LT.	12" CPP	12			2
STA. 307+39, LT.	12" CLAY	34			6
STA. 307+51, RT.	12" RCCP	44			
STA. 307+74, RT.	EXISTING INLET		1		
STA. 307+90, RT.	12" RCCP	26			
STA. 308+56, RT.	12" CMP	19			
STA. 309+30, RT.	12" RCCP	32			
STA. 309+57, RT.	12" CPP	45			
STA. 310+43, LT.	12" RCCP	21			4
STA. 310+71, RT.	12" RCCP	118			
STA. 311+24, LT.	8" CLAY	21			
STA. 311+30, RT.	EXISTING INLET		1		
STA. 311+60, RT.	12" RCCP	68			
STA. 312+01, RT.	EXISTING INLET		1		
STA. 312+20, RT.	12" RCCP	35			
STA. 312+33, LT.	12" RCCP	83			
STA. 312+39, RT.	EXISTING INLET		1		
STA. 312+50, RT.	12" RCCP	44			
STA. 312+79, LT.	EXISTING INLET		1		
STA. 312+85, RT.	EXISTING INLET		1		
STA. 313+12, RT.	12" RCCP	52			
STA. 313+39, RT.	EXISTING INLET		1		
STA. 313+79, RT.	14"X23" RCCP	3			
SUBTOTAL		1559	12	0	107

DRAINAGE REMOVAL SUMMARY

LOCATION	PIPE CULVERT REMOVAL	REMOVING INLETS	REMOVAL OF EXISTING STRUCTURES	TRENCH BACKFILL
	FOOT	EACH	EACH	CU YD
SUBTOTAL CALUMET (STA. 10+44 TO 79+01.78)	0	0	0	0
SUBTOTAL CALUMET (79+01.78 TO 119+93.01)	2161	11	1 (NO. 1, 2, 3 & 4)	159
SUBTOTAL AIRPORT ROAD (199+33.43 TO 226+22.77)	1353	3	0	27
SUBTOTAL LINCOLN BOULEVARD (300+09.67 TO 313+75.56)	1559	12	0	107
TOTAL	5073	26	1 (NO. 1, 2, 3 & 4)	293

TRENCH BACKFILL SCHEDULE

LOCATION	TRENCH BACKFILL
	CU YD
CALUMET STREET (STA. 10+44 TO 79+01.78)	
STORM SEWER SCHEDULE	0
DRAINAGE REMOVAL SCHEDULE	0
CALUMET STREET (79+01.78 TO 119+93.01)	
STORM SEWER SCHEDULE	2,408
DRAINAGE REMOVAL SCHEDULE	159
AIRPORT ROAD (199+33.43 TO 226+22.77)	
STORM SEWER SCHEDULE	599
DRAINAGE REMOVAL SCHEDULE	27
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)	
STORM SEWER SCHEDULE	327
DRAINAGE REMOVAL SCHEDULE	107
CALUMET STREET (STA. 10+44 TO 79+01.78)	
CALUMET STREET (79+01.78 TO 119+93.01)	2,567
AIRPORT ROAD (199+33.43 TO 226+22.77)	626
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)	434
TOTAL	3,627

ENTRANCE / SIDEROAD SCHEDULE

STATION	EXISTING SURFACE	TYPE	"L"	"W"	DRIVEWAY PAVMT REMOVAL SQ. YD.	PAVEMENT REMOVAL SQ. YD.	INCIDENTAL HOT-MIX ASPHALT SURFACING TON (3')	AGG. BASE COURSE, TY B, 8" TON	PCC DRIVEWAY PAVEMENT, 6" SQ. YD.	PCC PAVEMENT (JOINTED), 6" SQ. YD.	PAVEMENT FABRIC SQ. YD.	SUBBASE GRANULAR MATERIAL, TYPE B 4" SQ. YD.	AGG. SURFACE COURSE, TY B, 6" TON	COMMENTS
			FOOT	FOOT										
ELM TO LINCOLN BLVD.														
10+28.52, RT.	CONCRETE	C.E.			8.4									CONCRETE PARKING LOT
17+14.81, RT.	AGGREGATE	S.R.	6.0	14.6										ALLEY
17+30.95, RT.	AGGREGATE	P.E.	6.0	16.5			1.6	4.3						
19+04.47, RT.	OIL & CHIP	S.R.	6.0	25.7			1.8	4.9						
19+08.69, LT.	CONCRETE/O & C	S.R.	6.2	49.3	52.8		3.8	10.0						MAPLE STREET
20+71.61, LT.	CONCRETE/AGG.	S.R.	7.4	25.8	36.3				29.3		40.8	40.8	40.8	MAPLE STREET
21+82.64, LT.	CONCRETE/AGG.	S.R.	7.4	24.6	35.0				28.0					ALLEY
23+34.36, RT.	OIL & CHIP	S.R.	6.0	27.9			3.8	10.0						ALLEY
23+51.00, LT.	CONCRETE/O & C	S.R.	7.4	50.2	61.8					49.4	49.4	49.4		SYCAMORE STREET
25+69.31, LT.	CONCRETE/AGG.	S.R.	8.2	29.5	43.7				35.9					SYCAMORE STREET
25+72.73, RT.	CONCRETE	S.R.	13.5	40.7			4.3**							ALLEY
26+24.77, RT.	CONCRETE	P.E.	11.8	22.1	54.1				39.6					PINE STREET
27+94.22, LT.	CONCRETE/O & C	S.R.	8.3	41.3	64.3					47.1	47.1	47.1		PINE STREET
30+13.21, LT.	CONCRETE/AGG.	S.R.	8.3	25.4	42.1				32.3					ALLEY
31+08.19, RT.	HOT-MIX ASPHALT	P.E.	11.5	12.5	20.2				22.9					
32+33.21, LT.	CONCRETE/O & C	S.R.	8.2	51.1	69.1					55.1	55.1	55.1		CEDAR STREET
32+46.63, RT.	HOT-MIX ASPHALT	P.E.	11.3	17.2	27.0				28.8					
34+90.00, LT.	CONCRETE/AGG.	S.R.	8.8	31.6	48.4				40.2					ALLEY
34+77.36, RT.	CONCRETE	P.E.	11.5	12.0	16.4				22.3					
36+74.80, LT.	CONCRETE	S.R.	9.3	49.4	75.5					60.9	60.9	60.9		SHORT STREET
SUBTOTAL ELM TO LINCOLN BLVD.					655.1	0.0	15.3	29.2	279.3	253.3	253.3	253.3	0.0	
CALUMET STREET (79+01.78 TO 119+93.01)														
79+18.85, LT.	CONCRETE/AGG.	P.E.	12.9	12.0	2.6				26.3					
79+72.88, RT.	ASPHALT	P.E.	6.0	15.3	23.7				16.6					
80+41.85, RT.	ASPHALT	P.E.	11.2	13.8	27.2		1.3	3.5	13.0					
80+84.70, LT.	AGG./CONCRETE	P.E.	15.3	12.0					29.3					
81+75.20, LT.	CONCRETE/HMA	P.E.	21.5	20.0	66.9				57.8					
82+28.75, RT.	AGG./CONCRETE	S.R.	13.3	16.0					27.6					
83+34.64, LT.	CONCRETE	S.R.	*20.3	30.7		144.4				77.0	77.0	77.0		CALUMET ESTATES DRIVE
84+24.79, RT.	CONCRETE	P.E.	13.3	17.7	43.0				29.9					BRIARWOOD DRIVE
85+33.27, LT.	CONCRETE/AGG.	P.E.	13.6	30.1	20.6				54.8					
86+01.05, RT.	AGGREGATE	P.E.	13.2	14.4					13.6				3.9	
86+02.79, LT.	CONCRETE	S.R.	*10.1	30.7		98.5				45.3	45.3	45.3		TRACY TERRACE
88+67.43, RT.	CONCRETE	S.R.	*24.1	38.8		194.4				167.5	167.5	167.5		PINE HURST PLACE
88+69.86, LT.	CONCRETE	S.R.	*18.4	26.8		103.7				62.5	62.5	62.5		KRISTY DRIVE
90+52.85, RT.	AGGREGATE	P.E.	10.9	12.0					12.0				2.0	
91+90.75, RT.	CONCRETE/AGG.	P.E.	9.5	12.0					16.7					
91+96.88, LT.	CONCRETE	P.E.	9.9	19.9					31.0					
93+19.45, LT.	CONCRETE/AGG.	P.E.	12.8	17.9					34.7					
94+95.56, LT.	TURF	P.E.	7.0	12.0					6.7					
95+25.30, LT.	CONCRETE/AGG.	P.E.	9.2	19.7	14.2				29.4					
96+36.30, LT.	CONCRETE	C.E.	*9.8	22.2	109.4					54.3	54.3	54.3		WESTERN HIGH SCHOOL ENT.
98+44.95, RT.	TURF	F.E.	4.6	30.2					13.4					
101+82.46, LT.	CONCRETE	C.E.	*11.3	22.1		138.2				55.3	55.3	55.3		MIDDLE HIGH SCHOOL ENT.
105+18.45, LT.	CONCRETE	C.E.	*10.0	22.3		118.1				54.9	54.9	54.9		WEST 1/2 OF EAST H.S. ENT.
105+47.35, LT.	CONCRETE	C.E.	*10.0	22.3		118.1				54.9	54.9	54.9		EAST 1/2 OF EAST H.S. ENT.
106+18.43, RT.	AGGREGATE	F.E.	14.8	30.0					24.0				9.9	
108+77.47, LT.	AGGREGATE	P.E.	7.0	12.0					18.7					
113+63.51, LT.	CONCRETE/AGG.	C.E.	17.3	24.0					55.4					WEST CHRISTIAN CHURCH ENT.
113+75.28, RT.	CONCRETE/HMA	P.E.	19.0	12.0	48.9				29.3					
114+79.44, RT.	CONCRETE/HMA	P.E.	15.7	14.6	39.5				32.0					
115+11.12, LT.	ASPHALT	C.E.	13.5	33.1	75.4		4.0	10.5	35.1					EAST CHRISTIAN CHURCH ENT.
116+13.02, RT.	CONCRETE	C.E.	9.2	22.1	48.2				26.5					MORMON CHURCH ENT.
SUBTOTAL CALUMET STREET (79+01.78 TO 119+93.01)					519.6	915.4	5.3	14.0	633.8	571.7	571.7	571.7	15.8	
AIRPORT ROAD (199+33.43 TO 226+22.77)														
201+93.13, RT.	AGGREGATE	C.E.	6.0	26.2					21.5					
202+66.88, RT.	AGGREGATE	C.E.	14.6	35.0					27.3				11.0	CREATIVE MATERIAL CONTROL
203+01.10, LT.	ASPHALT	C.E.	12.4	24.0	43.7		2.5	6.6	28.0					CENTRAL INDUSTRIAL POWDER COATING
203+73.73, RT.	ASPHALT	C.E.	15.1	24.6	64.3				61.0					SOUTH CHRISTIAN CHURCH ENT.
204+36.85, LT.	AGGREGATE	C.E.	12.3	27.5					30.7					FOWLER LEASING COMPANY***
204+80.60, RT.	AGGREGATE	C.E.	8.6	26.0					21.8				5.5	NORTH CHRISTIAN CHURCH ENT.
208+32.38, RT.	CONCRETE	C.E.	15.1	30.0	62.8				70.2				2.6	E. H. & K. OIL COMPANY
208+90.39, LT.	OIL AND CHIP	S.R.	16.9	15.7	49.8		2.9	7.8	21.6					SOUTH ORCHARDVILLE CHURCH***
209+76.38, RT.	CONCRETE	C.E.	22.1	27.9	89.2				89.1					AGAPE LANE
211+82.57, LT.	TURF	F.E.	7.0	18.4					14.3					NORTH ORCHARDVILLE CHURCH***
211+84.12, RT.	AGGREGATE	P.E.	6.0	12.0					12.0					
212+86.50, RT.	AGGREGATE	P.E.	6.0	12.0					12.0					
213+19.15, LT.	AGGREGATE	P.E.	9.0	12.0					20.5				1.0	
214+16.11, LT.	ASPHALT	P.E.	15.1	20.5	41.3		2.9	7.7	25.3					
214+32.32, RT.	AGGREGATE	C.E.	15.3	35.0					63.0					
214+88.03, LT.	ASPHALT	S.R.	*31.0	24.0		149.3	38.3	48.3						SOUTH ELEMENTARY ENT.
216+33.33, RT.	AGGREGATE	C.E.	9.6	35.0					41.4					HIGH SCHOOL ACCESS
216+70.11, LT.	TURF	F.E.	7.0	16.0					12.4					MIDDLE ELEMENTARY ENT.
218+53.93, LT.	ASPHALT	P.E.	15.3	12.0	21.5		1.6	4.0	18.6					
218+90.57, LT.	TURF	F.E.	7.0	16.0					12.4					
219+34.61, RT.	AGGREGATE	C.E.	9.1	30.0					37.1					
219+92.32, LT.	ASPHALT	S.R.	*26.0	24.0		95.2	33.9	44.8						NORTH ELEMENTARY ENT.
220+53.16, RT.	CONCRETE	C.E.	15.4	35.0	59.7				79.4					BONANZA DRIVE
221+84.73, LT.	CONCRETE	P.E.	16.0	18.2	38.4				40.3					1ST KASKASKIA COLLEGE ENT.
222+35.79, RT.	CONCRETE	C.E.	15.4	26.6	53.6				56.7					
222+42.71, LT.	ASPHALT	S.R.	*16.9	24.4		60.7	19.4	25.6						2ND KASKASKIA COLLEGE ENT.
223+11.54, RT.	CONCRETE	C.E.	15.5	22.8	46.0				42.3					CESSNA DRIVE
223+79.94, RT.	CONCRETE	C.E.	21.9	35.0	133.1				89.0					3RD KASKASKIA COLLEGE ENT.
224+71.89, RT.	CONCRETE	C.E.	11.0	29.3	47.3				37.9					4TH KASKASKIA COLLEGE ENT. (NO FLARES)
225+52.18, RT.	CONCRETE	C.E.	15.0	24.0	52.2				41.2					5TH KASKASKIA COLLEGE ENT.
SUBTOTAL AIRPORT ROAD (199+33.43 TO 226+22.77)					802.9	305.2	99.5	144.8	1027.0	0.0	0.0	0.0	20.1	6TH KASKASKIA COLLEGE ENT.

* LIMITS OF FROM E.O.P. TO LIMITS OF CONSTRUCTION
 ** FEATHEREDGE, SEE DETAIL SHEET 106
 *** SEE SPECIAL DETAIL SHEET 103

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	13
FEDERAL AID PROJECT		CONTRACT 97522		

ADJUSTMENT SCHEDULE

LOCATION	WATER VALVES TO BE ADJUSTED	MANHOLE TO BE ADJUSTED	INLETS TO BE ADJUSTED	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME & GRATE	INLETS TO BE ADJUSTED WITH FRAME & GRATE (SPECIAL)
	EACH	EACH	EACH	EACH	EACH	EACH
CALUMET STREET (STA. 10+44 TO STA. 79+01.78)						
STA. 12+33, 4' LT.	1					
STA. 12+38, 12' RT.		1				
STA. 12+46, 3' LT.		1				
STA. 12+50, 2' LT.	1					
STA. 12+71, 14' LT.		1				
STA. 12+82, 2' LT.	1					
STA. 13+82, 13' RT.		1				
STA. 16+63, 5' RT.		1				
STA. 17+15, 5' RT.		1				
STA. 17+40, 11' LT. & RT.					2	
STA. 19+47, 11' LT. & RT.					2	
STA. 21+06, 11' LT.					1	

ENTRANCE / SIDEROAD SCHEDULE

STATION	EXISTING SURFACE	TYPE	"L"	"W"	DRIVEWAY PAV'T	PAVEMENT	INCIDENTAL HOT-MIX	AGG. BASE	PCC DRIVEWAY	PCC PAVEMENT	PAVEMENT	SUBBASE GRANULAR	AGG. SURFACE	COMMENTS
			FOOT	FOOT	REMOVAL	REMOVAL	ASPHALT SURFACING	COURSE, TY B, 8"	PAVEMENT, 6"	(JOINTED), 6"	FABRIC	MATERIAL, TYPE B 4"	COURSE, TY B, 6"	
			SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)														
299+35.23, LT.	AGGREGATE	P.E.	19.9	12.0									9.8	
300+21.87, RT.	CONCRETE/AGG.	P.E.	17.4	16.4	11.6				34.1					
300+56.04, LT.	OIL AND CHIP	S.R.	*28.2	28.1			40.5	53.5						EAST 13TH STREET
300+76.07, RT.	OIL AND CHIP	S.R.	*27.9	21.4			35.2	46.1						EAST 13TH STREET
ENT. ON 13TH ST.														
301+57.31, RT.	CONCRETE/AGG.	P.E.	6.0	19.1	9.8				18.1					
301+94.33, LT.	ASPHALT	P.E.	6.0	12.0										
302+22.41, LT.	CONCRETE	P.E.	6.0	19.8	9.4									FLARES REDUCED TO AVOID POWER POLE
302+25.70, RT.	CONCRETE/AGG.	P.E.	12.6	16.0	8.7									CURB TO REMAIN DEPRESSED TO NEXT DRIVE
302+50.04, RT.	CONCRETE/AGG.	P.E.	12.5	18.0	16.0									CURB TO REMAIN DEPRESSED FROM PREVIOUS DRIVE
302+83.89, LT.	ASPHALT/AGG.	P.E.	6.0	12.0	14.8									
303+22.08, RT.	AGGREGATE	P.E.	12.3	12.0									2.8	
303+27.25, LT.	CONCRETE/AGG.	P.E.	6.0	20.0										
303+65.25, RT.	OIL AND CHIP	P.E.	12.1	22.0			2.6	6.7						CURB TO REMAIN DEPRESSED TO NEXT DRIVE
304+00.00, RT.	CONCRETE/AGG.	P.E.	9.3	23.9	10.7									CURB TO REMAIN DEPRESSED FROM PREVIOUS DRIVE
305+08.42, RT.	AGGREGATE	P.E.	11.9	12.0									2.3	
305+75.35, LT.	CONCRETE/AGG.	P.E.	6.0	13.3	0.9									
306+12.53, RT.	OIL AND CHIP	S.R.	*16.6	20.0			16.4	21.7						MITCHELL AVENUE
307+39.11, LT.	AGGREGATE	P.E.	6.0	12.0					12.0					
307+90.25, RT.	AGGREGATE	P.E.	10.9	18.5									3.4	
308+56.04, RT.	AGGREGATE	P.E.	10.9	12.0					13.3				2.0	
309+29.68, RT.	AGGREGATE	P.E.	10.9	17.2					18.3				3.1	CURB TO REMAIN DEPRESSED TO NEXT DRIVE
309+56.74, RT.	AGGREGATE	P.E.	10.9	12.0					14.8				2.0	CURB TO REMAIN DEPRESSED FROM PREVIOUS DRIVE
310+43.39, LT.	CONCRETE	P.E.	10.6	12.0	0.5				17.3					
311+24.36, LT.	AGGREGATE	P.E.	6.6	16.5					17.6					
311+60.15, RT.	ASPHALT	P.E.	5.6	39.6	33.0				18.8					NO DRIVEWAY FLARES
312+33.32, LT.	AGGREGATE	P.E.	8.9	12.0					14.0					
312+49.94, RT.	ASPHALT	P.E.	7.7	12.4	16.4		0.8	2.2	9.1					
PARKING AREA, LT.							23.0	30.4						
SUBTOTAL LINCOLN BOULEVARD (300+09.67 TO 313+75.56)					149.1	0.0	118.5	160.6	404.5	0.0	0.0	0.0	32.2	
TOTAL					2126.7	1220.6	238.6	348.6	2344.6	825.0	825.0	825.0	68.1	

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
B602 B620 B617	09-00097-00-PV	MARION	151	14
FEDERAL AID PROJECT		CONTRACT 97522		

* LIMITS OF FROM E.O.P. TO LIMITS OF CONSTRUCTION

SIGN SCHEDULE

LOCATION	LT/RT	PROPOSED OFFSET (FOOT)	SIGN PANEL-- TYPE 1 (SQ. FT.)	METAL POST-- TYPE A (FOOT)	METAL POST-- TYPE B (FOOT)	DESCRIPTION
CALUMET STREET (STA 10+44 TO 79+01.78)						
STA 23+54	RT	19.00	6.25		13.5	R1-1 (3030)
STA 36+47	LT	31.50	6.25		13.5	R1-1 (3030)
STA 37+04	RT	14.00	6.25		13.5	W3-1 (3030)
STA 38+35	RT	14.00	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 38+48	LT	36.75	0.75			R1-3P (1806)
STA 39+27	LT	18.50	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 39+48	RT	43.75	0.75			R1-3P (1806)
STA 39+70	RT	20.00	3.00/0.50		14.0	D11-1 (2418)/M4-14 (1206)
STA 40+34	LT	18.50			14.0	D11-1 (2418)/M4-6 (1206)
STA 40+80	LT	14.00	6.25		13.5	W3-1 (3030)
STA 42+29	RT	31.50	6.25		13.5	R1-1 (3030)
STA 50+65	LT	17.50	5.00		13.5	R2-1 (2430) 30 MPH
STA 52+02	RT	22.00	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 52+14	LT	31.75	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 52+75	RT	29.50	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 52+88	LT	18.00	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 62+26	LT	18.00	5.00		13.5	R2-1 (2430) 30 MPH
STA 63+40	RT	17.50	5.00		13.5	R2-1 (2430) 30 MPH
STA 65+54	LT	41.75	6.25		13.5	R1-1 (3030)
STA 79+00	LT	17.50	3.00	12.5		D11-1 (2418)
STA 79+00	RT	18.00	3.00	12.5		D11-1 (2418)
SUBTOTAL (STA 10+44 TO 79+01.78)			105.5	25	233.5	
CALUMET STREET (STA 79+01.78 TO 119+93.01)						
STA 88+52	LT	30.50	6.25		13.5	R1-1 (3030)
STA 89+23	LT	26.00	5.00		13.5	R2-1 (2430) 30 MPH
STA 114+33	LT	24.00	5.00		13.5	R2-1 (2430) 30 MPH
STA 118+25	LT	27.00	3.00/0.50		14.0	D11-1 (2418)/M4-14 (1206)
STA 118+25	RT	20.00	3.00/0.50		14.0	D11-1 (2418)/M4-6 (1206)
STA 118+45	RT	19.00	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 118+80	LT	46.00	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 119+19	RT	46.00	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
STA 119+45	LT	18.50	6.25/0.75		14.0	R1-1 (3030)/R1-3P (1806)
SUBTOTAL (STA 79+01.78 TO 119+93.01)			51.25	0	124.5	
AIRPORT ROAD (STA 199+33.43 TO 226+22.77)						
STA 201+39	LT	25.00	6.25		13.5	W3-1 (3030)
STA 203+00	LT	21.00	5.00		13.5	R2-1 (2430) 30 MPH
STA 212+00	LT	23.00	5.00		13.5	R2-1 (2430) 30 MPH
STA 216+00	LT	38.00	4.00		13.5	R100 (2424) RIGHT TURN LANE
SUBTOTAL (STA 199+33.43 TO 226+22.77)			20.25	0	67.5	
TOTAL			177	25	425.5	

MISCELLANEOUS REMOVAL SCHEDULE

LOCATION	PAVEMENT REMOVAL SQ. YD.	HMA SURFACE REMOVAL - BUTT JOINT SQ. YD.	P.C.C. SURFACE REMOVAL - BUTT JOINT SQ. YD.	HMA SURFACE REMOVAL - VARIABLE DEPTH SQ. YD.	CURB REMOVAL FOOT	CURB AND GUTTER REMOVAL FOOT	GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ. FT.	FENCE REMOVAL FOOT	PLUG EXISTING CULVERTS EACH
CALUMET STREET (STA. 10+44 TO STA. 79+01.78)										
STA. 10+04 TO 10+12, RT.						17				
STA. 10+05 TO 10+55, LT.								267		
STA. 10+43 TO 10+73, C		108								
STA. 12+34 TO 12+43, RT.								30		
STA. 12+68 TO 12+79, RT.								39		
STA. 13+27 TO 13+32, RT.								22		
STA. 13+81 TO 13+85, RT.								16		
STA. 14+39 TO 14+69, C		120								
STA. 14+51 TO 14+67, LT.						16		64		
STA. 14+53 TO 14+62, RT.						9				
STA. 14+53 TO 14+69, RT.								121		
STA. 15+11 TO 15+41, C		138								
STA. 15+36 TO 15+45, RT.							8			
STA. 15+50 TO 15+90, RT.								160		
STA. 16+90 TO 18+69, LT.								179		
STA. 16+90 TO 25+39, RT.								849		
STA. 17+22 TO 18+96, RT.								673		
STA. 19+14 TO 23+25, RT.								851		
STA. 19+46 TO 20+49, LT.								103		
STA. 21+00 TO 21+59, LT.								59		
STA. 22+09 TO 23+11, LT.								102		
STA. 23+45 TO 25+54, RT.								425		
STA. 23+89 TO 25+42, LT.								153		
STA. 25+39 TO 25+55, RT.					24					
STA. 23+45 TO 25+54, RT.								833		
STA. 25+41 TO 26+06, RT.			57							
STA. 25+95 TO 27+51, LT.							156			
STA. 26+03 TO 26+13, RT.								84		
STA. 26+36 TO 26+40, RT.								16		
STA. 26+44 TO 38+83, RT.								1239		
STA. 28+22 TO 28+28, RT.								69		
STA. 28+28 TO 29+82, LT.								154		
STA. 30+39 TO 31+89, LT.								150		
STA. 32+69 TO 34+19, LT.								150		
STA. 34+79 TO 36+29, LT.								150		
STA. 37+08 TO 38+20, LT.								112		
STA. 38+30 TO 38+99, LT.										
STA. 38+35 TO 38+39, LT.								33		
STA. 38+78 TO 38+98, RT.								90		
STA. 38+97 TO 39+06, LT.					10					
STA. 38+98 TO 39+13, LT.								48		
STA. 42+19 TO 42+30, LT.								29		
STA. 42+23 TO 42+30, LT.						9				
STA. 42+80 TO 42+87, LT.						8				
STA. 42+81 TO 42+91, LT.								25		
STA. 45+32 TO 45+42, LT.								29		
STA. 45+36 TO 45+42, LT.						9				
STA. 45+93 TO 45+96, LT.						8				
STA. 45+94 TO 46+06, LT.								38		
STA. 51+95 TO 52+85, LT.			149							
STA. 51+99 TO 52+11, LT.								36		
STA. 52+04 TO 52+12, LT.						9				
STA. 52+62 TO 52+74, LT.						16				
STA. 52+68 TO 52+87, LT.								58		
STA. 62+43 TO 62+57, LT.								48		
STA. 62+44 TO 63+25, LT.			85							
STA. 62+52 TO 62+58, LT.					8					
STA. 63+08 TO 63+16, LT.					10					
STA. 63+08 TO 63+19, LT.								31		
STA. 65+31 TO 66+21, LT.								57		
STA. 65+36 TO 65+49, LT.								99		
STA. 66+04 TO 66+11, LT.					8					
STA. 66+05 TO 66+17, LT.								30		
STA. 68+38 TO 69+23, LT.			65							
STA. 68+39 TO 68+55, LT.								53		
STA. 68+49 TO 68+56, LT.					9					
STA. 69+05 TO 69+12, LT.					9					
STA. 69+06 TO 69+17, LT.								31		
STA. 71+27 TO 72+12, LT.			64							
STA. 71+34 TO 71+46, LT.								36		
STA. 71+39 TO 71+47, LT.								10		
STA. 71+94 TO 72+02, LT.								10		
STA. 71+95 TO 72+06, LT.								31		
STA. 74+06 TO 74+42, LT.								113		
STA. 74+27 TO 75+09, LT.			62							
STA. 74+34 TO 74+43, LT.					10					
STA. 74+86 TO 75+07, LT.								80		
STA. 74+87 TO 74+99, LT.					16					
STA. 77+21 TO 77+34, LT.								44		
STA. 77+17 TO 77+99, LT.								35		
STA. 77+23 TO 77+35, LT.			31							
STA. 77+29 TO 77+38, LT.								12		
STA. 77+78 TO 77+88, LT.								12		
STA. 77+82 TO 77+94, LT.								35		
SUBTOTAL	0	482	612	0	207	42	3564	4680	0	0
CALUMET STREET (79+01.78 TO 119+93.01)										
STA. 83+00 TO 83+18, LT.						32				
STA. 83+49 TO 83+67, LT.						31				
STA. 85+45 TO 85+49, LT.								13		
STA. 85+67 TO 85+85, LT.						24				
STA. 85+78 TO 85+82, LT.								48		
STA. 86+20 TO 86+37, LT.						23				
STA. 88+16 TO 88+39, RT.						36				
STA. 88+40 TO 88+55, LT.						30				
STA. 88+82 TO 88+96, LT.						27				
STA. 88+89 TO 88+93, LT.								9		

MISCELLANEOUS REMOVAL SCHEDULE

LOCATION	PAVEMENT REMOVAL SQ. YD.	HMA SURFACE REMOVAL - BUTT JOINT SQ. YD.	P.C.C. SURFACE REMOVAL - BUTT JOINT SQ. YD.	HMA SURFACE REMOVAL - VARIABLE DEPTH SQ. YD.	CURB REMOVAL FOOT	CURB AND GUTTER REMOVAL FOOT	GUTTER REMOVAL FOOT	SIDEWALK REMOVAL SQ. FT.	FENCE REMOVAL FOOT	PLUG EXISTING CULVERTS EACH
CALUMET STREET (79+01.78 TO 119+93.01, CONTINUED)										
STA. 88+93 TO 89+15, RT.								37		
STA. 95+54 TO 95+93, LT.									39	
STA. 95+94 TO 96+17, LT.								26		
STA. 96+54 TO 96+98, LT.								26		
STA. 101+40 TO 101+67, LT.								31		
STA. 101+99 TO 102+25, LT.								30		
STA. 104+57 TO 104+89, LT.								34		
STA. 105+29 TO 105+36, LT.								23		
STA. 105+65 TO 105+89, LT.								27		
STA. 119+39, RT.										1
FROM ENTRANCE/SIDEROAD SCHEDULE	915									
SUBTOTAL	915	0	0	0	240	197	0	70	39	1
AIRPORT ROAD (199+33.43 TO 226+22.77)										
STA. 219+72 TO 219+81, LT.								24		
STA. 220+04 TO 220+14, LT.								23		
STA. 222+24 TO 222+31, LT.								14		
STA. 222+56 TO 222+64, LT.								17		
STA. 224+95 TO 226+23, C				546						
STA. 226+06 TO 226+15, LT.								36		
STA. 226+06 TO 226+14, RT.								32		
STA. 226+87 TO 227+01, LT.								105		
FROM ENTRANCE/SIDEROAD SCHEDULE	305									
SUBTOTAL	305	0	0	546	0	0	78	173	0	0
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)										
STA. 300+26 TO 300+42, LT.								33		
STA. 300+35 TO 300+37, LT.									38	
STA. 300+70 TO 300+87, LT.								33		
STA. 302+71 TO 302+79, LT.									34	
STA. 303+29 TO 303+54, RT.									25	
STA. 305+62 TO 305+64, RT.									33	
STA. 306+62 TO 306+64, RT.									8	
STA. 306+69 TO 306+76, LT.									36	
STA. 307+63 TO 307+67, RT.									25	
STA. 313+49 TO 313+75, RT.								45		
STA. 313+49 TO 313+81, C	153									
STA. 313+50 TO 313+83, LT.								48		
STA. 312+80, LT.										1
SUBTOTAL	153	0	0	0	93	66	0	174	25	1
TOTAL	1373	482	612	546	540	305	3642	5097	64	1

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	15
FEDERAL AID PROJECT		CONTRACT 97522		

CURB AND GUTTER SCHEDULE

LOCATION	COMBINATION CONCRETE C & G TY. B-6.12	COMB. CONC. C & G TY. B-6.12 (VWGF)	CONCRETE GUTTER TYPE B	CONCRETE CURB TYPE B	COMB. CONC. C & G TY. B (MODIFIED)
	FOOT	FOOT	FOOT	FOOT	FOOT
CALUMET (STA. 10+44 TO 79+01.78)					
STA. 10+04 TO 10+12 RT.	17				
STA. 14+51 TO 14+67 LT.	16				
STA. 14+53 TO 14+62 RT.	9				
STA. 15+36 TO 15+45 LT.			8		
STA. 16+90 TO 38+20 LT.					2130
STA. 16+90 TO 25+40 RT.					850
STA. 25+40 TO 25+55 RT.				24	
STA. 26+08 TO 38+83 RT.					1275
STA. 38+97 TO 39+06 LT.				10	
STA. 42+23 TO 42+30 LT.				9	
STA. 42+80 TO 42+87 LT.				8	
STA. 45+36 TO 45+42 LT.				9	
STA. 45+93 TO 45+96 LT.				8	
STA. 52+04 TO 52+12 LT.				9	
STA. 52+62 TO 52+74 LT.				16	
STA. 62+52 TO 62+58 LT.				8	
STA. 63+08 TO 63+16 LT.				10	
STA. 65+42 TO 65+49 LT.				9	
STA. 66+04 TO 66+11 LT.				8	
STA. 68+49 TO 68+56 LT.				9	
STA. 69+05 TO 69+12 LT.				9	
STA. 71+39 TO 71+47 LT.				10	
STA. 71+94 TO 72+02 LT.				10	
STA. 74+34 TO 74+43 LT.				10	
STA. 74+87 TO 74+99 LT.				16	
STA. 77+29 TO 77+38 LT.				12	
STA. 77+81 TO 77+88 LT.				8	
SUBTOTAL	42	0	8	212	4255
CALUMET STREET (79+01.78 TO 119+93.01)					
STA. 79+02 TO 83+19 LT.	430				
STA. 79+02 TO 88+44 RT.	951				
STA. 86+19 TO 88+56 LT.	251				
STA. 88+81 TO 96+17 LT.	747				
STA. 88+87 TO 118+85 RT.	3037				
STA. 96+55 TO 101+66 LT.	517				
STA. 102+00 TO 104+88 LT.	294				
STA. 105+29 TO 105+36 LT.	8				

PCC SIDEWALK SCHEDULE

LOCATION	P.C.C. SIDEWALK, 4"	P.C.C. SIDEWALK, 6"	DETECTABLE WARNINGS
	SQ FT	SQ FT	
CALUMET STREET (STA. 10+44 TO 79+01.78)			
STA. 10+05 TO 10+55 RT.	345		
STA. 10+13 RT.			8
STA. 10+40 RT.			8
STA. 12+34 TO 12+44 LT.	39		
STA. 12+43 RT.			8
STA. 12+67 TO 12+79 RT.	48		
STA. 12+68 RT.			8
STA. 13+26 TO 13+85 RT.	234		
STA. 14+36 TO 14+69 RT.	216		
STA. 14+56 RT.			8
STA. 14+66 RT.			8
STA. 14+47 TO 14+62 LT.	60		
STA. 14+58 LT.			18
STA. 15+50 TO 15+90 RT.	160		
STA. 17+07 TO 17+38 RT.		124	
STA. 17+38 TO 18+96 RT.	632		
STA. 18+82 LT.			8*
STA. 18+94 RT.			8
STA. 19+14 TO 20+19 RT.	416		
STA. 19+16 RT.			8
STA. 19+34 LT.			8*
STA. 20+19 TO 20+31 RT.		48	
STA. 20+31 TO 20+49 RT.	72		
STA. 20+49 TO 20+69 RT.		80	
STA. 20+69 TO 21+28 RT.	236		
STA. 21+28 TO 21+40 RT.		48	
STA. 21+40 TO 22+16 RT.	304		
STA. 22+16 TO 22+28 RT.		48	
STA. 22+28 TO 23+24 RT.	384		
STA. 23+22 LT.			8*
STA. 23+22 RT.			8
STA. 23+45 TO 25+54 RT.	836		
STA. 23+47 RT.			8
STA. 23+74 LT.			8*
STA. 25+52 RT.			8
STA. 26+04 TO 26+13 RT.	81		
STA. 26+06 RT.			8
STA. 26+13 TO 26+36 RT.		92	
STA. 26+36 TO 26+40 RT.	16		
STA. 27+71 LT.			8*
STA. 28+15 LT.			8*
STA. 31+02 TO 31+14 RT.		48	
STA. 32+03 LT.			8*
STA. 32+56 LT.			8*
STA. 36+41 LT.			8*
STA. 36+96 LT.			8*
STA. 38+34 TO 38+39 LT.	45		
STA. 38+37 LT.			8
STA. 38+98 TO 39+13 LT.	58		
STA. 39+02 LT.			12
STA. 42+19 TO 42+30 LT.	37		
STA. 42+27 LT.			9
STA. 42+81 TO 42+91 LT.	31		
STA. 42+84 LT.			9
STA. 45+32 TO 45+43 LT.	38		
STA. 45+40 LT.			9
STA. 45+94 TO 46+06 LT.	47		
STA. 45+97 LT.			10
STA. 51+99 TO 52+12 LT.	46		
STA. 52+08 LT.			10
STA. 52+68 TO 52+87 LT.	74		
STA. 52+71 LT.			9
STA. 62+43 TO 62+57 LT.	54		
STA. 62+52 LT.			8
STA. 63+08 TO 63+19 LT.	37		
STA. 63+12 LT.			11
STA. 65+36 TO 65+49 LT.	50		
STA. 65+45 LT.			13
STA. 66+05 TO 66+17 LT.	39		
STA. 66+08 LT.			9
STA. 68+39 TO 68+56 LT.	64		
STA. 68+52 LT.			10
STA. 69+06 TO 69+17 LT.	39		
STA. 69+09 LT.			9
STA. 71+39 TO 71+46 LT.	44		
STA. 71+43 LT.			11
STA. 71+95 TO 72+06 LT.	39		
STA. 71+98 LT.			10
STA. 74+06 TO 74+42 LT.	138		
STA. 74+37 LT.			12
STA. 74+86 TO 75+07 LT.	93		
STA. 74+95 LT.			14
STA. 77+21 TO 77+37 LT.	74		
STA. 77+32 LT.			8
STA. 77+79 TO 77+94 LT.	59		
STA. 77+86 LT.			8
SUBTOTAL	5,185	488	393

* SEE SPECIAL DETAIL

PCC SIDEWALK SCHEDULE

LOCATION	P.C.C. SIDEWALK, 4"	P.C.C. SIDEWALK, 6"	DETECTABLE WARNINGS
	SQ FT	SQ FT	
AIRPORT ROAD (199+33.43 TO 226+22.77)			
STA. 200+62 TO 202+83 LT.	1103		
STA. 203+19 TO 204+17 LT.	490		
STA. 204+57 TO 208+77 LT.	2093		
STA. 209+04 TO 211+73 LT.	1344		
STA. 211+92 TO 213+06 LT.	568		
STA. 213+32 TO 214+00 LT.	336		
STA. 214+32 TO 214+75 LT.	248		
STA. 214+72 LT.			10
STA. 215+08 TO 216+62 LT.	770		
STA. 215+13 LT.			14
STA. 216+78 TO 218+42 LT.	820		
STA. 218+66 TO 218+83 LT.	85		
STA. 218+99 TO 219+72 LT.	365		
STA. 219+66 LT.			14
STA. 220+14 TO 221+70 LT.	770		
STA. 220+18 LT.			14
STA. 222+00 TO 222+27 LT.	130		
STA. 222+23 LT.			12
STA. 222+59 TO 226+22 LT.	1850		
STA. 225+98 TO 226+19 RT.	139		
STA. 226+10 LT.			18
STA. 226+10 RT.			20
STA. 226+88 TO 227+01 LT.	96		40
SUBTOTAL	11,217	0	142
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)			
STA. 300+34 TO 300+39 LT.	63		
STA. 300+35 LT.			10
STA. 300+35 TO 300+62 RT.	214		
STA. 300+38 RT.			12
STA. 300+59 RT.			12
STA. 300+92 TO 301+44 RT.	303		
STA. 300+96 RT.			8
STA. 301+71 TO 302+12 RT.	257		
STA. 302+63 TO 303+12 RT.	295		
STA. 303+32 TO 303+50 RT.	110		
STA. 303+80 TO 303+86 RT.	36		
STA. 304+13 TO 304+98 RT.	508		
STA. 305+28 TO 305+98 RT.	455		
STA. 305+92 RT.			8
STA. 306+26 TO 307+76 RT.	885		
STA. 306+32 RT.			8
STA. 308+03 TO 308+46 RT.	260		
STA. 308+66 TO 309+17 RT.	306		
STA. 309+67 TO 311+40 RT.	931		
STA. 311+80 TO 312+40 RT.	239		
STA. 312+60 TO 313+73 RT.	685		
STA. 313+71 RT.			16
STA. 313+68 TO 313+79 LT.	140		
STA. 313+71 LT.			14
SUBTOTAL	5,687	0	88
CALUMET STREET (79+01.78 TO 119+93.01)			
STA. 79+00 TO 79+06 LT.	29		
STA. 79+30 TO 80+73 LT.	711		
STA. 80+97 TO 81+59 LT.	312		
STA. 81+91 TO 83+15 LT.	719		
STA. 83+11 LT.			12
STA. 83+51 TO 85+12 LT.	796		
STA. 85+54 TO 85+83 LT.	183		
STA. 85+79 LT.			14
STA. 86+21 TO 88+53 LT.	1206		
STA. 86+25 LT.			14
STA. 88+49 LT.			14
STA. 88+85 TO 91+81 LT.	1532		
STA. 88+89 LT.			14
STA. 92+13 TO 93+05 LT.	458		
STA. 93+35 TO 94+90 LT.	776		
STA. 95+02 TO 95+09 LT.	38		
STA. 95+41 TO 96+14 LT.	355		
STA. 96+08 TO LT.			15
STA. 96+57 TO 101+63 LT.	2507		
STA. 96+64 LT.			16
STA. 101+57 LT.			14
STA. 102+03 TO 104+87 LT.	1398		
STA. 104+80 LT.			16
STA. 105+67 TO 108+65 LT.	1486		
STA. 105+73 LT.			16
STA. 108+89 TO 113+46 LT.	2279		
STA. 113+82 TO 114+88 LT.	533		
STA. 115+33 TO 118+84 LT.	1831		
SUBTOTAL	17,149	0	145
TOTAL	39,228	488	768

* SEE SPECIAL DETAIL

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	16
FEDERAL AID PROJECT			CONTRACT 97522	

RIP RAP SCHEDULE

LOCATION	LENGTH (FOOT)	WIDTH (FOOT)			DEPTH (FOOT)	STONE DUMPED CLASS A4 (SQ YD)	RIPRAP FOR USE WITH RIP RAP (SQ YD)	FILTER FABRIC (SQ YD)	AGGREGATE BEDDING (TON)
		A	B	C					
CALUMET STREET (STA. 10+44 TO 79+01.78)									
SUBTOTAL	--	--	--	--	--	--	--	--	--
CALUMET STREET (79+01.78 TO 119+93.01)									
STA. 92+23 TO STA. 92+40, LT.	10	5	8	5	4.8	13	13	4.5	
STA. 110+47 TO STA. 110+73, LT.	15	5	8.7	10	5.8	47	47	15.5	
STA. 110+72 TO STA. 110+99, RT.	20	8	6.7	6	5.8	49	49	16.3	
STA. 112+42 TO STA. 112+57, RT.	10	7	4	4	3.3	17	17	5.6	
SUBTOTAL	--	--	--	--	--	126	126	41.9	
AIRPORT ROAD (199+33.43 TO 226+22.77)									
SUBTOTAL	--	--	--	--	--	--	--	--	--
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)									
SUBTOTAL	--	--	--	--	--	--	--	--	--
TOTAL						126	126	41.9	

NOTE: AGGREGATE BEDDING QUANTITY PROVIDED FOR INFORMATION ONLY.

INLET AND PIPE PROTECTION SCHEDULE

LOCATION	INLET AND PIPE PROTECTION EACH
CALUMET STREET (STA. 10+44 TO 79+01.78)	0
CALUMET STREET (79+01.78 TO 119+93.01)	33
AIRPORT ROAD (199+33.43 TO 226+22.77)	44
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)	30
TOTAL	107

NOTE: SEE EROSION CONTROL PLAN FOR PLACEMENT OF INLET AND PIPE PROTECTION

STORM SEWER CONNECTION SCHEDULE

LOCATION	STORM SEWER CONNECTION EACH
CALUMET STREET (STA. 10+44 TO 79+01.78)	0
CALUMET STREET (79+01.78 TO 119+93.01)	
STA. 80+27, LT.	1
STA. 81+63, LT.	1
STA. 81+88, LT.	1
STA. 86+57, LT.	1
STA. 86+60, LT.	1
STA. 86+92, LT.	1
STA. 87+27, RT.	1
STA. 87+76, LT.	1
STA. 115+50, RT.	1
STA. 115+59, RT.	1
STA. 115+87, RT.	1
SUBTOTAL	11
AIRPORT ROAD (199+33.43 TO 226+22.77)	
STA. 204+61, RT.	1
STA. 207+05, RT.	1
STA. 215+05, RT.	1
SUBTOTAL	3
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)	
STA. 302+33, LT.	1
STA. 312+32, LT.	1
STA. 312+64, LT.	1
SUBTOTAL	3
TOTAL	17

PAVING SCHEDULE

LOCATION	PROCESSING MODIFIED SOIL, 12"	LIME	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	HMA BINDER CRSE. IL-19.0, N70, 4"	BIT. MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SURFACE CRSE., MIX "C", N70, 2"	HMA SURFACE CRSE., MIX "C", N70, 1 1/2"	LEVELING BINDER (MACHINE METHOD) N70, 3/4"	LEVELING BINDER (MACHINE METHOD) N70, 1"	INCIDENTAL HOT-MIX ASPHALT SURFACING	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT & SHOULDER)	JOINT OR CRACK FILLING
	SQ YD	TON	SQ YD	SQ YD	TON	GALLON	TON	TON	TON	TON	TON	TON	FOOT	POUND
CALUMET STREET (STA. 10+44 TO 79+01.78)						116.7	2.3		130.7	44.3		2.8		
POPLAR STREET TO ELM STREET						465.6	9.3		694.0 **			15.3*	4300	1400
ELM STREET TO LINCOLN BOULEVARD						1,138.9	22.8		1,275.6		658.0	68.7		
LINCOLN BOULEVARD TO 79+01.78														
SUBTOTAL	0	0	0	0	0	1,721.2	34.4	0	2,100.3	44.3	658.0	86.8	4300	1400
CALUMET STREET (79+01.78 TO 119+93.01)														
STA. 79+01.78 TO STA. 119+93.01			7,918.3		3,435.6	5,751.5	23.0	1,717.8						
SUBTOTAL	0	0	7,918.3		3,435.6	5,751.5	23.0	1,717.8	0	0	0	5.3 *	0	0
AIRPORT ROAD (199+33.43 TO 226+22.77)														
STA. 200+62.48 TO STA. 214+77.03	4,591.0	88.4			917.1	307.1	6.1	458.5						
STA. 214+77.03 TO STA. 224+95.34			984.7		722.3	241.9	4.8	361.2						
STA. 224+95.34 TO STA. 226+22.77						38.7	0.8	57.7						
SUBTOTAL	4,591.0	88.4	984.7		1,756.8	587.7	11.7	877.4	0	0	0	99.5 *	0	0
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)														
STA. 300+09.67 TO STA. 313+75.56			4,424.6		885.3	1,778.4	11.8	442.6						
SUBTOTAL			4,424.6	0	885.3	1,778.4	11.8	442.6	0	0	0	118.5 *		0
TOTAL	4,591.0	88.4	4,424.6	8,903.0	6,077.7	9,838.8	80.9	3,037.8	2,100.3	44.3	658.0	310.1	4300	1400

* - FROM ENTRANCE / SIDEROAD SCHEDULE
 ** - 1 1/2" TO 2 1/2"

PROTECTIVE COAT SCHEDULE

LOCATION	PROTECTIVE COAT AREA SQ YD
CALUMET (STA. 10+44 TO 79+01.78)	
FACE AND FLAG OF CURB & GUTTER	885
PCC SIDEWALK	630
PCC DRIVEWAY PAVEMENT	279
PCC PAVEMENT	253
SUBTOTAL	2,047
CALUMET STREET (79+01.78 TO 119+93.01)	
FACE AND FLAG OF CURB & GUTTER	1295
PCC SIDEWALK	1905
PCC DRIVEWAY PAVEMENT	634
PCC PAVEMENT	571
SUBTOTAL	4,405
AIRPORT ROAD (199+33.43 TO 226+22.77)	
FACE AND FLAG OF CURB & GUTTER	860
PCC SIDEWALK	1247
PCC DRIVEWAY PAVEMENT	1,014
PCC PAVEMENT	0
SUBTOTAL	3,121
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)	
FACE AND FLAG OF CURB & GUTTER	458
PCC SIDEWALK	632
PCC DRIVEWAY PAVEMENT	405
PCC PAVEMENT	0
SUBTOTAL	1,495
TOTAL	11,068

SEEDING SCHEDULE

LOCATION	SEEDING CLASS 1 ACRE	MULCH METHOD 2 ACRE	FERTILIZER NUTRIENTS			TEMPORARY EROSION CONTROL SEEDING POUND
			NITROGEN POUND	PHOSPHORUS POUND	POTASSIUM POUND	
CALUMET STREET						
STA. 10+44.00 TO STA. 79+01.78	0.7	0.7	63	63	63	70
STA. 79+01.78 TO STA. 119+93.01	1.4	1.4	126	126	126	140
AIRPORT ROAD						
STA. 199+33.43 TO STA. 226+22.77	1.0	1.0	90	90	90	100
LINCOLN BOULEVARD						
STA. 300+09.67 TO STA. 313+75.56	1.2	1.2	108	108	108	120
TOTAL	4.3	4.3	387	387	387	430

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	STORM SEWER SPOILS	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	STORM SEWER SPOILS 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
CALUMET STREET (STA. 10+44 TO 79+01.78)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALUMET STREET (79+01.78 TO 119+93.01)	1946	1000	2492	1460	2207	2584	+1083	0.0
AIRPORT ROAD (199+33.43 TO 226+22.77)	721	1091	1674	541	1256	2043	-246	246
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)	1,530	690	772	1,148	579	212	+1515	0.0
TOTAL	4,197	2,781	4,938			5,142	+2352	246

* - ALL EARTHWORK ASSOCIATED WITH SIDEWALK AND CURB & GUTTER CONSTRUCTION FOR CALUMET STREET (STA. 10+44 TO 79+01.78) SHALL BE INCLUDED IN THE COST OF THAT ITEM.

TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	STUMP REMOVAL ONLY	TREE ROOT PRUNING
	UNITS	UNITS	UNITS	EACH
ELM TO LINCOLN BLVD.				
STA. 20+80, RT.				1
STA. 21+20, RT.				1
STA. 22+55, RT.				1
STA. 22+85, RT.				1
SUBTOTAL				4
CALUMET STREET (79+01.78 TO 119+93.01)				
STA. 80+93, 29' LT.		24		
STA. 81+97, 26' LT.		36		
STA. 82+64, 26' LT.		36		
STA. 90+26, 25' RT.			21	
STA. 90+79, 23' RT.		18		
STA. 90+94, 22' RT.		18		
STA. 91+07, 22' RT.		18		
STA. 91+21, 22' RT.		18		
STA. 110+50, 35' LT.		30		
STA. 110+66, 45' LT.	8			
STA. 110+71, 30' LT.	6			
STA. 110+74, 34' RT.			24	
STA. 112+28, 27' LT.	12			
STA. 114+79, 26' LT.	6			
STA. 116+25, 38' LT.		18		
STA. 117+37, 30' LT.		18		
STA. 118+62, 37' LT.				
SUBTOTAL	44	234	45	0
AIRPORT ROAD (199+33.43 TO 226+22.77)				
STA. 203+32, 25' LT.	6			
STA. 216+33, 27' LT.			18	
STA. 216+46, 25' LT.			18	
SUBTOTAL	6	0	36	0
LINCOLN BOULEVARD (300+09.67 TO 313+75.56)				
STA. 304+21, 17' RT.		30		
STA. 304+90, 20' RT.		24		
STA. 309+81, 22' RT.	8			
SUBTOTAL	8	54	0	0
TOTAL	58	288	81	4

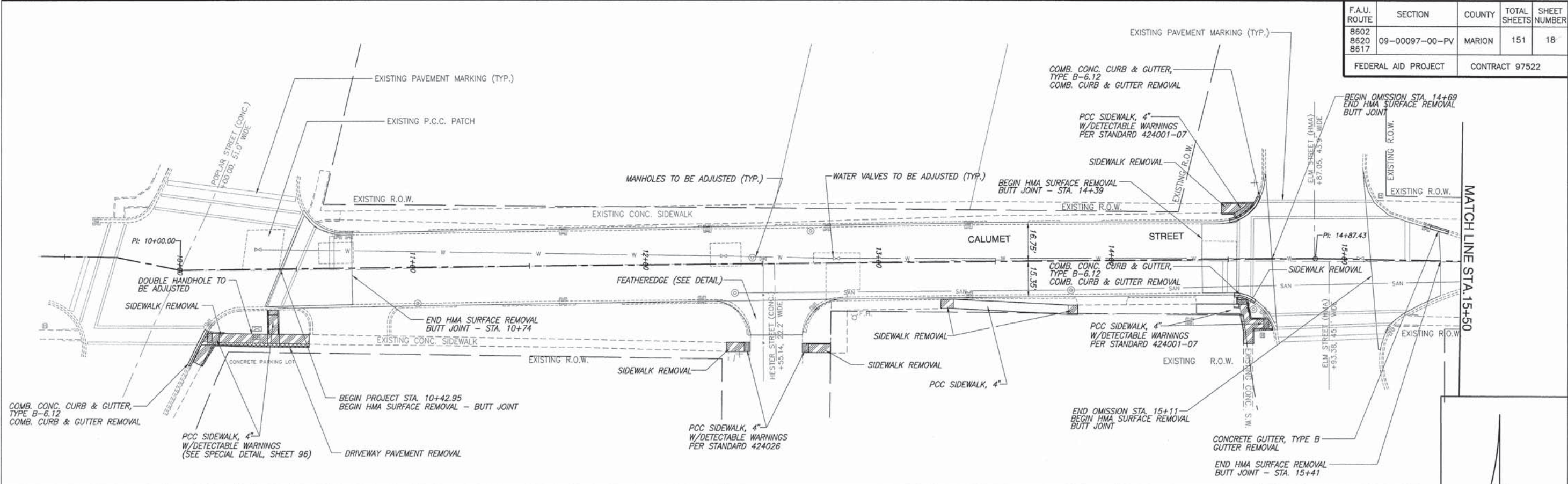
HANDHOLE AND DETECTOR LOOP SCHEDULE

LOCATION	DOUBLE HANDHOLE TO BE ADJUSTED	DETECTOR LOOP REPLACEMENT
	EACH	FOOT
CALUMET STREET (10+44 TO 79+01.78)		
STA. 10+33 RT.	1	
CALUMET STREET (79+01.78 TO 119+93.01)		
AIRPORT ROAD (199+33.43 TO 226+22.77)		
STA. 225+57 TO 226+07 RT.		216
STA. 225+84 RT.		
STA. 225+84 TO 226+07 RT.		
LINCOLN BOULEVARD (300+17.27 TO 313+75.56)		
TOTAL	1	216

PAVEMENT PATCHING SCHEDULE

STATION	LEFT	RIGHT	LENGTH	WIDTH	PAVEMENT PATCHING, 7 INCH	
					TYPE I	TYPE II
					SQ YD	SQ YD
CALUMET STREET (STA. 10+44 TO STA. 79+01.78)						
16+24 TO 16+28	X		4	10	4.4	
16+57 TO 16+60		X	3	3	1.0	
17+16 TO 17+22		X	6	10		6.7
17+20 TO 17+23	X		3	10	3.3	
17+42 TO 17+45	X		3	10	3.3	
19+18 TO 19+30	X		12	10		13.3
19+18 TO 19+30		X	12	10		13.3
25+69 TO 25+75		X	6	10		6.7
25+73 TO 25+77	X		2	10	2.2	
25+97 TO 26+03		X	6	15		10.0
25+97 TO 26+03	X		6	10		6.7
28+02 TO 28+08		X	6	10		6.7
52+42 TO 52+49		X	7	12		9.3
52+45 TO 52+55		X	10	10		11.1
52+49 TO 52+53		X	4	12		5.3
52+88 TO 52+91	X		3	3	1.0	
52+95 TO 52+98	X		3	12	4.0	
TOTAL					19.2	89.1

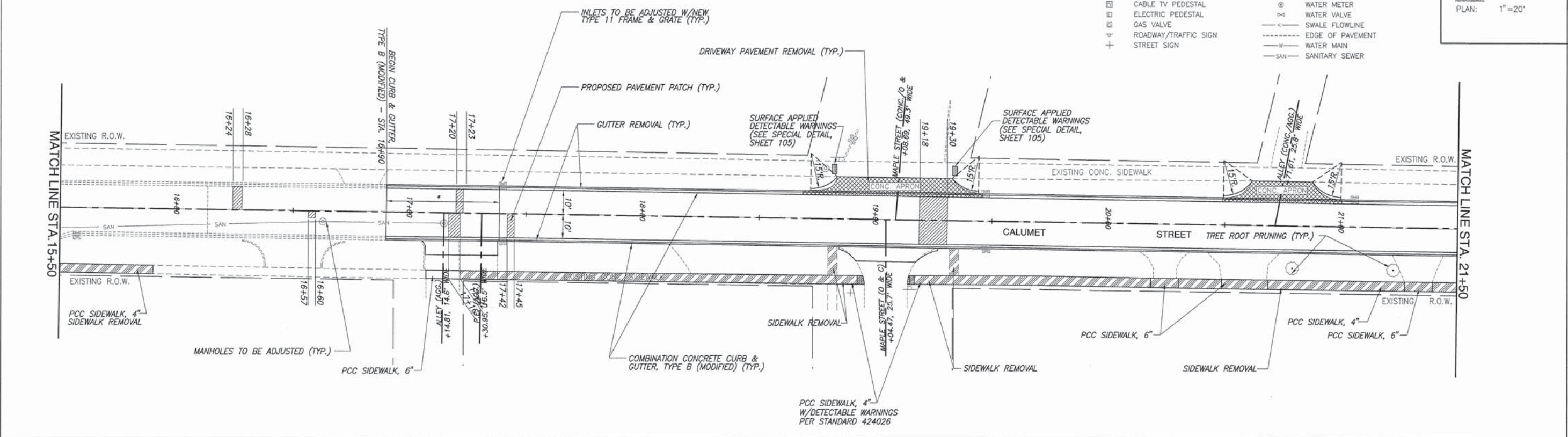
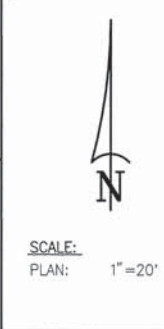
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	18
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		



* - TRANSITION FROM EXISTING GUTTER TO PROPOSED CURB AND GUTTER PER TYPICAL SECTIONS

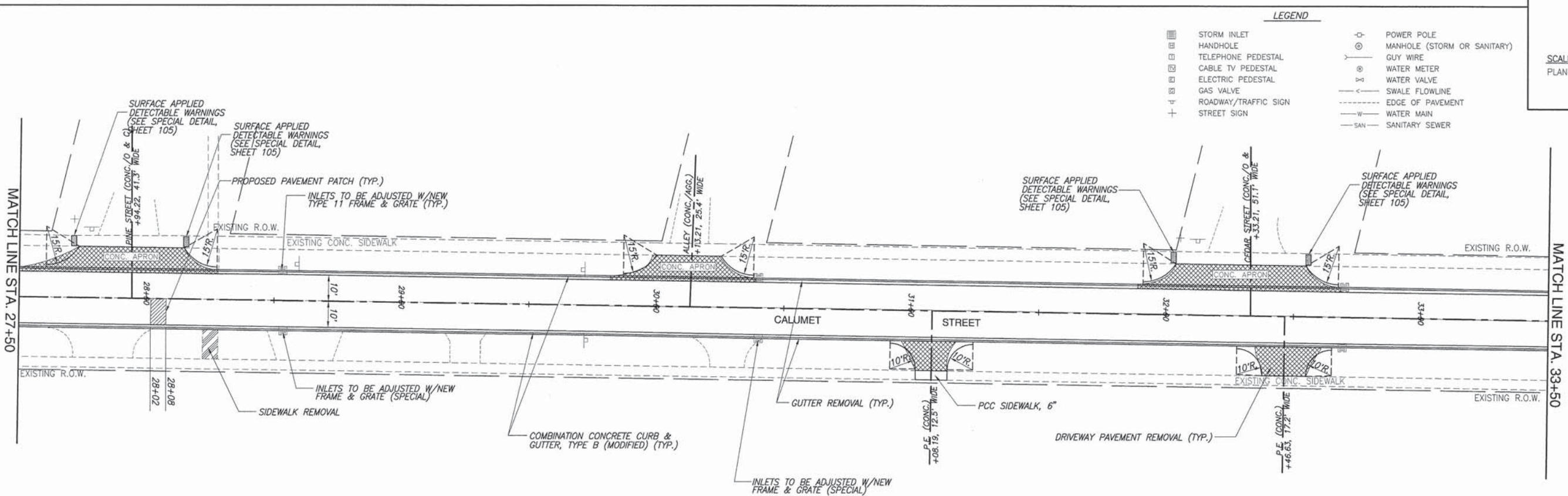
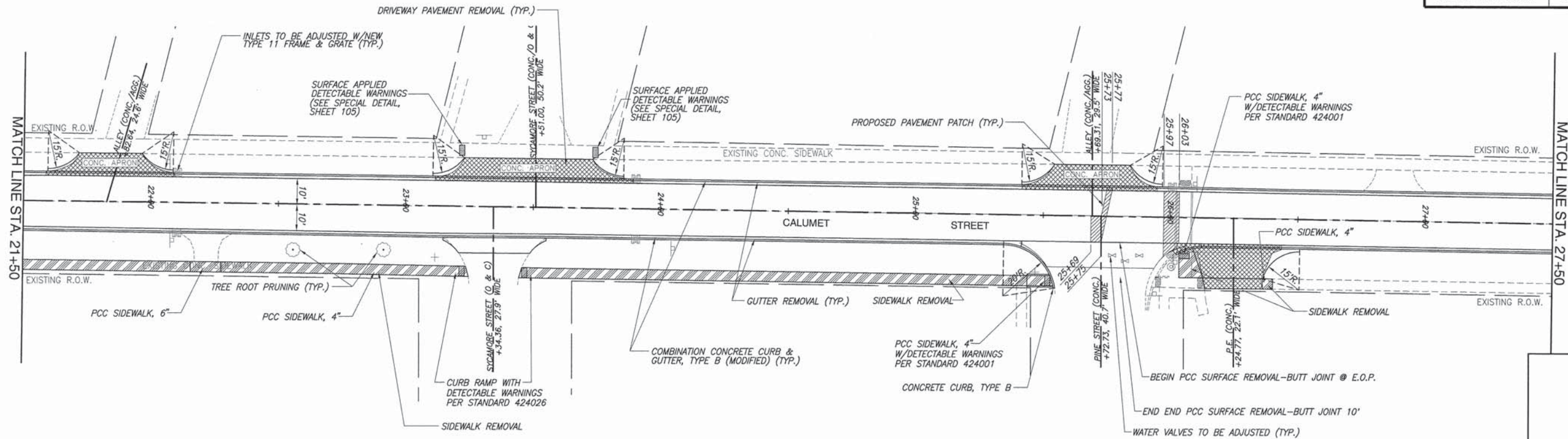
LEGEND

□	STORM INLET	⊕	POWER POLE
○	HANDHOLE	⊙	MANHOLE (STORM OR SANITARY)
□	TELEPHONE PEDESTAL	—	GUY WIRE
□	CABLE TV PEDESTAL	⊙	WATER METER
□	ELECTRIC PEDESTAL	⊕	WATER VALVE
□	GAS VALVE	—	SWALE FLOWLINE
—	ROADWAY/TRAFFIC SIGN	—	EDGE OF PAVEMENT
+	STREET SIGN	—	WATER MAIN
		—	SAN — SANITARY SEWER



PLAN AND PROFILE CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	19
FEDERAL AID PROJECT		CONTRACT 97522		



LEGEND

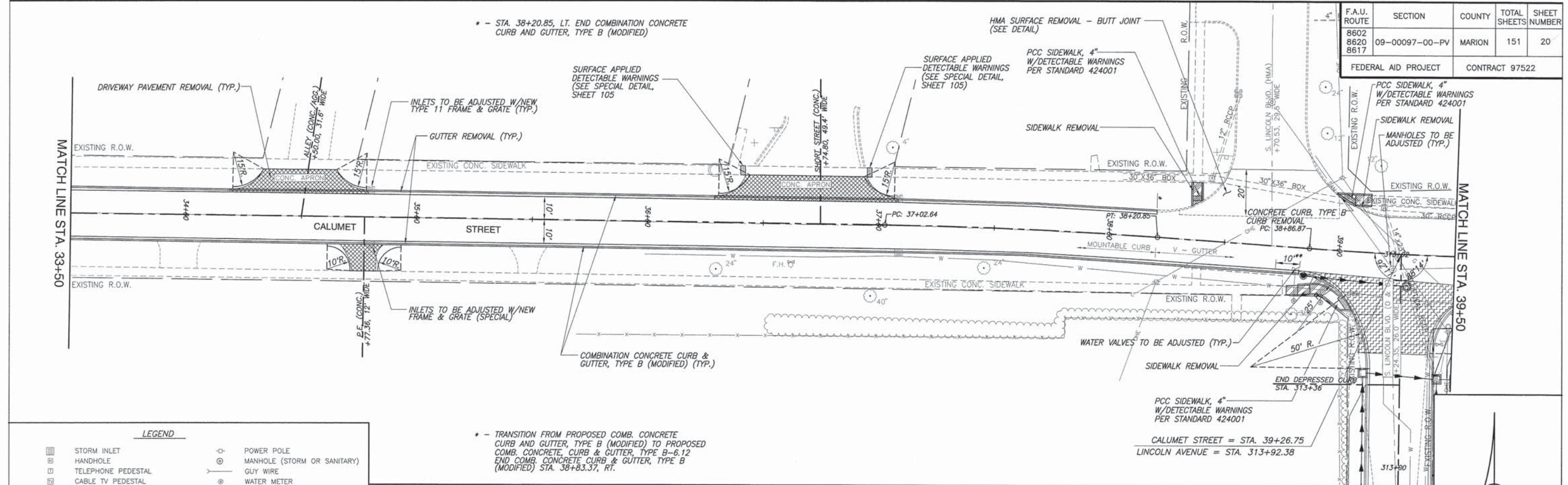
■ STORM INLET	⊕ POWER POLE
□ HANDHOLE	⊙ MANHOLE (STORM OR SANITARY)
⊠ TELEPHONE PEDESTAL	⊖ GUY WIRE
⊡ CABLE TV PEDESTAL	⊗ WATER METER
⊞ ELECTRIC PEDESTAL	⊘ WATER VALVE
⊞ GAS VALVE	⊙ SWALE FLOWLINE
⊞ ROADWAY/TRAFFIC SIGN	⊙ EDGE OF PAVEMENT
⊞ STREET SIGN	⊙ WATER MAIN
	⊙ SANITARY SEWER

N

SCALE:
PLAN: 1"=20'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	20
8620				
8617				

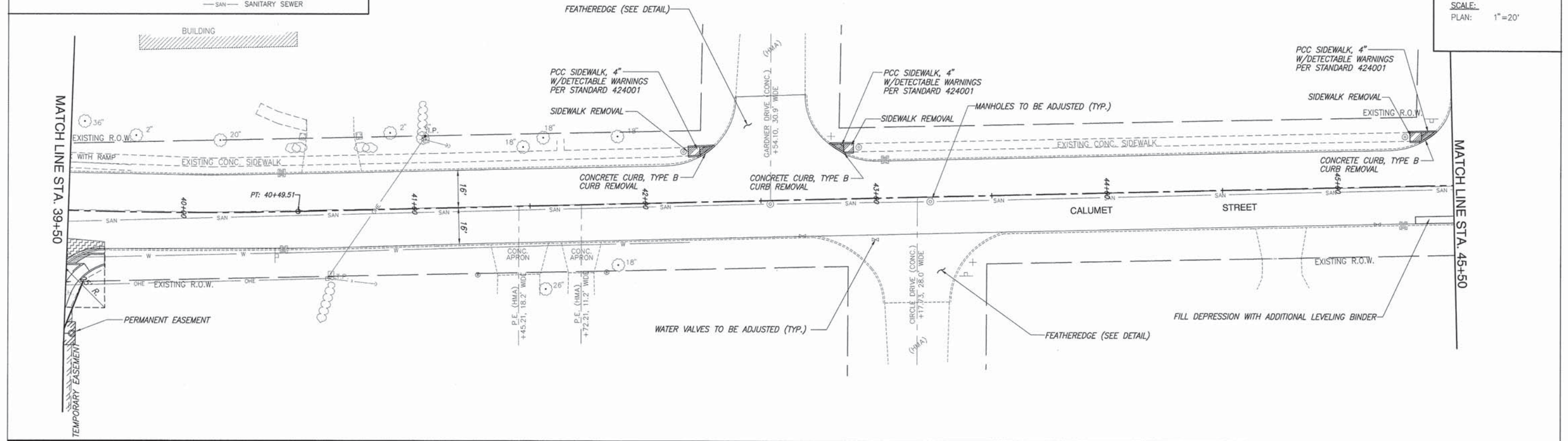
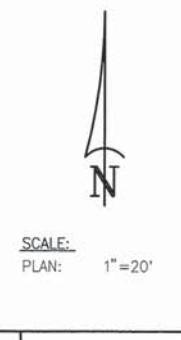
FEDERAL AID PROJECT CONTRACT 97522



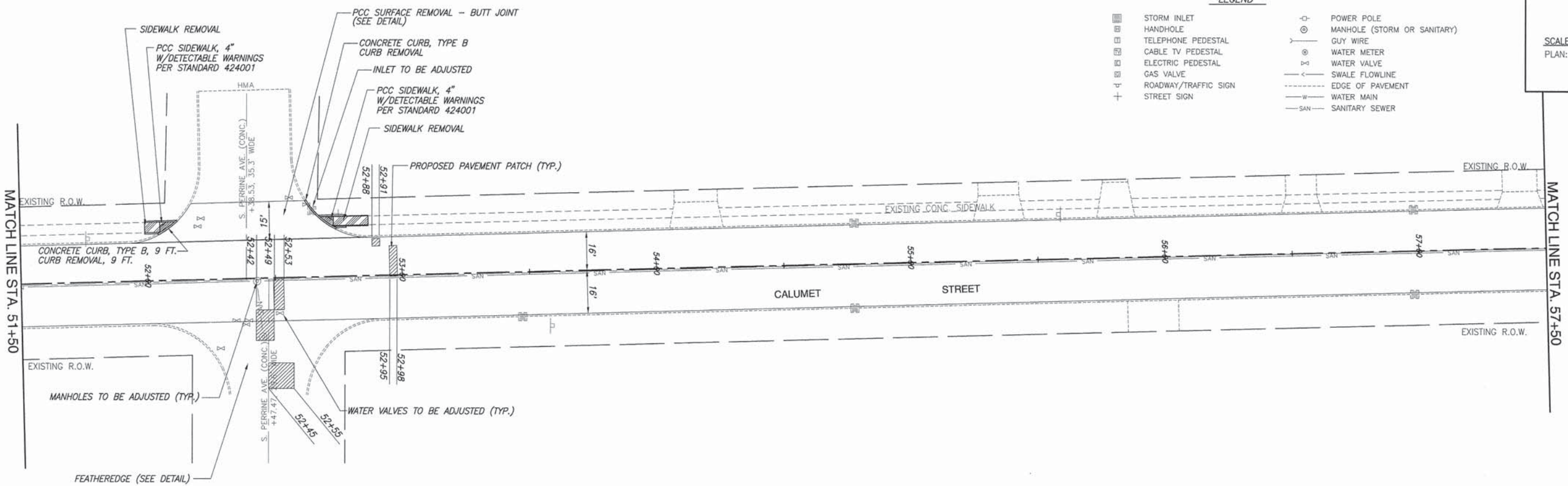
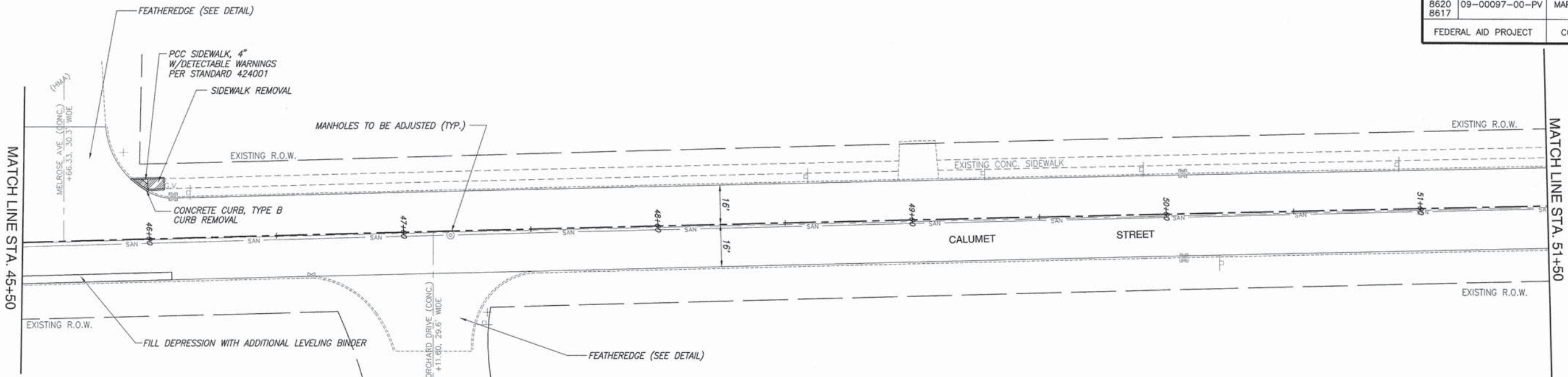
LEGEND

	STORM INLET		POWER POLE
	HANDHOLE		MANHOLE (STORM OR SANITARY)
	TELEPHONE PEDESTAL		GUY WIRE
	CABLE TV PEDESTAL		WATER METER
	ELECTRIC PEDESTAL		WATER VALVE
	GAS VALVE		SWALE FLOWLINE
	ROADWAY/TRAFFIC SIGN		EDGE OF PAVEMENT
	STREET SIGN		WATER MAIN
			SANITARY SEWER

* - TRANSITION FROM PROPOSED COMB. CONCRETE CURB AND GUTTER, TYPE B (MODIFIED) TO PROPOSED COMB. CONCRETE CURB & GUTTER, TYPE B-6.12 END COMB. CONCRETE CURB & GUTTER, TYPE B (MODIFIED) STA. 38+83.37, RT.

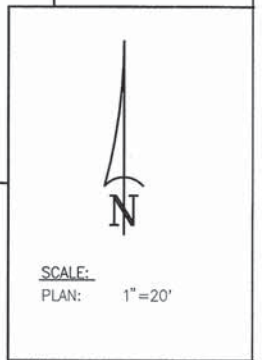


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	21
FEDERAL AID PROJECT		CONTRACT 97522		

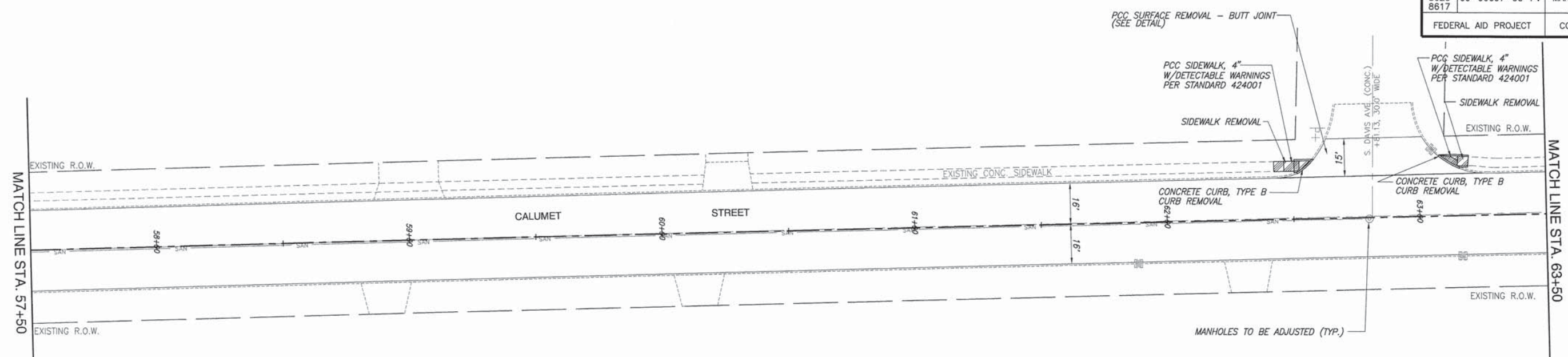


LEGEND

☐	STORM INLET	⊖	POWER POLE
⊖	HANDHOLE	⊙	MANHOLE (STORM OR SANITARY)
⊖	TELEPHONE PEDESTAL	—	GUY WIRE
⊖	CABLE TV PEDESTAL	⊙	WATER METER
⊖	ELECTRIC PEDESTAL	⊖	WATER VALVE
⊖	GAS VALVE	—	SWALE FLOWLINE
⊖	ROADWAY/TRAFFIC SIGN	---	EDGE OF PAVEMENT
+	STREET SIGN	—	WATER MAIN
		—SAN—	SANITARY SEWER

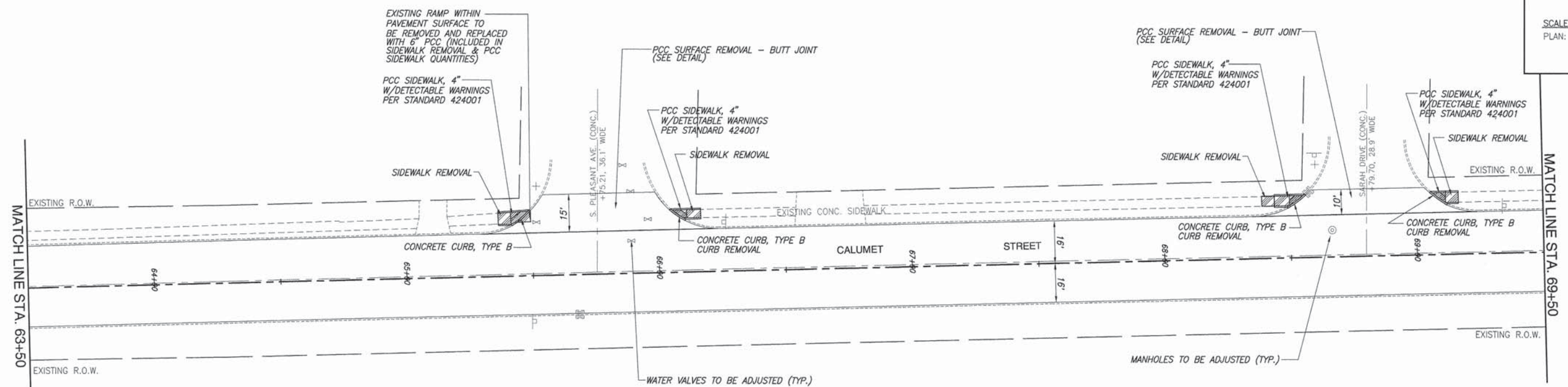
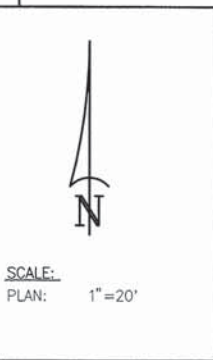


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	22
FEDERAL AID PROJECT		CONTRACT 97522		

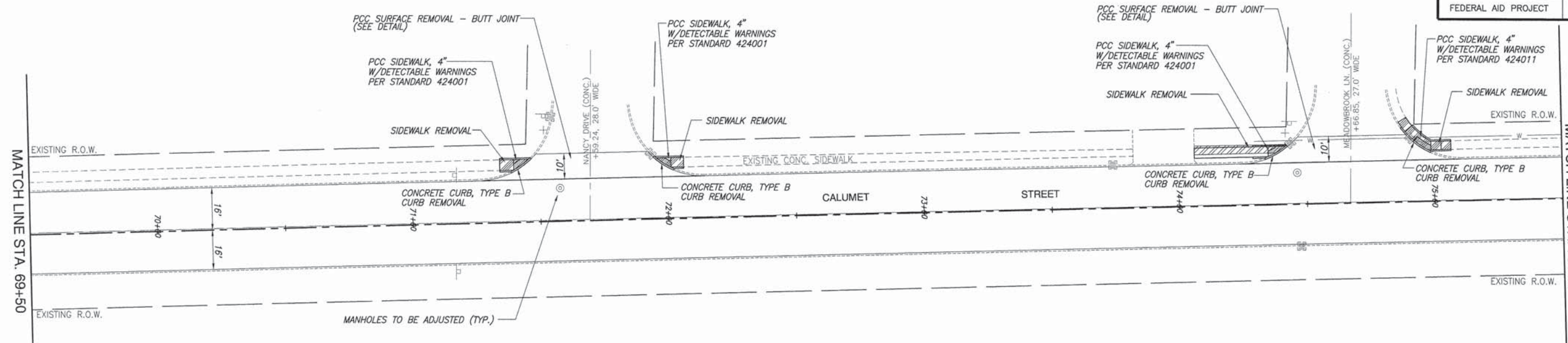


LEGEND

☐	STORM INLET	⊕	POWER POLE
⊕	HANDHOLE	⊕	MANHOLE (STORM OR SANITARY)
⊕	TELEPHONE PEDESTAL	—	GLY WIRE
⊕	CABLE TV PEDESTAL	⊕	WATER METER
⊕	ELECTRIC PEDESTAL	⊕	WATER VALVE
⊕	GAS VALVE	—	SWALE FLOWLINE
+	ROADWAY/TRAFFIC SIGN	---	EDGE OF PAVEMENT
+	STREET SIGN	—	WATER MAIN
		—SAN	SANITARY SEWER



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	23
FEDERAL AID PROJECT		CONTRACT 97522		



LEGEND

☐	STORM INLET	⊕	POWER POLE
⊕	HANDHOLE	⊙	MANHOLE (STORM OR SANITARY)
⊕	TELEPHONE PEDESTAL	—	GUY WIRE
⊕	CABLE TV PEDESTAL	⊕	WATER METER
⊕	ELECTRIC PEDESTAL	⊕	WATER VALVE
⊕	GAS VALVE	—	SWALE FLOWLINE
⊕	ROADWAY/TRAFFIC SIGN	---	EDGE OF PAVEMENT
+	STREET SIGN	—W—	WATER MAIN
		—SAN—	SANITARY SEWER

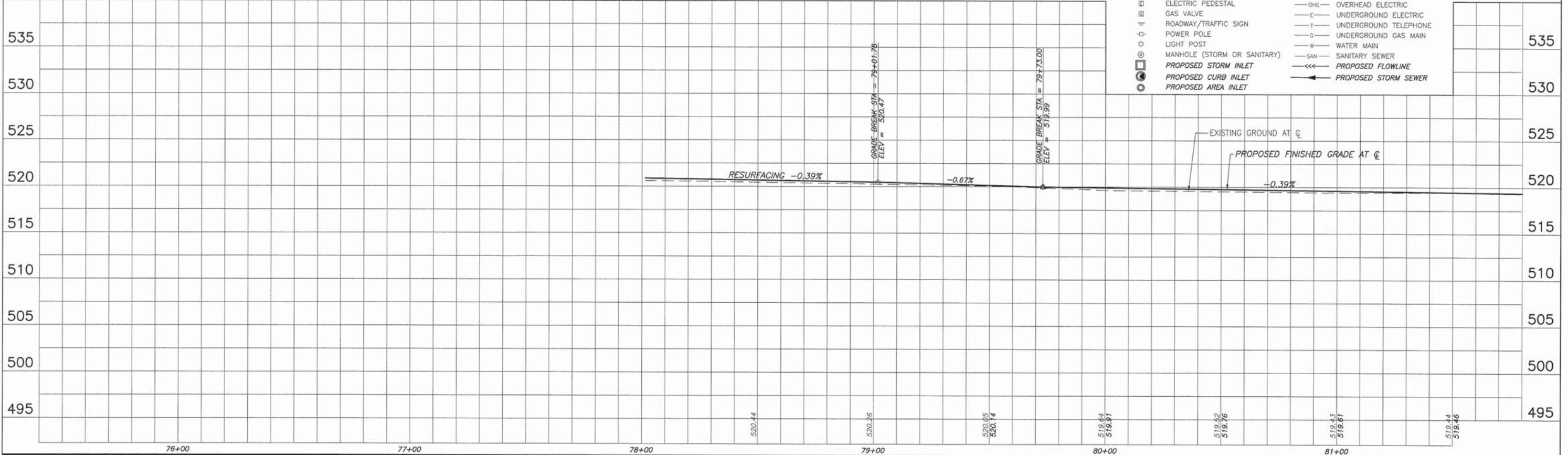
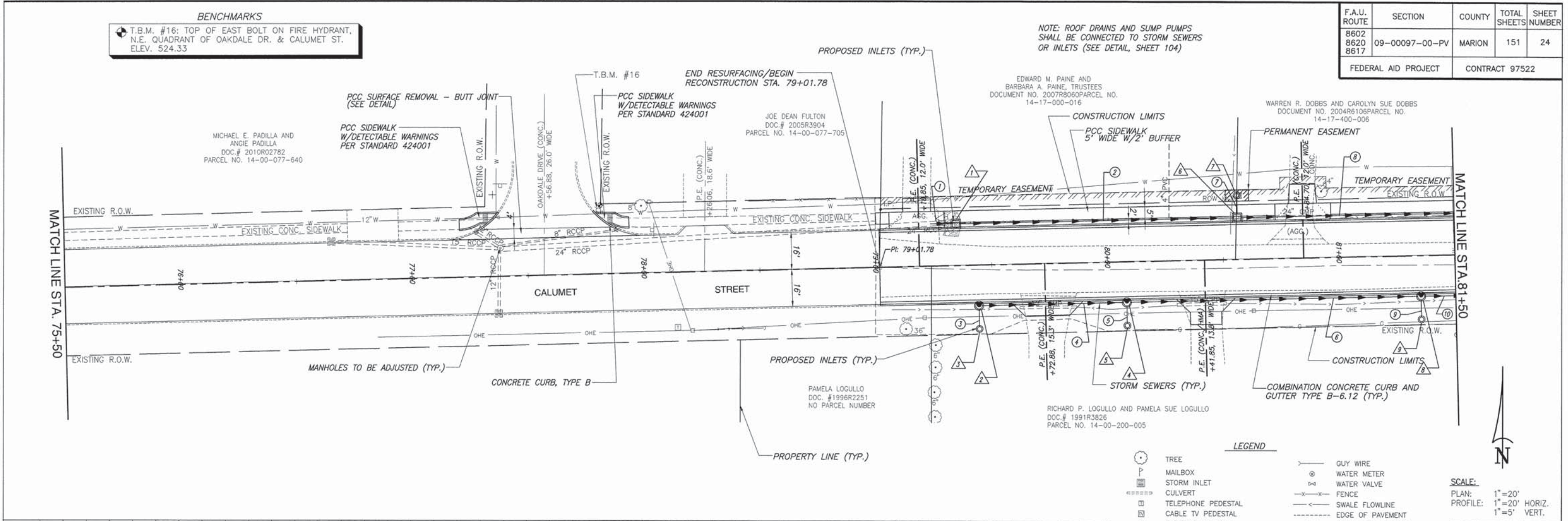


SCALE:
PLAN: 1"=20'

BENCHMARKS
 T.B.M. #16: TOP OF EAST BOLT ON FIRE HYDRANT,
 N.E. QUADRANT OF OAKDALE DR. & CALUMET ST.
 ELEV. 524.33

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	24
FEDERAL AID PROJECT		CONTRACT 97522		

NOTE: ROOF DRAINS AND SUMP PUMPS SHALL BE CONNECTED TO STORM SEWERS OR INLETS (SEE DETAIL, SHEET 104)



- LEGEND**
- TREE
 - MAILBOX
 - STORM INLET
 - CULVERT
 - TELEPHONE PEDESTAL
 - CABLE TV PEDESTAL
 - ELECTRIC PEDESTAL
 - GAS VALVE
 - ROADWAY/TRAFFIC SIGN
 - POWER POLE
 - LIGHT POST
 - MANHOLE (STORM OR SANITARY)
 - PROPOSED STORM INLET
 - PROPOSED CURB INLET
 - PROPOSED AREA INLET
 - GUY WIRE
 - WATER METER
 - WATER VALVE
 - FENCE
 - SWALE FLOWLINE
 - EDGE OF PAVEMENT
 - OHE - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UNDERGROUND TELEPHONE
 - UNDERGROUND GAS MAIN
 - W - WATER MAIN
 - SAN - SANITARY SEWER
 - PROPOSED FLOWLINE
 - PROPOSED STORM SEWER

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

BENCHMARKS
 T.B.M. #15: TOP OF SOUTH BOLT ON FIRE HYDRANT,
 N.E. QUADRANT OF BRIARWOOD DR. & CALUMET ST.
 ELEV. 520.48

NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS.

NOTE: ROOF DRAINS AND SUMP PUMPS
 SHALL BE CONNECTED TO STORM SEWERS
 OR INLETS (SEE DETAIL, SHEET 104)

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	25
FEDERAL AID PROJECT			CONTRACT 97522	

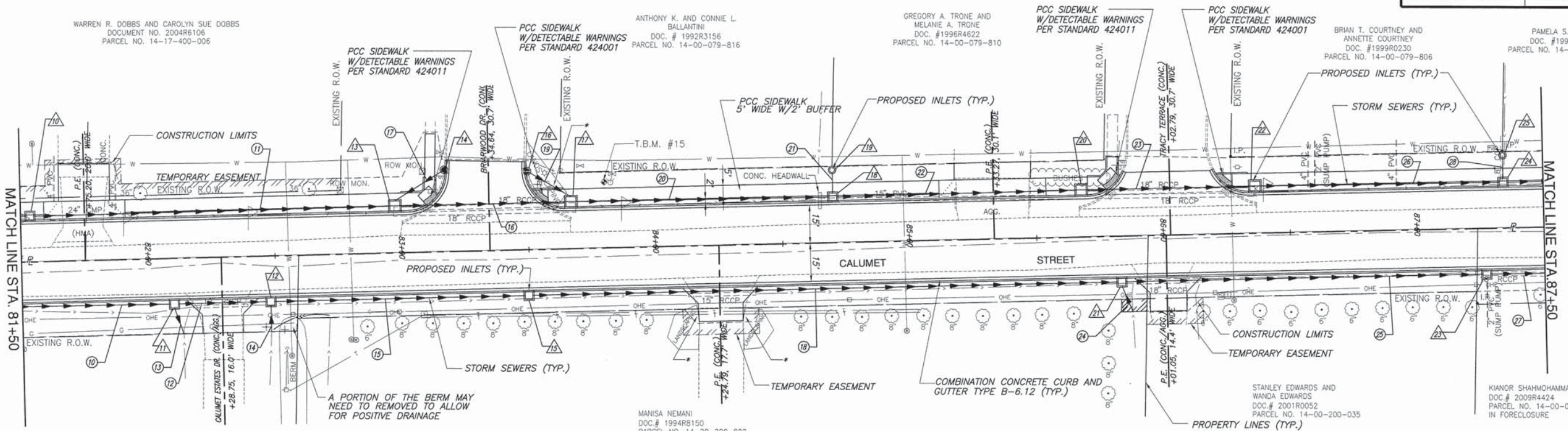
WARREN R. DOBBS AND CAROLYN SUE DOBBS
 DOCUMENT NO. 2004R6106
 PARCEL NO. 14-17-400-006

ANTHONY K. AND CONNIE L. BALLANTINI
 DOC. # 1992R3156
 PARCEL NO. 14-00-079-816

GREGORY A. TRONE AND MELANIE A. TRONE
 DOC. # 1996R4622
 PARCEL NO. 14-00-079-810

BRIAN T. COURTNEY AND ANNETTE COURTNEY
 DOC. # 1999R0230
 PARCEL NO. 14-00-079-806

PAMELA S. KNOX
 DOC. # 1992R8791
 PARCEL NO. 14-00-078-960

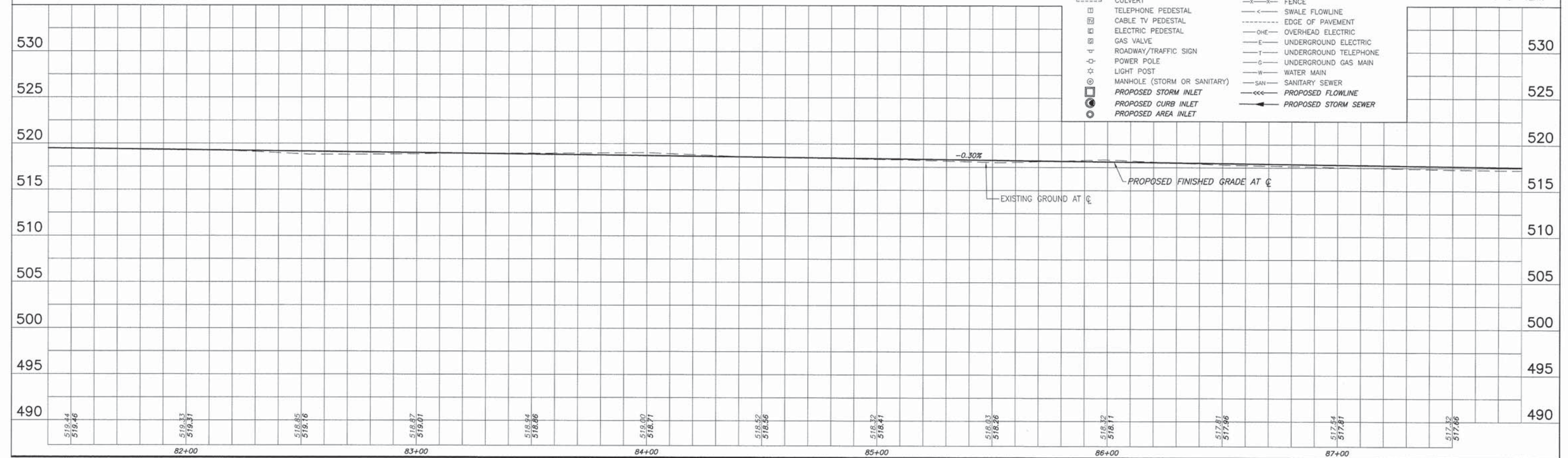


* LANDSCAPING TO BE REMOVED AND REINSTALLED
 AS NECESSARY TO COMPLETE THE PROPOSED IMPROVEMENTS
 (COST INCLUDED IN THE COST OF THE CONTRACT)

LEGEND

○	TREE	—	GUY WIRE
□	MAILBOX	⊙	WATER METER
⊙	STORM INLET	⊕	WATER VALVE
⊕	CULVERT	-X-X-	FENCE
⊕	TELEPHONE PEDESTAL	—	SWALE FLOWLINE
⊕	CABLE TV PEDESTAL	- - -	EDGE OF PAVEMENT
⊕	ELECTRIC PEDESTAL	-OHE-	OVERHEAD ELECTRIC
⊕	GAS VALVE	-E-	UNDERGROUND ELECTRIC
⊕	ROADWAY/TRAFFIC SIGN	-T-	UNDERGROUND TELEPHONE
⊕	POWER POLE	-G-	UNDERGROUND GAS MAIN
⊕	LIGHT POST	-W-	WATER MAIN
⊕	MANHOLE (STORM OR SANITARY)	-SAN-	SANITARY SEWER
⊕	PROPOSED STORM INLET	—	PROPOSED FLOWLINE
⊕	PROPOSED CURB INLET	—	PROPOSED STORM SEWER
⊕	PROPOSED AREA INLET		

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



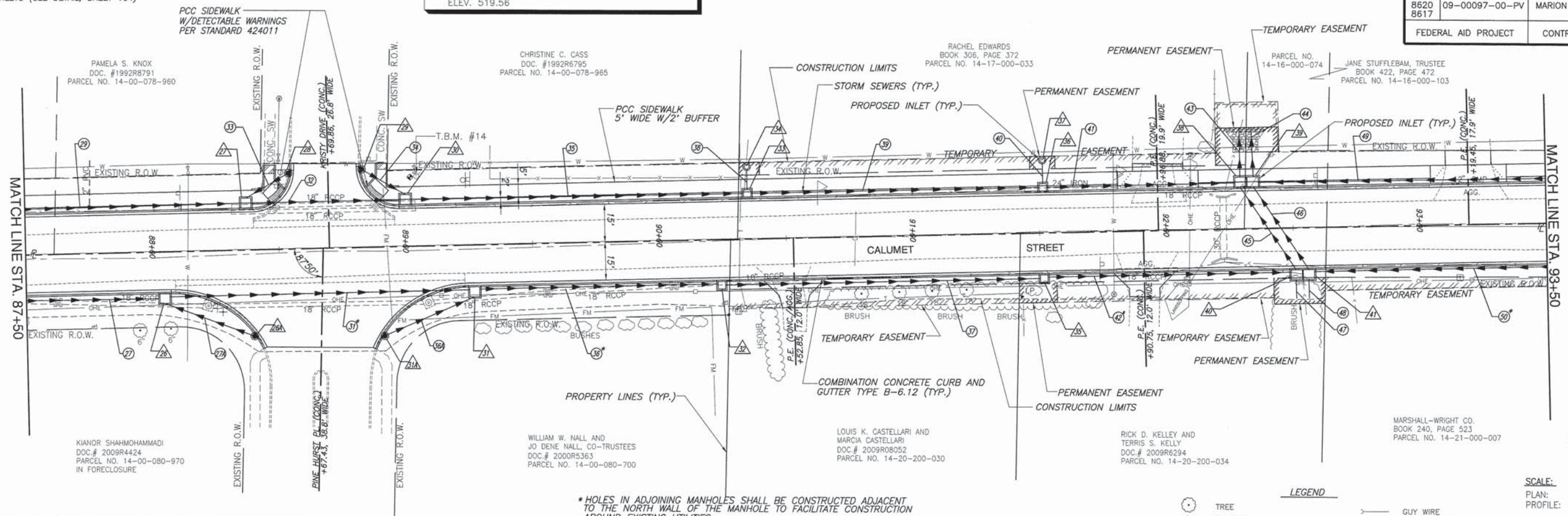
NOTE: ROOF DRAINS AND SUMP PUMPS SHALL BE CONNECTED TO STORM SEWERS OR INLETS (SEE DETAIL, SHEET 104)

BENCHMARKS

T.B.M. #14: TOP OF SOUTH BOLT ON FIRE HYDRANT N.E. QUADRANT OF KRISTY ST. & CALUMET ST. ELEV. 519.56

NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	26
8620				
8617				
FEDERAL AID PROJECT			CONTRACT 97522	

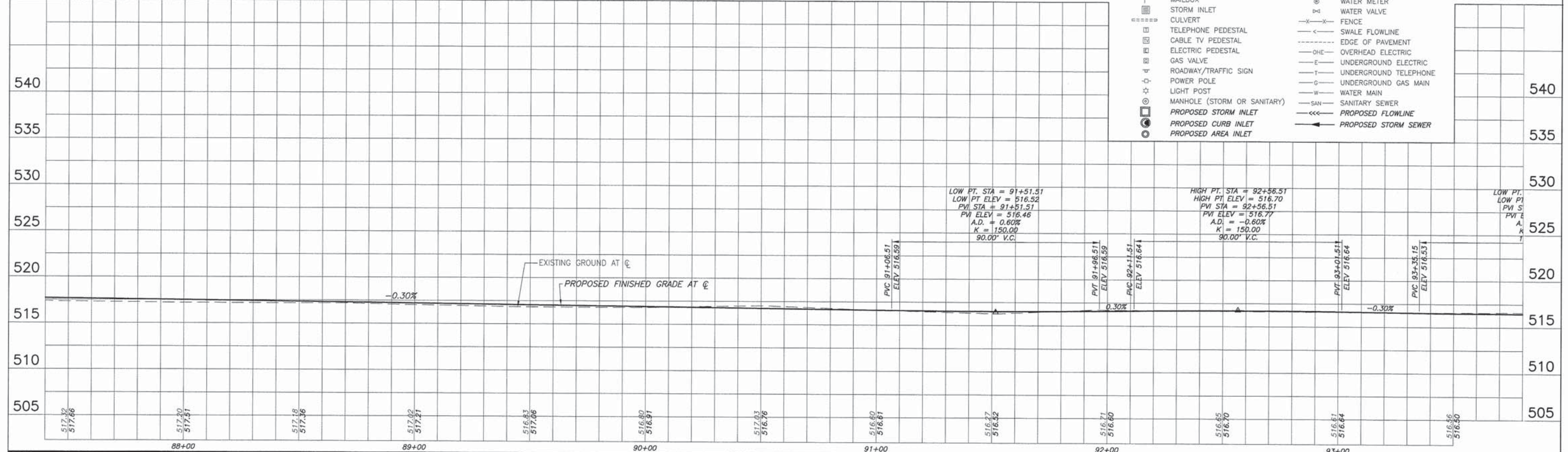


* HOLES IN ADJOINING MANHOLES SHALL BE CONSTRUCTED ADJACENT TO THE NORTH WALL OF THE MANHOLE TO FACILITATE CONSTRUCTION AROUND EXISTING UTILITIES.

LEGEND

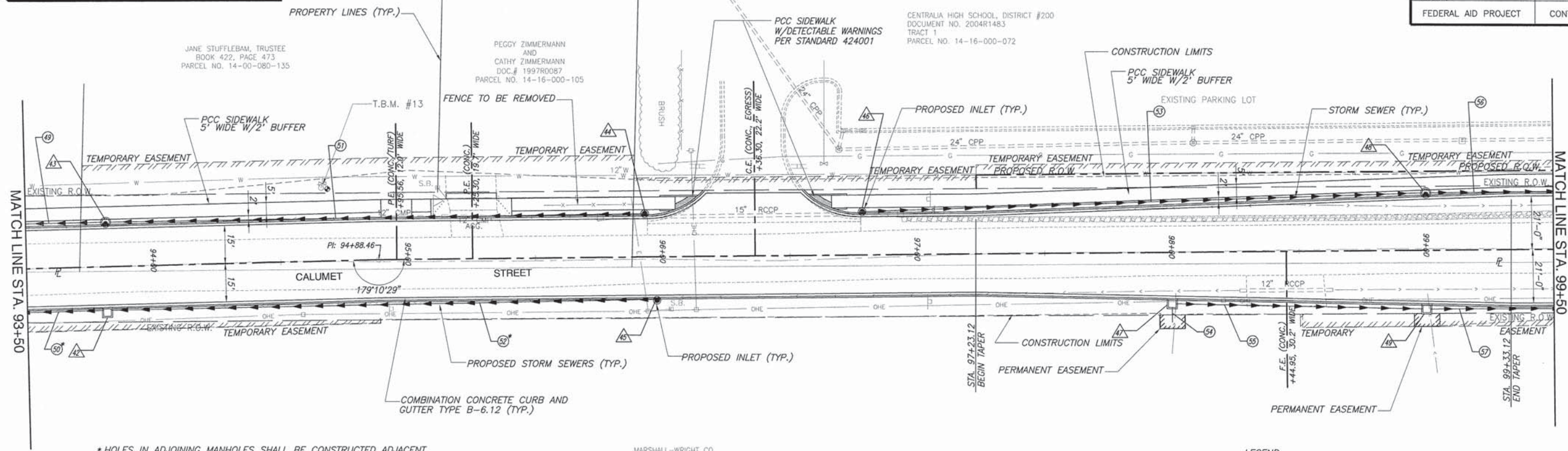
	TREE		GUY WIRE
	MAILBOX		WATER METER
	STORM INLET		WATER VALVE
	CULVERT		FENCE
	TELEPHONE PEDESTAL		SWALE FLOWLINE
	CABLE TV PEDESTAL		EDGE OF PAVEMENT
	ELECTRIC PEDESTAL		OVERHEAD ELECTRIC
	GAS VALVE		UNDERGROUND ELECTRIC
	ROADWAY/TRAFFIC SIGN		UNDERGROUND TELEPHONE
	POWER POLE		UNDERGROUND GAS MAIN
	LIGHT POST		WATER MAIN
	MANHOLE (STORM OR SANITARY)		SANITARY SEWER
	PROPOSED STORM INLET		PROPOSED FLOWLINE
	PROPOSED CURB INLET		PROPOSED STORM SEWER
	PROPOSED AREA INLET		

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



BENCHMARKS
 T.B.M. #13: TOP OF SOUTH BOLT ON FIRE HYDRANT,
 STA. 94+66.45, 28.78' LT.
 ELEV. 518.47

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	27
FEDERAL AID PROJECT		CONTRACT 97522		



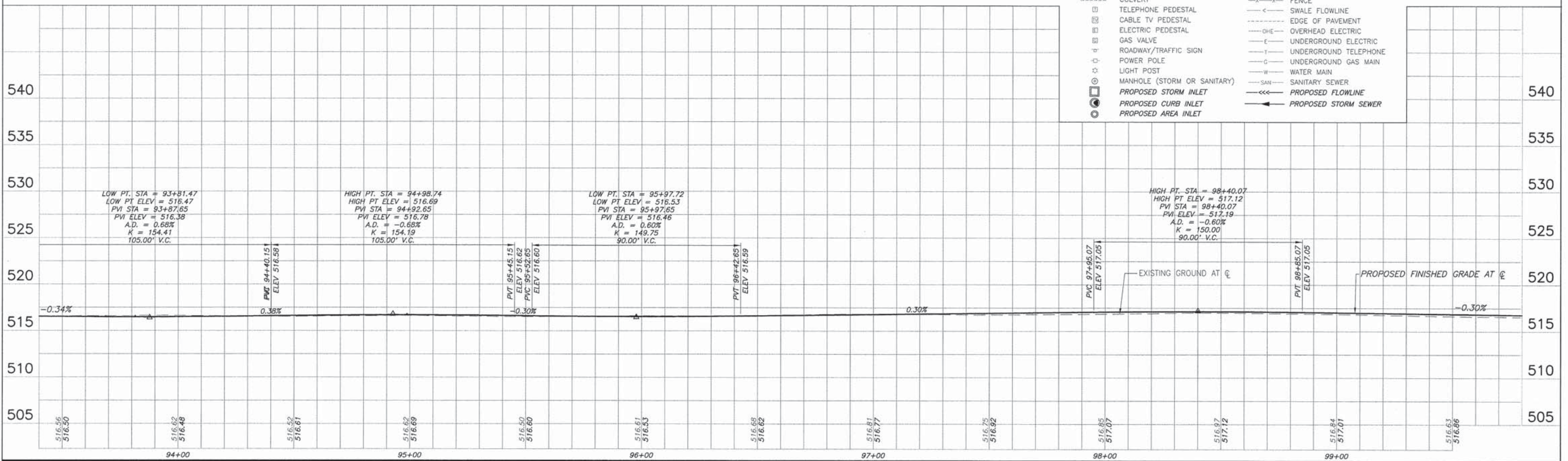
* HOLES IN ADJOINING MANHOLES SHALL BE CONSTRUCTED ADJACENT TO THE NORTH WALL OF THE MANHOLE TO FACILITATE CONSTRUCTION AROUND EXISTING UTILITIES.

MARSHALL-WRIGHT CO.
 BOOK 240, PAGE 523
 PARCEL NO. 14-21-000-007

LEGEND

○	TREE	—	GUY WIRE
□	MAILBOX	⊗	WATER METER
▣	STORM INLET	⊕	WATER VALVE
▤	CULVERT	—X—X—	FENCE
▥	TELEPHONE PEDESTAL	—○—	SWALE FLOWLINE
▦	CABLE TV PEDESTAL	---	EDGE OF PAVEMENT
▧	ELECTRIC PEDESTAL	—OHE—	OVERHEAD ELECTRIC
▨	GAS VALVE	—E—	UNDERGROUND ELECTRIC
▩	ROADWAY/TRAFFIC SIGN	—T—	UNDERGROUND TELEPHONE
⊙	POWER POLE	—G—	UNDERGROUND GAS MAIN
⊕	LIGHT POST	—W—	WATER MAIN
⊗	MANHOLE (STORM OR SANITARY)	—SAN—	SANITARY SEWER
⊙	PROPOSED STORM INLET	—<<<	PROPOSED FLOWLINE
⊙	PROPOSED CURB INLET	—>>>	PROPOSED STORM SEWER
⊙	PROPOSED AREA INLET		

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



PLAN AND PROFILE CALUMET & AIRPORT ROAD IMPROVEMENTS
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

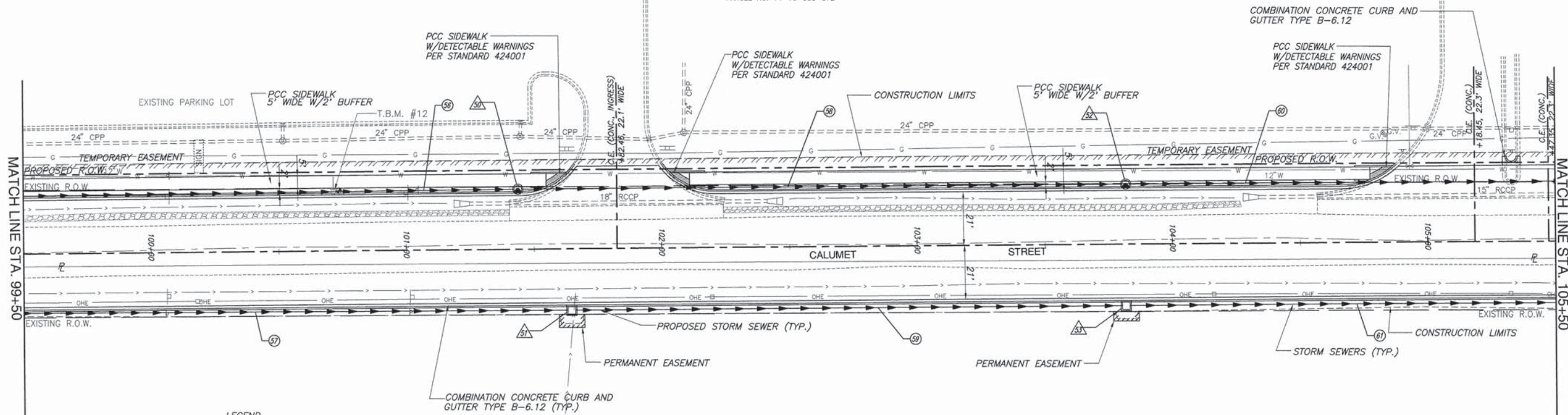
BENCHMARKS

T.B.M. #12: TOP OF WEST BOLT ON FIRE HYDRANT, LOCATED AT CENTER OF FRONT OF PARKING LOT OF CENTRALIA HIGH SCHOOL. ELEV. 518.26

NOTE: ALL SIDEROAD/ENTRANCE RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS.

CENTRALIA HIGH SCHOOL, DISTRICT #200
DOCUMENT NO. 2004R1483
TRACT 1
PARCEL NO. 14-16-000-072

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	28
FEDERAL AID PROJECT		CONTRACT 97522		

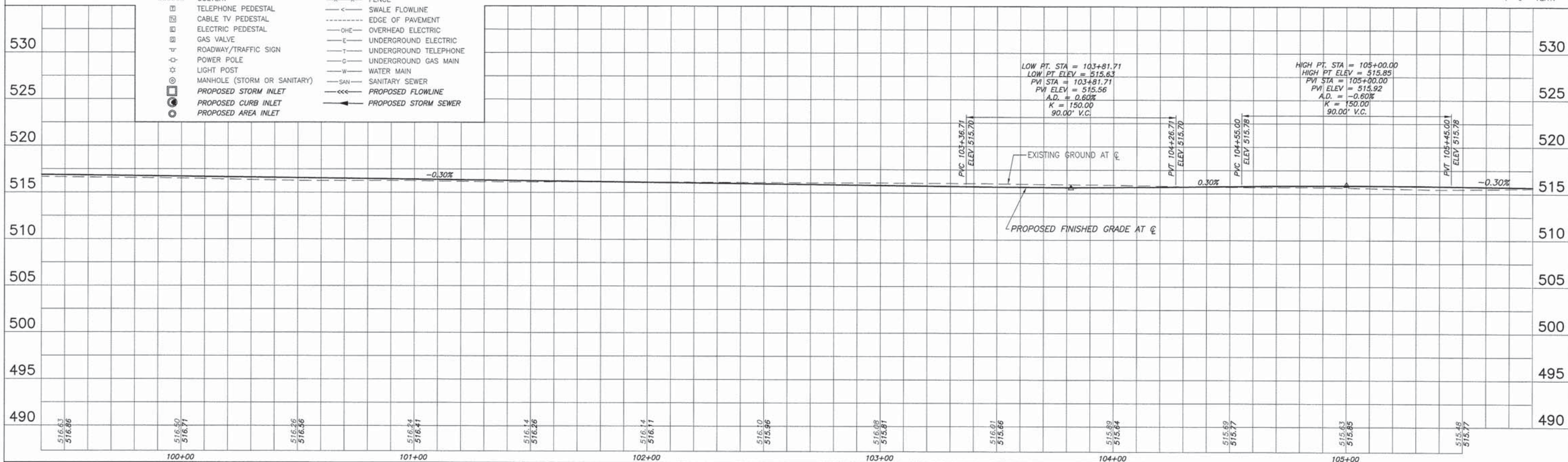


LEGEND

	TREE		GUY WIRE
	MAILBOX		WATER METER
	STORM INLET		WATER VALVE
	CULVERT		FENCE
	TELEPHONE PEDESTAL		SWALE FLOWLINE
	CABLE TV PEDESTAL		EDGE OF PAVEMENT
	ELECTRIC PEDESTAL		OVERHEAD ELECTRIC
	GAS VALVE		UNDERGROUND ELECTRIC
	ROADWAY/TRAFFIC SIGN		UNDERGROUND TELEPHONE
	POWER POLE		UNDERGROUND GAS MAIN
	LIGHT POST		WATER MAIN
	MANHOLE (STORM OR SANITARY)		SANITARY SEWER
	PROPOSED STORM INLET		PROPOSED FLOWLINE
	PROPOSED CURB INLET		PROPOSED STORM SEWER
	PROPOSED AREA INLET		

MARSHALL-WRIGHT CO.
BOOK 240, PAGE 523
PARCEL NO. 14-21-000-007

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



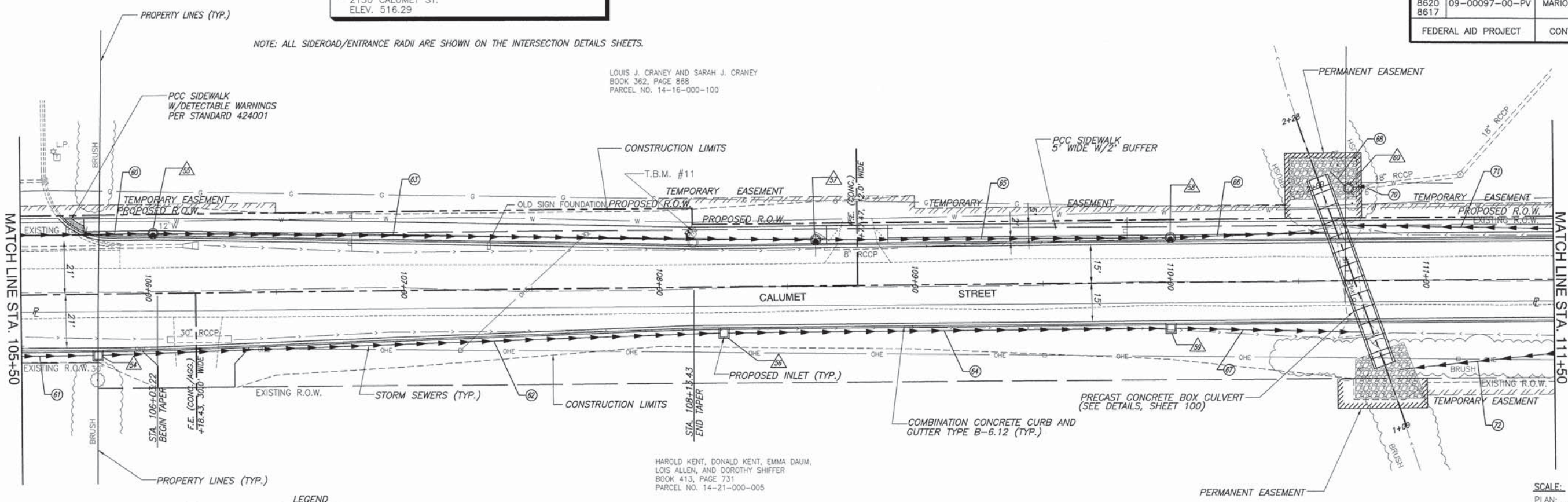
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	29
FEDERAL AID PROJECT			CONTRACT 97522	

BENCHMARKS
 T.B.M. #11: TOP OF SOUTH BOLT ON FIRE HYDRANT,
 2150 CALUMET ST.
 ELEV. 516.29

NOTE: ALL SIDEROAD/ENTRANCE RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS.

LOUIS J. CRANEY AND SARAH J. CRANEY
 BOOK 362, PAGE 868
 PARCEL NO. 14-16-000-100

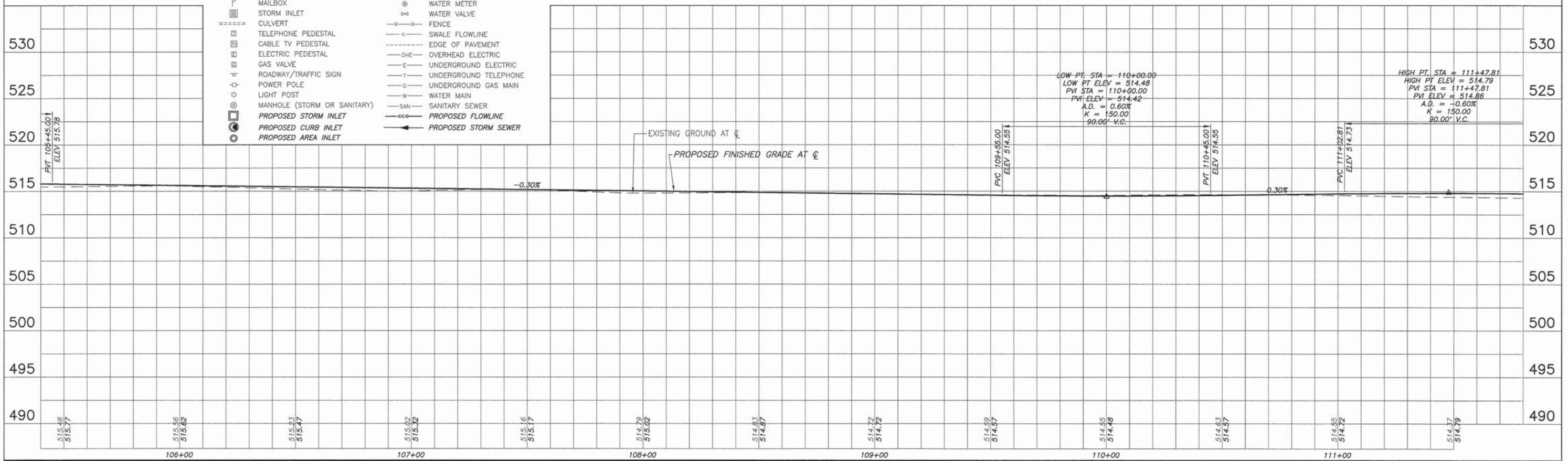
HAROLD KENT, DONALD KENT, EMMA DAUM,
 LOIS ALLEN, AND DOROTHY SHIFFER
 BOOK 413, PAGE 731
 PARCEL NO. 14-21-000-005



LEGEND

<ul style="list-style-type: none"> ○ TREE □ MAILBOX □ STORM INLET □ CULVERT □ TELEPHONE PEDESTAL □ CABLE TV PEDESTAL □ ELECTRIC PEDESTAL □ GAS VALVE □ ROADWAY/TRAFFIC SIGN □ POWER POLE □ LIGHT POST □ MANHOLE (STORM OR SANITARY) □ PROPOSED STORM INLET □ PROPOSED CURB INLET □ PROPOSED AREA INLET 	<ul style="list-style-type: none"> — GUY WIRE ⊙ WATER METER ⊕ WATER VALVE -x-x- FENCE - - - SWALE FLOWLINE - - - EDGE OF PAVEMENT -OHE- OVERHEAD ELECTRIC -E- UNDERGROUND ELECTRIC -T- UNDERGROUND TELEPHONE -G- UNDERGROUND GAS MAIN -W- WATER MAIN -SAN- SANITARY SEWER -<<<- PROPOSED FLOWLINE -<<<- PROPOSED STORM INLET -<<<- PROPOSED STORM SEWER
---	---

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

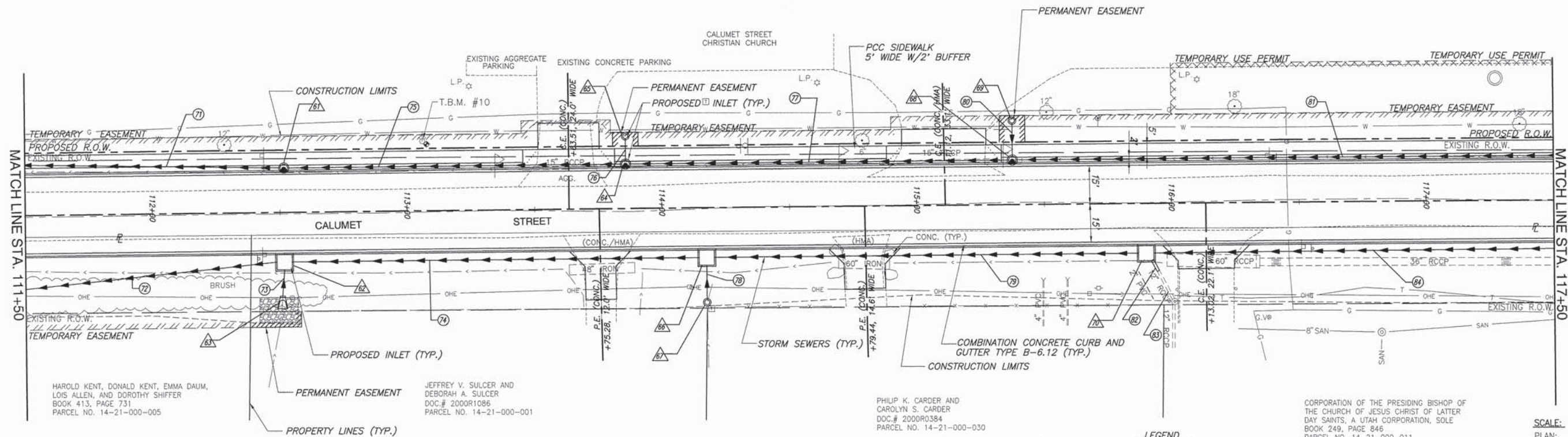


BENCHMARKS

T.B.M. #10: TOP OF SOUTH BOLT ON FIRE HYDRANT,
WEST END OF CHURCH.
ELEV. 516.38

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	30
FEDERAL AID PROJECT		CONTRACT 97522		

HICKORY STREET CHRISTIAN CHURCH
NKA CALUMET STREET CHRISTIAN CHURCH
BOOK 339, PAGE 317
PARCEL NO. 14-16-000-101



HAROLD KENT, DONALD KENT, EMMA DAUM,
LOIS ALLEN, AND DOROTHY SHIFFER
BOOK 413, PAGE 731
PARCEL NO. 14-21-000-005

JEFFREY V. SULGER AND
DEBORAH A. SULGER
DOC.# 2000R1086
PARCEL NO. 14-21-000-001

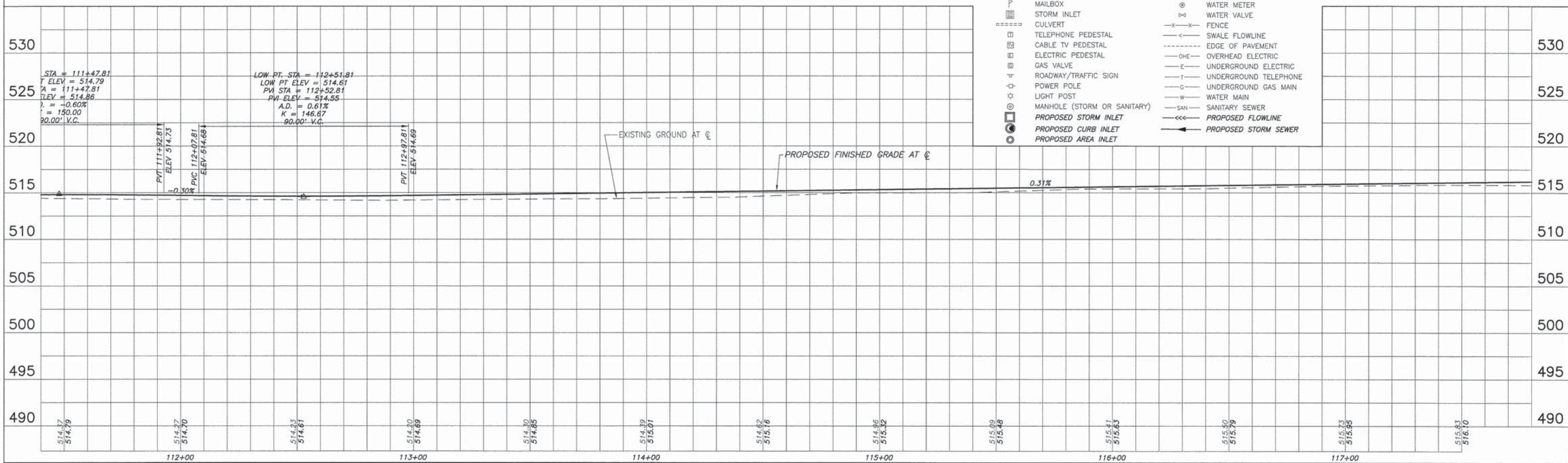
PHILIP K. CARDER AND
CAROLYN S. CARDER
DOC.# 2000R0384
PARCEL NO. 14-21-000-030

CORPORATION OF THE PRESIDING BISHOP OF
THE CHURCH OF JESUS CHRIST OF LATTER
DAY SAINTS, A UTAH CORPORATION, SOLE
BOOK 249, PAGE 846
PARCEL NO. 14-21-000-011

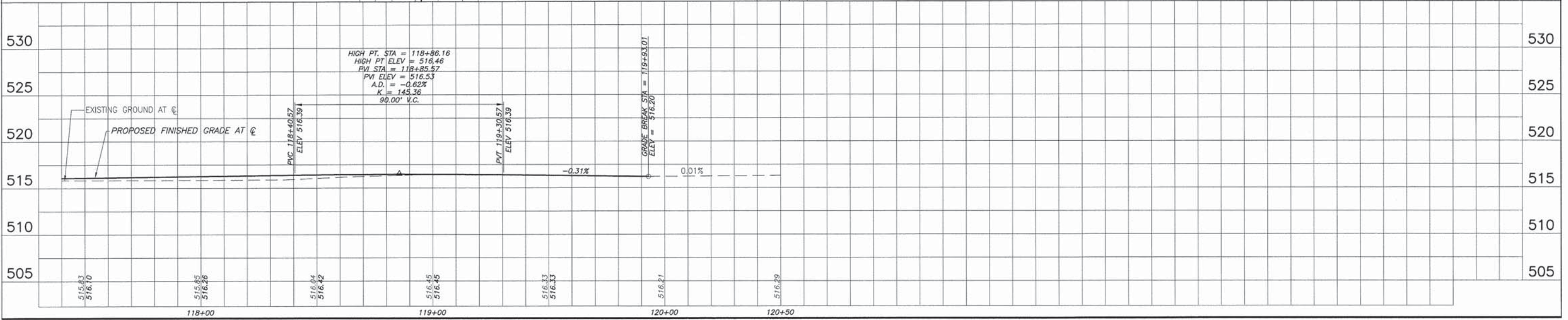
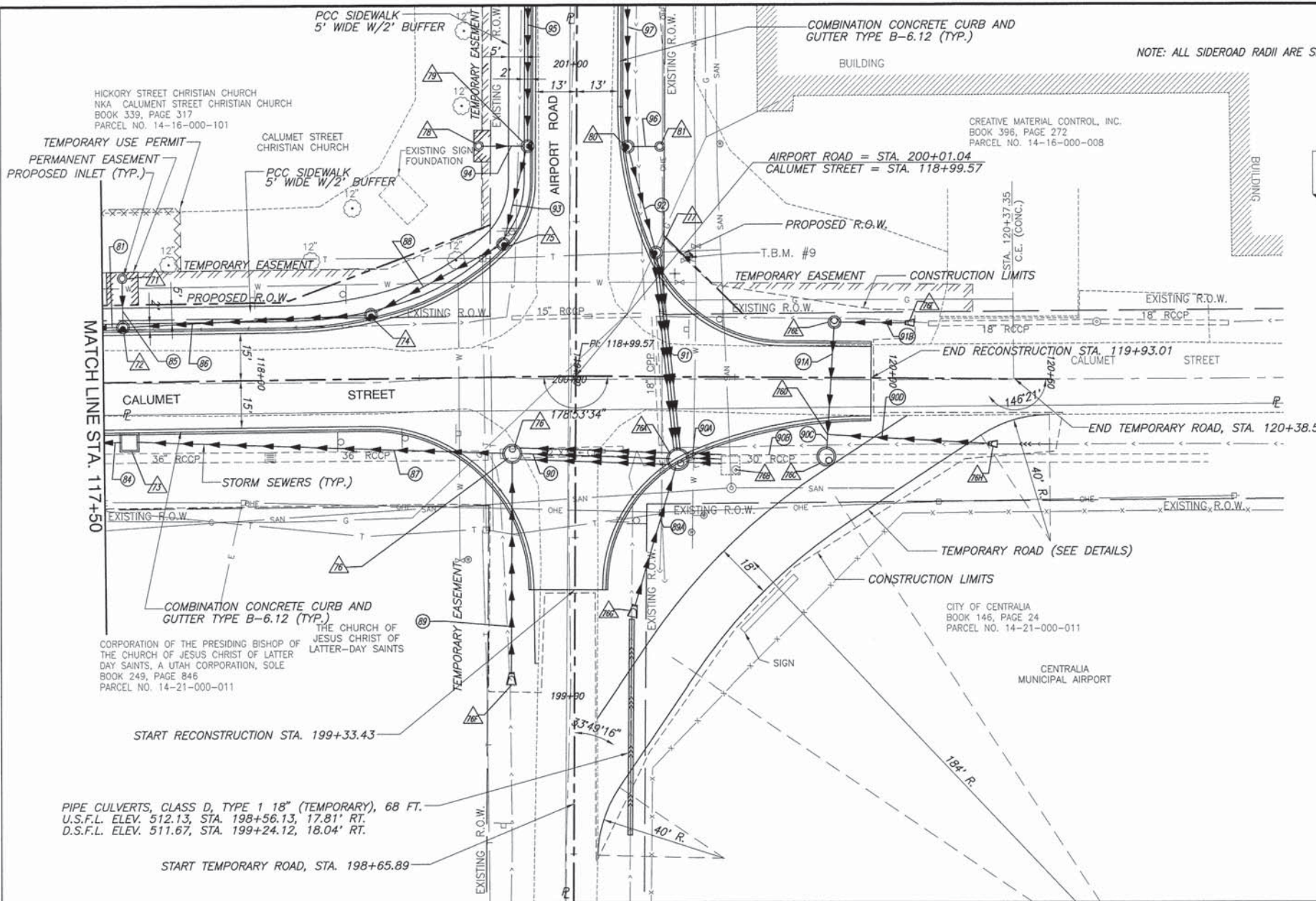
LEGEND

- TREE
- MAILBOX
- STORM INLET
- CULVERT
- TELEPHONE PEDESTAL
- CABLE TV PEDESTAL
- ELECTRIC PEDESTAL
- GAS VALVE
- ROADWAY/TRAFFIC SIGN
- POWER POLE
- LIGHT POST
- MANHOLE (STORM OR SANITARY)
- PROPOSED STORM INLET
- PROPOSED CURB INLET
- PROPOSED AREA INLET
- GUY WIRE
- WATER METER
- WATER VALVE
- FENCE
- SWALE FLOWLINE
- EDGE OF PAVEMENT
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND GAS MAIN
- WATER MAIN
- SANITARY SEWER
- PROPOSED FLOWLINE
- PROPOSED STORM SEWER

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



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	31
FEDERAL AID PROJECT		CONTRACT 97522		



PLAN AND PROFILE CALUMET & AIRPORT ROAD IMPROVEMENTS
 SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	32
8620				
8617				

FEDERAL AID PROJECT CONTRACT 97522

BENCHMARKS

T.B.M. #9: TOP OF SOUTH BOLT ON FIRE HYDRANT, N.E. QUADRANT OF AIRPORT RD. & CALUMET ST. ELEV. 517.44

CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS, A UTAH CORPORATION, SOLE BOOK 249, PAGE 846, PARCEL NO. 14-21-000-011

AIRPORT ROAD = STA. 200+01.04
CALUMET STREET = STA. 118+99.57

NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS

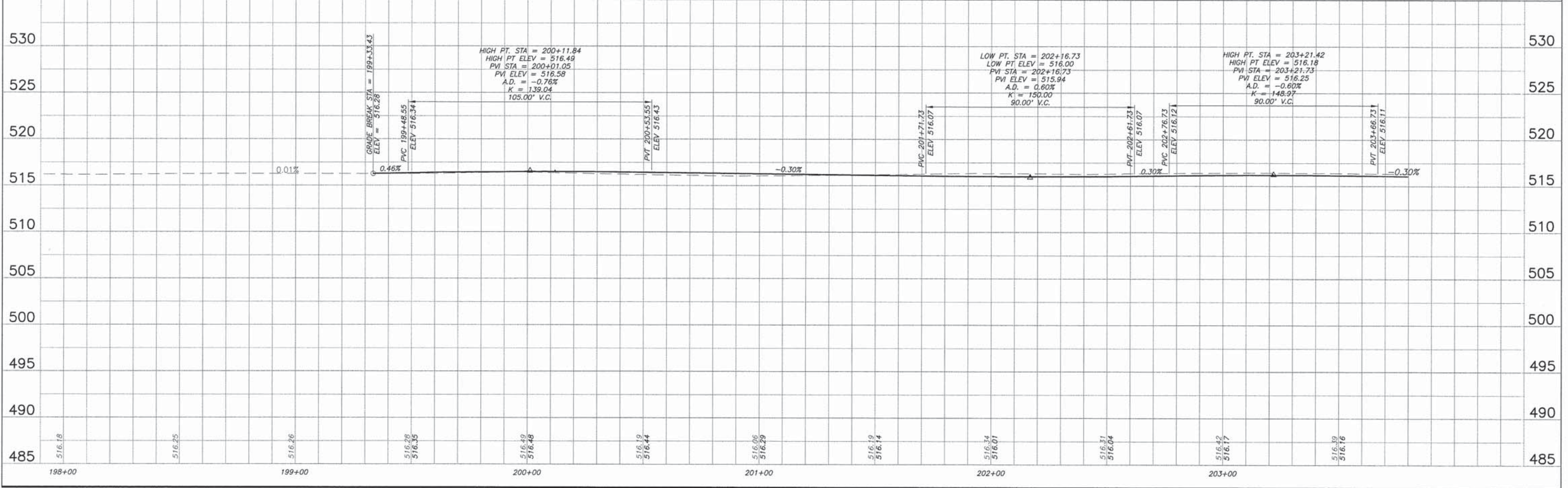
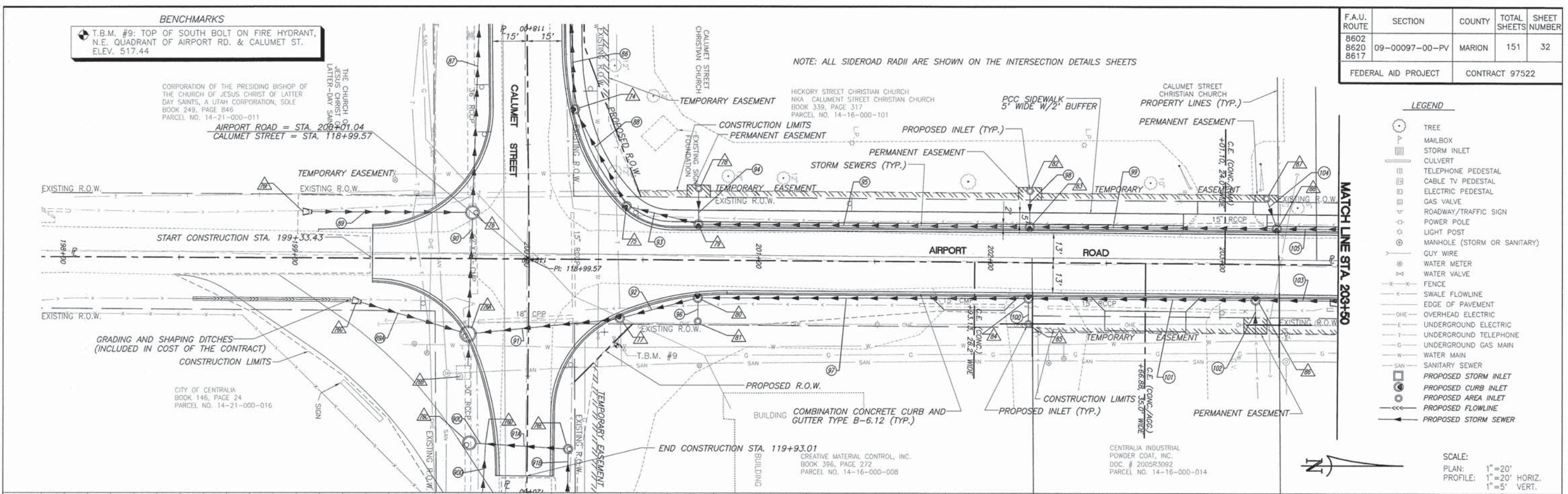
HICKORY STREET CHRISTIAN CHURCH
NKA CALUMET STREET CHRISTIAN CHURCH
BOOK 339, PAGE 317
PARCEL NO. 14-16-000-101

CALUMET STREET CHRISTIAN CHURCH
PROPERTY LINES (TYP.)

LEGEND

- TREE
- MAILBOX
- STORM INLET
- CULVERT
- TELEPHONE PEDESTAL
- CABLE TV PEDESTAL
- ELECTRIC PEDESTAL
- GAS VALVE
- ROADWAY/TRAFFIC SIGN
- POWER POLE
- LIGHT POST
- MANHOLE (STORM OR SANITARY)
- GUY WIRE
- WATER METER
- WATER VALVE
- FENCE
- SWALE FLOWLINE
- EDGE OF PAVEMENT
- OHE OVERHEAD ELECTRIC
- UG UNDERGROUND ELECTRIC
- UG UNDERGROUND TELEPHONE
- UG UNDERGROUND GAS MAIN
- W WATER MAIN
- SAN SANITARY SEWER
- PROPOSED STORM INLET
- PROPOSED CURB INLET
- PROPOSED AREA INLET
- PROPOSED FLOWLINE
- PROPOSED STORM SEWER

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



BENCHMARKS

T.B.M. #7: RAILROAD SPIKE IN POWER POLE,
SOUTH END OF ORCHARDVILLE CHURCH.
ELEV. 516.16

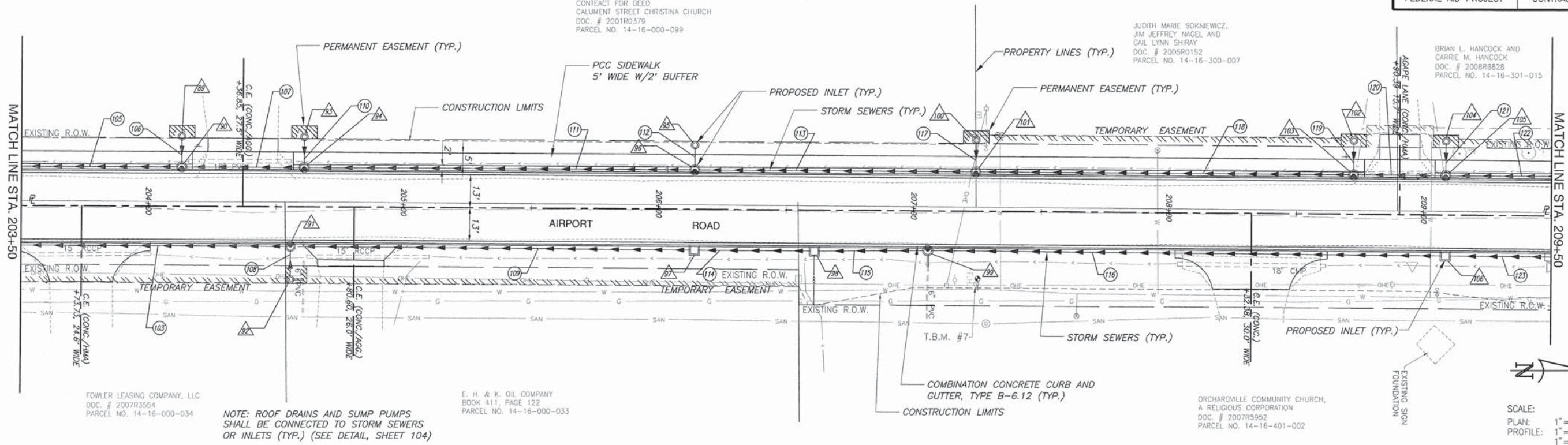
ROBERT FRAZIER AND MARY E. FRAZIER
BOOK 257, PAGE 425
CONTACT FOR DEED
CALUMET STREET CHRISTINA CHURCH
DOC. # 2001R0379
PARCEL NO. 14-16-000-099

JUDITH MARIE SOKNIEWICZ,
JIM JEFFREY NAGEL AND
GAIL LYNN SHIRAY
DOC. # 2005RD152
PARCEL NO. 14-16-300-007

BRIAN L. HANCOCK AND
CARRIE M. HANCOCK
DOC. # 2008R6828
PARCEL NO. 14-16-301-015

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	33
8620				
8617				

FEDERAL AID PROJECT CONTRACT 97522

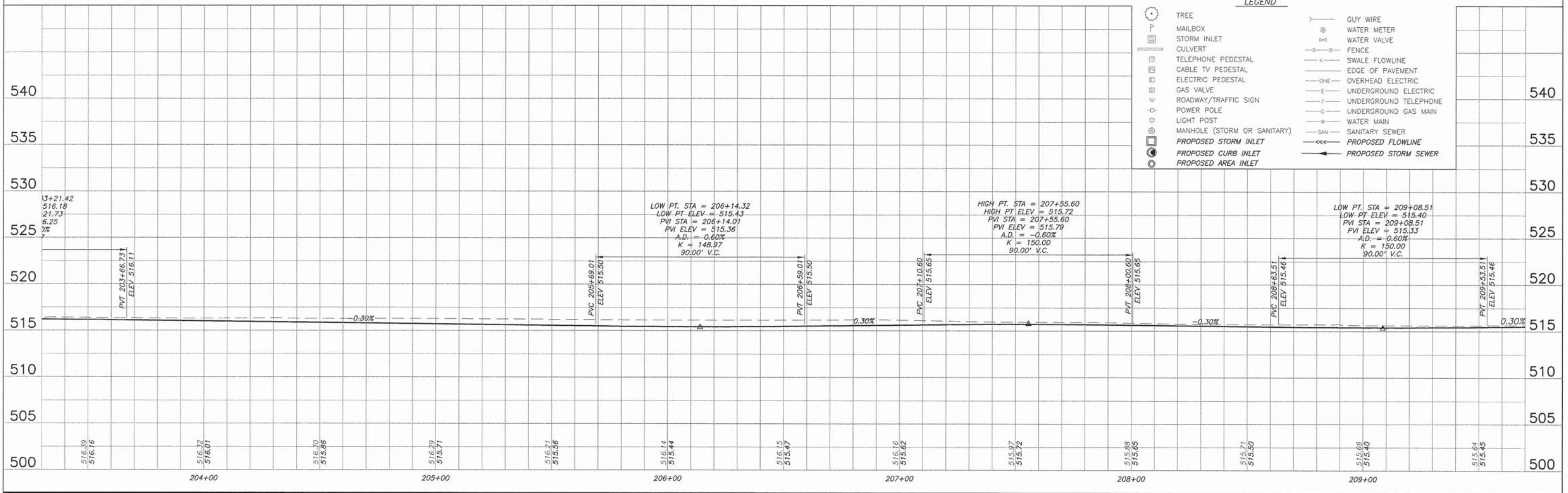


NOTE: ROOF DRAINS AND SUMP PUMPS SHALL BE CONNECTED TO STORM SEWERS OR INLETS (TYP.) (SEE DETAIL, SHEET 104)

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

LEGEND

	TREE		GUY WIRE
	MAILBOX		WATER METER
	STORM INLET		WATER VALVE
	CULVERT		FENCE
	TELEPHONE PEDESTAL		SWALE FLOWLINE
	CABLE TV PEDESTAL		EDGE OF PAVEMENT
	ELECTRIC PEDESTAL		OVERHEAD ELECTRIC
	GAS VALVE		UNDERGROUND ELECTRIC
	ROADWAY/TRAFFIC SIGN		UNDERGROUND TELEPHONE
	POWER POLE		UNDERGROUND GAS MAIN
	LIGHT POST		WATER MAIN
	MANHOLE (STORM OR SANITARY)		SANITARY SEWER
	PROPOSED STORM INLET		PROPOSED FLOWLINE
	PROPOSED CURB INLET		PROPOSED STORM SEWER
	PROPOSED AREA INLET		



BENCHMARKS

T.B.M. #5: TOP OF NORTH BOLT ON FIRE HYDRANT, NORTH END OF ORCHARDVILLE CHURCH, ELEV. 516.84

BRIAN L. HANCOCK AND
CARRIE M. HANCOCK
DOC. # 2008R6828
PARCEL NO. 14-16-301-015

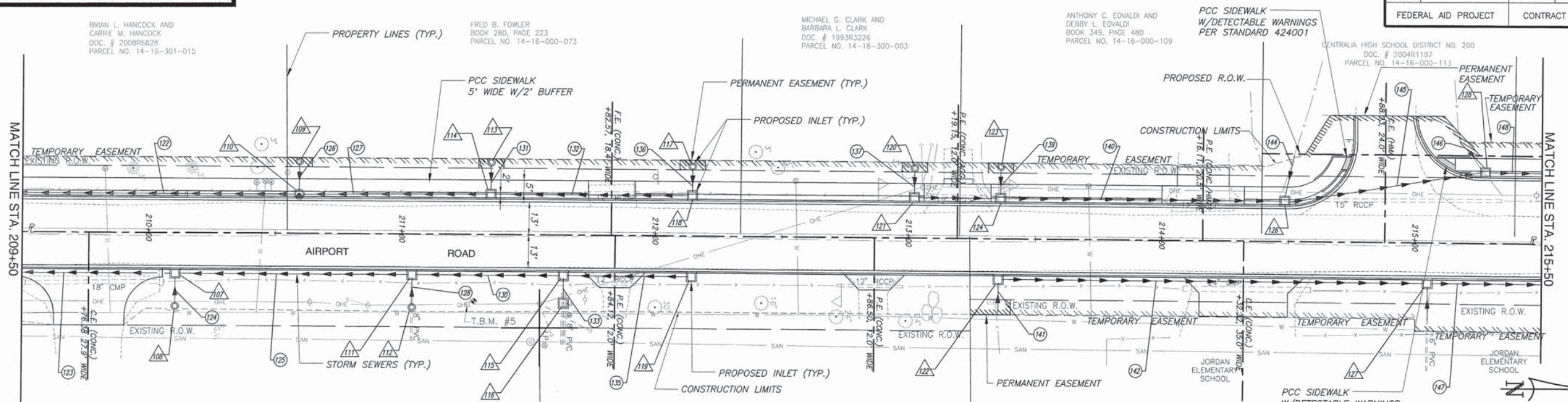
FRED B. FOWLER
BOOK 280, PAGE 223
PARCEL NO. 14-16-000-073

MICHAEL G. CLARK AND
BARBARA L. CLARK
DOC. # 1993R3226
PARCEL NO. 14-16-300-003

ANTHONY C. EOVALDI AND
DEBBY L. EOVALDI
BOOK 349, PAGE 480
PARCEL NO. 14-16-000-109

NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	34
FEDERAL AID PROJECT		CONTRACT 97522		



ORCHARDVILLE COMMUNITY CHURCH,
A RELIGIOUS CORPORATION
DOC. # 2007R5952
PARCEL NO. 14-16-401-002

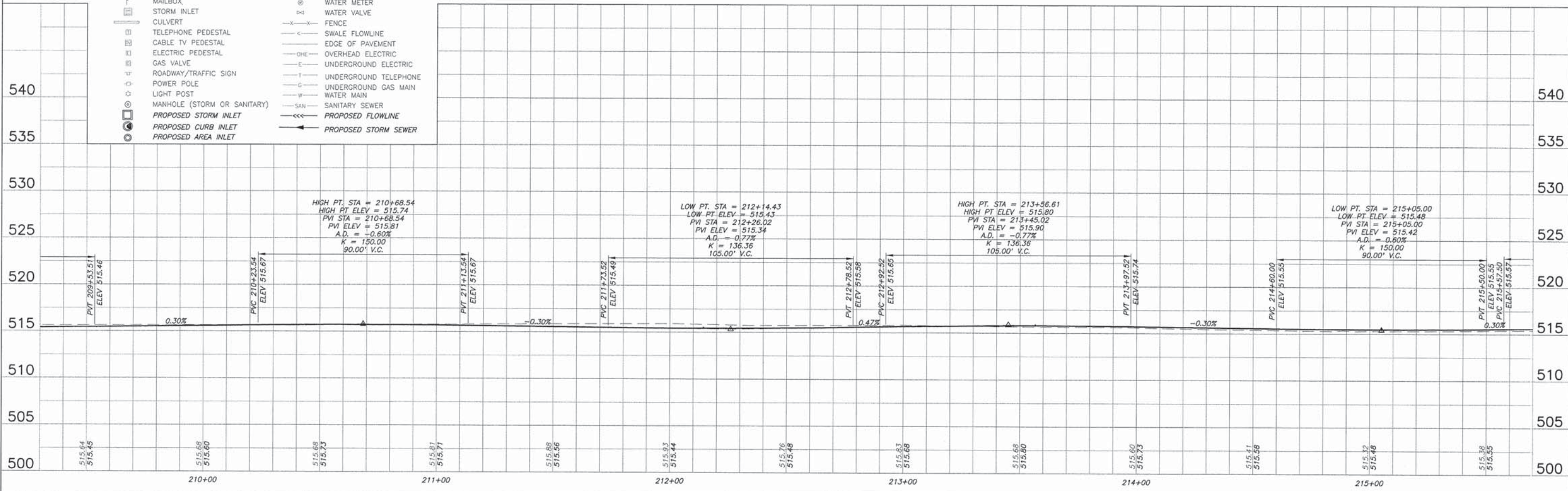
NOTE: ROOF DRAINS AND SUMP PUMPS
SHALL BE CONNECTED TO STORM SEWERS
OR INLETS (SEE DETAIL, SHEET 104)

ALAN SCHNEIDER
DOC. # 2004R47046
PARCEL NO. 14-16-401-001

COUNTY BOARD OF SCHOOL TRUSTEES OF MARION COUNTY, ILLINOIS
BOOK 257, PAGE 285
PARCEL NO. 14-16-000-060

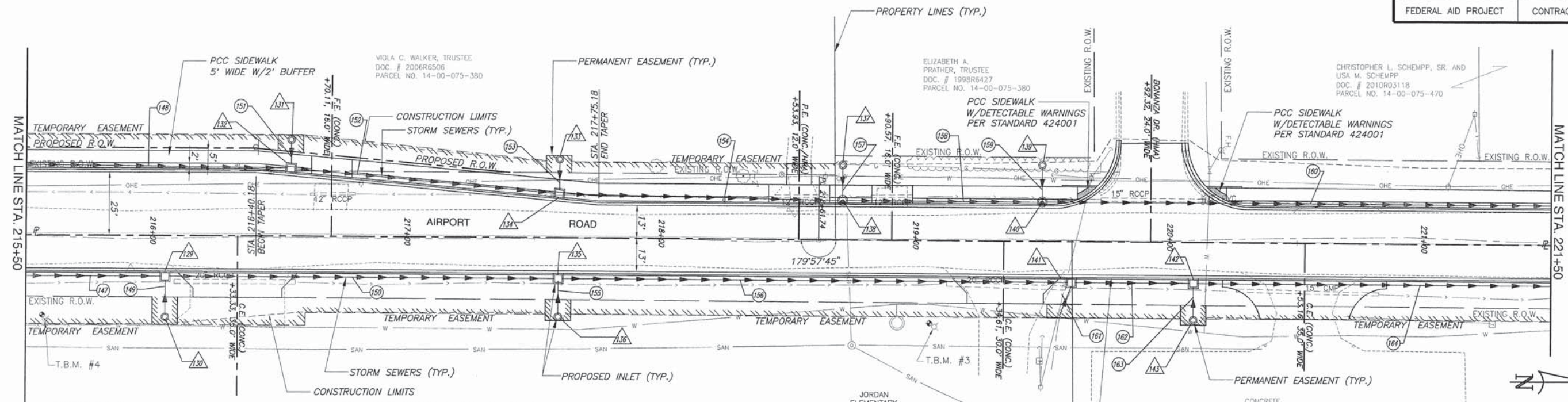
SCALE:
PLAN: 1"=20'
PROFILE: 1"=20' HORIZ.
1"=5' VERT.

- LEGEND**
- TREE
 - MAILBOX
 - STORM INLET
 - CULVERT
 - TELEPHONE PEDESTAL
 - CABLE TV PEDESTAL
 - ELECTRIC PEDESTAL
 - GAS VALVE
 - ROADWAY/TRAFFIC SIGN
 - POWER POLE
 - LIGHT POST
 - MANHOLE (STORM OR SANITARY)
 - PROPOSED STORM INLET
 - PROPOSED CURB INLET
 - PROPOSED AREA INLET
 - GUY WIRE
 - ⊙ WATER METER
 - ⊙ WATER VALVE
 - x-x- FENCE
 - - - SWALE FLOWLINE
 - - - EDGE OF PAVEMENT
 - OHE- OVERHEAD ELECTRIC
 - E- UNDERGROUND ELECTRIC
 - T- UNDERGROUND TELEPHONE
 - G- UNDERGROUND GAS MAIN
 - W- WATER MAIN
 - SAN- SANITARY SEWER
 - - - PROPOSED FLOWLINE
 - - - PROPOSED STORM SEWER



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	35
FEDERAL AID PROJECT			CONTRACT 97522	

NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS



BENCHMARKS

- T.B.M. #3: TOP OF CENTER BOLT ON FIRE HYDRANT, NORTH END OF JORDAN SCHOOL. ELEV. 517.31
- T.B.M. #4: TOP OF NORTH BOLT ON FIRE HYDRANT, SOUTH END OF JORDAN SCHOOL. ELEV. 516.88

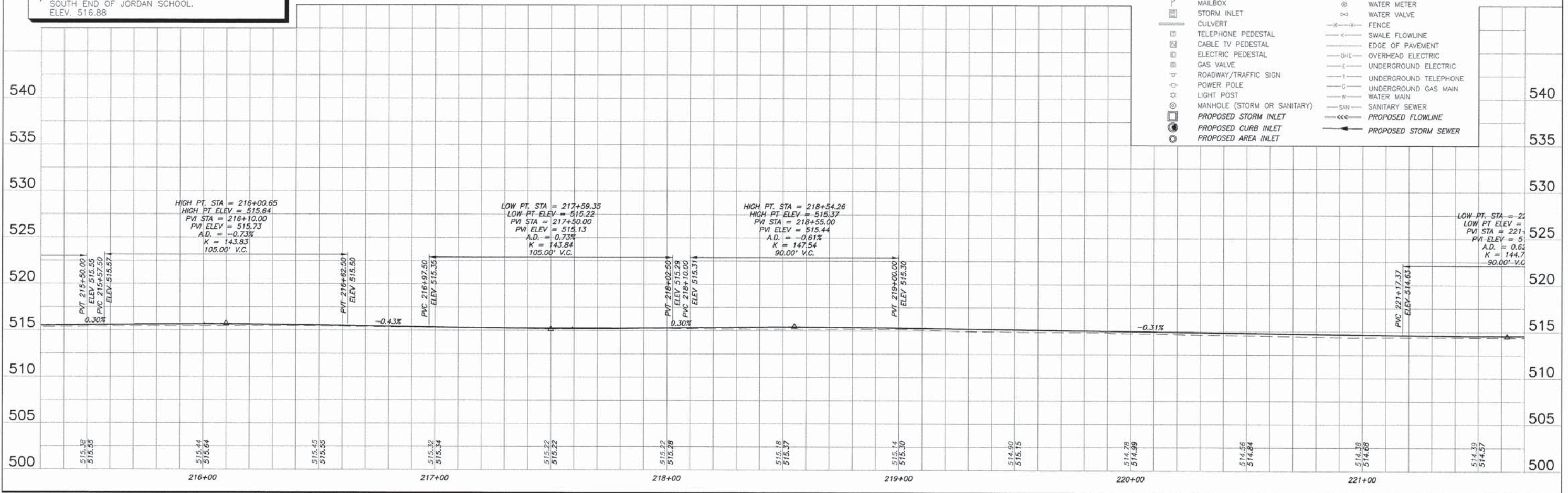
COUNTY BOARD OF SCHOOL TRUSTEES OF MARION COUNTY, ILLINOIS
BOOK 257, PAGE 285
PARCEL NO. 14-16-000-060

KASKASKIA COLLEGE
DOC.# 2003R0996
PARCEL NO. 14-16-000-030

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

LEGEND

	TREE		GUY WIRE
	MAILBOX		WATER METER
	STORM INLET		WATER VALVE
	CULVERT		FENCE
	TELEPHONE PEDESTAL		SWALE FLOWLINE
	CABLE TV PEDESTAL		EDGE OF PAVEMENT
	ELECTRIC PEDESTAL		OVERHEAD ELECTRIC
	GAS VALVE		UNDERGROUND ELECTRIC
	ROADWAY/TRAFFIC SIGN		UNDERGROUND TELEPHONE
	POWER POLE		UNDERGROUND GAS MAIN
	LIGHT POST		WATER MAIN
	MANHOLE (STORM OR SANITARY)		SANITARY SEWER
	PROPOSED STORM INLET		PROPOSED FLOWLINE
	PROPOSED CURB INLET		PROPOSED STORM SEWER
	PROPOSED AREA INLET		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	36
FEDERAL AID PROJECT			CONTRACT 97522	

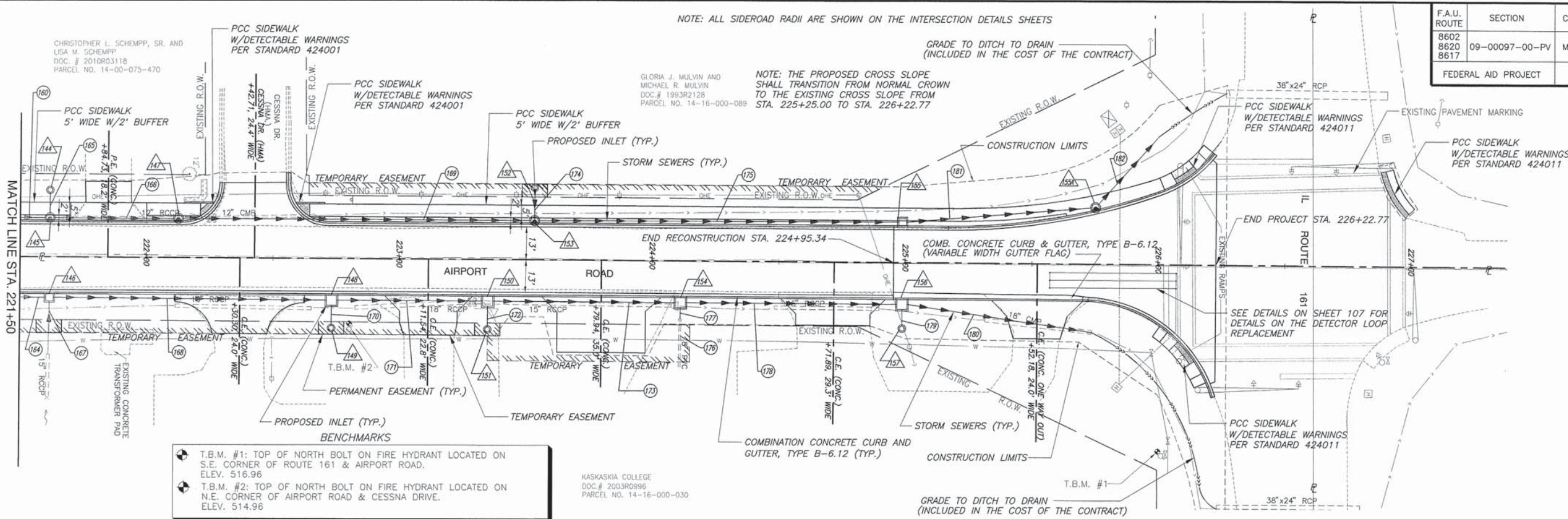
NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS

NOTE: THE PROPOSED CROSS SLOPE SHALL TRANSITION FROM NORMAL CROWN TO THE EXISTING CROSS SLOPE FROM STA. 225+25.00 TO STA. 226+22.77

GLORIA J. MULVIN AND
MICHAEL R. MULVIN
DOC. # 1993R2128
PARCEL NO. 14-16-000-089

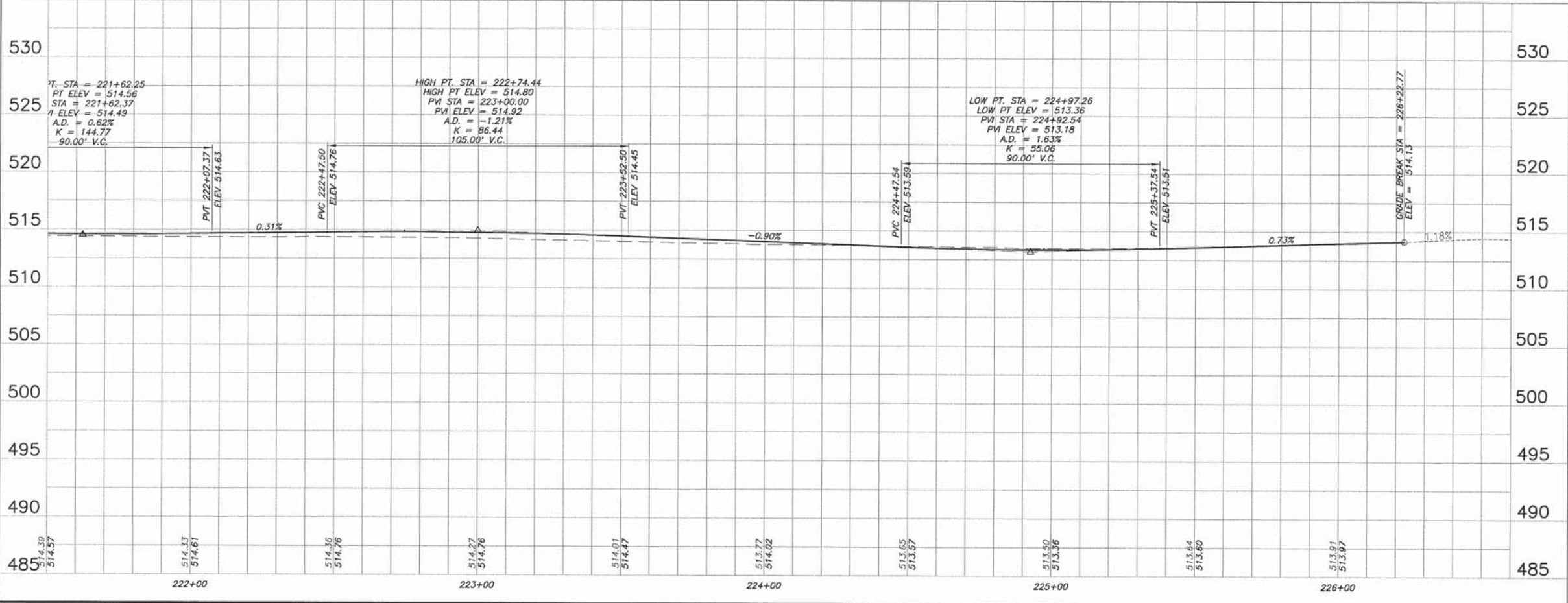
KASKASKIA COLLEGE
DOC. # 2003R0996
PARCEL NO. 14-16-000-030

CHRISTOPHER L. SCHEMP, SR. AND
LISA M. SCHEMP
DOC. # 2010R03118
PARCEL NO. 14-00-075-470



BENCHMARKS

- T.B.M. #1: TOP OF NORTH BOLT ON FIRE HYDRANT LOCATED ON S.E. CORNER OF ROUTE 161 & AIRPORT ROAD. ELEV. 516.96
- T.B.M. #2: TOP OF NORTH BOLT ON FIRE HYDRANT LOCATED ON N.E. CORNER OF AIRPORT ROAD & CESSNA DRIVE. ELEV. 514.96



- LEGEND**
- TREE
 - MAILBOX
 - STORM INLET
 - CULVERT
 - TELEPHONE PEDESTAL
 - CABLE TV PEDESTAL
 - ELECTRIC PEDESTAL
 - GAS VALVE
 - ROADWAY/TRAFFIC SIGN
 - POWER POLE
 - LIGHT POST
 - MANHOLE (STORM OR SANITARY)
 - GUY WIRE
 - WATER METER
 - WATER VALVE
 - FENCE
 - SWALE FLOWLINE
 - EDGE OF PAVEMENT
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UNDERGROUND TELEPHONE
 - UNDERGROUND GAS MAIN
 - WATER MAIN
 - SANITARY SEWER
 - PROPOSED STORM INLET
 - PROPOSED CURB INLET
 - PROPOSED AREA INLET
 - PROPOSED FLOWLINE
 - PROPOSED STORM SEWER

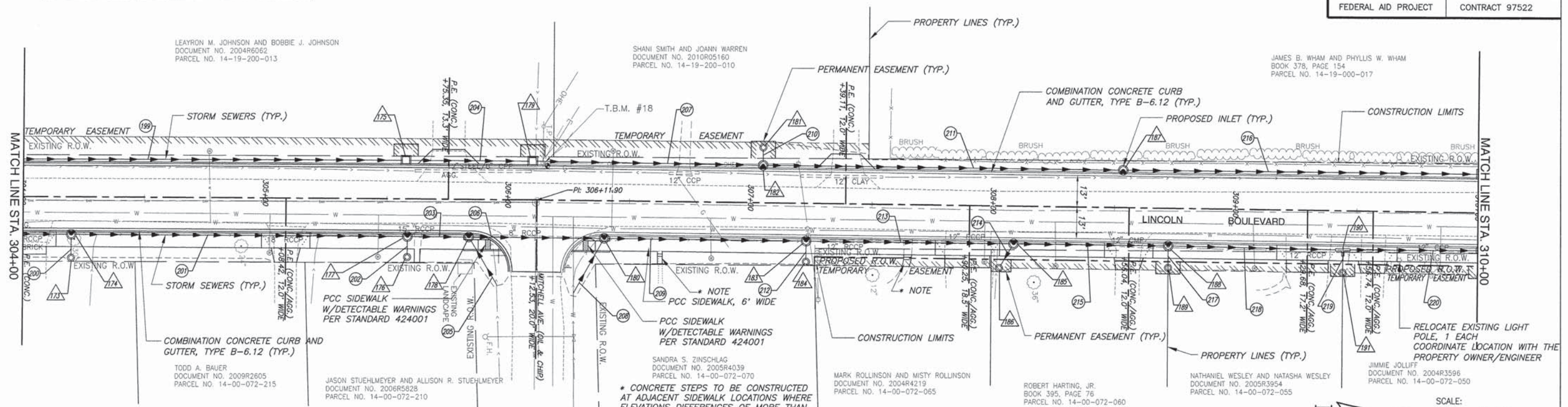
SCALE:
PLAN: 1"=20'
PROFILE: 1"=20' HORIZ.
1"=5' VERT.

BENCHMARKS

T.B.M. #18: RAILROAD SPIKE IN POWER POLE,
WEST OF LINCOLN BLVD./MITCHELL AVE. INTERSECTION.
ELEV. 515.38

NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	38
FEDERAL AID PROJECT			CONTRACT 97522	

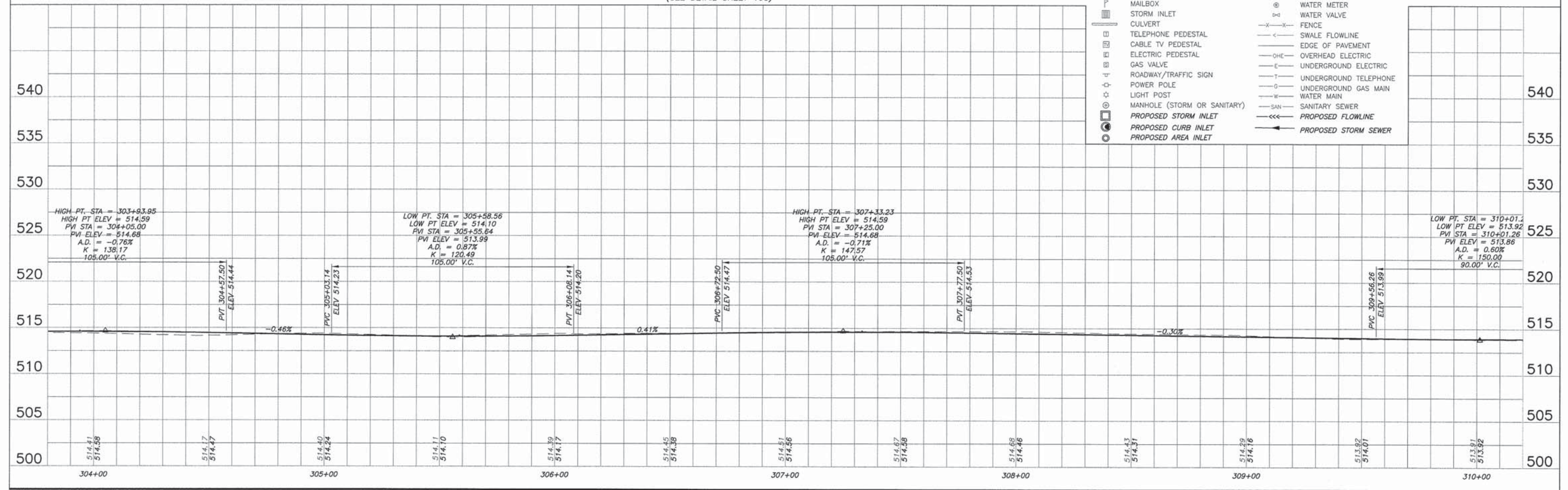


* CONCRETE STEPS TO BE CONSTRUCTED AT ADJACENT SIDEWALK LOCATIONS WHERE ELEVATIONS DIFFERENCES OF MORE THAN 4" EXIST. CONCRETE STEPS SHALL BE INCLUDED IN THE COST OF PCC SIDEWALK. (SEE DETAIL SHEET 105)

LEGEND

	TREE		GUY WIRE
	MAILBOX		WATER METER
	STORM INLET		WATER VALVE
	CULVERT		FENCE
	TELEPHONE PEDESTAL		SWALE FLOWLINE
	CABLE TV PEDESTAL		EDGE OF PAVEMENT
	ELECTRIC PEDESTAL		OVERHEAD ELECTRIC
	GAS VALVE		UNDERGROUND ELECTRIC
	ROADWAY/TRAFFIC SIGN		UNDERGROUND TELEPHONE
	POWER POLE		UNDERGROUND GAS MAIN
	LIGHT POST		WATER MAIN
	MANHOLE (STORM OR SANITARY)		SANITARY SEWER
	PROPOSED STORM INLET		PROPOSED FLOWLINE
	PROPOSED CURB INLET		PROPOSED STORM SEWER
	PROPOSED AREA INLET		

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



NOTE: ALL SIDEROAD RADII ARE SHOWN ON THE INTERSECTION DETAILS SHEETS

NOTE: ROOF DRAINS AND SUMP PUMPS SHALL BE CONNECTED TO STORM SEWERS OR INLETS (TYP.) (SEE DETAIL, SHEET 104)

CURB REPLACEMENT (SEE RESURFACING PLAN)

JAMES B. WHAM AND PHYLLIS W. WHAM
BOOK 378, PAGE 154
PARCEL NO. 14-19-000-017

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	39
FEDERAL AID PROJECT			CONTRACT 97522	

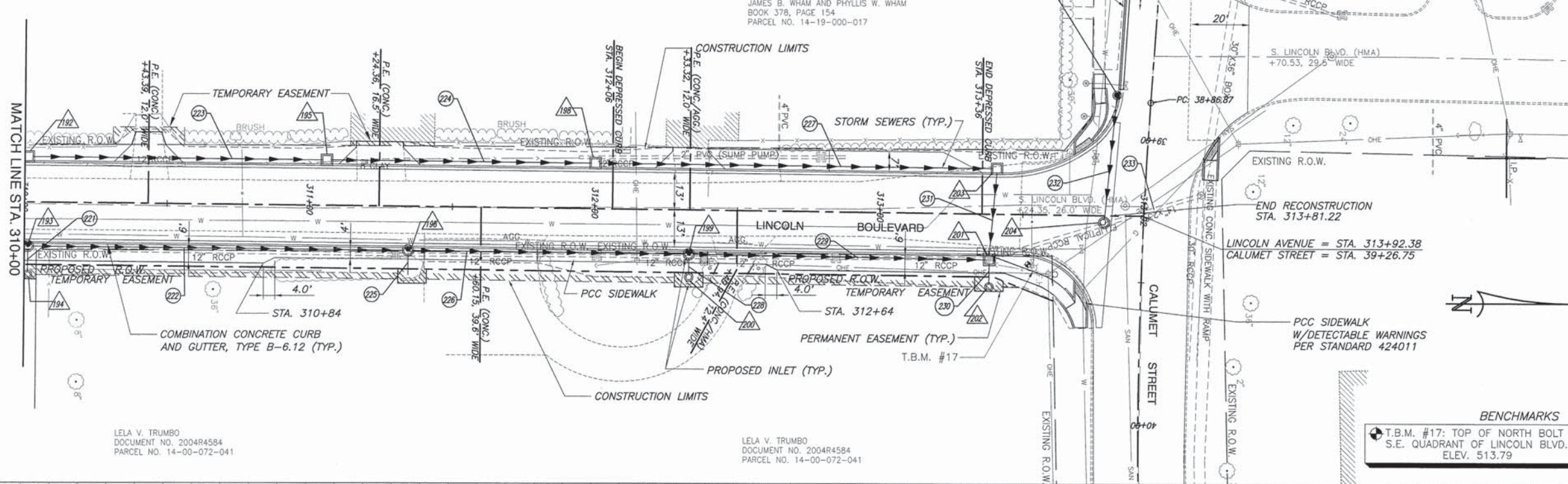
LEGEND

- TREE
- MAILBOX
- STORM INLET
- CULVERT
- TELEPHONE PEDESTAL
- CABLE TV PEDESTAL
- ELECTRIC PEDESTAL
- GAS VALVE
- ROADWAY/TRAFFIC SIGN
- POWER POLE
- LIGHT POST
- MANHOLE (STORM OR SANITARY)
- GUY WIRE
- ⊕ WATER METER
- ⊕ WATER VALVE
- FENCE
- SWALE FLOWLINE
- EDGE OF PAVEMENT
- OHE OVERHEAD ELECTRIC
- UTE UNDERGROUND ELECTRIC
- UTL UNDERGROUND TELEPHONE
- UUG UNDERGROUND GAS MAIN
- WM WATER MAIN
- SAN SANITARY SEWER
- PROPOSED STORM INLET
- PROPOSED CURB INLET
- PROPOSED AREA INLET
- PROPOSED FLOWLINE
- PROPOSED STORM SEWER



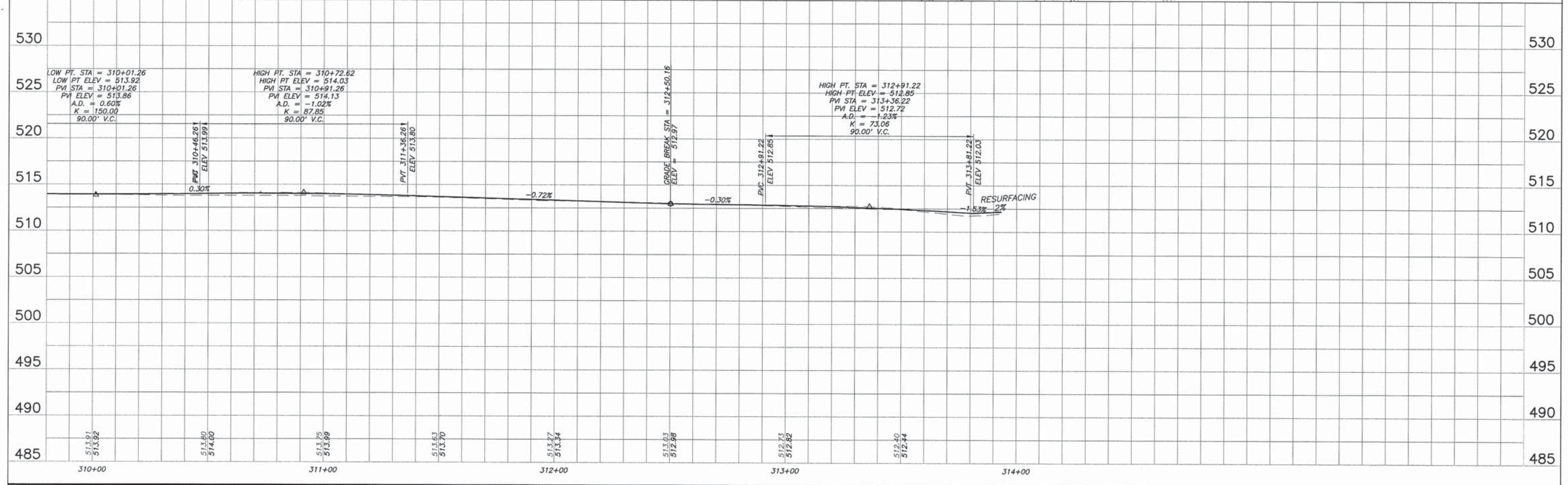
BENCHMARKS
 T.B.M. #17: TOP OF NORTH BOLT ON FIRE HYDRANT, S.E. QUADRANT OF LINCOLN BLVD. & CALUMET ST. ELEV. 513.79

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

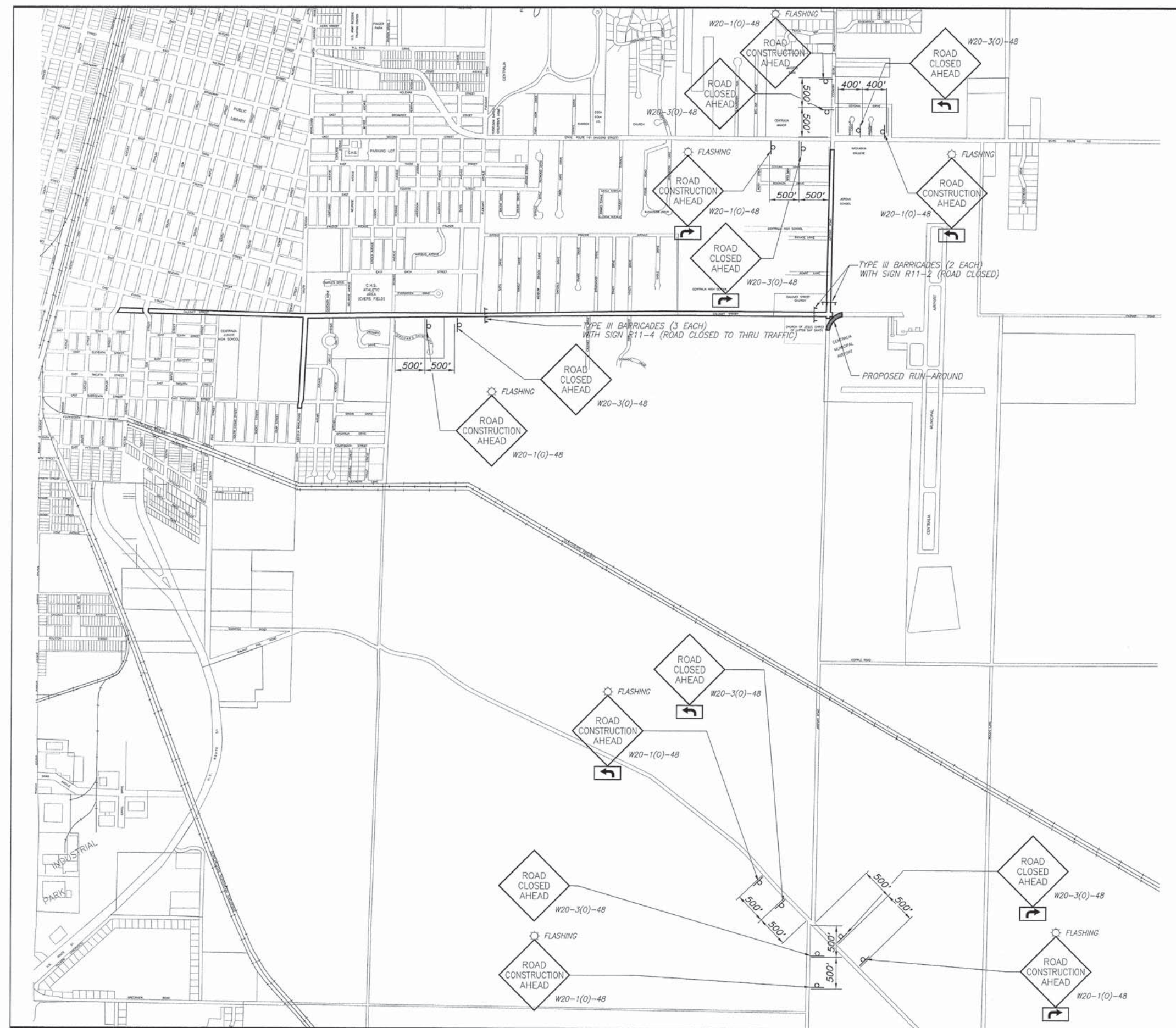


LELA V. TRUMBO
DOCUMENT NO. 2004R4584
PARCEL NO. 14-00-072-041

LELA V. TRUMBO
DOCUMENT NO. 2004R4584
PARCEL NO. 14-00-072-041



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	40
FEDERAL AID PROJECT			CONTRACT 97522	



MAINTENANCE OF TRAFFIC AND SEQUENCE OF CONSTRUCTION

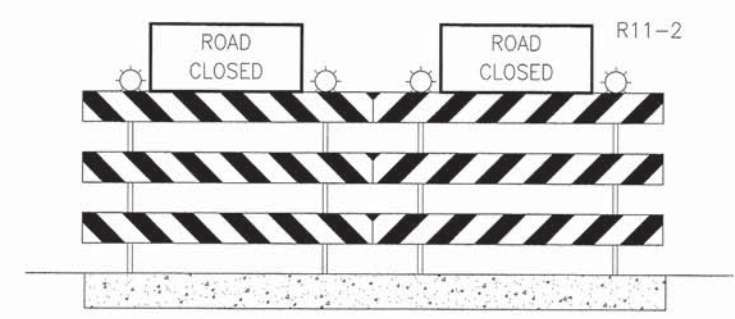
GENERAL
 THE CONTRACTOR SHALL USE TYPE III BARRICADES WITH FLASHING LIGHTS AND SIGNS "ROAD CLOSED TO THRU TRAFFIC" (R11-4) OR "ROAD CLOSED" (R11-2) AT ALL CLOSURE POINTS. "ROAD CONSTRUCTION AHEAD" (W20-1(0)) AND "ROAD CLOSED AHEAD" (W20-3(0)) WARNING SIGNS WITH FLASHING LIGHTS SHALL BE PLACED IN CONFORMANCE WITH STANDARD BLR 21-9 AND BLR 22-7 AND AS DIRECTED BY THE ENGINEER TO ACCOMMODATE FIELD CONDITIONS. INITIAL WARNING SIGNS ON CALUMET STREET, EAST McCORD STREET AND AIRPORT ROAD ROAD SHALL HAVE FLASHING LIGHTS.

STAGE I
 CONSTRUCT UNDER OPEN TRAFFIC CONDITIONS, ALL STORM SEWER FROM THE CALUMET ST./AIRPORT RD. INTERSECTION TO THE BOX AT STA. 110+70 (CALUMET ST.) AND TO STA. 212+15 (AIRPORT RD.)

CONSTRUCT TEMPORARY RUNAROUND, AS SHOWN IN THE PLANS, TO ACCESS CALUMET ST. (EAST) ON CITY PROPERTY AT THE SOUTHEAST CORNER OF THE INTERSECTION.

CLOSE THE INTERSECTION TO TRAFFIC IN ACCORDANCE WITH THE SIGNING PLAN SHOWN HERewith AND CONSTRUCT INTERSECTION IN ITS ENTIRETY TO STA. 118+08.20 (CALUMET ST.) AND STA. 200+86.50 (AIRPORT RD.).

REMOVE TEMPORARY RUNAROUND UPON COMPLETION OF INTERSECTION RECONSTRUCTION.



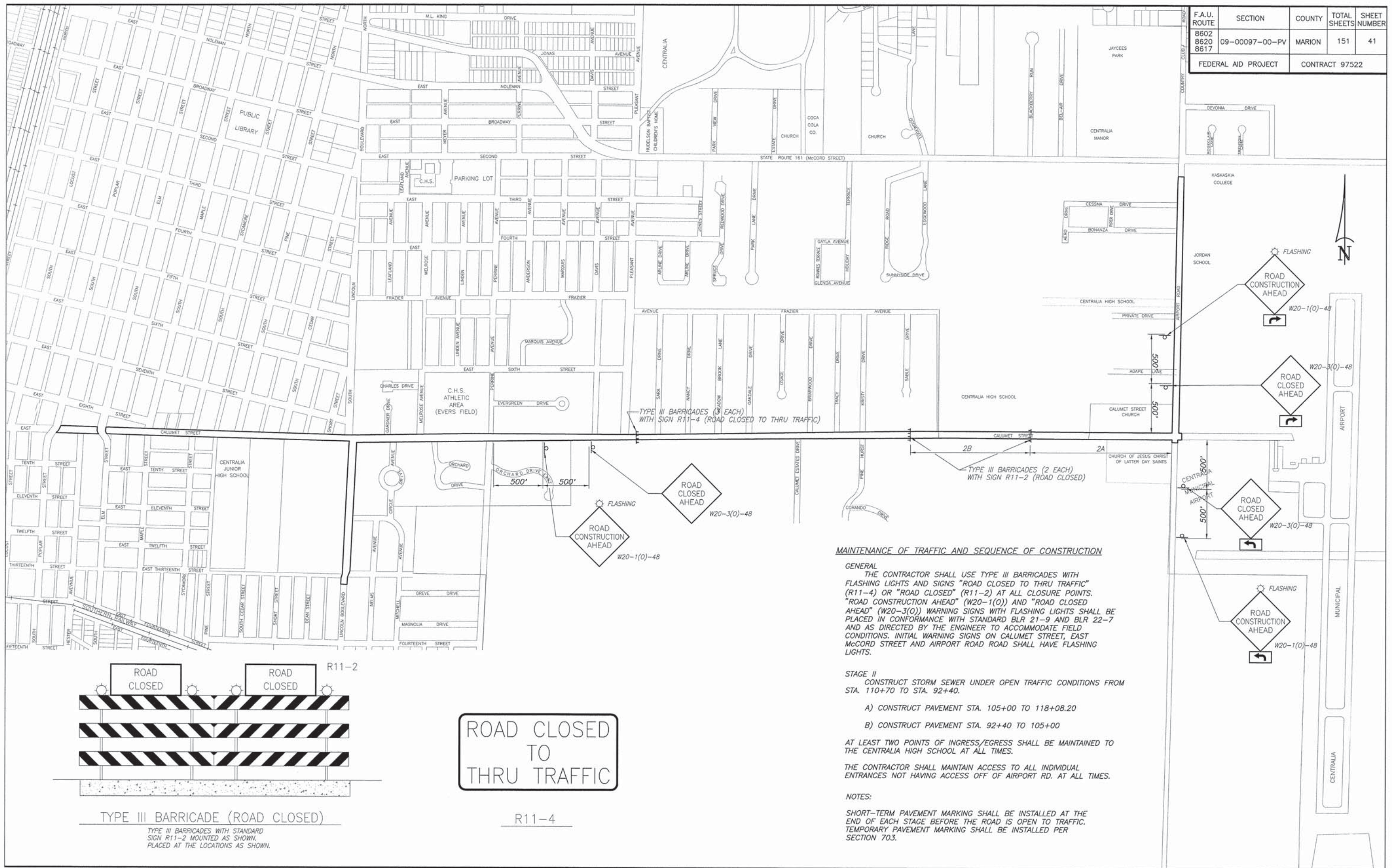
TYPE III BARRICADE (ROAD CLOSED)

TYPE III BARRICADES WITH STANDARD SIGN R11-2 MOUNTED AS SHOWN. PLACED AT THE LOCATIONS AS SHOWN.



R11-4

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	41
FEDERAL AID PROJECT		CONTRACT 97522		



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) OR "ROAD CLOSED" (R11-2) AT ALL CLOSURE POINTS. "ROAD CONSTRUCTION AHEAD" (W20-1(O)) AND "ROAD CLOSED AHEAD" (W20-3(O)) WARNING SIGNS WITH FLASHING LIGHTS SHALL BE PLACED IN CONFORMANCE WITH STANDARD BLR 21-9 AND BLR 22-7 AND AS DIRECTED BY THE ENGINEER TO ACCOMMODATE FIELD CONDITIONS. INITIAL WARNING SIGNS ON CALUMET STREET, EAST McCORD STREET AND AIRPORT ROAD ROAD SHALL HAVE FLASHING LIGHTS.

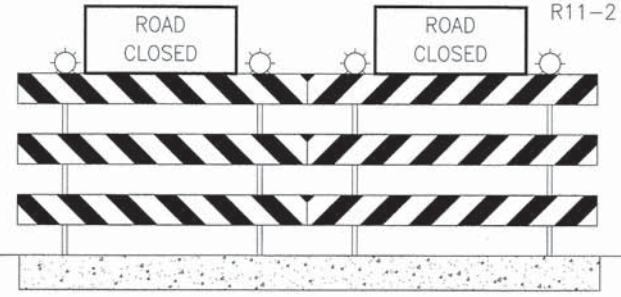
STAGE II
 CONSTRUCT STORM SEWER UNDER OPEN TRAFFIC CONDITIONS FROM STA. 110+70 TO STA. 92+40.

A) CONSTRUCT PAVEMENT STA. 105+00 TO 118+08.20
 B) CONSTRUCT PAVEMENT STA. 92+40 TO 105+00

AT LEAST TWO POINTS OF INGRESS/EGRESS SHALL BE MAINTAINED TO THE CENTRALIA HIGH SCHOOL AT ALL TIMES.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL INDIVIDUAL ENTRANCES NOT HAVING ACCESS OFF OF AIRPORT RD. AT ALL TIMES.

NOTES:
 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.



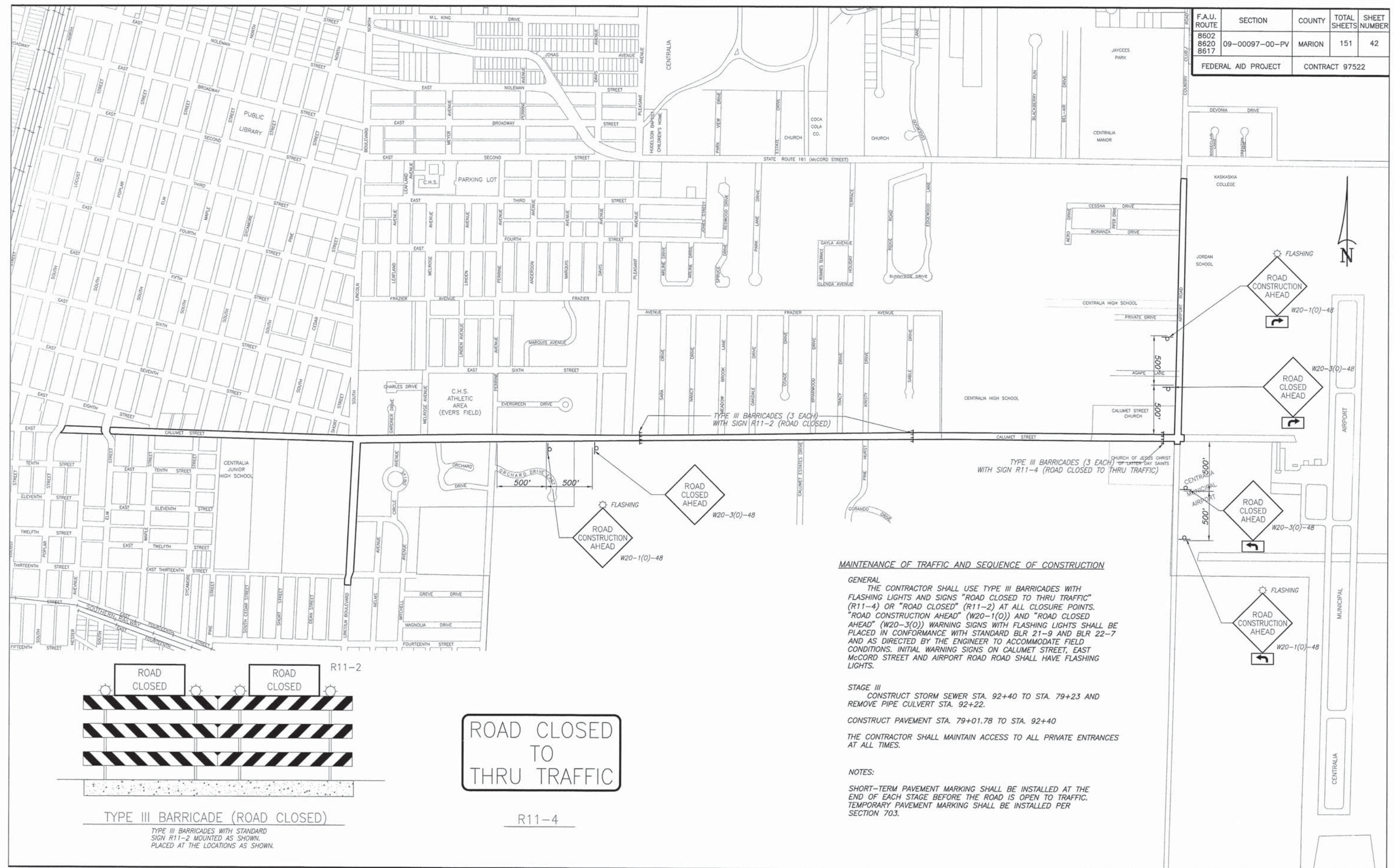
TYPE III BARRICADE (ROAD CLOSED)

TYPE III BARRICADES WITH STANDARD SIGN R11-2 MOUNTED AS SHOWN. PLACED AT THE LOCATIONS AS SHOWN.



R11-4

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	42
FEDERAL AID PROJECT		CONTRACT 97522		

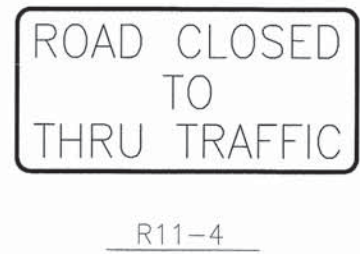
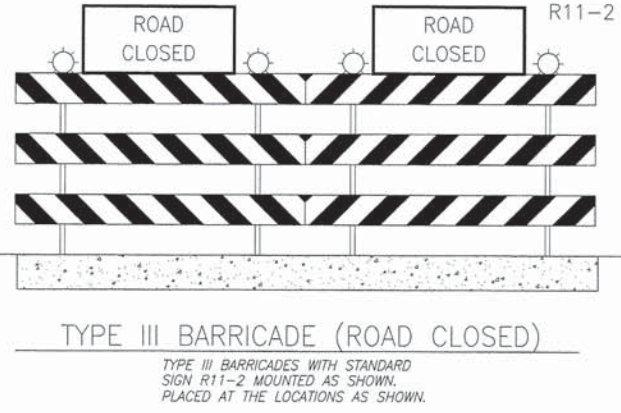


MAINTENANCE OF TRAFFIC AND SEQUENCE OF CONSTRUCTION

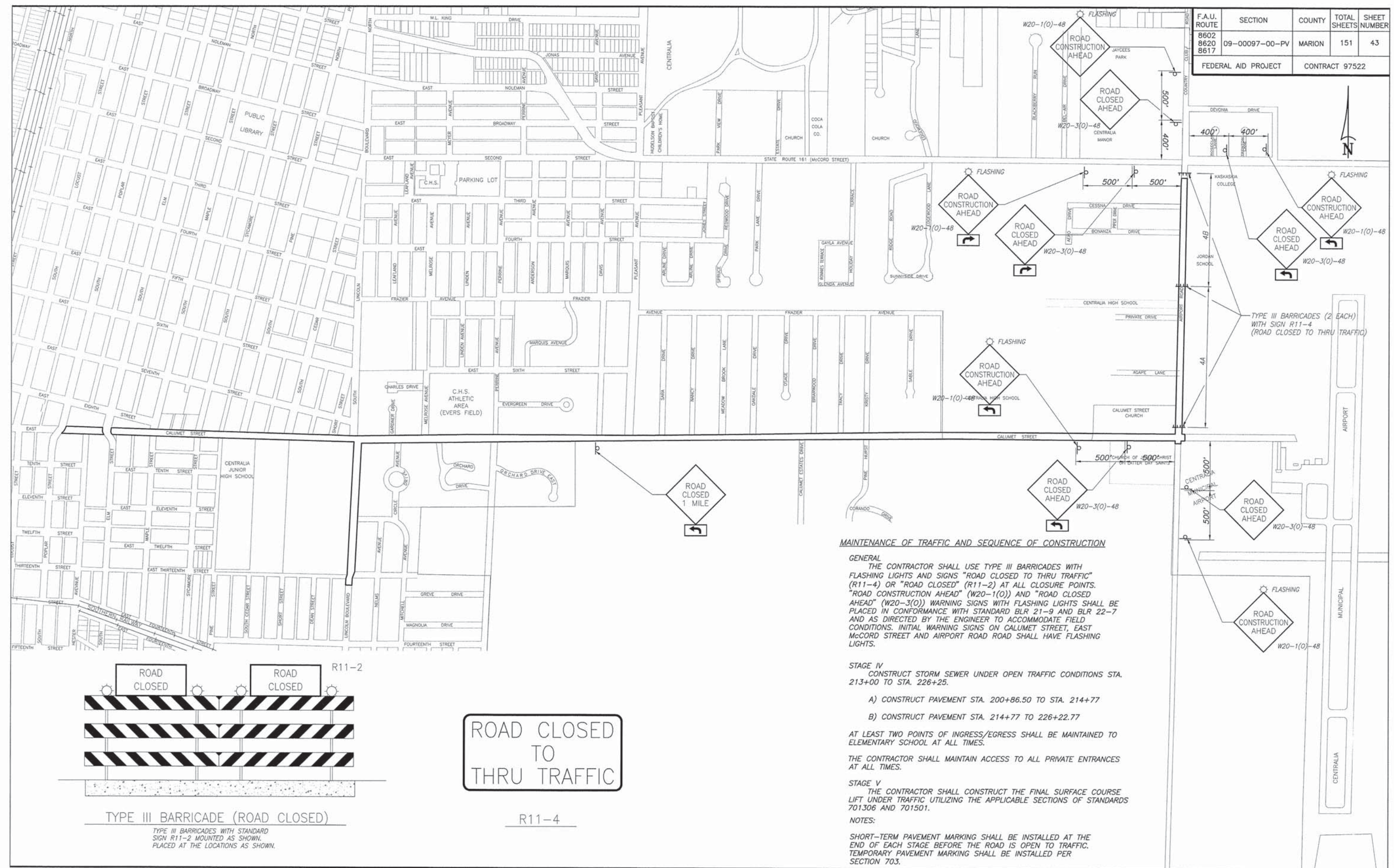
GENERAL
 THE CONTRACTOR SHALL USE TYPE III BARRICADES WITH FLASHING LIGHTS AND SIGNS "ROAD CLOSED TO THRU TRAFFIC" (R11-4) OR "ROAD CLOSED" (R11-2) AT ALL CLOSURE POINTS. "ROAD CONSTRUCTION AHEAD" (W20-1(0)) AND "ROAD CLOSED AHEAD" (W20-3(0)) WARNING SIGNS WITH FLASHING LIGHTS SHALL BE PLACED IN CONFORMANCE WITH STANDARD BLR 21-9 AND BLR 22-7 AND AS DIRECTED BY THE ENGINEER TO ACCOMMODATE FIELD CONDITIONS. INITIAL WARNING SIGNS ON CALUMET STREET, EAST McCORD STREET AND AIRPORT ROAD ROAD SHALL HAVE FLASHING LIGHTS.

STAGE III
 CONSTRUCT STORM SEWER STA. 92+40 TO STA. 79+23 AND REMOVE PIPE CULVERT STA. 92+22.
 CONSTRUCT PAVEMENT STA. 79+01.78 TO STA. 92+40
 THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PRIVATE ENTRANCES AT ALL TIMES.

NOTES:
 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.



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	43
FEDERAL AID PROJECT		CONTRACT 97522		



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) OR "ROAD CLOSED" (R11-2) AT ALL CLOSURE POINTS. "ROAD CONSTRUCTION AHEAD" (W20-1(0)) AND "ROAD CLOSED AHEAD" (W20-3(0)) WARNING SIGNS WITH FLASHING LIGHTS SHALL BE PLACED IN CONFORMANCE WITH STANDARD BLR 21-9 AND BLR 22-7 AND AS DIRECTED BY THE ENGINEER TO ACCOMMODATE FIELD CONDITIONS. INITIAL WARNING SIGNS ON CALUMET STREET, EAST McCORD STREET AND AIRPORT ROAD ROAD SHALL HAVE FLASHING LIGHTS.

STAGE IV
 CONSTRUCT STORM SEWER UNDER OPEN TRAFFIC CONDITIONS STA. 213+00 TO STA. 226+25.

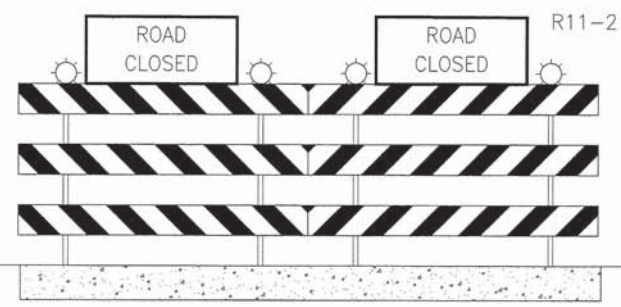
- A) CONSTRUCT PAVEMENT STA. 200+86.50 TO STA. 214+77
- B) CONSTRUCT PAVEMENT STA. 214+77 TO 226+22.77

AT LEAST TWO POINTS OF INGRESS/EGRESS SHALL BE MAINTAINED TO ELEMENTARY SCHOOL AT ALL TIMES.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PRIVATE ENTRANCES AT ALL TIMES.

STAGE V
 THE CONTRACTOR SHALL CONSTRUCT THE FINAL SURFACE COURSE LIFT UNDER TRAFFIC UTILIZING THE APPLICABLE SECTIONS OF STANDARDS 701306 AND 701501.

NOTES:
 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.



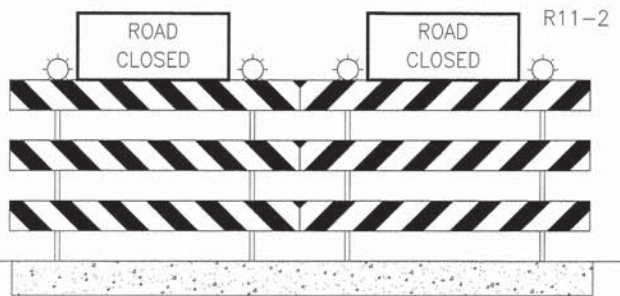
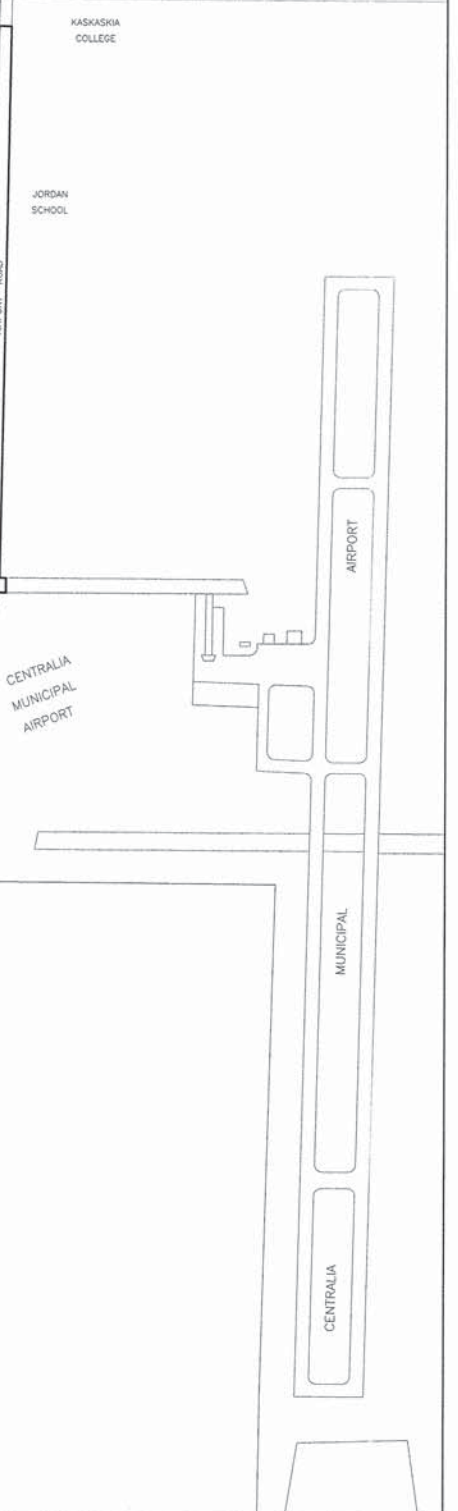
TYPE III BARRICADE (ROAD CLOSED)

TYPE III BARRICADES WITH STANDARD SIGN R11-2 MOUNTED AS SHOWN. PLACED AT THE LOCATIONS AS SHOWN.



R11-4

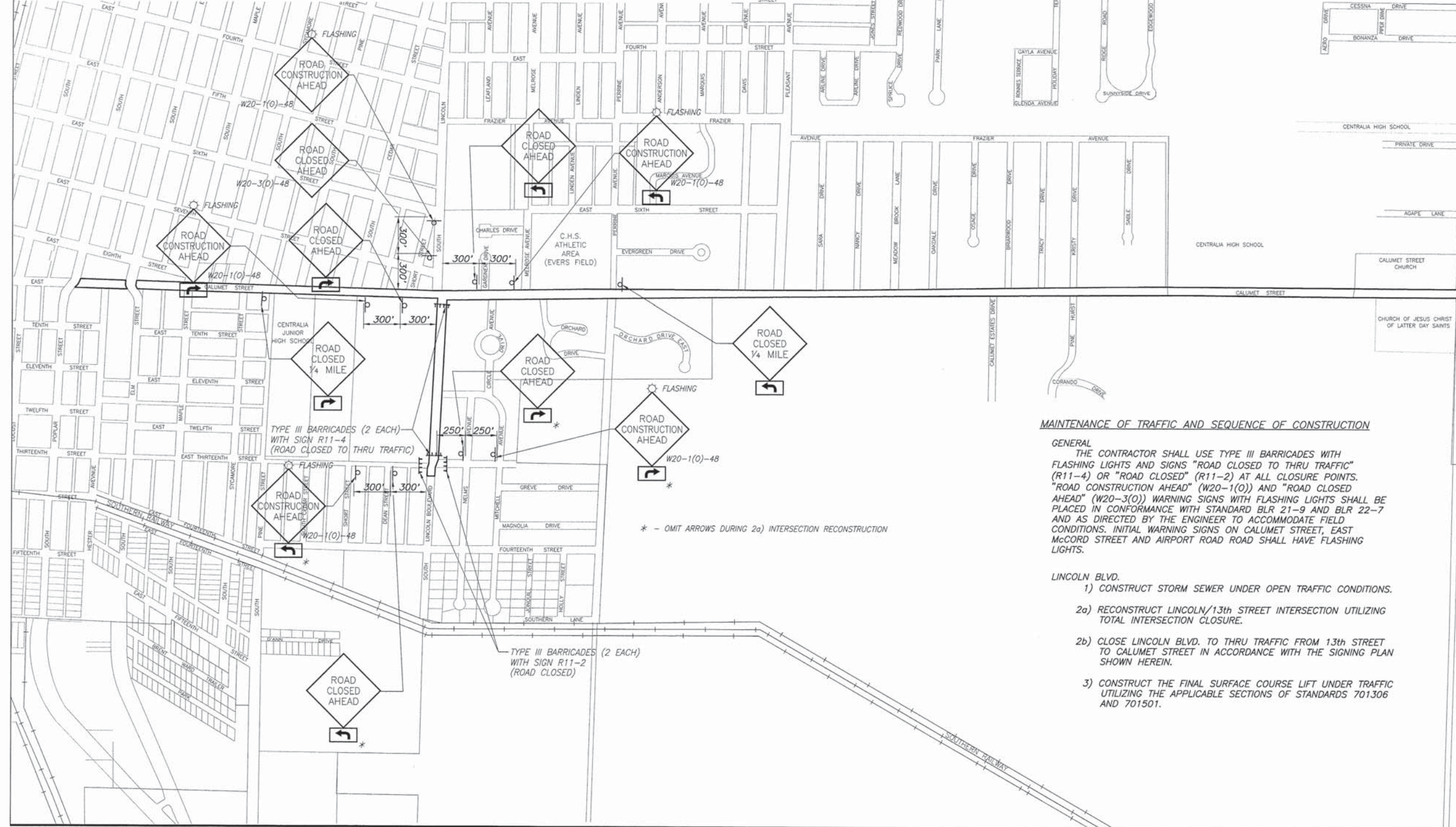
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	44
FEDERAL AID PROJECT		CONTRACT 97522		



ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE (ROAD CLOSED)

TYPE III BARRICADES WITH STANDARD SIGN R11-2 MOUNTED AS SHOWN. PLACED AT THE LOCATIONS AS SHOWN.



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) OR "ROAD CLOSED" (R11-2) AT ALL CLOSURE POINTS. "ROAD CONSTRUCTION AHEAD" (W20-1(0)) AND "ROAD CLOSED AHEAD" (W20-3(0)) WARNING SIGNS WITH FLASHING LIGHTS SHALL BE PLACED IN CONFORMANCE WITH STANDARD BLR 21-9 AND BLR 22-7 AND AS DIRECTED BY THE ENGINEER TO ACCOMMODATE FIELD CONDITIONS. INITIAL WARNING SIGNS ON CALUMET STREET, EAST McCORD STREET AND AIRPORT ROAD ROAD SHALL HAVE FLASHING LIGHTS.

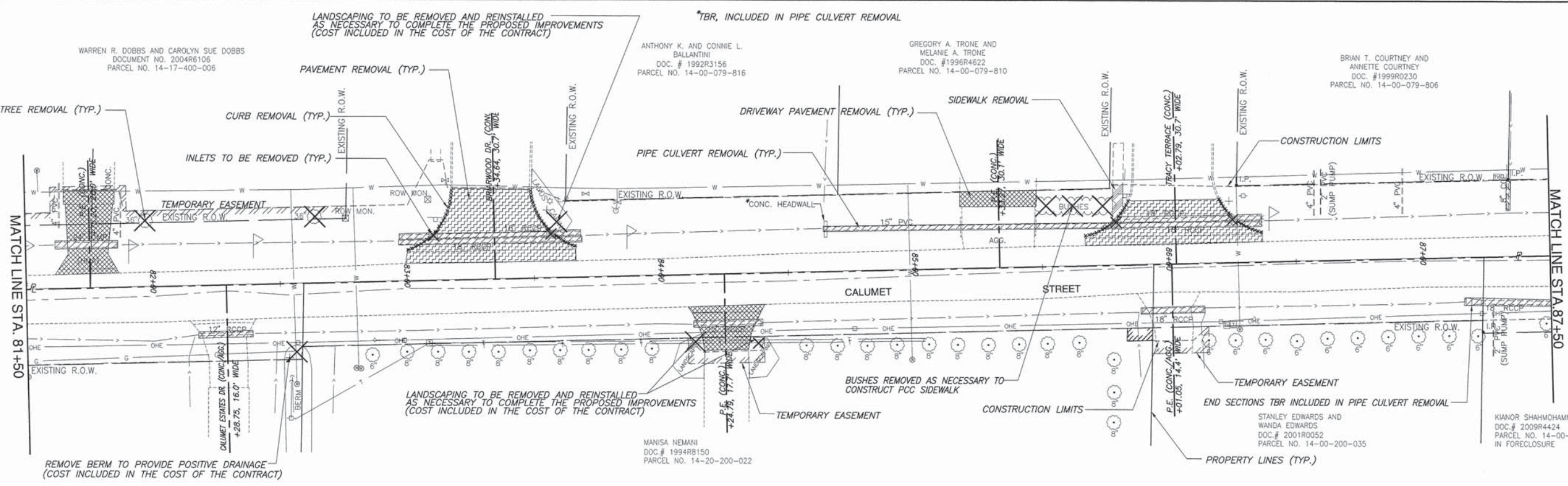
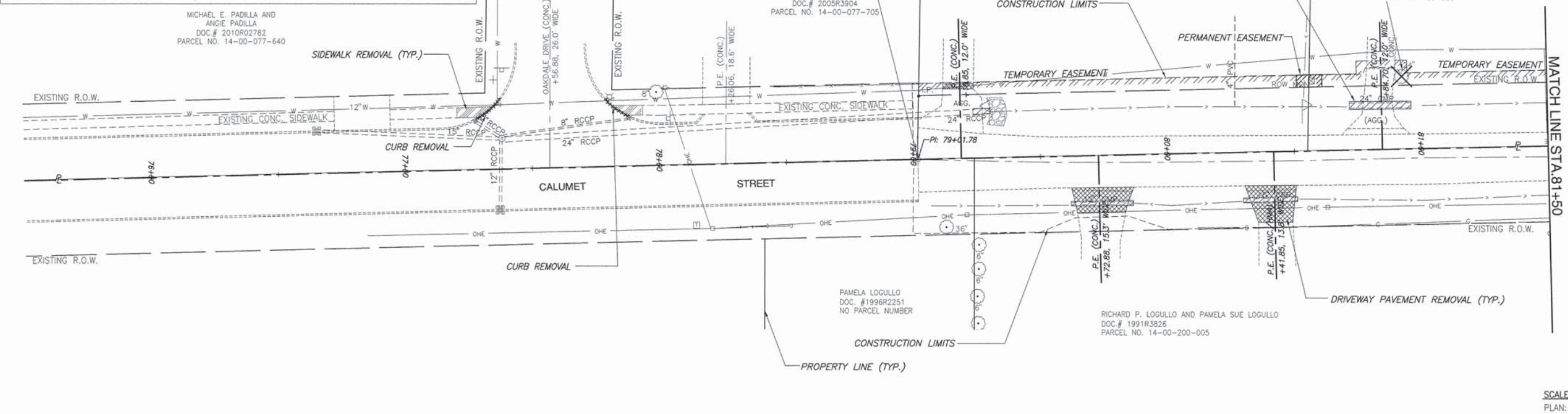
- LINCOLN BLVD.**
- 1) CONSTRUCT STORM SEWER UNDER OPEN TRAFFIC CONDITIONS.
 - 2a) RECONSTRUCT LINCOLN/13th STREET INTERSECTION UTILIZING TOTAL INTERSECTION CLOSURE.
 - 2b) CLOSE LINCOLN BLVD. TO THRU TRAFFIC FROM 13th STREET TO CALUMET STREET IN ACCORDANCE WITH THE SIGNING PLAN SHOWN HEREIN.
 - 3) CONSTRUCT THE FINAL SURFACE COURSE LIFT UNDER TRAFFIC UTILIZING THE APPLICABLE SECTIONS OF STANDARDS 701306 AND 701501.

* - OMIT ARROWS DURING 2a) INTERSECTION RECONSTRUCTION

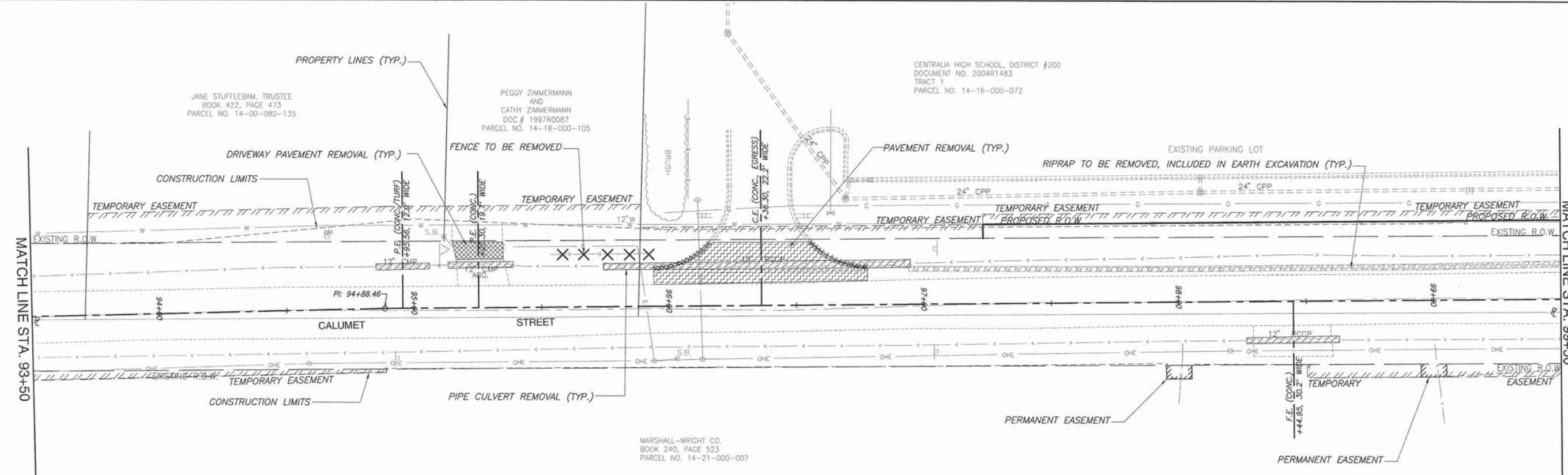
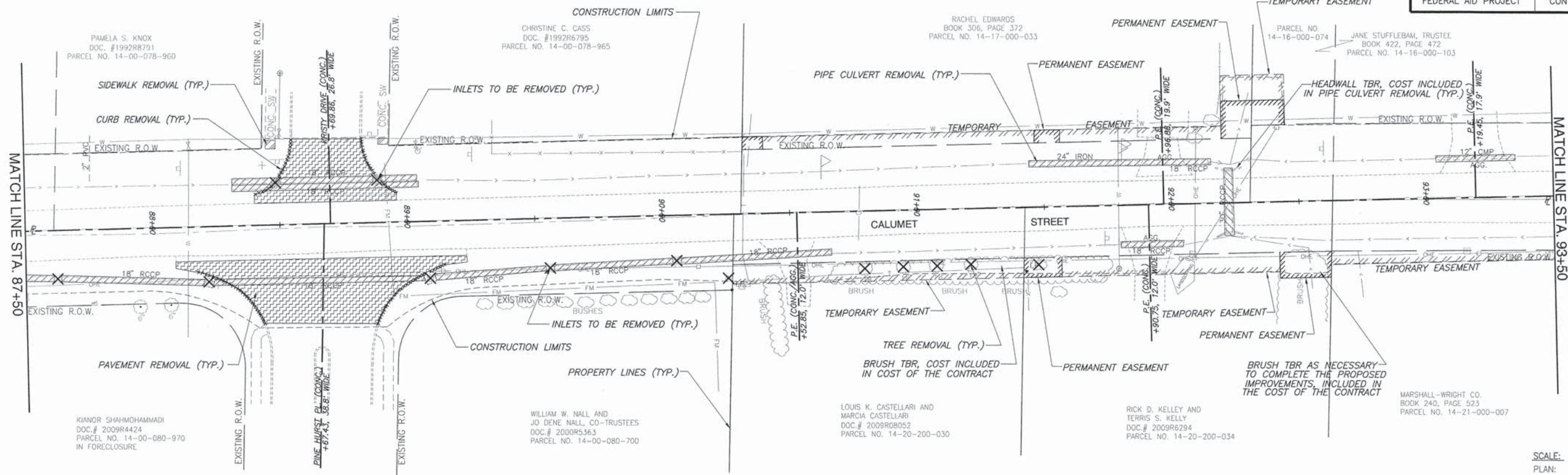
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	45
FEDERAL AID PROJECT		CONTRACT 47522		

LEGEND - REMOVAL ITEMS

	SIDEWALK REMOVAL		INLET TO BE REMOVED
	PAVEMENT REMOVAL		TREE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		STUMP REMOVAL
	PIPE CULVERT REMOVAL		MISCELLANEOUS REMOVAL ITEMS
	CURB & GUTTER REMOVAL / GUTTER REMOVAL		TO BE REMOVED



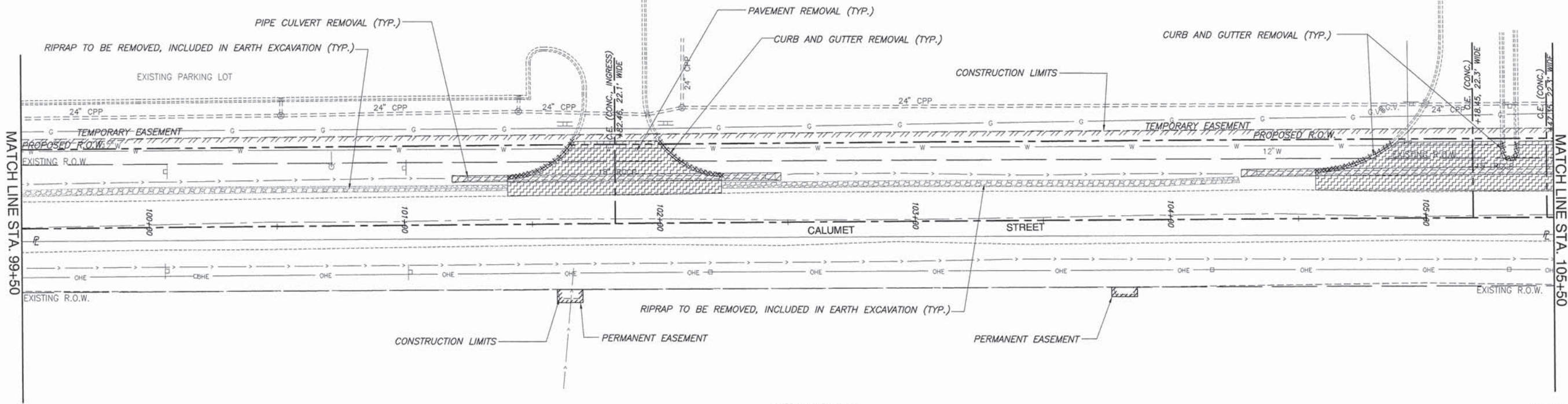
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	46
FEDERAL AID PROJECT		CONTRACT 97522		



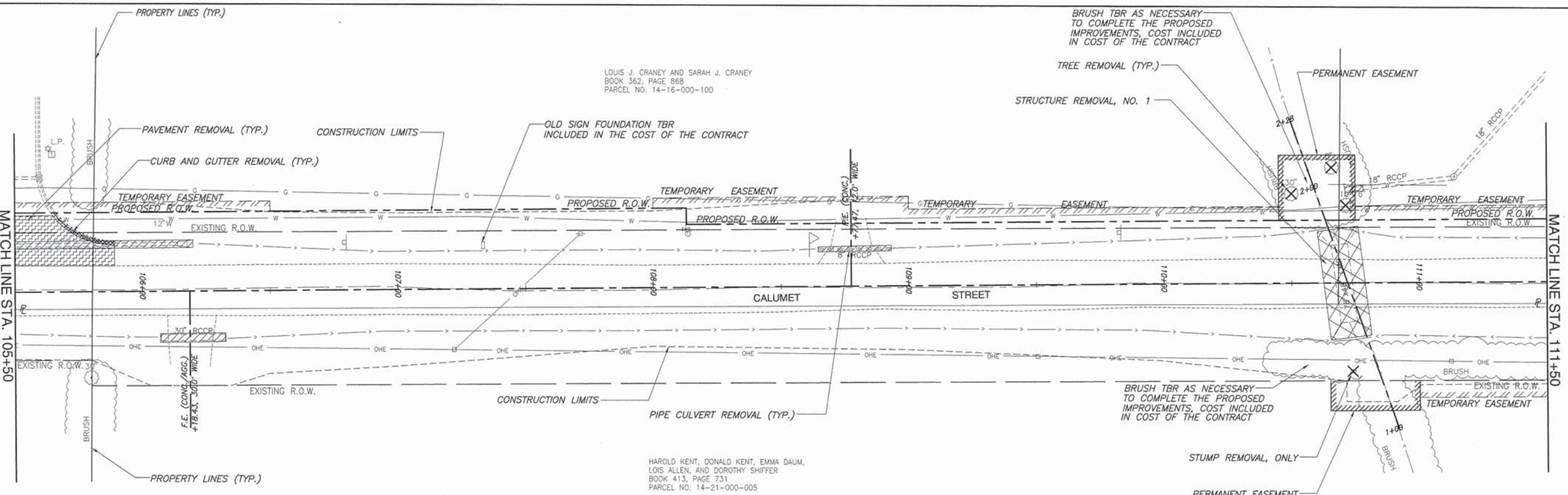
REMOVAL PLAN CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	47
8620				
8617				
FEDERAL AID PROJECT			CONTRACT 97522	

CENTRALIA HIGH SCHOOL, DISTRICT #200
DOCUMENT NO. 2004R1483
TRACT 1
PARCEL NO. 14-16-000-072



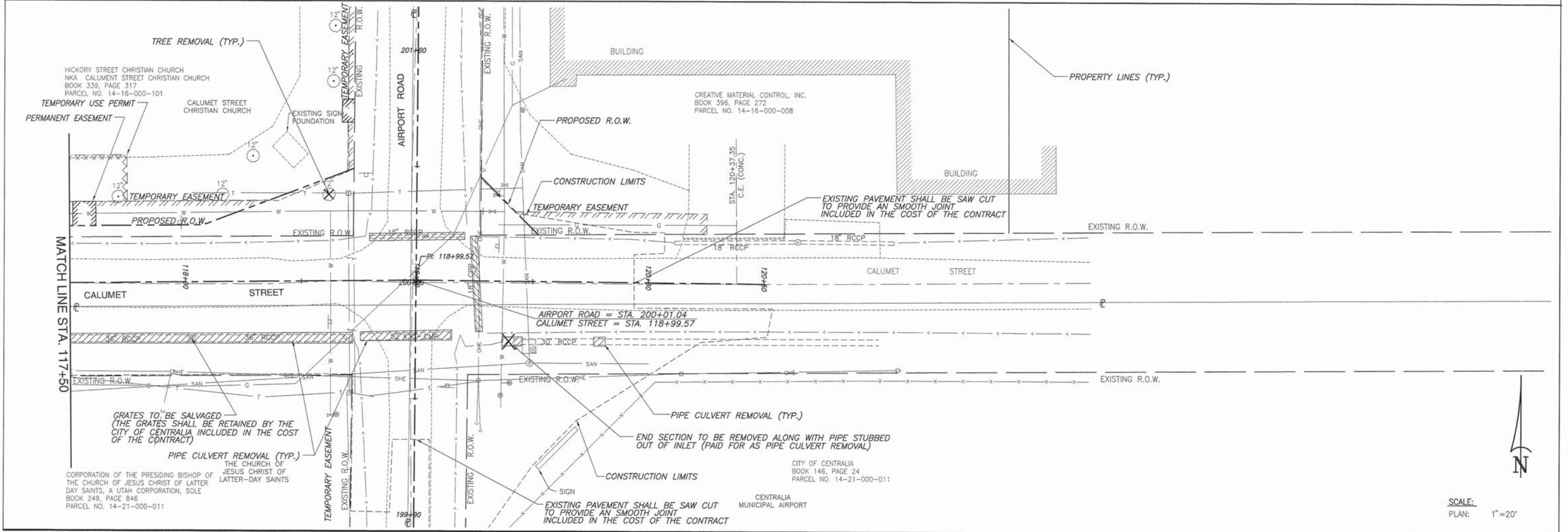
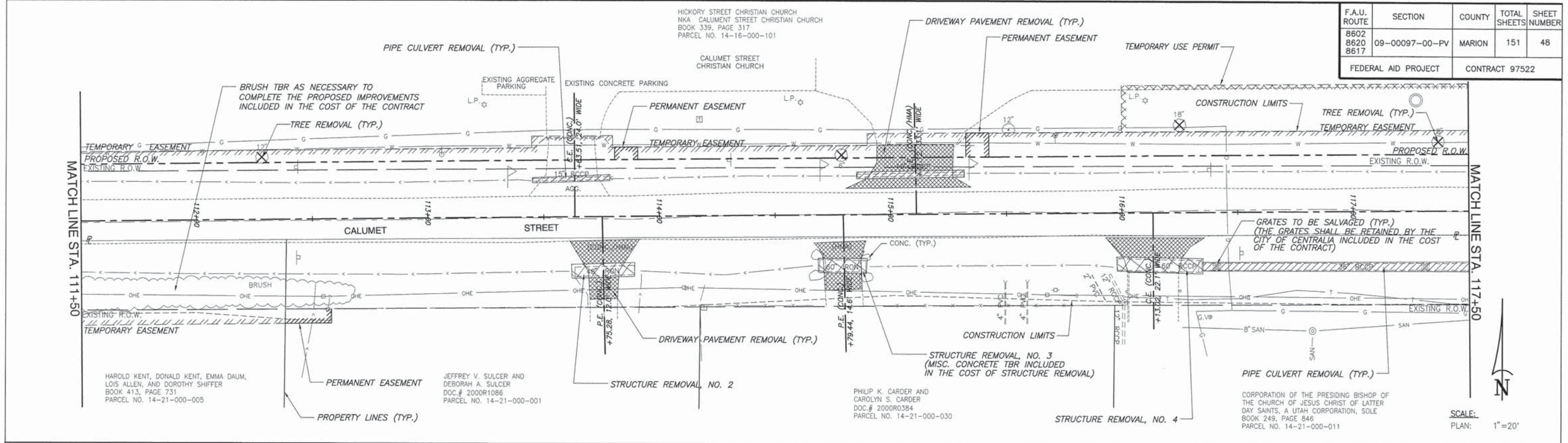
MARSHALL-WRIGHT CO.
BOOK 240, PAGE 523
PARCEL NO. 14-21-000-007



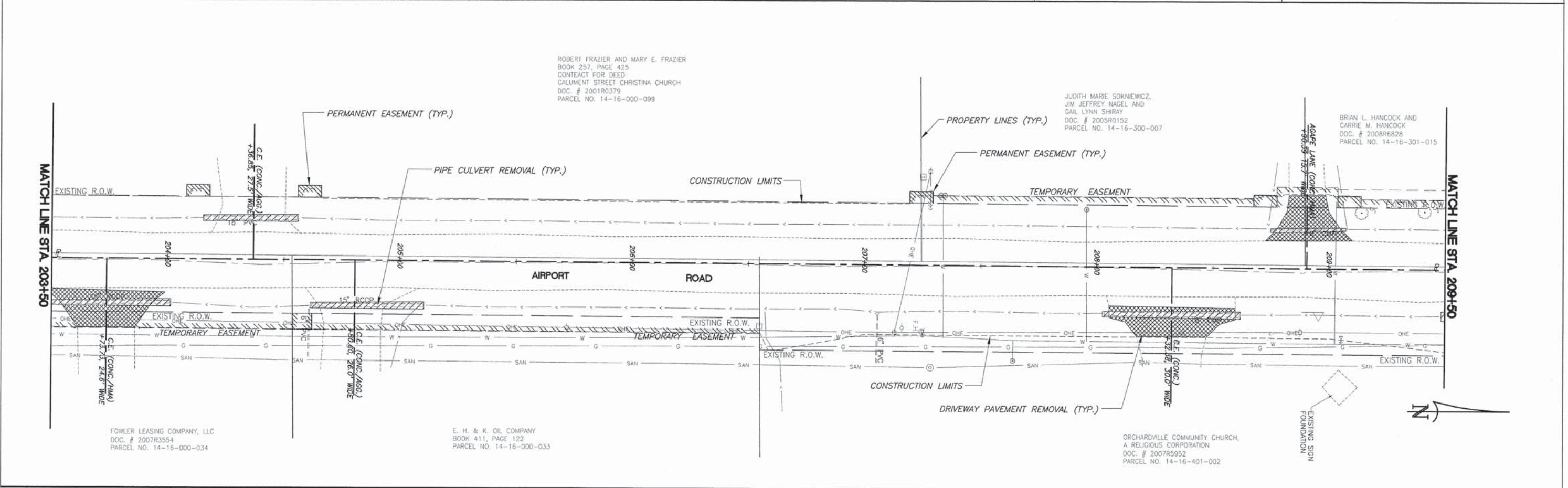
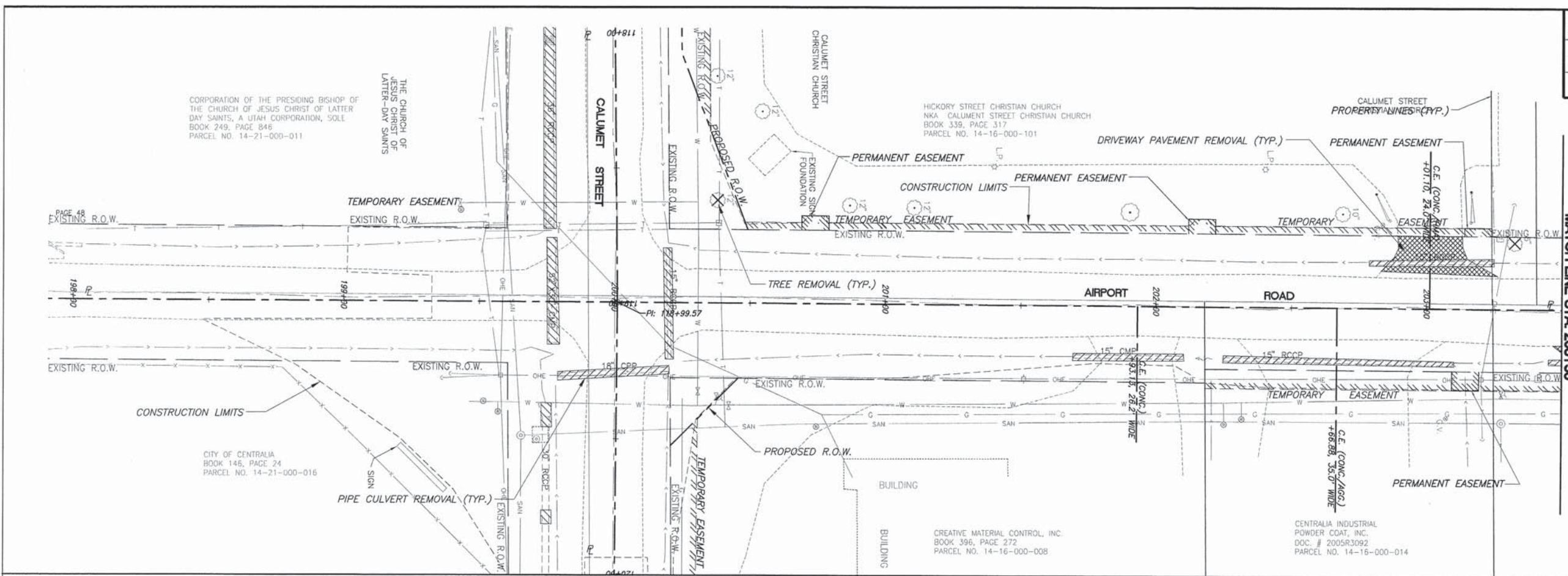
LOUIS J. CRANEY AND SARAH J. CRANEY
BOOK 362, PAGE 868
PARCEL NO. 14-16-000-100

HAROLD KENT, DONALD KENT, EMMA DAUM,
LOIS ALLEN, AND DOROTHY SHIFFER
BOOK 413, PAGE 731
PARCEL NO. 14-21-000-005

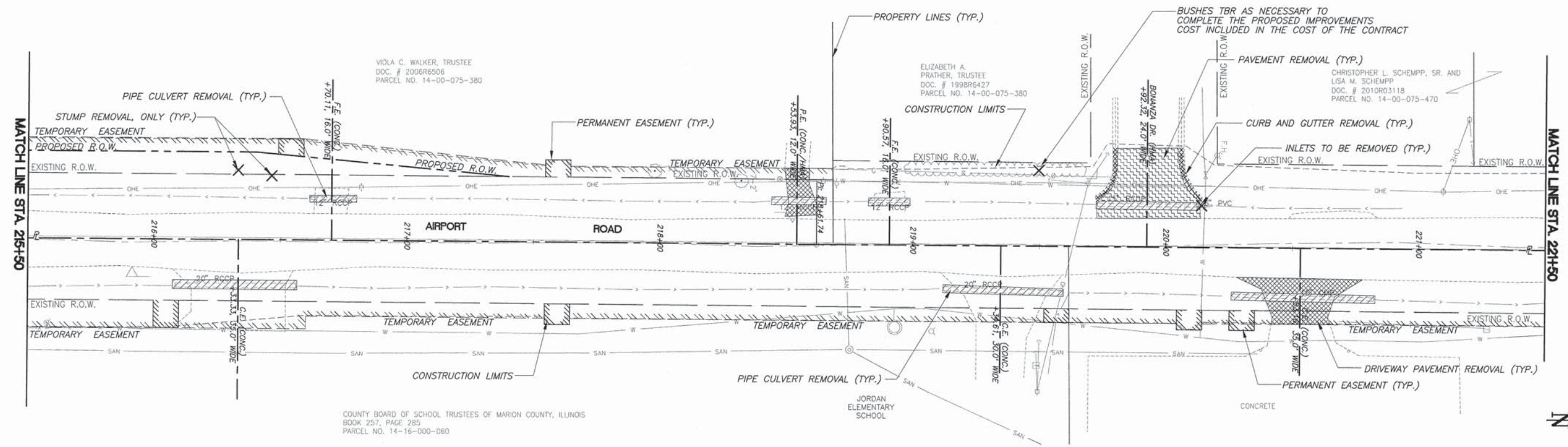
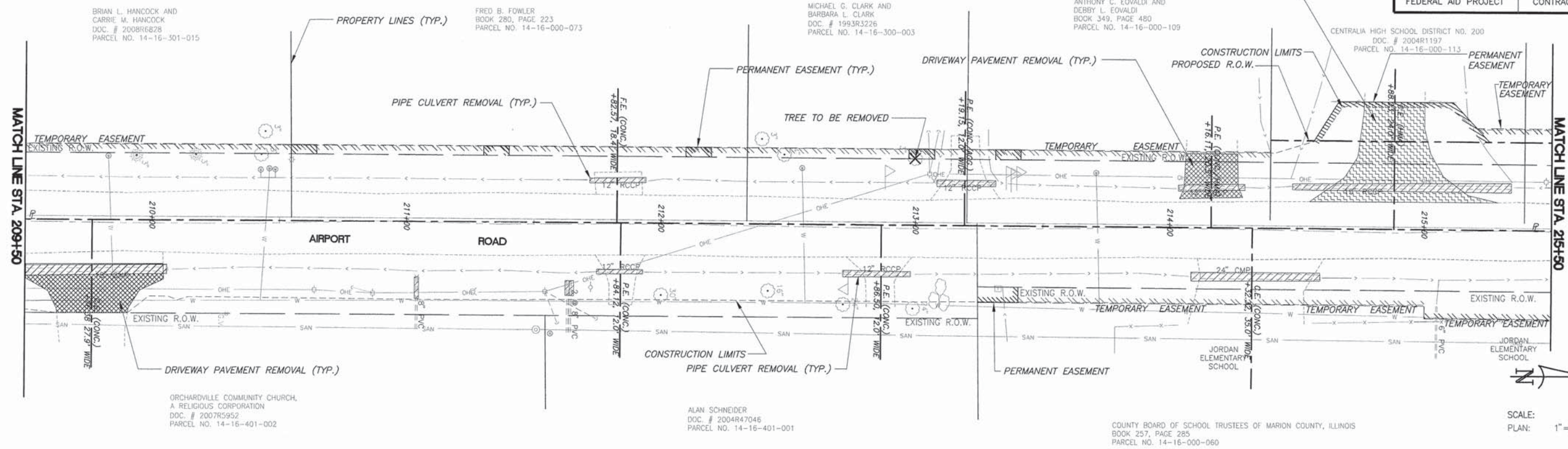
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	48
FEDERAL AID PROJECT			CONTRACT 97522	



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	49
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
B602	09-00097-00-PV	MARION	151	50
B620				
B617				
FEDERAL AID PROJECT		CONTRACT 97522		



CHRISTOPHER L. SCHEMP, SR. AND
LISA M. SCHEMP
DOC. # 2010R03118
PARCEL NO. 14-00-075-470

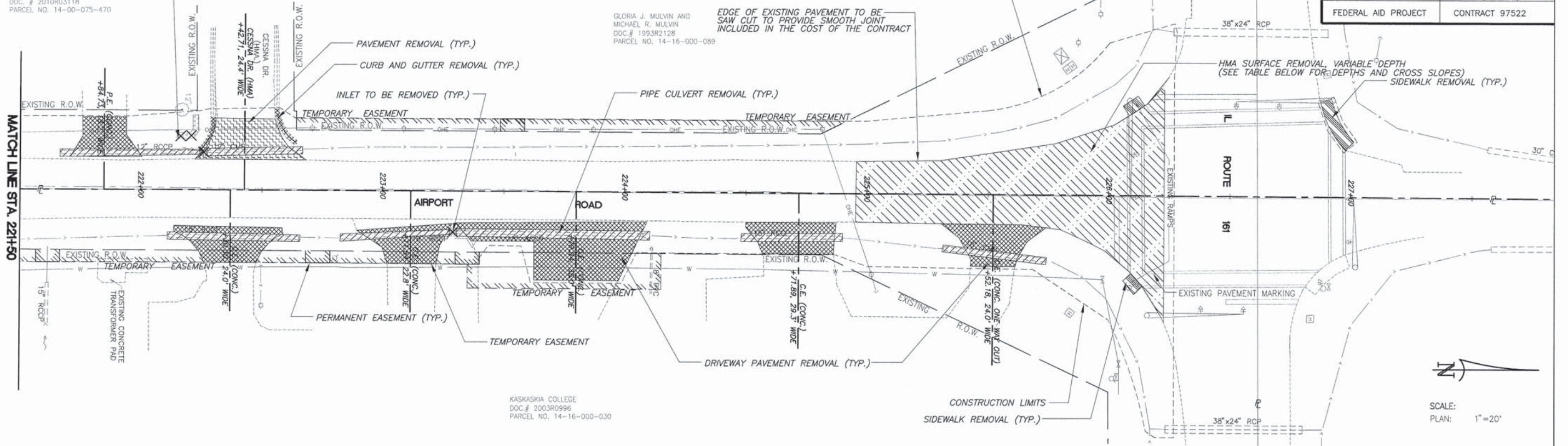
LANDSCAPING TO BE REMOVED AND REINSTALLED AS
NECESSARY TO COMPLETE THE PROPOSED IMPROVEMENTS
COST INCLUDED IN THE COST OF THE CONTRACT

GLORIA J. MULVIN AND
MICHAEL R. MULVIN
DOC. # 1993R2128
PARCEL NO. 14-16-000-089

EDGE OF EXISTING PAVEMENT TO BE
SAW CUT TO PROVIDE SMOOTH JOINT
INCLUDED IN THE COST OF THE CONTRACT

KASKASKIA COLLEGE
DOC. # 2003R0996
PARCEL NO. 14-16-000-030

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	51
FEDERAL AID PROJECT		CONTRACT 97522		

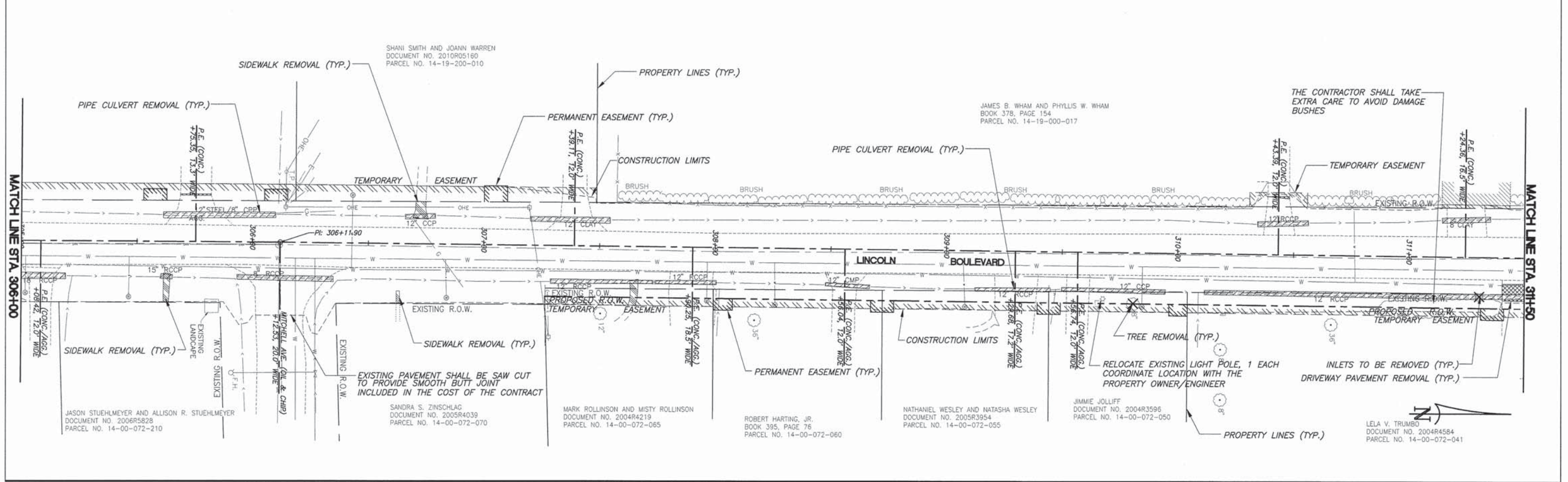
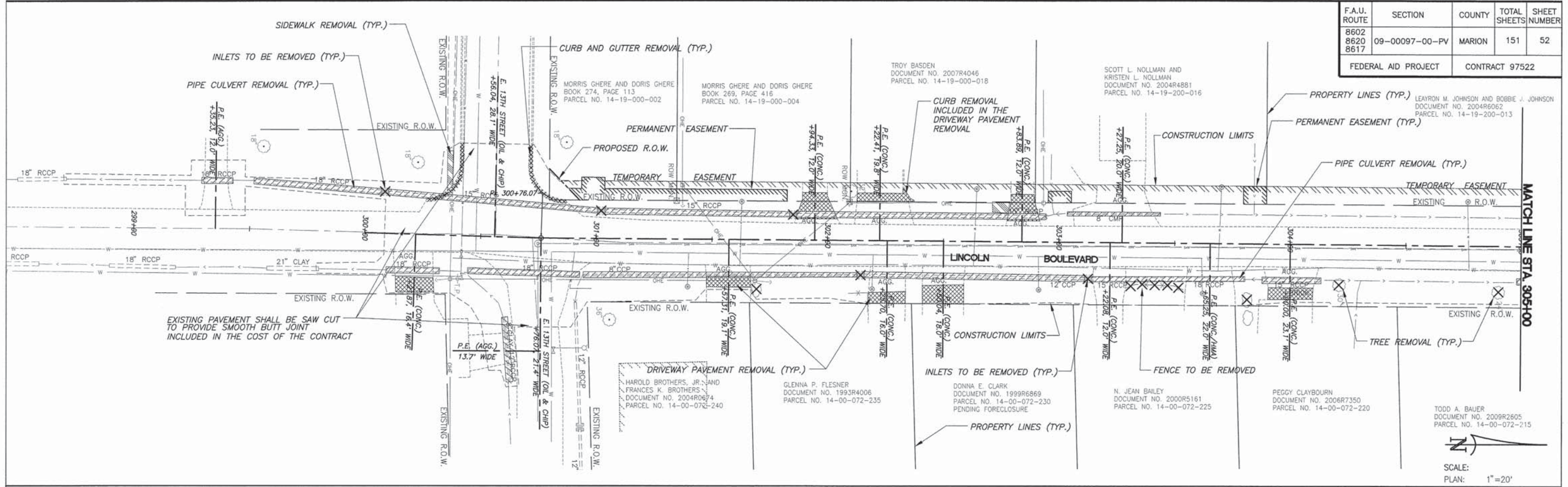


STATION	DEPTH AT C	CROSS SLOPE	
		LEFT	RIGHT
225+00.00	3.50"	2.00%	2.00%
225+25.00	2.90"	2.00%	2.00%
225+50.00	2.35"	1.63%	1.63%
225+75.00	1.75"	1.25%	1.25%
226+00.00	1.20"	0.88%	0.88%
226+22.77	2.00"	0.50%	0.50%

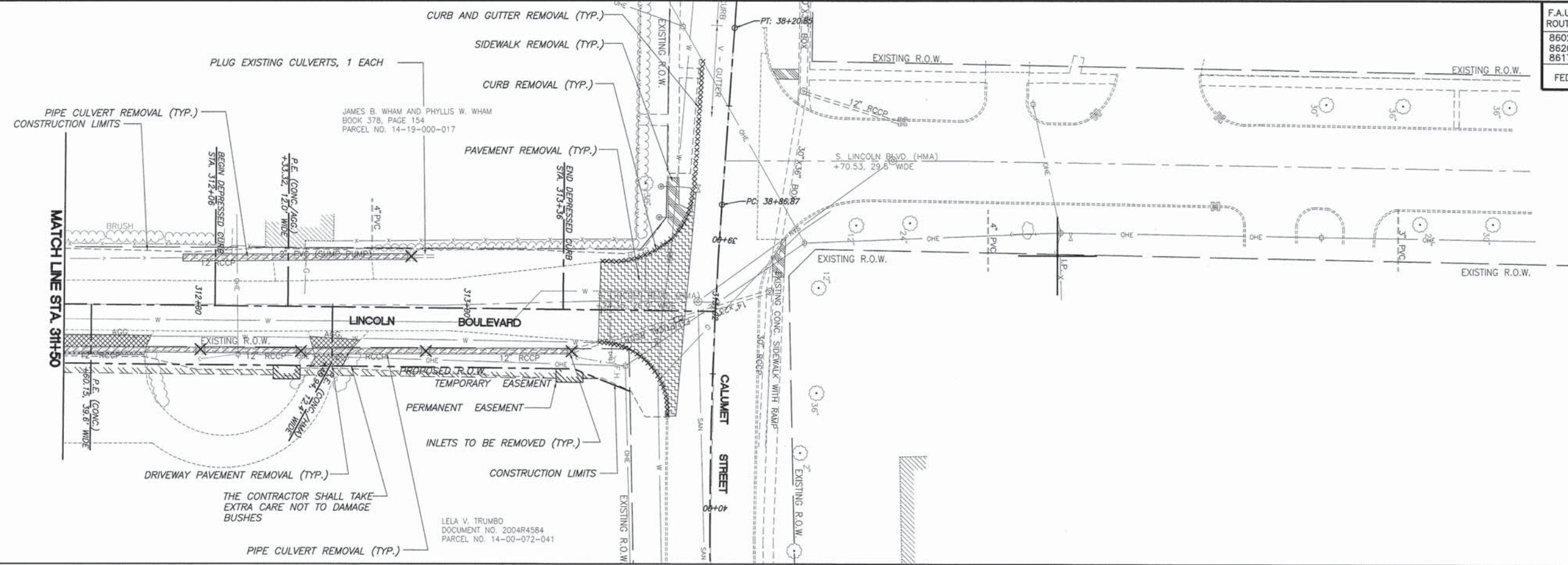


SCALE:
PLAN: 1" = 20'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	52
8620				
8617				
FEDERAL AID PROJECT			CONTRACT 97522	

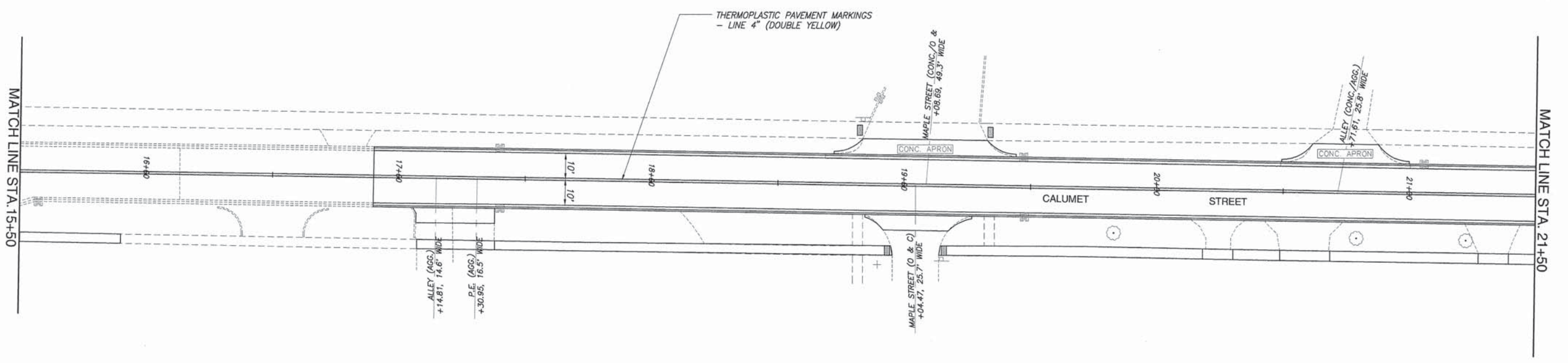
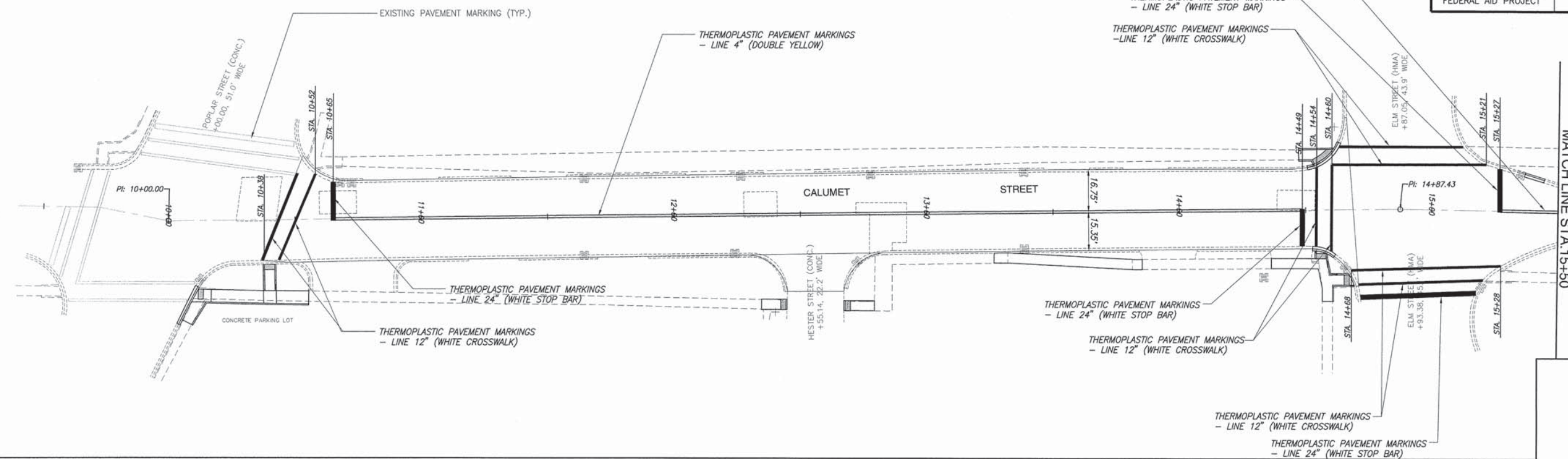


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	53
FEDERAL AID PROJECT		CONTRACT 97522		

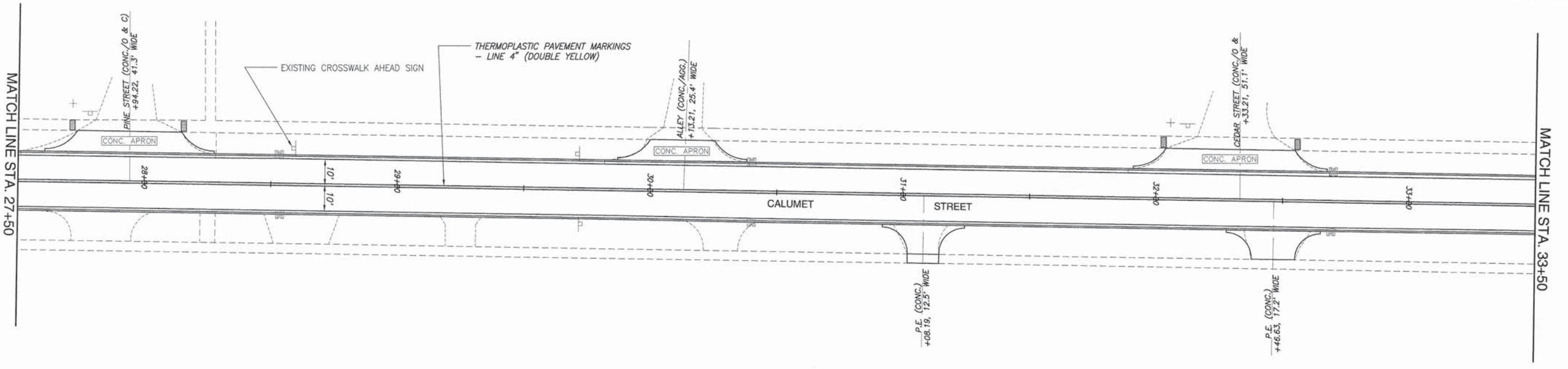
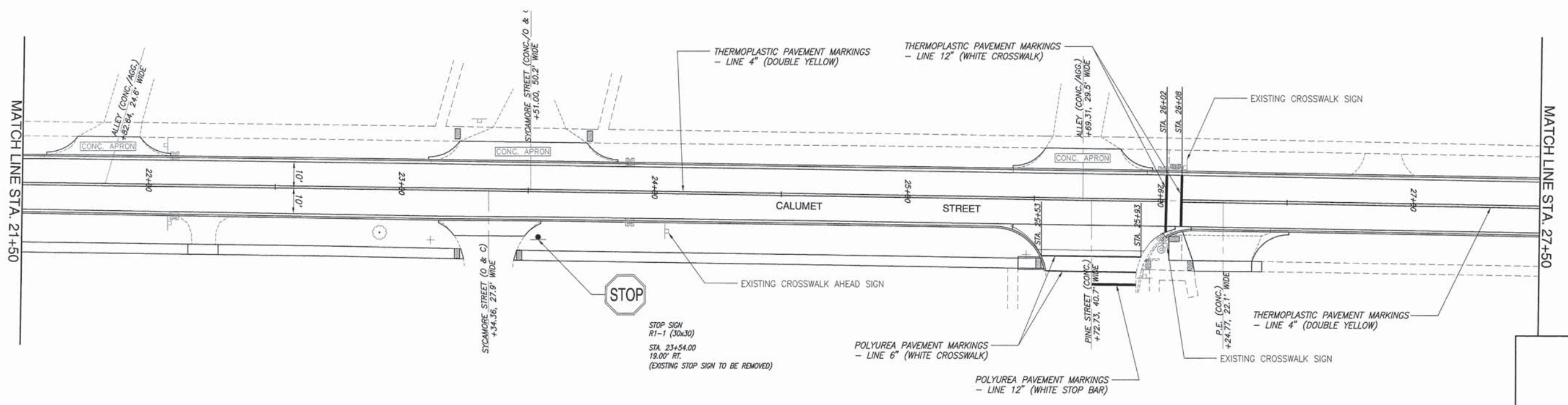


SCALE:
PLAN: 1" = 20'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	54
FEDERAL AID PROJECT		CONTRACT 97522		



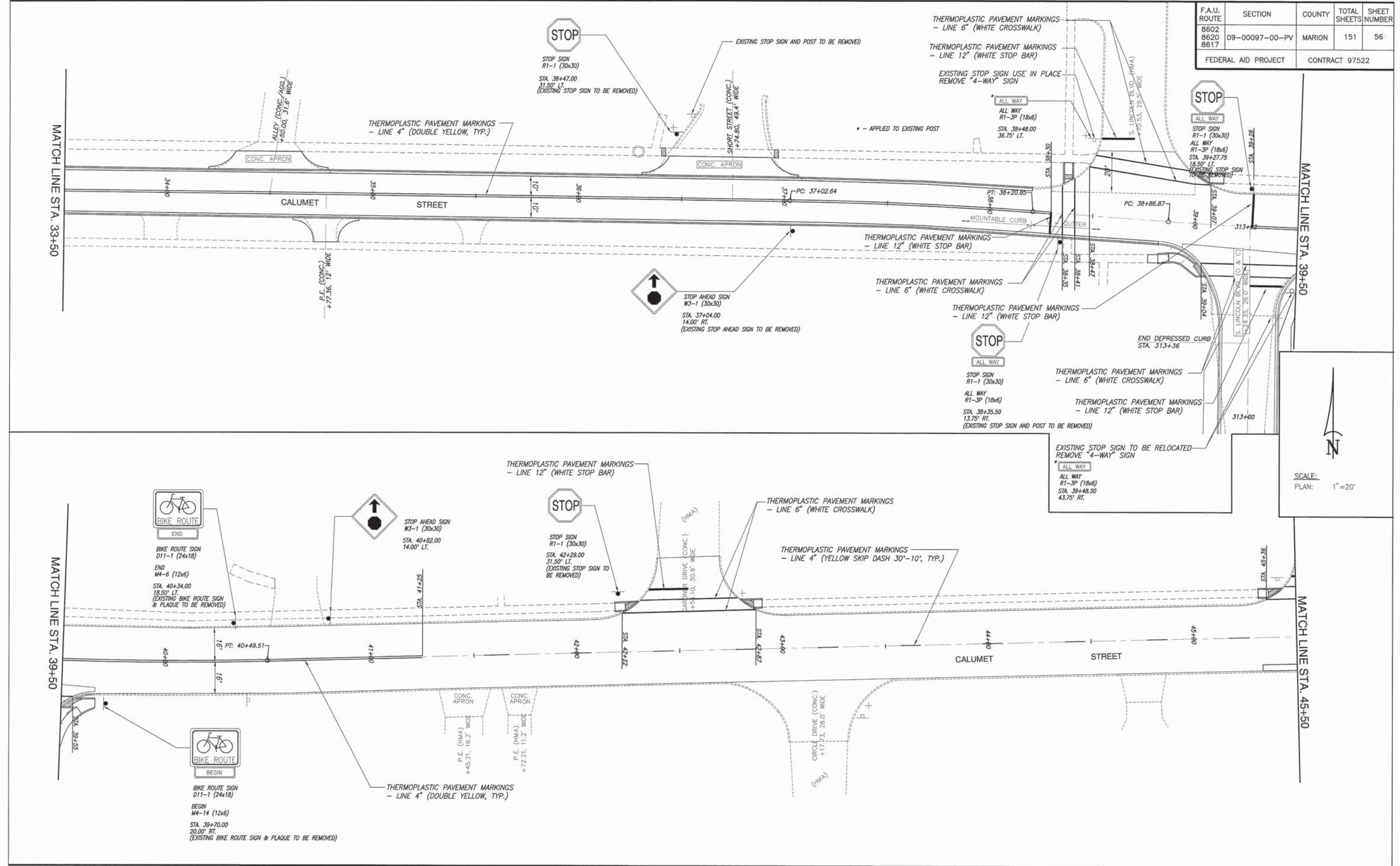
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	55
FEDERAL AID PROJECT		CONTRACT 97522		



N

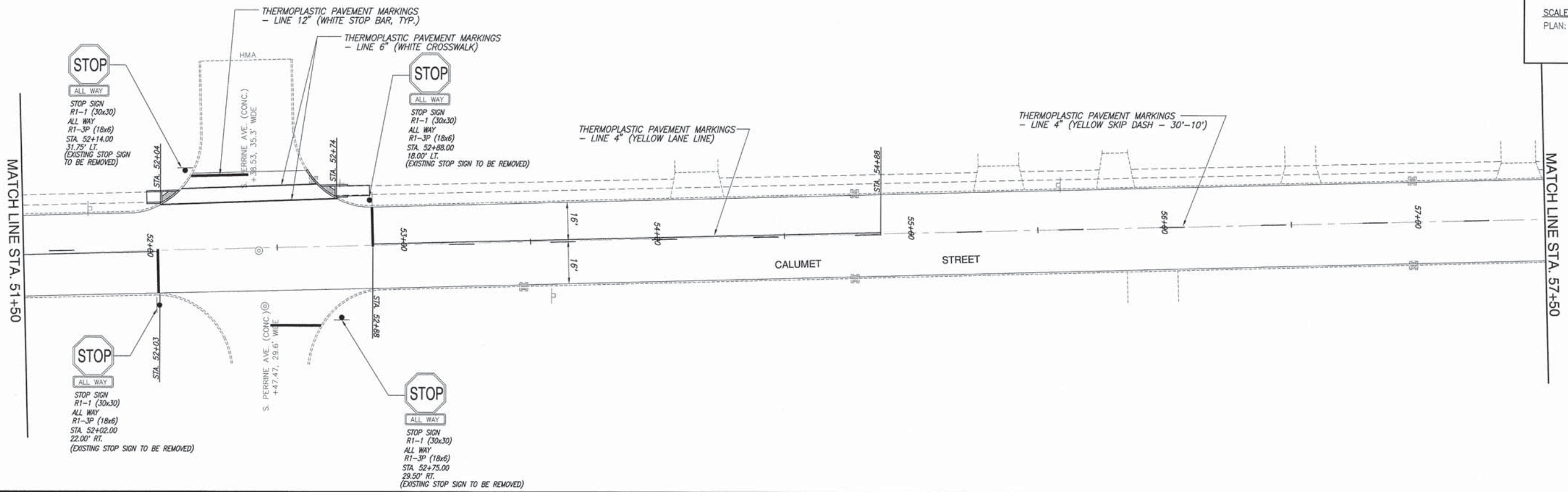
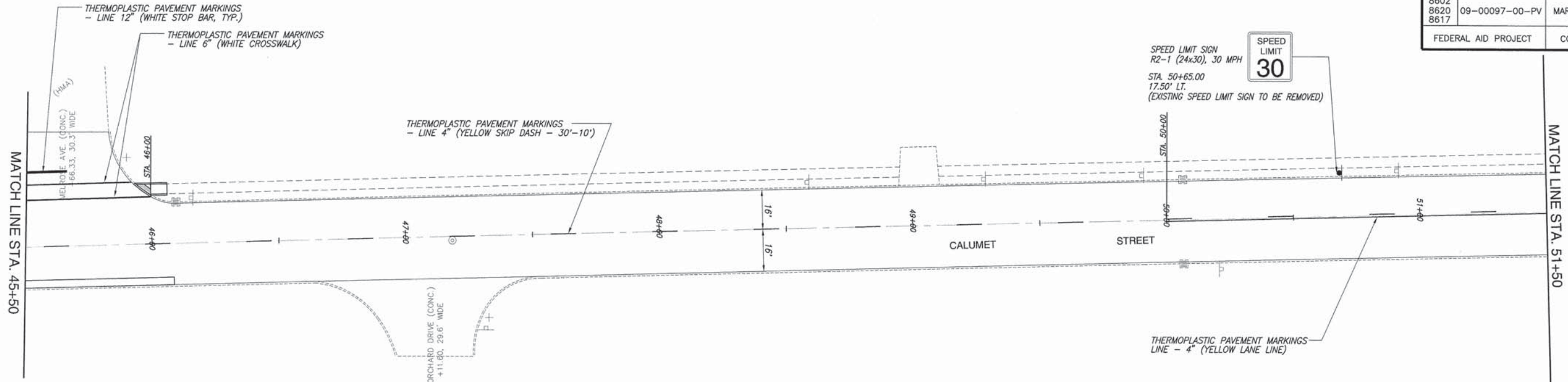
SCALE:
PLAN: 1" = 20'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	56
FEDERAL AID PROJECT		CONTRACT 97522		



SCALE:
PLAN: 1"=20'

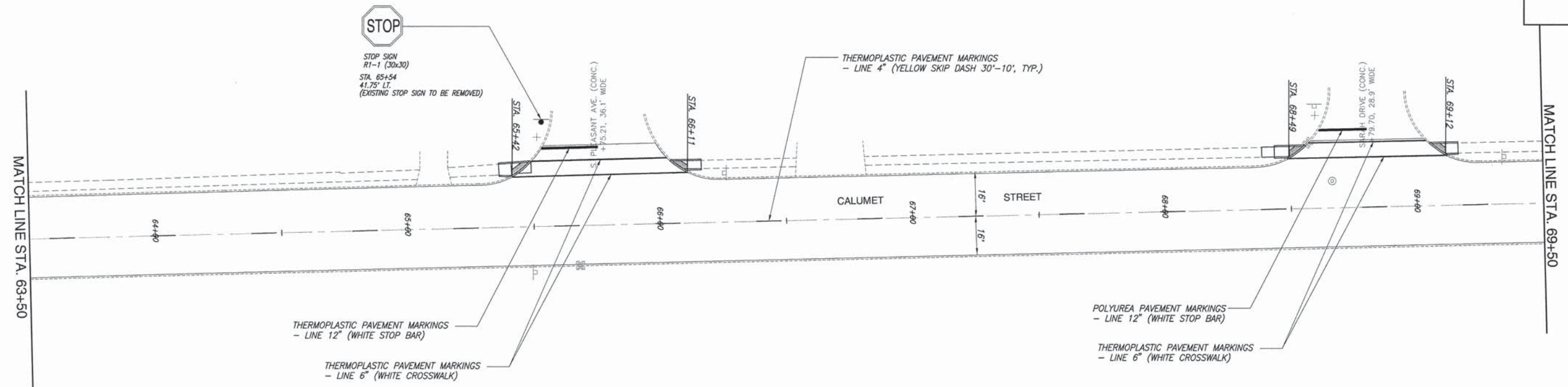
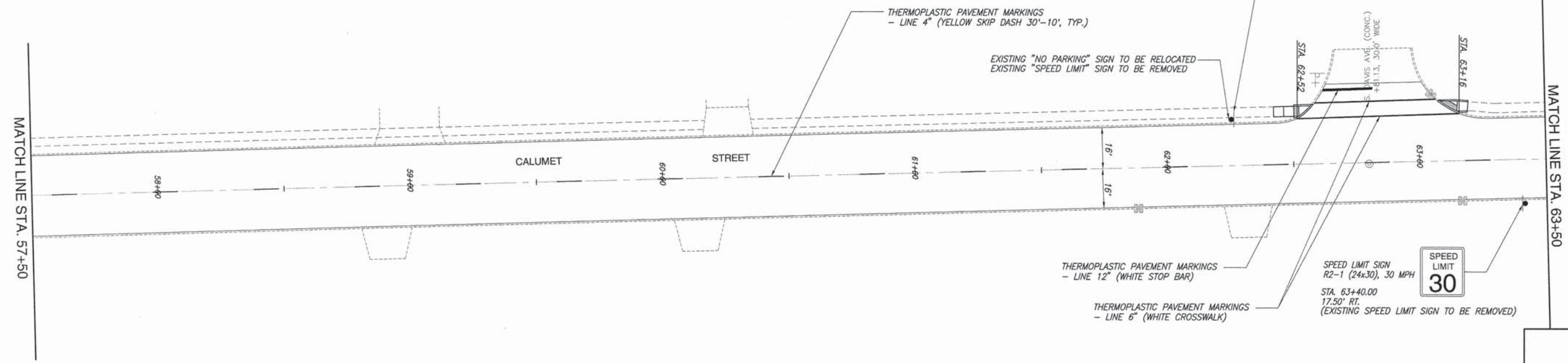
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	57
FEDERAL AID PROJECT		CONTRACT 97522		



N

SCALE:
PLAN: 1" = 20'

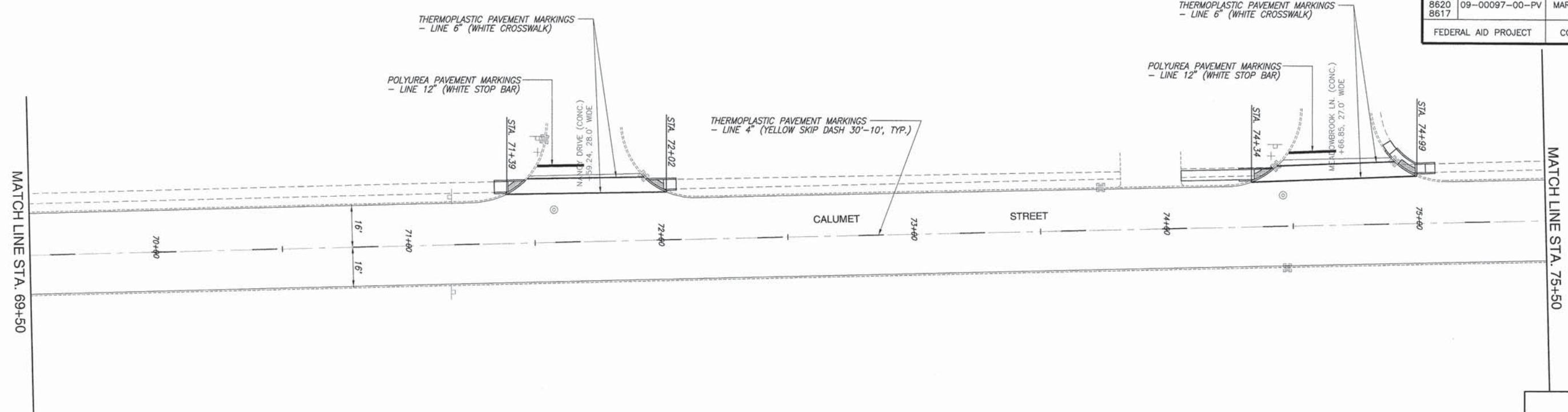
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	58
FEDERAL AID PROJECT		CONTRACT 97522		



N

SCALE:
PLAN: 1" = 20'

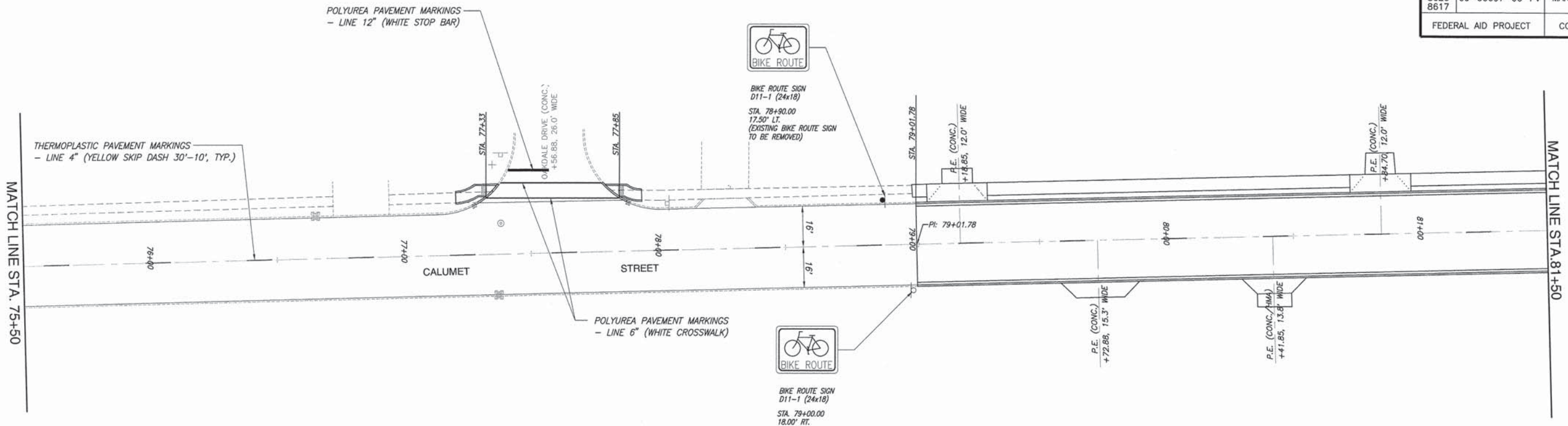
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	59
FEDERAL AID PROJECT		CONTRACT 97522		



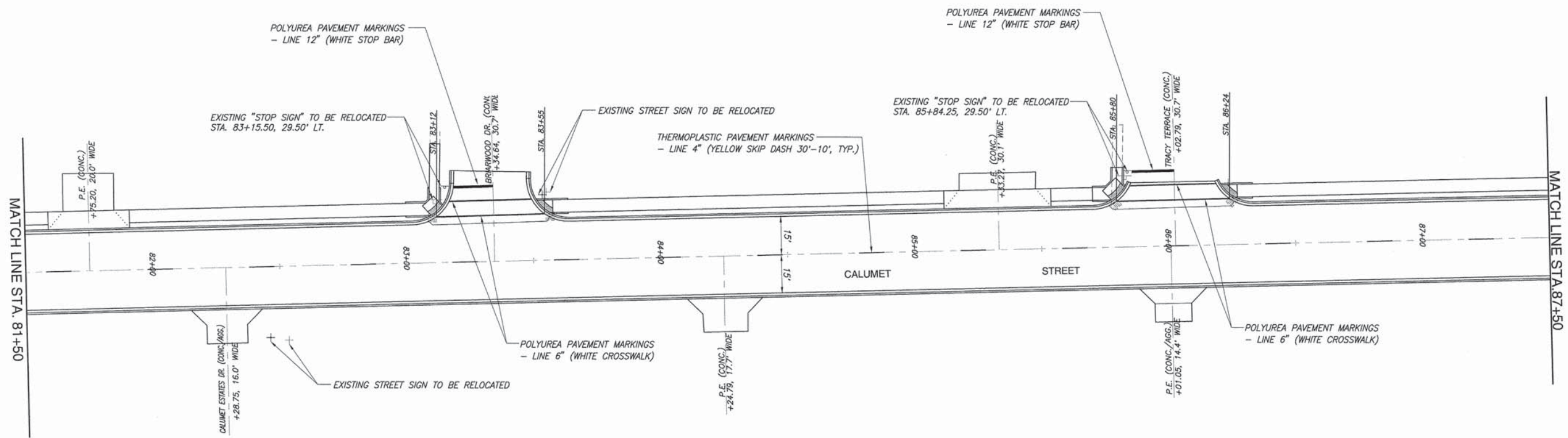
N

SCALE:
PLAN: 1" = 20'

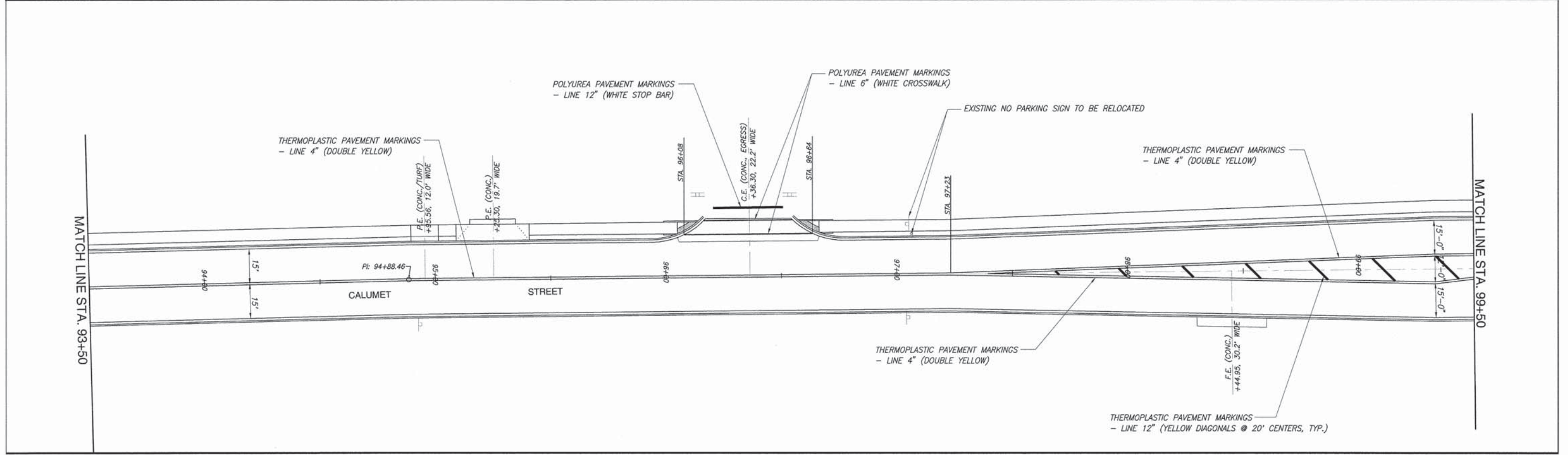
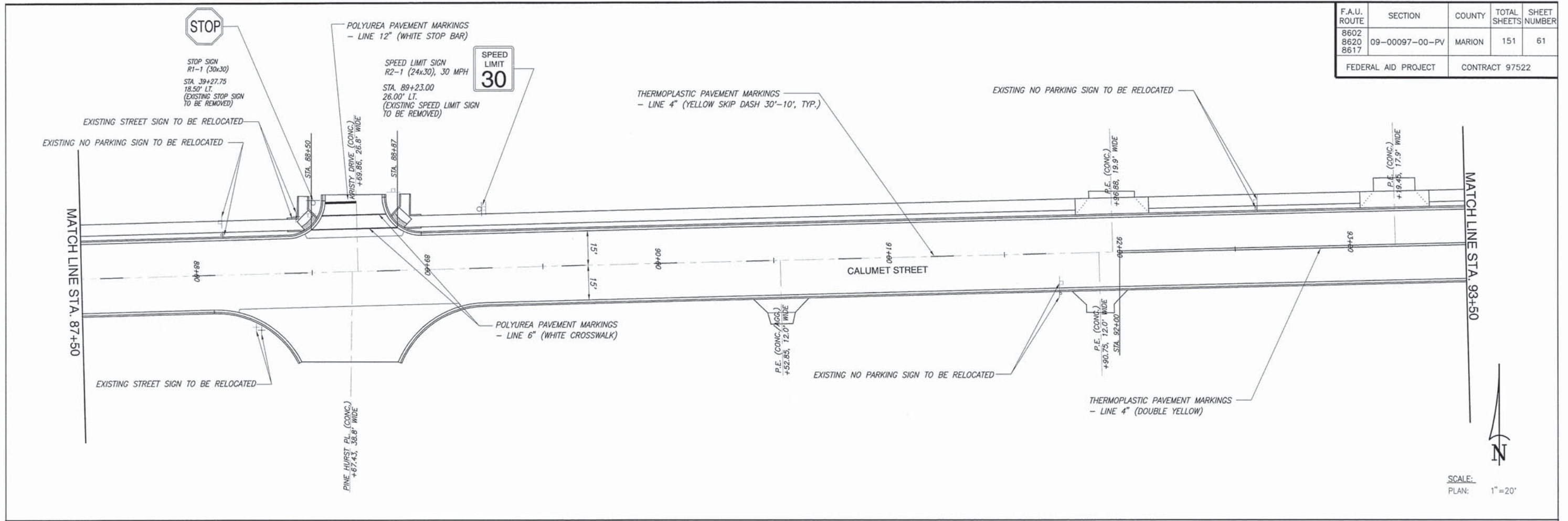
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	60
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		



SCALE:
PLAN: 1"=20'

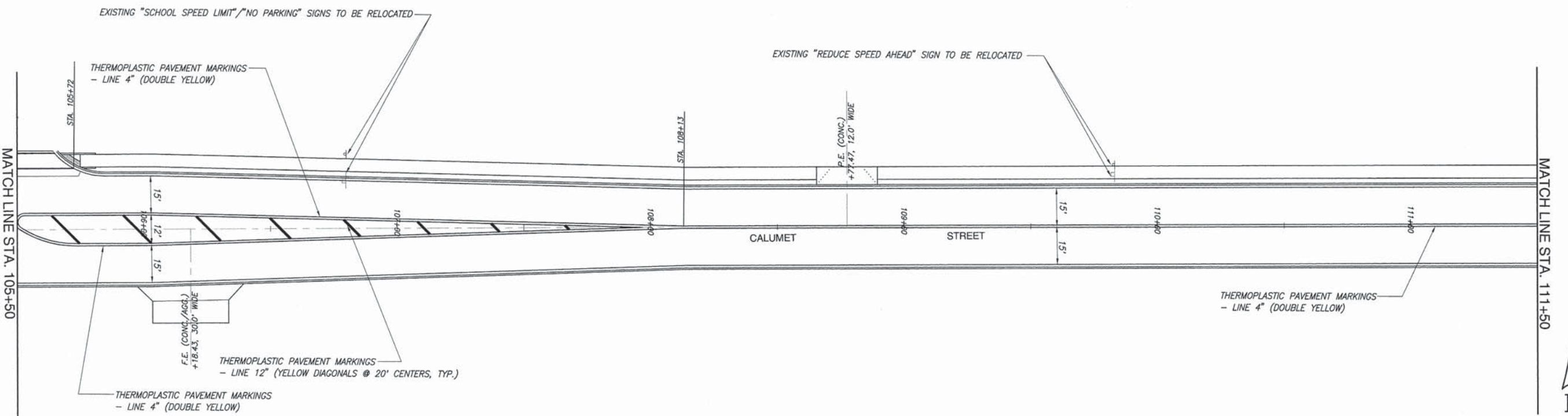
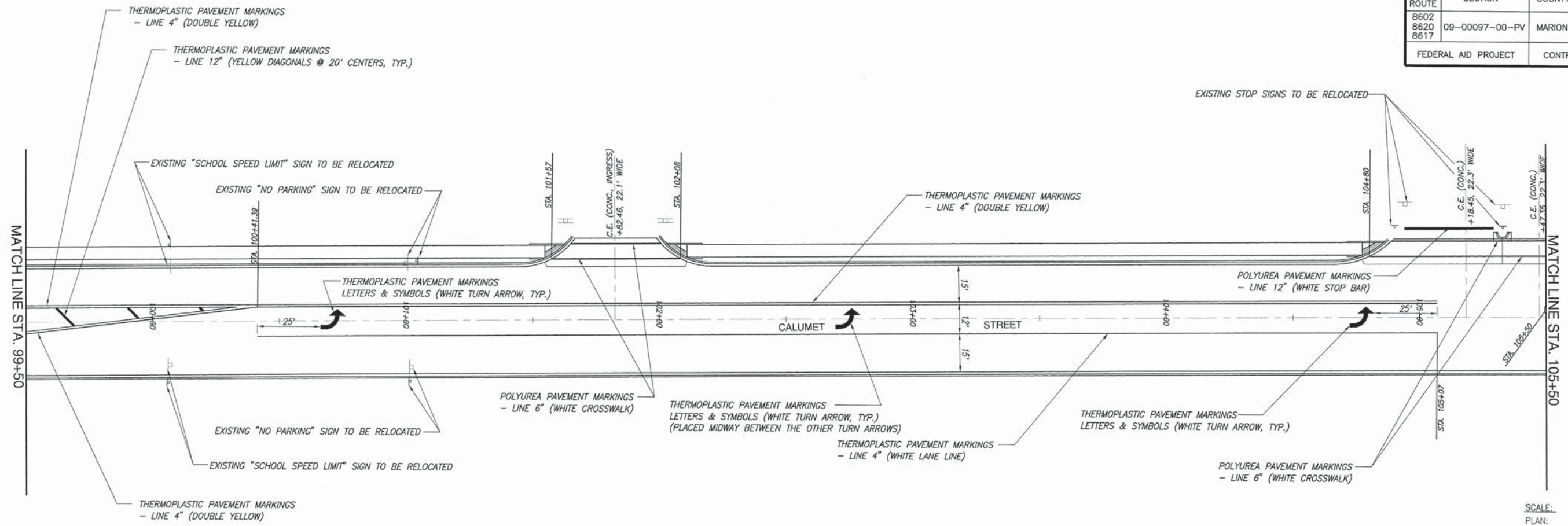


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	61
FEDERAL AID PROJECT		CONTRACT 97522		

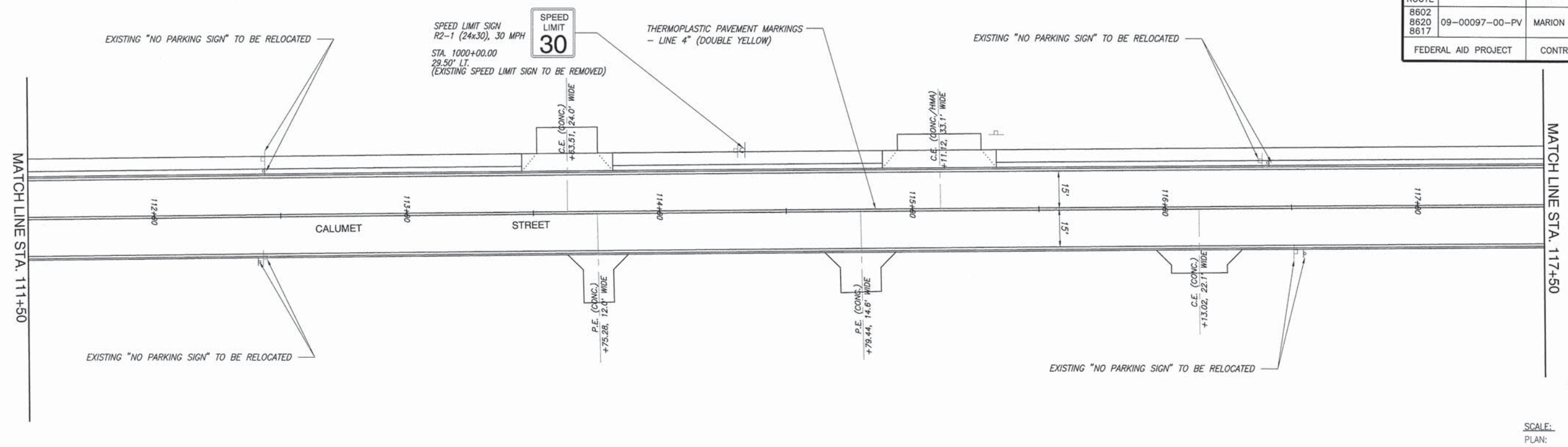


PAVEMENT MARKING PLAN CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

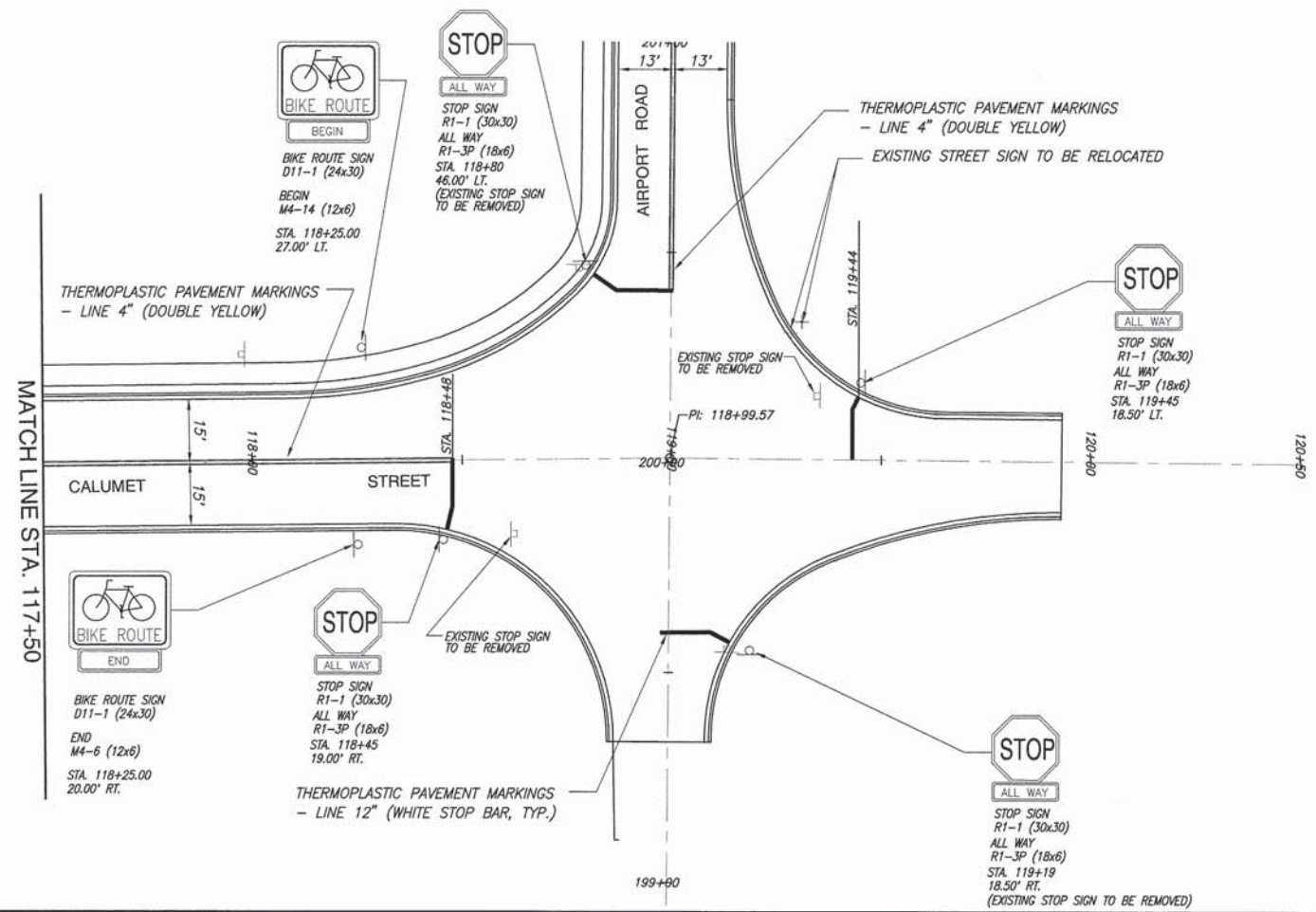
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	62
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		



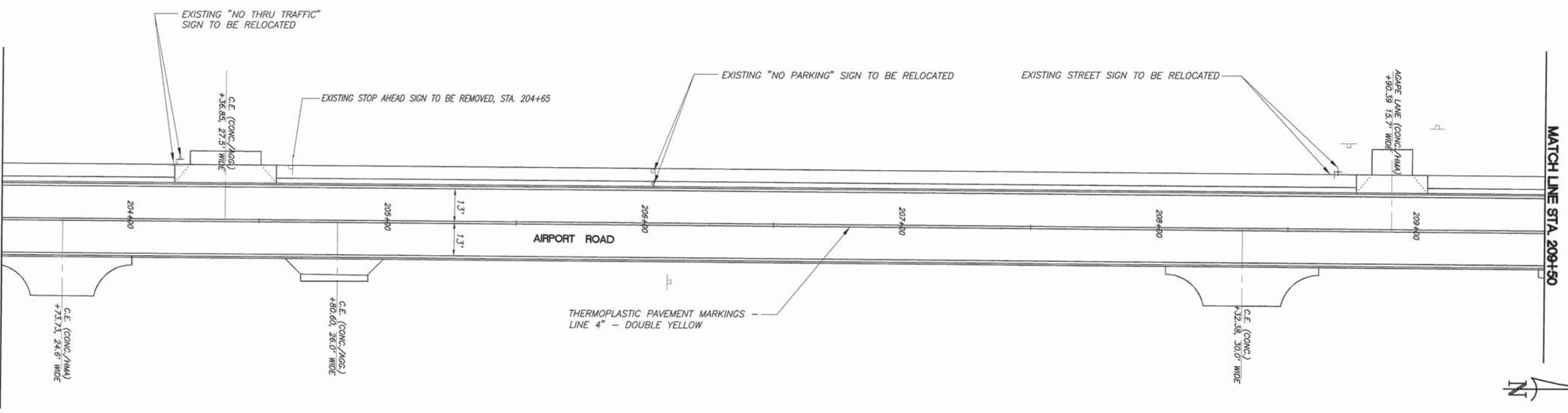
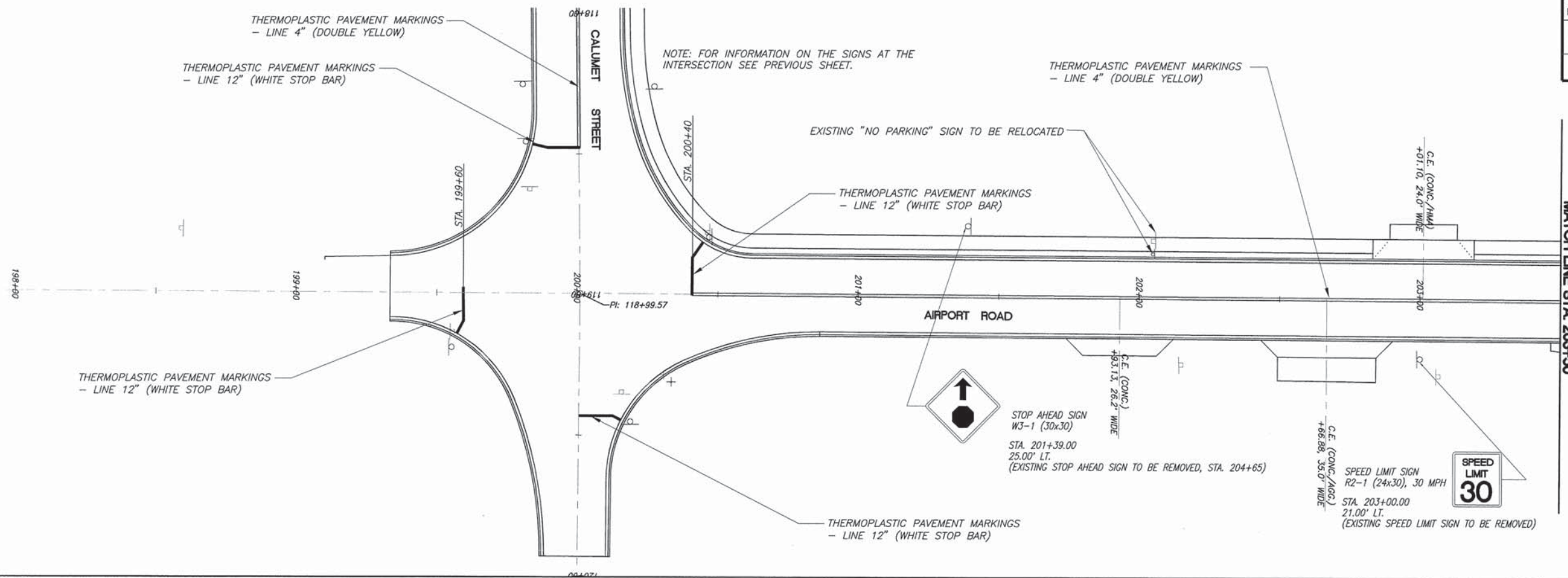
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	63
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		



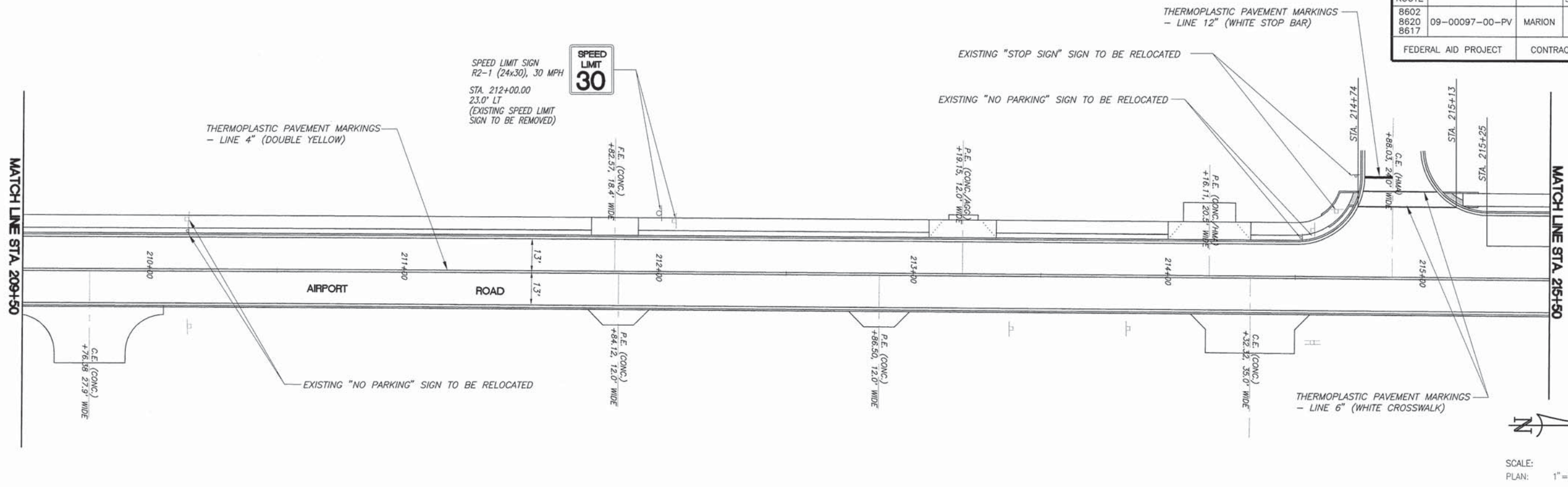
SCALE:
PLAN: 1" = 20'



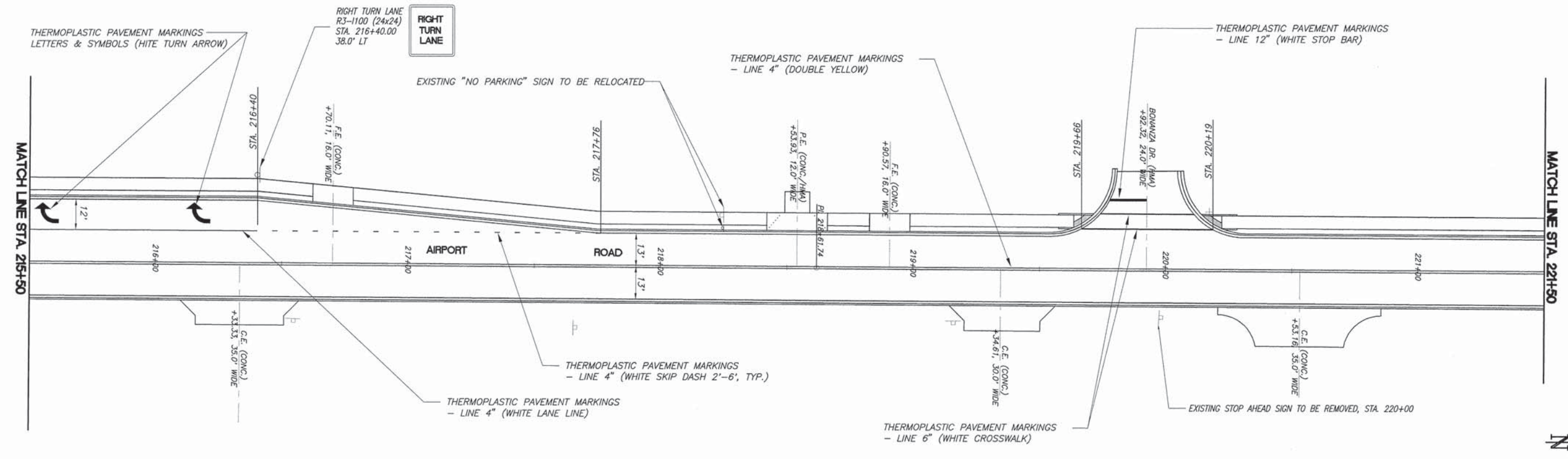
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	64
FEDERAL AID PROJECT		CONTRACT 97522		



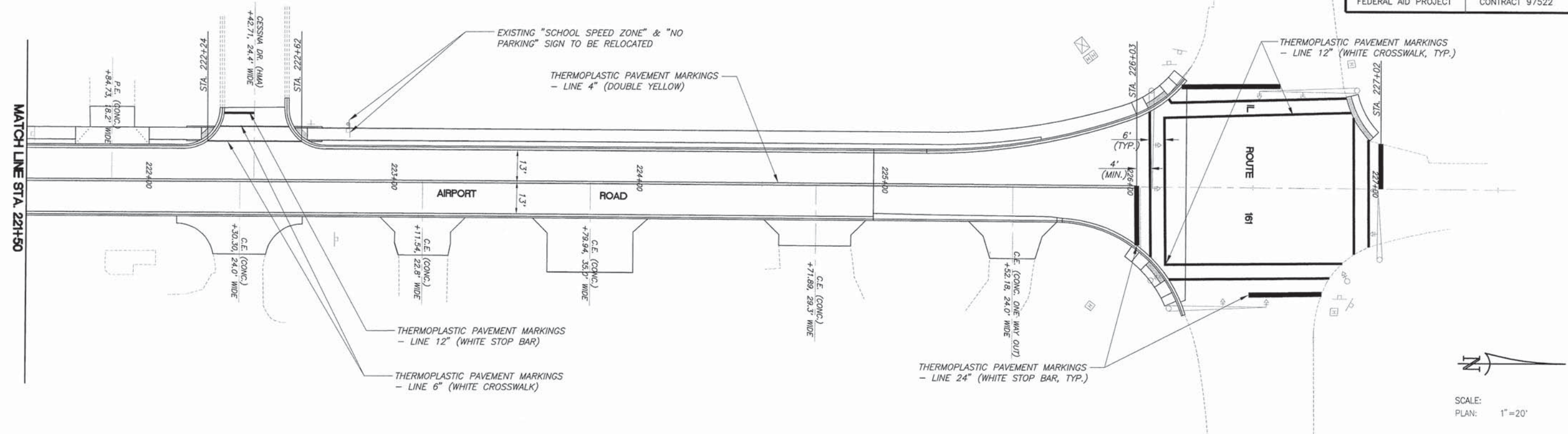
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	65
FEDERAL AID PROJECT		CONTRACT 97522		



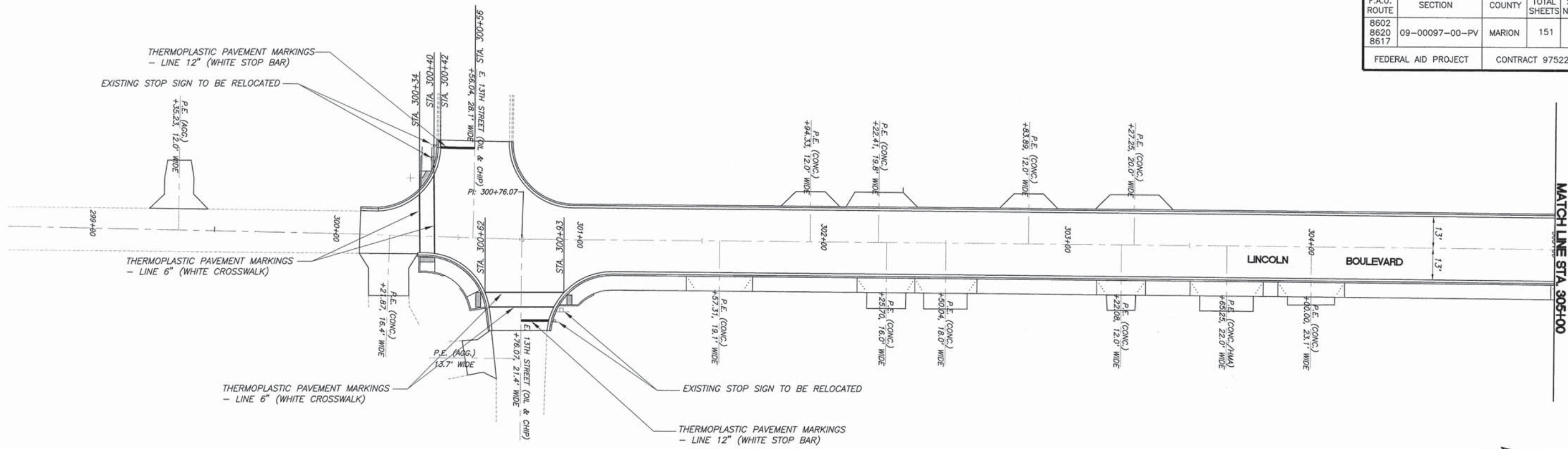
SCALE:
PLAN: 1" = 20'



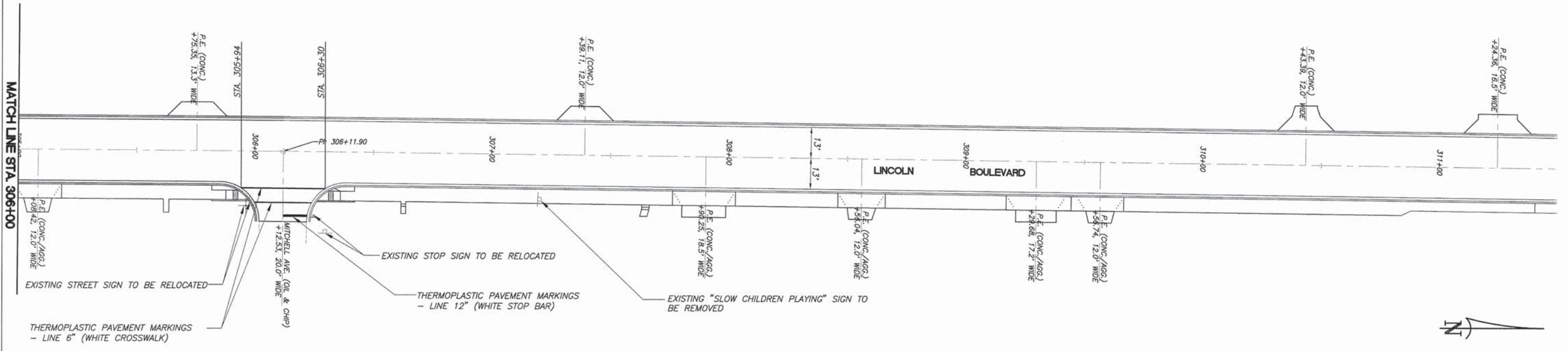
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	66
FEDERAL AID PROJECT		CONTRACT 97522		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	67
FEDERAL AID PROJECT		CONTRACT 97522		

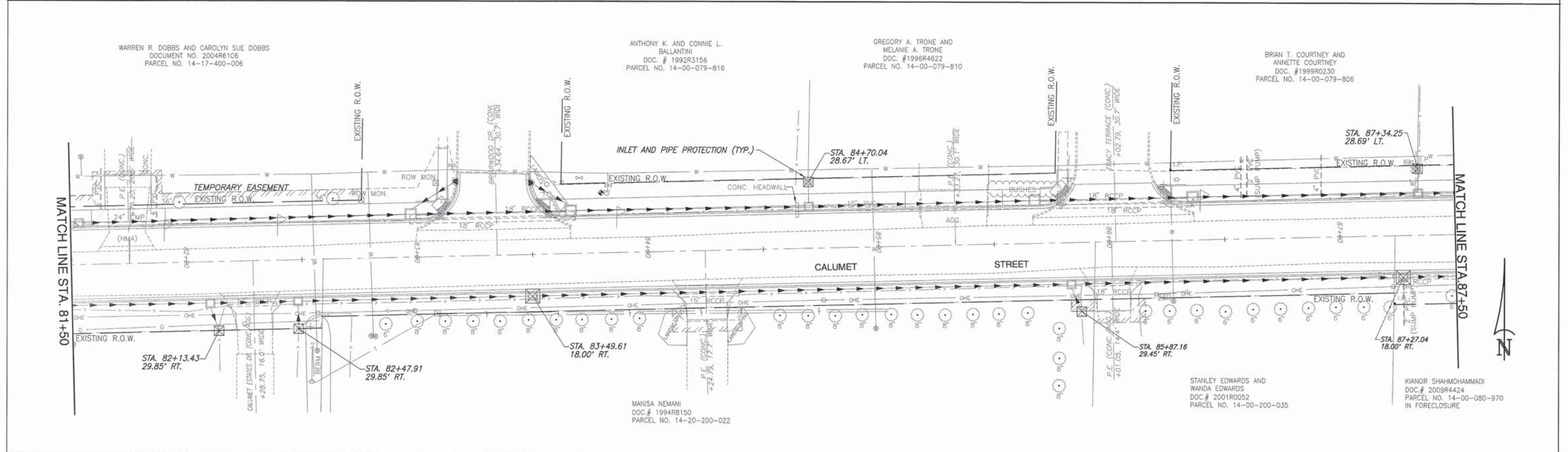
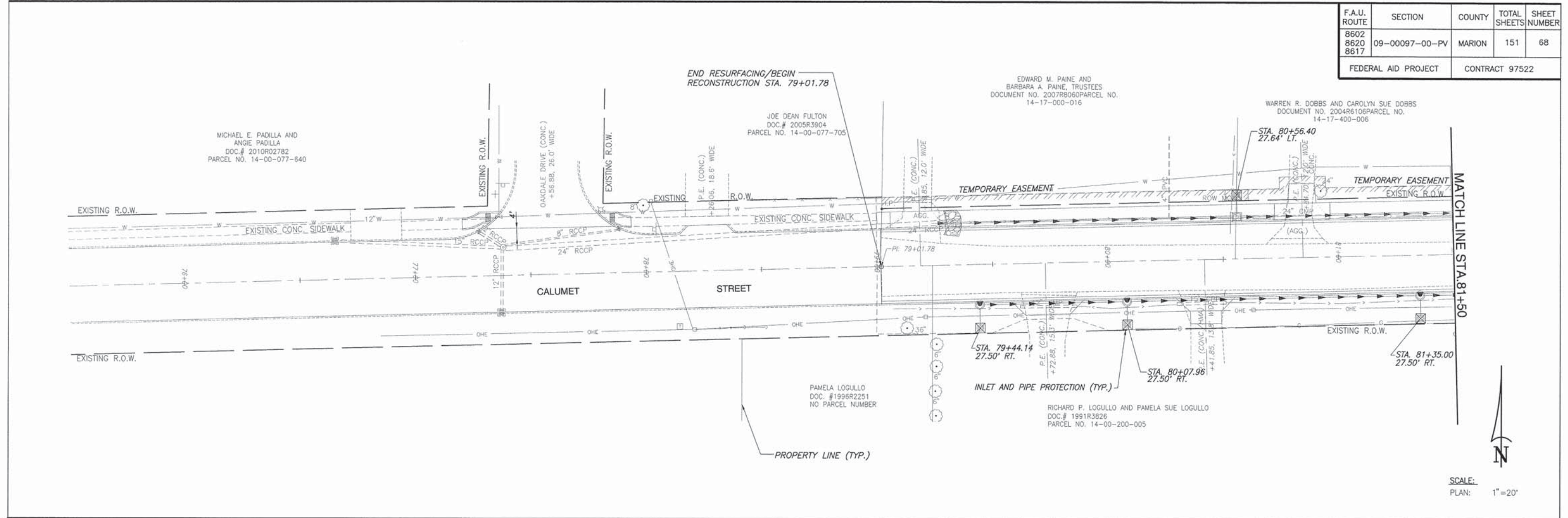


SCALE:
PLAN: 1" = 20'

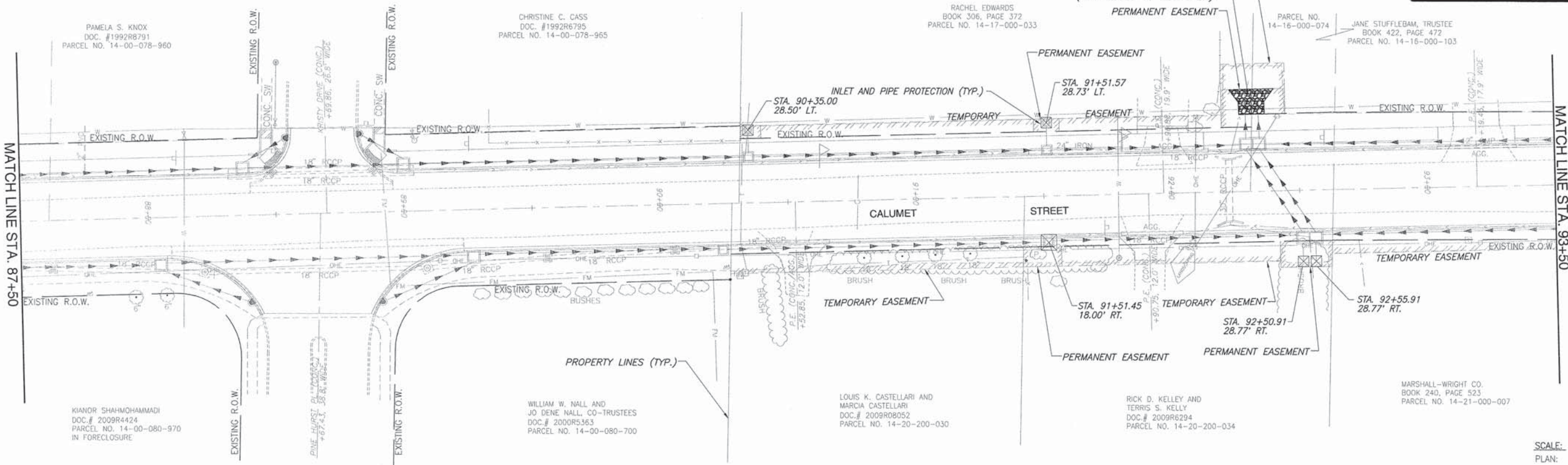


SCALE:
PLAN: 1" = 20'

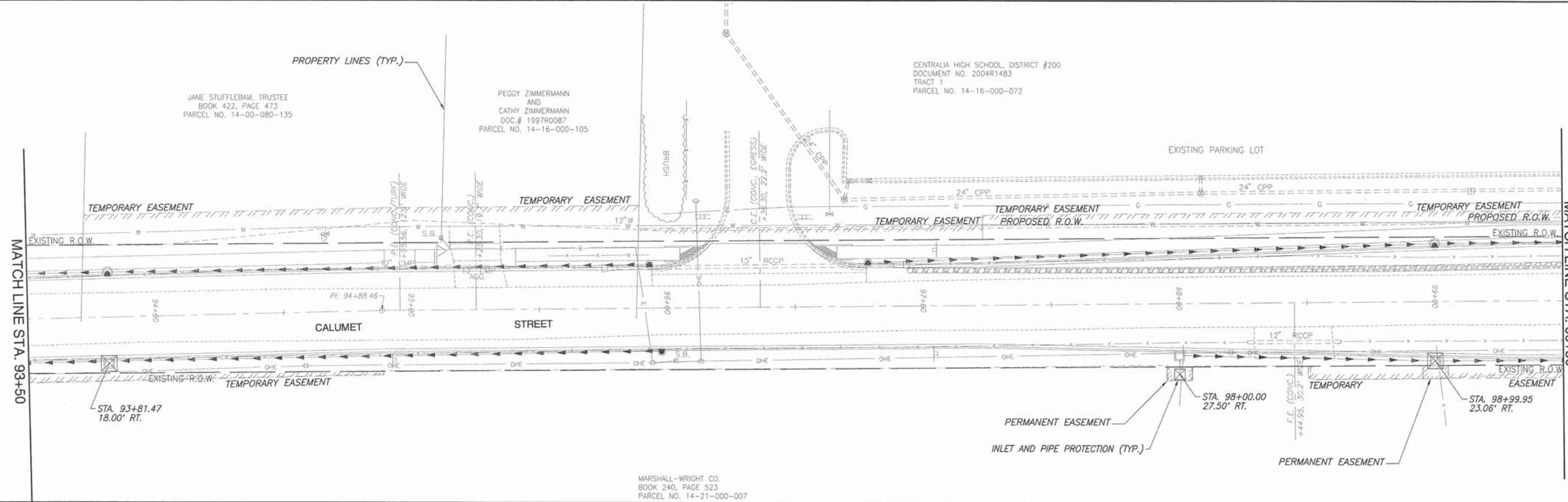
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	68
FEDERAL AID PROJECT			CONTRACT 97522	



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	69
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		

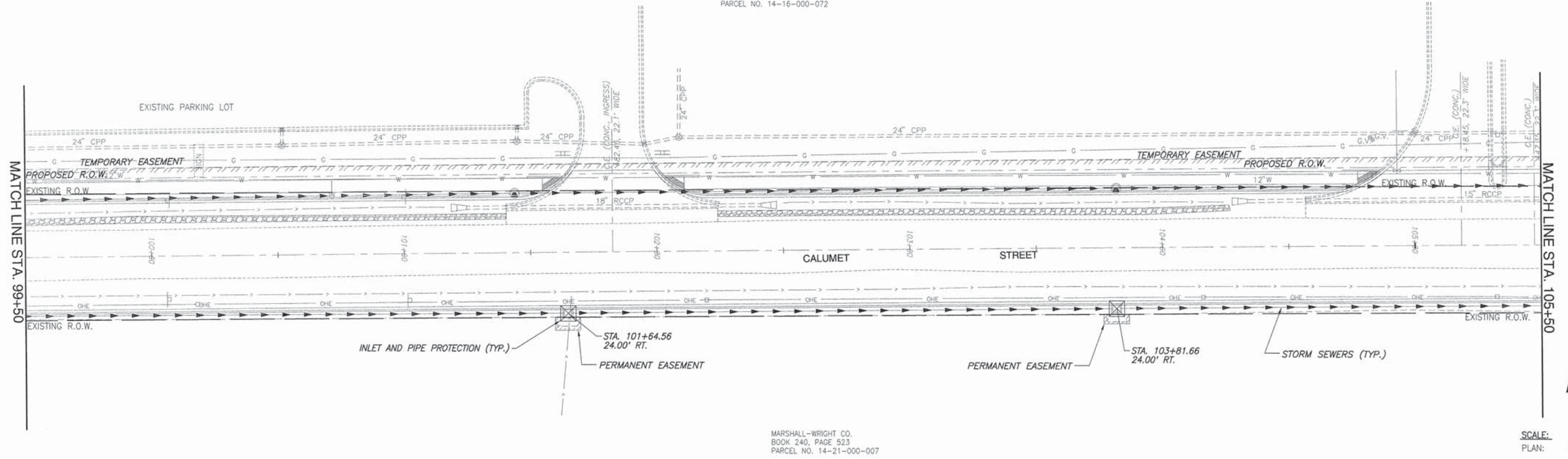


SCALE:
PLAN: 1"=20'

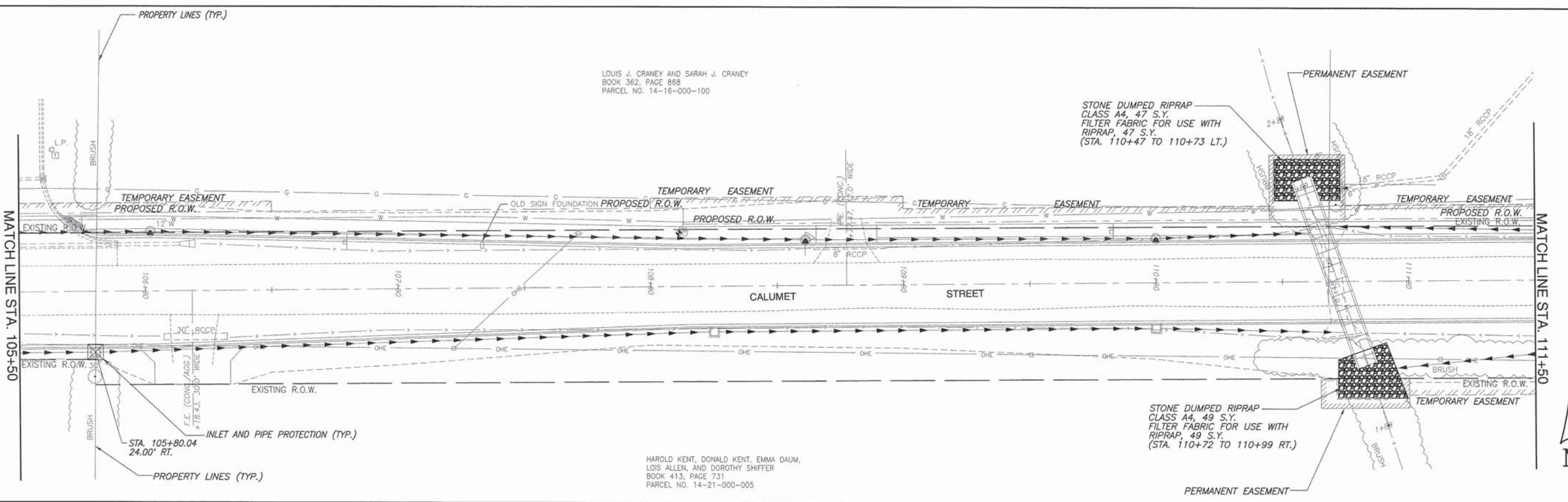


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	70
FEDERAL AID PROJECT		CONTRACT 97522		

CENTRALIA HIGH SCHOOL, DISTRICT #200
DOCUMENT NO. 2004R1483
TRACT 1
PARCEL NO. 14-16-000-072



MARSHALL-WRIGHT CO.
BOOK 240, PAGE 523
PARCEL NO. 14-21-000-007

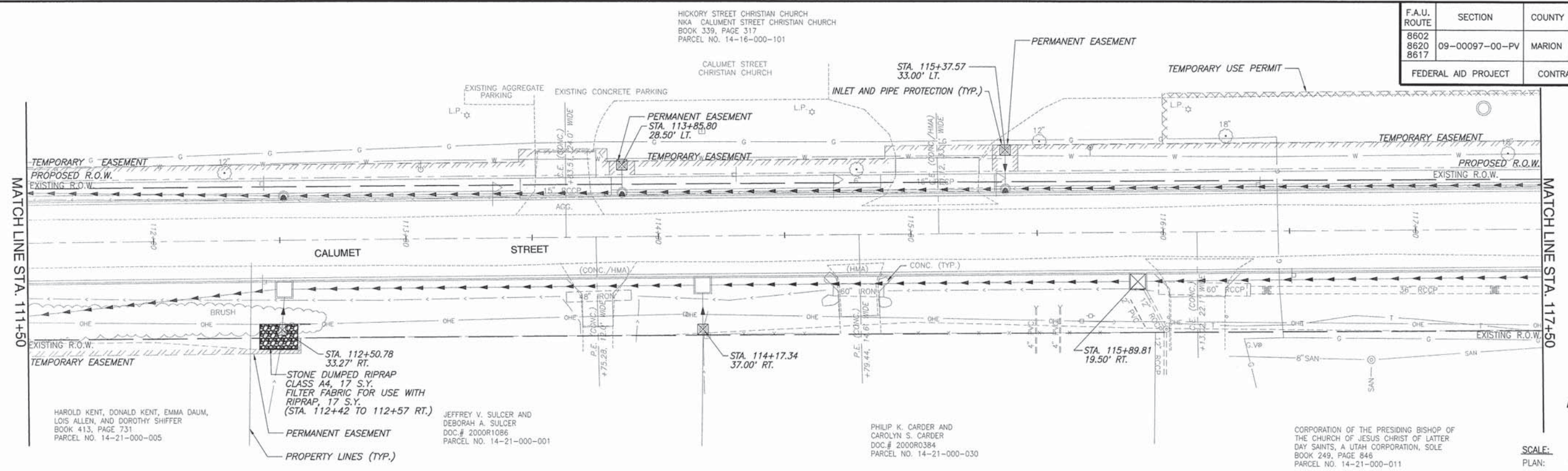


HAROLD KENT, DONALD KENT, EMMA DAUM,
LOIS ALLEN, AND DOROTHY SHIFFER
BOOK 413, PAGE 731
PARCEL NO. 14-21-000-005

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	71
8620				
8617				
FEDERAL AID PROJECT			CONTRACT 97522	

HICKORY STREET CHRISTIAN CHURCH
 NKA CALUMET STREET CHRISTIAN CHURCH
 BOOK 339, PAGE 317
 PARCEL NO. 14-16-000-101

CALUMET STREET CHRISTIAN CHURCH



HAROLD KENT, DONALD KENT, EMMA DAUM,
 LOS ALLEN, AND DOROTHY SHIFFER
 BOOK 413, PAGE 731
 PARCEL NO. 14-21-000-005

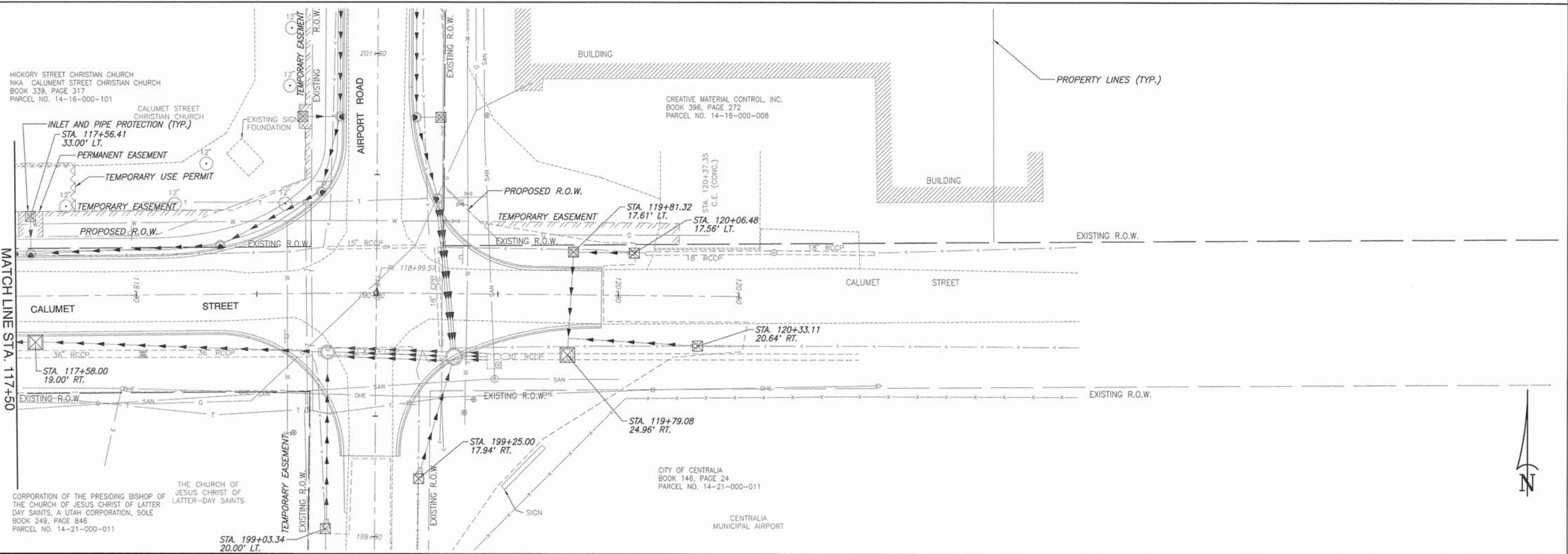
STONE DUMPED RIPRAP
 CLASS A4, 17 S.Y.
 FILTER FABRIC FOR USE WITH
 RIPRAP, 17 S.Y.
 (STA. 112+42 TO 112+57 RT.)

JEFFREY V. SULCER AND
 DEBORAH A. SULCER
 DOC.# 2000R1086
 PARCEL NO. 14-21-000-001

PHILIP K. CARDER AND
 CAROLYN S. CARDER
 DOC.# 2000R0384
 PARCEL NO. 14-21-000-030

CORPORATION OF THE PRESIDING BISHOP OF
 THE CHURCH OF JESUS CHRIST OF LATTER
 DAY SAINTS, A UTAH CORPORATION, SOLE
 BOOK 249, PAGE 846
 PARCEL NO. 14-21-000-011

SCALE:
 PLAN: 1"=20'



HICKORY STREET CHRISTIAN CHURCH
 NKA CALUMET STREET CHRISTIAN CHURCH
 BOOK 339, PAGE 317
 PARCEL NO. 14-16-000-101

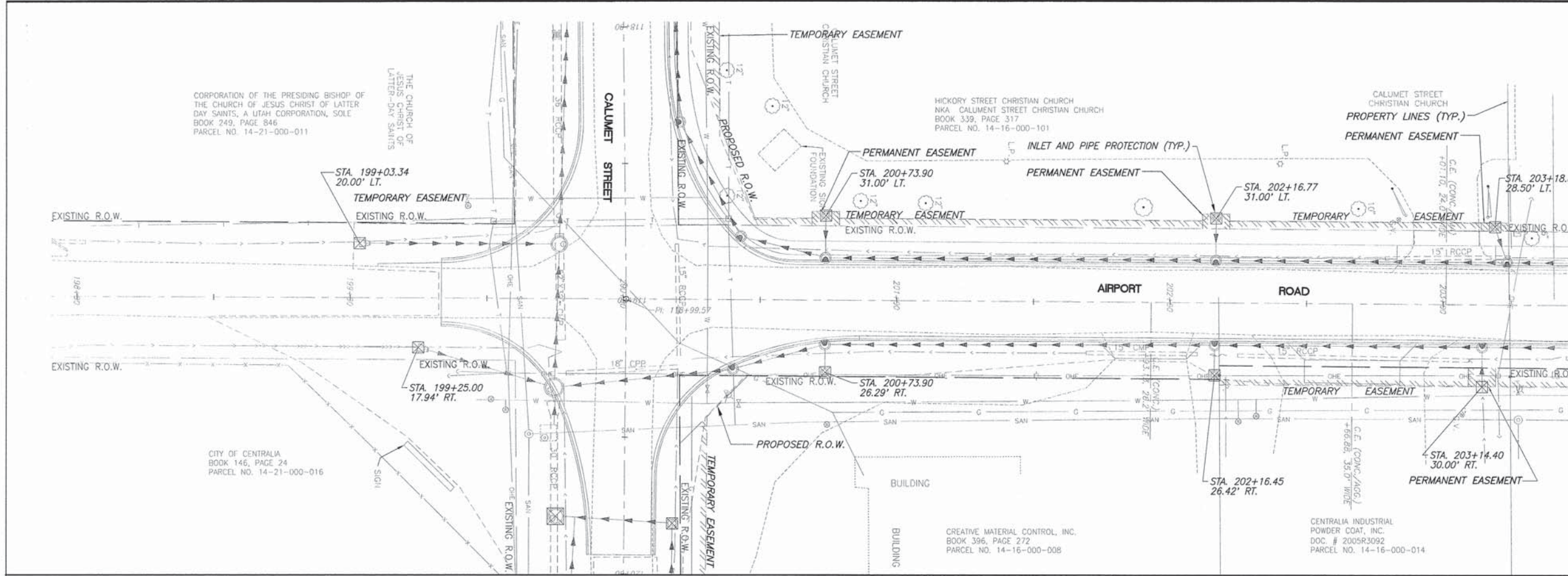
CREATIVE MATERIAL CONTROL, INC.
 BOOK 396, PAGE 272
 PARCEL NO. 14-16-000-008

CORPORATION OF THE PRESIDING BISHOP OF
 THE CHURCH OF JESUS CHRIST OF LATTER
 DAY SAINTS, A UTAH CORPORATION, SOLE
 BOOK 249, PAGE 846
 PARCEL NO. 14-21-000-011

CITY OF CENTRALIA
 BOOK 146, PAGE 24
 PARCEL NO. 14-21-000-011

CENTRALIA
 MUNICIPAL AIRPORT

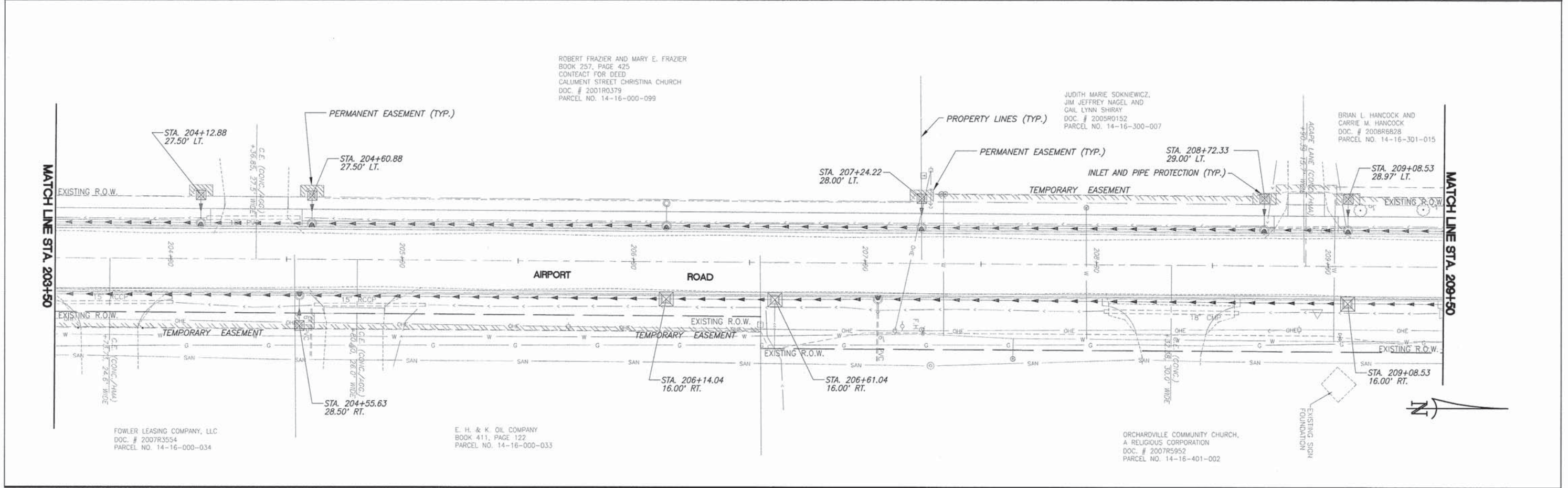
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	72
8620				
8617				
FEDERAL AID PROJECT			CONTRACT 97522	



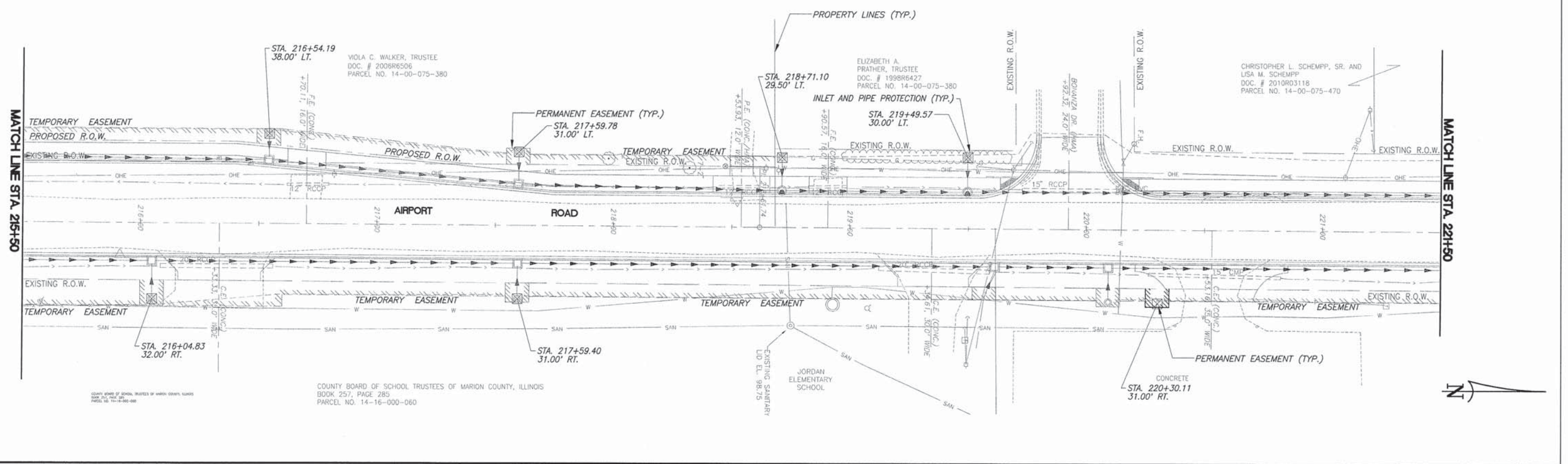
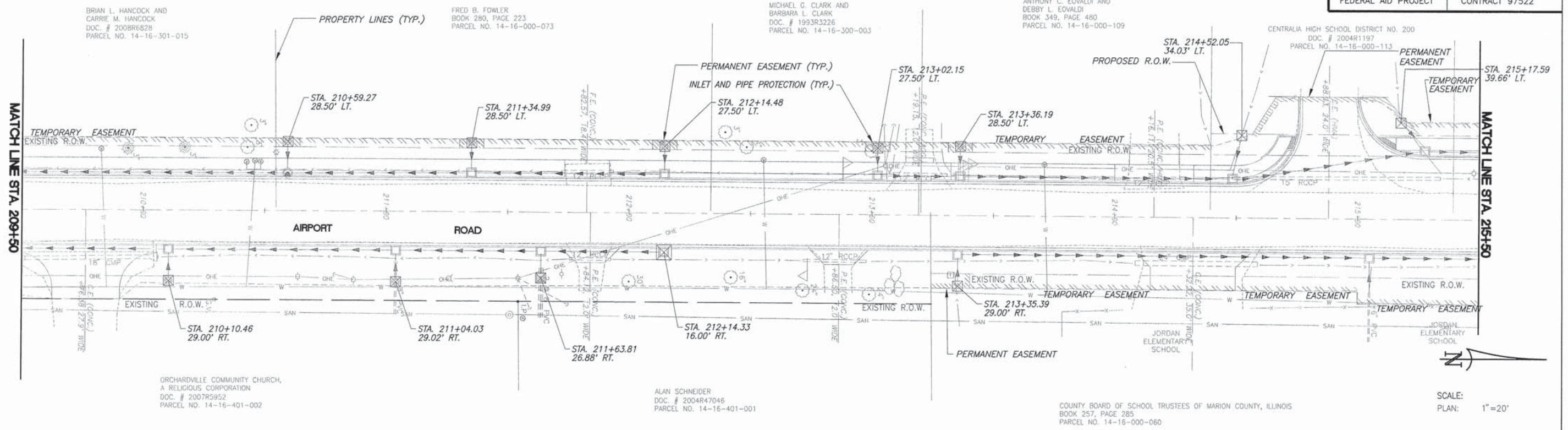
MATCH LINE STA 203+50



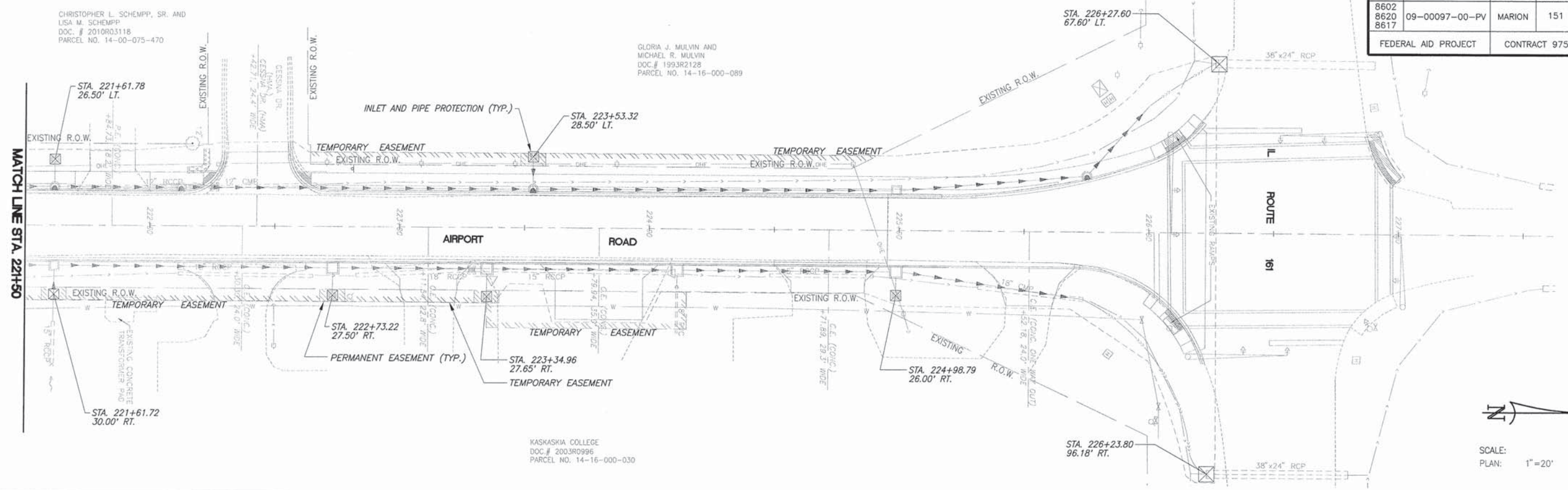
SCALE:
PLAN: 1" = 20'



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	73
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	74
8620				
8617				
FEDERAL AID PROJECT		CONTRACT 97522		



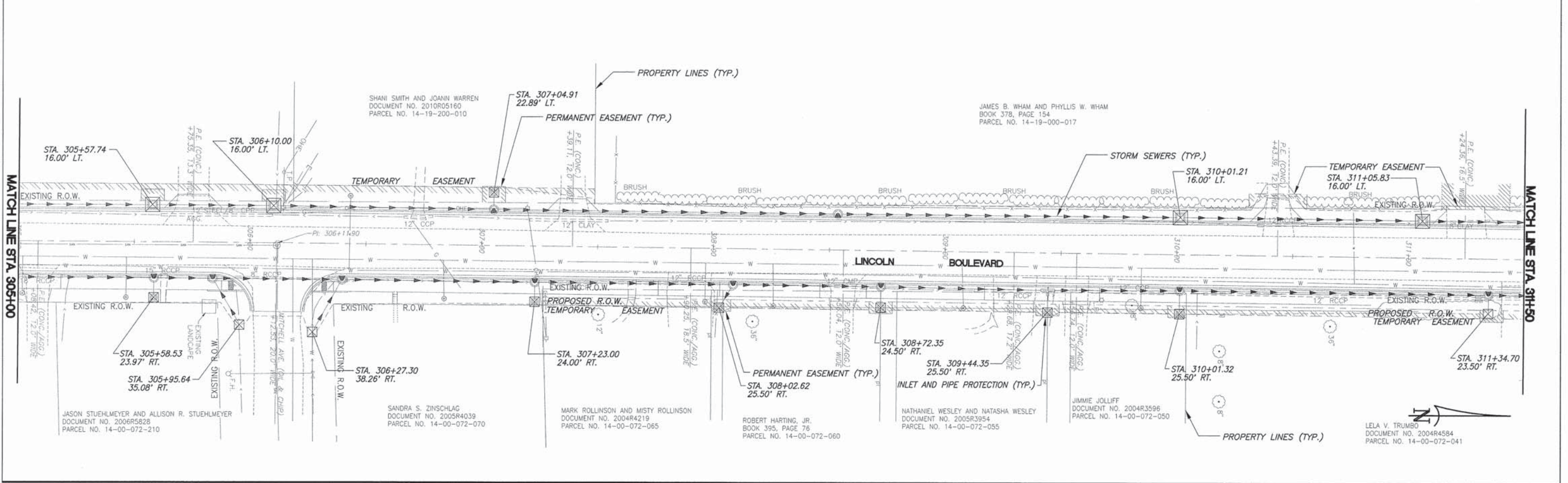
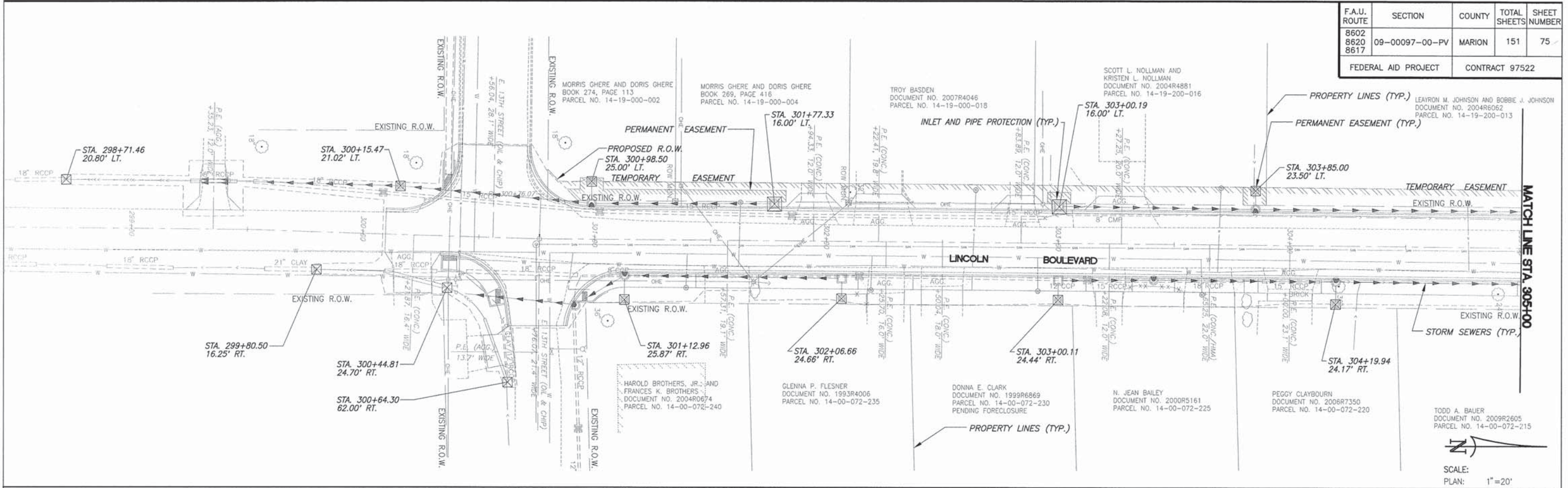
SCALE:
PLAN: 1" = 20'

CHRISTOPHER L. SCHEMPF, SR. AND
LISA M. SCHEMPF
DOC. # 2010R03118
PARCEL NO. 14-00-075-470

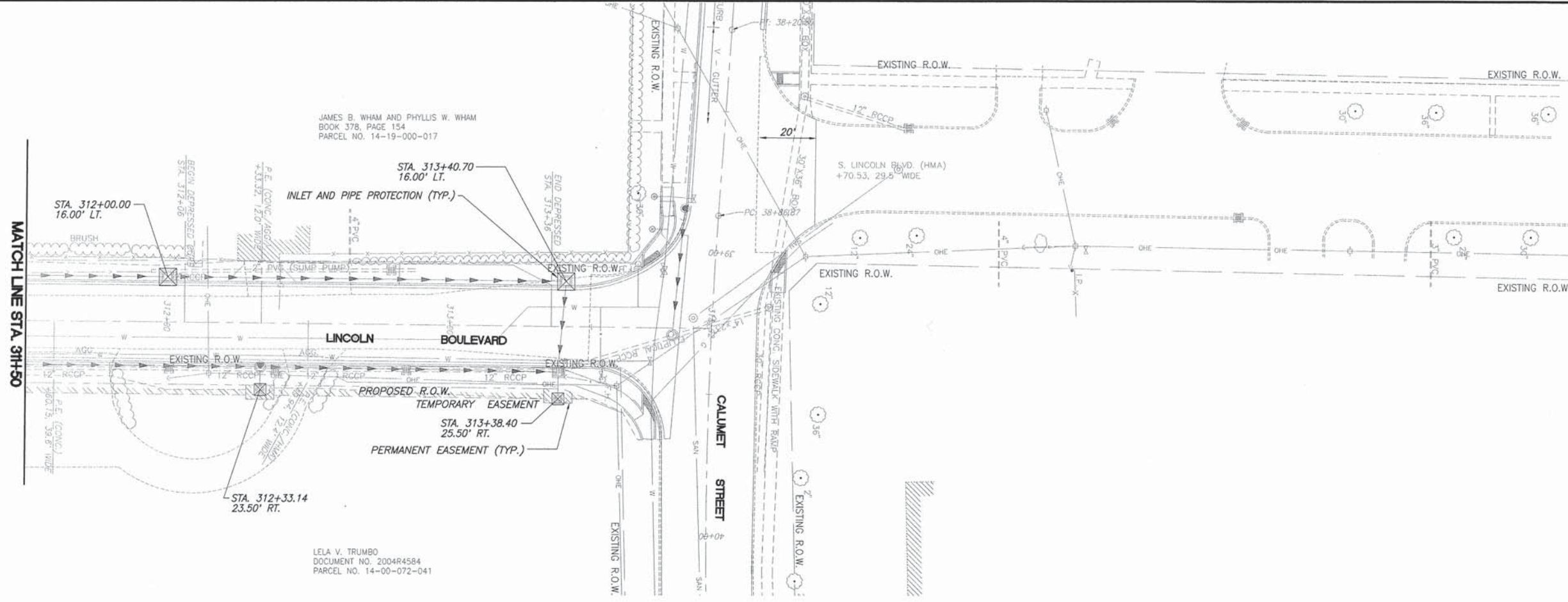
GLORIA J. MULVIN AND
MICHAEL R. MULVIN
DOC. # 1993R2128
PARCEL NO. 14-16-000-089

KASKASKIA COLLEGE
DOC. # 2003R0996
PARCEL NO. 14-16-000-030

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602				
8620	09-00097-00-PV	MARION	151	75
8617				
FEDERAL AID PROJECT		CONTRACT 97522		

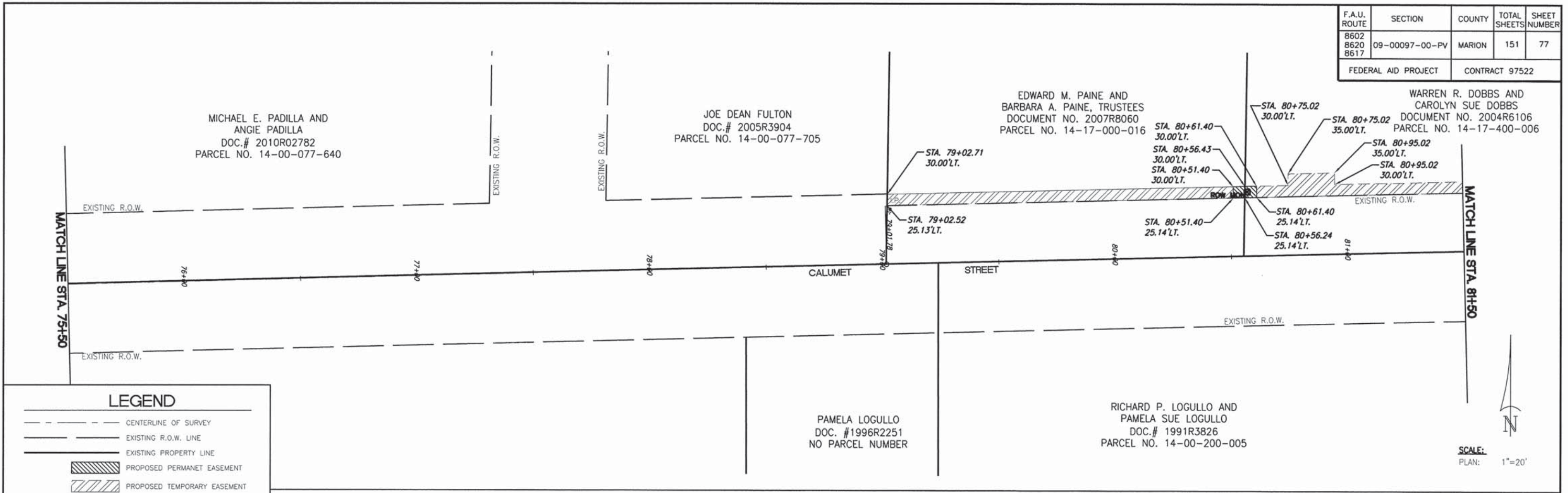


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	76
FEDERAL AID PROJECT		CONTRACT 97522		



SCALE:
 PLAN: 1" = 20'

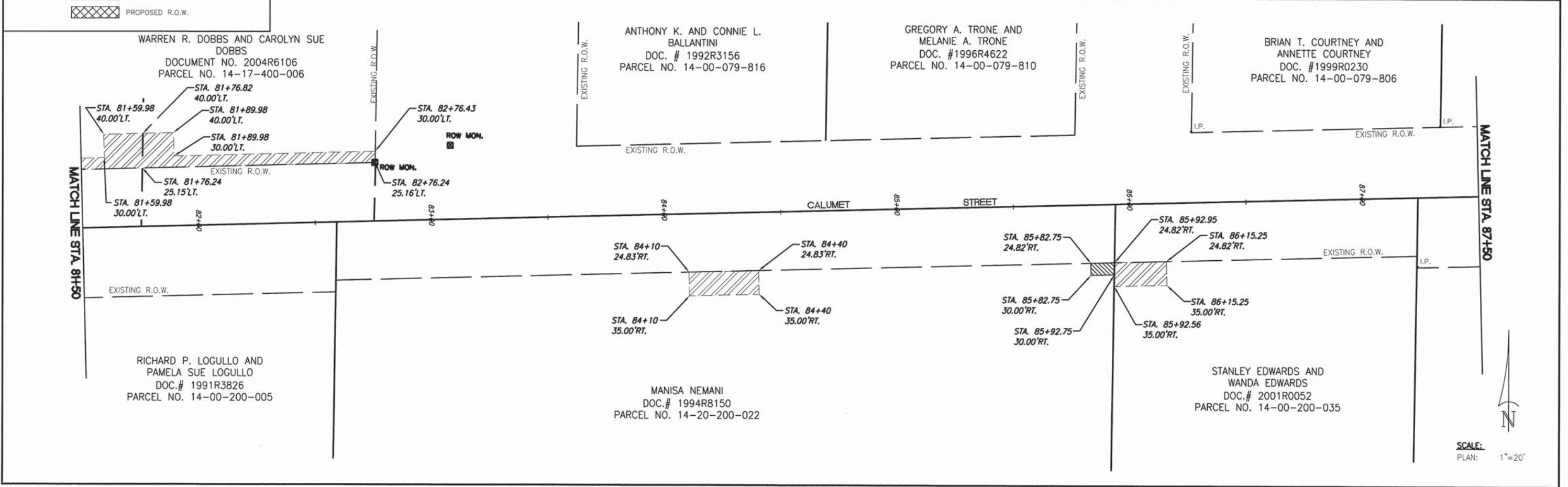
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	77
FEDERAL AID PROJECT			CONTRACT 97522	



LEGEND

- CENTERLINE OF SURVEY
- - - EXISTING R.O.W. LINE
- EXISTING PROPERTY LINE
- ▨ PROPOSED PERMANENT EASEMENT
- ▧ PROPOSED TEMPORARY EASEMENT
- ▩ PROPOSED R.O.W.

SCALE:
PLAN: 1"=20'



SCALE:
PLAN: 1"=20'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602	09-00097-00-PV	MARION	151	78
8620				
8617				

FEDERAL AID PROJECT CONTRACT 97522

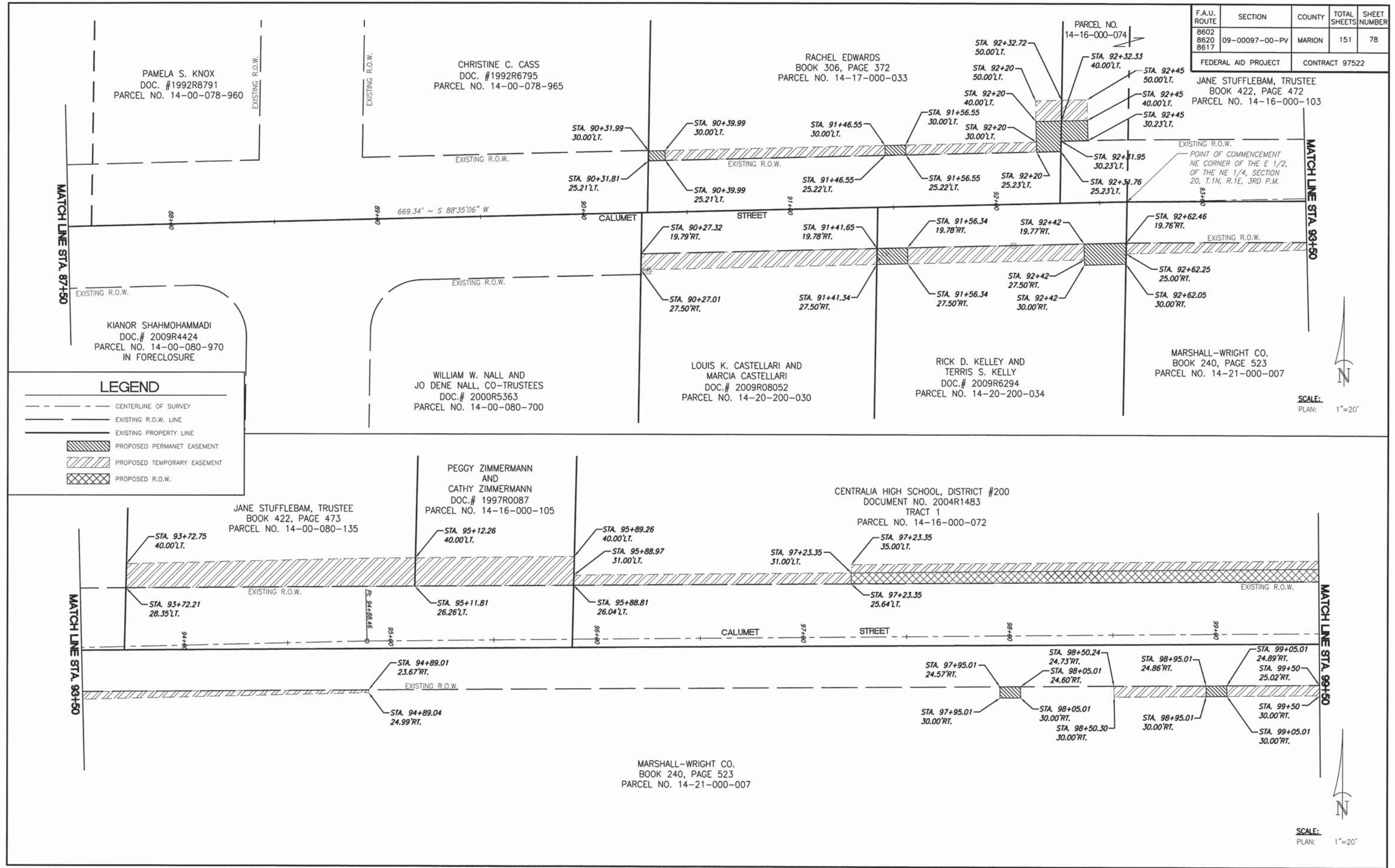
JANE STUFFLEBAM, TRUSTEE
BOOK 422, PAGE 472
PARCEL NO. 14-16-000-103

EXISTING R.O.W.
POINT OF COMMENCEMENT
NE CORNER OF THE E 1/2,
OF THE NE 1/4, SECTION
20, T.1N, R.1E, JRD P.M.

MARSHALL-WRIGHT CO.
BOOK 240, PAGE 523
PARCEL NO. 14-21-000-007

SCALE:
PLAN: 1"=20'

SCALE:
PLAN: 1"=20'

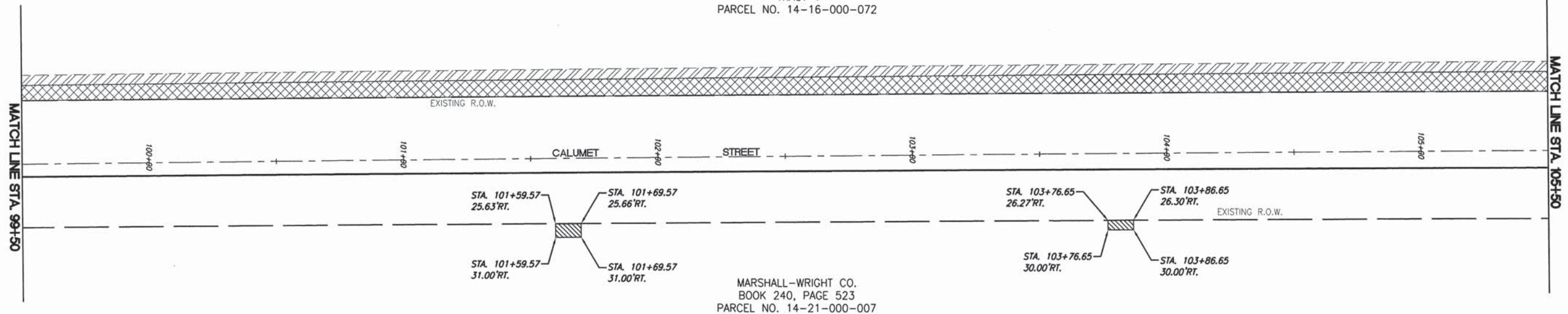


LEGEND

- CENTERLINE OF SURVEY
- - - EXISTING R.O.W. LINE
- EXISTING PROPERTY LINE
- ▨ PROPOSED PERMANENT EASEMENT
- ▧ PROPOSED TEMPORARY EASEMENT
- ▩ PROPOSED R.O.W.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	79
FEDERAL AID PROJECT			CONTRACT 97522	

CENTRALIA HIGH SCHOOL, DISTRICT #200
DOCUMENT NO. 2004R1483
TRACT 1
PARCEL NO. 14-16-000-072



MATCH LINE STA. 105+50

MATCH LINE STA. 99+50

LEGEND

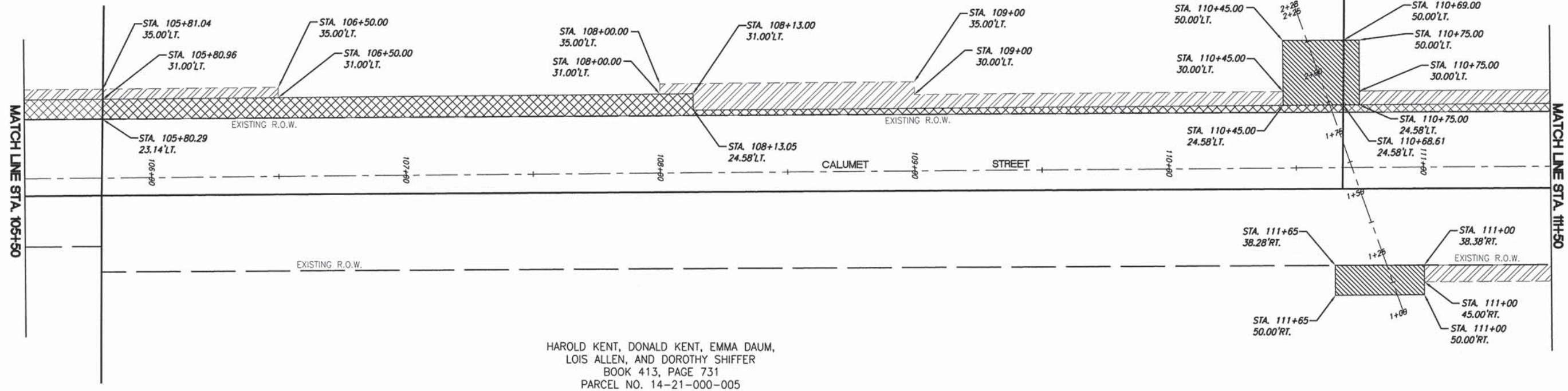
- CENTERLINE OF SURVEY
- - - EXISTING R.O.W. LINE
- EXISTING PROPERTY LINE
- ▨ PROPOSED PERMANENT EASEMENT
- ▧ PROPOSED TEMPORARY EASEMENT
- ▩ PROPOSED R.O.W.

SCALE:
PLAN: 1"=20'



LOUIS J. CRANEY AND SARAH J. CRANEY
BOOK 362, PAGE 868
PARCEL NO. 14-16-000-100

HICKORY STREET CHRISTIAN CHURCH
NKA CALUMET STREET CHRISTIAN CHURCH
BOOK 339, PAGE 317
PARCEL NO. 14-16-000-101



HAROLD KENT, DONALD KENT, EMMA DAUM,
LOIS ALLEN, AND DOROTHY SHIFFER
BOOK 413, PAGE 731
PARCEL NO. 14-21-000-005

SCALE:
PLAN: 1"=20'

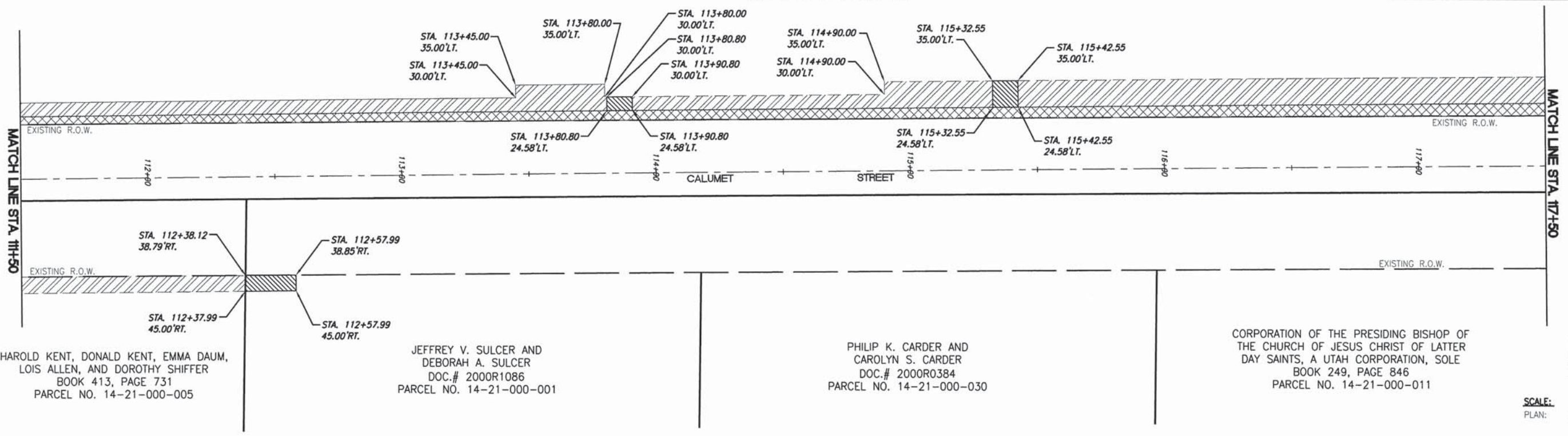


MATCH LINE STA. 105+50

MATCH LINE STA. 111+50

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	80
FEDERAL AID PROJECT		CONTRACT 97522		

HICKORY STREET CHRISTIAN CHURCH
 NKA CALUMET STREET CHRISTIAN CHURCH
 BOOK 339, PAGE 317
 PARCEL NO. 14-16-000-101

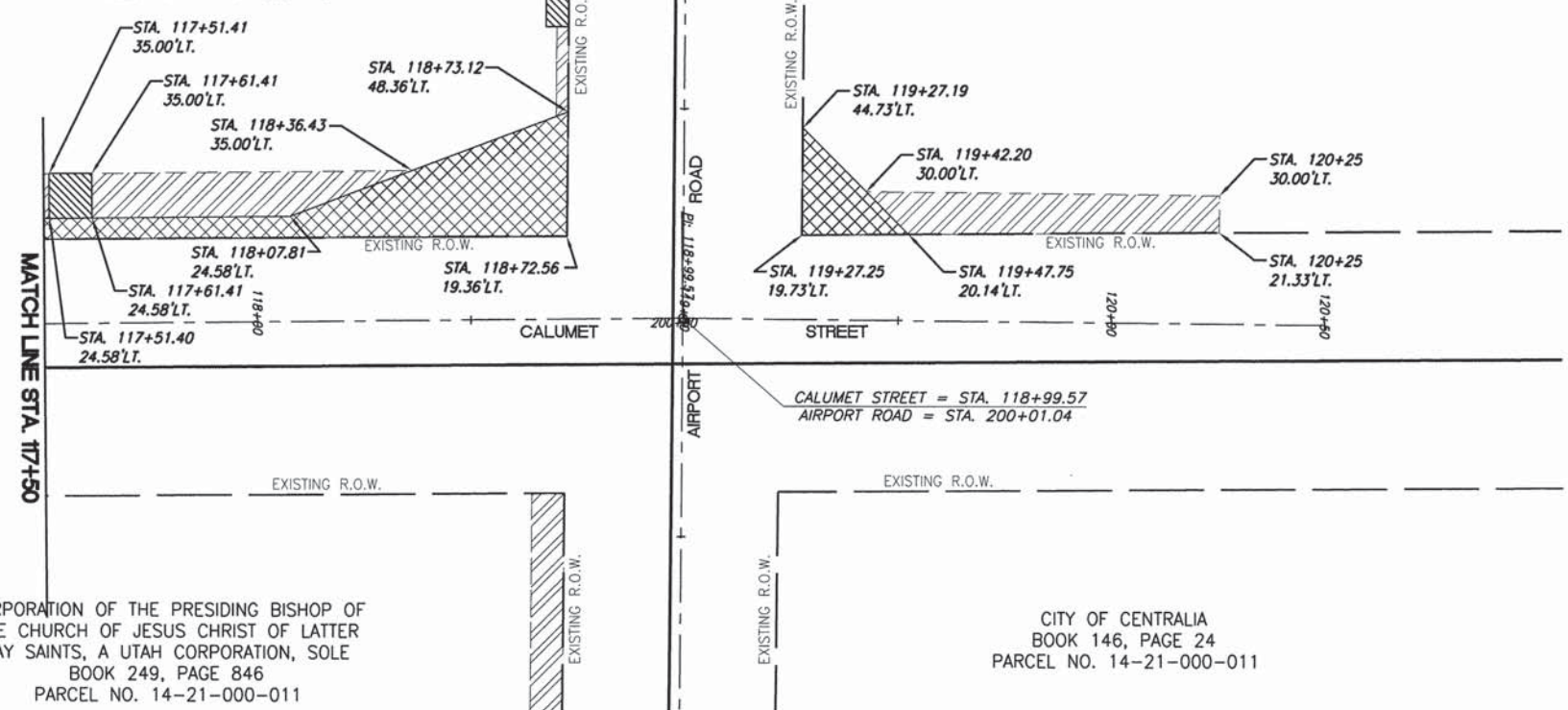


SCALE:
 PLAN: 1"=20'

LEGEND

- CENTERLINE OF SURVEY
- - - EXISTING R.O.W. LINE
- EXISTING PROPERTY LINE
- ▨ PROPOSED PERMANENT EASEMENT
- ▩ PROPOSED TEMPORARY EASEMENT
- ▧ PROPOSED R.O.W.

HICKORY STREET CHRISTIAN CHURCH
 NKA CALUMET STREET CHRISTIAN CHURCH
 BOOK 339, PAGE 317
 PARCEL NO. 14-16-000-101



SCALE:
 PLAN: 1"=20'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	81
FEDERAL AID PROJECT		CONTRACT 97522		

CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS, A UTAH CORPORATION, SOLE BOOK 249, PAGE 846 PARCEL NO. 14-21-000-011

HICKORY STREET CHRISTIAN CHURCH NKA CALUMET STREET CHRISTIAN CHURCH BOOK 339, PAGE 317 PARCEL NO. 14-16-000-101

CITY OF CENTRALIA BOOK 146, PAGE 24 PARCEL NO. 14-21-000-016

CREATIVE MATERIAL CONTROL, INC. BOOK 396, PAGE 272 PARCEL NO. 14-16-000-008

CENTRALIA INDUSTRIAL POWDER COAT, INC. DOC. # 2005R3092 PARCEL NO. 14-16-000-014

ROBERT FRAZIER AND MARY E. FRAZIER BOOK 257, PAGE 425 CONTEACT FOR DEED CALUMET STREET CHRISTINA CHURCH DOC. # 2001R0379 PARCEL NO. 14-16-000-099

JUDITH MARIE SOKNIEWICZ, JIM JEFFREY NAGEL AND GAIL LYNN SHIRAY DOC. # 2005R0152 PARCEL NO. 14-16-300-007

BRIAN L. HANCOCK AND CARRIE M. HANCOCK DOC. # 2008R6828 PARCEL NO. 14-16-301-015

FOWLER LEASING COMPANY, LLC DOC. # 2007R3554 PARCEL NO. 14-16-000-034

E. H. & K. OIL COMPANY BOOK 411, PAGE 122 PARCEL NO. 14-16-000-033

ORCHARDVILLE COMMUNITY CHURCH, A RELIGIOUS CORPORATION DOC. # 2007R5952 PARCEL NO. 14-16-401-002

LEGEND

- CENTERLINE OF SURVEY
- - - EXISTING R.O.W. LINE
- EXISTING PROPERTY LINE
- ▨ PROPOSED PERMANET EASEMENT
- ▧ PROPOSED TEMPORARY EASEMENT
- ▩ PROPOSED R.O.W.

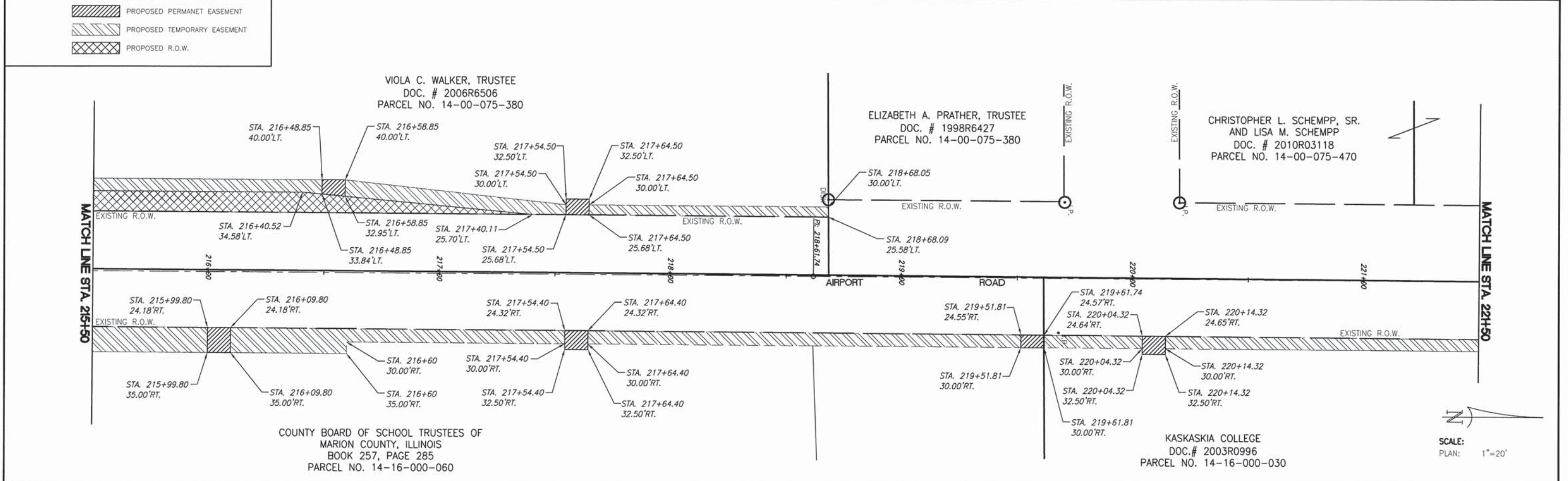
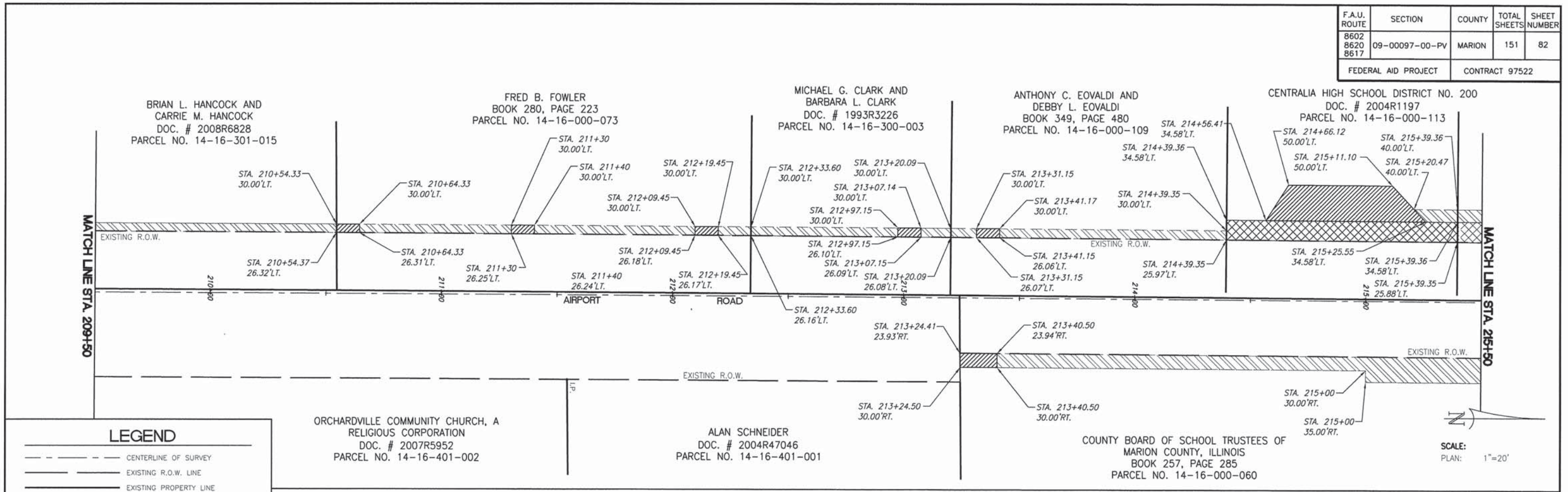


SCALE: PLAN: 1"=20'

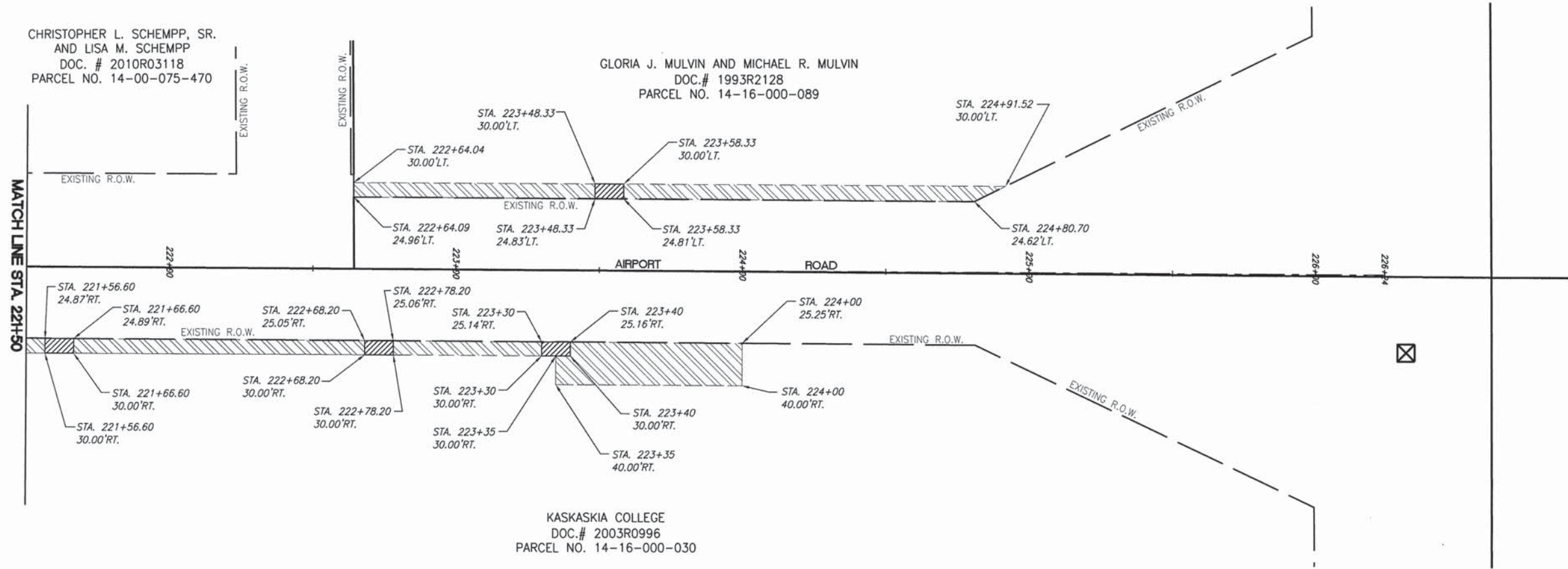


SCALE: PLAN: 1"=20'

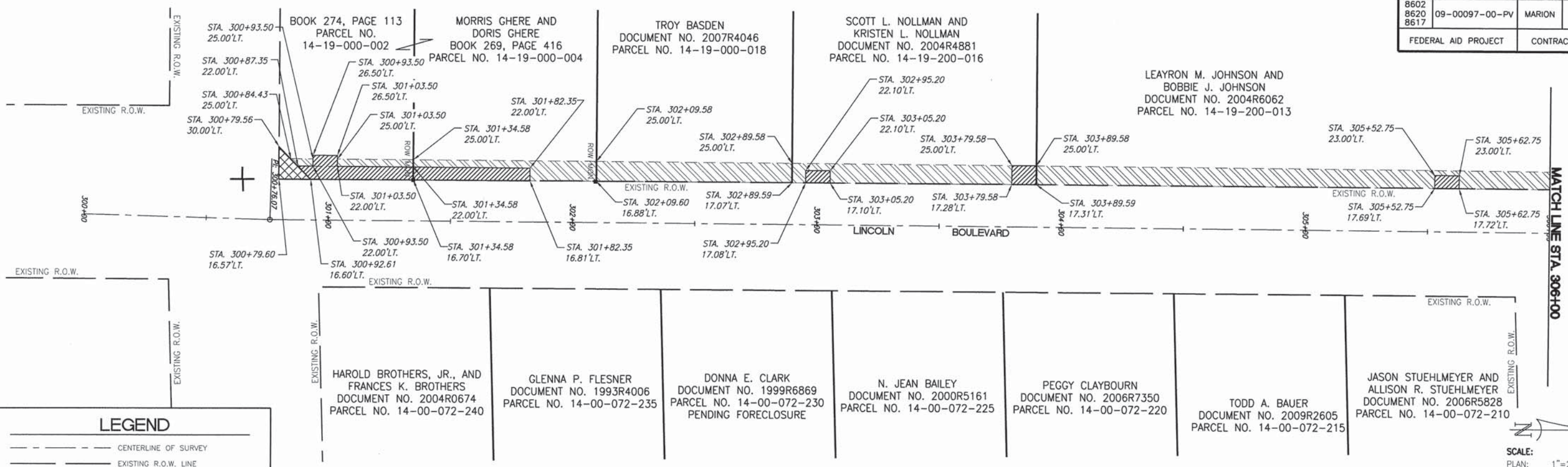
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	82
FEDERAL AID PROJECT		CONTRACT 97522		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	83
FEDERAL AID PROJECT		CONTRACT 97522		

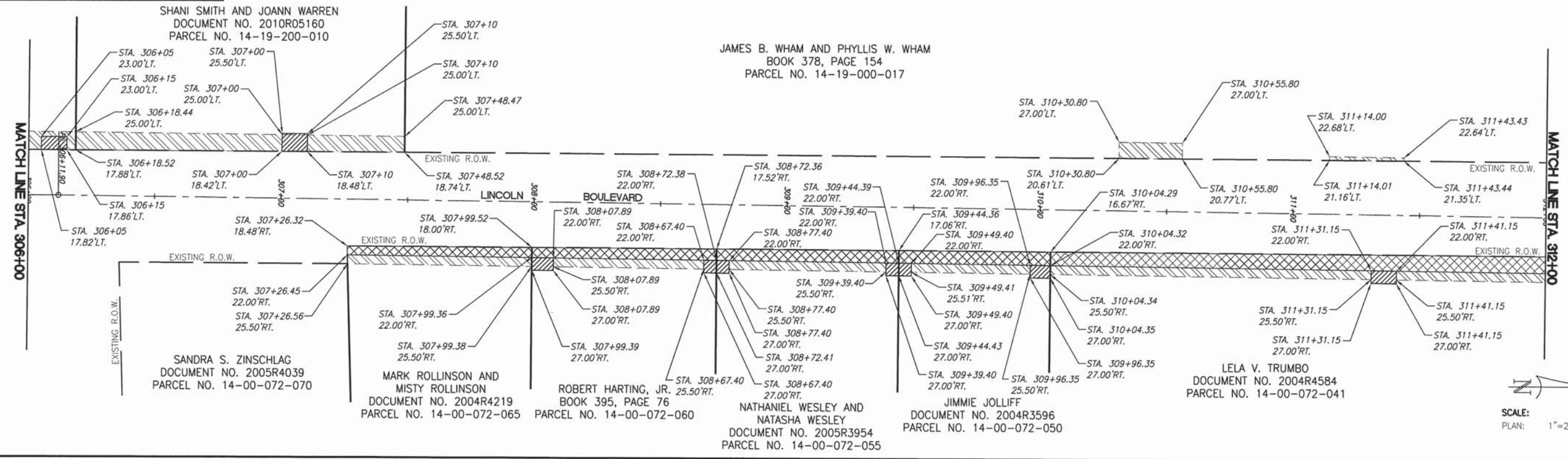
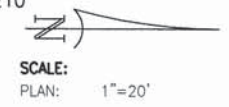


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	84
FEDERAL AID PROJECT		CONTRACT 97522		

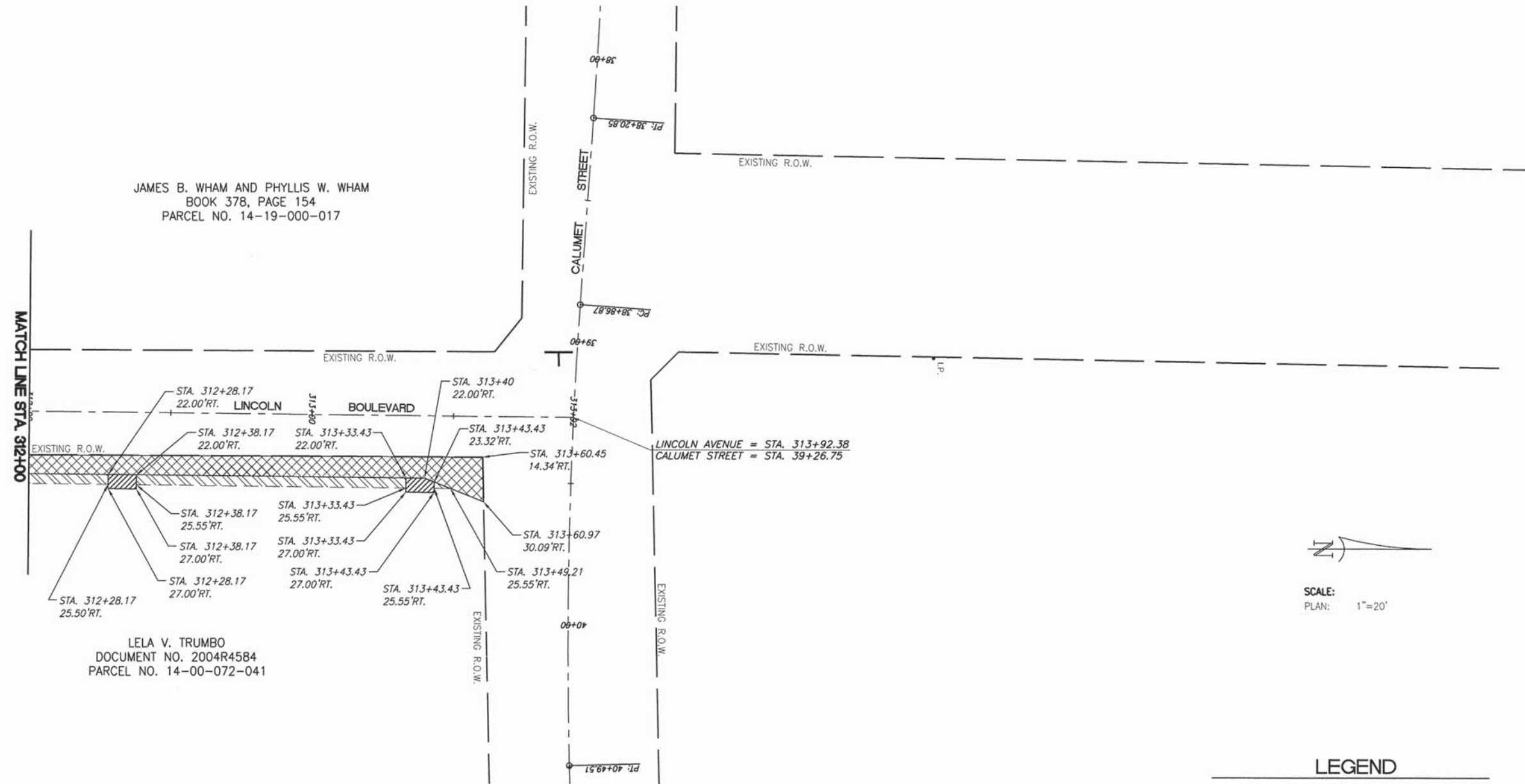


LEGEND

- CENTERLINE OF SURVEY
- - - EXISTING R.O.W. LINE
- EXISTING PROPERTY LINE
- ▨ PROPOSED PERMANENT EASEMENT
- ▩ PROPOSED TEMPORARY EASEMENT
- ▤ PROPOSED R.O.W.



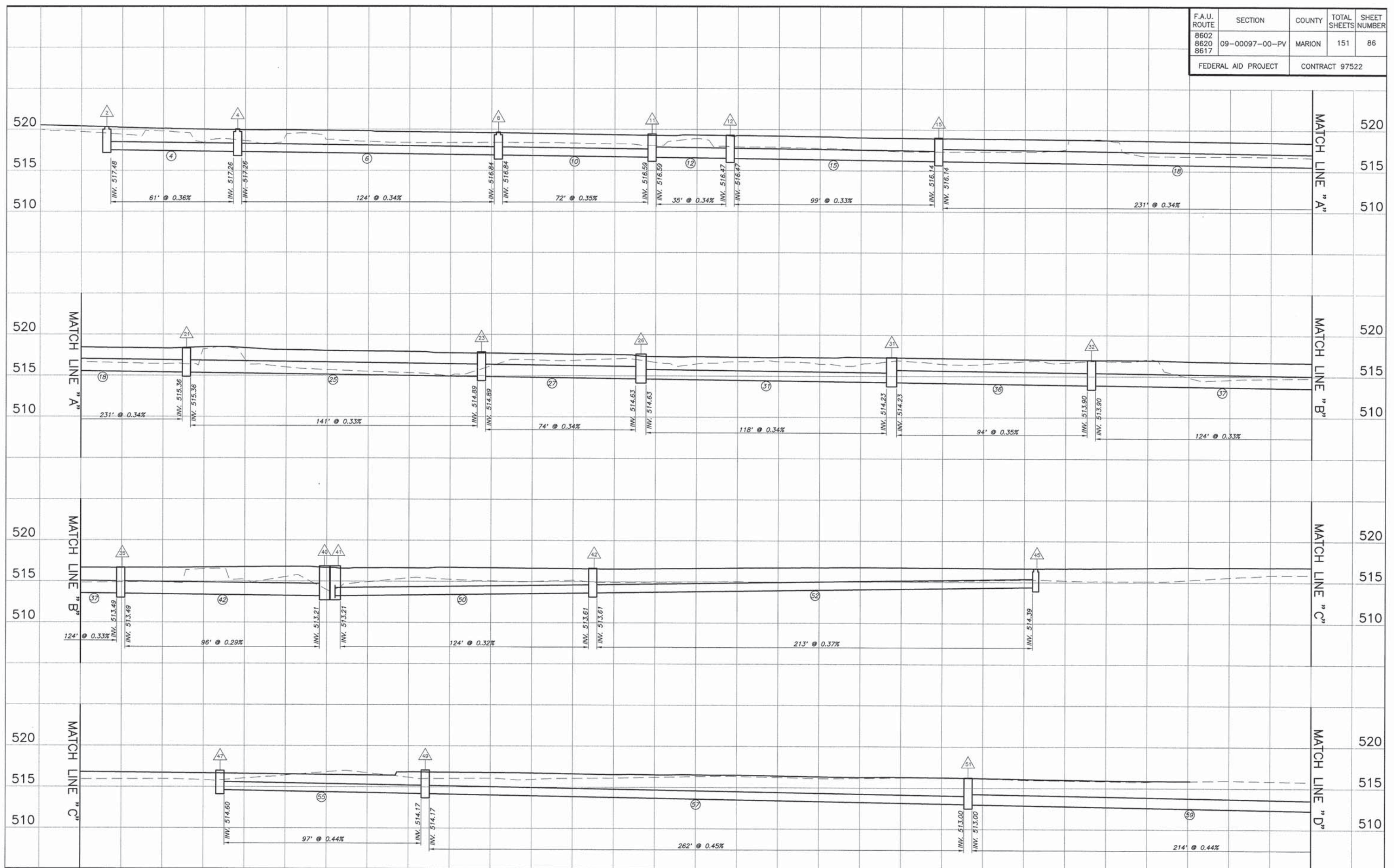
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	85
FEDERAL AID PROJECT		CONTRACT 97522		



LEGEND

---	CENTERLINE OF SURVEY
---	EXISTING R.O.W. LINE
---	EXISTING PROPERTY LINE
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED R.O.W.

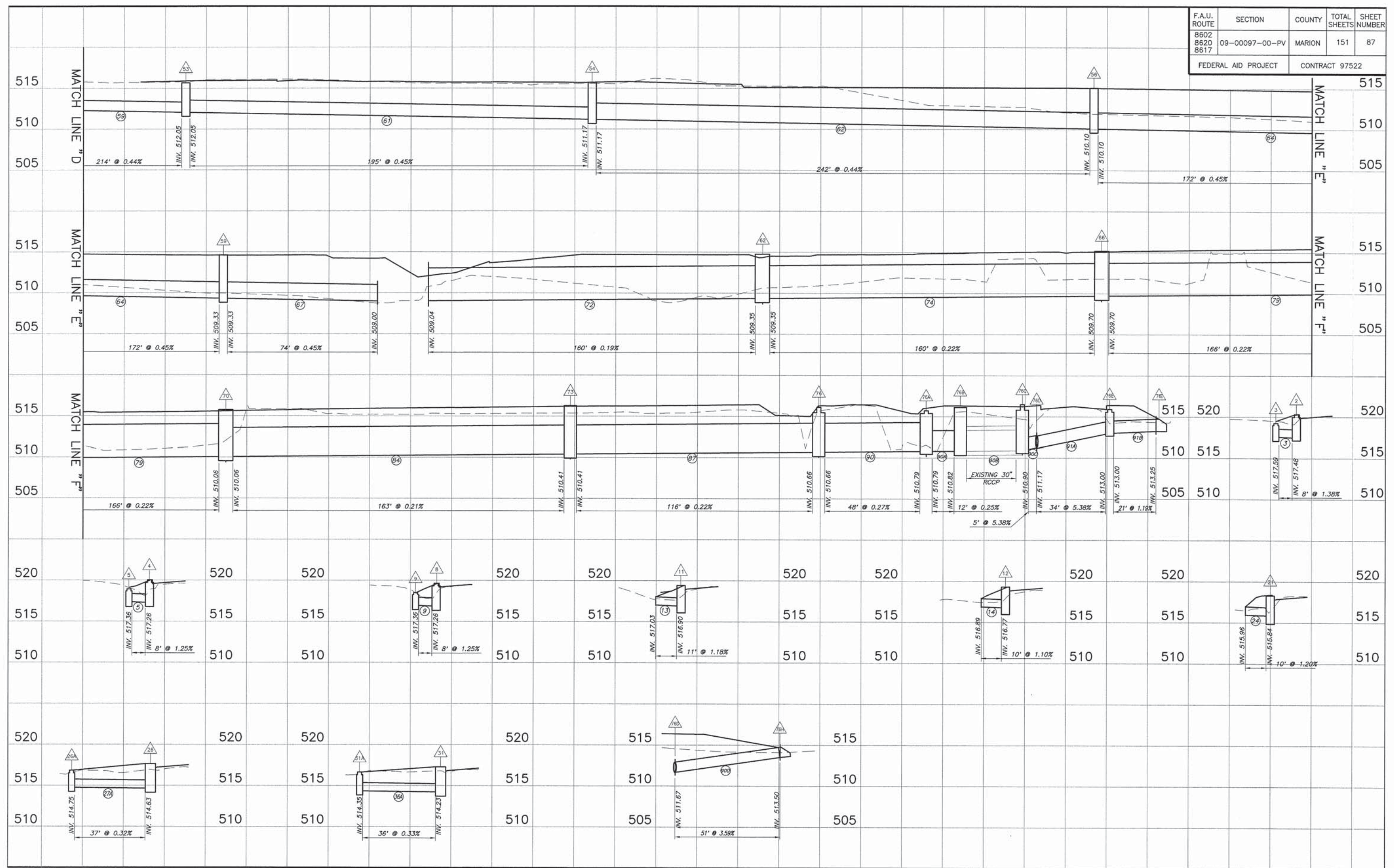
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	86
FEDERAL AID PROJECT			CONTRACT 97522	



STORM SEWER PROFILES CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

K:\1110 - Corvado - Calumet & Airport Rd\Proj\AS_S1\CDM_S\DWG_P\PROJES1.dwg, 9/12/2013 10:33:17 PM, dsh/ptf

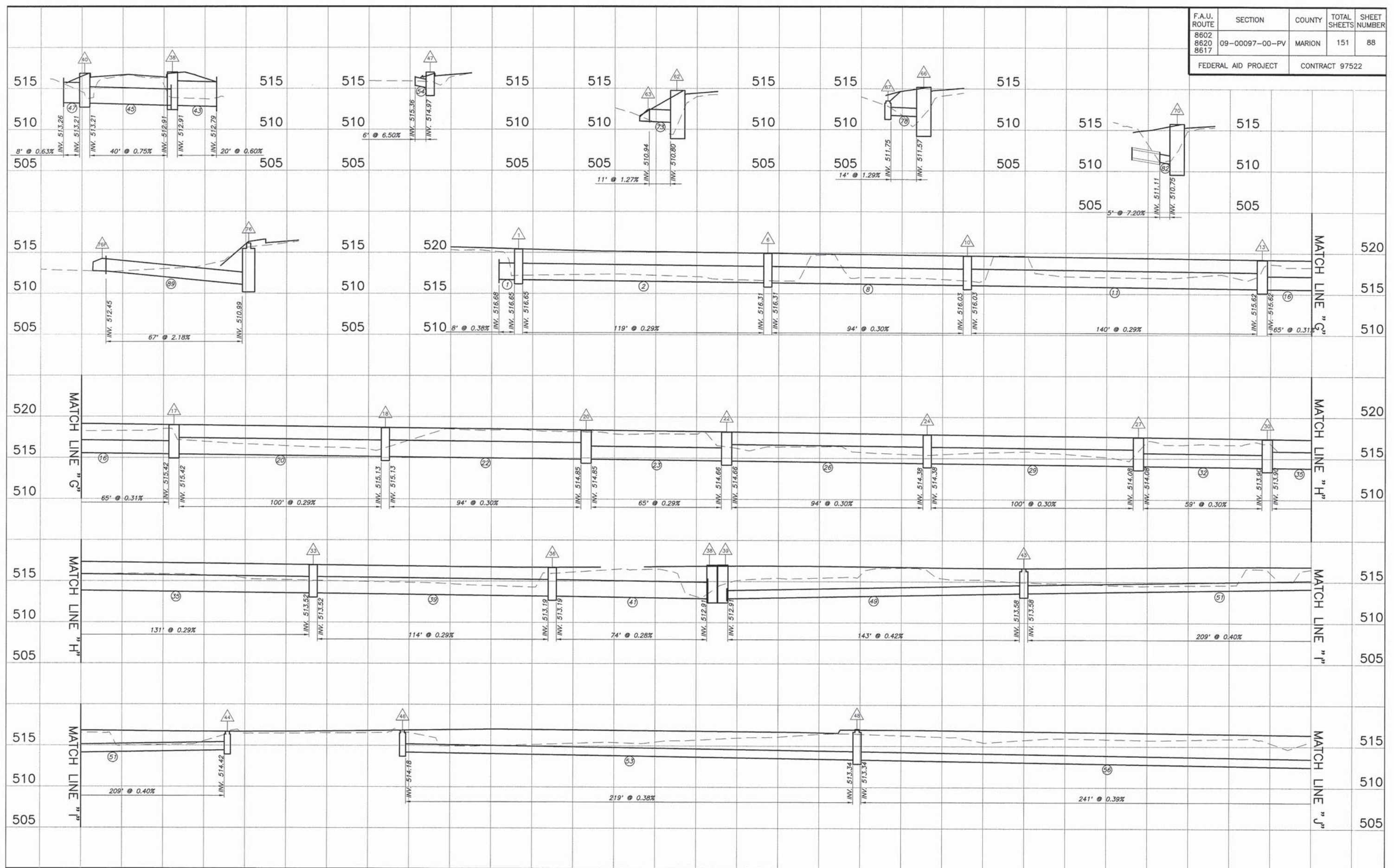
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	87
FEDERAL AID PROJECT			CONTRACT 97522	



STORM SEWER PROFILES CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

K:\MS10 - Central - Calumet & Airport Road\MS10_PV\STORM_SEWER_PROFILES.dwg, 9/13/2013 10:07 PM, dwp

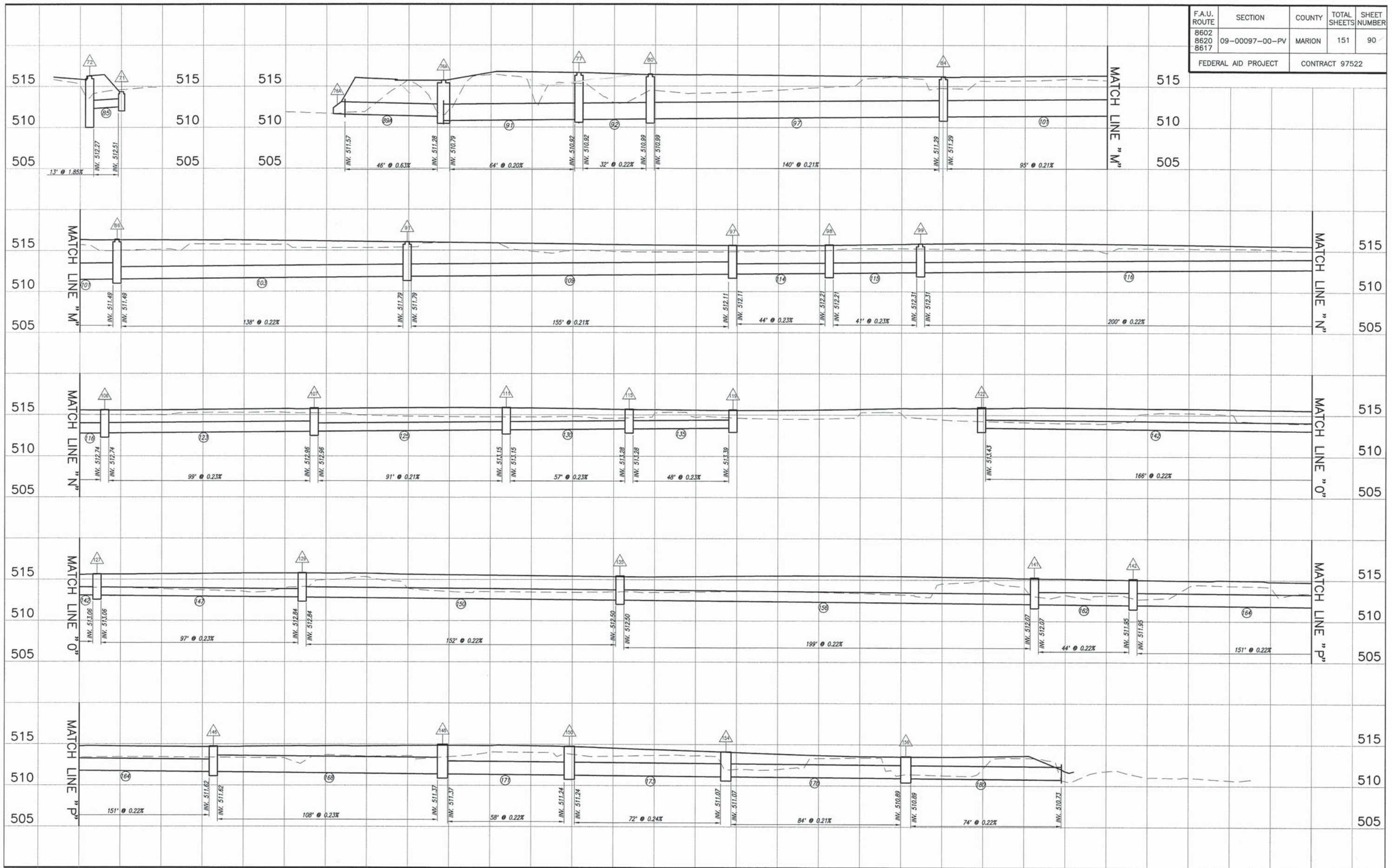
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	88
FEDERAL AID PROJECT		CONTRACT 97522		



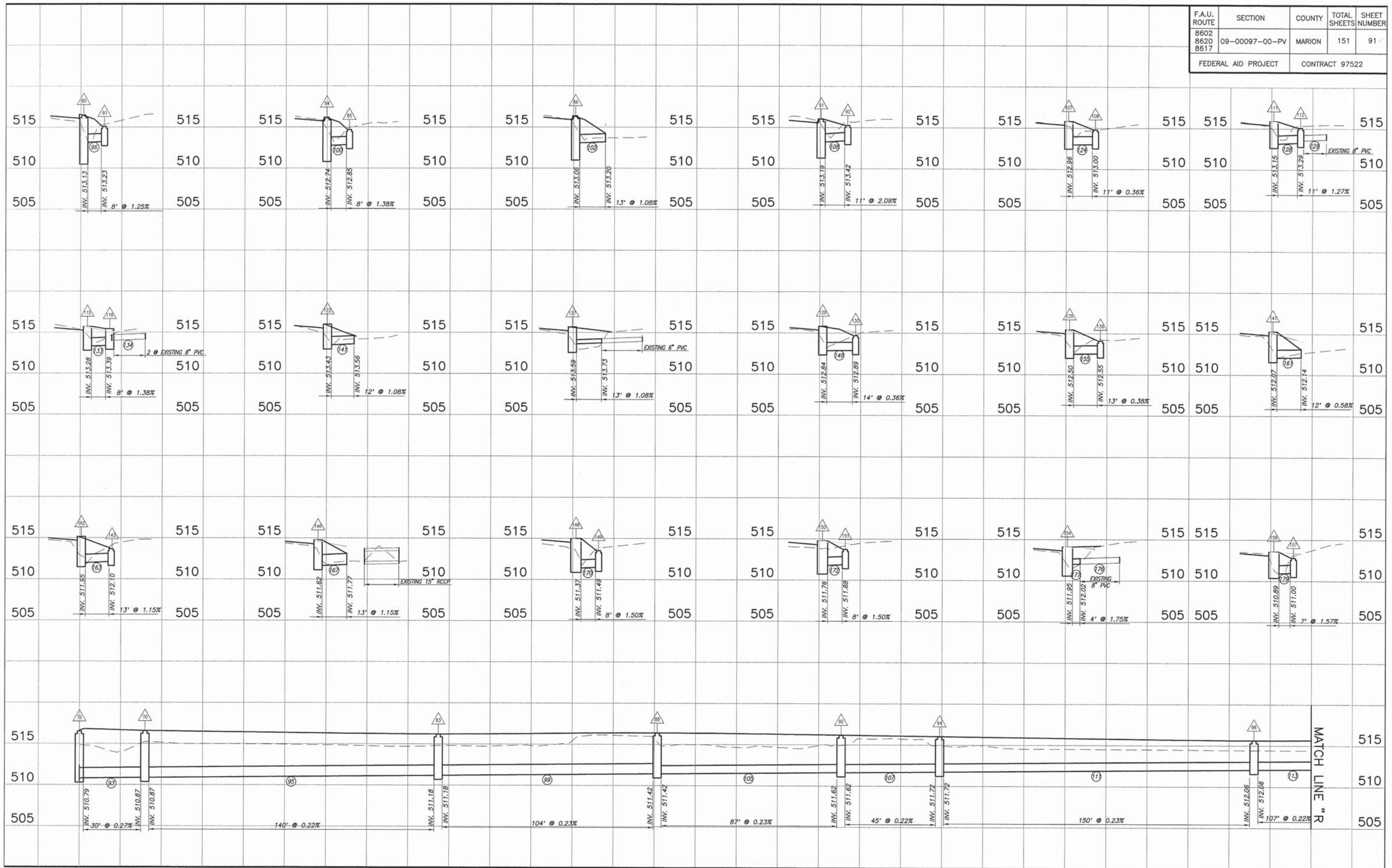
STORM SEWER PROFILES CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

K:\8610 - Calumet & Airport Road Improvements\8610_SITING\8610_SITING.dwg, 9/1/2011 11:09:51 AM, deshp

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	90
FEDERAL AID PROJECT		CONTRACT 97522		

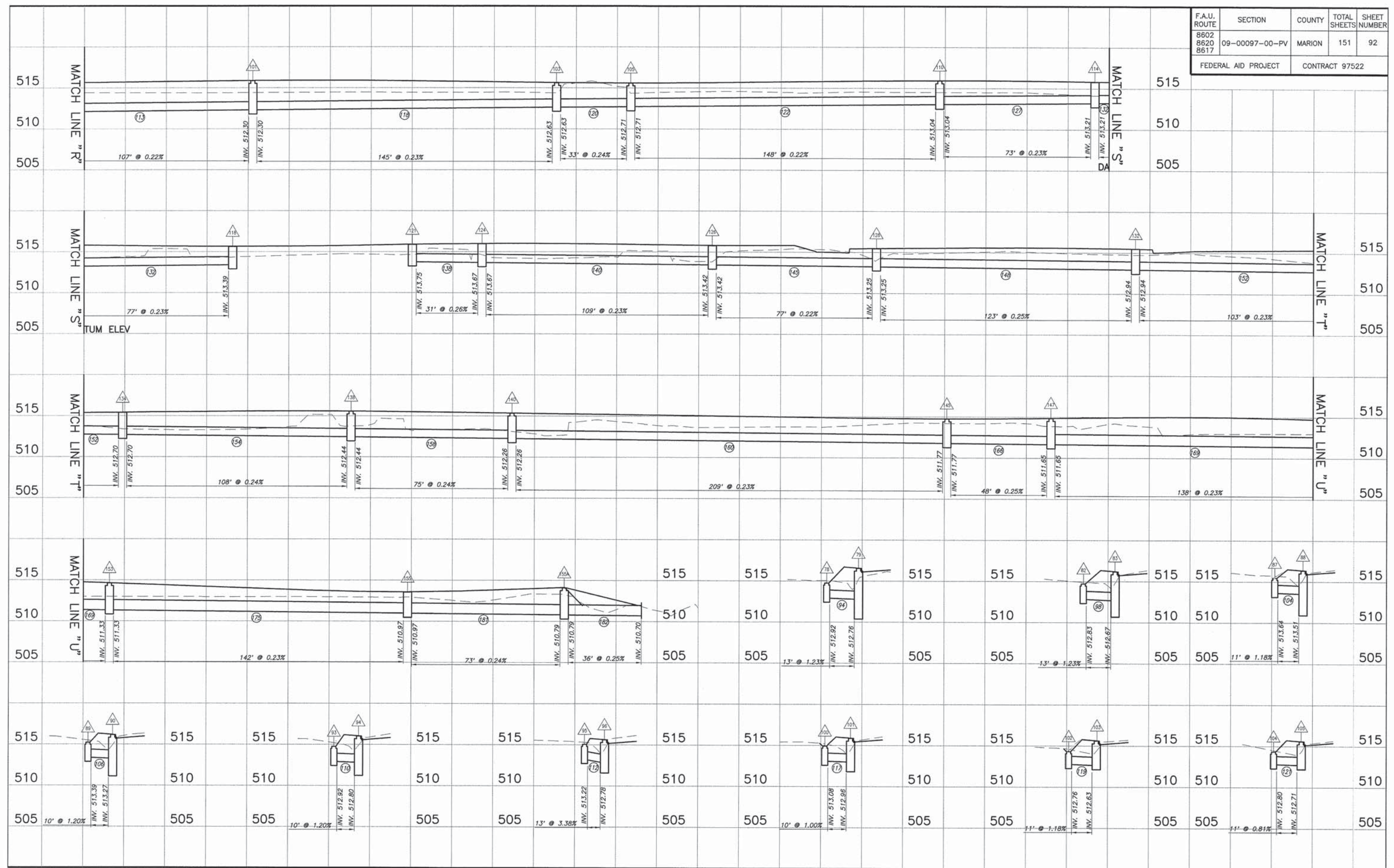


F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	91
FEDERAL AID PROJECT		CONTRACT 97522		



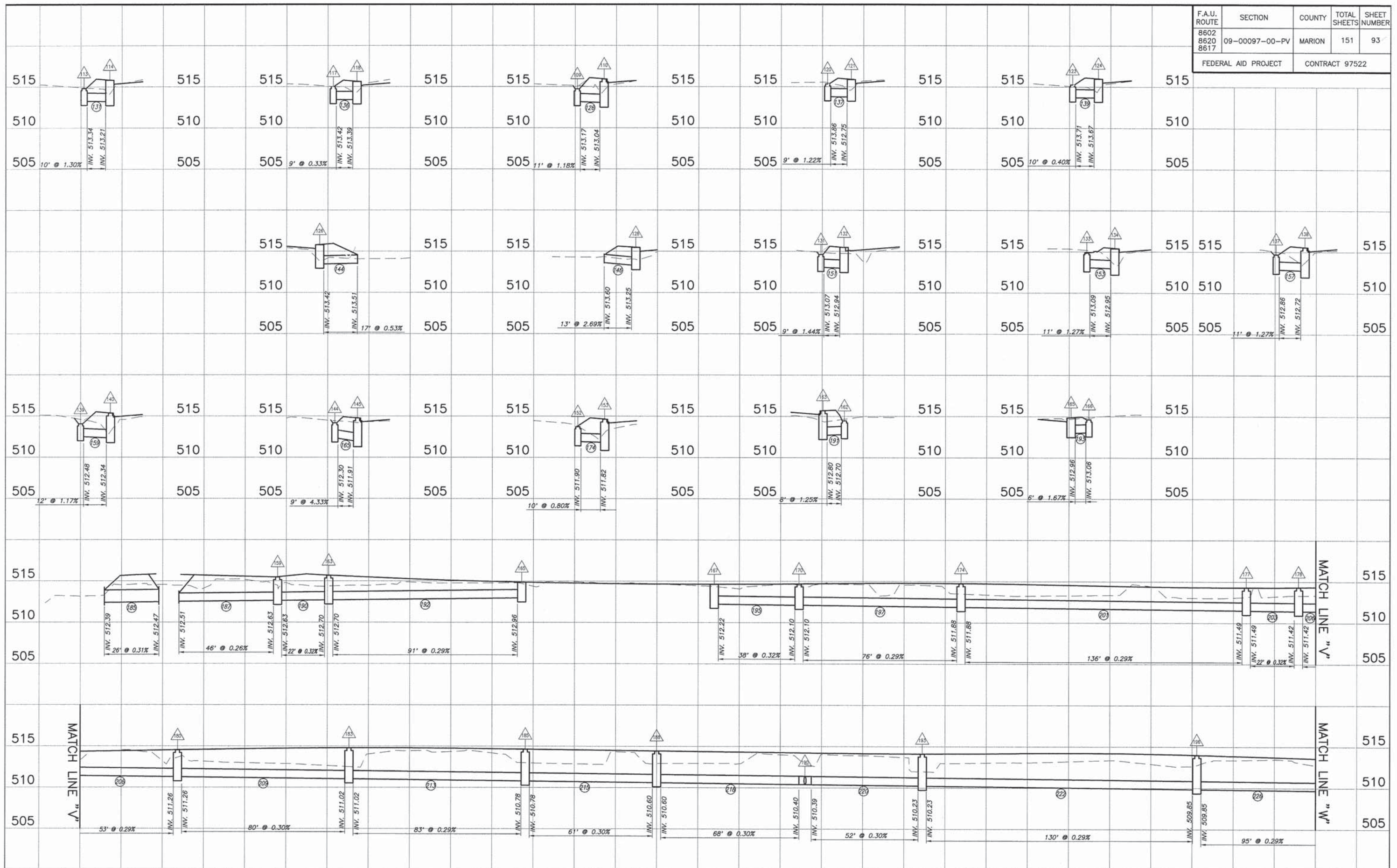
STORM SEWER PROFILES CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	92
FEDERAL AID PROJECT		CONTRACT 97522		



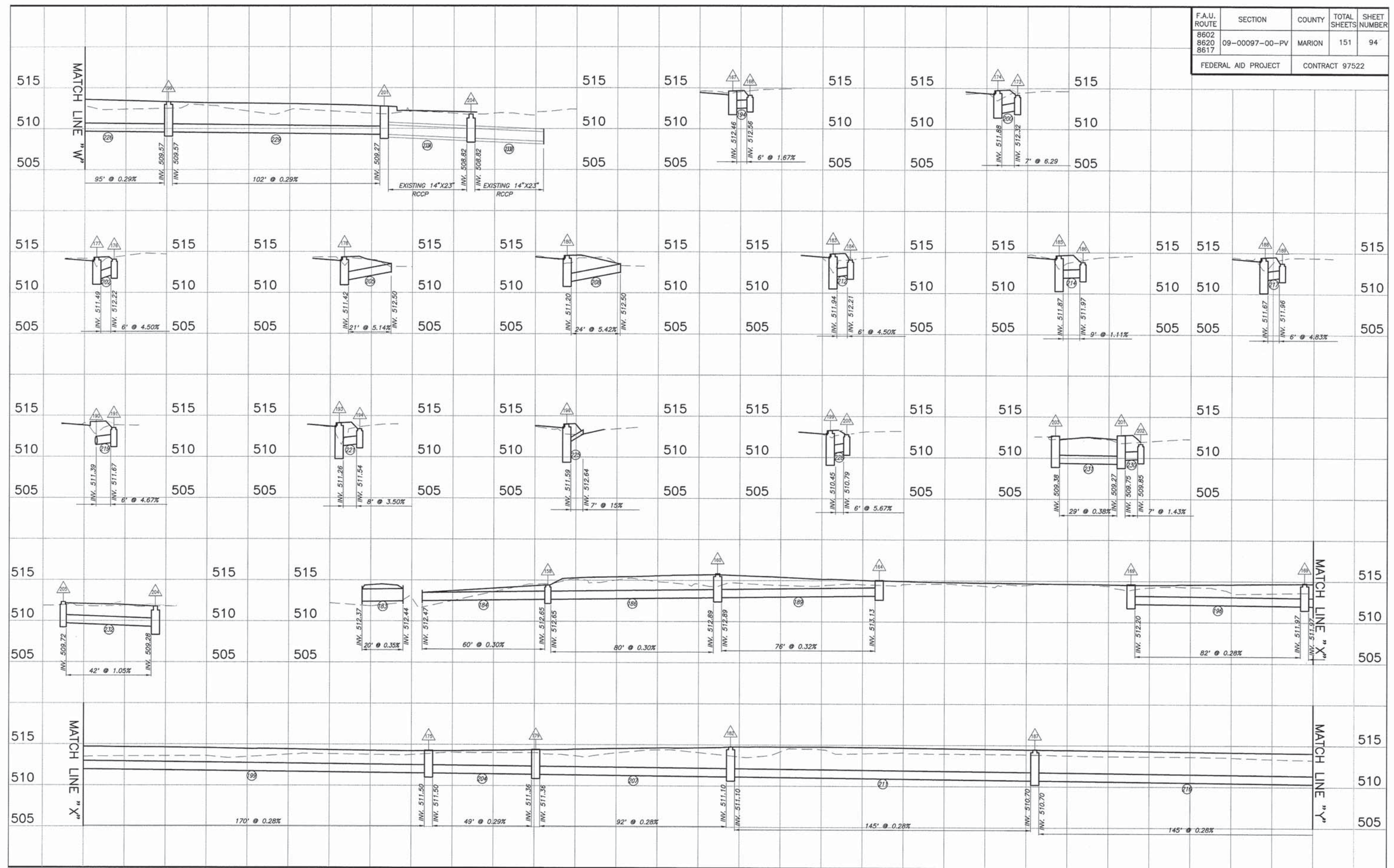
STORM SEWER PROFILES CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	93
FEDERAL AID PROJECT		CONTRACT 97522		

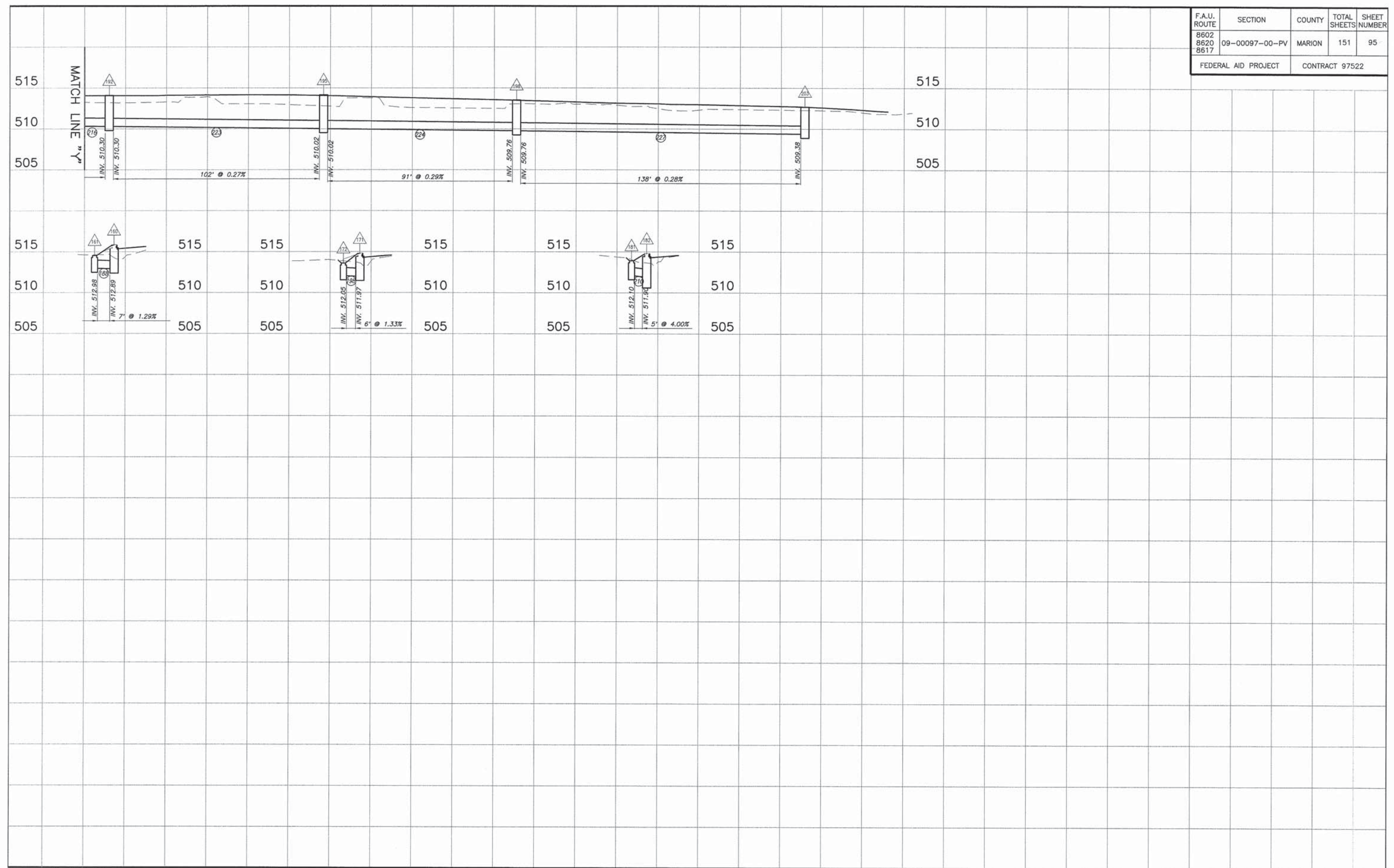


STORM SEWER PROFILES CALUMET & AIRPORT ROAD IMPROVEMENTS
SECTION 09-00097-00-PV MARION COUNTY, ILLINOIS

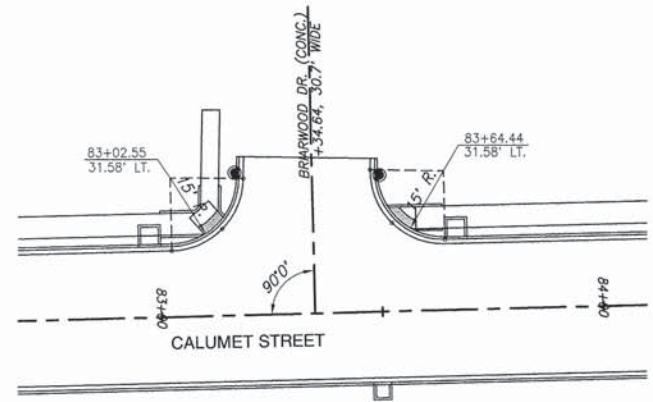
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	94
FEDERAL AID PROJECT		CONTRACT 97522		



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	95
FEDERAL AID PROJECT		CONTRACT 97522		



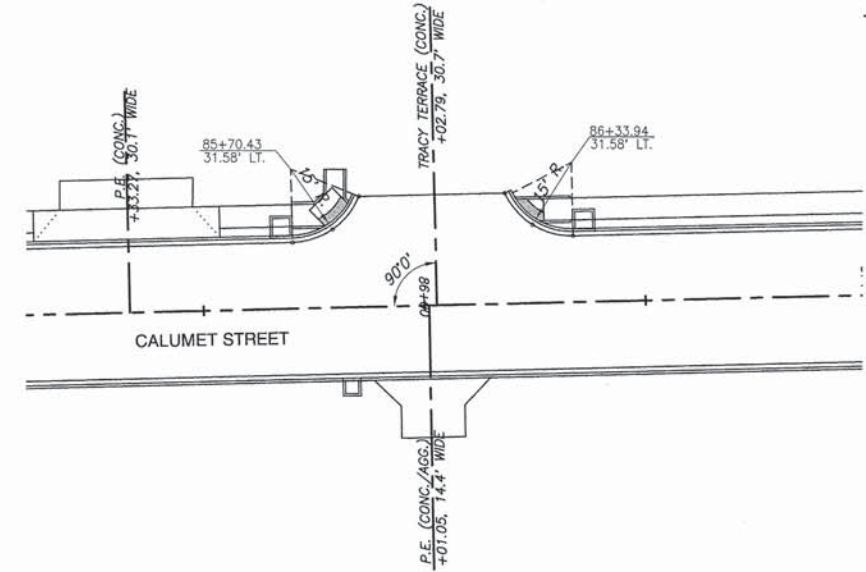
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	96
FEDERAL AID PROJECT		CONTRACT 97522		



STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
83+02.55	15.00' LT.	518.72	0.0
83+14.08	19.66' LT.	518.46	12.75
83+34.64	31.02' LT.	518.20	25.49

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
83+02.55	32.21' LT.	518.18	0.0
83+14.08	20.08' LT.	518.36	13.34
83+34.64	15.00' LT.	518.53	26.68

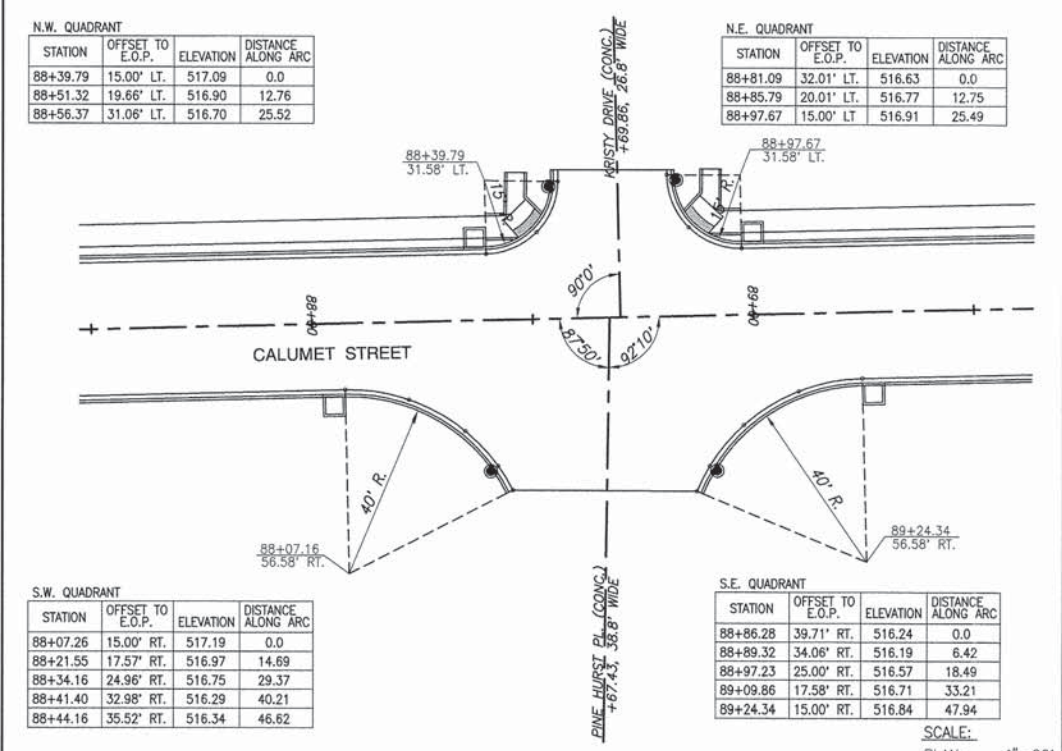
SCALE: 1"=20'



STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC	GUTTER PAN* SLOPE
85+70.43	15.00' LT.	517.89	0.0	12%
85+79.57	17.75' LT.	517.89	9.69	6%
85+85.68	25.09' LT.	517.89	19.38	2%

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
86+18.70	32.21' LT.	517.94	0.0
86+24.81	20.08' LT.	517.82	9.66
86+33.93	15.00' LT.	517.69	19.31

SCALE: 1"=20'



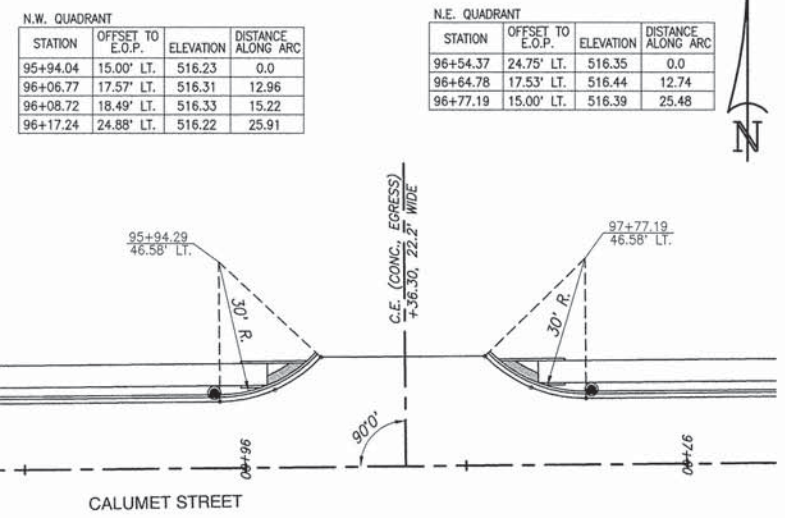
STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
88+39.79	15.00' LT.	517.09	0.0
88+51.32	19.66' LT.	516.90	12.76
88+56.37	31.06' LT.	516.70	25.52

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
88+81.09	32.01' LT.	516.63	0.0
88+85.79	20.01' LT.	516.77	12.75
88+97.67	15.00' LT.	516.91	25.49

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
88+07.26	15.00' RT.	517.19	0.0
88+21.55	17.57' RT.	516.97	14.69
88+34.16	24.96' RT.	516.75	29.37
88+41.40	32.98' RT.	516.29	40.21
88+44.16	35.52' RT.	516.34	46.62

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
88+86.28	39.71' RT.	516.24	0.0
88+89.32	34.06' RT.	516.19	6.42
88+97.23	25.00' RT.	516.57	18.49
89+09.86	17.58' RT.	516.71	33.21
89+24.34	15.00' RT.	516.84	47.94

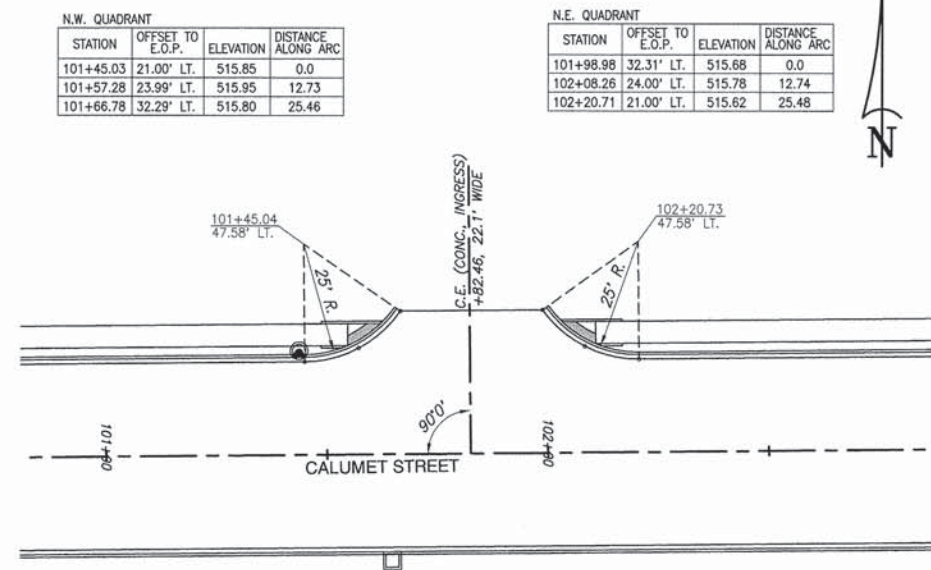
SCALE: 1"=20'



STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
95+94.04	15.00' LT.	516.23	0.0
96+06.77	17.57' LT.	516.31	12.96
96+08.72	18.49' LT.	516.33	15.22
96+17.24	24.88' LT.	516.22	25.91

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
96+54.37	24.75' LT.	516.35	0.0
96+64.78	17.53' LT.	516.44	12.74
96+77.19	15.00' LT.	516.39	25.48

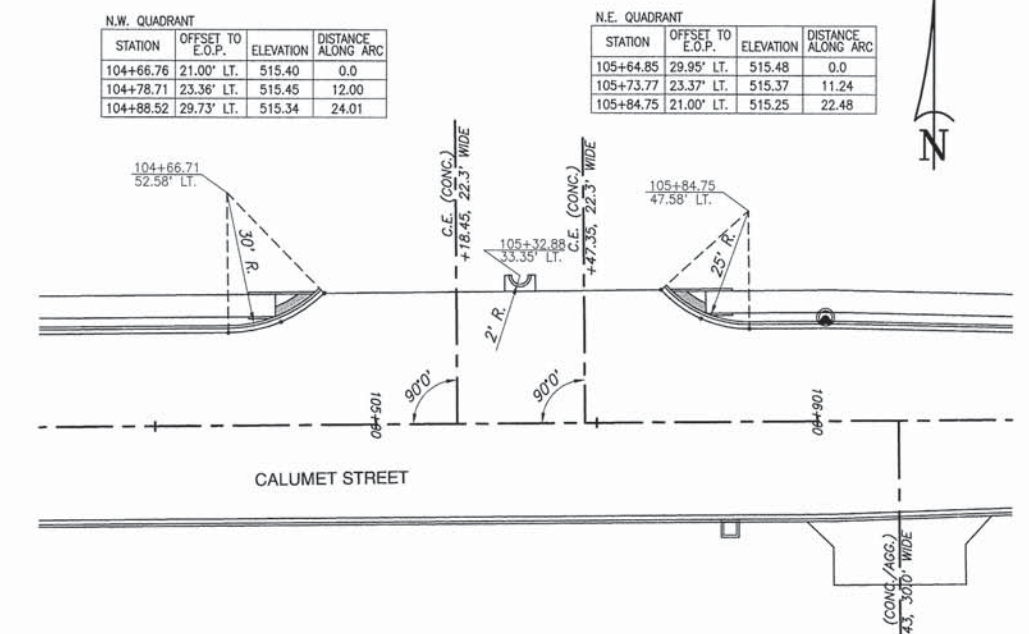
SCALE: 1"=20'



STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
101+45.03	21.00' LT.	515.85	0.0
101+57.28	23.99' LT.	515.95	12.73
101+66.78	32.29' LT.	515.80	25.46

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
101+98.98	32.31' LT.	515.68	0.0
102+08.26	24.00' LT.	515.78	12.74
102+20.71	21.00' LT.	515.62	25.48

SCALE: 1"=20'



STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
104+66.76	21.00' LT.	515.40	0.0
104+78.71	23.36' LT.	515.45	12.00
104+88.52	29.73' LT.	515.34	24.01

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
105+64.85	29.95' LT.	515.48	0.0
105+73.77	23.37' LT.	515.37	11.24
105+84.75	21.00' LT.	515.25	22.48

SCALE: 1"=20'

K:\1180 - Corvado - Calumet St & Airport Rd\Drawings\INTERSECTION\DETAILS\09-00097-00-PV.dwg, 9/11/2013 14:30:00, dwp09

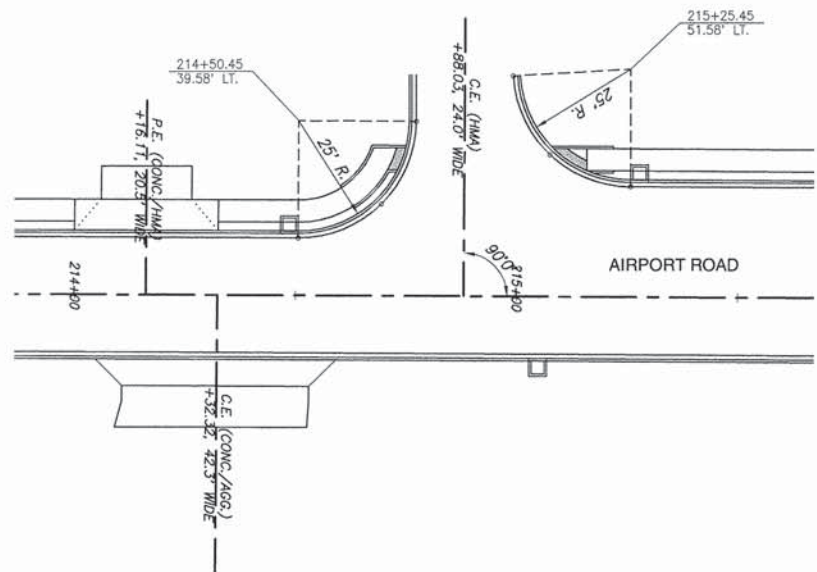
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	98
FEDERAL AID PROJECT		CONTRACT 97522		

N.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
214+50.45	13.00' LT.	515.31	0.0
214+69.24	20.79' LT.	518.40	20.88
214+77.03	39.58' LT.	515.48	41.75

N.E. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
214+98.93	49.90' LT.	515.65	0.0
215+07.32	32.15' LT.	515.33	20.12
215+25.61	25.00' LT.	515.01	40.23

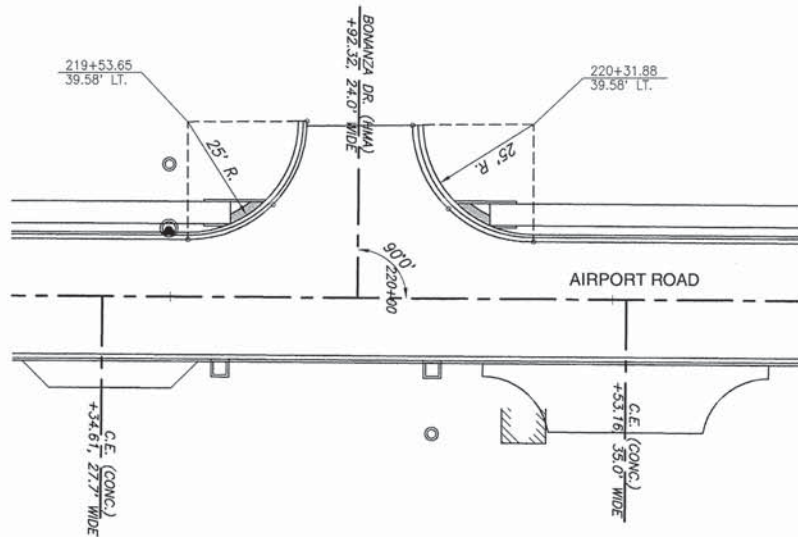


N.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
219+53.79	13.00' LT.	514.87	0.0
219+73.05	21.00' LT.	514.58	21.15
219+80.58	39.88' LT.	514.29	42.30

N.E. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
220+04.46	39.14' LT.	514.62	0.0
220+12.70	20.31' LT.	514.36	21.16
220+32.02	13.00' LT.	514.10	42.33

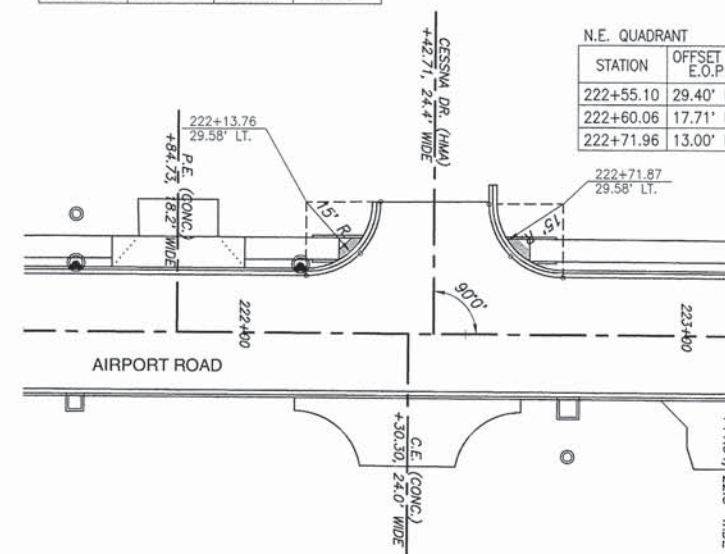


N.W. QUADRANT

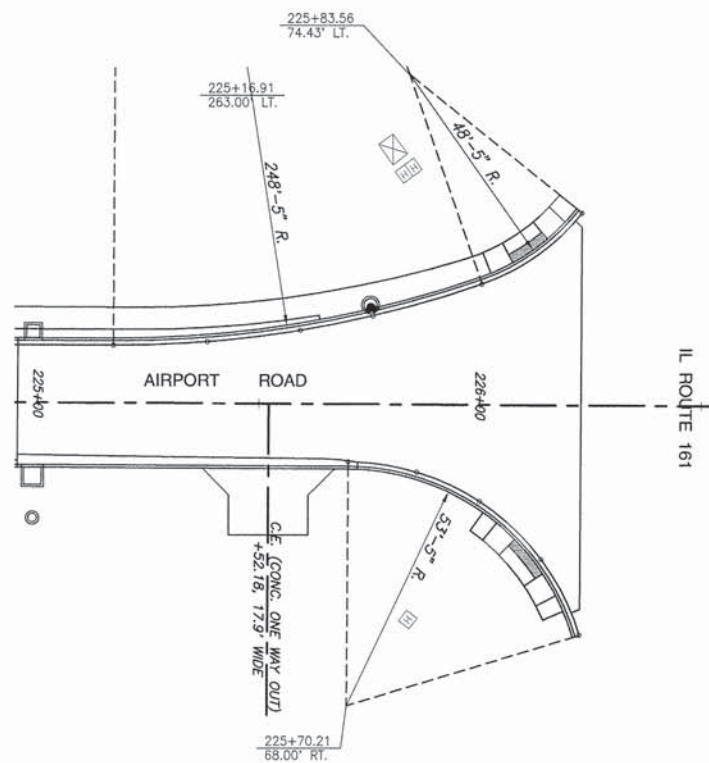
STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
222+13.76	13.00' LT.	514.34	0.0
222+26.03	18.08' LT.	514.09	13.29
222+30.57	29.81' LT.	513.79	26.58

N.E. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
222+55.10	29.40' LT.	514.64	0.0
222+60.06	17.71' LT.	514.59	13.14
222+71.96	13.00' LT.	514.54	26.28



SCALE:
PLAN: 1"=20'



S.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
225+16.91	13.00' LT.	513.25	0.0
225+38.12	13.90' LT.	513.40	21.23
225+59.17	16.60' LT.	513.48	42.47
225+75.59	19.98' LT.	513.64	59.23
226+00.00	27.29' LT.	513.80	84.93
226+22.77	39.58' LT.	514.05	112.32

S.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
225+70.21	13.00' RT.	513.67	0.0
225+87.41	15.76' RT.	513.76	15.74
226+02.93	23.79' RT.	513.84	31.48
226+15.07	36.18' RT.	513.95	50.72
226+22.77	51.80' RT.	514.06	69.96

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	99
FEDERAL AID PROJECT		CONTRACT 97522		

N.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
300+09.67	9.66' LT.	515.05	N/A
300+17.05	9.66' LT.	515.09	0.0
300+34.64	18.29' LT.	514.77	20.05
300+41.59	36.57' LT.	514.45	40.10
300+41.55	39.64' LT.	514.43	N/A

N.E. QUADRANT

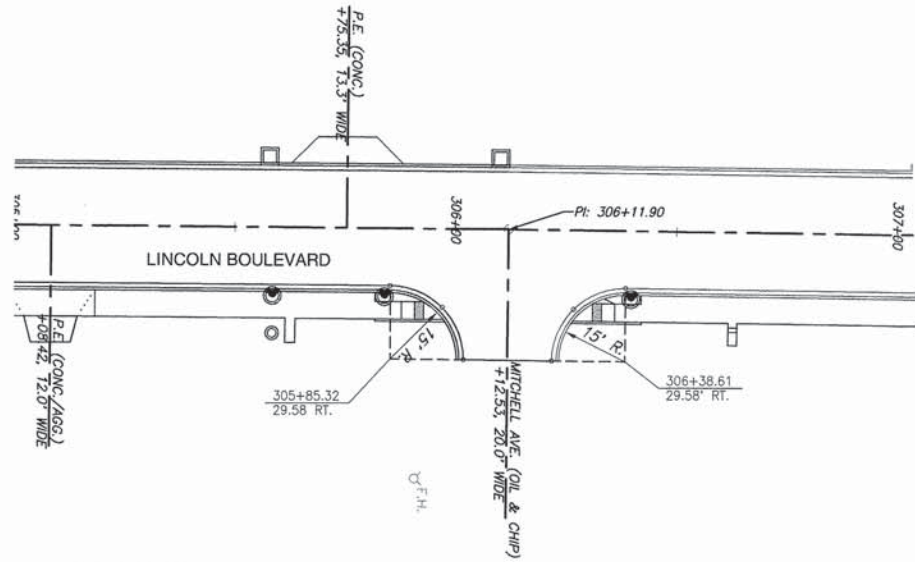
STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
300+69.68	39.84' LT.	514.47	0.0
300+78.26	20.94' LT.	514.92	21.09
300+97.20	13.00' LT.	515.36	42.17

S.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
300+33.63	6.85' RT.	515.31	N/A
300+37.07	6.78' RT.	515.38	0.0
300+54.63	12.99' RT.	515.46	19.03
300+63.80	29.20' RT.	515.24	38.06
300+65.16	37.80' RT.	515.20	N/A

S.E. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
300+86.81	37.20' RT.	514.96	0.0
300+95.30	20.01' RT.	515.10	19.77
301+13.29	13.00' RT.	515.23	39.53



S.W. QUADRANT

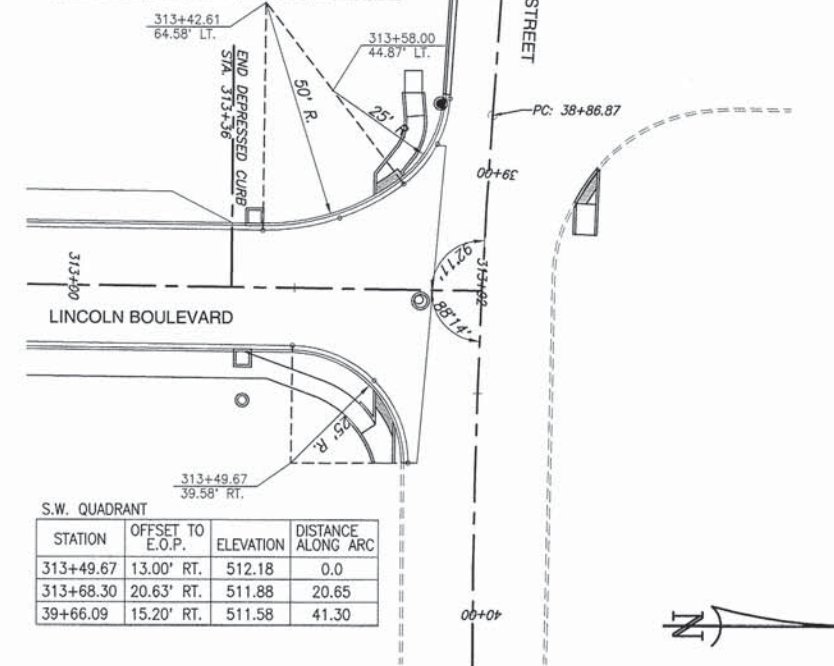
STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
305+85.32	13.00' RT.	513.86	0.0
305+97.00	17.80' RT.	514.05	13.08
306+01.90	29.58' RT.	514.24	26.17

S.E. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
306+22.03	29.65' RT.	514.38	0.0
306+26.83	17.90' RT.	514.22	13.02
306+38.54	13.00' LT.	514.06	26.04

N.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
313+42.61	15.00' LT.	512.25	0.0
313+60.00	16.00' LT.	512.08	17.10
313+74.36	23.93' LT.	511.92	34.20
38+94.28	12.03' RT.	511.81	45.53
38+83.87	9.89' RT.	511.86	56.87



S.W. QUADRANT

STATION	OFFSET TO E.O.P.	ELEVATION	DISTANCE ALONG ARC
313+49.67	13.00' RT.	512.18	0.0
313+68.30	20.63' RT.	511.88	20.65
39+66.09	15.20' RT.	511.58	41.30

SCALE:
PLAN: 1"=20'

EXISTING STRUCTURE: THE EXISTING STRUCTURE CONSISTS OF A 78"X48" CMP THE EXISTING STRUCTURE SHALL BE REMOVED AND REPLACED WITH A PRECAST SINGLE BARREL 7'X4' BOX CULVERT UTILIZING TOTAL ROAD CLOSURE.

GENERAL NOTES

THIS BOX CULVERT HAS A MAXIMUM FILL HEIGHT OF LESS THAN 2'. PRECAST CONCRETE BOX CULVERT SECTIONS AND PRECAST END SECTIONS SHALL BE ACCORDING TO ASTM C 1577, EXCEPT THAT THE AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1003.02 AND 1004.02 OF THE STANDARD SPECIFICATIONS WITH EXCEPTION OF "GRADATION."

REMOVAL AND DISPOSAL OF ALL MATERIALS REQUIRED TO PROVIDE NEW STREAM ALIGNMENT PRIOR TO FINAL SHAPING AND EXCAVATION FOR THE STRUCTURE SHALL BE PAID FOR AS STRUCTURE EXCAVATION.

ALL MATERIAL EXCAVATED FROM THE EXISTING WATERWAY SHALL BE TRANSPORTED TO A LOCATION PROVIDED BY THE CONTRACTOR.

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

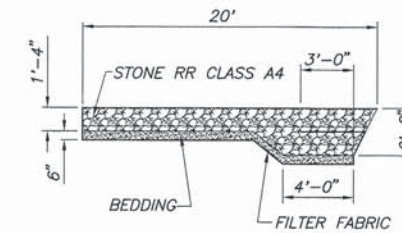
THE CAST-IN-PLACE TOEWALL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR "BOX CULVERTS END SECTION". APPROXIMATELY 0.9 CU. YD. OF CONCRETE WILL BE NEEDED PER TOE WALL.

WATER INFORMATION TABLE

DRAINAGE AREA = 324.5 AC = 0.51 SQ. MI.		EXISTING LOW GRADE ELEVATION = 513.93 FT. @ STA. 110+39.7		PROPOSED LOW GRADE ELEVATION = 543.35 FT. @ STA. 110+00.00						
FLOOD YEAR	FREQUENCY	DISCHARGE (CFS)		WATERWAY OPENING (SQ. FT.)		NATURAL H.W.E.	HEAD (FT.)		HEADWATER ELEV.	
DESIGN	50	EXISTING	PROPOSED	EXISTING	PROPOSED		EXISTING	PROPOSED	EXISTING	PROPOSED
BASE	100	144.9	169.6	20.5	28.0				513.79	513.51
		176.5	200.8	20.5	28.0				513.76	514.06

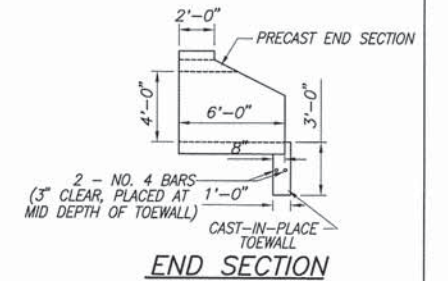
BILL OF MATERIAL

ITEM	UNIT	TOTAL
STRUCTURE EXCAVATION	CU. YD.	171
BOX CULVERT END SECTIONS	EACH	2
PRECAST CONCRETE BOX CULVERT 7'X4'	FOOT	66
POROUS GRANULAR EMBANKMENT	CU. YD.	15
STONE RIPRAP CLASS A4	SQ. YD.	96
FILTER FABRIC FOR USE WITH RIPRAP	SQ. YD.	96



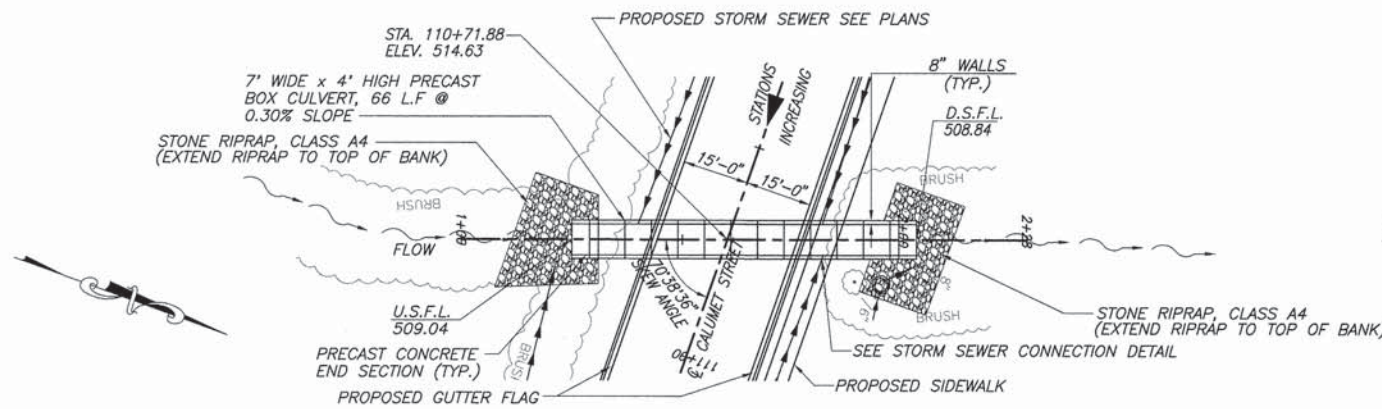
SECTION A-A'

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
8602 8620 8617	09-00097-00-PV	MARION	151	100
FEDERAL AID PROJECT			CONTRACT 97522	



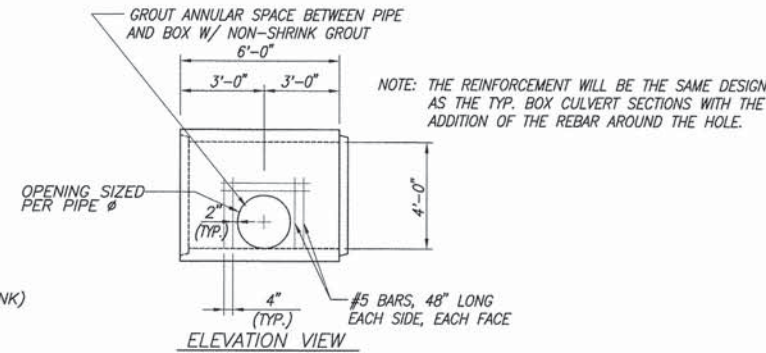
PRECAST BOX CULVERT SCHEDULE

STATION	SIZE (SPAN X HEIGHT)	SKEW	DESIGN FILL (FT.)		POROUS GRANULAR BACKFILL
			MINIMUM	MAXIMUM	
110+71.88	7'X4'	70°38'36"	8"	1'-5"	15 C.Y.



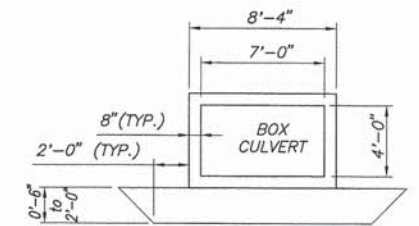
PLAN

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



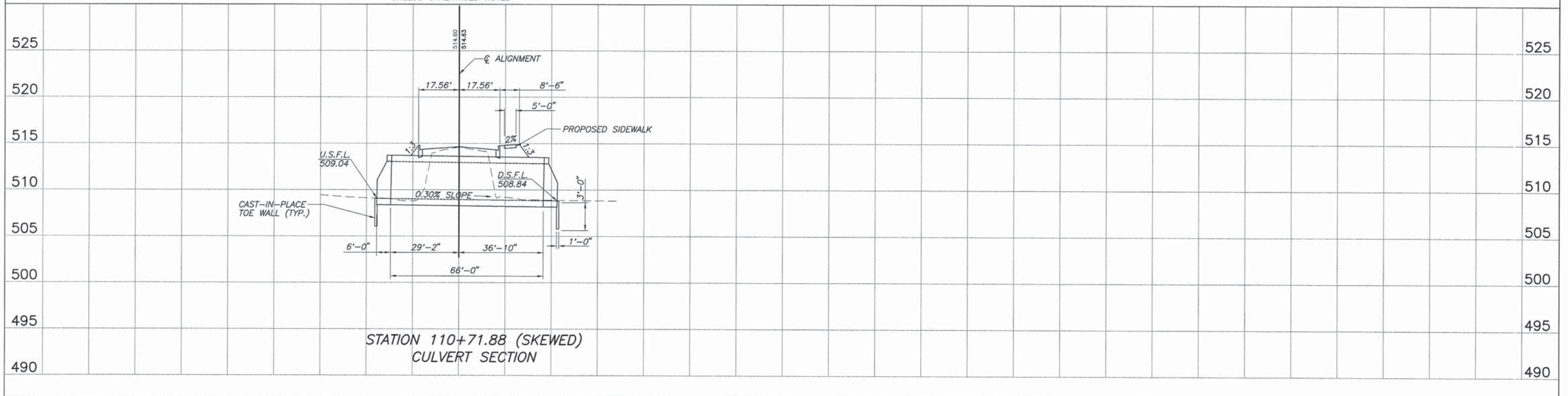
STORM SEWER CONNECTION DETAIL

N.T.S.



SECTION THRU BARREL

REMOVE UNSUITABLE SOIL BELOW BOTTOM OF CULVERT 2 FT. OUTSIDE THE FOOTPRINT OF THE BOX. REMOVAL DEPTH SHALL BE 6" MINIMUM OR AS DIRECTED BY THE ENGINEER. COST SHALL BE INCLUDED IN THE COST OF "STRUCTURE EXCAVATION". REPLACE WITH CA-7 OR OR CA-11 "POROUS GRANULAR EMBANKMENT."



STATION 110+71.88 (SKEWED)
CULVERT SECTION