

ROUTE NO	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.P. 793	05-00025-00-TL	MADISON	1	135
F.A.U. 9393	07-00025-01-WR			
FEDERAL AID PROJECT				
CONTRACT NO. 97352				

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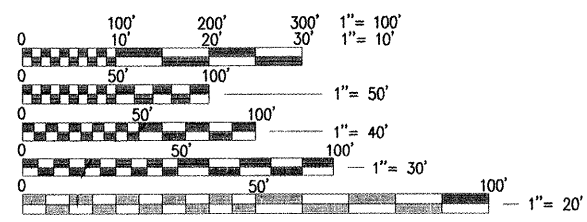
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

F.A.P. 793 (U.S. ROUTE 40)
F.A.U. 9393 (TROY-O'FALLON ROAD)
CITY OF TROY
MADISON COUNTY
SECTION 05-00025-00-TL
SECTION 07-00025-01-WR
PROJECT NO. CMM-5011(192)
JOB NO. C-98-302-06

STANDARDS

280001-04	604036-02	701901-01
420001-07	604041-02	720001-01
424001-05	604086-02	720006-02
442101-07	604091-02	720016-02
442201-03	606001-04	780001-02
482001-02	606101-04	781001-03
542101-02	606201-02	805001-01
542116-02	701001-02	814001-02
542301-02	701006-03	814006-02
542401-01	701011-02	873001-02
602301-02	701201-03	877001-04
602306-02	701301-03	878001-07
602401-02	701306-02	880006-01
602601-02	701311-03	886001-01
602701-02	701326-03	886006-01
604006-04	701801-04	

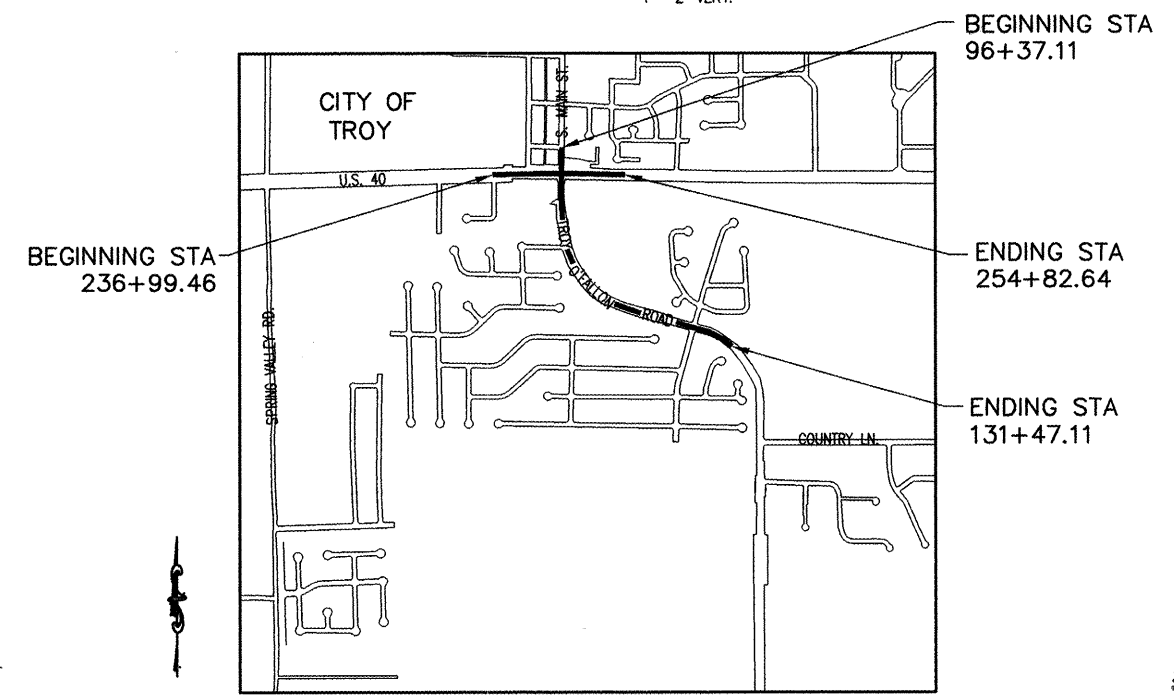
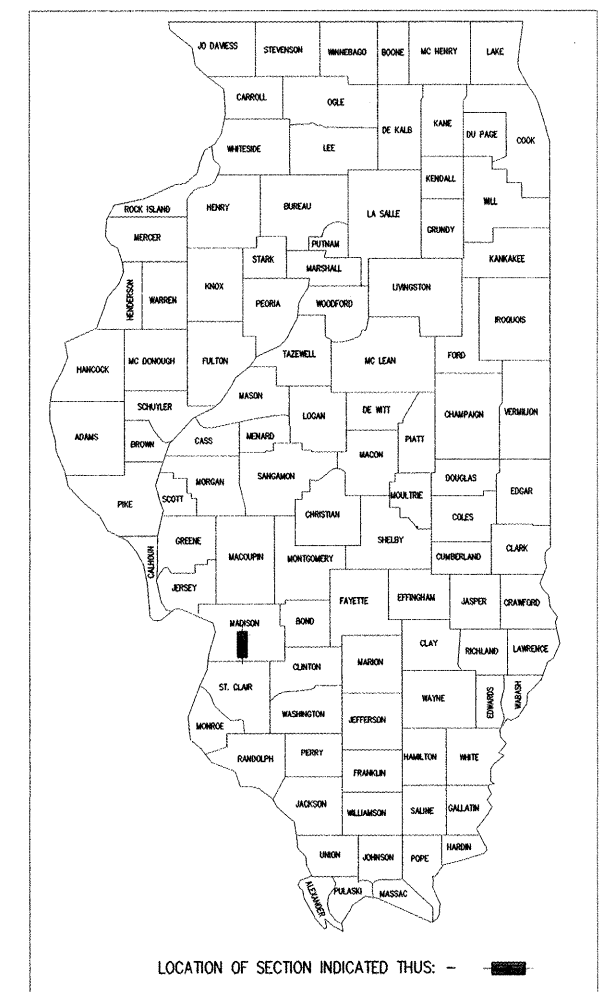
SCALES UNLESS OTHERWISE NOTED
 PLAN PROFILE HORIZ. 1"=20'
 PROFILE VERT. 1"=5'
 CROSS SECTIONS 1"=5' HORIZ. 1"=2' VERT.



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

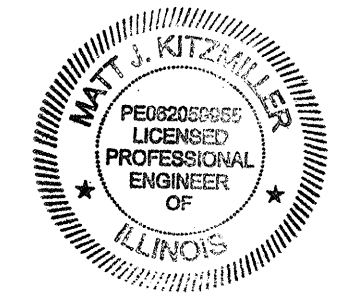
F.A.P. ROUTE 793 DESIGN DESIGNATION	F.A.U. ROUTE 9393 DESIGN DESIGNATION
ROADWAY CLASSIFICATION = PRINCIPLE ARTERIAL	ROADWAY CLASSIFICATION = MINOR ARTERIAL
DESIGN SPEED = 45 M.P.H.	DESIGN SPEED = 45 M.P.H.
CURRENT TRAFFIC (ADT) = 12,000	CURRENT TRAFFIC (ADT) = 11,500
DESIGN TRAFFIC (ADT) = 14,000	DESIGN TRAFFIC (ADT) = 13,300

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



LOCATION MAP

GROSS LENGTH (US 40)= 1,783.18' (0.338 MILES)
 GROSS LENGTH (SOUTH MAIN ST./TROY-O'FALLON RD.)= 3,510.00' (0.665 MILES)
 TOTAL LENGTH= 5,293.18' (1.002 MILES)



APPROVED: *[Signature]* MAYOR OF TROY

PASSED: 11/10/08 2008
[Signature] DISTRICT 8 ENGINEER OF LOCAL ROADS

RELEASING FOR BID BASED ON LIMITED REVIEW: 11/10/08 2008
[Signature] MARY C. LAMIE, P.E. DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

[Signature] MATT J. KITZMILLER, P.E. NO. 062-059955 DATE 11/7/08
 EXPIRES NOVEMBER 30, 2009



THOUVENOT, WADE & MOERCHEN, INC.

P:\050162D\dwg\050162CD\VER.dwg 4/15/2008 3:15:35 PM CDT

GENERAL NOTES

ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGE HIS OPERATIONS IN ORDER THAT THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.

THE TYPE, SIZE, AND LOCATION OF UTILITIES AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS; FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES; OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS, THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

EVERY TREE SHALL BE SAVED IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.

EROSION AND SEDIMENT CONTROL SHALL BE PERFORMED ACCORDING TO SECTION 280 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE EROSION CONTROL SHEETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

THE RESIDENT ENGINEER WILL FIELD LOCATE ALL SILT FENCE, DITCH CHECKS, AND EROSION CONTROL BLANKET.

ALL EARTH SURFACES DISTURBED BY CONSTRUCTION OR AS DIRECTED BY THE ENGINEER SHALL BE SEEDED.

2.5 ACRE SEEDING CL 2A
 2.5 ACRE MULCH METHOD 2
 225 POUNDS NITROGEN FERTILIZER NUTRIENT
 225 POUNDS PHOSPHORUS FERTILIZER NUTRIENT
 225 POUNDS POTASSIUM FERTILIZER NUTRIENT

SEEDING DATES: FALL: AUG. 1 - NOV. 15
 SPRING: MAR. 1 - JUNE 1
 NO SEEDING SHALL BE DONE BETWEEN
 JUNE 2 - JULY 31

THE CONTRACTOR MAY SUBSTITUTE A 12" THICK LAYER OF CA-6 AGGREGATE IN LIEU OF THE 12" THICK LIME MODIFIED SOIL IF THE CONTRACTOR CHOOSES. THE AGGREGATE BASE MUST BE PREPARED ACCORDING TO SECTION 406 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

IT IS INTENDED THAT ANY CULVERTS DAMAGED BY OR REMOVED BY THE CONTRACTOR OTHER THAN THOSE NOTED ON THE PLANS TO BE REMOVED WILL HAVE TO BE REMOVED AND/OR REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.

ALL MATERIALS SUCH AS FRAMES AND GRATES AND STORM SEWER PIPE SCHEDULED FOR REMOVAL, THAT ARE CONSIDERED TO BE SUITABLE FOR FUTURE USE, SHALL BE SALVAGED AND STOCKPILED AS DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS SCHEDULED FOR REMOVAL BUT NOT SALVAGED, SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.

THE TOP OF GRATE ELEVATIONS SHOWN ON THE PLANS REFER TO THE ELEVATION OF THE FRAME AND GRATE FLOWLINE. ALL DITCHES SHALL BE RE-GRADED/SHAPED TO ENSURE ALL STORM WATER RUNOFF ENTERS THE INTENDED DITCH INLET (TYPE 8 GRATE).

ALL TRAFFIC CONTROL INCLUDING BUT NOT LIMITED TO, WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED ACCORDING TO SECTION 700 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF TROY AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

PIP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9393	05-00025-00-IL 07-00025-01-IL	MADISON	135	2
STA.		TO STA.		

CONTRACT NO. 97352

LIST OF UTILITIES

GAS/ELECTRIC
 AMERENIP
 2600 N. CENTER ST.
 MARYVILLE, IL 62062
 (618)-346-1236

TELEPHONE
 AT&T
 203 GOETHE
 COLLINSVILLE, IL 62234
 (800)-244-4444

CABLE
 CHARTER COMMUNICATIONS
 508 NIAGARA STREET
 EAST ALTON, IL 62024
 (618)-779-4179

WATER
 CITY OF TROY
 116 EAST MARKET STREET
 TROY, IL 62294
 (618)-667-9924

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	INCIDENTAL SURFACE	SURFACE	BINDER	SHOULDER
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX)	10%	10%	15%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5			
FRICITION AGG	MIXTURE D	MIXTURE B	MIXTURE D	BAM

-PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 115 LB/SY/IN
 -PLAN QUANTITIES FOR HOT-MIX ASPHALT BINDER COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SY/IN

REVISIONS	
NAME	DATE

GENERAL NOTES

 US 40 AND
 TROY-O'FALLON ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

SUMMARY OF QUANTITIES

SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL	MADISON	135	3
STA. 07-00026-01-HR		TO STA.		

CONTRACT NO. 97352

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	QTY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	31
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24
20200100	EARTH EXCAVATION	CU YD	2,439
20400800	FURNISHED EXCAVATION	CU YD	4,660
20800150	TRENCH BACKFILL	CU YD	138
25000210	SEEDING, CLASS 2A	ACRE	2.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	225
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	225
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	225
25100115	MULCH, METHOD 2	ACRE	2.5
25100630	EROSION CONTROL BLANKET	SQ YD	1,037
28000255	TEMPORARY EROSION CONTROL SEEDING	ACRE	2.5
28000300	TEMPORARY DITCH CHECK	EACH	1
28000400	PERIMETER EROSION BARRIER	FOOT	1,918
28000500	INLET AND PIPE PROTECTION	EACH	33
28100107	STONE RIPRAP, CLASS A4	SQ YD	20
28200200	FILTER FABRIC	SQ YD	20
30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	2,264
30201500	LIME	TON	44
31102200	SUB-BASE GRANULAR MATERIAL, TYPE C 5"	SQ YD	4,512
31102300	SUB-BASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	1,307
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	391
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	104
35400200	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 7"	SQ YD	95
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	232
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,757
40600300	AGGREGATE (PRIME COAT)	TON	32
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	745
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	320
40600990	TEMPORARY RAMP	SQ YD	240
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	3,790
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,852
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	45
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	430
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,081
42400800	DETECTABLE WARNINGS	SQ FT	48
44000100	PAVEMENT REMOVAL	SQ YD	82
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	759
44000400	GUTTER REMOVAL	FOOT	1,007
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	619
44000600	SIDEWALK REMOVAL	SQ FT	638
44004250	PAVED SHOULDER REMOVAL	SQ YD	5,932
44200924	CLASS B PATCHES, TYPE III, 7"	SQ YD	19
44200926	CLASS B PATCHES, TYPE IV, 7"	SQ YD	29

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	QTY
44201789	CLASS D PATCHES, TYPE II, 12"	SQ YD	14
44213200	SAW CUTS	FOOT	145
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	8,601
48100500	AGGREGATE SHOULDERS, TYPE A, 6"	SQ YD	621
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	292
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	5,243
50104400	CONCRETE HEADWALL REMOVAL	EACH	8
50105220	PIPE CULVERT REMOVAL	FOOT	653
50901760	PIPE HANDRAIL	FOOT	73
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	FOOT	17
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	135
54201279	PIPE CULVERTS, TYPE 2, RCCP 24"	FOOT	27
54201291	PIPE CULVERTS, TYPE 2, RCCP 36"	FOOT	103
54201297	PIPE CULVERTS, TYPE 2, RCCP 42"	FOOT	11
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1
54213870	STEEL END SECTIONS 15"	EACH	8
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	2
54215442	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 42"	EACH	1
54223447	REMOVE AND RELAY PIPE CULVERTS 12"	FOOT	31
54248510	CONCRETE COLLAR	CU YD	2
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	280
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	449
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	151
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	75
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	49
55100500	STORM SEWER REMOVAL, 12"	FOOT	24
60219530	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1, FRAME, CLOSED LID	EACH	1
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	1
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	3
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	1
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	4
60242500	INLETS, SPECIAL, NO. 1	EACH	5
60242600	INLETS, SPECIAL, NO. 2	EACH	1
60242700	INLETS, SPECIAL, NO. 3	EACH	2
60255500	MANHOLES TO BE ADJUSTED	EACH	4
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	20
60602500	CONCRETE GUTTER, TYPE A	FOOT	80
60602800	CONCRETE GUTTER, TYPE B	FOOT	226
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	351
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,511

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

SUMMARY OF QUANTITIES

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

SUMMARY OF QUANTITIES

FWP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 89931	05-00025-00-TL 07-00025-01-WP	MADISON	135	4
STA.		TO STA.		

CONTRACT NO. 97352

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	QTY
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	172
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CA DA	40
70300100	SHORT TERM PAVEMENT MARKING	FOOT	756
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	24,078
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	250
72000100	SIGN PANEL - TYPE 1	SQ FT	42
73000100	WOOD SIGN SUPPORT	FOOT	86
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	631
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	25,370
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	362
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	222
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	518
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	155
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	252
* 78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	22
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	4,348
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	193
* 81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	90
* 81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	405
* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	56
* 81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	21
* 81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	10
* 81021340	CONDUIT PUSHED, 2 1/2", DIA., PVC	FOOT	104
* 81030100	CONDUIT SPLICE	EACH	2
* 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	572
* 81900300	TRENCH AND BACKFILL WITH SCREENINGS AND/OR SAND	FOOT	10
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,184
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	661
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,158
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
* 87900200	DRILL EXISTING HANDHOLE	EACH	3
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
* 88200300	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	2
* 88500520	INDUCTION LOOP DETECTOR AMPLIFIER WITH CALL DELAY AND CALL CARRY-OVER, DIGITAL DESIGN	EACH	7
* 88600100	DETECTOR LOOP, TYPE 1	FOOT	1,601
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2

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SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	QTY
* 89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,184
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
* 89502800	DISPOSITION OF SALVAGED TRAFFIC SIGNAL EQUIPMENT	L SUM	1
X7010010	TRAFFIC CONTROL - STAGE I	L SUM	1
X7010020	TRAFFIC CONTROL - STAGE II	L SUM	1
XX002053	LANDSCAPE RESTORATION	L SUM	1
XX002866	CONCRETE BARRIER WALL (SPECIAL)	CU YD	10
XX003503	FLARED END SECTION REMOVAL	EACH	7
XX001590	STORM SEWERS, PVC SDR 26, 15"	FOOT	284
Z0017100	DOWEL BARS	EACH	72
Z0041500	PLUG EXISTING CULVERTS	EACH	4
Z0075300	TIE BARS	EACH	72
XX001591	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36", SPECIAL	EACH	1
XX001592	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 42", SPECIAL	EACH	1

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

SUMMARY OF QUANTITIES

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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APP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-IL 07-00025-01-WR	MADISON	135	5
STA.		TO STA.		

CONTRACT NO. 97352

DRAINAGE STRUCTURES SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET (FEET)	INLET TYPE A TYPE 10 FRAME & GRATE	INLET TYPE B TYPE 1 F&CL	INLET TYPE B TYPE 8 GRATE	INLET TYPE B TYPE-23 FRAME & GRATE	INLET TYPE B TYPE-24 FRAME & GRATE	TYPE A MANHOLE 4" TYPE 23 F&G	TYPE A MANHOLE 6" TYPE 1 F&CL	INLET SPECIAL #1 3'X3' OPEN THROAT	INLET SPECIAL #2 4'X4' AREA INLET	INLET SPECIAL #3 4'X10' INLET	REIN. CONC. F.E.S. 15"	REIN. CONC. F.E.S. 18"	REIN. CONC. F.E.S. 24"	REIN. CONC. F.E.S. 36"	CAST-IN-PLACE REIN. CONC. END SECTION 36", SPECIAL	CAST-IN-PLACE REIN. CONC. END SECTION 2-36"	CAST-IN-PLACE REIN. CONC. END SECTION 42"	CAST-IN-PLACE REIN. CONC. END SECTION 42", SPECIAL	
US 40																					
1	241+06.51	38.53' RT																			
2	242+53.38	39.40' RT			1																
3	242+53.38	32.50' RT						1													
4	244+44.10	33.57' RT							1												
TROY-O'FALLON ROAD																					
5	102+51.29	25.00' LT																			
6	102+74.70	25.00' RT																			
	103+41.48	47.38' RT																			
7	103+43.20	25.42' RT										1								1	
8	103+46.78	23.08' LT										1								1	
	103+49.41	48.06' LT																			
9	104+66.06	21.33' LT	1																		
10	107+59.32	35.52' RT																			
11	107+83.29	33.53' RT						1													
12	108+36.86	36.63' RT																			
26	108+33.84	48.44' RT								1											
13	108+84.68	52.23' RT									1										
14	108+93.30	68.87' LT														1					
	111+64.86	68.55' RT																	1		
	111+68.97	51.50' LT																		1	
15	111+69.45	56.63' RT							1												
	119+48.92	42.00' RT																			
16	119+49.36	58.79' LT														1					
17	125+09.25	38.80' RT																			
18	125+15.05	32.13' LT																			
19	125+28.56	41.23' RT										1									
20	125+39.12	49.59' LT										1									
21	125+76.95	50.80' LT										1									
22	125+87.81	39.43' RT										1									
23	126+03.09	36.66' LT			1																
24	128+24.70	37.67' LT			1																
25	129+55.22	34.08' LT																			
TOTAL				1	1	3	1	4	1	1	5	1	2	3	1	1	1	1	2	1	1

STORM SEWER SCHEDULE

FROM STATION	OFFSET (FEET)	TO STATION	OFFSET (FEET)	STORM SEWERS						TRENCH BACKFILL (CU YD)	
				12" CL A, TY 1	15" CL A, TY 1	15" CL A, TY 2	15" SDR 26 WQP	18" CL A, TY 1	18" CL A, TY 2		
US 40											
241+06.51	38.53' RT	242+53.38	39.40' RT		140						
242+53.38	39.40' RT	242+53.38	32.50' RT				4				
242+53.38	32.50' RT	244+44.10	33.57' RT				188			21.79	
244+44.10	33.57' RT	244+67.71	33.58' RT		21					1.25	
TROY-O'FALLON ROAD											
102+51.29	25.00' LT	103+46.78	23.08' LT	91						18.34	
102+74.70	25.00' RT	103+43.20	25.42' RT	63						13.03	
103+46.78	23.08' LT	104+66.06	21.33' LT	113						22.77	
107+59.32	35.52' RT	107+83.29	33.53' RT				18			5.79	
108+32.29	52.88' RT	108+36.86	36.63' RT	13						2.20	
108+36.86	36.63' RT	108+84.68	52.23' RT					49		12.72	
125+09.25	38.80' RT	125+28.56	41.23' RT		13					0.83	
125+15.05	32.13' LT	125+39.12	49.59' LT		22					2.42	
125+28.56	41.23' RT	125+87.81	39.43' RT				57			7.42	
125+39.12	49.59' LT	125+76.95	50.80' LT				35			7.98	
125+76.95	50.80' LT	126+03.09	36.66' LT		27					2.53	
125+87.81	39.43' RT	126+03.09	36.66' LT			75				18.18	
126+03.09	36.66' LT	128+24.70	37.67' LT		226						
128+24.70	37.67' LT	129+55.22	34.08' LT					133			
TOTAL					280	449	75	284	151	49	137.25

PIPE CULVERTS

STATION	OFFSET (FEET)	TO STATION	OFFSET (FEET)	PIPE CULVERTS, TYPE 1, CORR. STEEL OR ALUM. 12" (FEET)	PIPE CULVERTS, TYPE 1, CORR. STEEL OR ALUM. 15" (FEET)	PIPE CULVERTS, TYPE 2, RCCP 24" (FEET)	PIPE CULVERTS, TYPE 2, RCCP 36" (FEET)	PIPE CULVERTS, TYPE 2, RCCP 42" (FEET)	STEEL END SECTION 15" (EACH)
US 40									
252+37.27	28.10'	252+76.60	27.65' RT		35				2
TROY-O'FALLON ROAD									
103+42.81	36.52'	103+43.36	50.37' LT	17					
103+43.20	25.42'	103+41.48	47.38' RT						
103+46.78	23.08'	103+49.41	48.06' LT				42		
106+67.78	35.09'	107+02.64	34.64' RT		31		48		
108+84.80	50.23'	108+85.74	35.53' RT			17			2
108+92.16	54.43'	108+92.81	62.76' LT			10			
111+69.45	56.63'	111+64.86	68.55' RT					11	
115+18.56	53.56'	115+62.38	49.84' RT		42				2
119+49.01	39.75'	119+49.32	50.64' LT						
121+15.24	44.41'	121+45.85	37.71' LT				13		2
TOTAL				17	135	27	103	11	8

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REVISIONS	
NAME	DATE

SCHEDULES

U.S. 40 TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

793	05-00025-00-1L	MADISON	135	6
9392	07-00025-01-MR			
STA.	TO STA.			

CONTRACT NO. 97352

PAVING SCHEDULE

STATION	TO	STATION	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 7"	AGGREGATE BASE COURSE, TYPE B 12"	SUB-BASE GRANULAR MATL., TYPE-C 5"	SUB-BASE GRANULAR MATL., TYPE-C 6"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1.5"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 11.75"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 12.5"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 VARIOUS DEPTH	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE SHOULDERS, TYPE A 6"	AGGREGATE WEDGE SHOULDER, TYPE B	PROCESSING MODIFIED SOIL 12"	LIME	BIT. MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	
			SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	SQ YD	SQ YD	TON	SQ YD	TON	GALLON	TON	
US 40																		
236+99.46		254+82.64				1,307.14		623.51		775.52		1,091.76	620.78	13.78	2,263.37	43.59	542.18	10.84
SOUTH MAIN STREET																		
99+79.71		100+09.71						33.00									28.70	0.57
TROY-O'FALLON ROAD																		
100+57.01		131+47.11			4,512.19			1,105.38	2,875.26			4,150.70					961.20	19.22
TURTLE CREEK																		
9+17.29		9+82.00	21.64	24.15				28.12									24.45	0.49
MEADOWBROOKE DRIVE																		
9+42.12		9+82.00	38.06	42.59				22.35									19.43	0.39
FAIR OAKS DRIVE																		
10+18.00		10+62.05	34.53	37.13				18.16									15.79	0.32
TOTAL			94.23	103.87	4,512.19	1,307.14	1,830.52	2,875.26	775.52	138.92	5,242.46	620.78	291.88	2,263.37	43.59	1,591.75	31.83	

ENTRANCE SCHEDULE

LOCATION(STATION)	AGG BASE COURSE T-B, 6"	AGG SURFACE COURSE T-A, 6"	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1.5" (TON)	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)	PCC DRIVEWAY PAVEMENT - 6" (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
US 40							
237+23.11 RT				5.62	4.89		
238+90.78 LT C.E.		46.92					
241+34.31 LT				3.31	2.88		
241+34.57 RT C.E.		26.44				50.00	
242+85.44 RT C.E.		17.46				50.00	
243+15.54 RT C.E.				3.70	3.22		
243+35.94 RT C.E.		14.84				42.21	
247+93.02 RT C.E.				3.05	2.66		
248+63.33 LT				4.99	4.34		
249+74.42 RT C.E.	35.19		4.04		13.19		61.01
252+57.01 RT C.E.	38.48		4.43		14.43		69.48
253+90.45 RT C.E.	8.26		0.95		3.10		31.42
TROY-O'FALLON ROAD							
102+09.60 RT C.E.		59.14				41.63	
102+45.37 RT C.E.		59.14				41.63	
102+74.75 LT C.E.						64.98	81.58
104+91.01 LT P.E.	7.95		0.91		2.98	10.31	17.06
105+17.31 RT C.E.	7.22		0.83		2.71	38.59	37.65
105+58.05 LT P.E.	6.67		0.77		2.50	11.17	18.09
106+32.00 LT P.E.	13.26		1.52		4.97	11.40	26.37
106+85.02 RT P.E.						56.69	59.49
107+41.07 LT P.E.		7.16				11.22	
109+72.05 LT P.E.	34.22		3.94		12.83		35.85
110+60.67 RT P.E.	106.57		12.26		39.96		135.52
116+15.12 LT P.E.	74.80		8.60		28.05		88.27
116+76.61 RT P.E.	34.91		4.01		13.09		56.39
121+31.99 LT P.E.	23.32		2.68		8.75		40.07
TOTAL	390.85	231.10	44.94	20.67	164.55	429.83	758.25

PIPE CULVERT REMOVAL

STATION	PIPE CULVERT REMOVAL (FEET)
US 40	
241+07.97 RT TO 241+55.24 RT	47.28
242+81.99 RT TO 243+47.05 RT	65.05
252+39.23 RT TO 252+74.44 RT	35.21
TROY-O'FALLON ROAD	
103+40.43 RT	14.39
103+44.12 LT	7.00
103+44.28 RT	14.89
103+46.43 LT	18.73
103+49.64 LT	18.18
106+70.38 RT TO 107+00.76 RT	30.72
107+74.20 RT TO 107+83.29 RT	10.70
108+36.86 RT TO 108+70.30 RT	35.83
111+69.45 RT	4.00
115+17.30 RT TO 115+59.39 RT	43.89
119+79.19 RT TO 120+20.73 RT	41.78
121+06.10 LT TO 121+56.57 LT	50.54
125+18.86 RT TO 126+01.08 RT	82.22
125+29.37 LT TO 125+85.51 LT	56.14
126+70.99 LT TO 127+03.11 LT	33.22
128+27.07 LT TO 128+68.46 LT	42.83
TOTAL	652.60

FLARED END SECTION REMOVAL

STATION	FLARED END SECTION REMOVAL (EACH)
US 40	
244+36.97 RT	1
TROY-O'FALLON ROAD	
107+68.22 RT	1
108+76.48 RT	1
125+10.72 RT	1
125+20.97 LT	1
125+93.07 LT	1
126+09.71 RT	1
TOTAL	7

PAVEMENT REMOVAL

STATION	PAVEMENT REMOVAL (SQ YD)
TROY-O'FALLON ROAD	
100+60.51 RT	1.63
108+35.55 RT	3.55
107+60.48 RT TO 108+71.28 RT	76.80
TOTAL	81.98

REVISIONS

NAME	DATE

SCHEDULES

U.S. 40 TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

APP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL	MADISON	135	7
9392	07-00025-01-NR			
STA.	TO STA.			

CONTRACT NO. 97352

CURB, GUTTER, & SIDEWALK SCHEDULE											
STATION	TO	STATION	GUTTER REMOVAL	COMB. CONC. CURB & GUTTER REMOVAL	SIDEWALK REMOVAL	CONCRETE GUTTER, TYPE A	CONCRETE GUTTER, TYPE B	COMB. CONC. CURB & GUTTER TYPE B6.24	COMB. CONC. CURB & GUTTER TYPE B6.18	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	DETECTABLE WARNINGS
			FEET	FEET	SQ FT	FEET	FEET	FEET	FEET	FEET	SQ FT
US 40											
240+96.98	TO	244+37.71 RT						340.81			
TROY-O'FALLON ROAD											
100+41.12	TO	104+05.54 LT						456.04			
100+48.01	TO	101+47.26 LT		153.09							
100+52.65	TO	101+65.81 RT		152.90							
100+57.01	TO	107+56.45 RT						714.03			
101+47.26	TO	107+53.93 L	603.07								
101+65.81	TO	105+41.63 R	378.44								
103+43.40 RT			11.66								
103+48.01 LT			13.39								
104+05.54	TO	104+75.93 LT					69.78				
105+05.90	TO	105+42.75 LT					36.43				
105+73.42	TO	106+16.57 LT					42.77				
106+47.61	TO	106+16.57 LT					77.03				
115+52.68	TO	116+03.37 LT				49.39					
116+28.70	TO	116+60.12 LT				30.62					
TURTLE CREEK											
9+17.29	TO	9+83.71 LT		63.46					74.80		
9+17.29	TO	9+82.73 RT		75.88	242.11				82.17	278.69	8.00
9+28.21	TO	9+71.44 LT			67.69					197.49	8.00
MEADOWBROOKE DRIVE											
9+42.12	TO	9+80.00 LT		44.46	105.33				50.01	147.90	8.00
9+42.12	TO	9+77.00 RT		46.88	87.97				42.47	148.25	8.00
FAIR OAKS DRIVE											
10+20.11	TO	10+62.05 LT		40.98					46.67		
10+20.11	TO	10+62.05 RT		40.52	68.91				54.18	147.51	8.00
10+30.78	TO	10+59.66 LT			65.36					161.05	8.00
TOTAL			1,006.56	618.17	637.37	80.01	226.01	1,510.88	350.30	1,080.89	48.00

EARTHWORK SCHEDULE						
STATION	TO	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+), SHORTAGE (-)
			CU YD	CU YD	CU YD	CU YD
US 40						
236+99.46	TO	254+82.64	830	622.5	72	550.5
TROY-O'FALLON ROAD						
100+26.33	TO	131+47.11	1,609	1,206.75	6,417	-5,210.25
TOTAL			2,439	1,829.25	6,489	-4,659.75

TREE REMOVAL		
STATION	6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
	UNIT	UNIT
TROY-O'FALLON ROAD		
101+21.85 RT		24
108+90.54 RT	6	
103+50.50 LT	15	
124+30.87 RT	10	
TOTAL	31	24

INLET & PIPE PROTECTION		
STATION	OFFSET	NUMBER OF APPLICATIONS EACH
US 40		
241+06.51	38.53' RT	1
242+53.38	39.40' RT	1
242+53.38	32.50' RT	1
244+44.10	33.57' RT	1
252+36.39	28.10' RT	1
252+77.39	27.65' RT	1
TROY-O'FALLON ROAD		
102+51.29	25.00' RT	1
102+74.70	25.00' LT	1
103+43.20	25.42' RT	1
103+46.78	23.08' LT	1
104+66.02	21.33' LT	1
106+67.78	35.09' RT	1
107+02.64	34.64' RT	1
107+59.32	35.52' RT	1
107+83.29	33.53' RT	1
108+32.29	52.68' RT	1
108+36.86	36.63' RT	1
108+84.68	52.23' RT	1
108+93.30	68.87' RT	1
109+14.44	58.81' RT	1
115+18.56	53.56' RT	1
115+62.38	49.84' RT	1
119+49.36	58.79' LT	1
121+15.24	44.41' LT	1
121+45.85	37.71' LT	1
125+09.25	35.00' RT	1
125+15.05	32.13' LT	1
125+28.56	41.23' RT	1
125+39.12	49.59' LT	1
125+76.95	50.80' LT	1
125+87.81	39.43' RT	1
126+03.09	36.66' LT	1
128+24.70	37.67' LT	1
TOTAL		33

PERIMETER EROSION BARRIER			
STATION	TO	STATION	PERIMETER EROSION BARRIER
			FEET
TROY-O'FALLON ROAD			
108+16.26	TO	108+83.20 LT	64.51
108+86.44	TO	110+50.00 RT	176.20
109+00.00	TO	109+28.13 LT	32.49
111+00.00	TO	111+53.58 LT	56.92
111+18.88	TO	111+60.35 RT	47.03
111+74.48	TO	114+99.97 LT	310.90
111+79.45	TO	115+27.10 RT	374.82
117+00.00	TO	119+40.05 RT	248.06
117+50.00	TO	119+44.16 LT	191.36
119+54.53	TO	121+26.04 LT	172.52
128+68.44	TO	131+00.00 LT	242.51
TOTAL			1,917.32

CLASS SI CONCRETE					
STATION	TYPE A GUTTER ENTRANCE (CU. YD.)	TYPE A GUTTER INLET (CU. YD.)	TYPE A GUTTER OUTLET (CU. YD.)	TYPE B GUTTER ENTRANCE (CU. YD.)	TYPE B GUTTER OUTLET (CU. YD.)
	TROY-O'FALLON ROAD				
104+91.01 LT				2.09	
105+58.05 LT				2.20	
106+32.00 LT				2.24	
107+41.07 LT				2.22	
107+57.44 TO 107+82.10 LT					1.90
115+15.79 TO 115+52.68 LT			4.57		
116+15.12 LT	3.72				
116+60.12 TO 116+72.42 LT		0.92			
TOTAL	3.72	0.92	4.57	8.75	1.90

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
STATION	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
	SQ. YD.	SQ. YD.
US 40		
236+99.46 TO 237+29.46	73.32	12.22
241+34.31 LT	37.65	16.86
243+15.54 LT	43.46	18.96
248+63.33 LT	43.46	26.57
254+52.64 TO 254+82.64	69.66	11.61
SOUTH MAIN ST.		
99+79.71 TO 100+09.71	382.61	38.23
TROY-O'FALLON RD.		
131+17.11 TO 131+47.11	79.87	13.42
TOTAL	744.38	137.87

PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT		
STATION	PCC SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
	SQ. YD.	SQ. YD.
US 40		
237+23.11 RT	64.49	31.59
247+93.02 RT	36.01	16.26
TURTLE CREEK		
9+17.29 TO 9+37.29	62.03	15.23
MEADOWBROOKE DR.		
9+42.12 TO 9+62.12	94.17	23.18
FAIR OAKS DR.		
10+42.05 TO 10+62.05	63.28	15.55
TOTAL	319.98	101.81

EROSION CONTROL BLANKET			
STATION	TO	STATION	EROSION CONTROL BLANKET
			SQ. YD.
US 40			
239+50.20	TO	241+16.46 RT	245.22
252+68.70	TO	253+71.83 RT	146.90
TROY-O'FALLON ROAD			
106+94.69	TO	107+66.87 RT	124.33
122+00.00	TO	125+13.26 RT	520.21
TOTAL			1,036.66

REVISIONS	
NAME	DATE

SCHEDULES

U.S. 40 TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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PIP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-TL 07-00025-01-WR	MADISON	135	8
STA.		TO STA.		

CONTRACT NO. 97352

SIGNAGE SCHEDULE					
STATION	OFFSET (FEET)	SIGN TYPE	SIZE	SIGN PANEL -- TYPE 1 SQ. FT.	WOOD SIGN SUPPORT FOOT
MAST ARM MOUNTED					
SOUTHBOUND		R10-12	24"X30"	5.00	--
NORTHBOUND		R10-12	24"X30"	5.00	--
US 40					
241+91.88	37.33	RT	R3-1100	24"X24"	4.00 15.5
TROY-O'FALLON ROAD					
103+01.78	29.04	LT	R3-1100	24"X24"	4.00 12.0
104+22.69	29.67	RT	R3-9B	24"X36"	6.00 13.0
113+91.54	33.00	LT	R3-9B	24"X36"	6.00 15.0
118+54.25	33.00	RT	R3-9B	24"X36"	6.00 15.0
132+08.74	33.00	LT	R3-9B	24"X36"	6.00 15.0
TOTAL				42	85.5

RAISED REFLECTIVE PAVEMENT MARKER				
LOCATION		ONE-WAY CRYSTAL	ONE-WAY AMBER	TWO-WAY AMBER
		EACH	EACH	EACH
US 40				
236+99.46 TO 244+34.46			20	8
241+39.46 TO 244+34.46		15		
245+57.64 TO 250+42.64		13		
245+57.64 TO 254+82.64			20	13
SOUTH MAIN STREET				
96+37.11 TO 99+74.40			8	
98+54.40 TO 99+74.40		4		
TROY-O'FALLON ROAD				
100+61.83 TO 102+78.81		10		
124+01.66 TO 127+21.11		6		
100+61.83 TO 131+47.11			20	115
TOTAL		48	68	136

THERMOPLASTIC PAVEMENT MARKINGS									
STATION	DESCRIPTION	4" YELLOW LINE	4" WHITE LINE	6" WHITE LINE	8" WHITE LINE	12" YELLOW LINE	12" WHITE LINE	24" WHITE LINE	LETTERS AND SYMBOLS
		FEET	FEET	FEET	FEET	FEET	FEET	FEET	SQ FT
US 40									
236+99.46 TO 244+34.46	DOUBLE CENTERLINE	2300.07							
236+99.46 TO 244+07.74 LT	EDGE LINE		665.59						
237+58.32 TO 244+37.81 RT	EDGE LINE		680.07						
237+48.83 TO 241+08.71	DIAGONALS					95.31			
239+71.89 TO 241+91.88 RT	2'-6" SKIP DASH		52.00						
241+39.46 TO 244+50.41 RT	LANE LINE		310.96						
241+87.57 TO 244+16.73	TURN ARROWS								93.6
241+91.88 TO 244+52.49 RT	LANE LINE		260.62						
244+34.46	STOP BAR							11.00	
244+50.41 RT	STOP BAR							11.00	
244+52.49 TO 244+77.73	PAINTED MEDIAN				88.07		43.45		
244+65.43 RT	STOP BAR							18.00	
245+44.10 LT	STOP BAR							25.46	
245+44.10 TO 250+42.64 LT	LANE LINE		498.54						
245+52.22 TO 254+82.64 LT	EDGE LINE		872.28						
245+57.64	STOP BAR							11.00	
245+57.64 TO 254+82.64	DOUBLE CENTERLINE	2680.03							
246+03.79 TO 249+94.72	TURN ARROWS								46.8
246+25.38 TO 254+82.64 RT	EDGE LINE		857.46						
250+88.39 TO 254+21.76	DIAGONALS					94.63			
SOUTH MAIN STREET									
96+37.11 TO 99+74.40	DOUBLE CENTERLINE	1052.20							
96+37.11 TO 99+97.04 LT	EDGE LINE		372.27						
96+93.18 TO 100+11.58 RT	EDGE LINE		363.60						
96+75.39 TO 98+36.10	DIAGONALS					35.84			
97+75.40 TO 98+54.40 RT	2'-6" SKIP DASH		20.00						
98+54.40 TO 99+91.83 RT	LANE LINE		137.43						
98+79.09 TO 99+63.00 RT	TURN ARROWS								84.6
99+74.40 RT	STOP BAR							10.00	
99+91.83 RT	STOP BAR							26.03	
TROY-O'FALLON ROAD									
100+42.63 TO 100+80.55 LT	PAINTED MEDIAN				133.72		81.81		
100+43.79 TO 131+47.11 LT	EDGE LINE		3073.73						
100+56.36 LT	STOP BAR							18.00	
100+61.83 LT	STOP BAR							12.00	
100+61.83 TO 102+00.63	LANE LINE		138.80						
100+80.55 TO 102+78.81 LT	LANE LINE		198.26						
100+85.63 RT	STOP BAR							12.00	
100+85.63 TO 102+00.63 RT	DOUBLE CENTERLINE	230.00							
101+02.04 TO 126+99.37	TURN ARROWS								405.6
102+00.63 TO 123+41.66 RT	TW TL		2141.03						
102+00.63 TO 123+41.66 RT	10'-30' SKIP DASH		540.00						
102+60.63 TO 123+41.66 LT	TW TL		2081.03						
102+60.63 TO 123+41.66 LT	10'-30' SKIP DASH		520.00						
102+78.81 TO 104+98.81	2'-6" SKIP DASH		54.00						
100+56.69 TO 131+47.11 RT	EDGE LINE		2924.08						
124+01.66 TO 125+16.66 RT	LANE LINE		115.00						
124+01.66 TO 125+16.66 LT	DOUBLE CENTERLINE	230.00							
126+06.11 TO 127+21.11 LT	LANE LINE		115.00						
126+06.11 TO 127+21.11 RT	DOUBLE CENTERLINE	230.00							
127+21.11 TO 131+47.11	DOUBLE CENTERLINE	1655.25							
127+21.11 TO 131+47.11	DIAGONALS					96.03			
TURTLE CREEK									
9+65.28 RT	STOP BAR							25.39	
9+69.28	CROSS WALK			60.93					
9+75.28	CROSS WALK			75.32					
MEADOWBROOKE DRIVE									
9+62.00 RT	STOP BAR							26.28	
9+66.00	CROSS WALK			57.83					
9+72.00	CROSS WALK			68.92					
FAIR OAKS DRIVE									
10+28.00	CROSS WALK			55.09					
10+34.00	CROSS WALK			44.00					
10+38.00 LT	STOP BAR							19.36	
TOTAL		13,659.61	11,709.69	362.09	221.79	321.81	196.29	154.49	630.6

PAVEMENT MARKING REMOVAL		
STATION TO STATION	DESCRIPTION	PAVEMENT MARKING REMOVAL SQ FT
SOUTH MAIN STREET		
96+37.11 TO 99+79.71	4" CENTERLINE	226.12
96+63.54 TO 98+58.55 RT	4" SKIP-DASH	15.84
98+58.55 TO 99+70.97 RT	4" TURN LANE	37.10
98+79.88 TO 99+53.36 RT	LETTERS & SYMBOLS	84.60
99+70.97 TO 99+79.93 RT	8" ENVELOPE	12.70
99+78.20 TO 99+79.93 RT	12" DIAGONALS	2.46
TROY-O'FALLON ROAD - STAGE 1		
100+63.80 TO 131+47.11 LT	4" CENTERLINE	2,037.36
100+86.35 TO 107+62.80 RT	4" EDGE LINE	224.16
101+18.24 TO 125+29.68 LT	4" EDGE LINE	788.90
108+59.66 TO 125+19.80 RT	4" EDGE LINE	550.68
125+83.17 TO 131+47.11 LT	4" EDGE LINE	188.92
126+00.93 TO 131+47.11 RT	4" EDGE LINE	178.76
TOTAL		4,347.60

TEMPORARY PAINT PAVEMENT MARKING			
STATION	DESCRIPTION	4" YELLOW LINE	4" WHITE LINE
		FEET	FEET
TROY-O'FALLON ROAD - STAGE 1			
100+63.80 TO 131+47.11 LT	DOUBLE CENTERLINE	6,173.82	
100+86.35 TO 107+62.80 RT	EDGE LINE		679.28
101+18.24 TO 125+29.68 LT	EDGE LINE		2,390.60
108+59.66 TO 125+19.80 RT	EDGE LINE		1,668.73
125+83.17 TO 131+47.11 LT	EDGE LINE		572.49
126+00.93 TO 131+47.11 RT	EDGE LINE		541.71
TROY-O'FALLON ROAD - STAGE 2			
100+63.80 TO 131+47.11 RT	DOUBLE CENTERLINE	6,159.94	
100+86.35 TO 107+62.80 RT	EDGE LINE		680.21
100+91.94 TO 125+29.68 LT	EDGE LINE		2,428.43
108+59.66 TO 125+19.80 RT	EDGE LINE		1,676.52
125+83.17 TO 131+47.11 LT	EDGE LINE		568.53
126+00.93 TO 131+47.11 RT	EDGE LINE		537.73
SUB-TOTAL		12,333.76	11,744.23
TOTAL			24,077.99

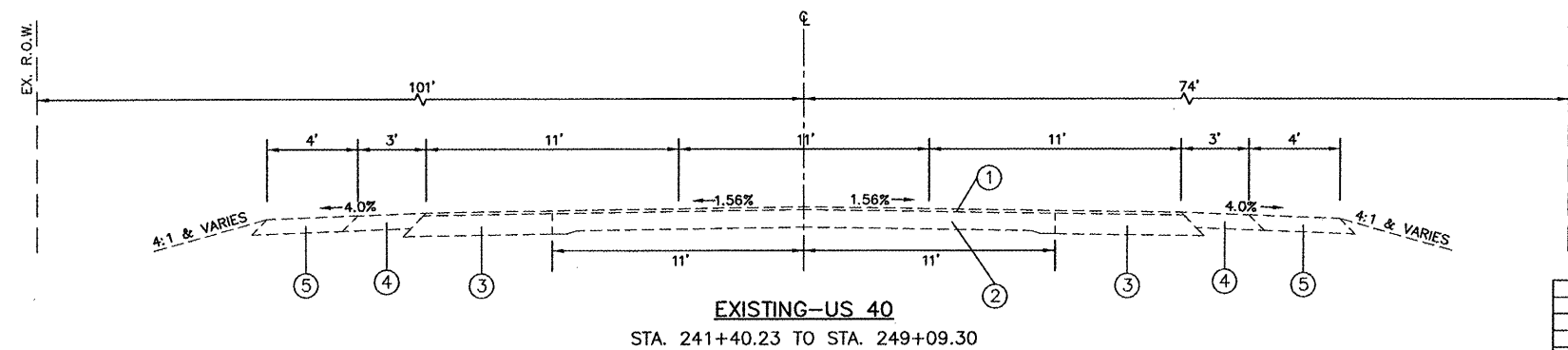
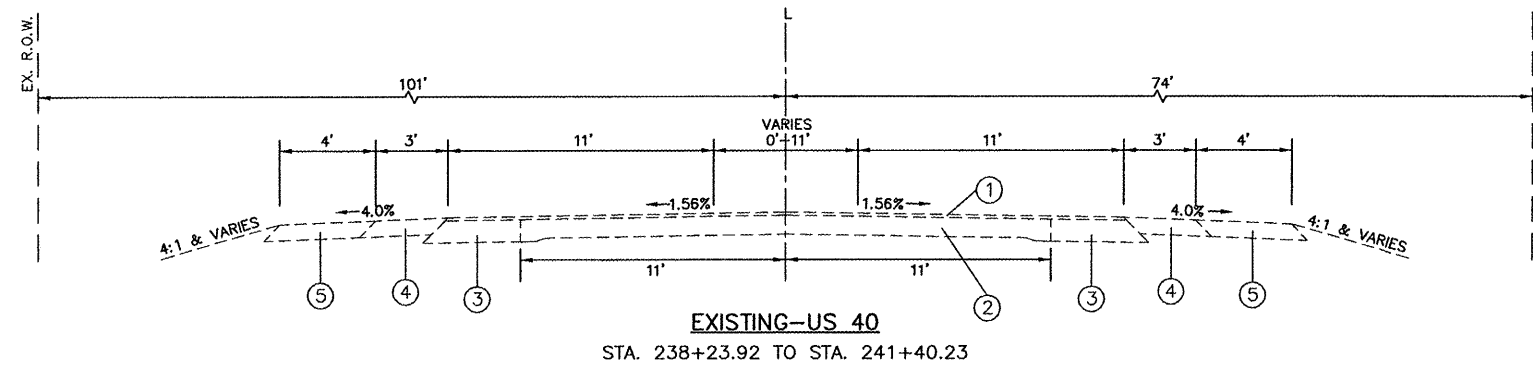
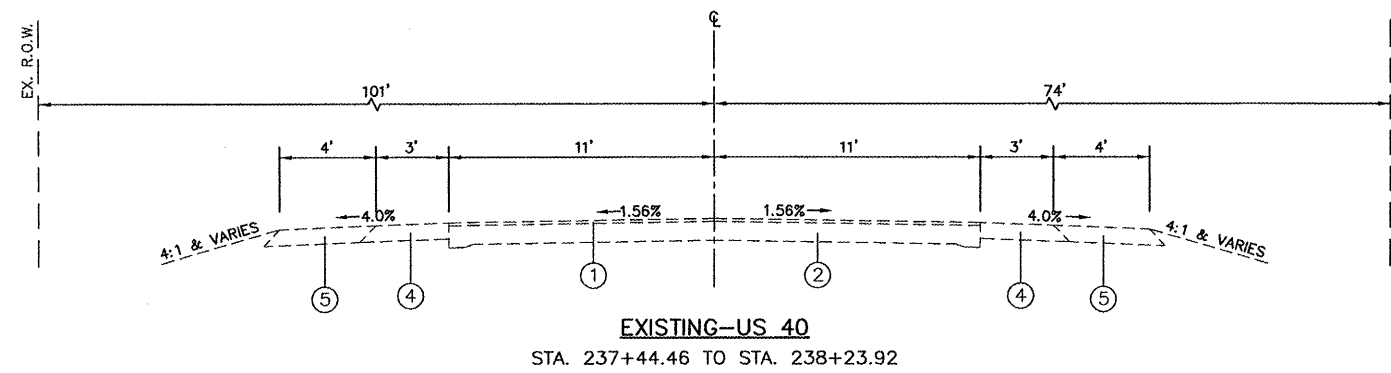
REVISIONS	
NAME	DATE

SCHEDULES

U.S. 40 TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

PROJECT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-TL 07-00025-01-WR	MADISON	135	9
EXISTING US 40				

CONTRACT NO. 97352



LEGEND	
①	EXISTING BITUMINOUS SURFACE COURSE, 3"
②	EXISTING CONCRETE PAVEMENT, 8"
③	EXISTING BITUMINOUS BASE COURSE, 11"
④	EXISTING BITUMINOUS SHOULDER, 8"
⑤	EXISTING AGGREGATE SHOULDER, 8"

REVISIONS	
NAME	DATE

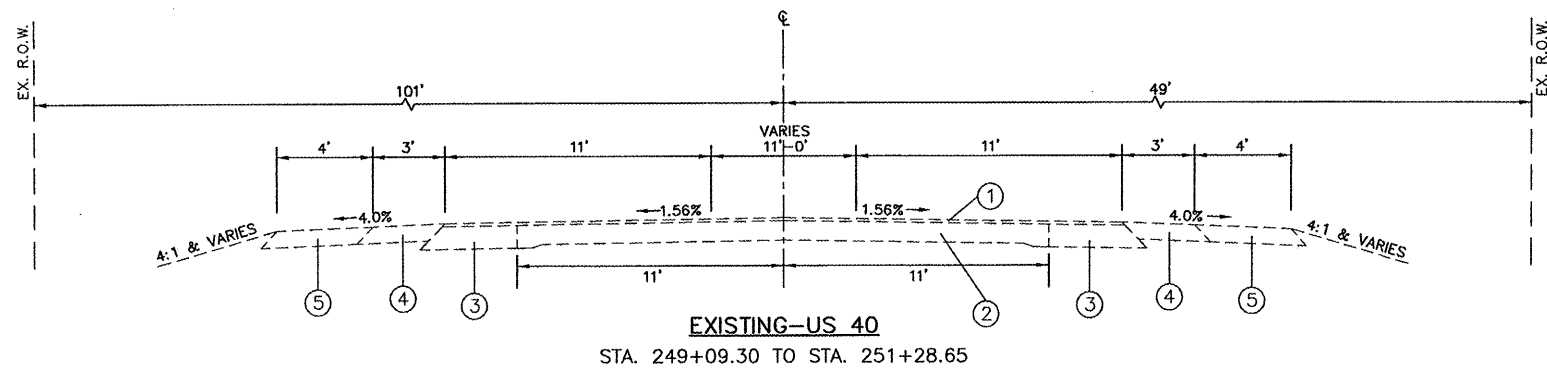
EXISTING CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

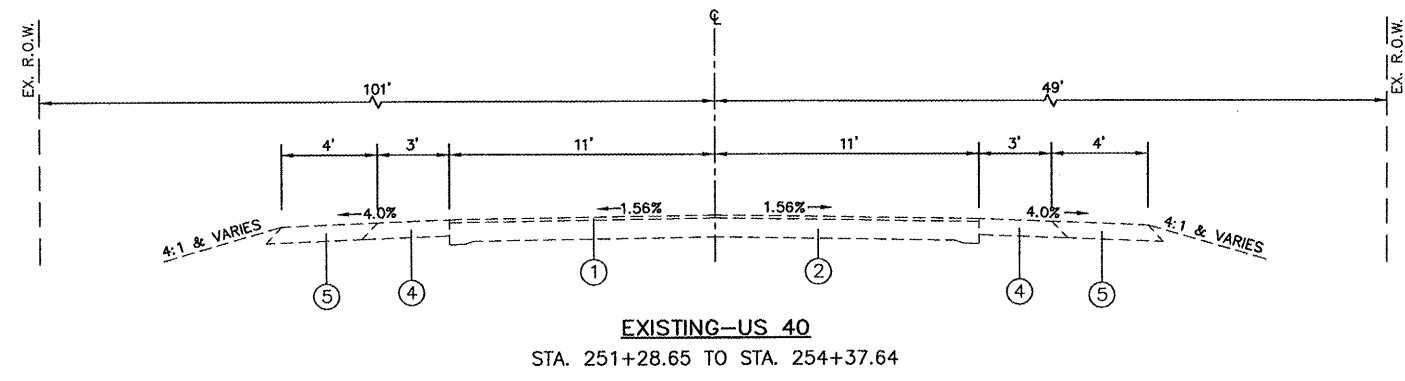
PROP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-TL 07-00025-01-WR	MADISON	135	10

EXISTING US 40

CONTRACT NO. 97352



LEGEND	
①	EXISTING BITUMINOUS SURFACE COURSE, 3"
②	EXISTING CONCRETE PAVEMENT, 8"
③	EXISTING BITUMINOUS BASE COURSE, 11"
④	EXISTING BITUMINOUS SHOULDER, 8"
⑤	EXISTING AGGREGATE SHOULDER, 8"



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REVISIONS	
NAME	DATE

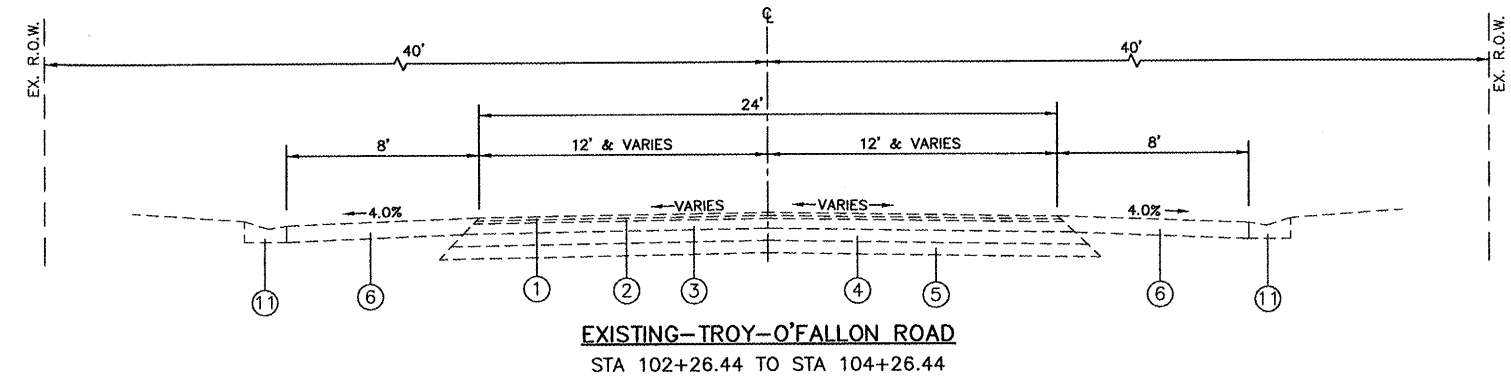
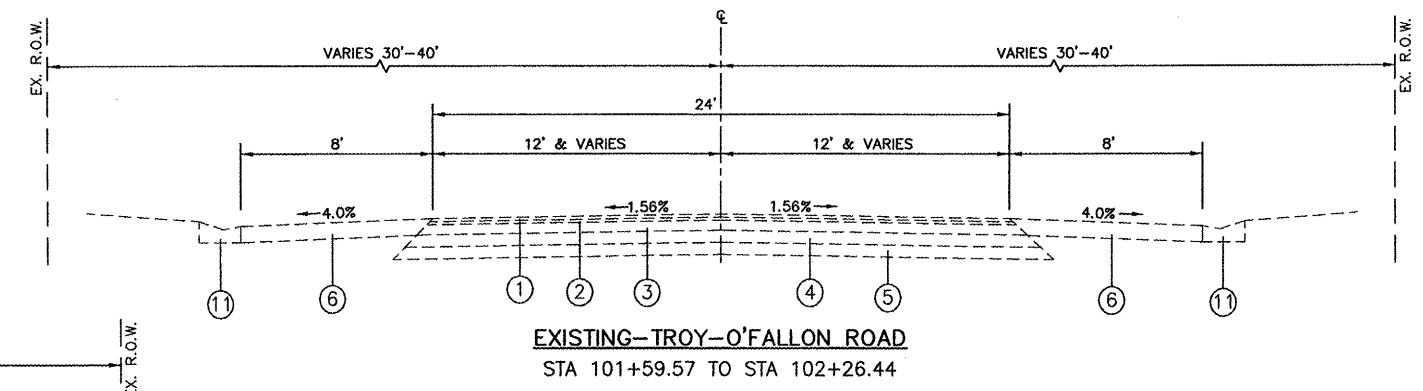
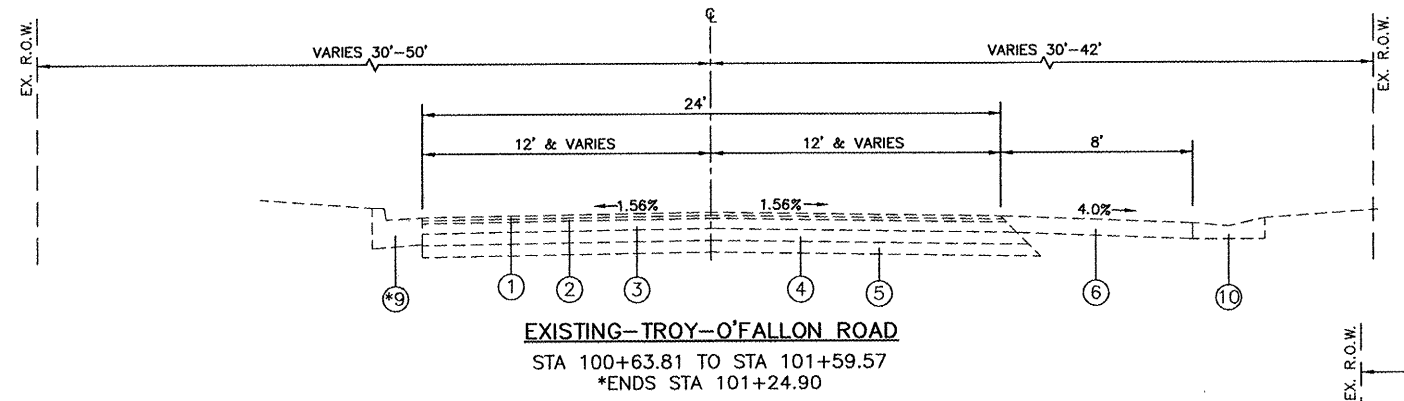
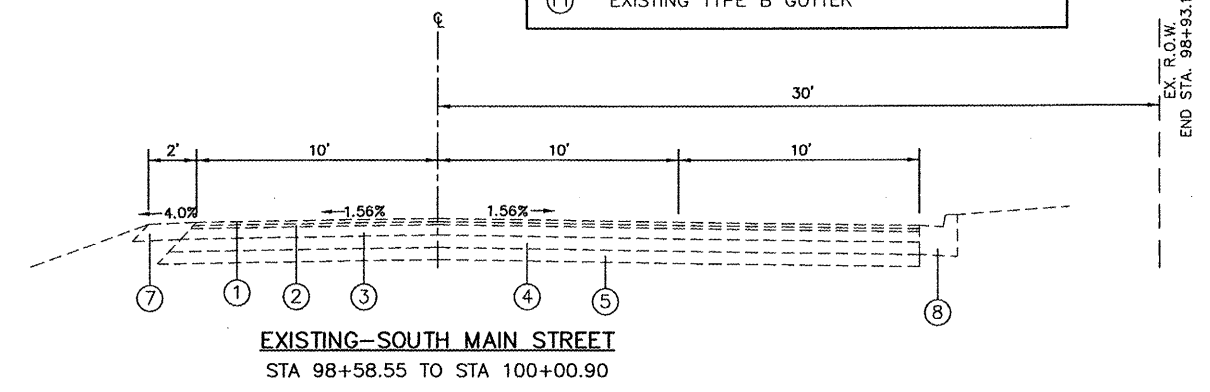
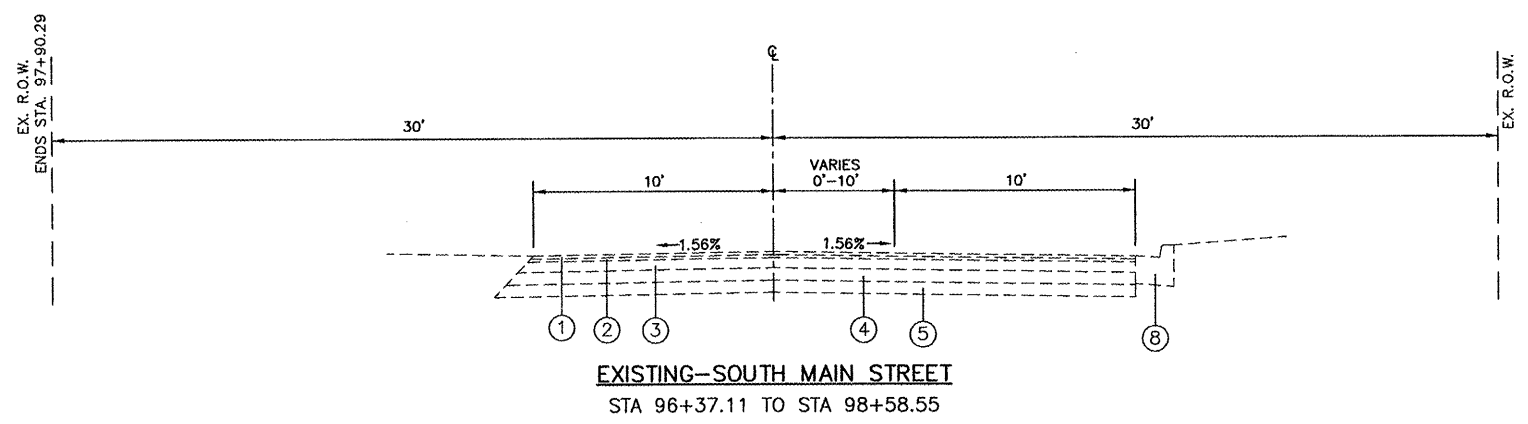
EXISTING CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL	MADISON	135	11
EXISTING TROY-O'FALLON ROAD				

CONTRACT NO. 97352

- LEGEND**
- ① EXISTING BITUMINOUS SURFACE COURSE, 1.5"
 - ② EXISTING BITUMINOUS BINDER COURSE, 1.5"
 - ③ EXISTING BITUMINOUS CONCRETE, 5"
 - ④ EXISTING CRUSHED STONE BASE COURSE, 6"
 - ⑤ EXISTING SUB-BASE GRANULAR MATERIAL, 6"
 - ⑥ EXISTING BITUMINOUS SHOULDER, 6"
 - ⑦ EXISTING AGGREGATE SHOULDER, 6"
 - ⑧ EXISTING TYPE B-6.12 C&G
 - ⑨ EXISTING TYPE B-6.18 C&G
 - ⑩ EXISTING TYPE A GUTTER
 - ⑪ EXISTING TYPE B GUTTER



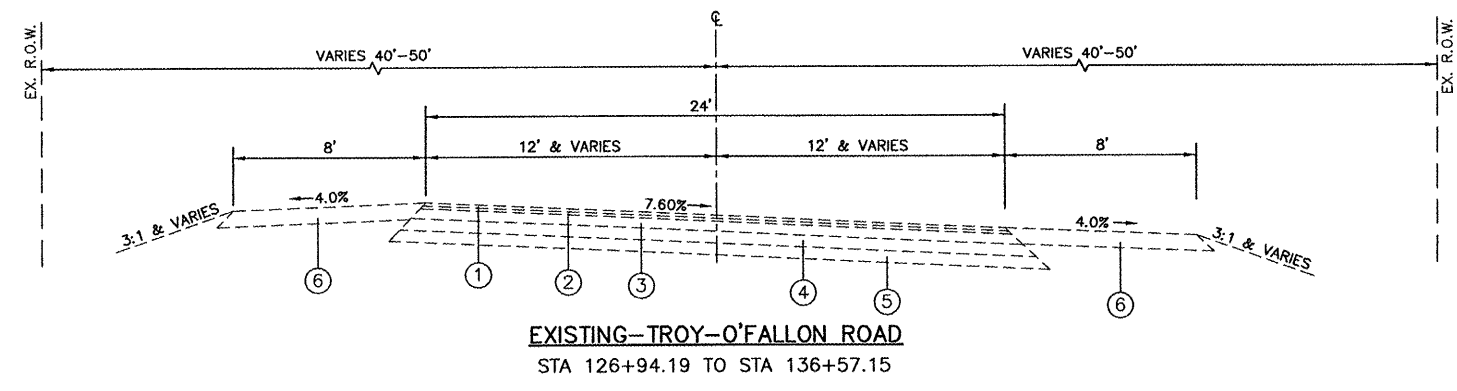
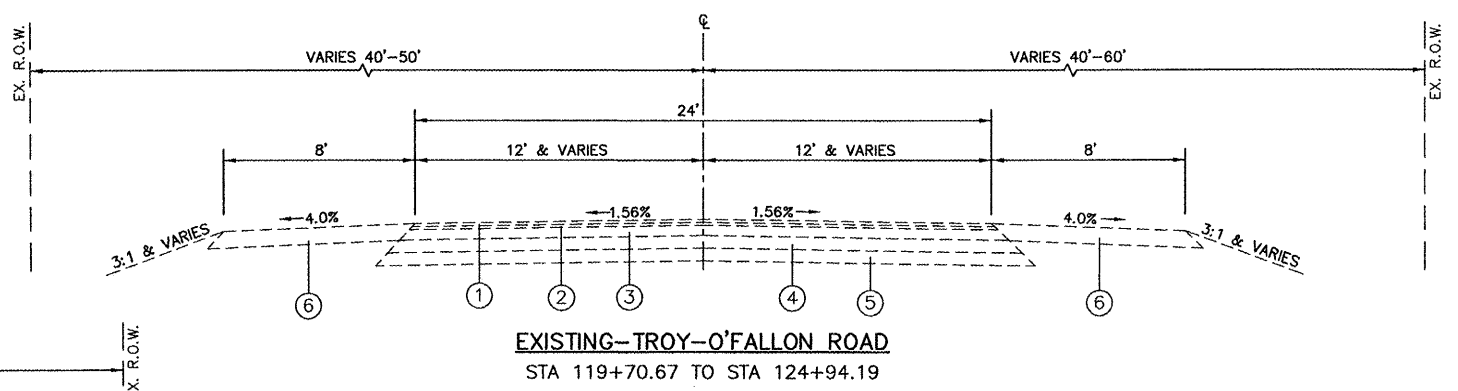
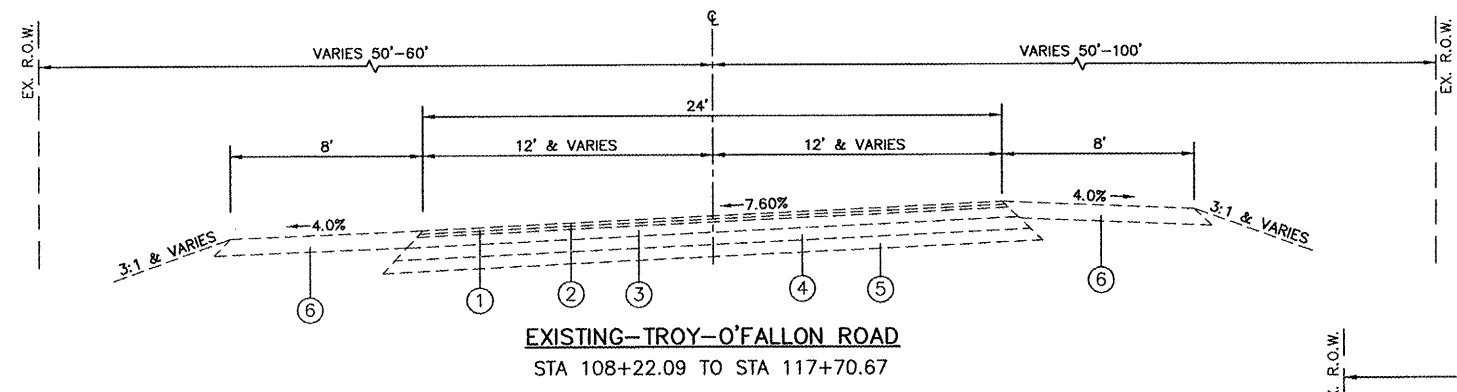
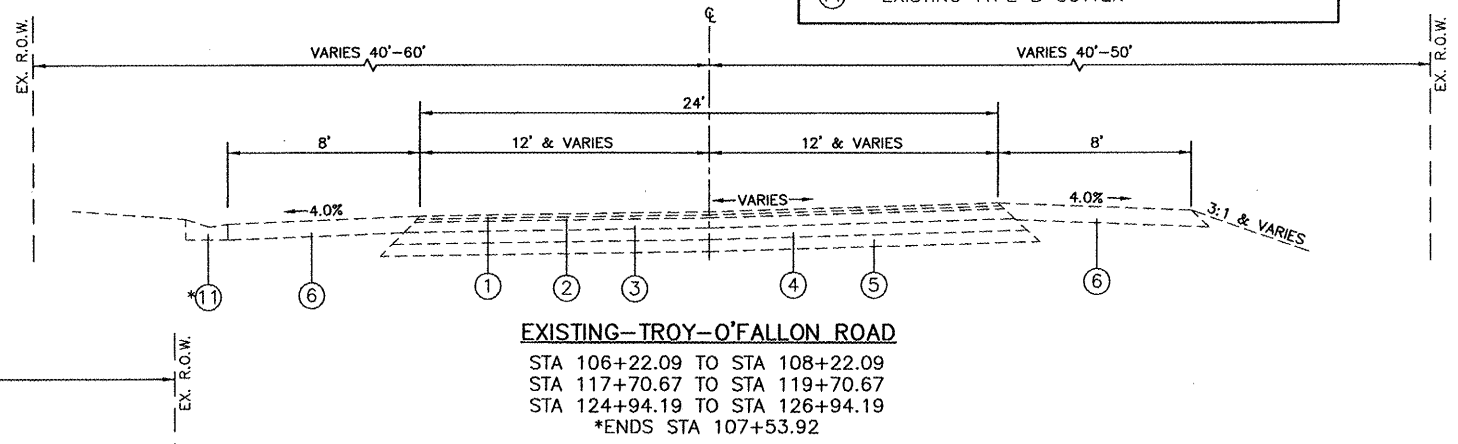
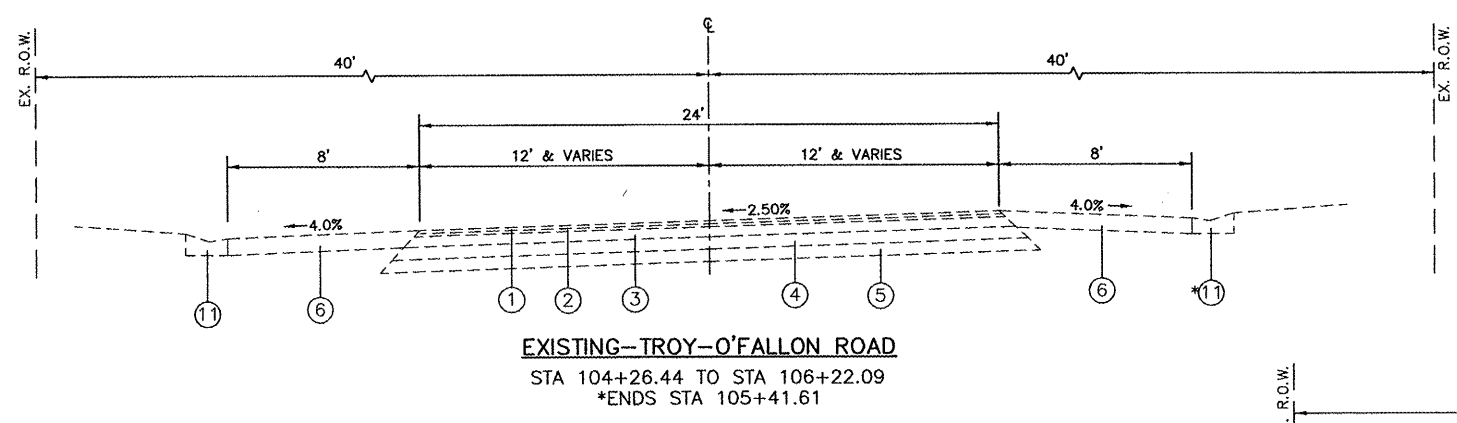
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REVISIONS	
NAME	DATE

EXISTING CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

- LEGEND**
- ① EXISTING BITUMINOUS SURFACE COURSE, 1.5"
 - ② EXISTING BITUMINOUS BINDER COURSE, 1.5"
 - ③ EXISTING BITUMINOUS CONCRETE, 5"
 - ④ EXISTING CRUSHED STONE BASE COURSE, 6"
 - ⑤ EXISTING SUB-BASE GRANULAR MATERIAL, 6"
 - ⑥ EXISTING BITUMINOUS SHOULDER, 6"
 - ⑦ EXISTING AGGREGATE SHOULDER, 6"
 - ⑧ EXISTING TYPE B-6.12 C&G
 - ⑨ EXISTING TYPE B-6.18 C&G
 - ⑩ EXISTING TYPE A GUTTER
 - ⑪ EXISTING TYPE B GUTTER



REVISIONS	
NAME	DATE

EXISTING CONDITIONS
 TYPICAL SECTIONS

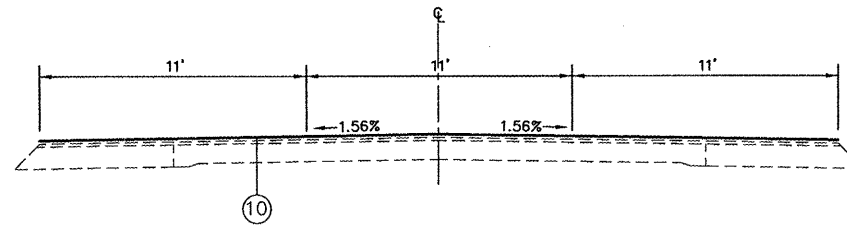
US 40 AND
 TROY-O'FALLON ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

JOB NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-TL 07-00025-01-WR	MADISON	135	14
PROPOSED US 40				

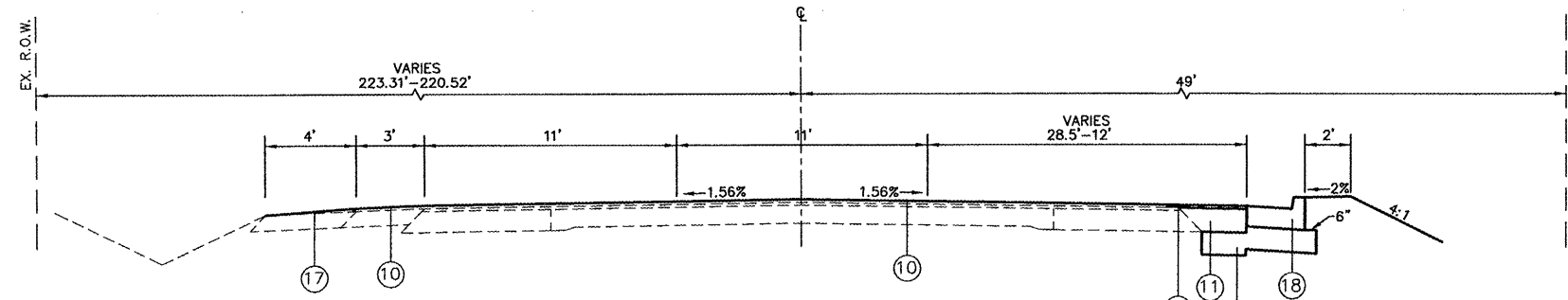
CONTRACT NO. 97352

LEGEND

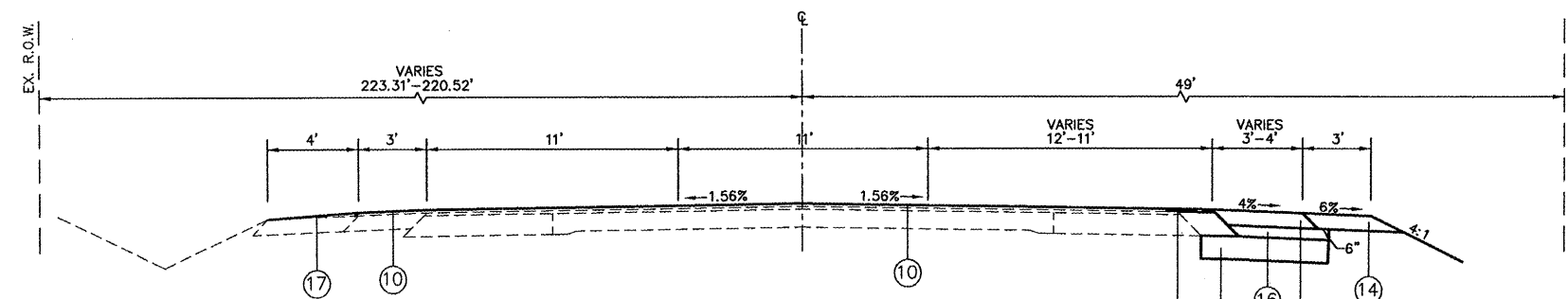
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
- ⑪ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 12.5"
- ⑫ PROPOSED PROCESSING MODIFIED SOIL, 12"
- ⑬ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑭ PROPOSED AGGREGATE SHOULDER, TYPE A, 6"
- ⑮ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 5"
- ⑯ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 6"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED TYPE B-6.24 C&G
- ⑲ PROPOSED TYPE A GUTTER
- ⑳ PROPOSED TYPE B GUTTER
- ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉒ PROPOSED CONCRETE BARRIER WALL (SPECIAL)



PROPOSED-US 40
STA. 244+37.71 TO STA. 245+57.64
(SOUTH MAIN STREET/TROY-O'FALLON ROAD)



PROPOSED-US 40
STA. 245+57.64 TO STA. 246+53.28



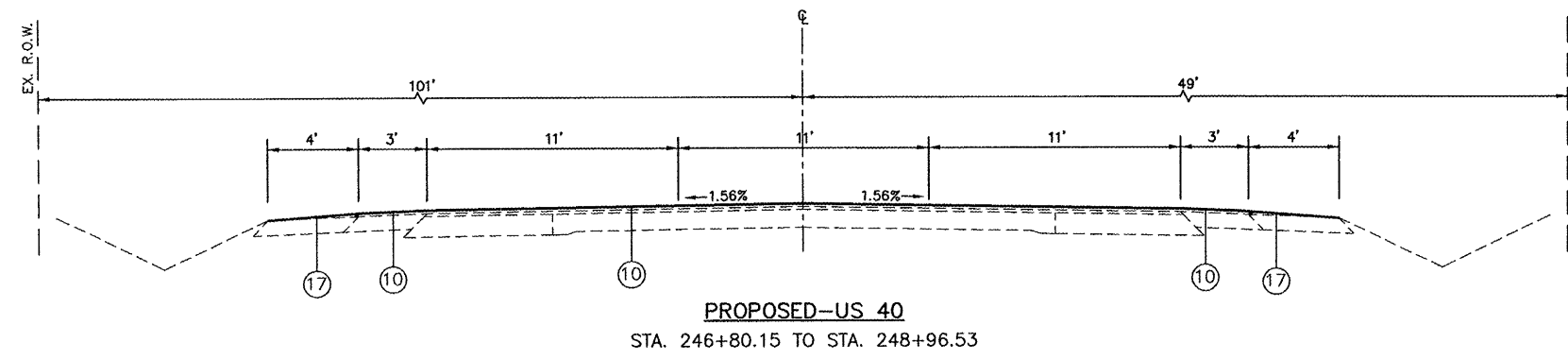
PROPOSED-US 40
STA. 246+53.28 TO STA. 246+80.15

REVISIONS	
NAME	DATE

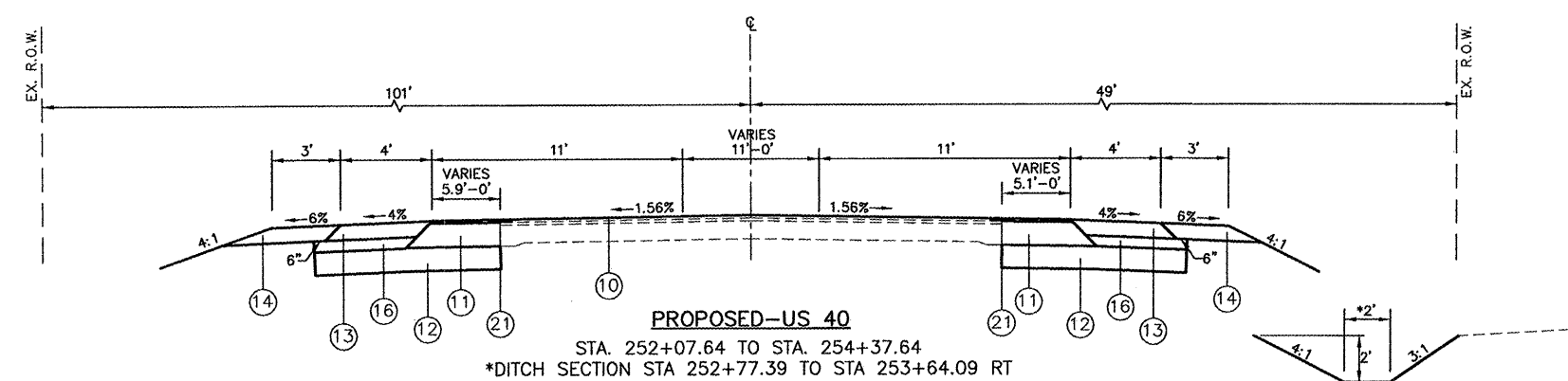
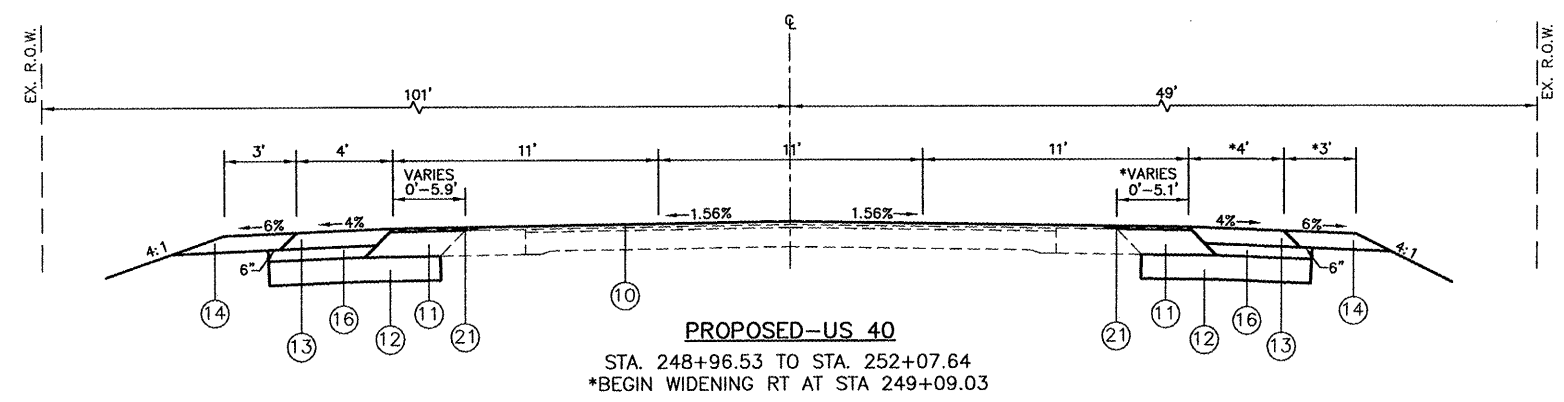
PROPOSED CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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- LEGEND**
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
 - ⑪ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 12.5"
 - ⑫ PROPOSED PROCESSING MODIFIED SOIL, 12"
 - ⑬ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
 - ⑭ PROPOSED AGGREGATE SHOULDER, TYPE A, 6"
 - ⑮ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 5"
 - ⑯ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 6"
 - ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑱ PROPOSED TYPE B-6.24 C&G
 - ⑲ PROPOSED TYPE A GUTTER
 - ⑳ PROPOSED TYPE B GUTTER
 - ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ㉒ PROPOSED CONCRETE BARRIER WALL (SPECIAL)



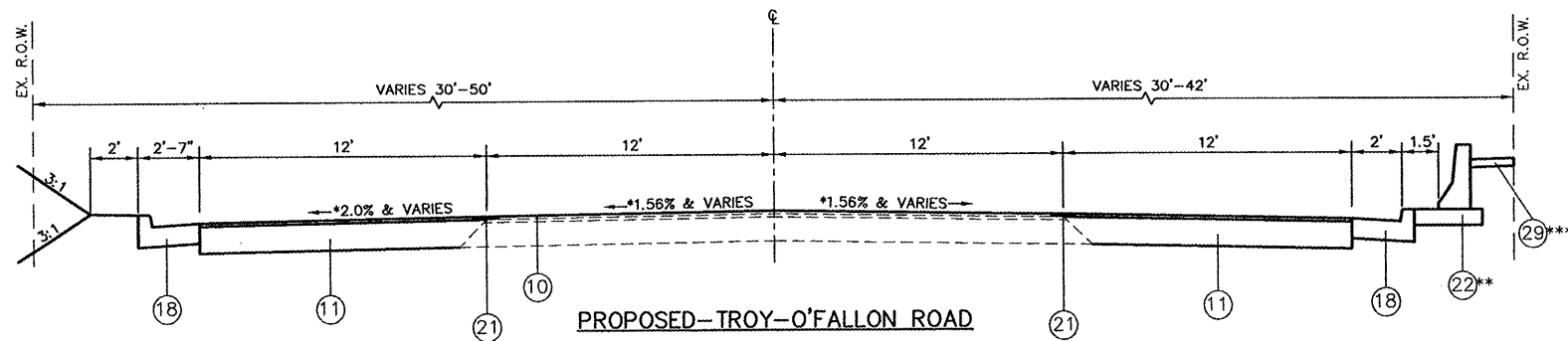
REVISIONS	
NAME	DATE

PROPOSED CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

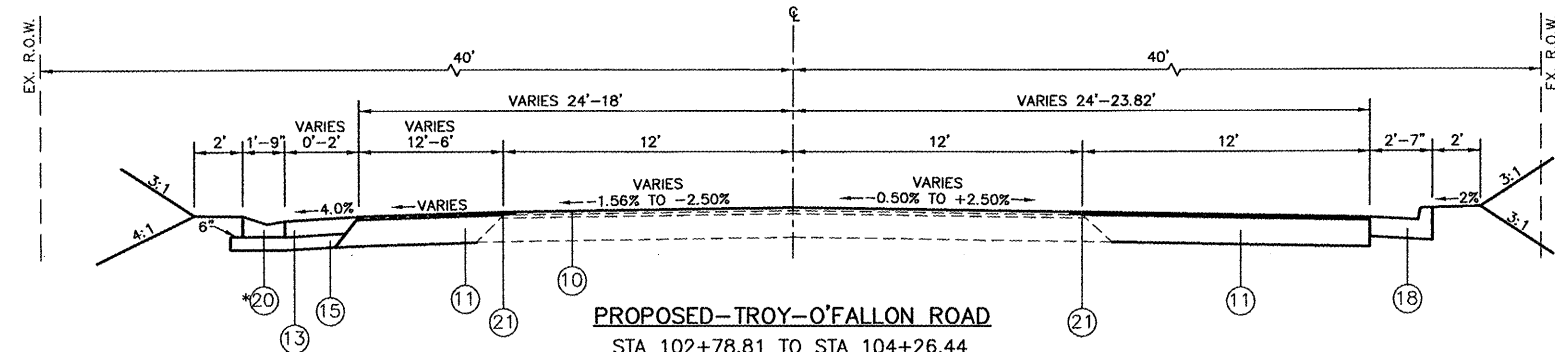
FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-TL 07-00025-01-WR	MADISON	135	16

PROPOSED TROY-O'FALLON ROAD
CONTRACT NO. 97352



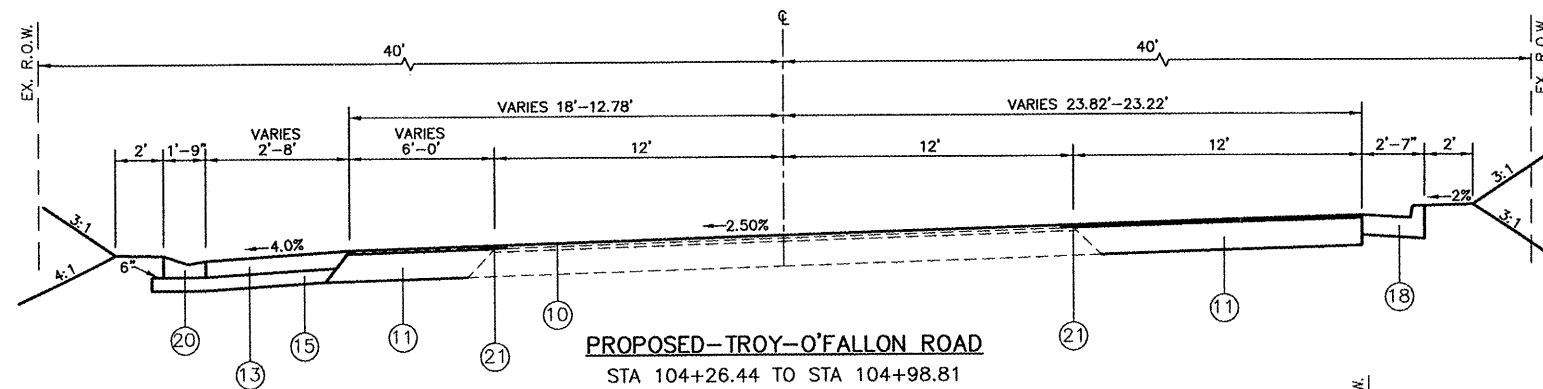
PROPOSED-TROY-O'FALLON ROAD

STA 100+61.83 TO STA 102+78.81
*BEGIN SUPERELEVATION TRANSITION STA 102+26.44
**FROM STA 100+88.51 RT TO STA 101+59.91 RT
***FROM STA 101+12.97 RT TO STA 101+52.78 RT



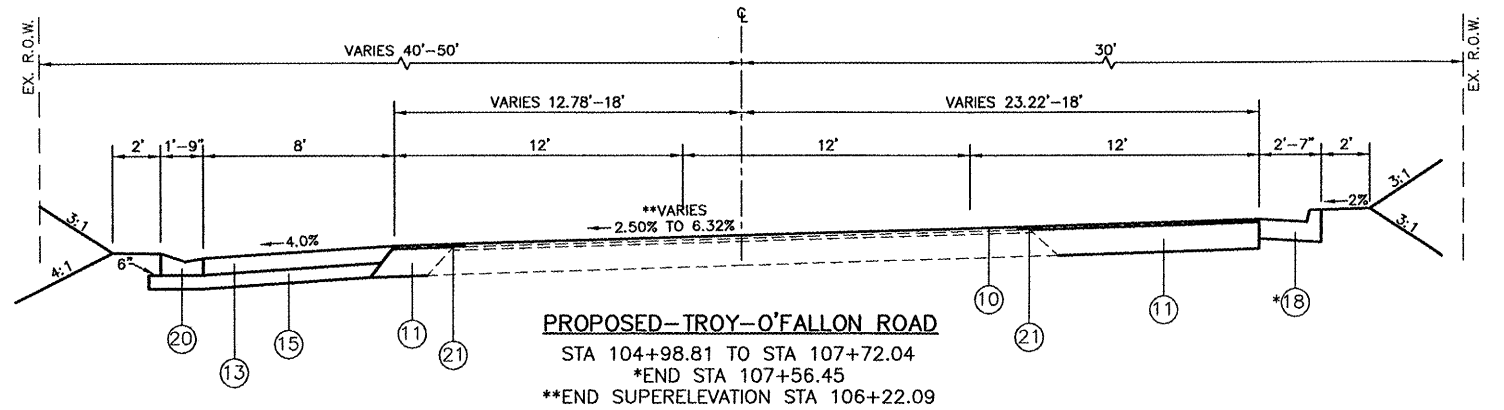
PROPOSED-TROY-O'FALLON ROAD

STA 102+78.81 TO STA 104+26.44
*BEGIN TYPE B CURB STA 104+05.54



PROPOSED-TROY-O'FALLON ROAD

STA 104+26.44 TO STA 104+98.81



PROPOSED-TROY-O'FALLON ROAD

STA 104+98.81 TO STA 107+72.04
*END STA 107+56.45
**END SUPERELEVATION STA 106+22.09

LEGEND

- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
- ⑪ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.75"
- ⑫ PROPOSED PROCESSING MODIFIED SOIL, 12"
- ⑬ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑭ PROPOSED AGGREGATE SHOULDER, TYPE A, 6"
- ⑮ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 5"
- ⑯ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 6"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED TYPE B-6.24 C&G
- ⑲ PROPOSED TYPE A GUTTER
- ⑳ PROPOSED TYPE B GUTTER
- ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉒ PROPOSED CONCRETE BARRIER WALL (SPECIAL)
- ㉓ PROPOSED CONCRETE MEDIAN SURFACE, 4"

REVISIONS	
NAME	DATE

PROPOSED CONDITIONS
TYPICAL SECTIONS

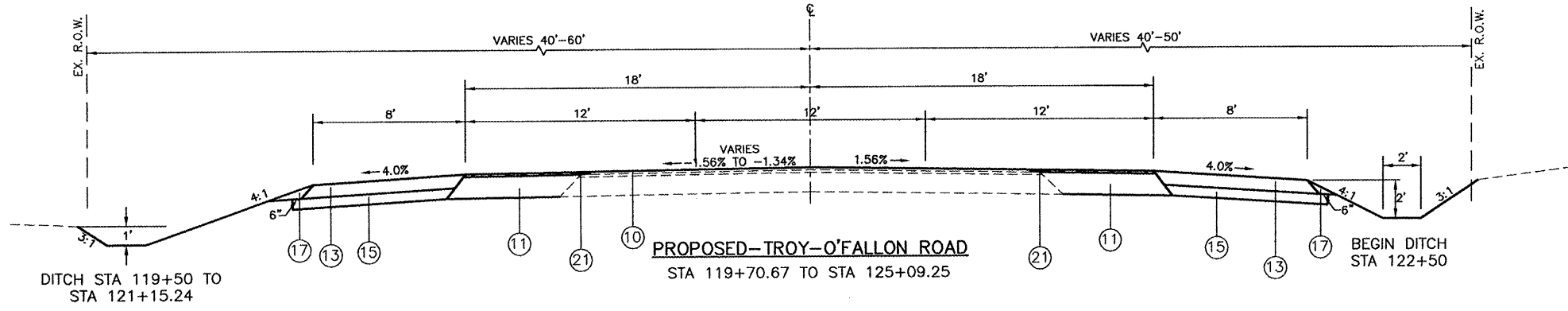
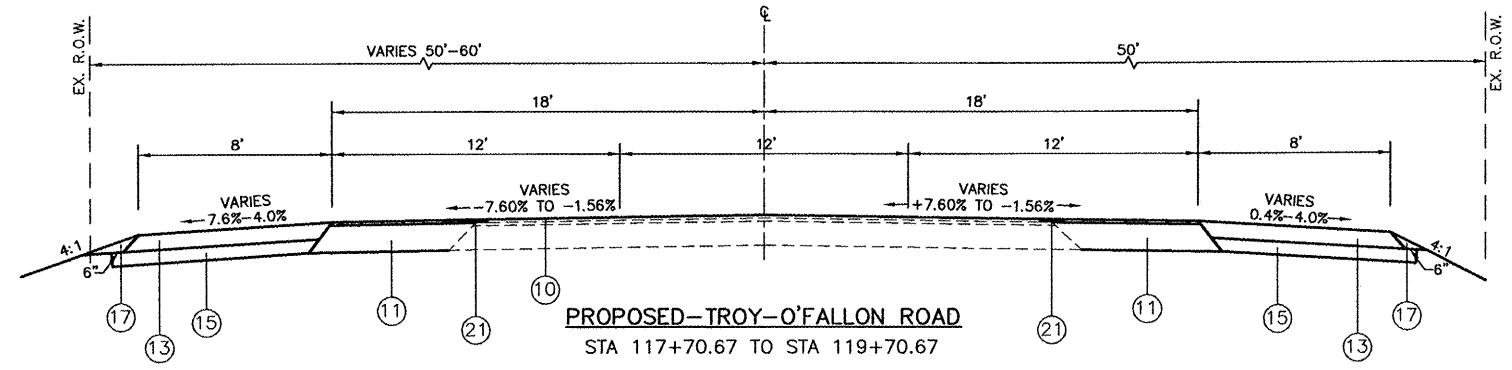
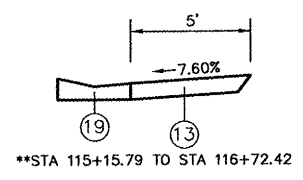
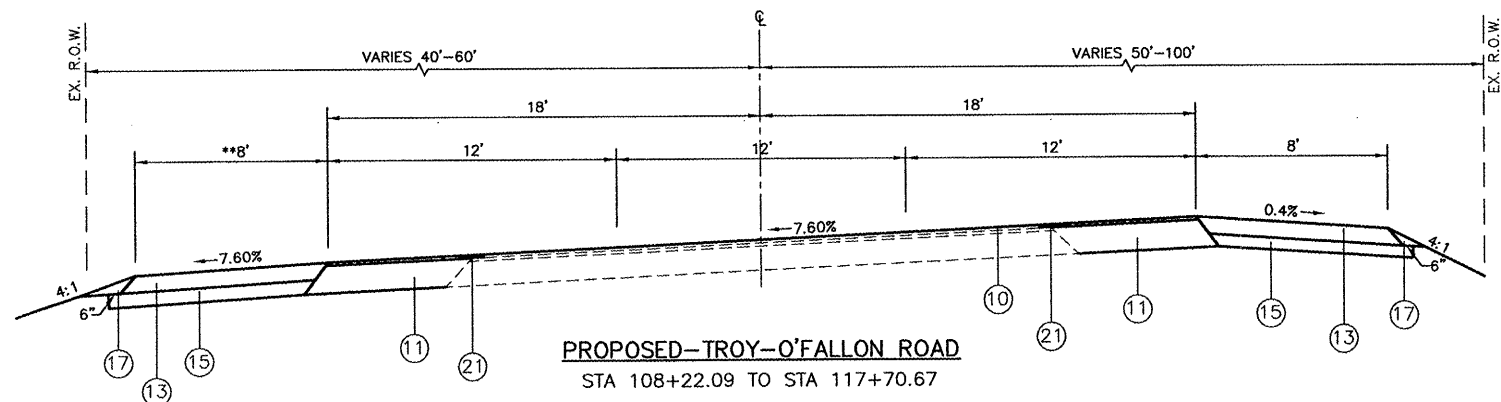
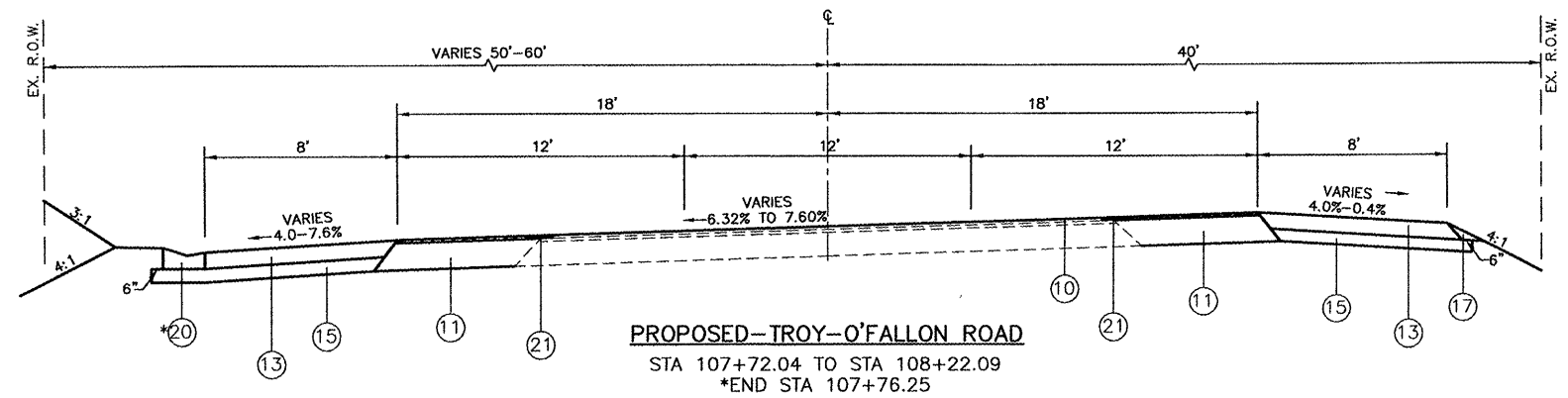
US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL	MADISON	135	17
9392 07-00025-01-WR				
PROPOSED TROY-O'FALLON ROAD				

CONTRACT NO. 97352

- LEGEND**
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
 - ⑪ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.75"
 - ⑫ PROPOSED PROCESSING MODIFIED SOIL, 12"
 - ⑬ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
 - ⑭ PROPOSED AGGREGATE SHOULDER, TYPE A, 6"
 - ⑮ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 5"
 - ⑯ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 6"
 - ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
 - ⑱ PROPOSED TYPE B-6.24 C&G
 - ⑲ PROPOSED TYPE A GUTTER
 - ⑳ PROPOSED TYPE B GUTTER
 - ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ㉒ PROPOSED CONCRETE BARRIER WALL (SPECIAL)



REVISIONS	
NAME	DATE

PROPOSED CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

050162TYP01.dwg 11/04/2008 9:45am

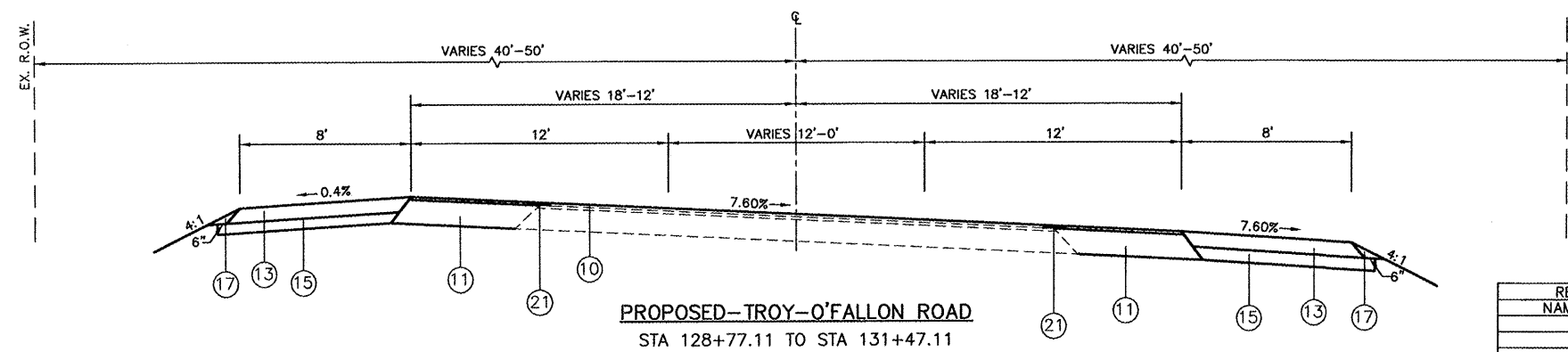
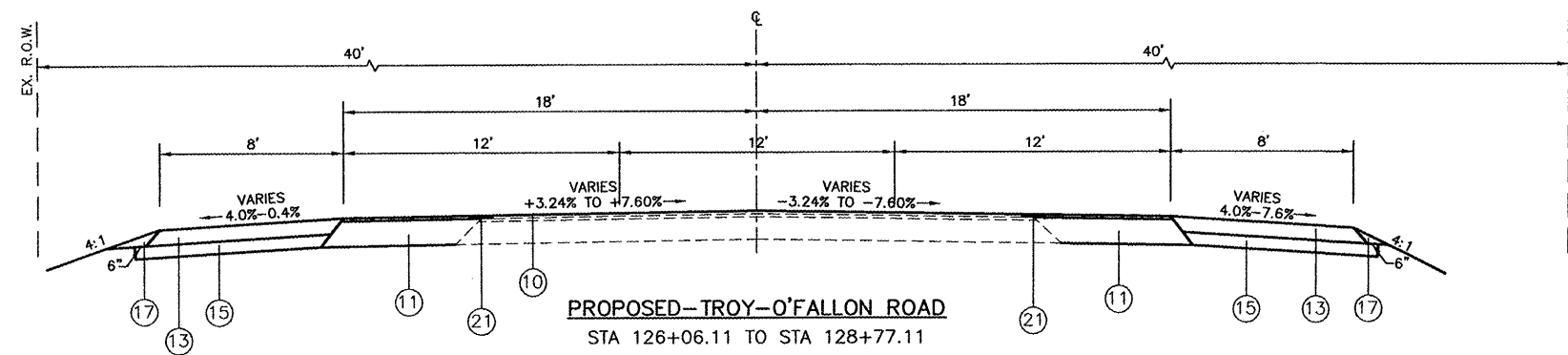
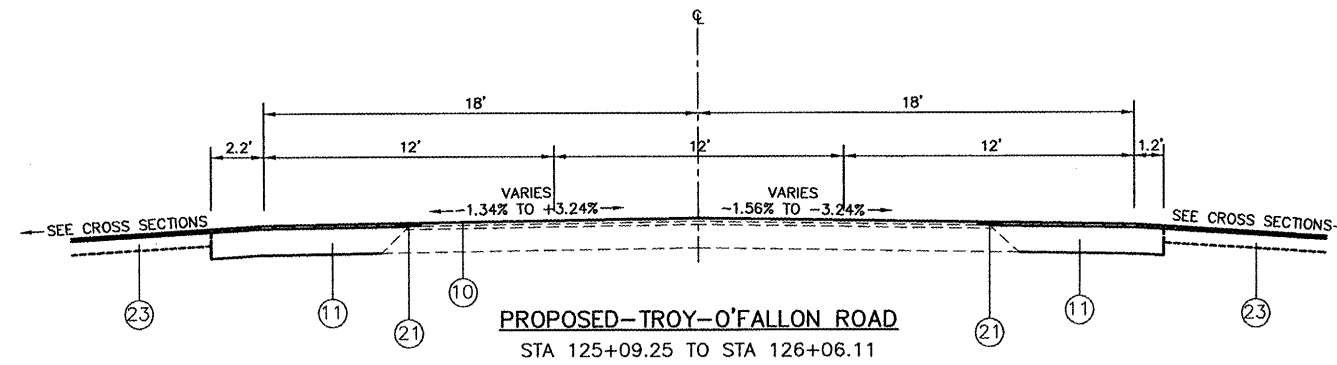
FAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
733 9392	08-00025-00-TL 07-00025-01-WB	MADISON	135	18

PROPOSED TROY-O'FALLON ROAD

CONTRACT NO. 97352

LEGEND

- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
- ⑪ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.75"
- ⑫ PROPOSED PROCESSING MODIFIED SOIL, 12"
- ⑬ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑭ PROPOSED AGGREGATE SHOULDER, TYPE A, 6"
- ⑮ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 5"
- ⑯ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE C 6"
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED TYPE B-6.24 C&G
- ⑲ PROPOSED TYPE A GUTTER
- ⑳ PROPOSED TYPE B GUTTER
- ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ㉒ PROPOSED CONCRETE BARRIER WALL (SPECIAL)
- ㉓ EXISTING PCC PAVEMENT, 7" (USE IN PLACE)



REVISIONS	
NAME	DATE

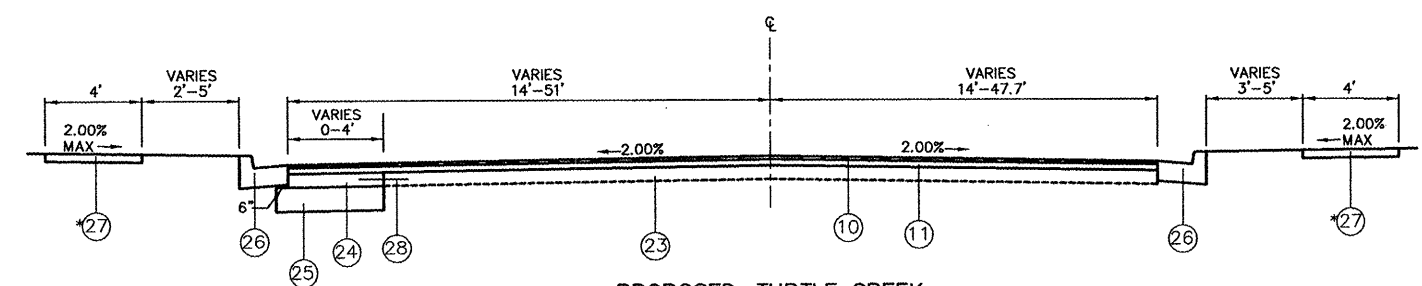
PROPOSED CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

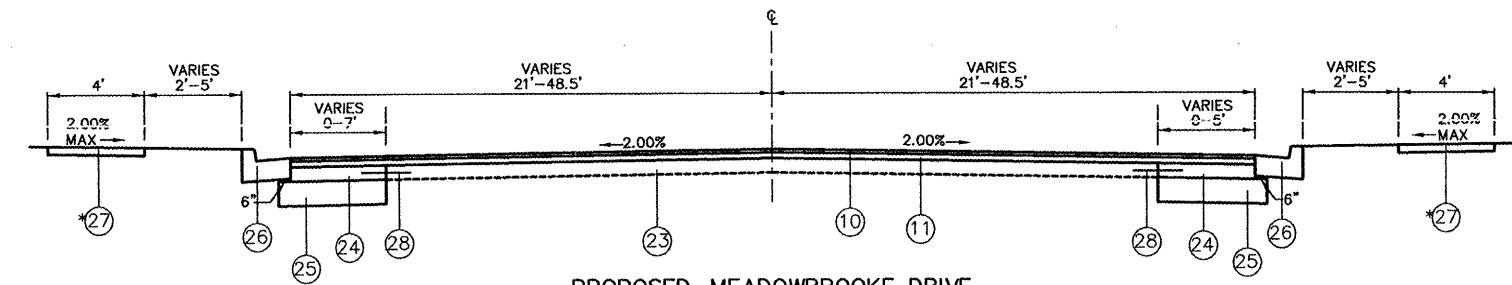
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793 9392	05-00025-00-TL 07-00025-01-WR	MADISON	135	19

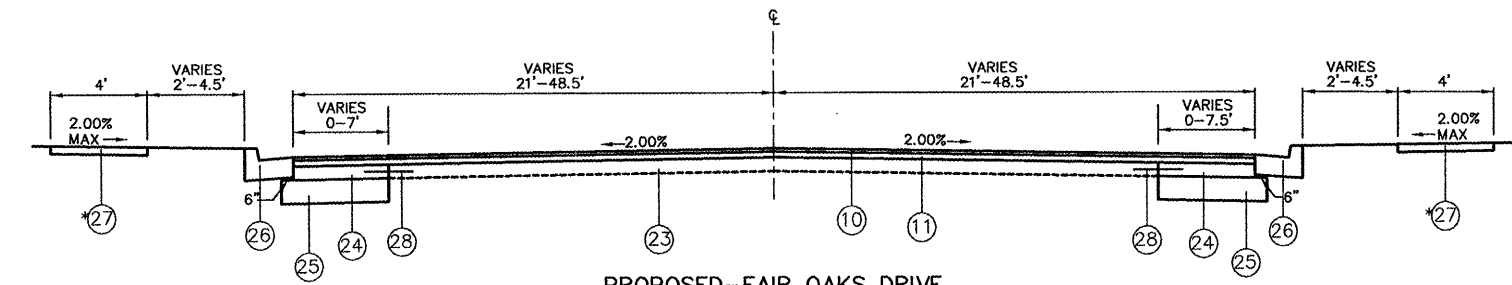
PROPOSED SUB-DIVISION ENTRANCES
CONTRACT NO. 97352



PROPOSED-TURTLE CREEK
STA 9+17.29 TO 9+82.00
*SIDEWALK LOCATIONS AS SHOWN ON THE PLANS



PROPOSED-MEADOWBROOKE DRIVE
STA 9+42.12 TO 9+82.00
*SIDEWALK LOCATIONS AS SHOWN ON THE PLANS



PROPOSED-FAIR OAKS DRIVE
STA 10+18.00 TO 10+62.05
*SIDEWALK LOCATIONS AS SHOWN ON THE PLANS

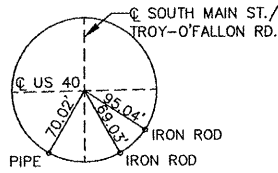
LEGEND	
⑩	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"
⑪	PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH
⑬	EXISTING PCC PAVEMENT, 7" (USE IN PLACE)
⑭	PROPOSED PCC BASE COURSE WIDENING, 7"
⑮	PROPOSED AGGREGATE BASE COURSE, TYPE B 12"
⑯	PROPOSED TYPE B-6.18 C&G
⑰	PROPOSED PCC SIDEWALK, 4"
⑱	PROPOSED NO. 6 24" EPOXY COATED TIE BARS AT 24" CENTERS (INCIDENTAL TO PCC BASE COURSE, 7") (SEE STD. 420001-07)

REVISIONS	
NAME	DATE

PROPOSED CONDITIONS
TYPICAL SECTIONS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

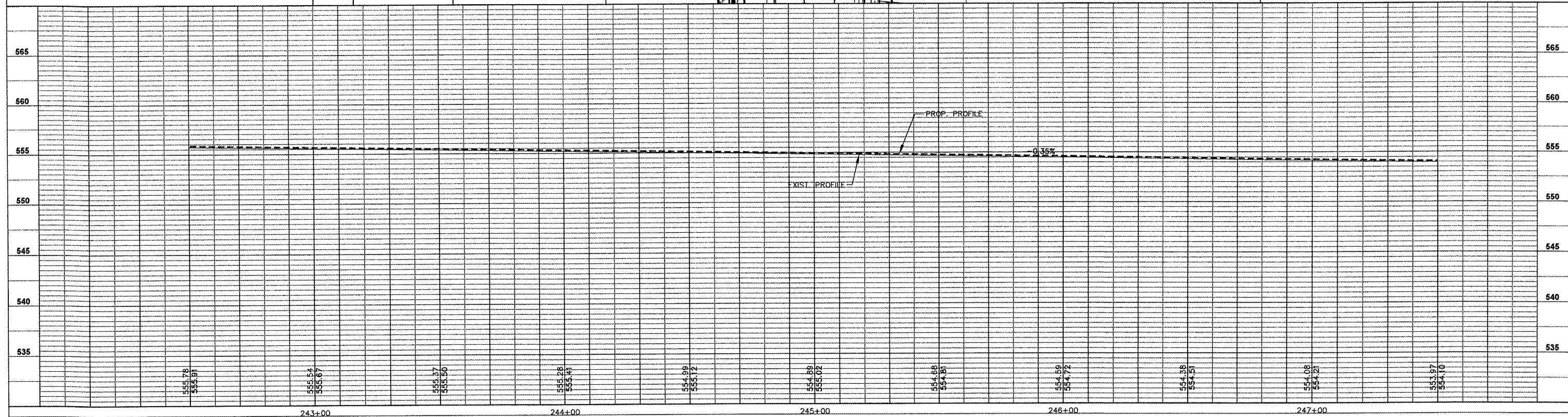
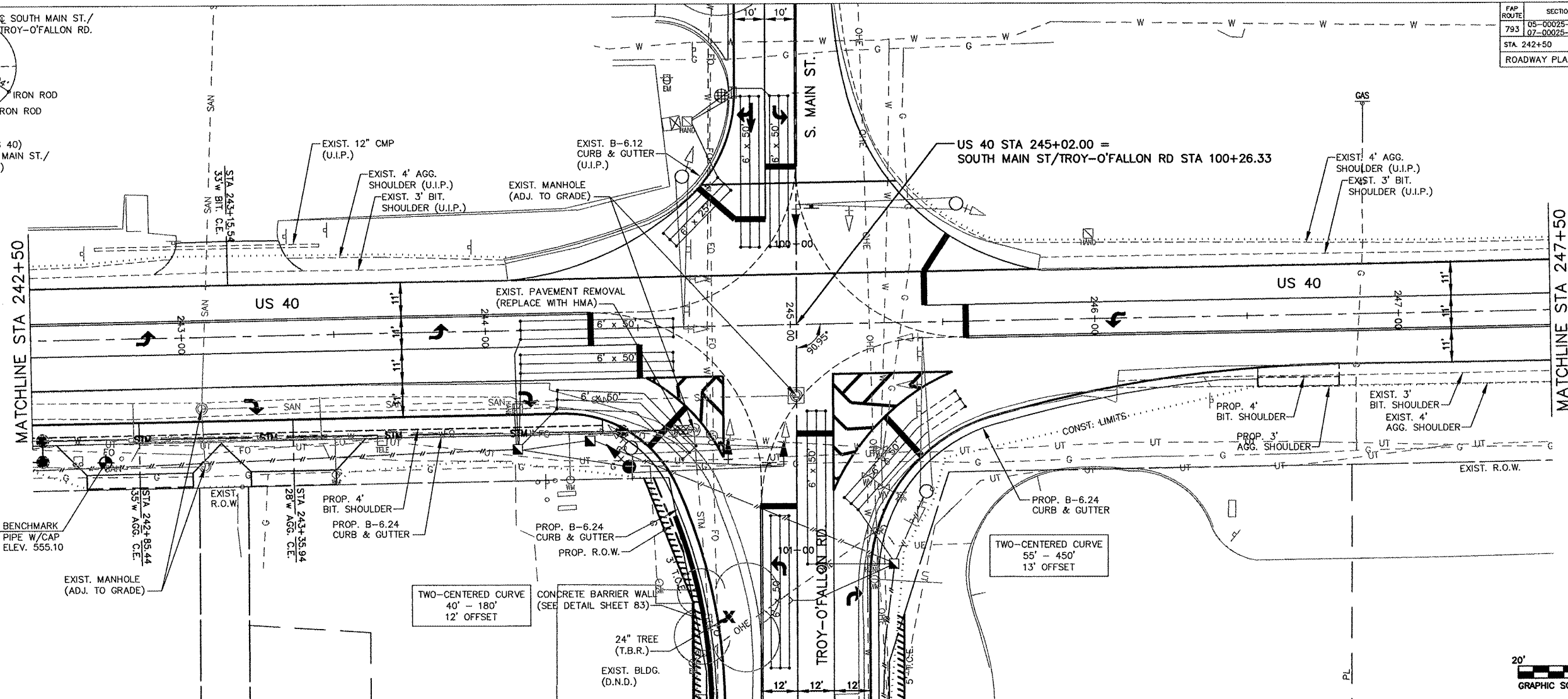
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TIE POINT
 STA 245+02.00 (US 40)
 STA 100+26.33 (S. MAIN ST./
 TROY-O'FALLON RD.)

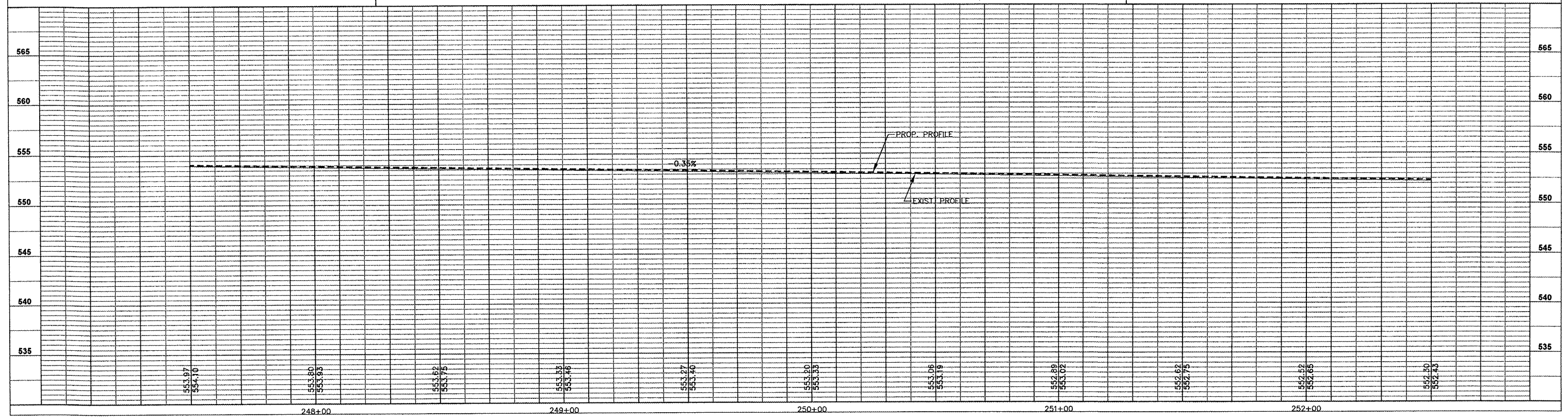
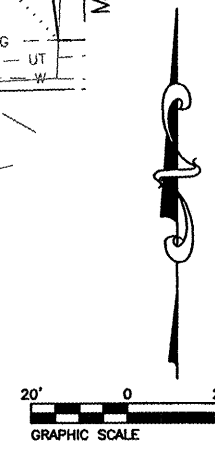
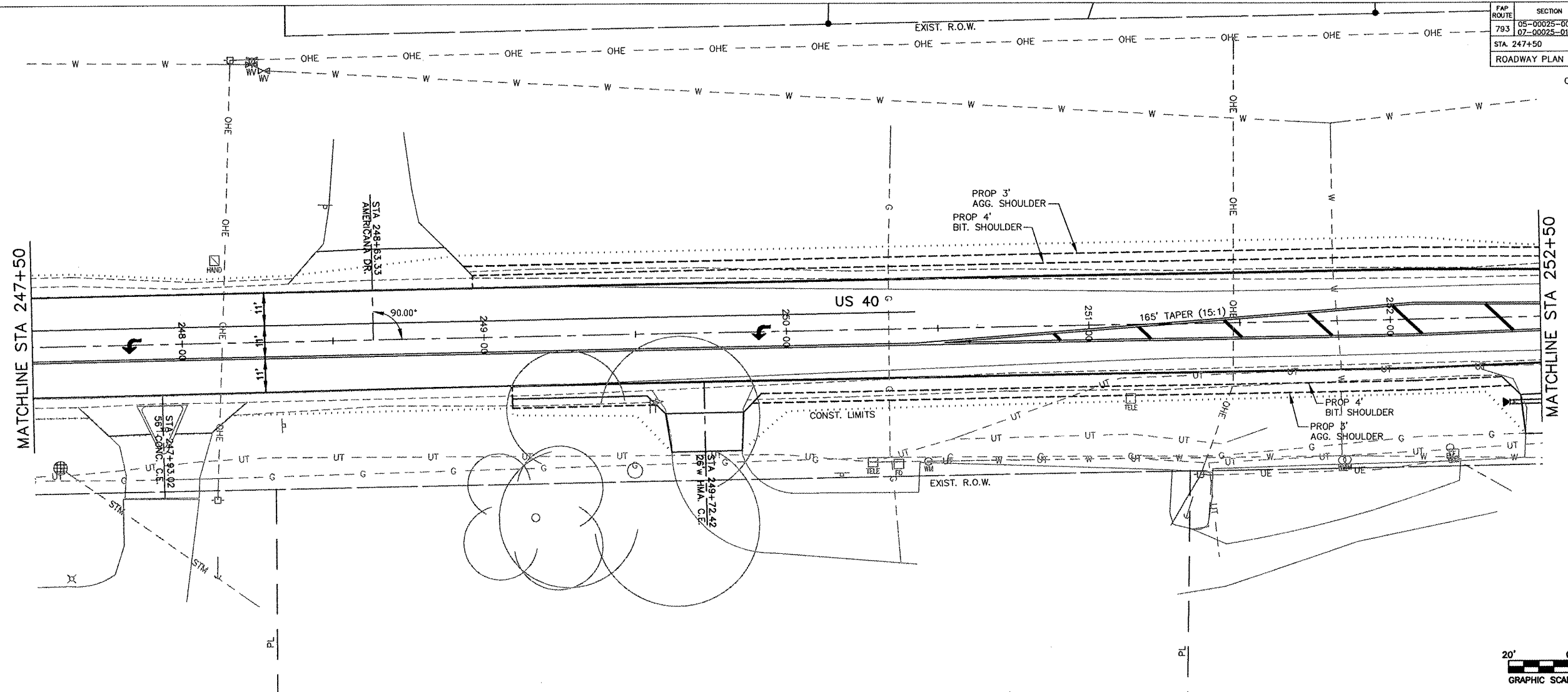
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-1L 07-00025-01-WR	MADISON	135	21
STA. 242+50		TO STA. 247+50		

ROADWAY PLAN AND PROFILE
 CONTRACT NO. 97352



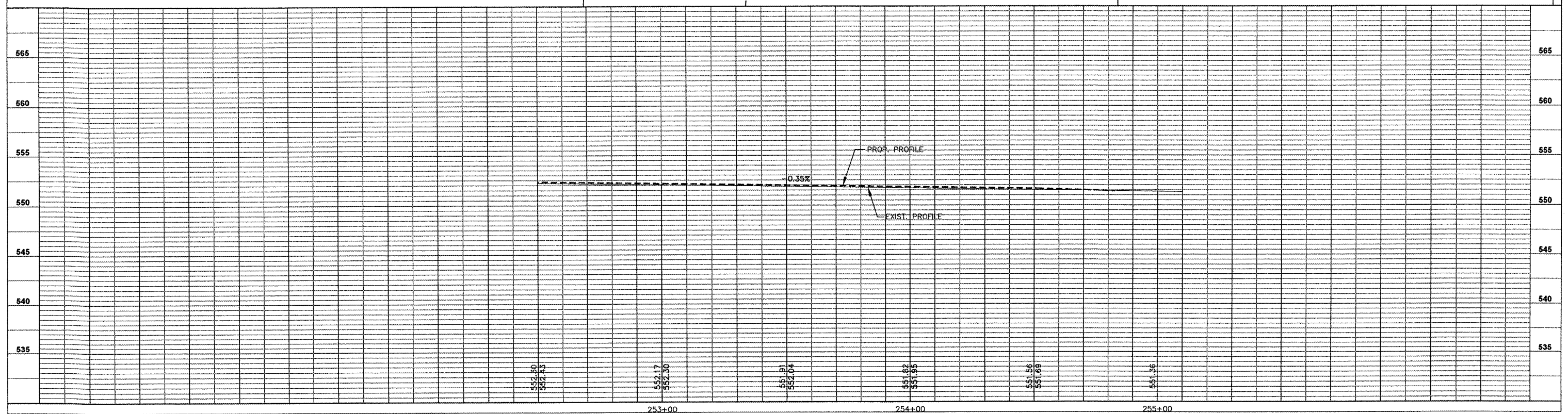
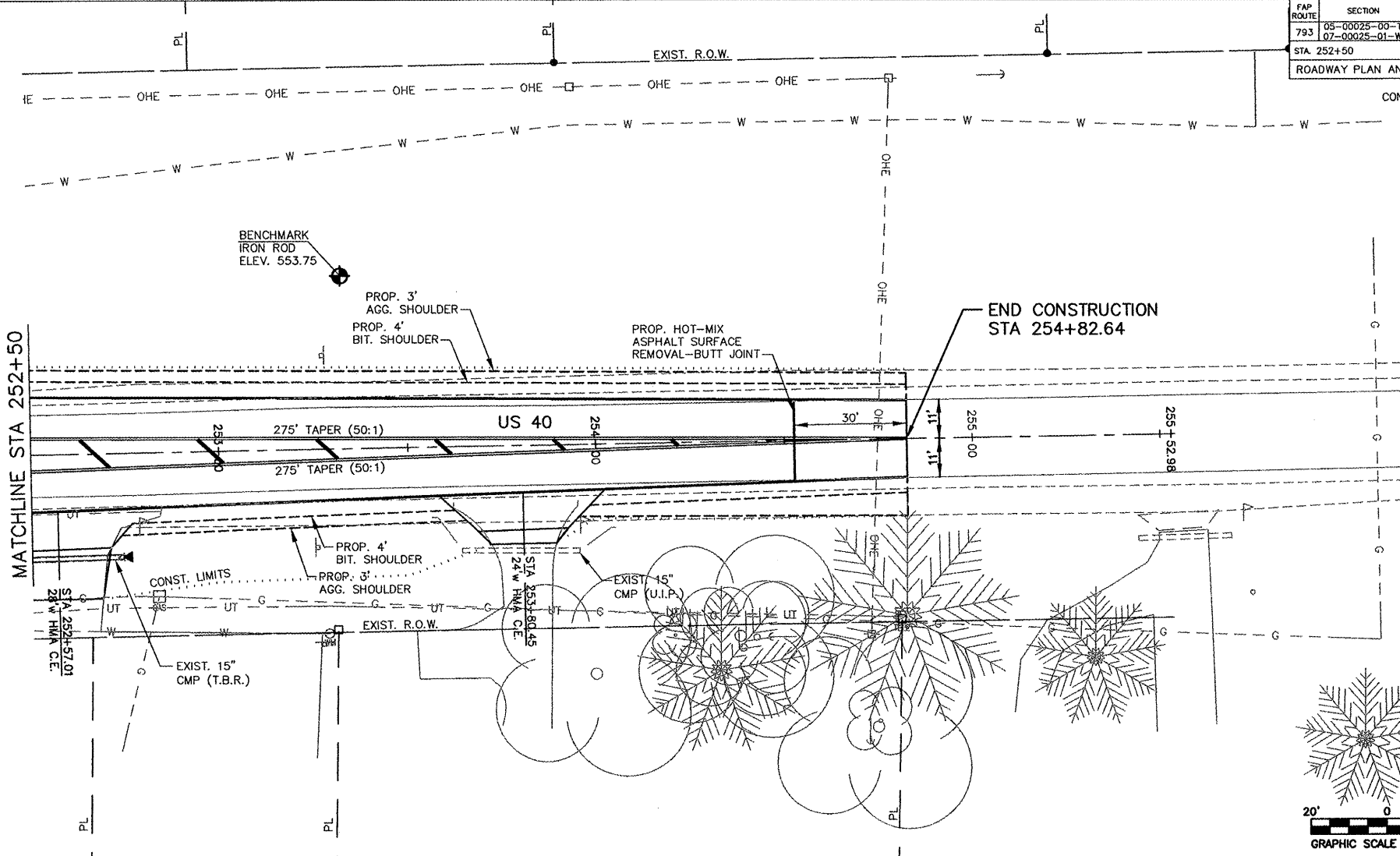
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	22
STA. 247+50		TO STA. 252+50		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352



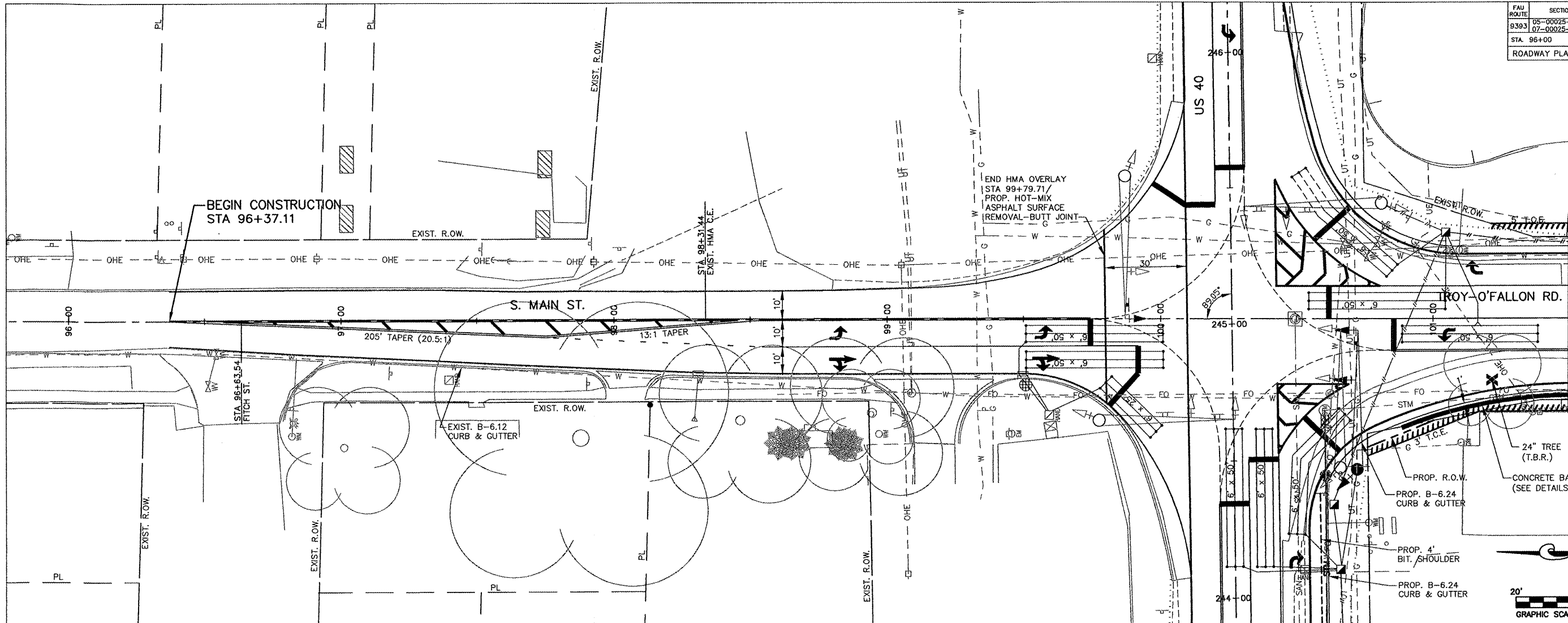
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-1L 07-00025-01-WR	MADISON	135	23
STA. 252+50		TO STA. 254+82.64		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352

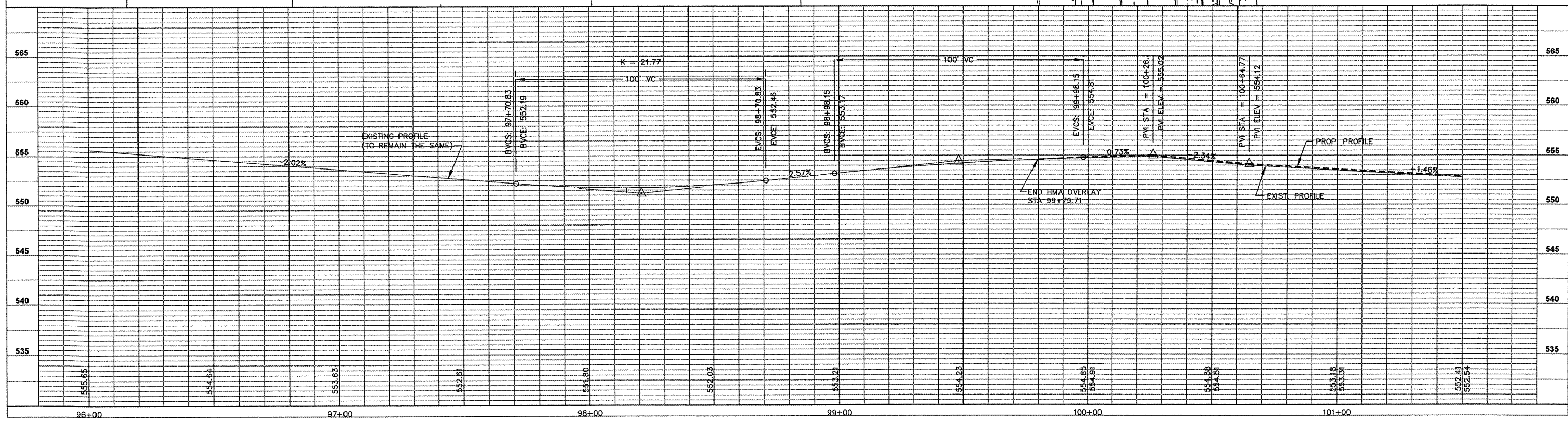
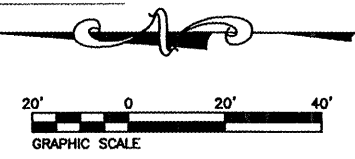


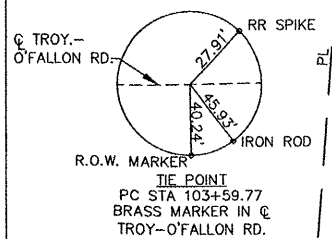
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	24
STA. 96+00		TO STA. 101+50		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352



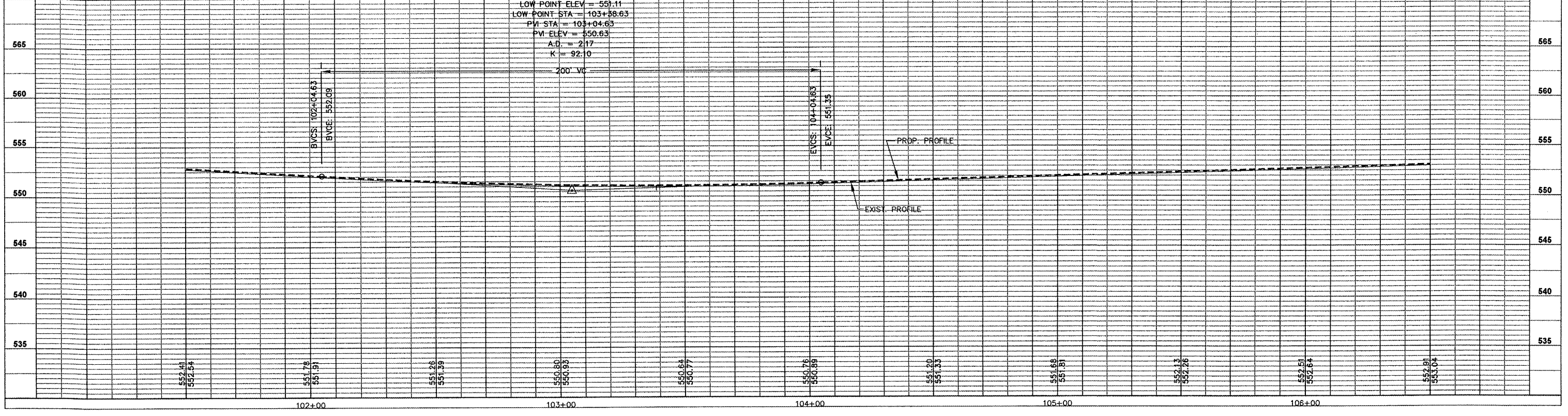
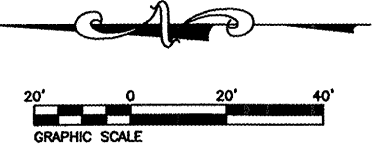
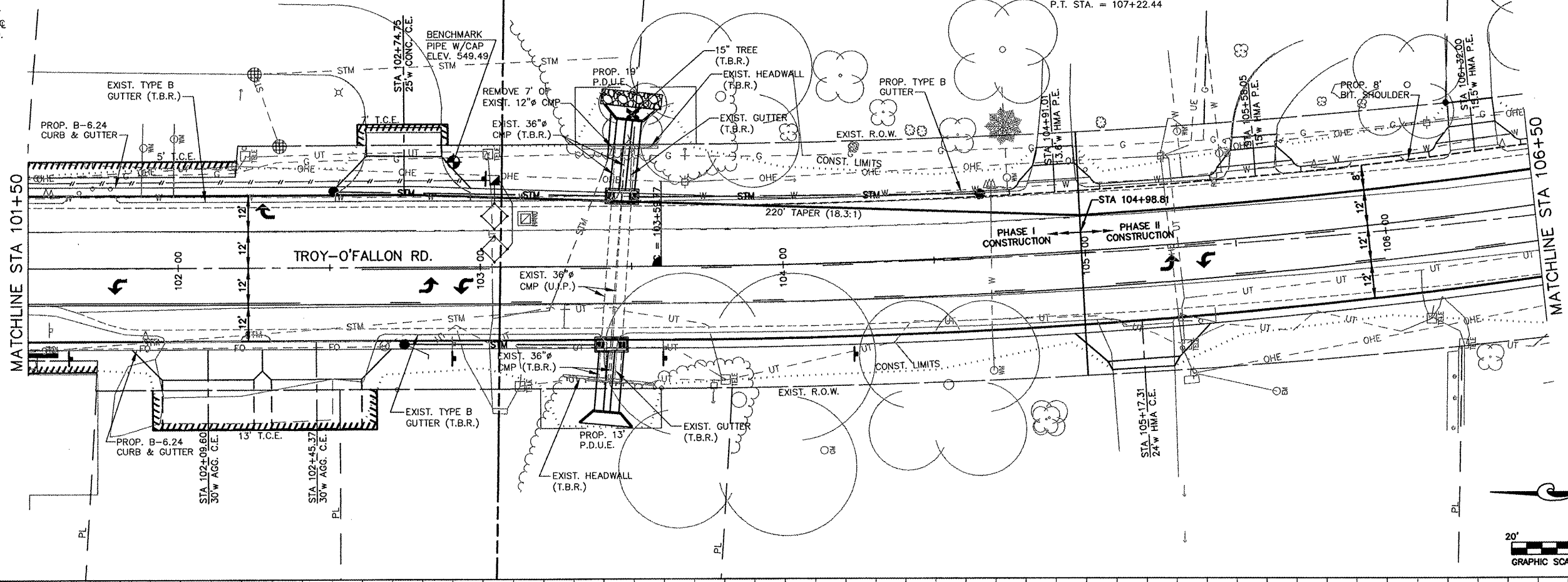
MATCHLINE STA 101+50





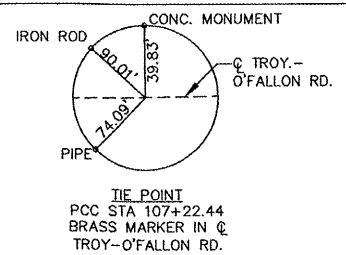
CURVE #1
 PI STA. = 105+41.37
 $\Delta = 7' 56'' 12''$ (LT)
 $D = 2' 11' 17''$
 $R = 2,618.42'$
 $T = 181.65'$
 $L = 362.71'$
 $E = 6.29'$
 P.C. STA. = 103+59.73
 P.T. STA. = 107+22.44

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-1L 07-00025-01-WR	MADISON	135	25
STA. 101+50		TO STA. 106+50		
ROADWAY PLAN AND PROFILE				
CONTRACT NO. 97352				

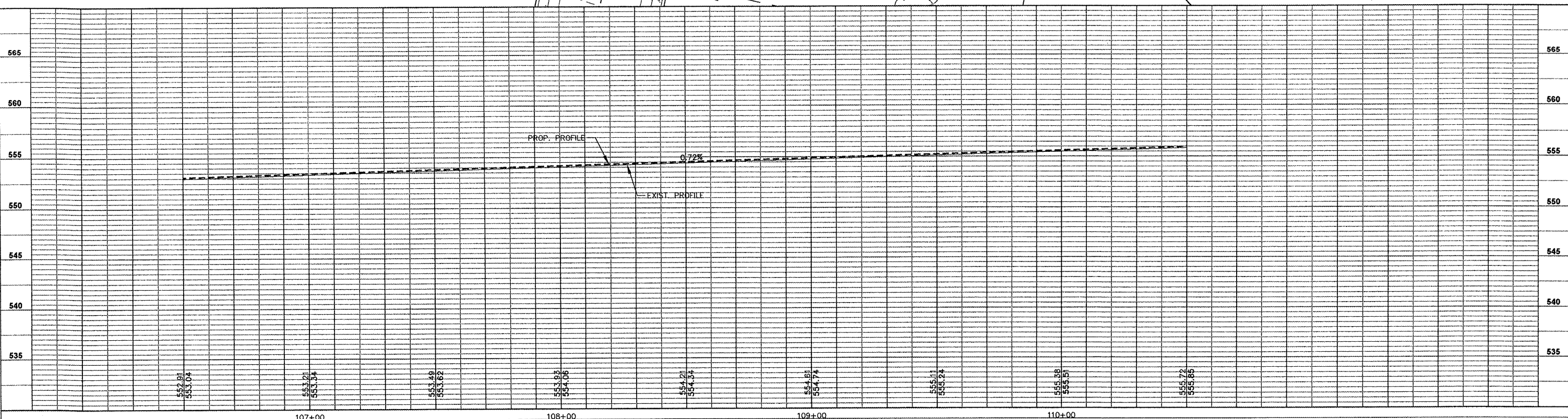
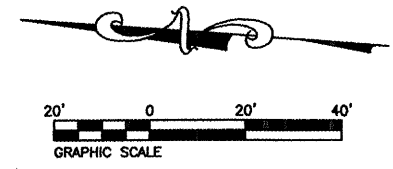
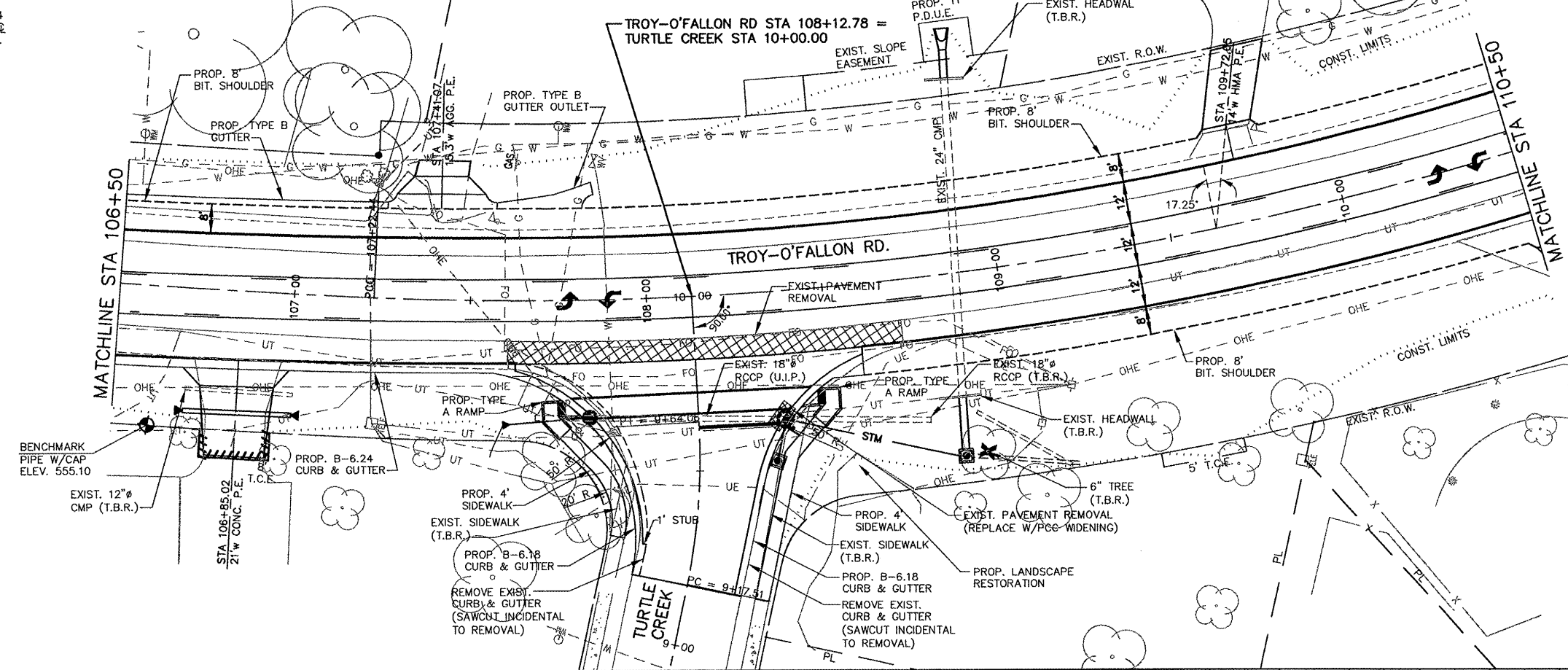


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-1L	MADISON	135	26
STA. 106+50		TO STA. 110+50		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352

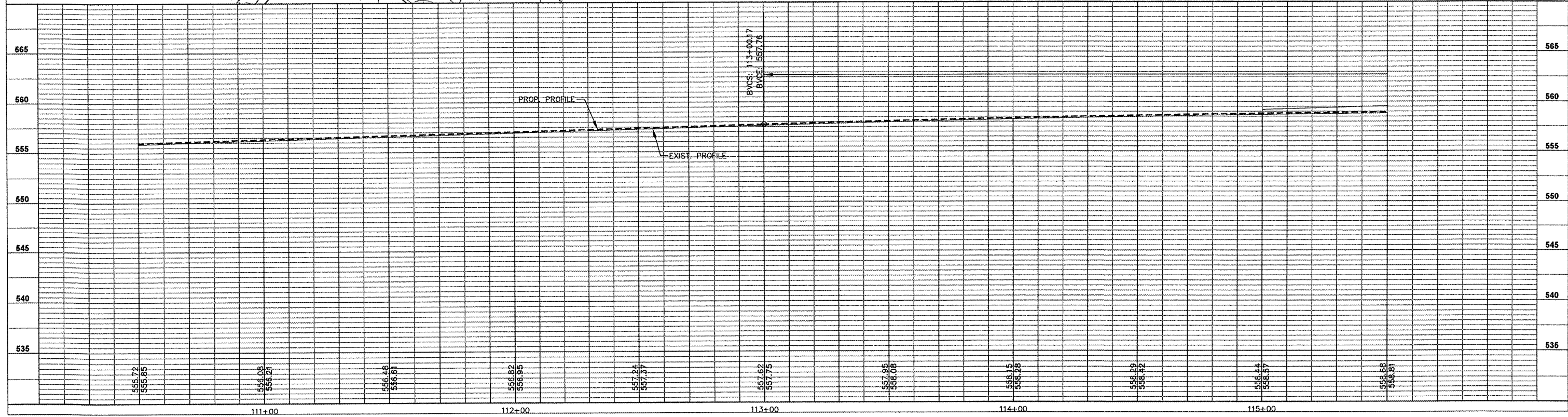
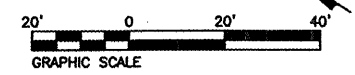
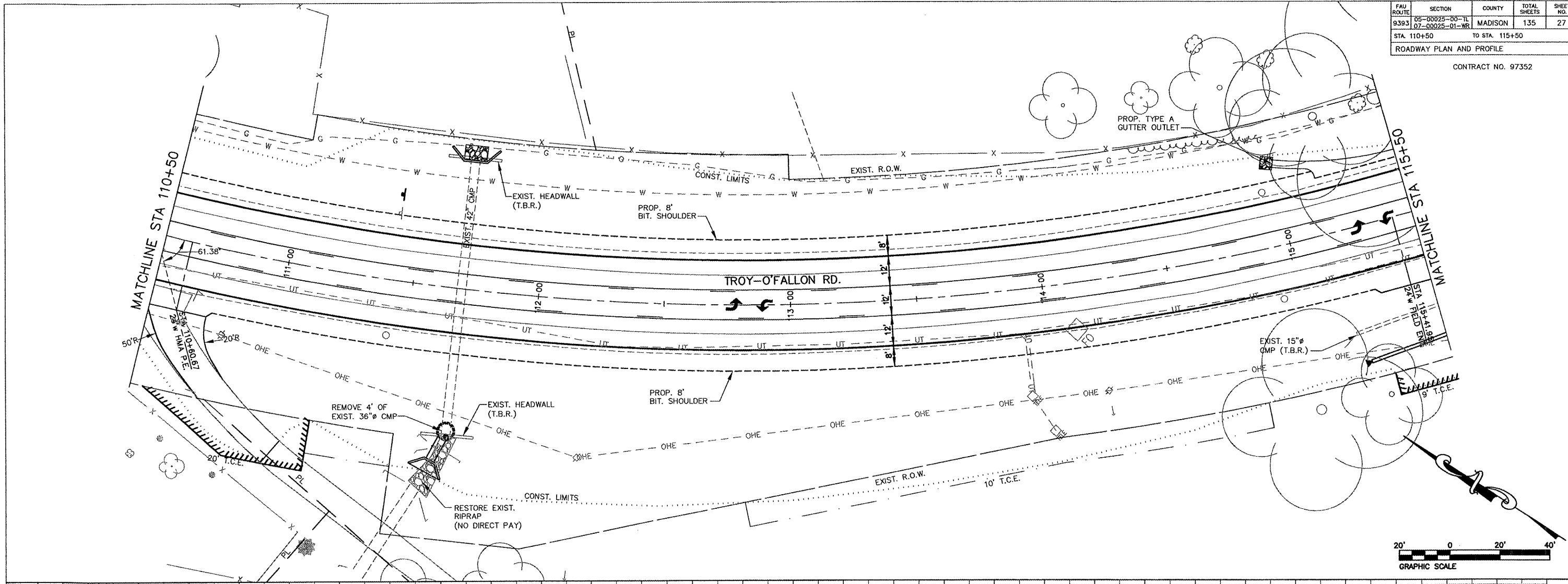


CURVE #2
 PI STA. = 113+53.35
 $\Delta = 66^\circ 52' 55''$ (LT)
 $D = 5^\circ 59' 51''$
 $R = 955.34'$
 $T = 630.91'$
 $L = 1,115.17'$
 $E = 189.53'$
 P.C. STA. = 107+22.44
 P.T. STA. = 118+37.61



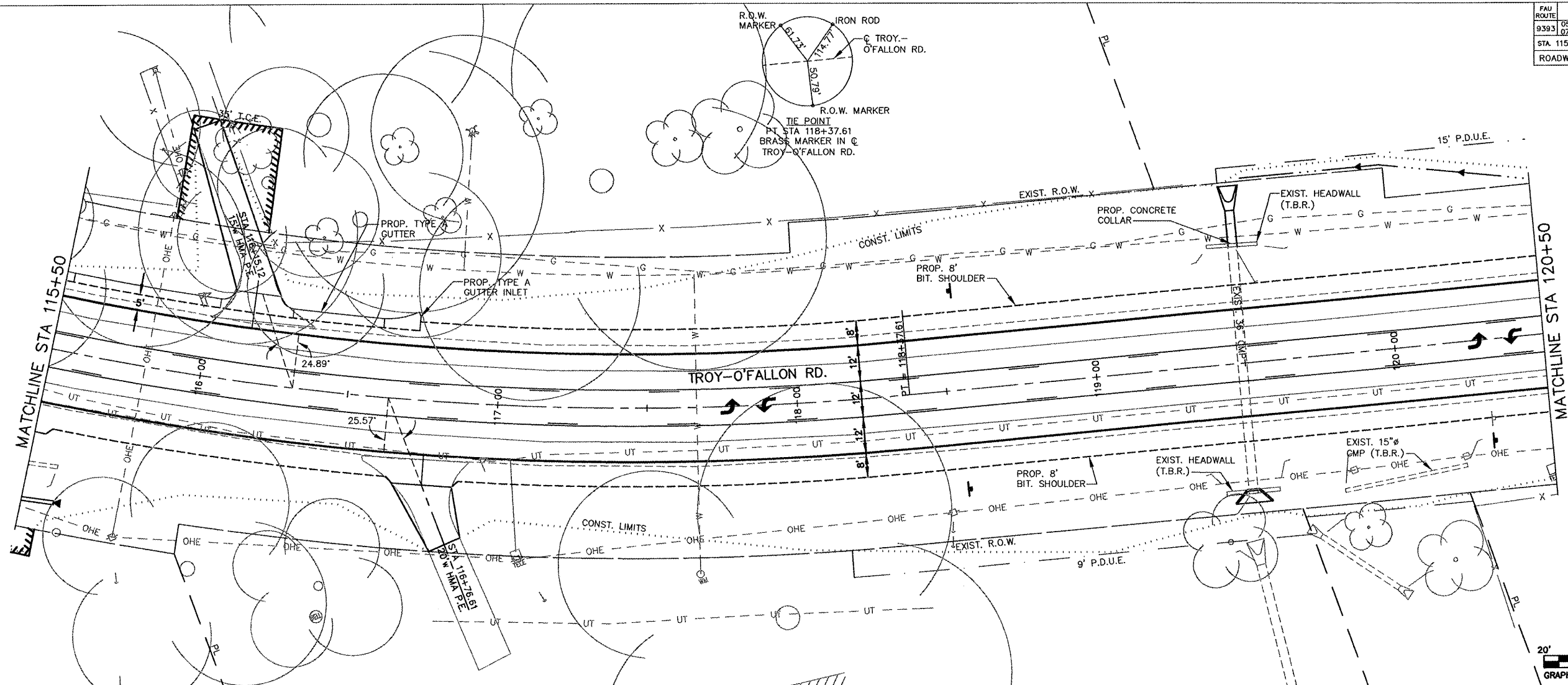
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	27
STA. 110+50		TO STA. 115+50		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352

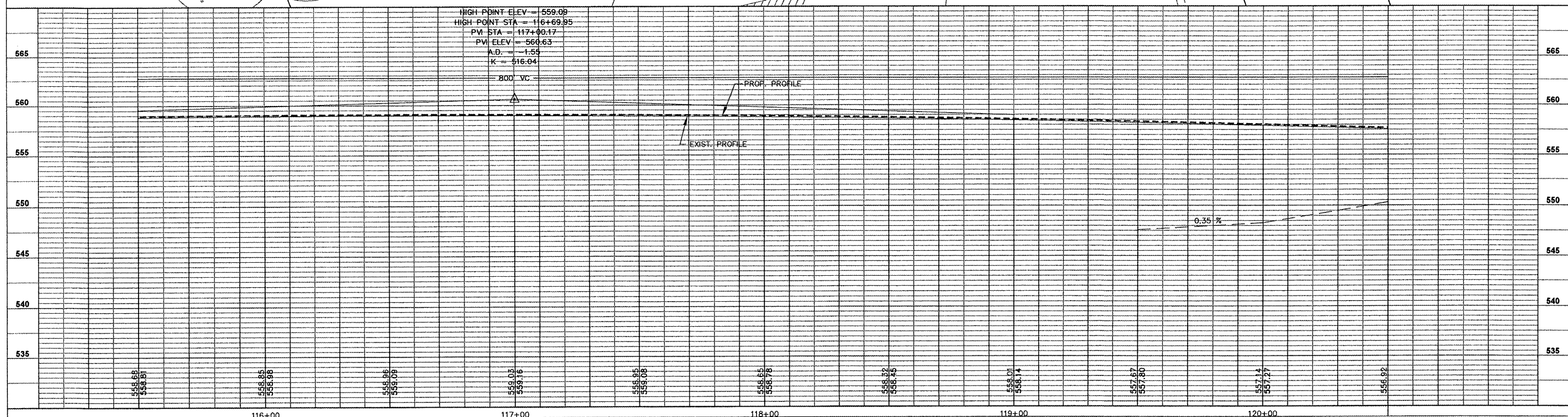


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	28
STA. 115+50		TO STA. 120+50		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352

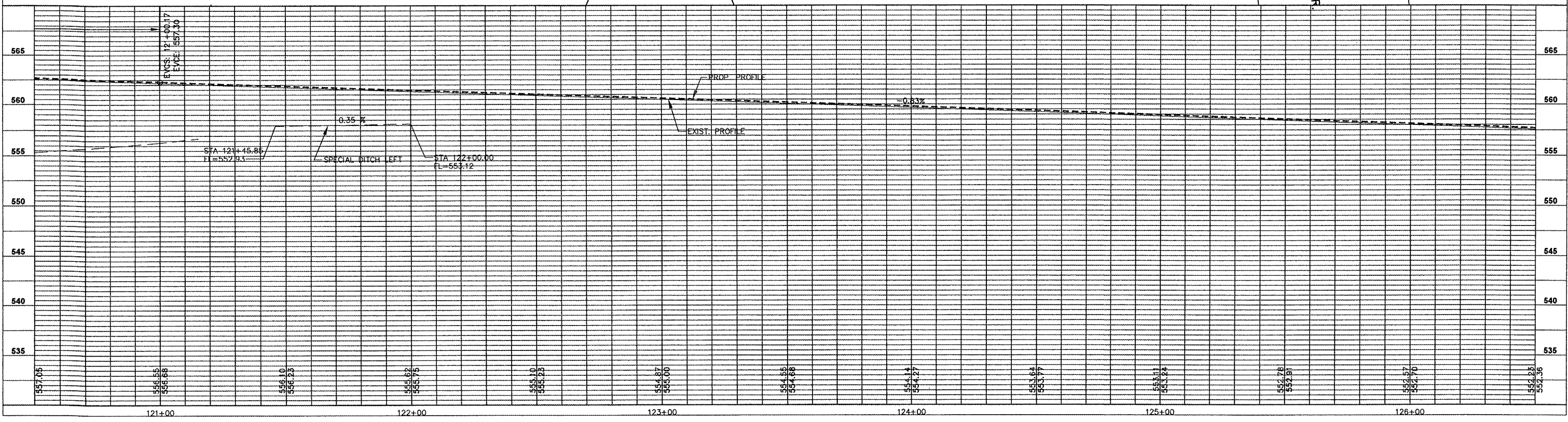
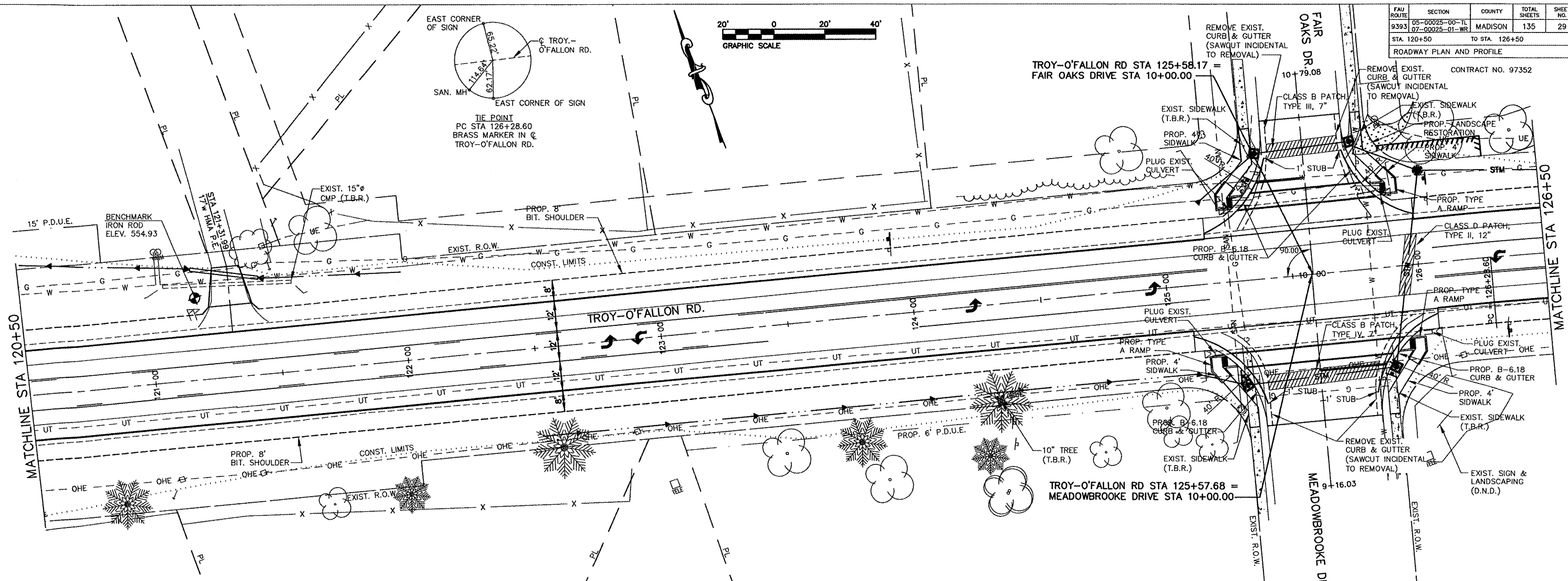
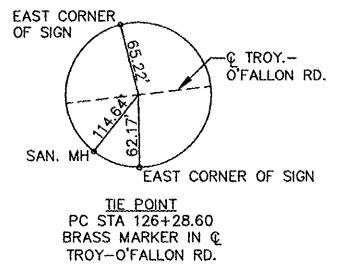
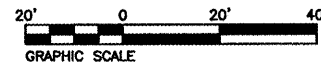


HIGH POINT ELEV = 559.09
HIGH POINT STA = 116+69.95
PVI STA = 117+00.17
PVI ELEV = 560.63
A.D. = -1.59
K = 516.04
800' VC



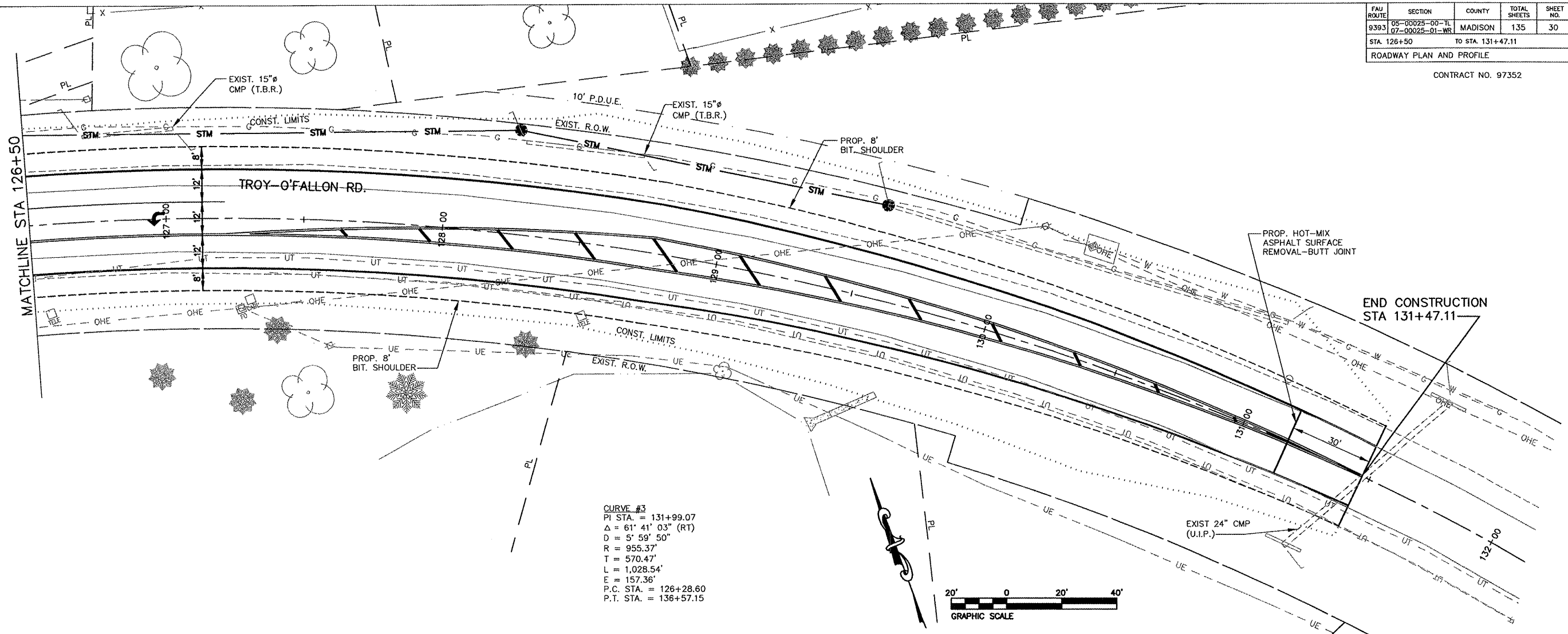
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	29
STA. 120+50		TO STA. 126+50		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352

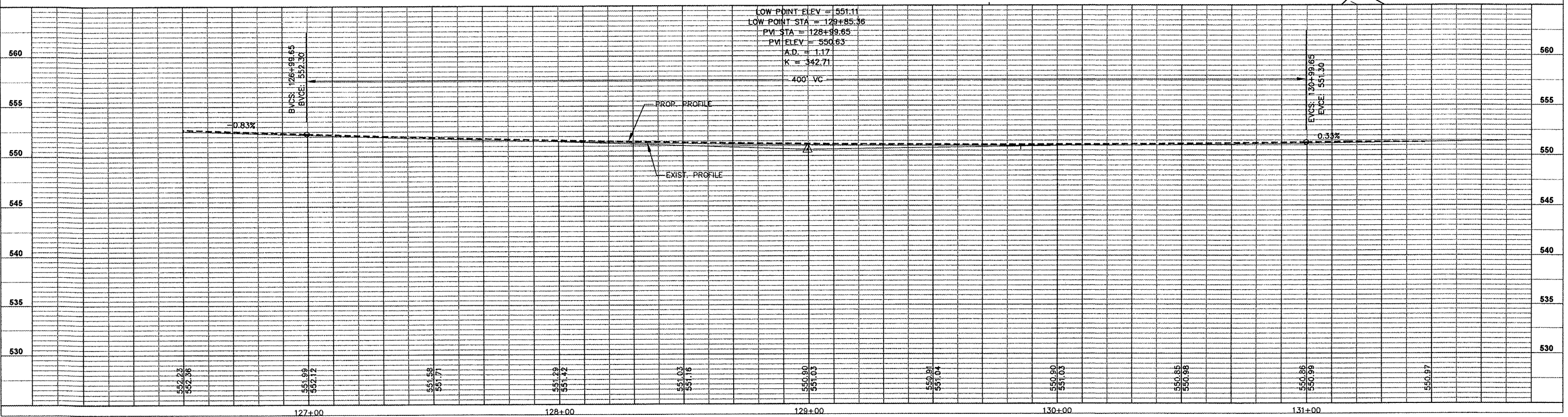


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00028-01-WR	MADISON	135	30
STA. 126+50		TO STA. 131+47.11		
ROADWAY PLAN AND PROFILE				

CONTRACT NO. 97352



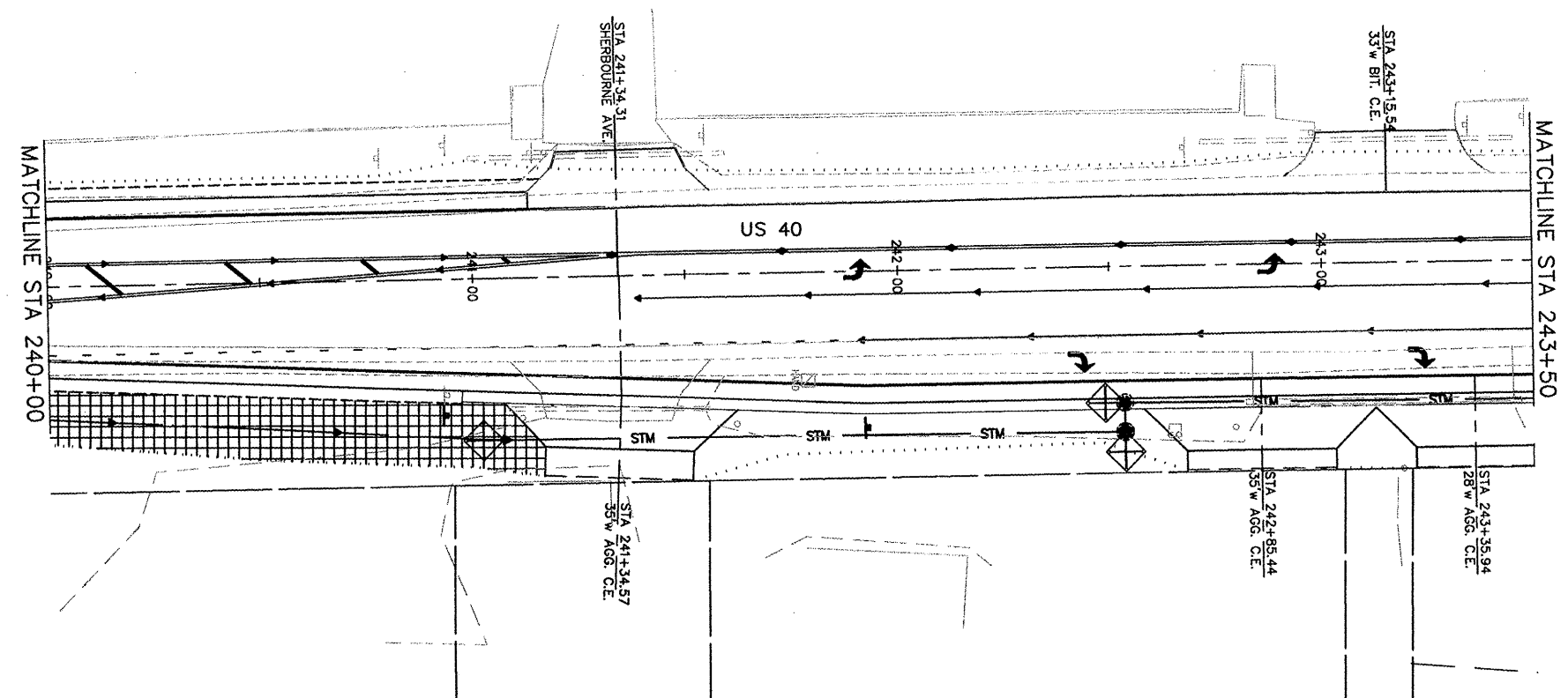
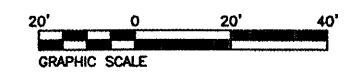
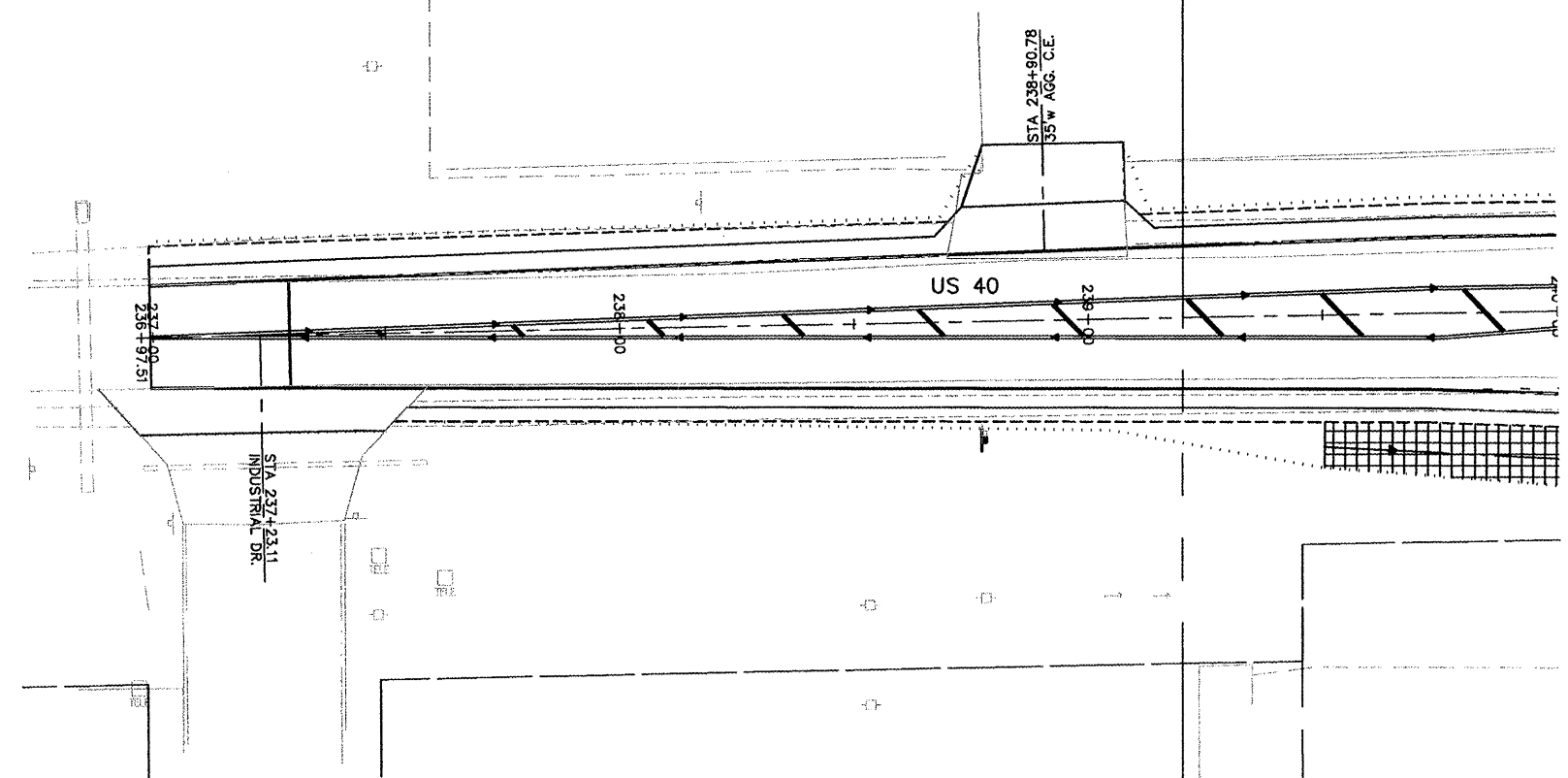
CURVE #3
 PI STA. = 131+99.07
 $\Delta = 61^\circ 41' 03''$ (RT)
 $D = 5^\circ 59' 50''$
 $R = 955.37'$
 $T = 570.47'$
 $L = 1,028.54'$
 $E = 157.36'$
 P.C. STA. = 126+28.60
 P.T. STA. = 136+57.15



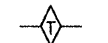

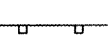
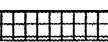

FWP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	31
STA. 236+99.46		TO STA. 243+50		

EROSION CONTROL PLAN

CONTRACT NO. 97352

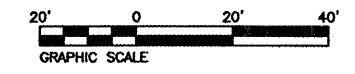
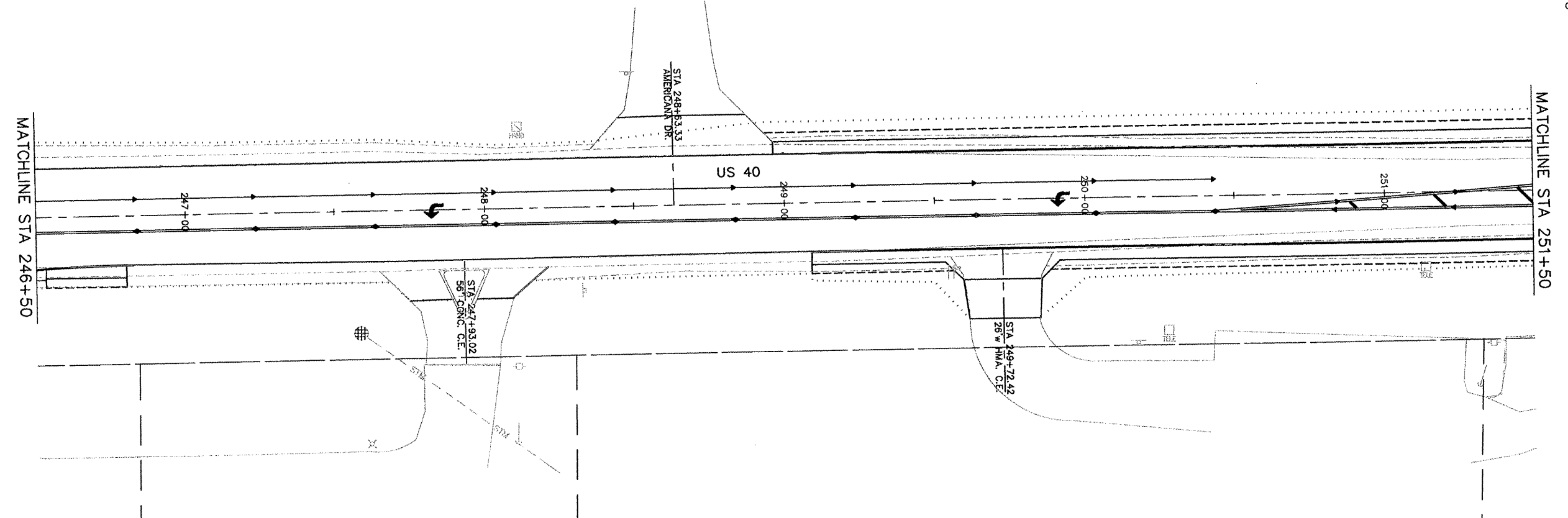


TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 
- ④ EROSION CONTROL BLANKET 
- ⑤ RR4 RIPRAP 

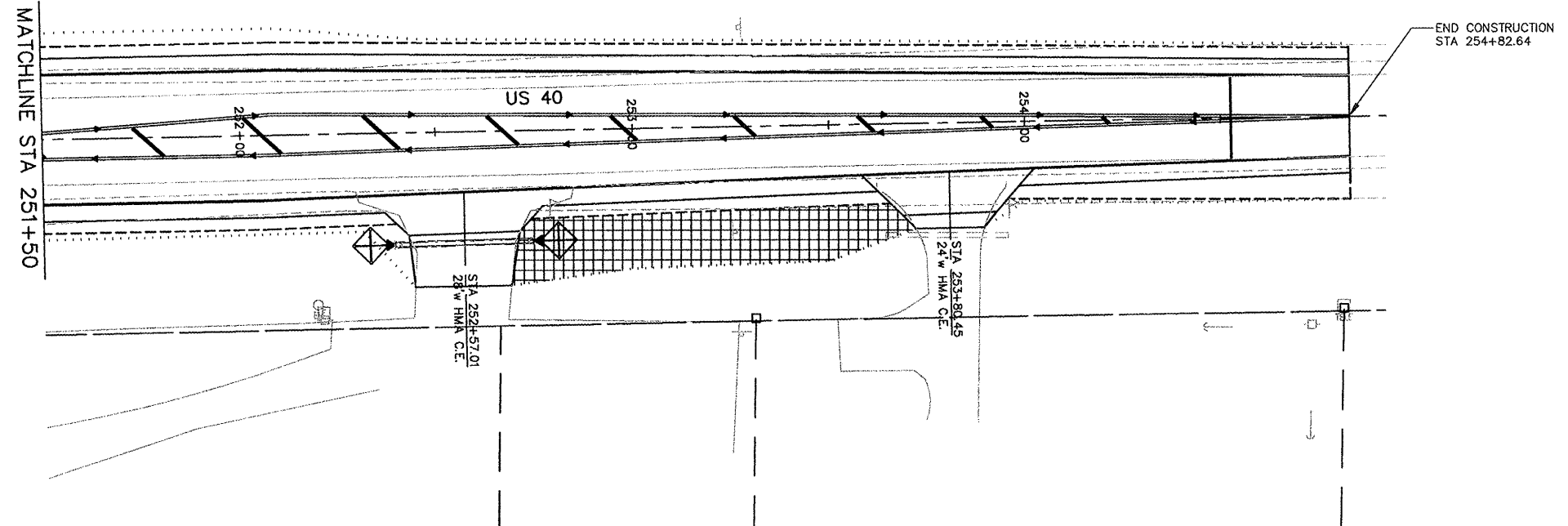
FILE ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	32
STA. 246+50		TO STA. 254+82.64		
EROSION CONTROL PLAN				

CONTRACT NO. 97352



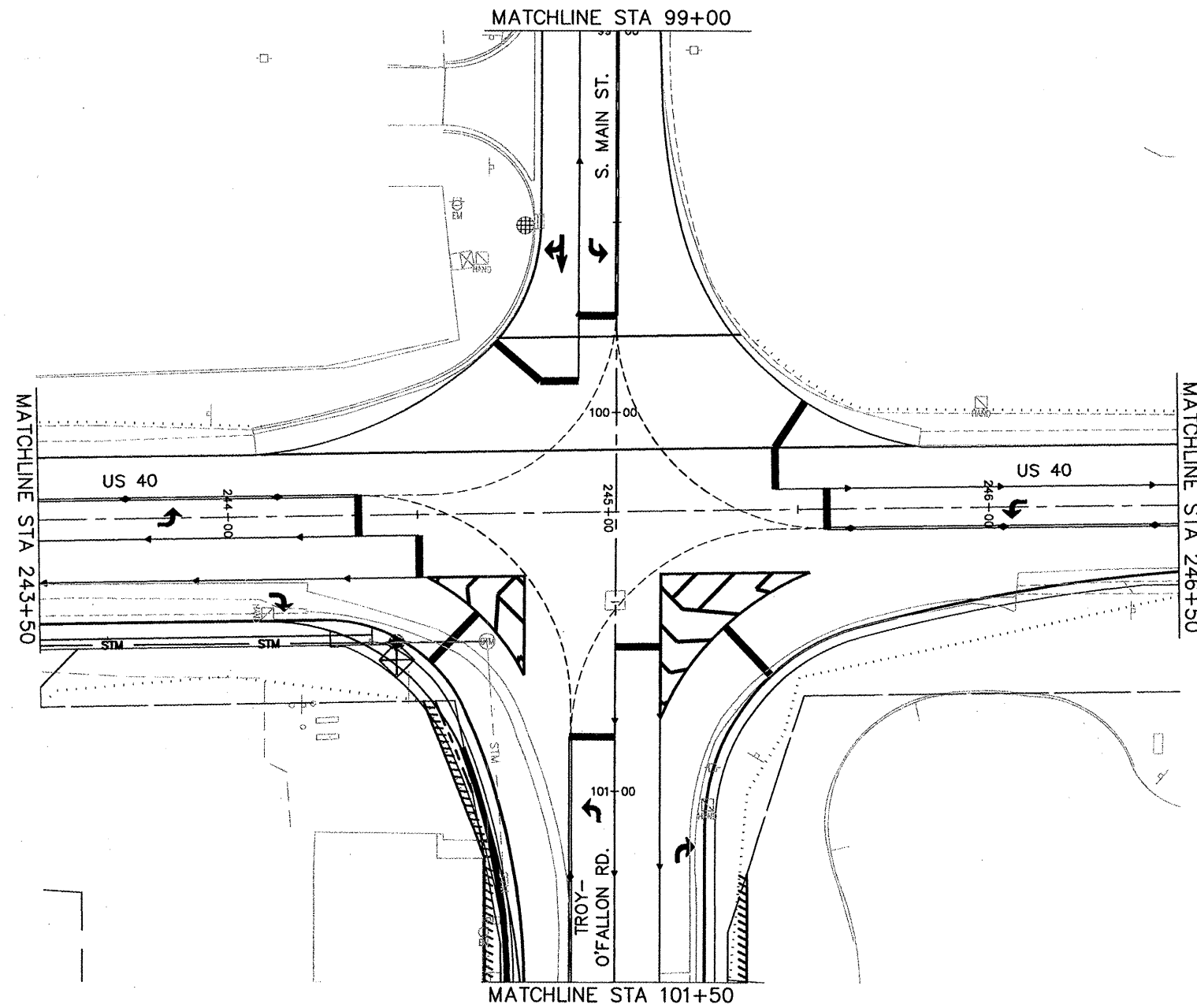
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK
- ② INLET & PIPE PROTECTION
- ③ PERIMETER EROSION BARRIER
- ④ EROSION CONTROL BLANKET
- ⑤ RR4 RIPRAP



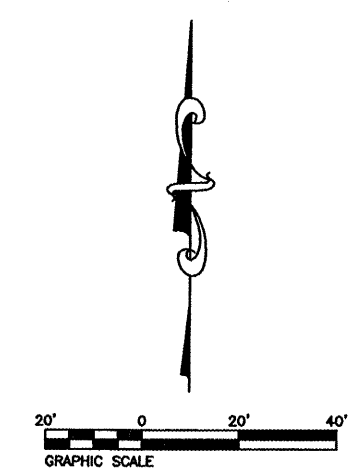
MAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	33
STA. 243+50/99+00		TO STA. 246+50/101+50		
EROSION CONTROL PLAN				

CONTRACT NO. 97352



TEMPORARY EROSION CONTROL ITEMS

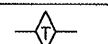

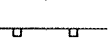
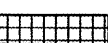

- | | | |
|---|---------------------------|--|
| ① | TEMPORARY DITCH CHECK | |
| ② | INLET & PIPE PROTECTION | |
| ③ | PERIMETER EROSION BARRIER | |
| ④ | EROSION CONTROL BLANKET | |
| ⑤ | RR4 RIPRAP | |

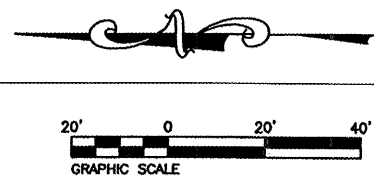
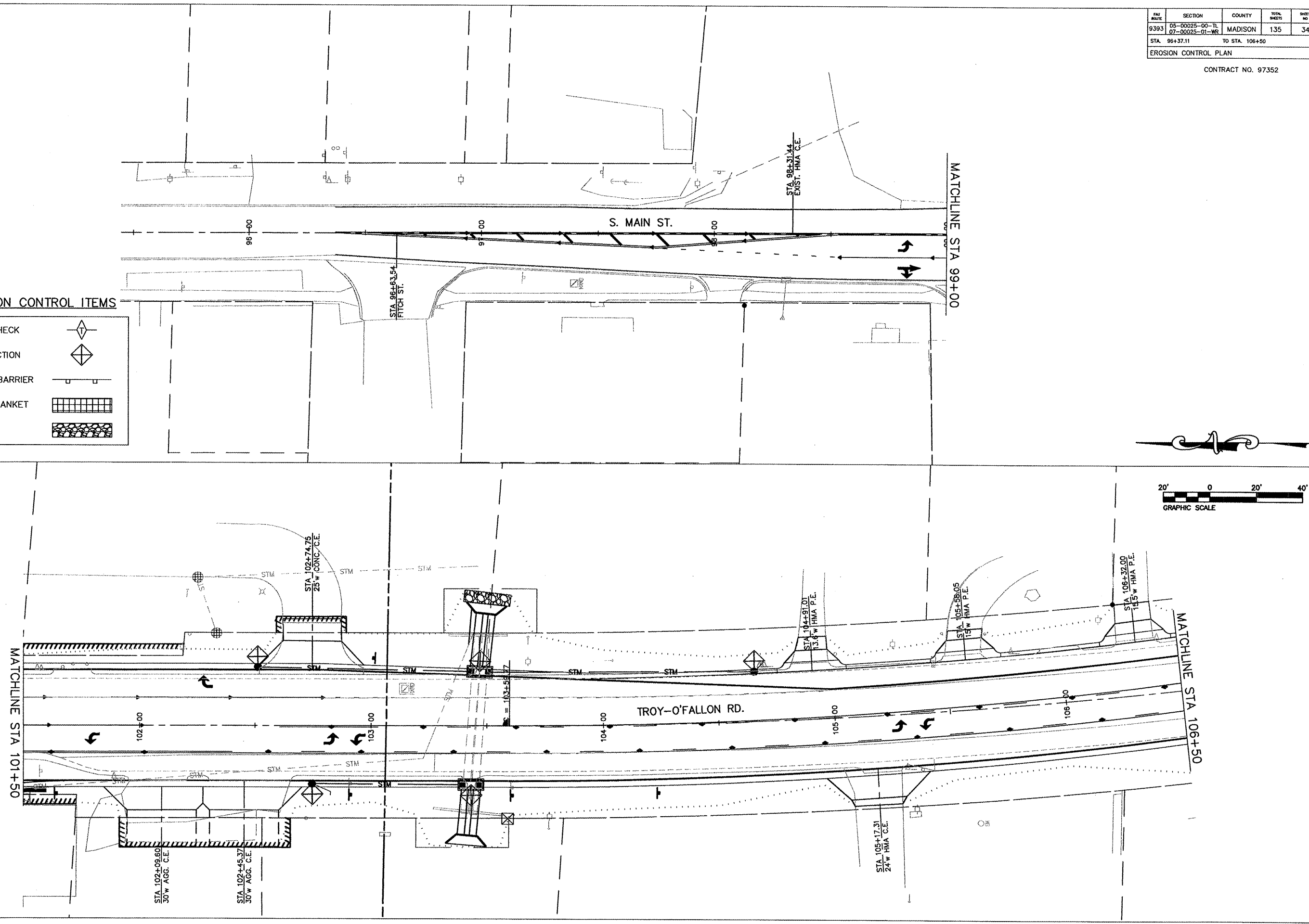


FWY ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-MR	MADISON	135	34
STA. 96+37.11		TO STA. 106+50		
EROSION CONTROL PLAN				

CONTRACT NO. 97352

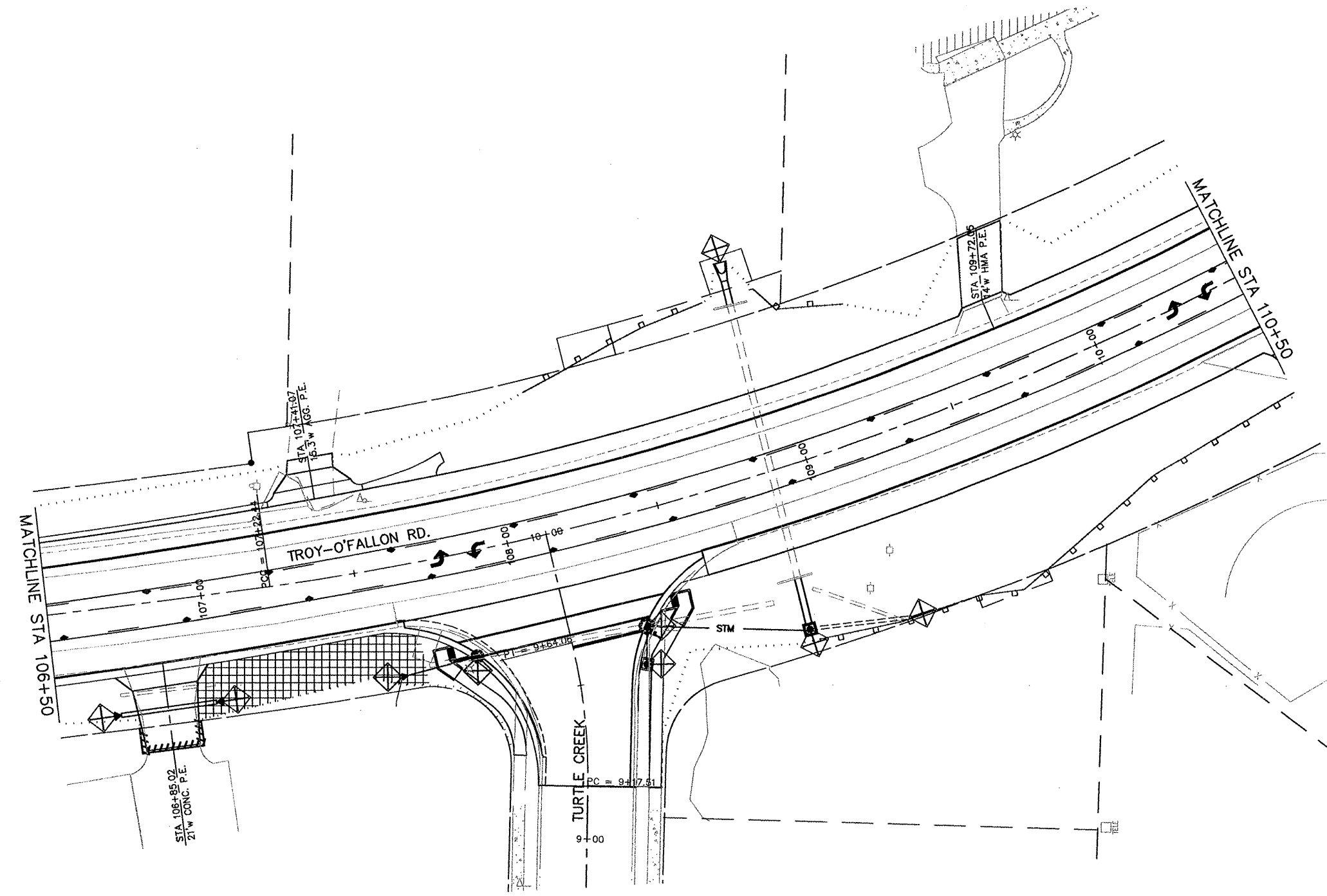
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 
- ④ EROSION CONTROL BLANKET 
- ⑤ RR4 RIPRAP 



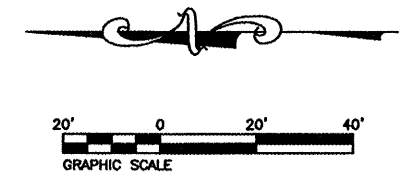
FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	35
STA. 106+50		TO STA. 110+50		
EROSION CONTROL PLAN				

CONTRACT NO. 97352



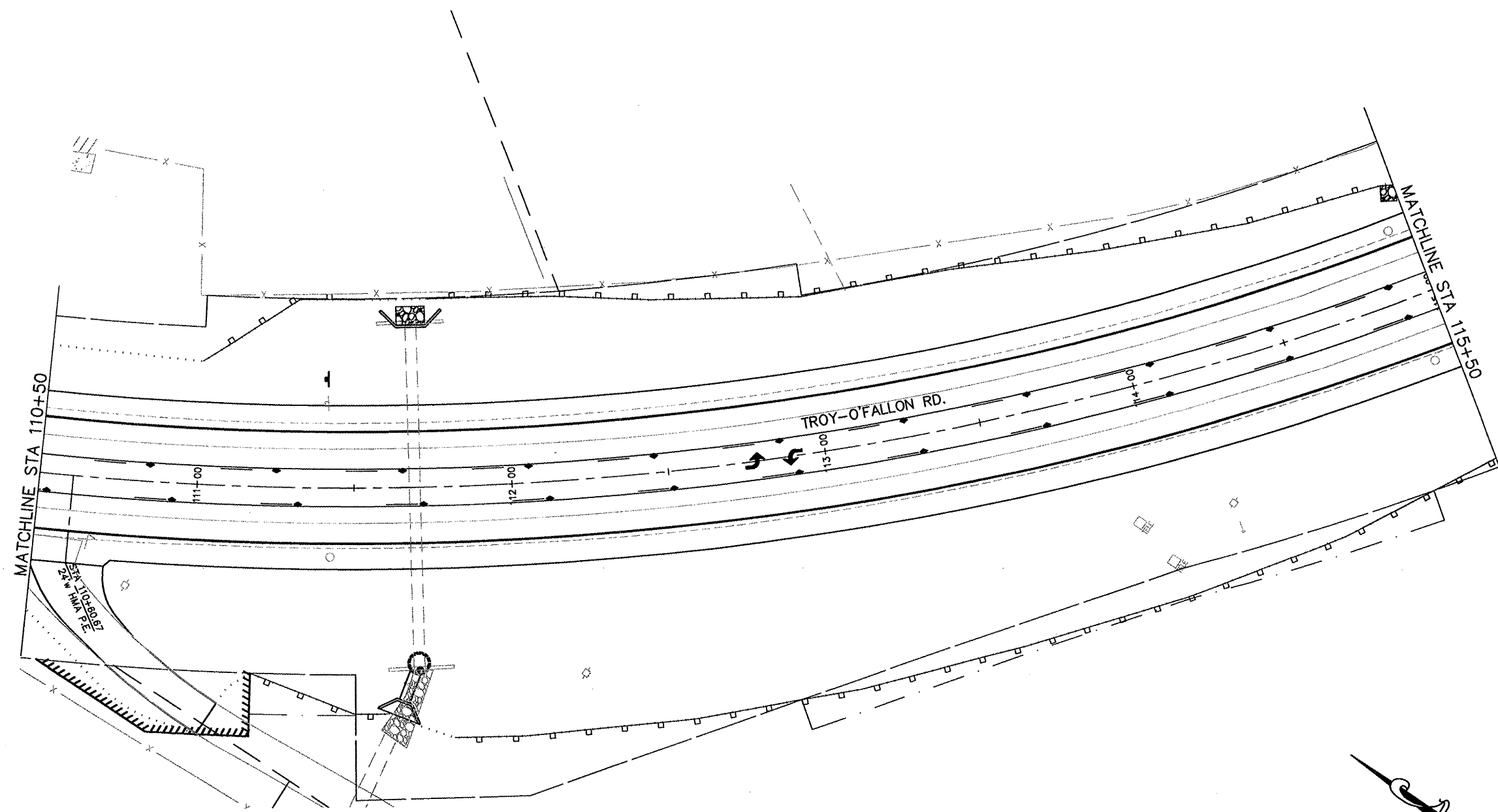
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK
- ② INLET & PIPE PROTECTION
- ③ PERIMETER EROSION BARRIER
- ④ EROSION CONTROL BLANKET
- ⑤ RR4 RIPRAP








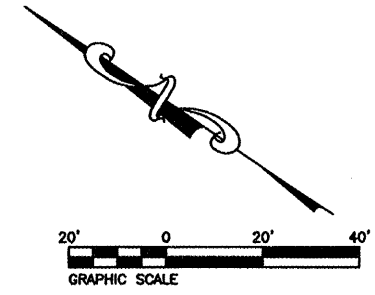
FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	36
STA. 110+50		TO STA. 115+50		
EROSION CONTROL PLAN				

CONTRACT NO. 97352



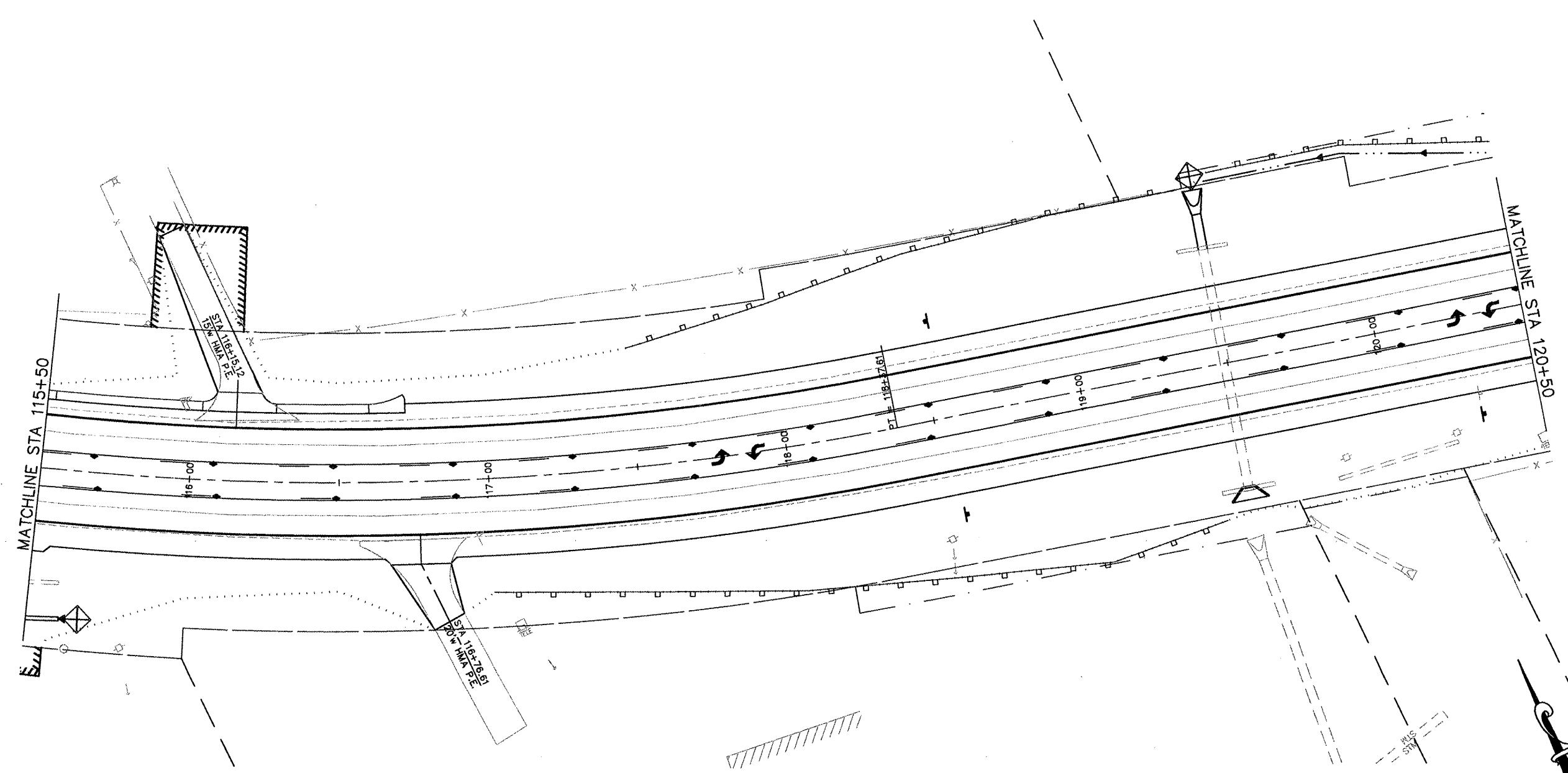
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 
- ④ EROSION CONTROL BLANKET 
- ⑤ RR4 RIPRAP 



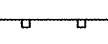
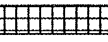



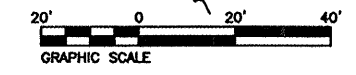
FW	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	37
STA. 115+50		TO STA. 120+50		
EROSION CONTROL PLAN				

CONTRACT NO. 97352



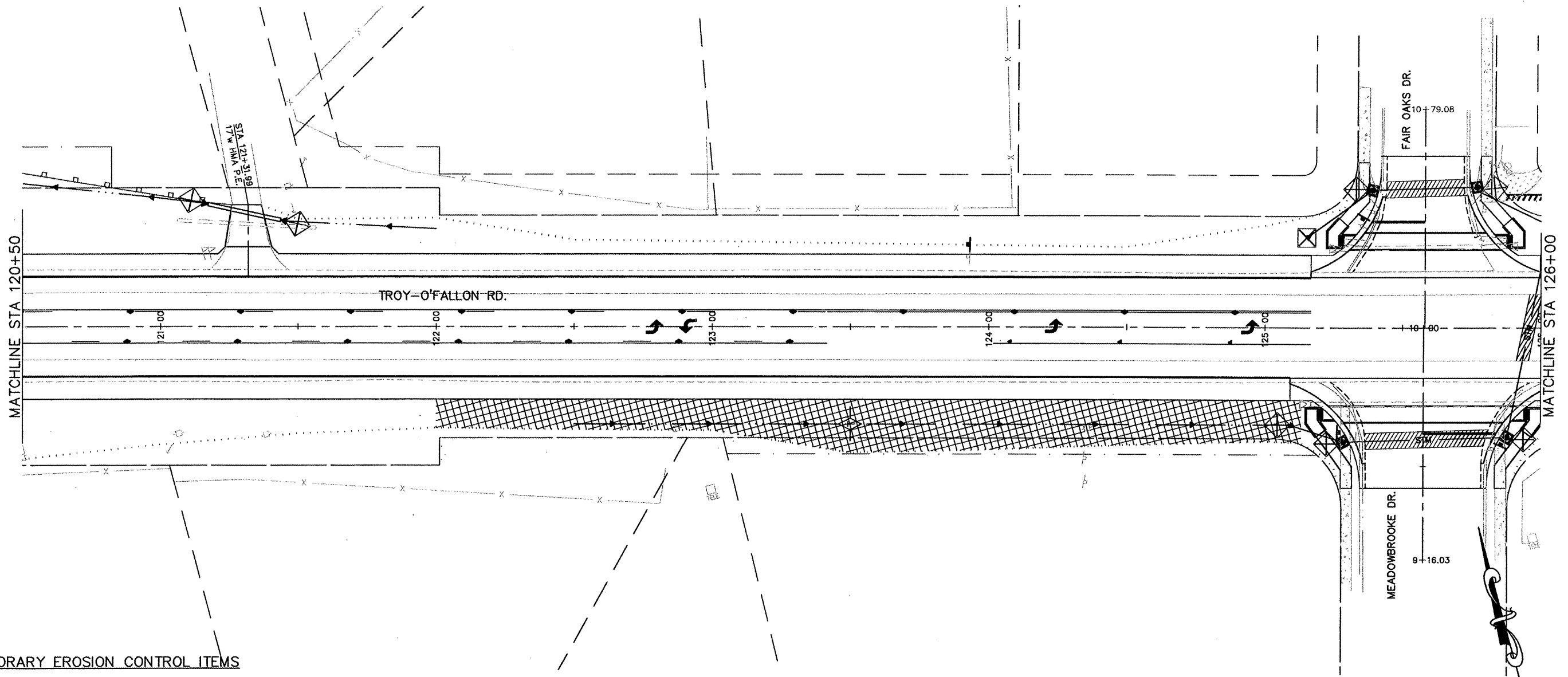
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 
- ④ EROSION CONTROL BLANKET 
- ⑤ RR4 RIPRAP 

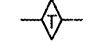

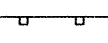
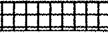
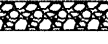


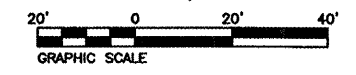
FAV ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	38
STA. 120+50		TO STA. 126+00		
EROSION CONTROL PLAN				

CONTRACT NO. 97352



TEMPORARY EROSION CONTROL ITEMS

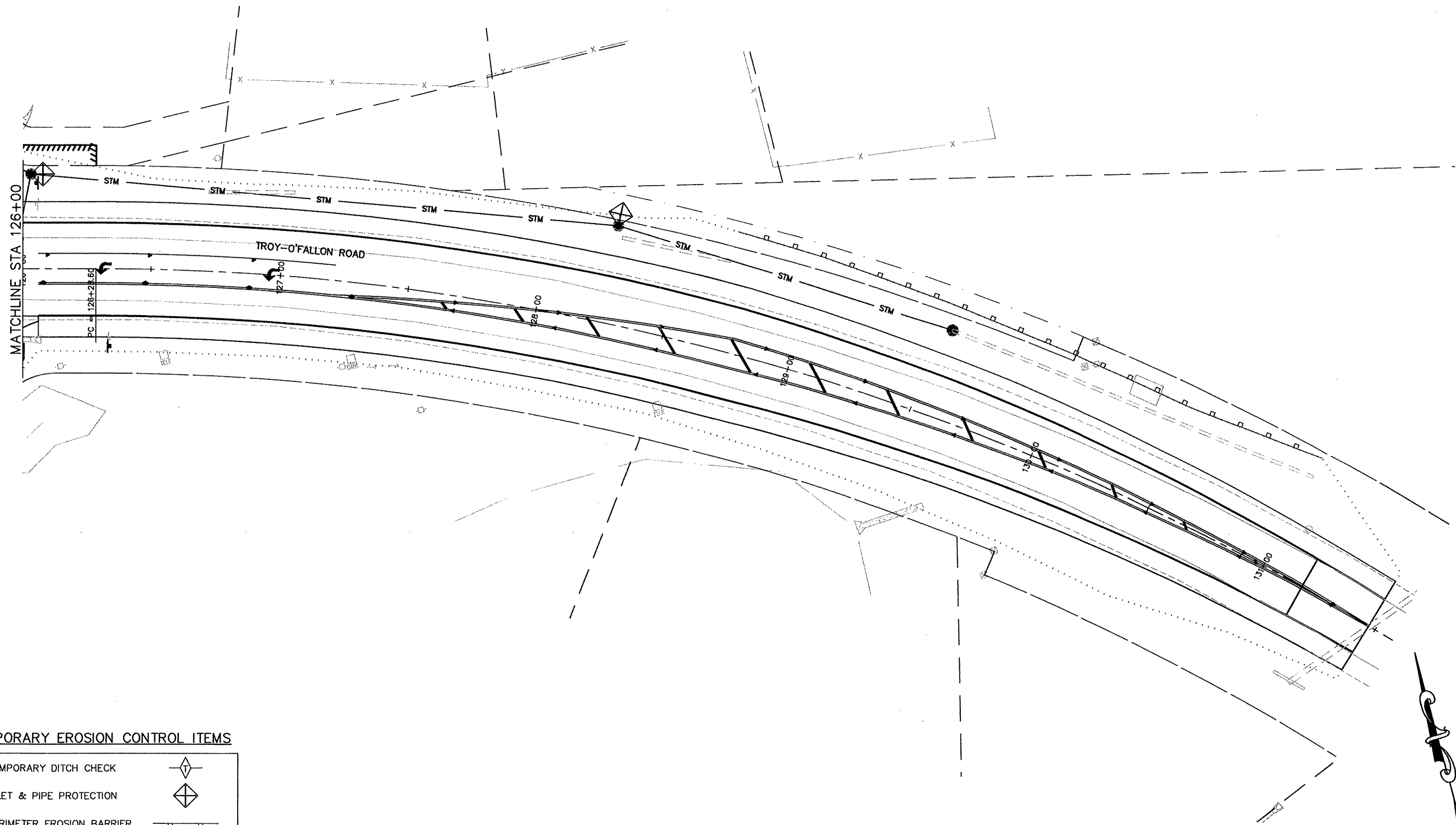
- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 
- ④ EROSION CONTROL BLANKET 
- ⑤ RR4 RIPRAP 





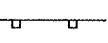
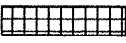

PAR. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL	MADISON	135	39
	07-00025-01-WR			
STA. 126+00	TO STA. 131+47.11			

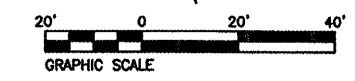
EROSION CONTROL PLAN

CONTRACT NO. 97352



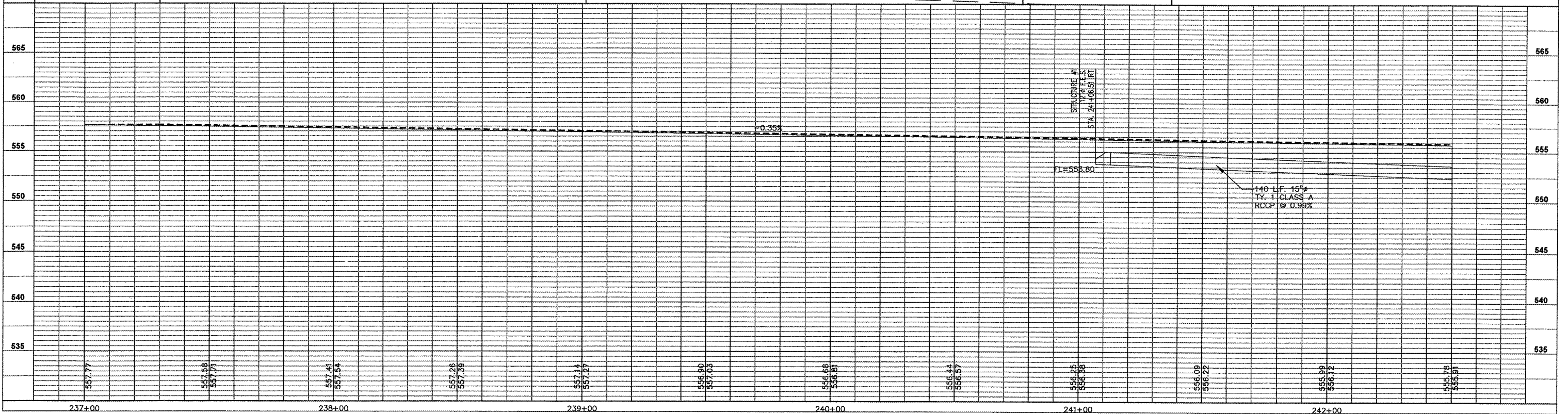
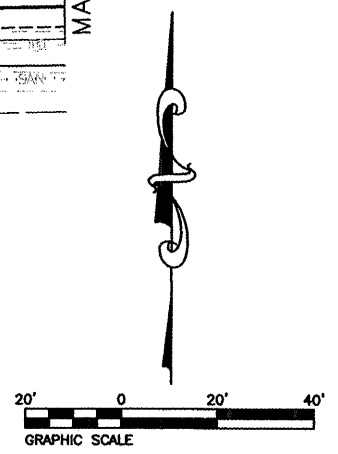
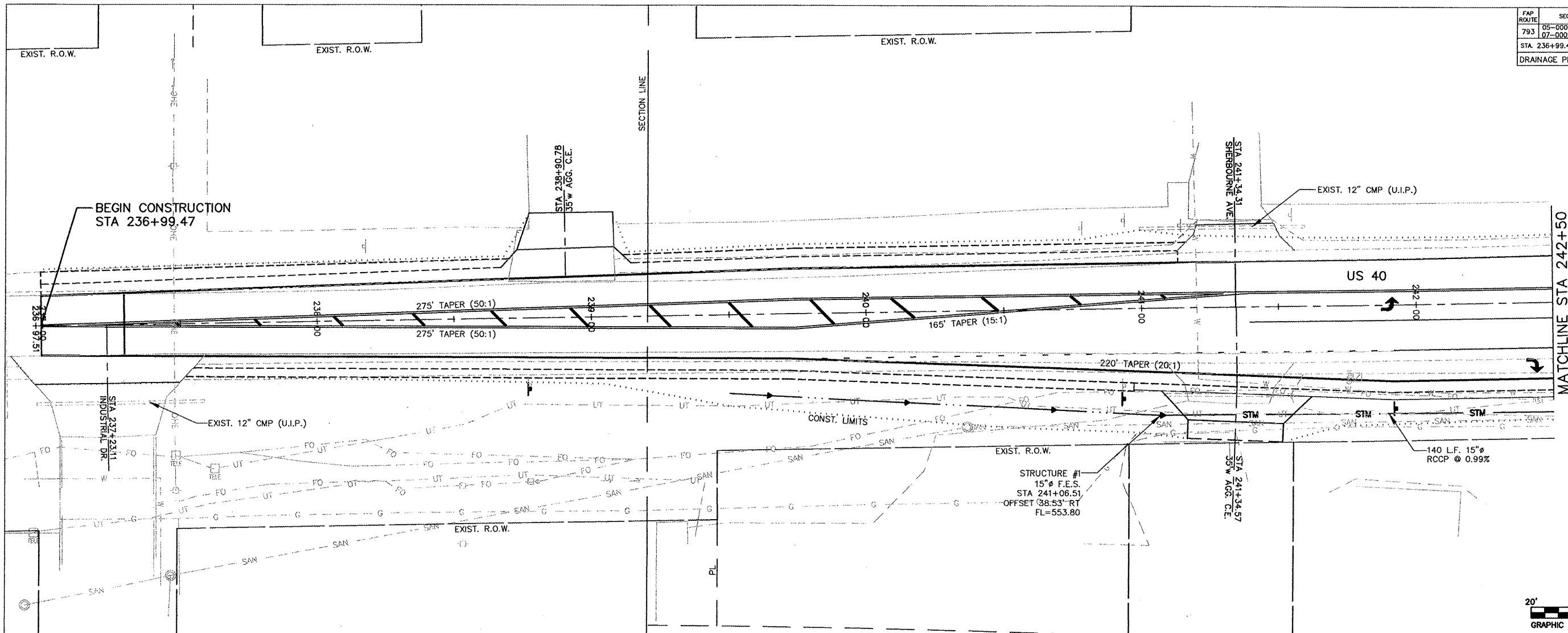
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 
- ④ EROSION CONTROL BLANKET 
- ⑤ RR4 RIPRAP 



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	40
STA. 236+99.47		TO STA. 242+50		
DRAINAGE PLAN AND PROFILE				

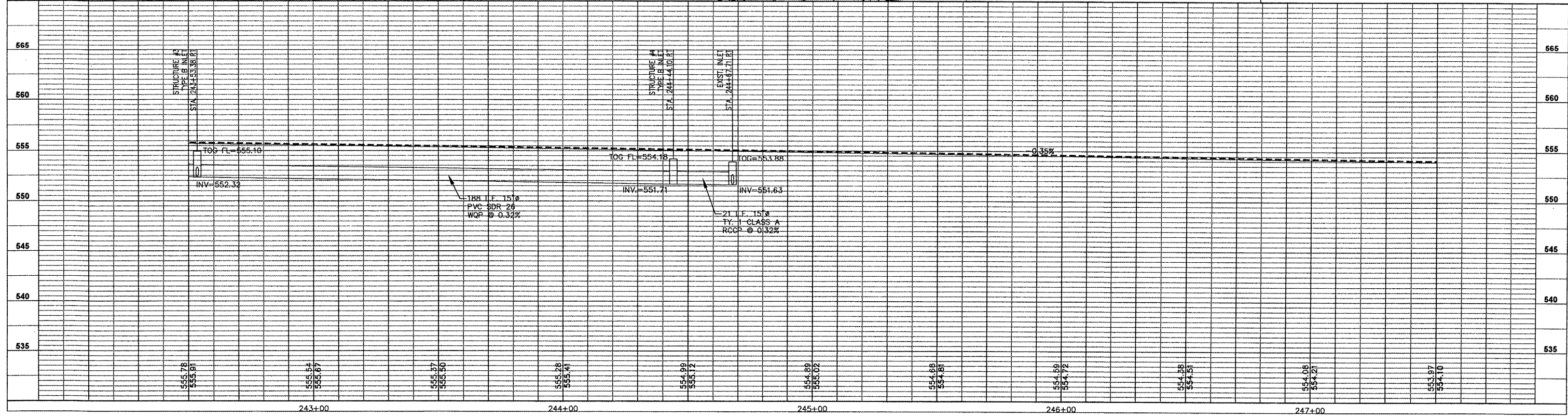
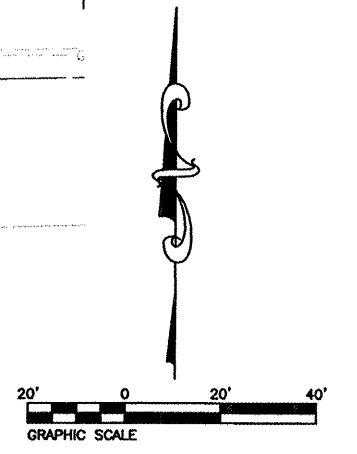
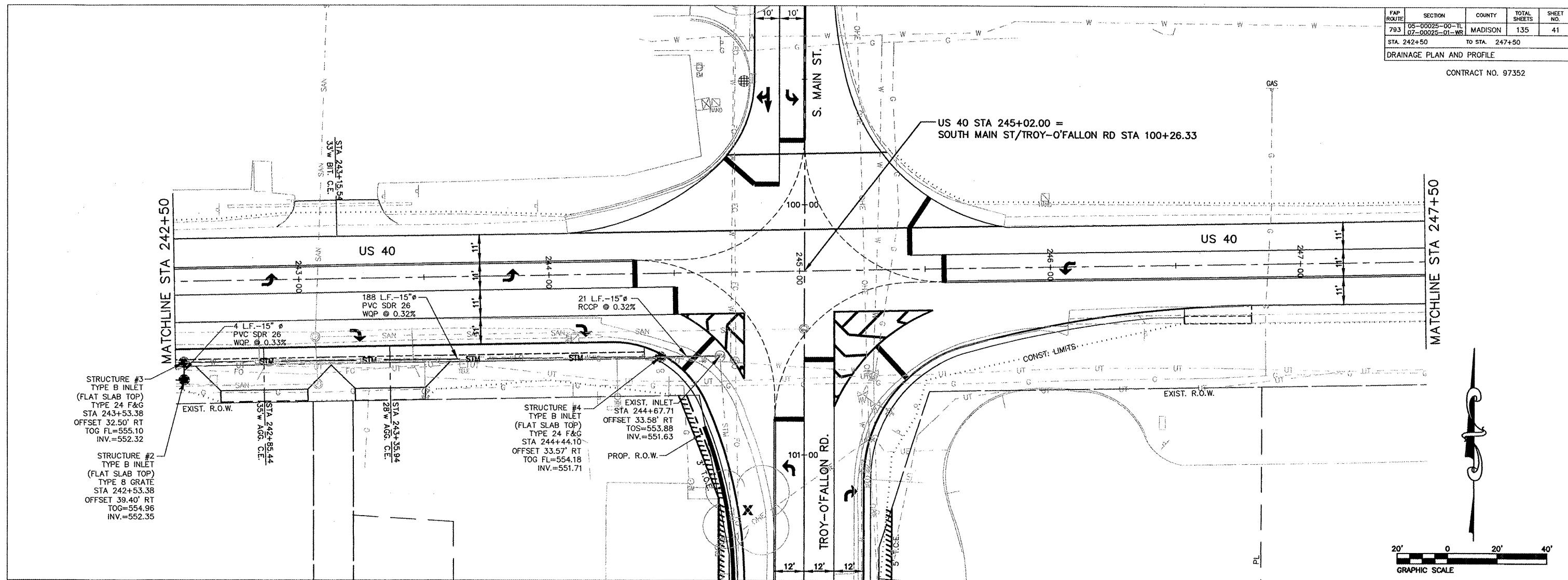
CONTRACT NO. 97352



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00026-01-WR	MADISON	135	41
STA. 242+50		TO STA. 247+50		
DRAINAGE PLAN AND PROFILE				

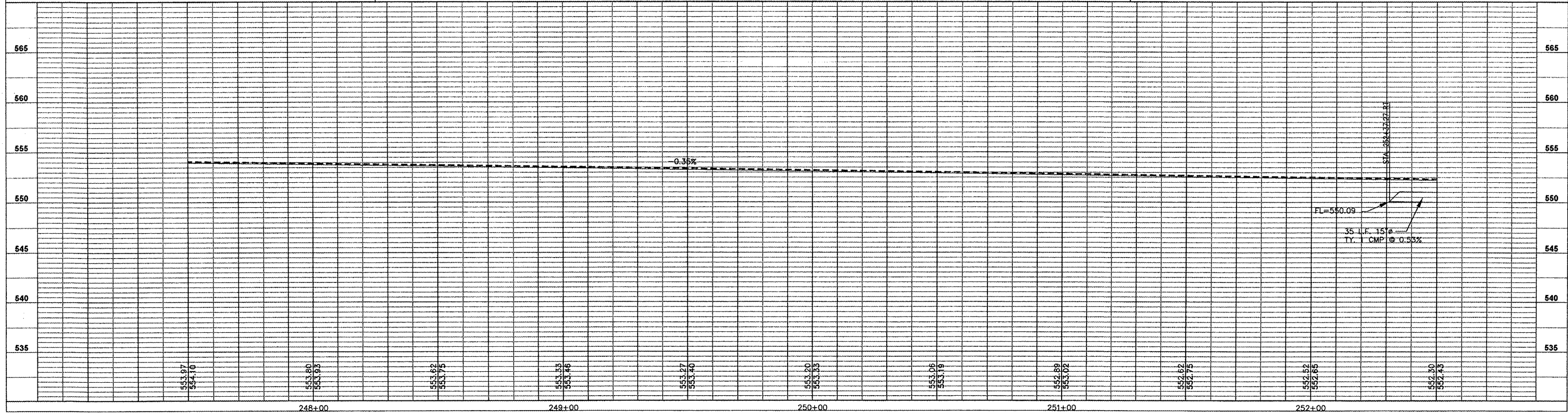
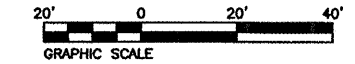
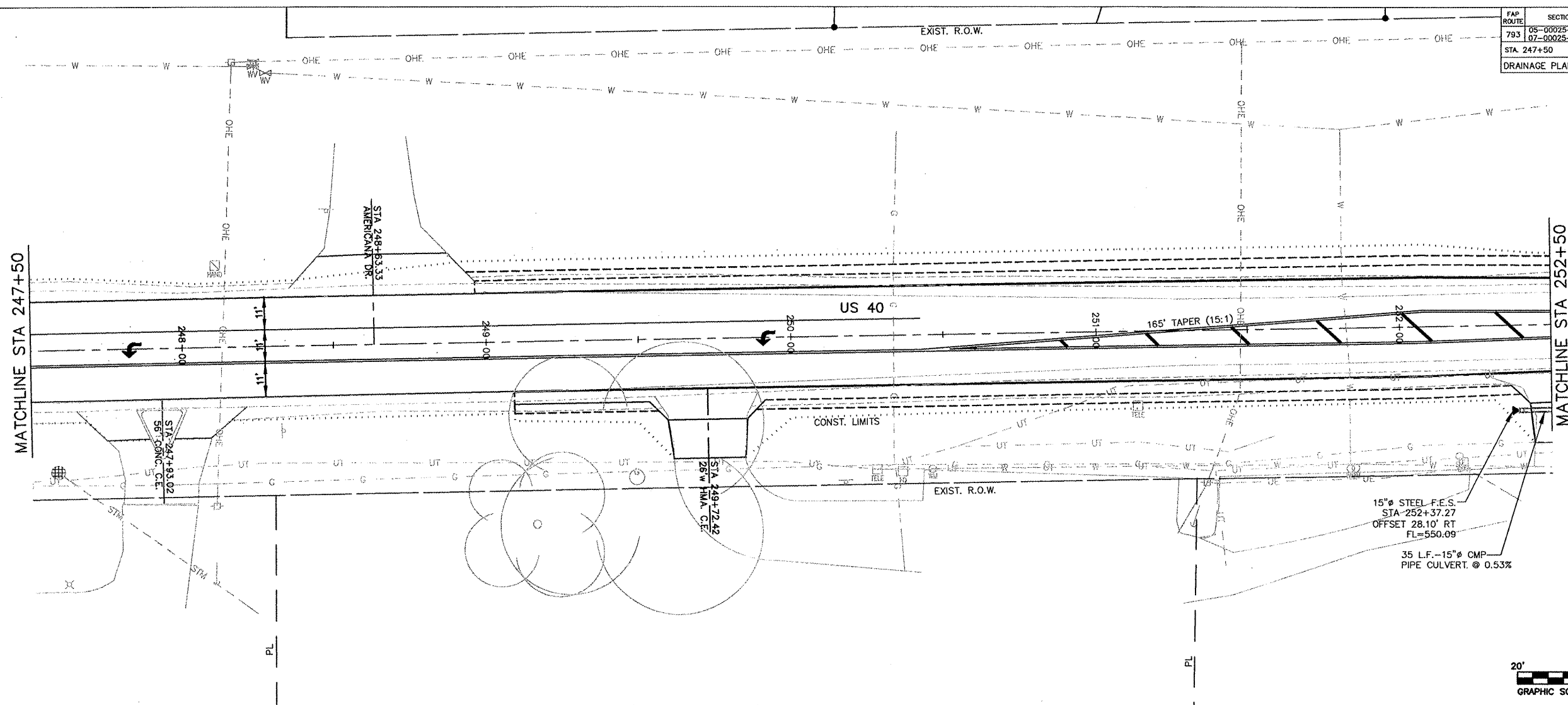
CONTRACT NO. 97352

US 40 STA 245+02.00 =
SOUTH MAIN ST/TROY-O'FALLON RD STA 100+26.33



FAP ROUTE 793	SECTION 05-00025-00-TL 07-00025-01-WR	COUNTY MADISON	TOTAL SHEETS 135	SHEET NO. 42
STA. 247+50		TO STA. 252+50		

DRAINAGE PLAN AND PROFILE
CONTRACT NO. 97352

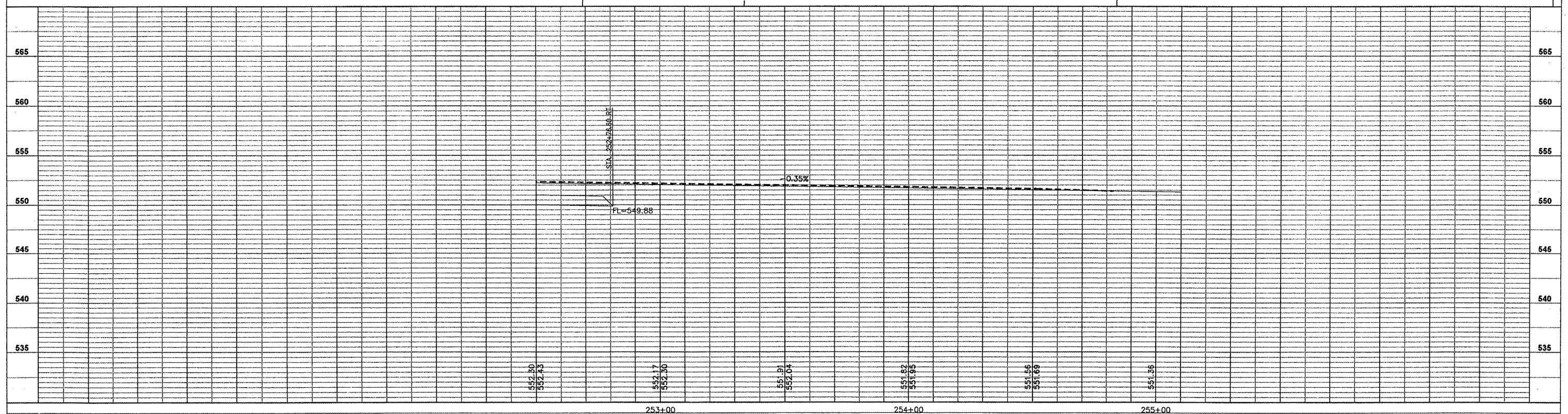
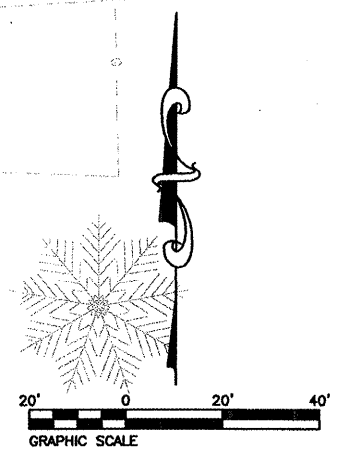
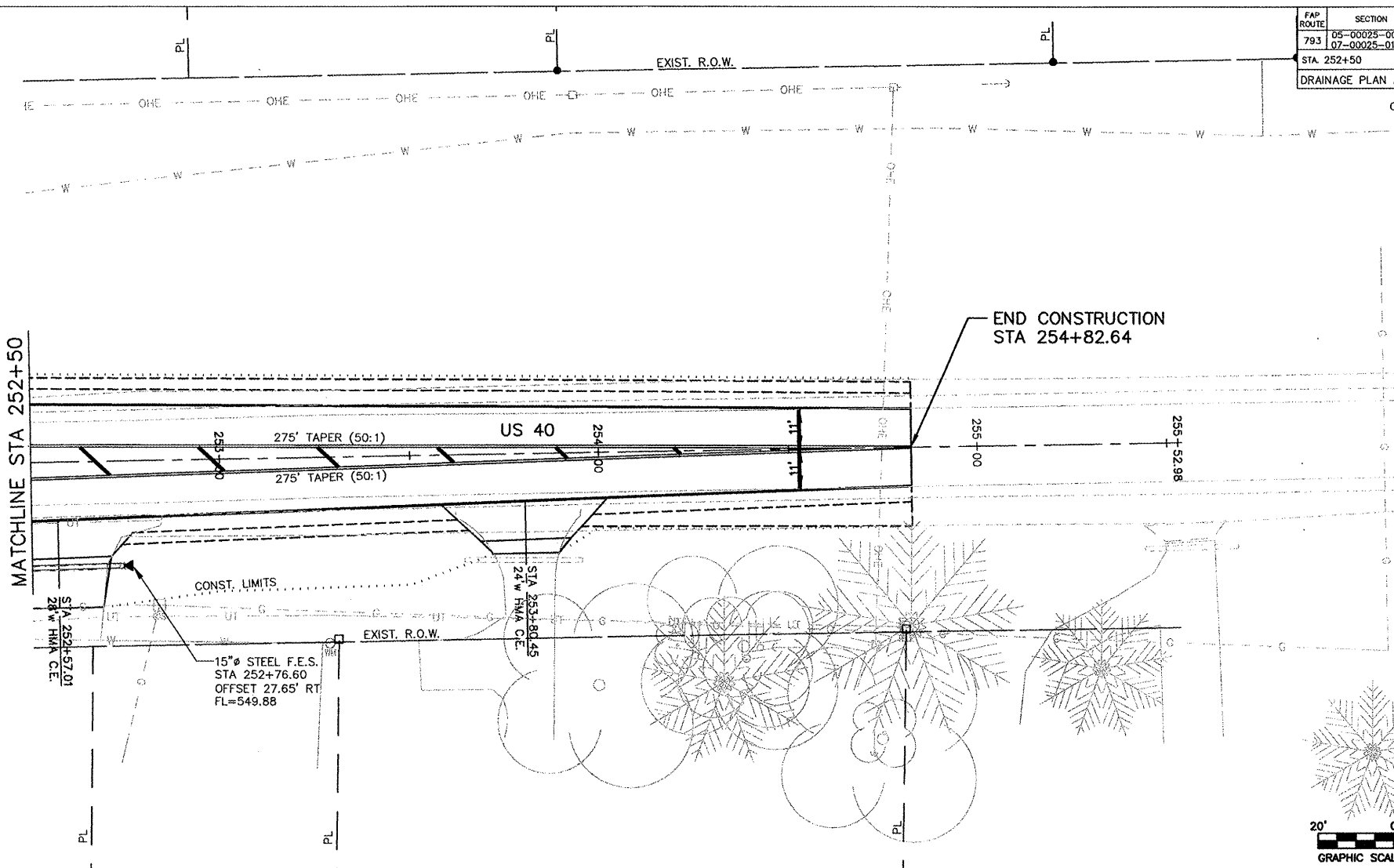


FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	43

STA. 252+50 TO STA. 254+82.64

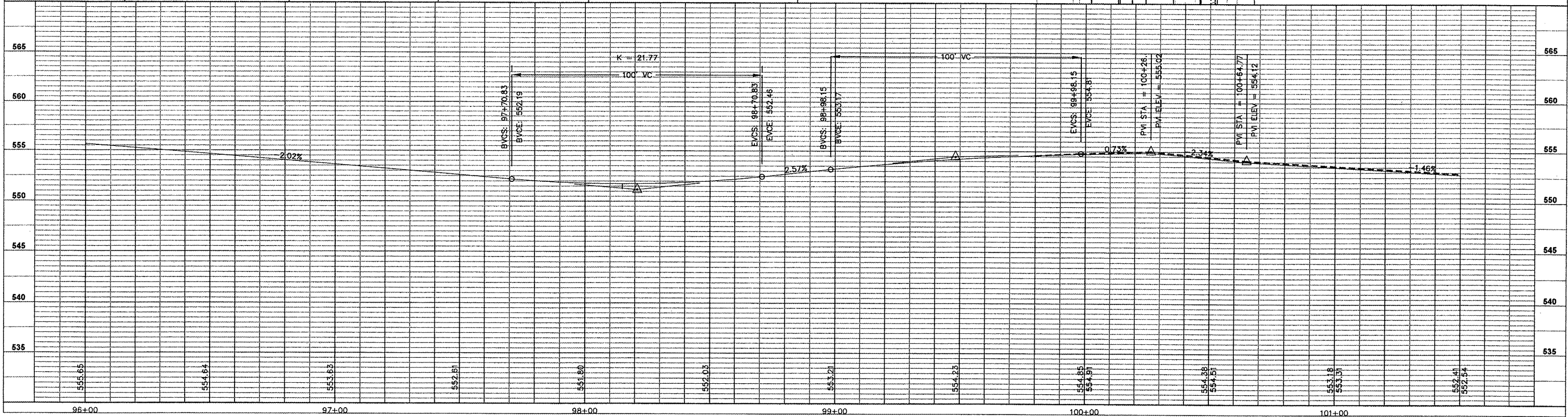
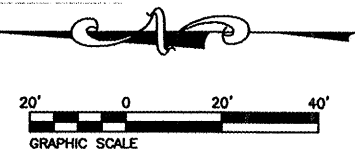
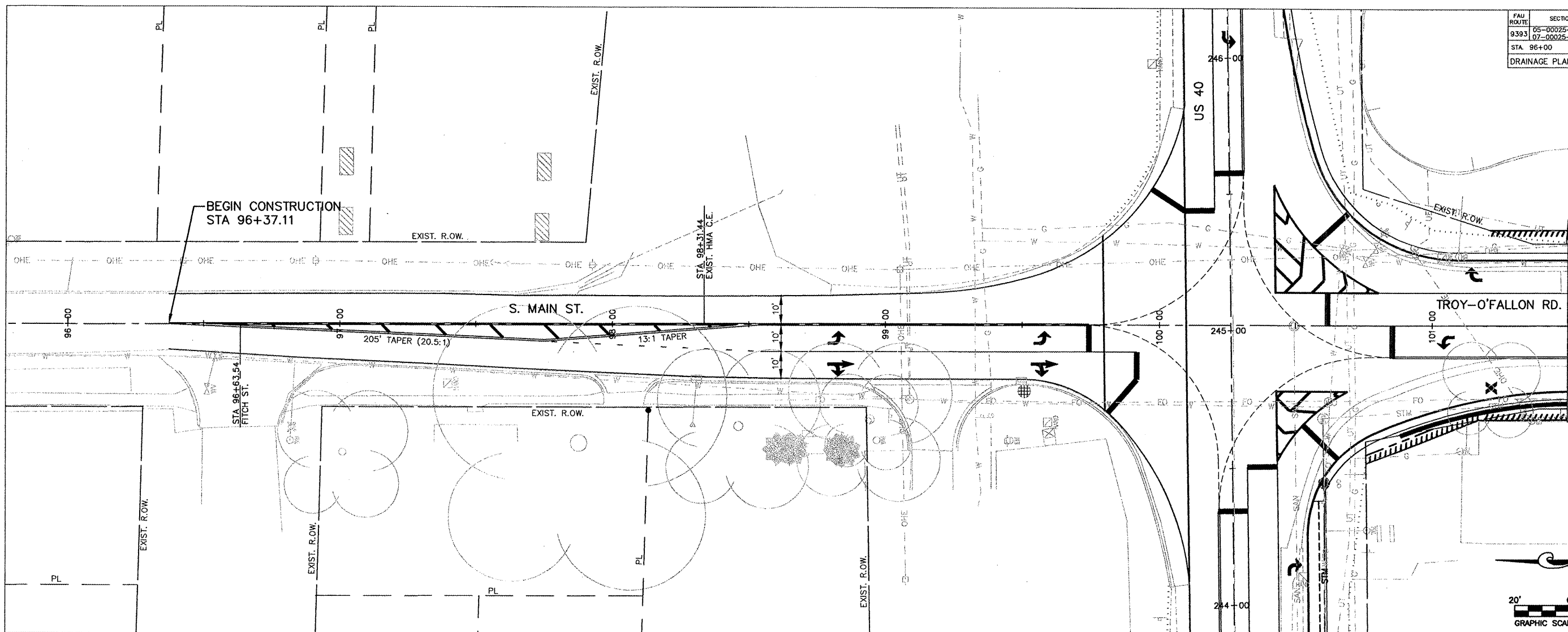
DRAINAGE PLAN AND PROFILE

CONTRACT NO. 97352



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	44
STA. 96+00		TO STA. 101+50		

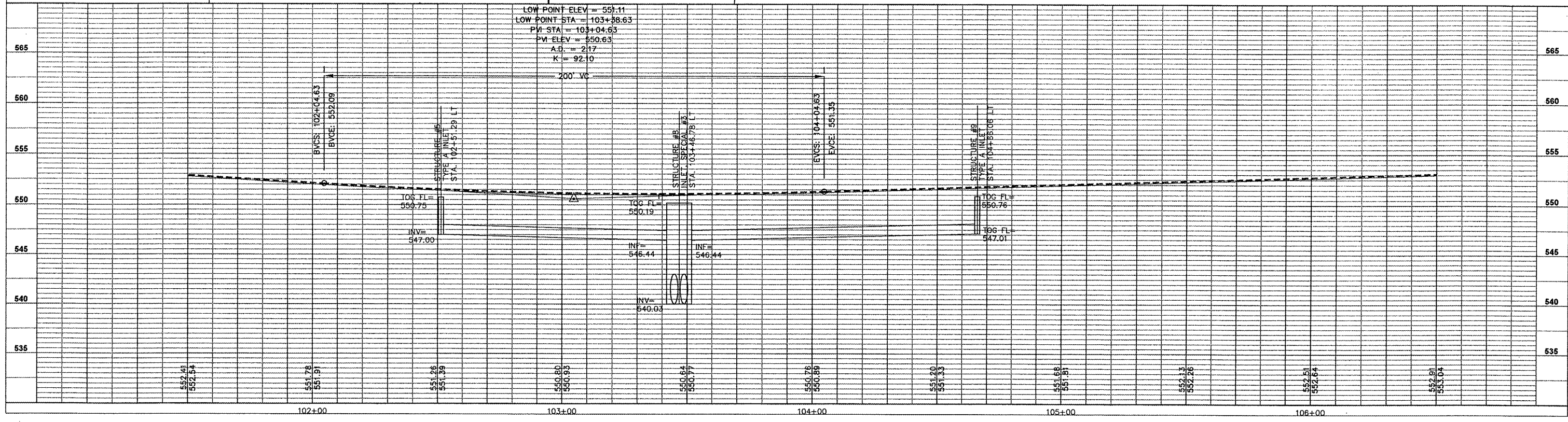
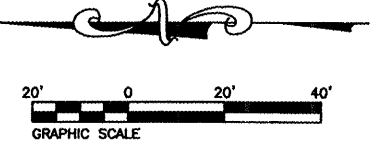
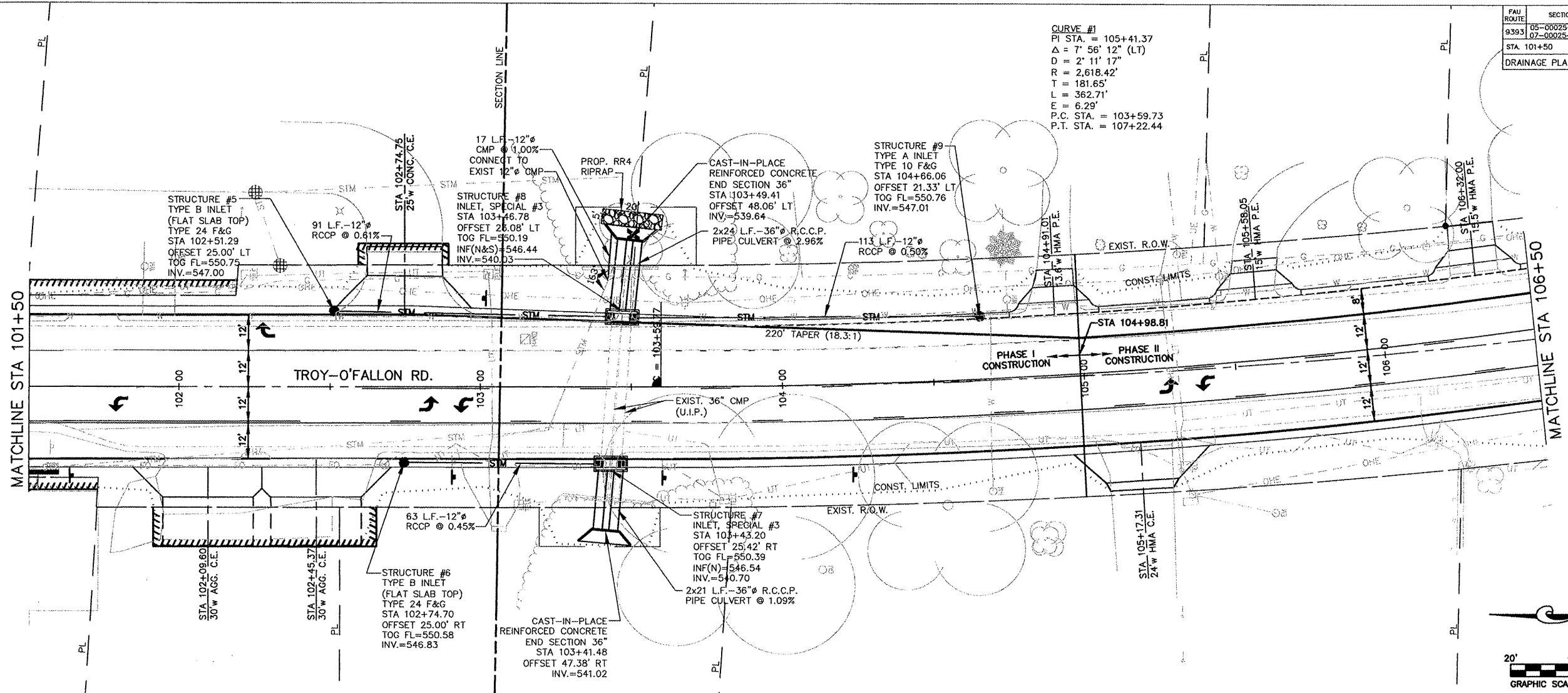
DRAINAGE PLAN AND PROFILE
CONTRACT NO. 97352



FAH ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	45
STA. 101+50		TO STA. 106+50		

DRAINAGE PLAN AND PROFILE
CONTRACT NO. 97352

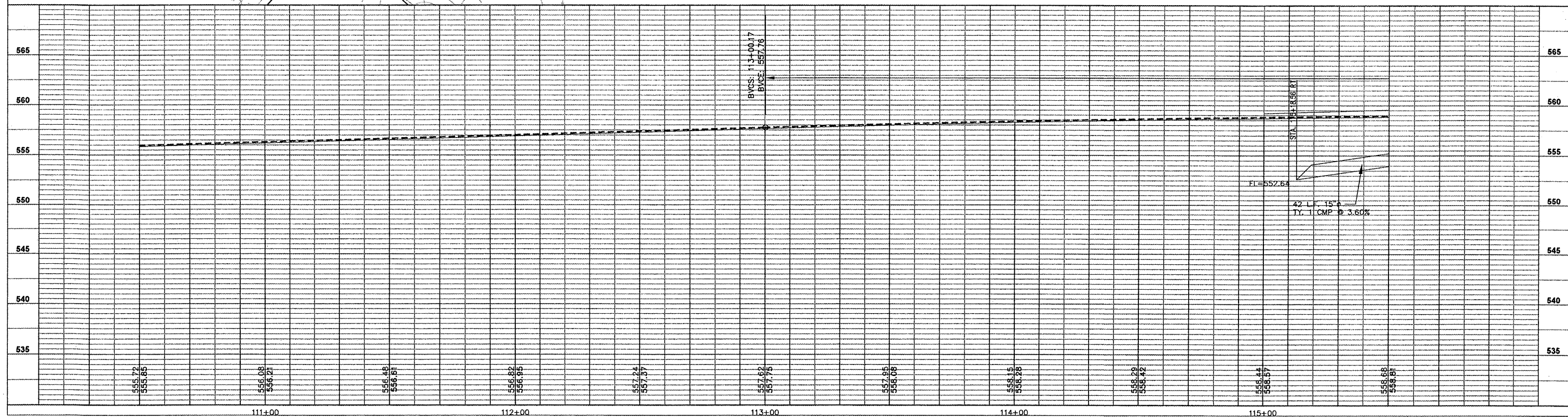
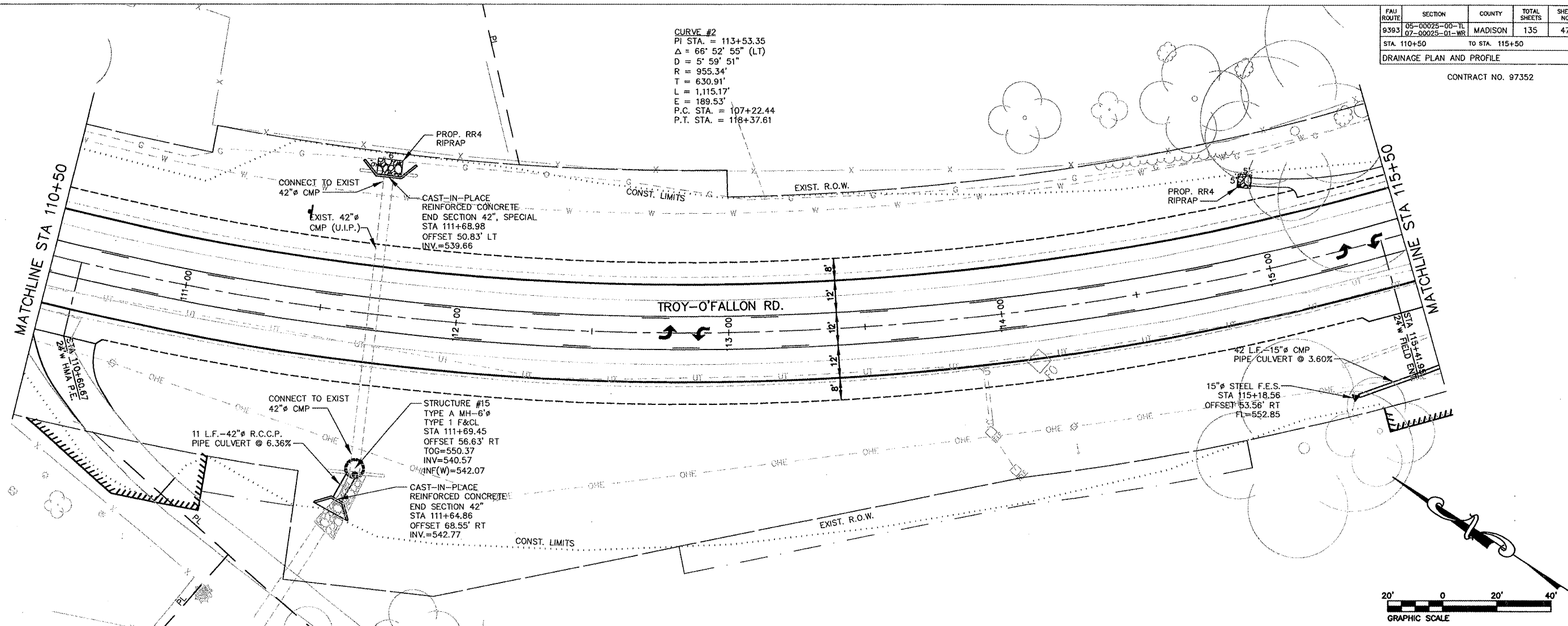
CURVE #1
PI STA. = 105+41.37
 $\Delta = 7' 56'' 12''$ (LT)
 $D = 2' 11' 17''$
 $R = 2,618.42'$
 $T = 181.65'$
 $L = 362.71'$
 $E = 6.29'$
P.C. STA. = 103+59.73
P.T. STA. = 107+22.44



PAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL	MADISON	135	47
07-00023-01-WR				
STA. 110+50		TO STA. 115+50		
DRAINAGE PLAN AND PROFILE				

CONTRACT NO. 97352

CURVE #2
 PI STA. = 113+53.35
 $\Delta = 66^\circ 52' 55''$ (LT)
 $D = 5^\circ 59' 51''$
 $R = 955.34'$
 $T = 630.91'$
 $L = 1,115.17'$
 $E = 189.53'$
 P.C. STA. = 107+22.44
 P.T. STA. = 118+37.61



555.72
555.85

556.08
556.21

556.46
556.51

556.82
556.95

557.24
557.37

BVCS: 113+00.17
BYCE: 557.76

557.62
557.75

557.95
558.08

558.15
558.28

558.29
558.42

558.44
558.57

558.66
558.81

111+00

112+00

113+00

114+00

115+00

535

540

545

550

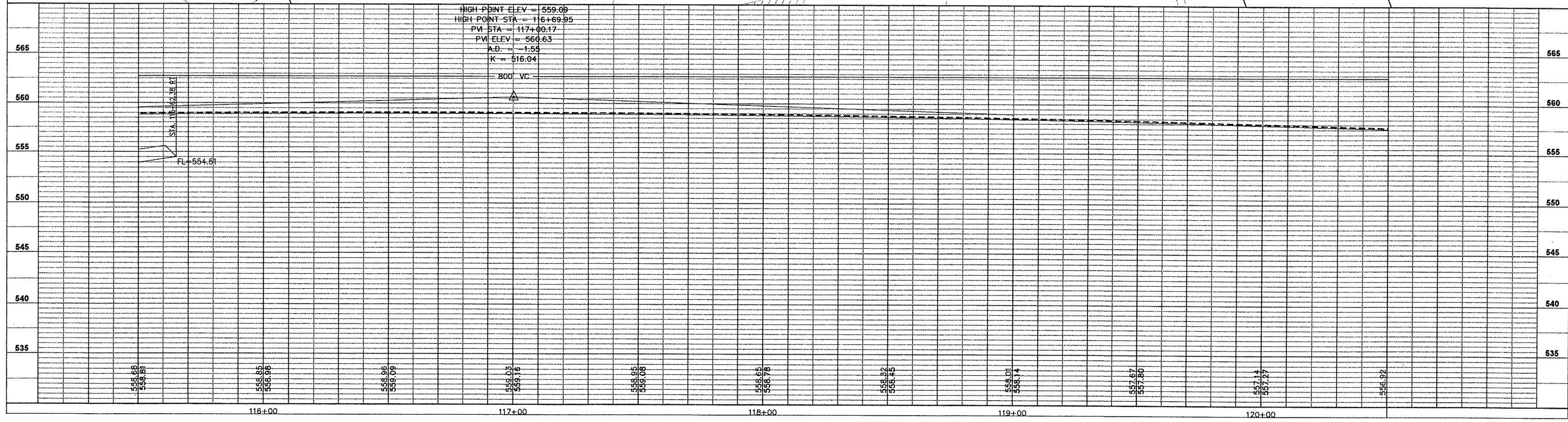
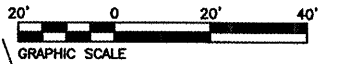
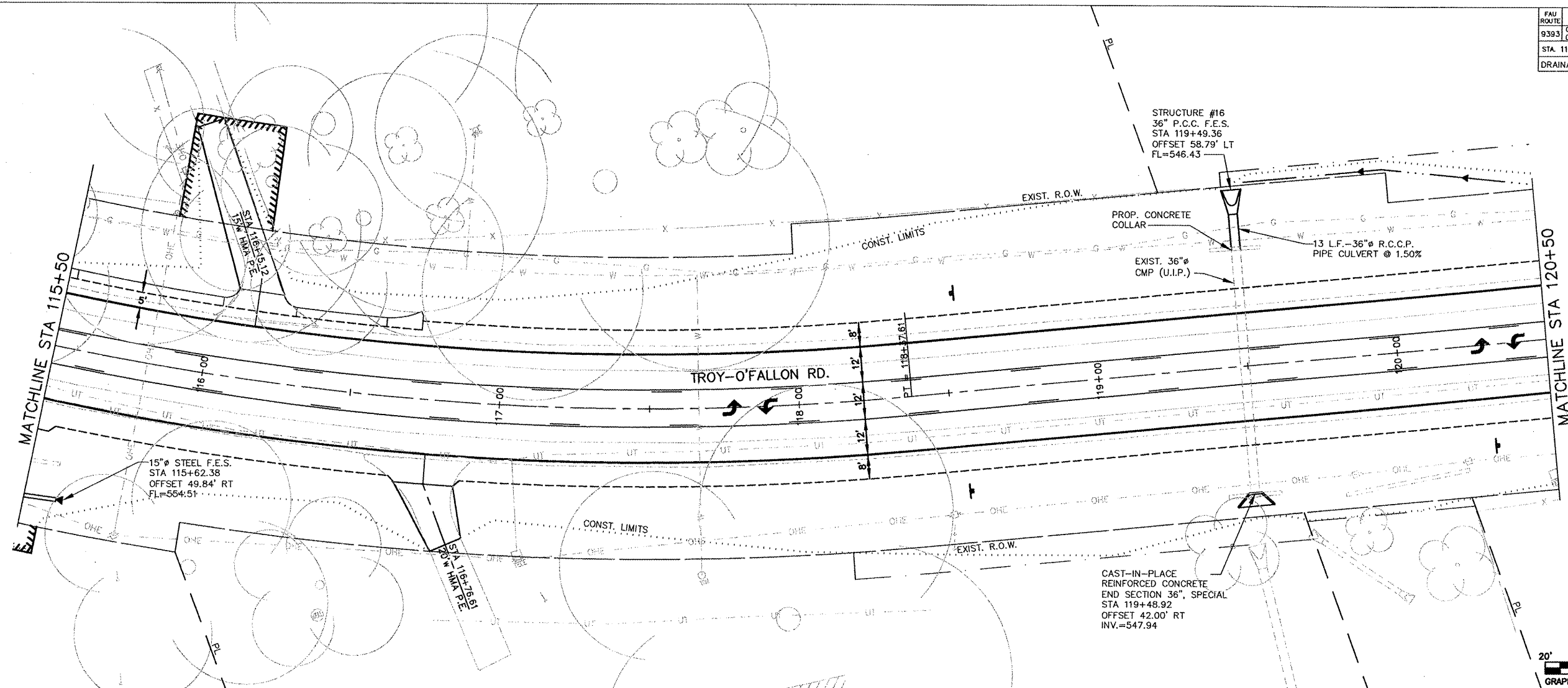
555

560

565

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL	MADISON	135	48
STA 115+50		TO STA. 120+50		

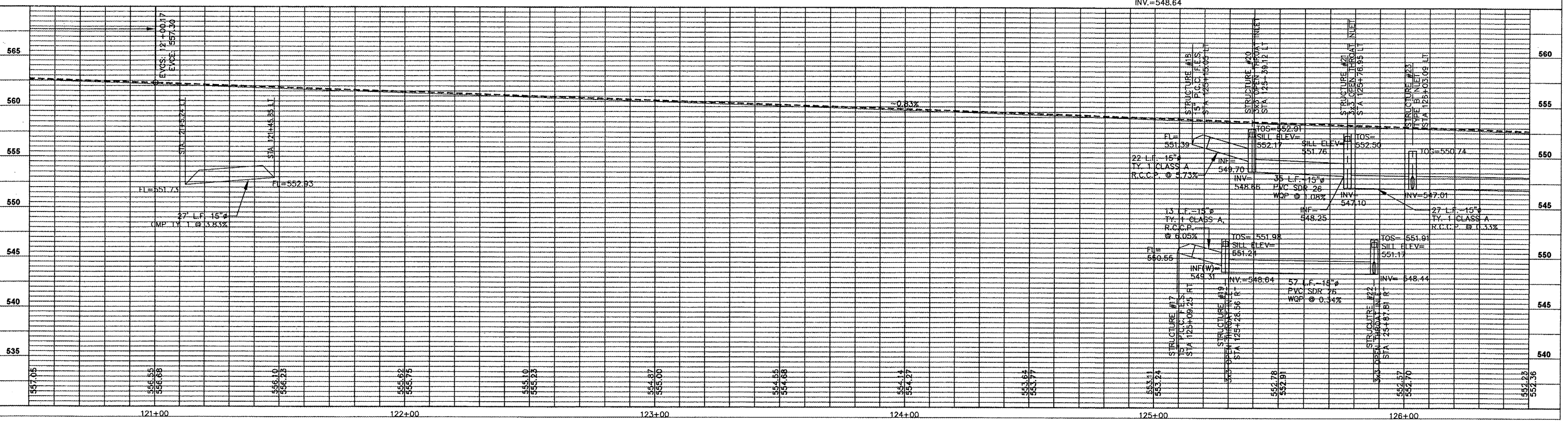
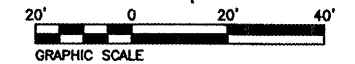
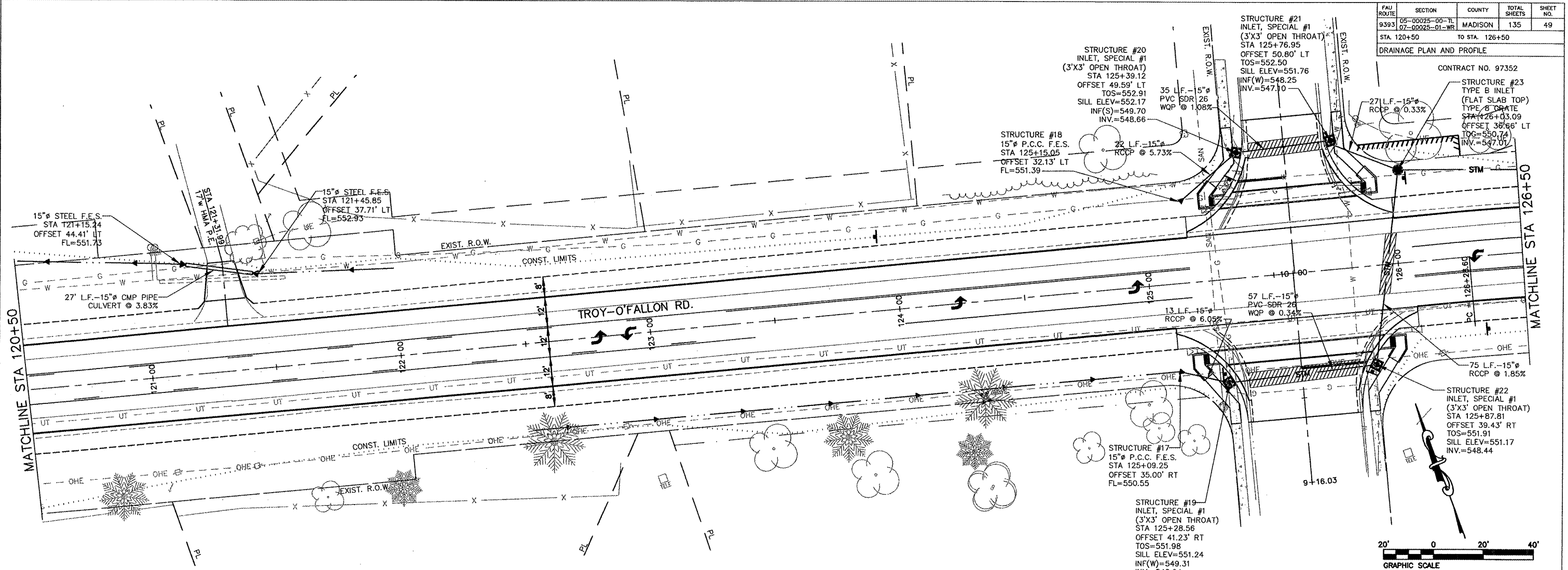
CONTRACT NO. 97352



PAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-0025-00-TL 07-0025-01-WR	MADISON	135	49
STA. 120+50		TO STA. 126+50		

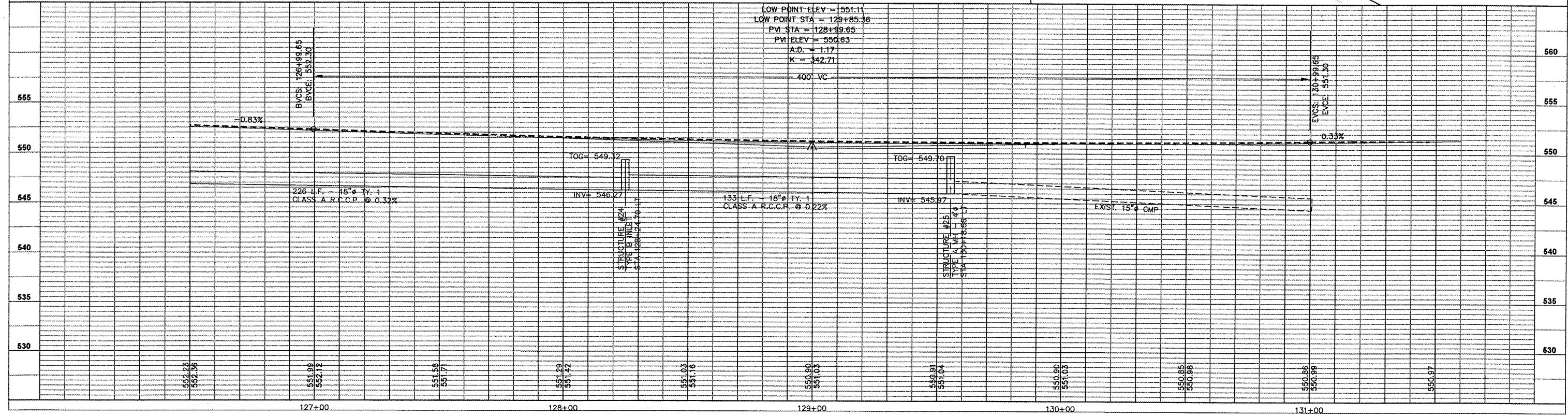
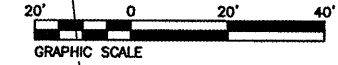
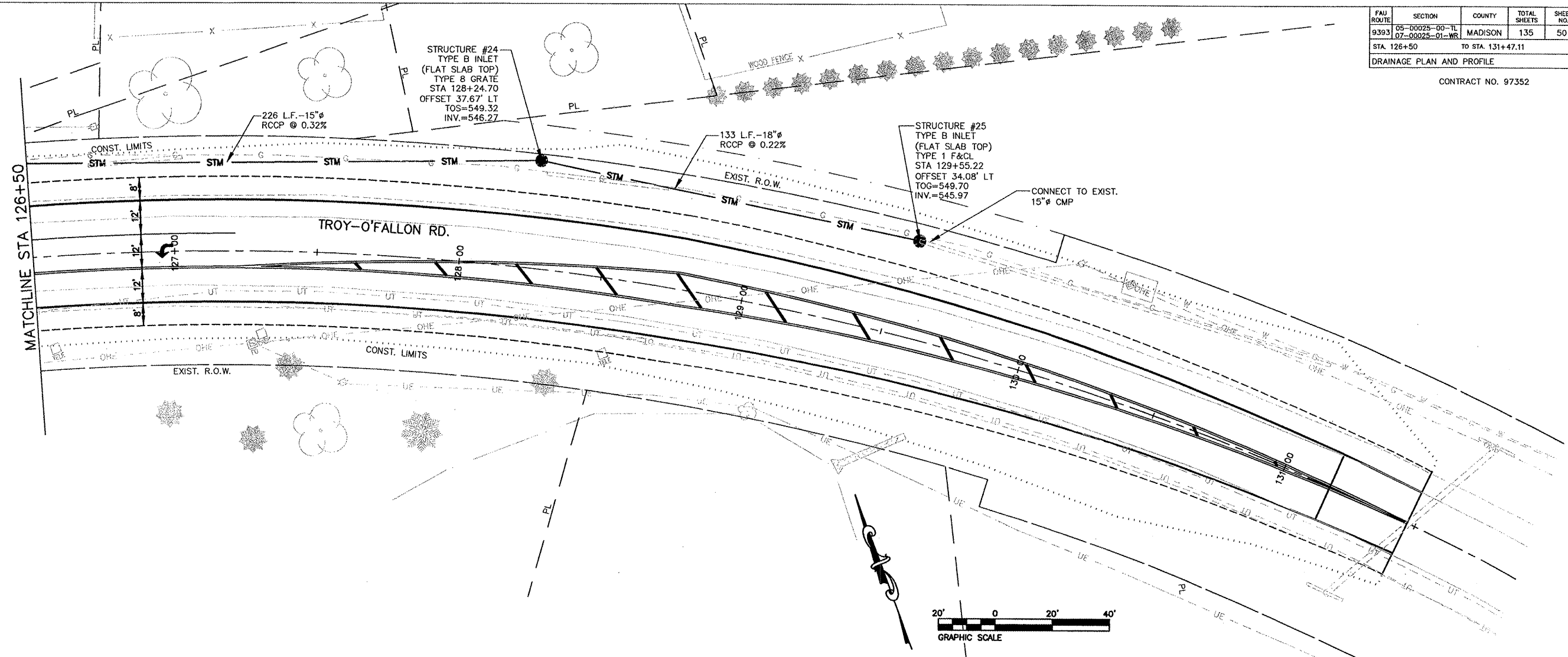
DRAINAGE PLAN AND PROFILE

CONTRACT NO. 97352



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-1L 07-00025-01-WR	MADISON	135	50
STA. 126+50		TO STA. 131+47.11		
DRAINAGE PLAN AND PROFILE				

CONTRACT NO. 97352



FIR	SECTION	COUNTY	TOTAL	SHEET
NO.			SHEETS	NO.
793	05-0025-00-TL	MADISON	135	51
	07-0025-01-WR			
STA. 237+44.46		TO STA. 242+50		
RIGHT-OF-WAY PLAN SHEETS				

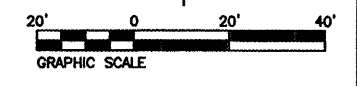
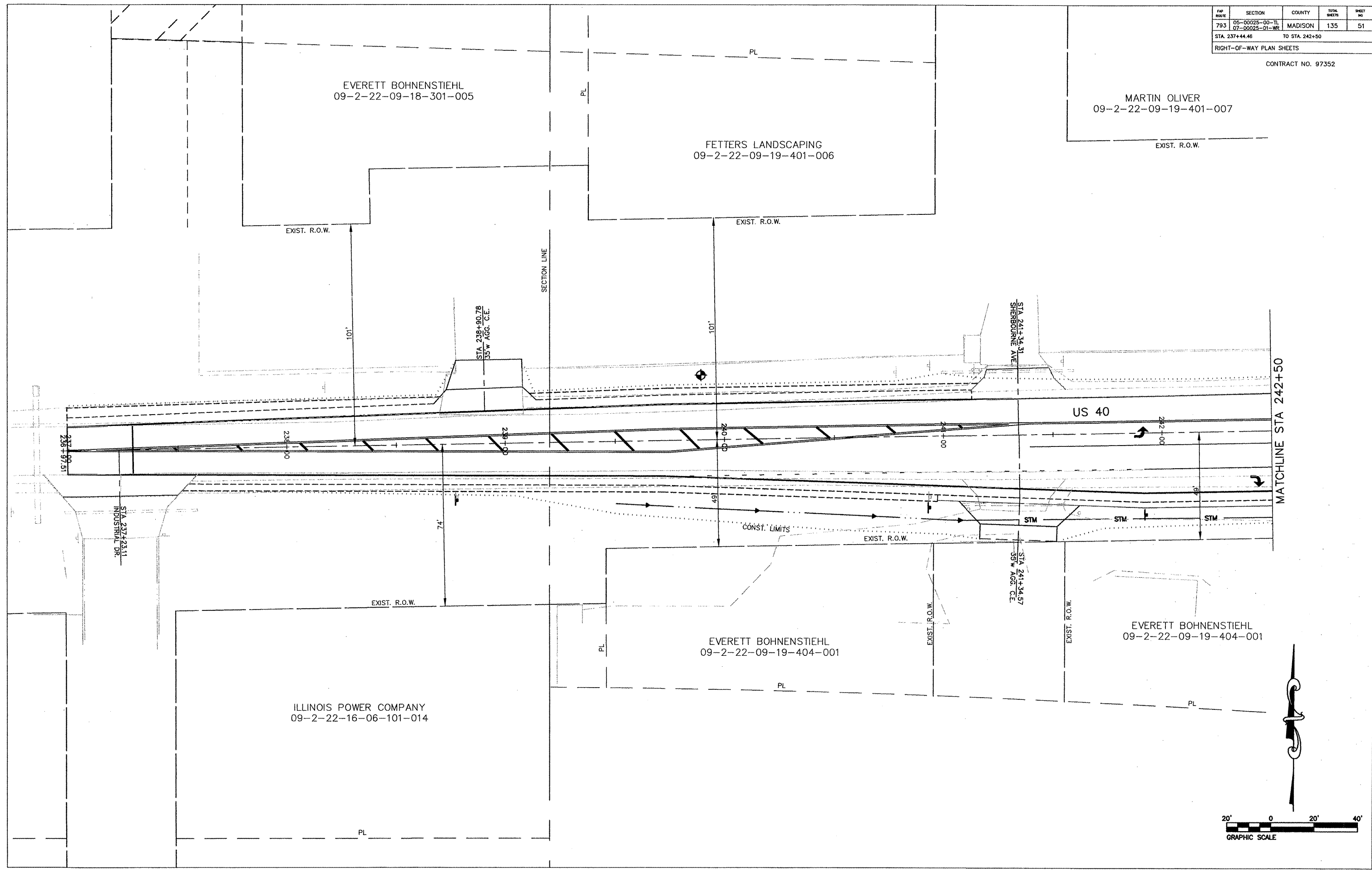
CONTRACT NO. 97352

EVERETT BOHNENSTIEHL
09-2-22-09-18-301-005

FETTERS LANDSCAPING
09-2-22-09-19-401-006

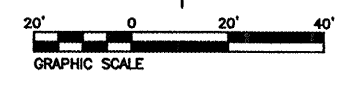
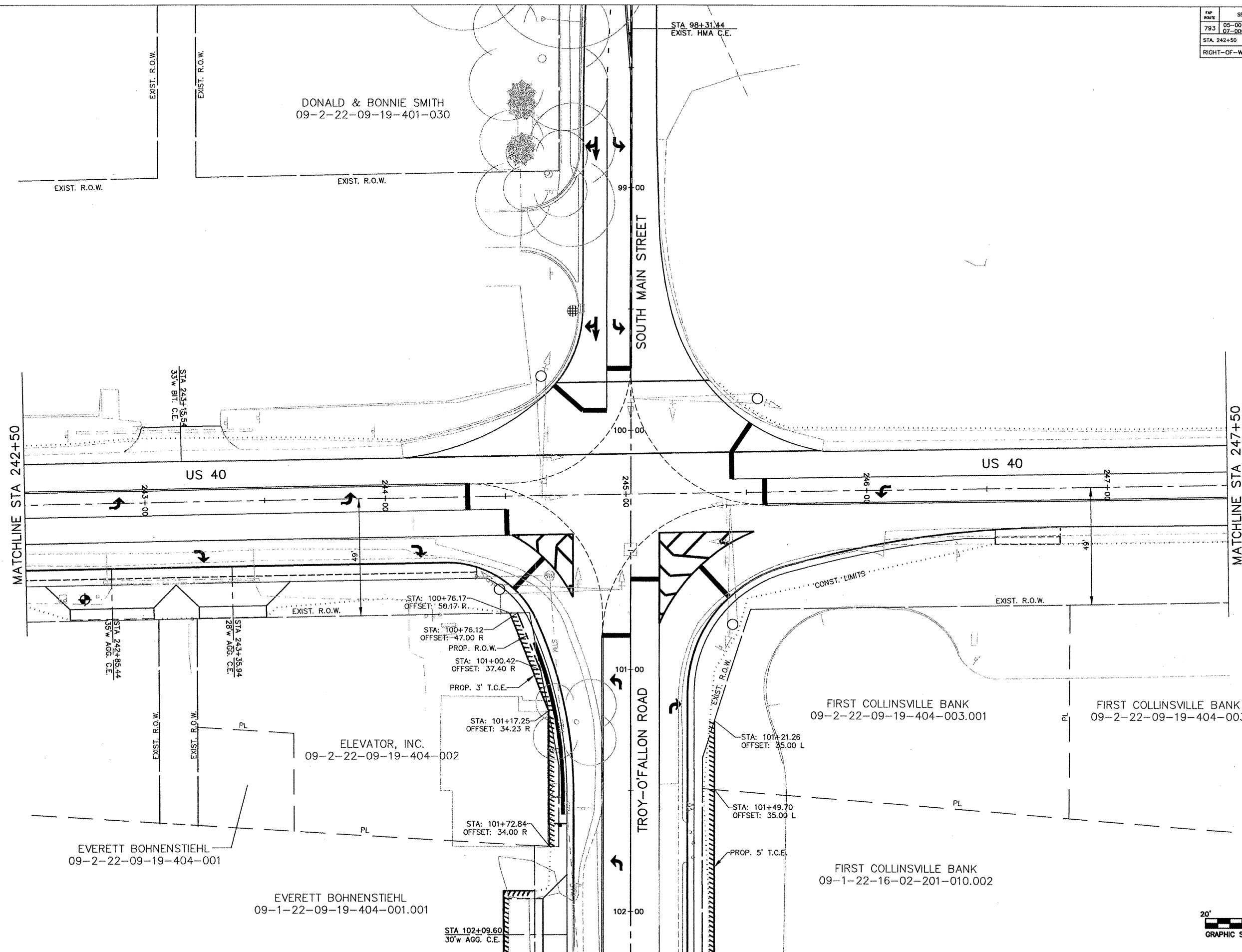
MARTIN OLIVER
09-2-22-09-19-401-007

EXIST. R.O.W.



F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00028-01-WR	MADISON	135	52
STA. 242+50		TO STA. 247+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	53
STA. 247+50		TO STA. 252+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352

JEFFREY & CHRISTINE COUNTON
09-2-22-09-19-403-008.008

MICHAEL HENDERSON
09-2-22-09-19-403-011

CHRISTOPHER & TERESA HALE
09-2-22-09-19-403-010

WENDI SELLERS
09-2-22-09-19-402-029.001

NEIL GOODWIN
09-1-22-09-19-404-005

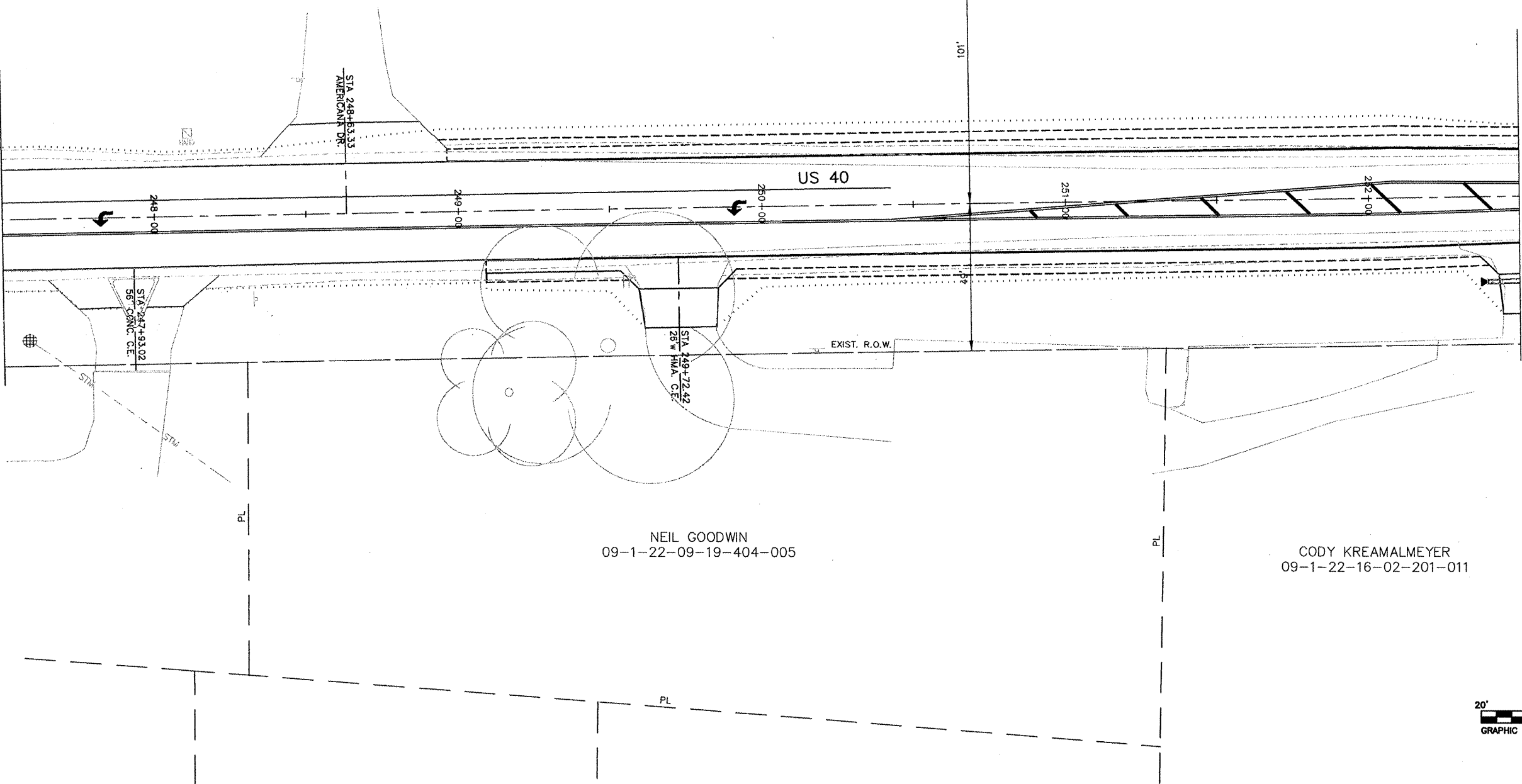
CODY KREAMALMEYER
09-1-22-16-02-201-011

MATCHLINE STA 247+50

MATCHLINE STA 252+50

US 40

EXIST. R.O.W.



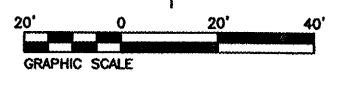
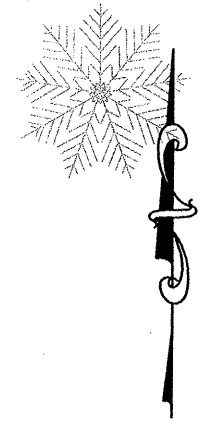
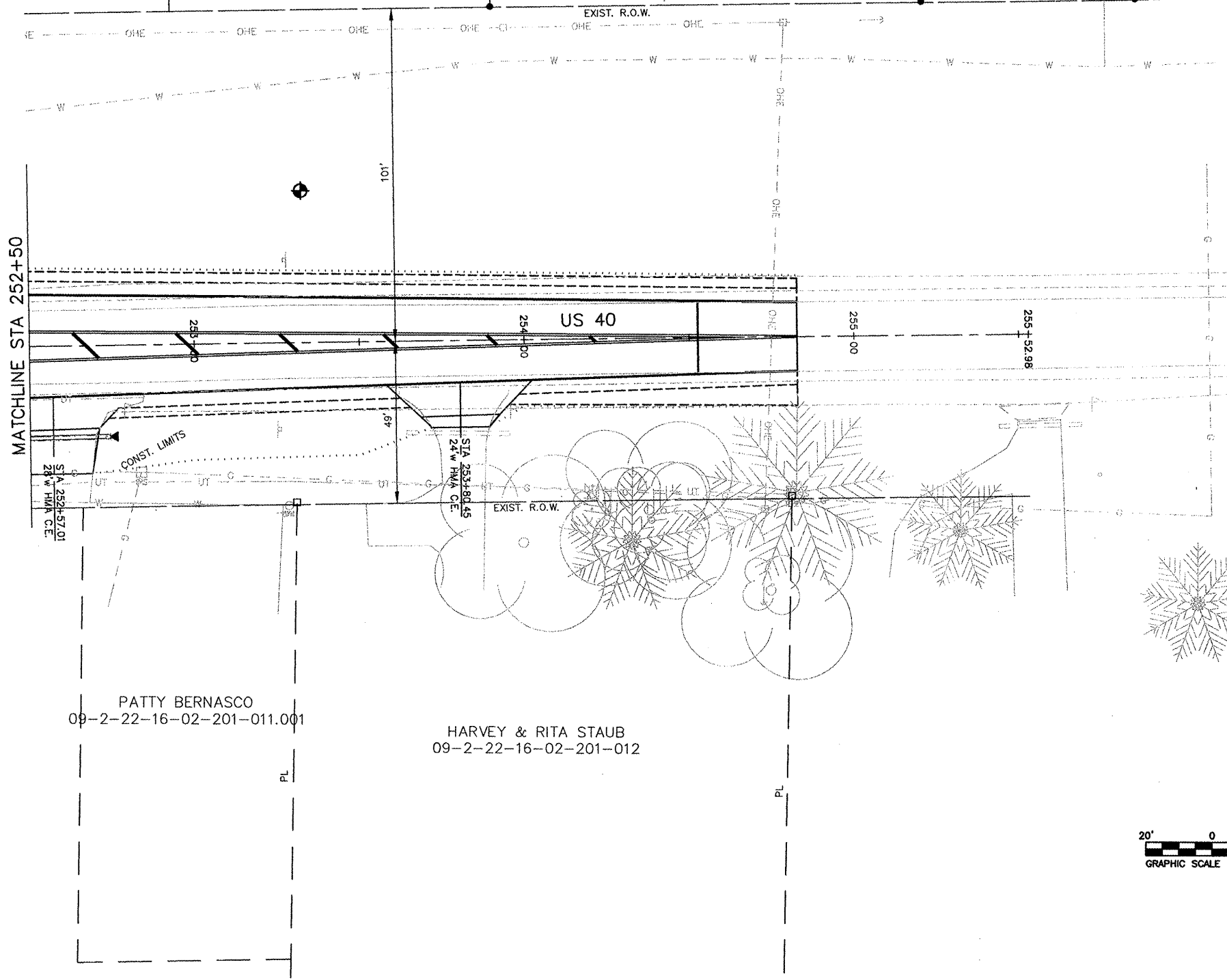
EXP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL	MADISON	135	54
STA. 252+50		TO STA. 254+37.64		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97342

WENDI SELLERS
09-2-22-09-20-402-029

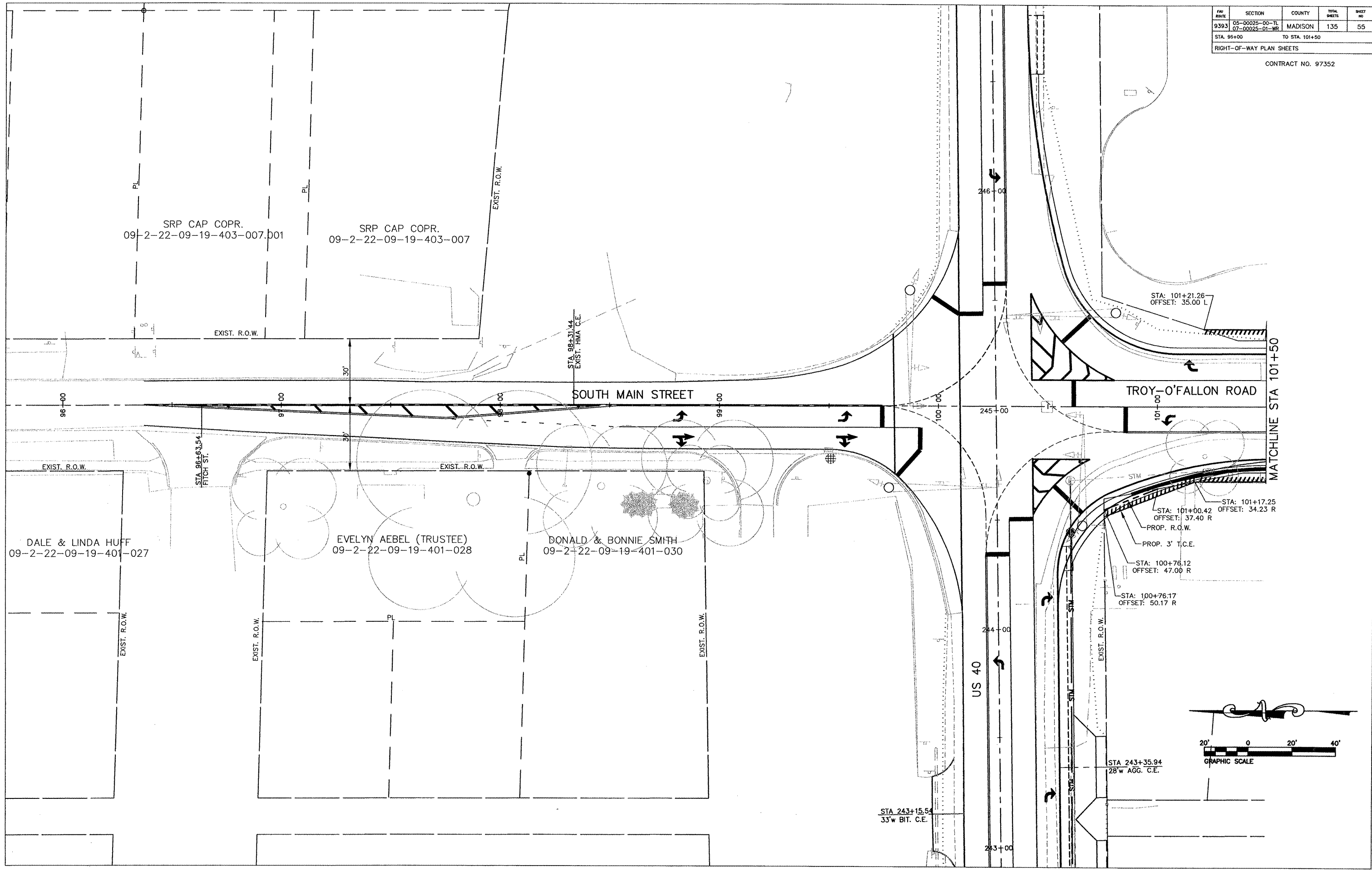
RICKY & VALERIE GROETEK
09-2-22-09-20-402-025

MATCHLINE STA 252+50



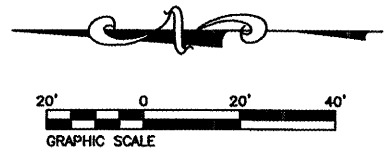
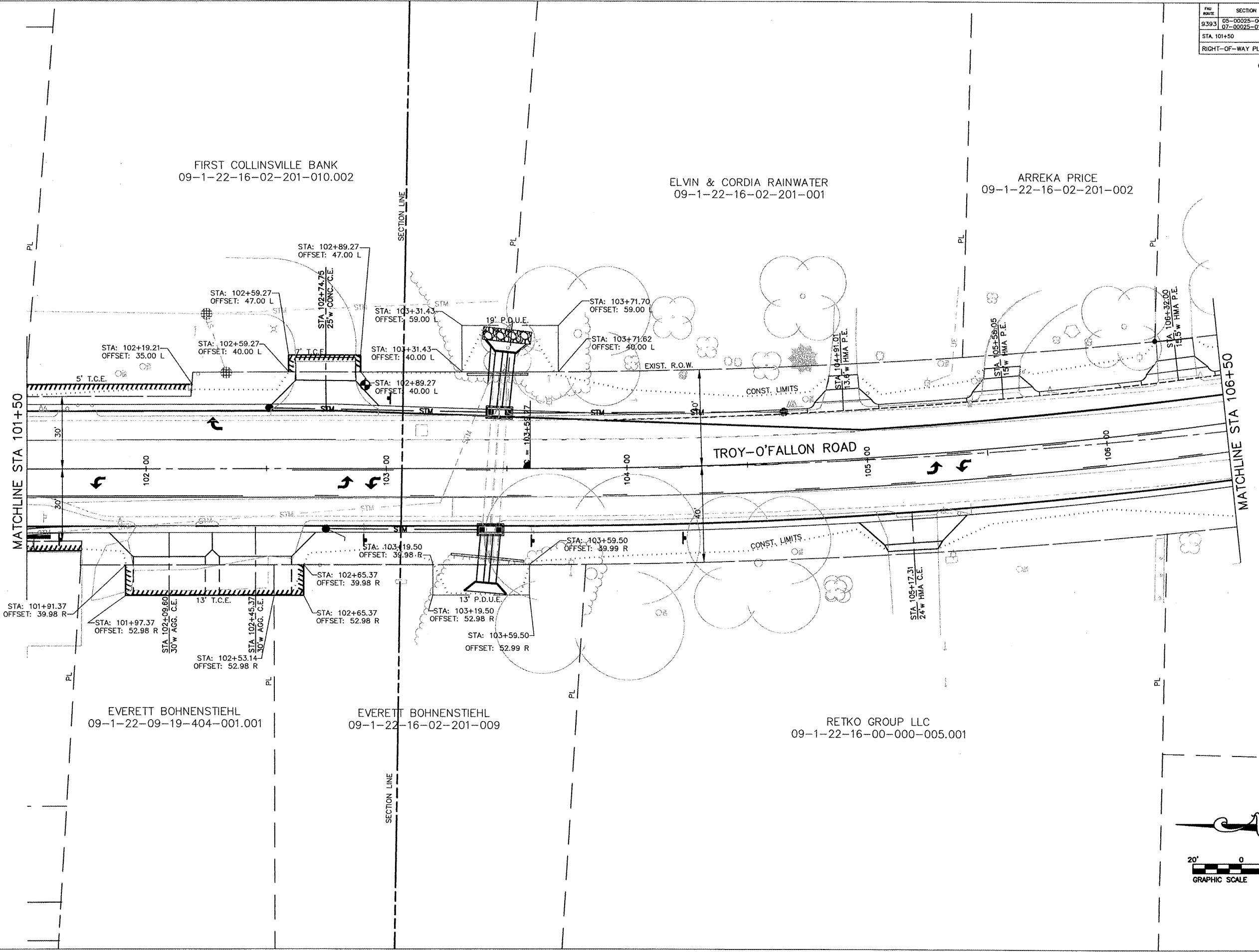
FA#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	55
STA. 96+00		TO STA. 101+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352



FA#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-0025-00-TL	MADISON	135	56
	07-0025-01-WR			
STA. 101+50		TO STA. 106+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9393	05-00025-00-IL 07-00025-01-WR	MADISON	135	57
STA. 106+50		TO STA. 111+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352

ABE & CHERYL CYRUS
BOOK 4476 PAGE 4977

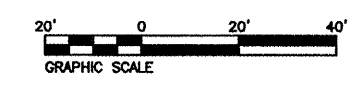
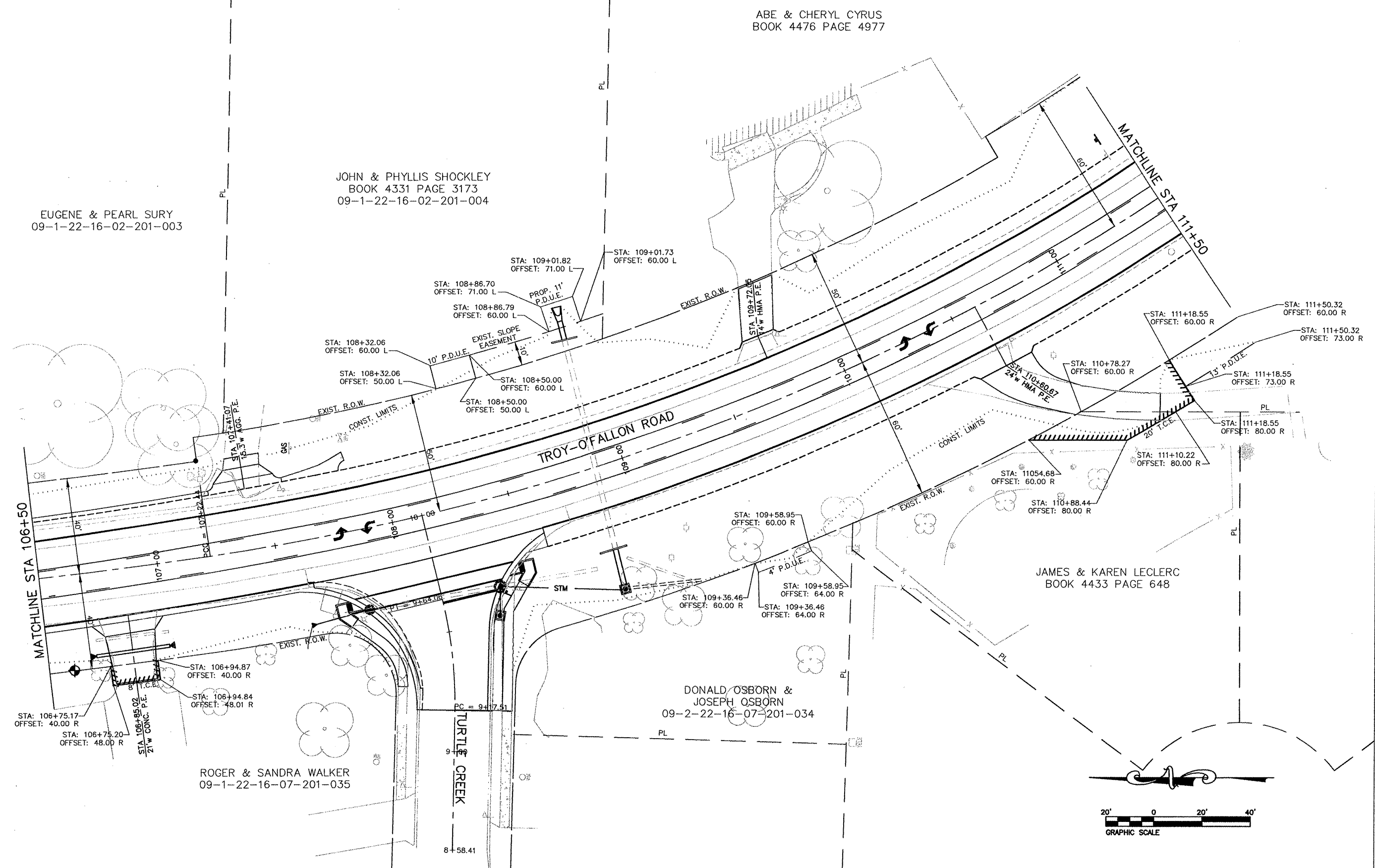
JOHN & PHYLLIS SHOCKLEY
BOOK 4331 PAGE 3173
09-1-22-16-02-201-004

EUGENE & PEARL SURY
09-1-22-16-02-201-003

JAMES & KAREN LECLERC
BOOK 4433 PAGE 648

DONALD OSBORN &
JOSEPH OSBORN
09-2-22-16-07-201-034

ROGER & SANDRA WALKER
09-1-22-16-07-201-035

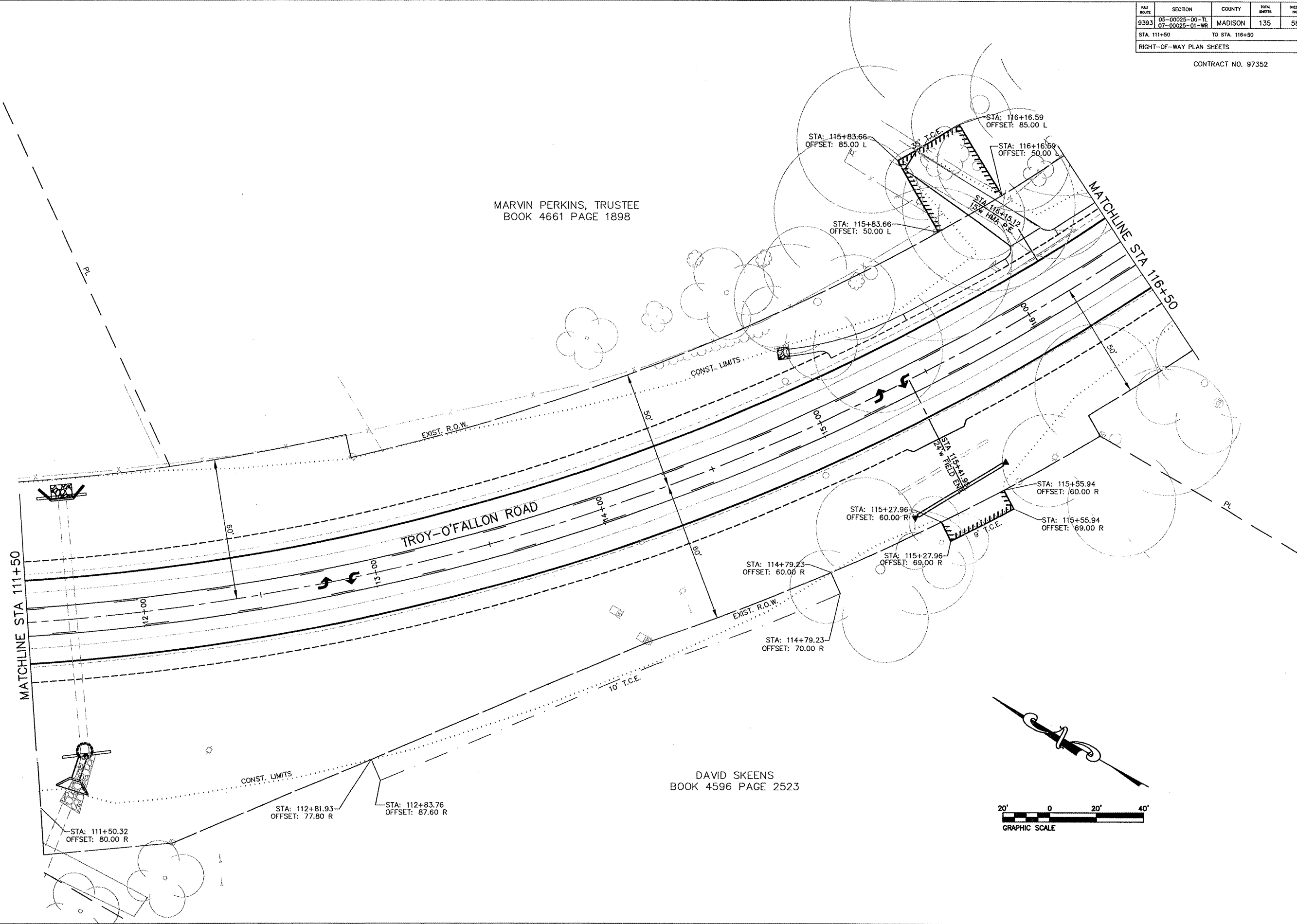


FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	58
STA. 111+50		TO STA. 116+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352

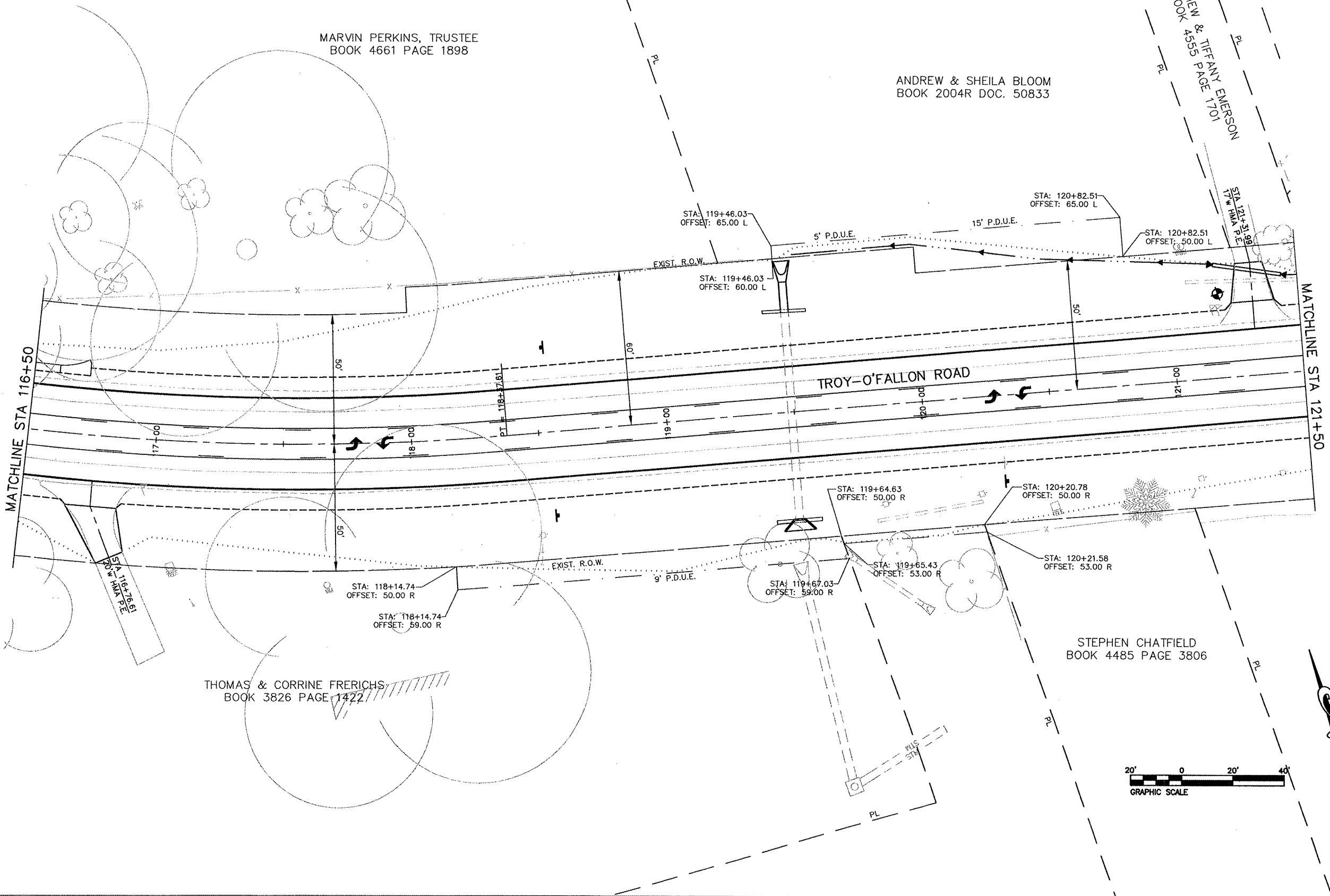
MARVIN PERKINS, TRUSTEE
BOOK 4661 PAGE 1898

DAVID SKEENS
BOOK 4596 PAGE 2523



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL	MADISON	135	59
	07-00025-01-WR			
STA 116+50		TO STA 121+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	60
STA. 121+50		TO STA. 126+50		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352

JAMES & JOANNA REED
BOOK 4444 PAGE 2837

SHARON CRUMBLEY
BOOK 4622 PAGE 6147

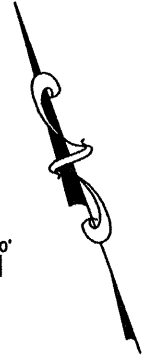
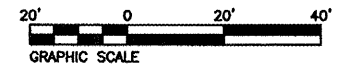
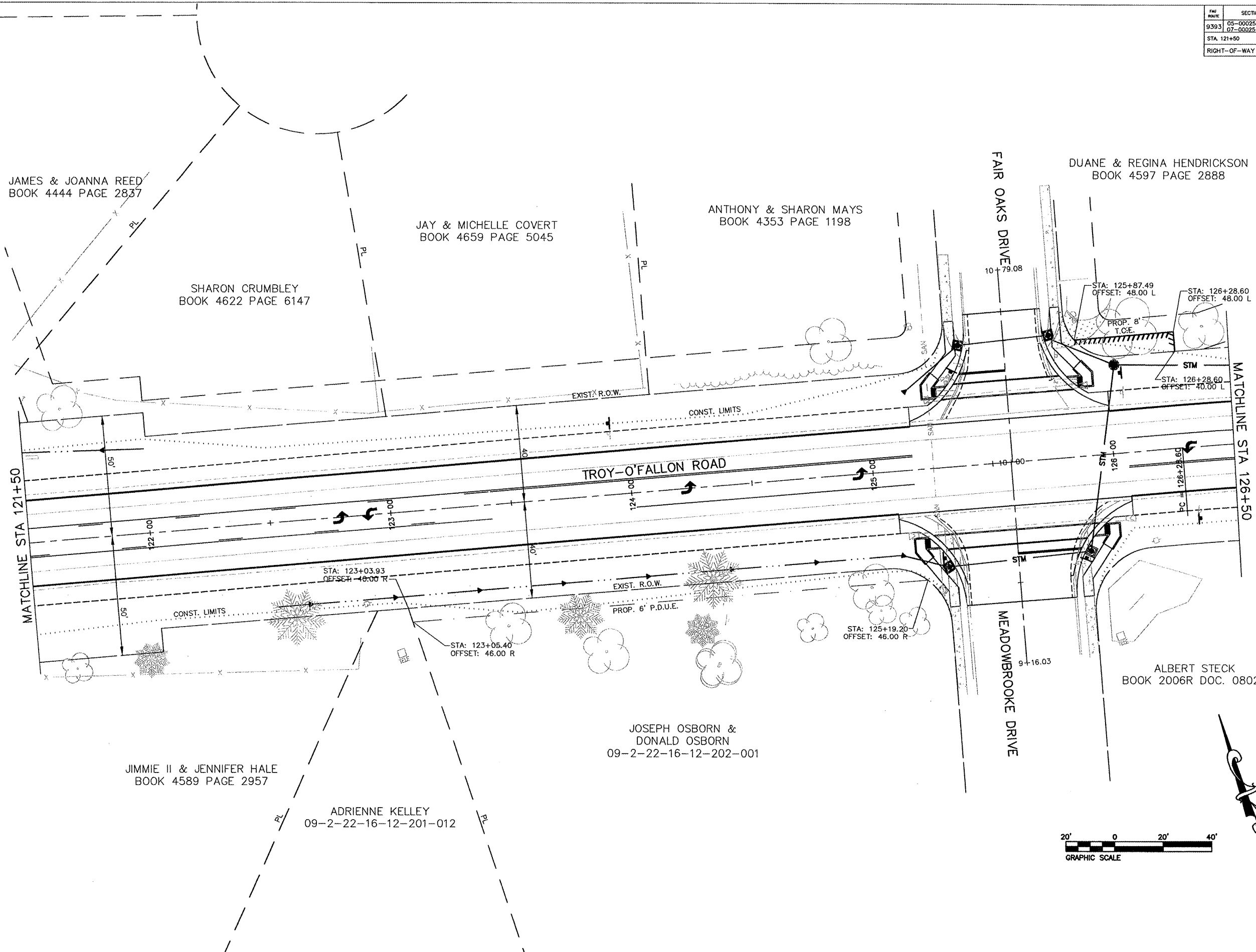
JAY & MICHELLE COVERT
BOOK 4659 PAGE 5045

ANTHONY & SHARON MAYS
BOOK 4353 PAGE 1198

DUANE & REGINA HENDRICKSON
BOOK 4597 PAGE 2888

MATCHLINE STA 121+50

MATCHLINE STA 126+50



FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-1L 07-00025-01-WR	MADISON	135	61
STA. 126+50		TO STA. 131+47.11		
RIGHT-OF-WAY PLAN SHEETS				

CONTRACT NO. 97352

JOSEPH & DIANE NEWSOM
BOOK 4410 PAGE 766
BOOK 4628 PAGE 4601

JAMES & TARA NEWCOMBE
BOOK 4028 PAGE 4595
BOOK 2006R DOC. 37418

JOHN JR. & SUSAN PENN
BOOK 4521 PAGE 4759

STA: 127+61.34
OFFSET: 40.00 L

STA: 128+10.84
OFFSET: 50.00 L

FLORENCE HELLMICH, TRUSTEE
P.M. OFFICE PARK, L.L.C. C.D.
BOOK 2006R DOC. 29420

STA: 130+01.23
OFFSET: 50.00 L

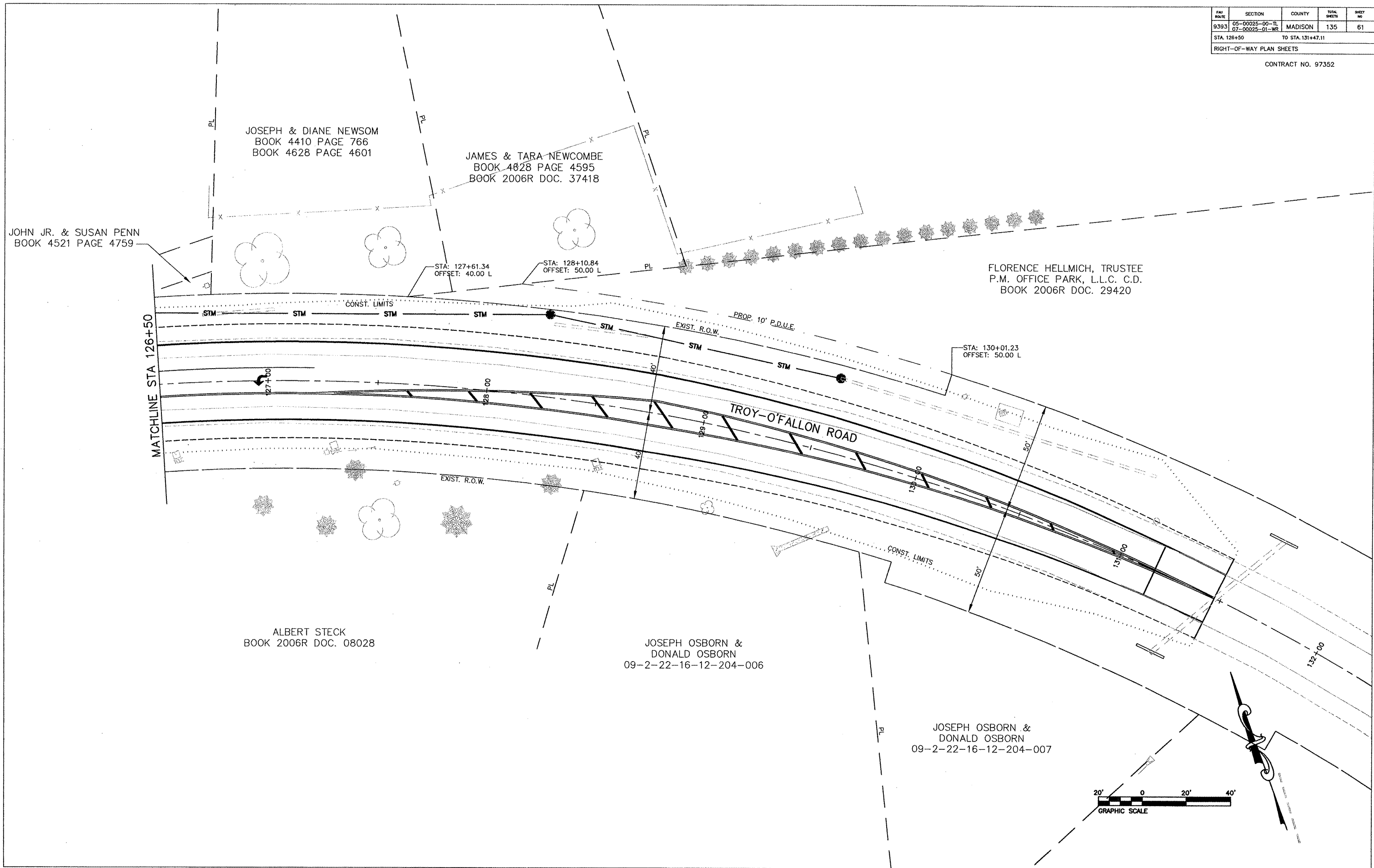
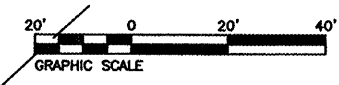
MATCHLINE STA 126+50

TROY-O'FALLON ROAD

ALBERT STECK
BOOK 2006R DOC. 08028

JOSEPH OSBORN &
DONALD OSBORN
09-2-22-16-12-204-006

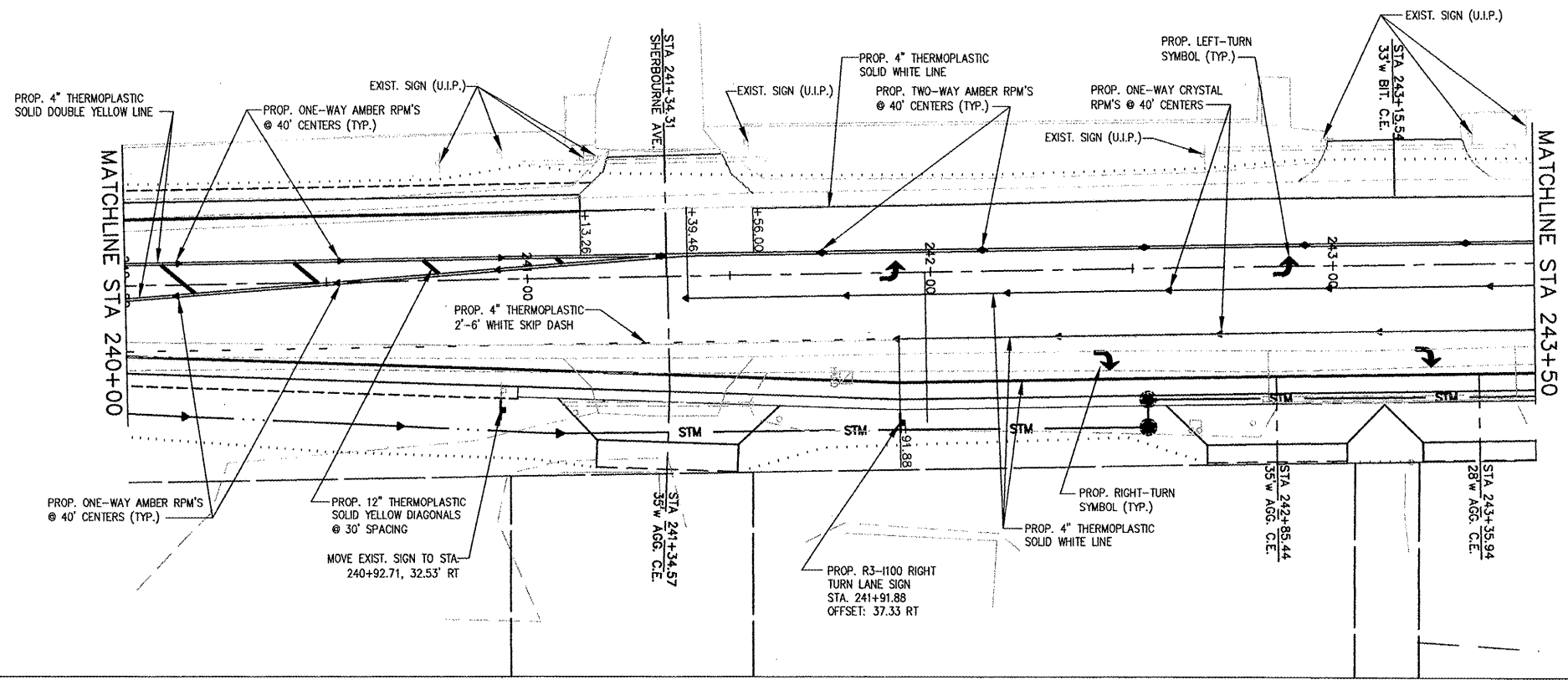
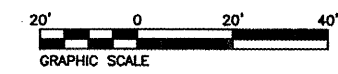
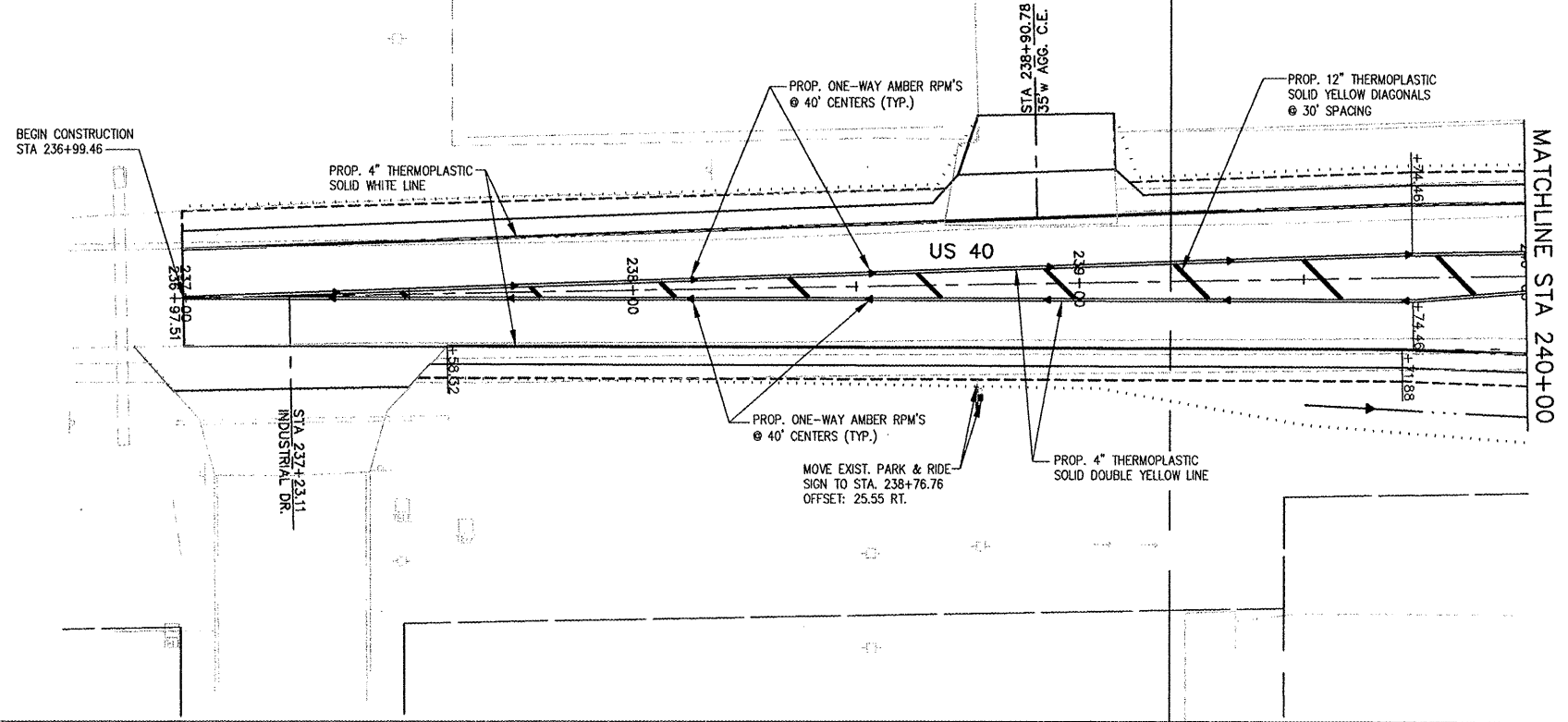
JOSEPH OSBORN &
DONALD OSBORN
09-2-22-16-12-204-007



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	62
STA. 236+99.46		TO STA. 243+50		

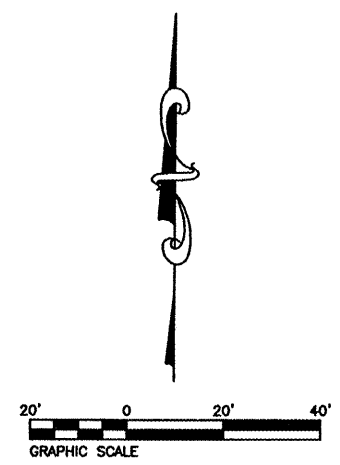
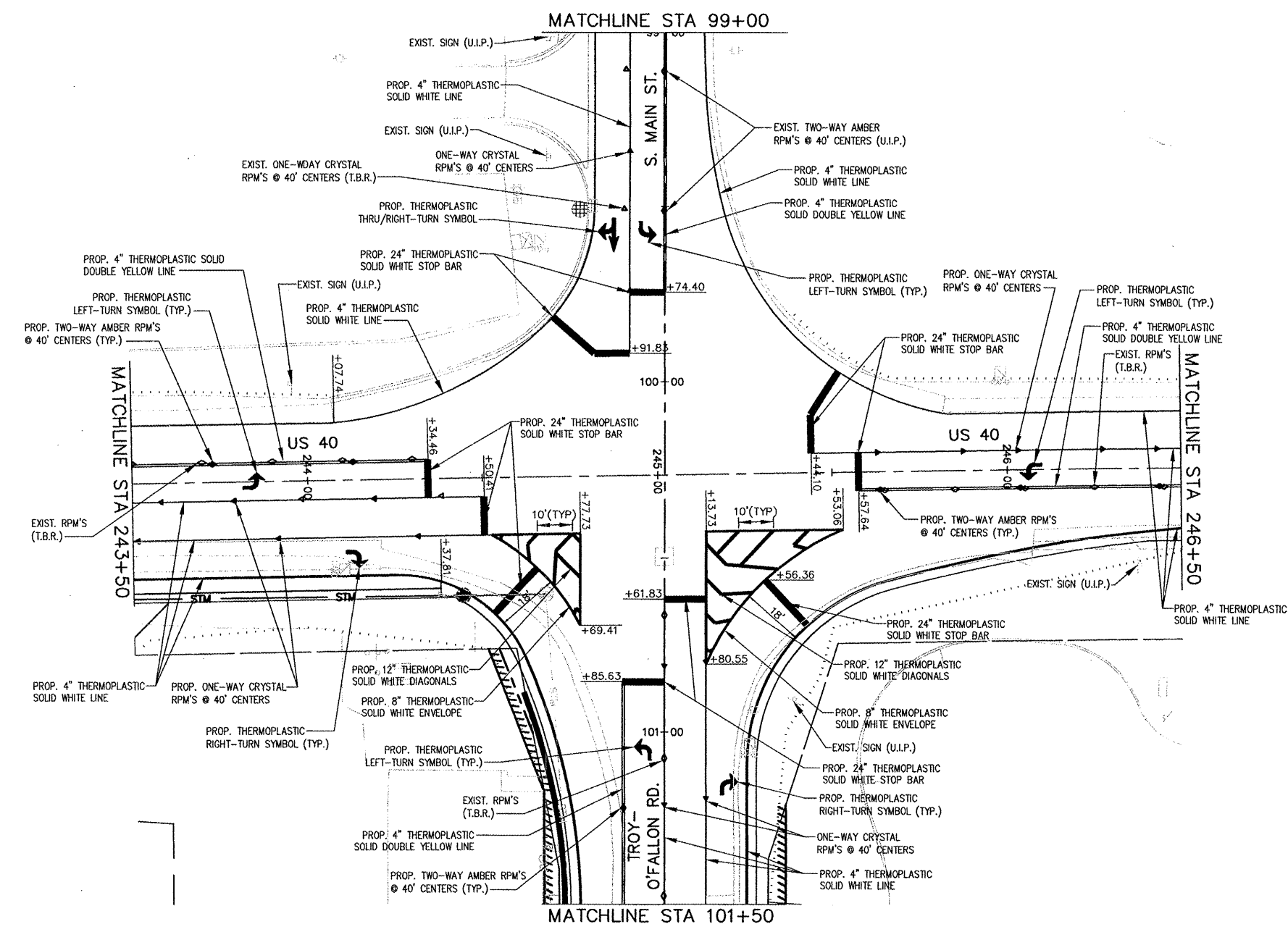
PAVEMENT MARKING AND SIGNAGE PLAN

CONTRACT NO. 97352



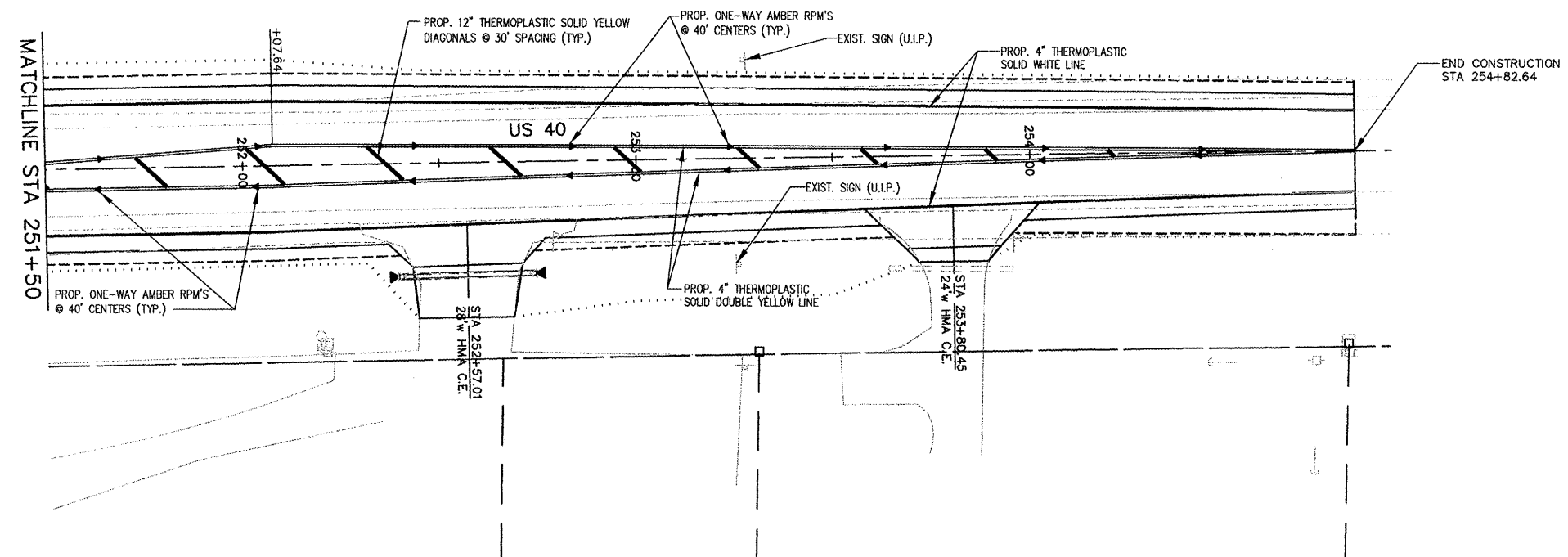
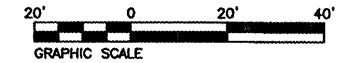
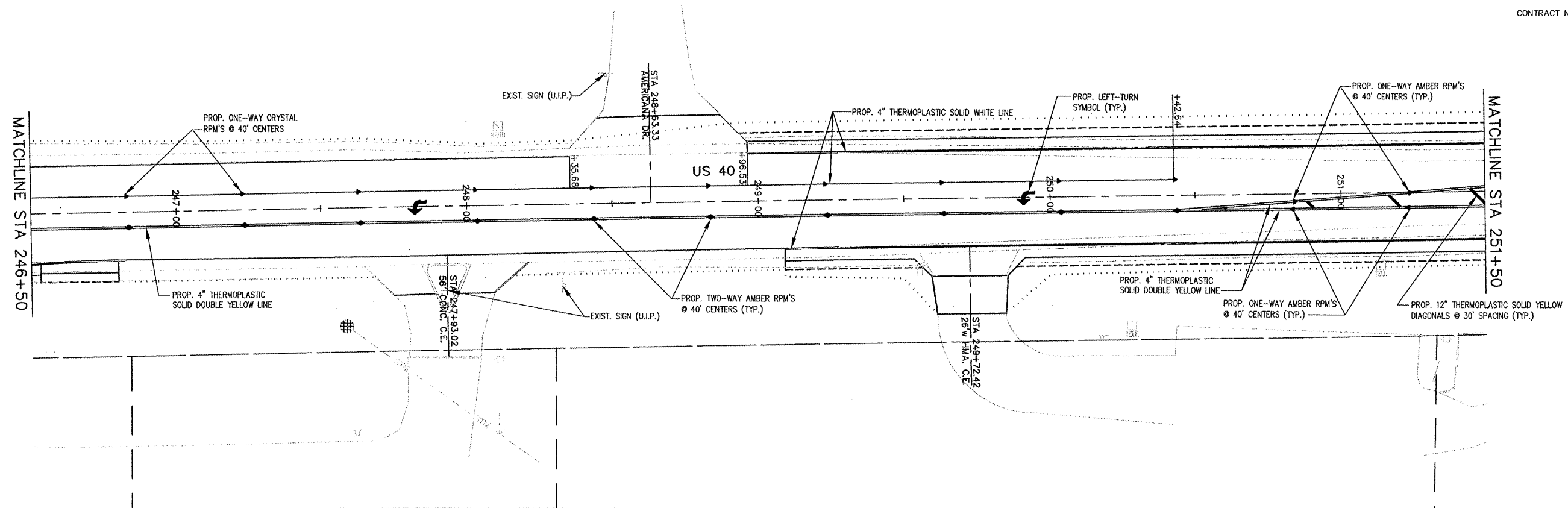
APP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	63
STA. 243+50/99+00		TO STA. 246+50/101+50		
PAVEMENT MARKING AND SIGNAGE PLAN				

CONTRACT NO. 97352



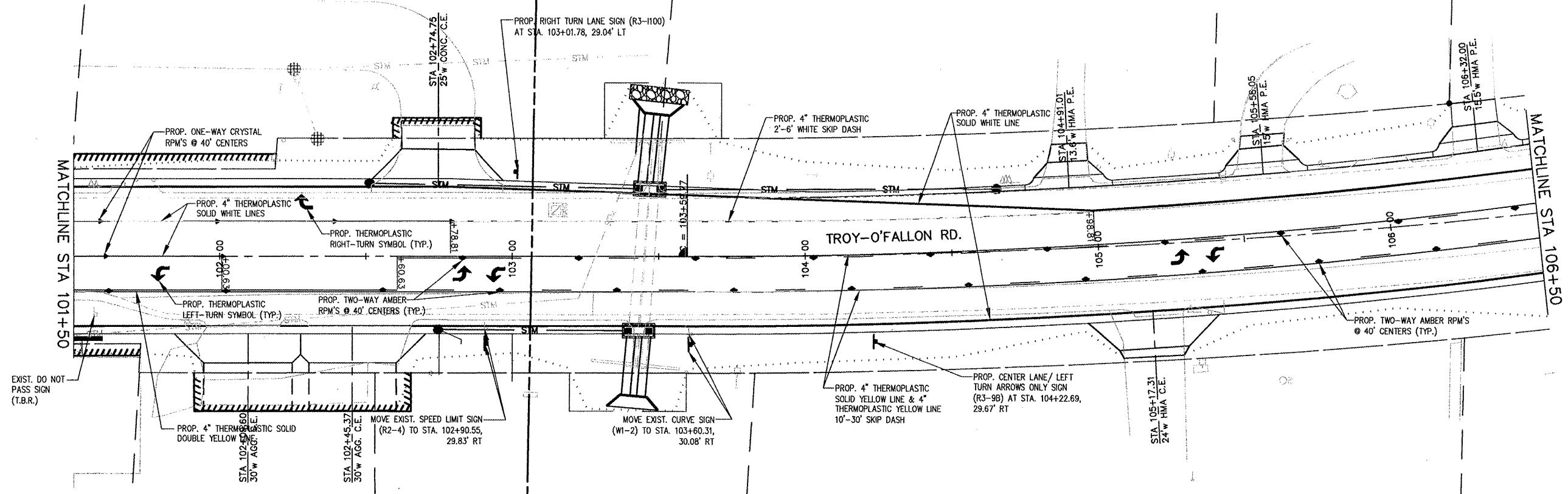
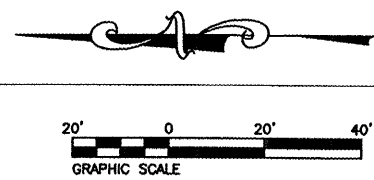
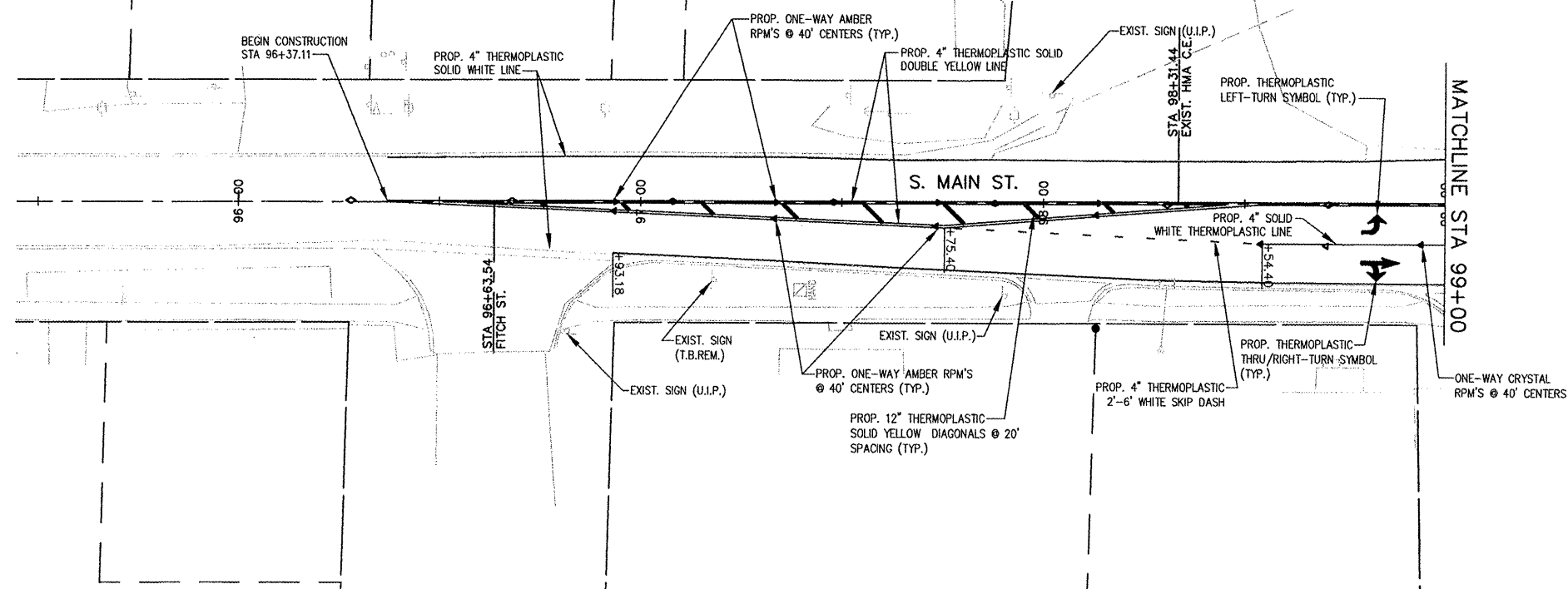
FAR ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	64
STA. 246+50		TO STA. 254+82.64		
PAVEMENT MARKING AND SIGNAGE PLAN				

CONTRACT NO. 97352



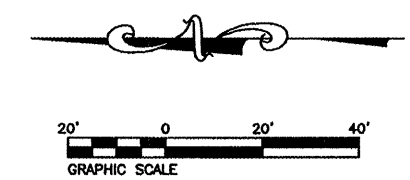
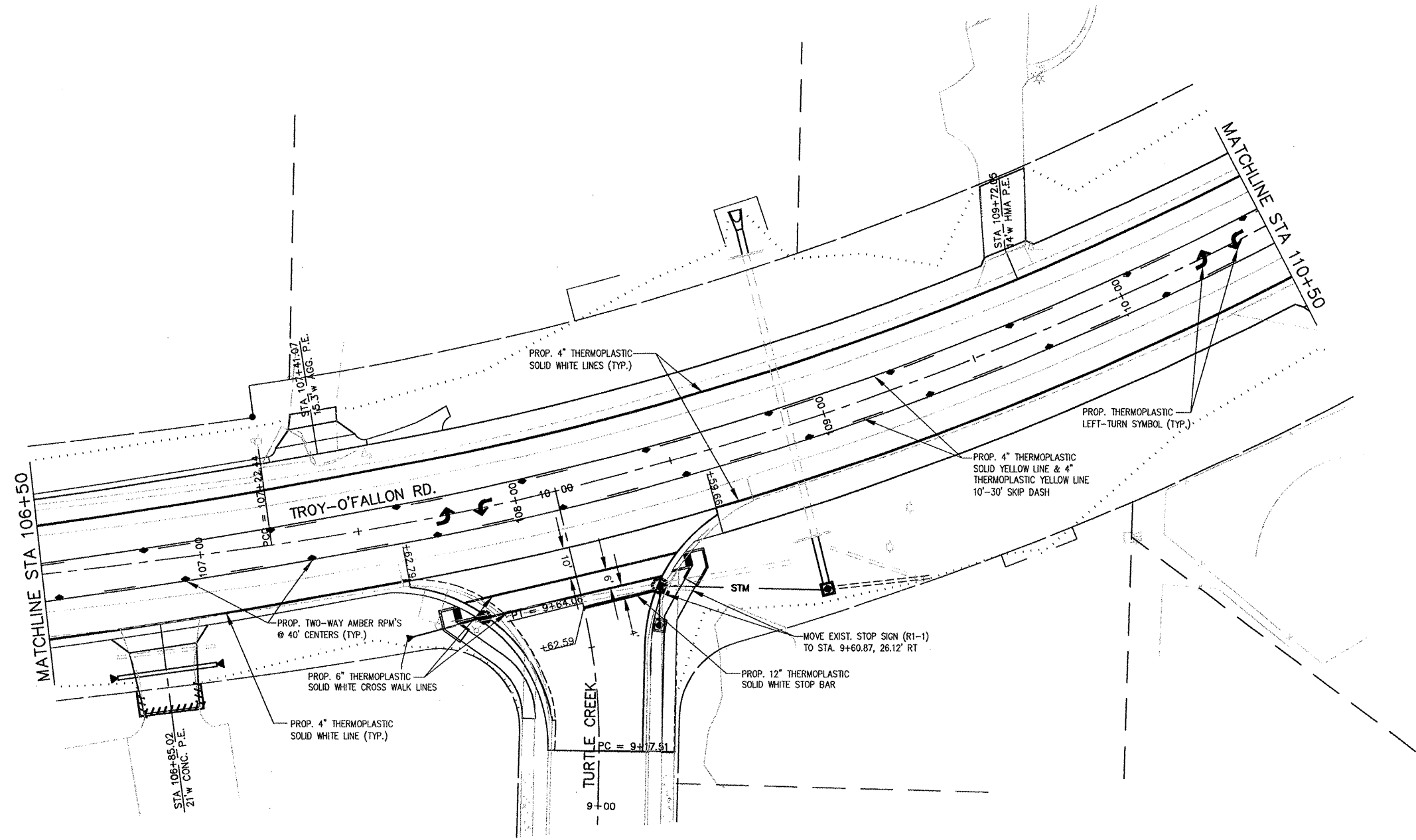
PAV ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-MR	MADISON	135	65
STA. 96+37.11		TO STA. 106+50		
PAVEMENT MARKING AND SIGNAGE PLAN				

CONTRACT NO. 97352



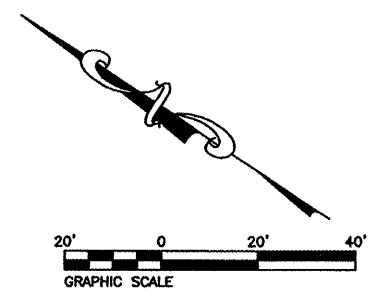
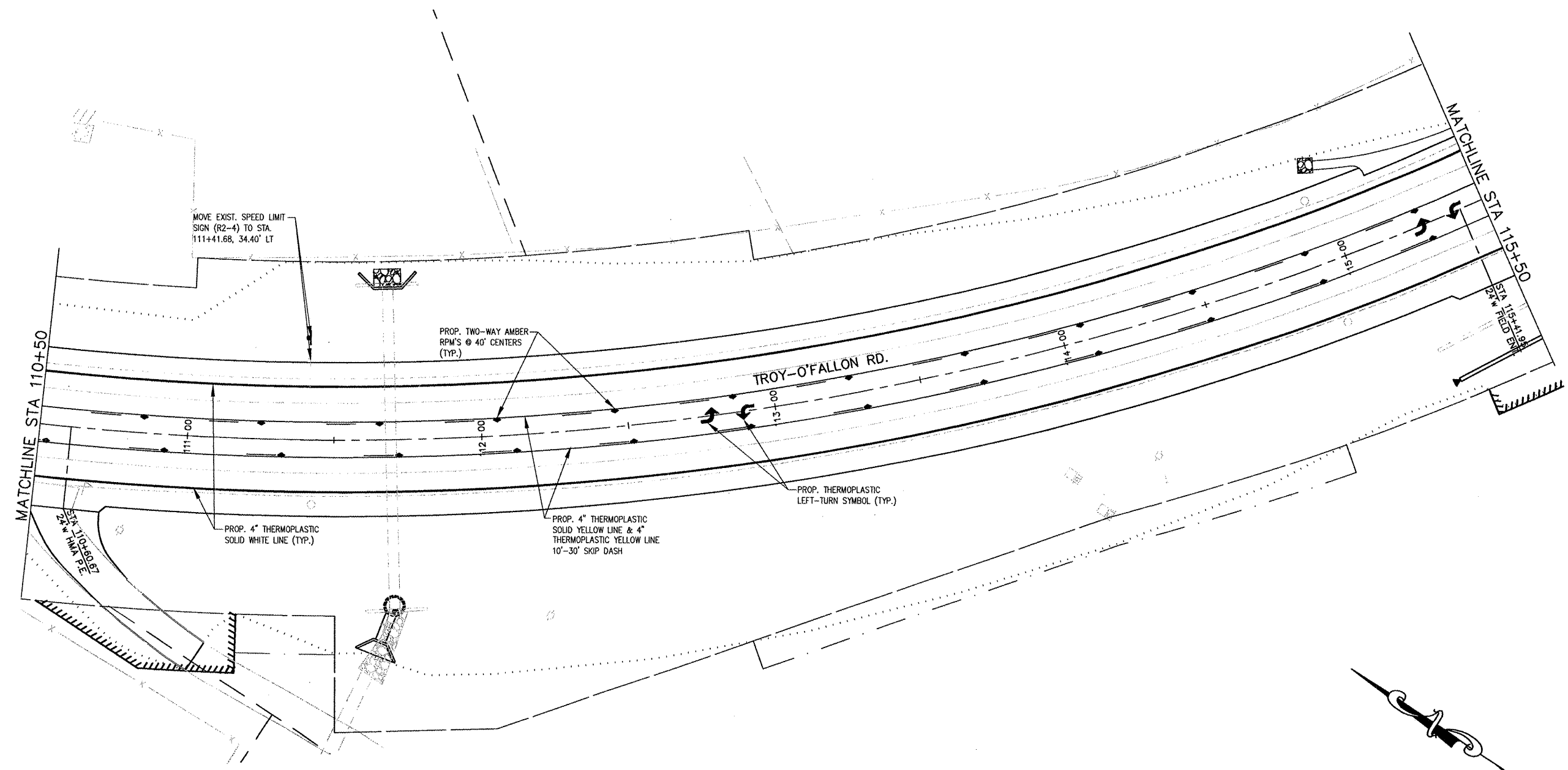
FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	66
STA. 106+50		TO STA. 110+50		
PAVEMENT MARKING AND SIGNAGE PLAN				

CONTRACT NO. 97352



PAV. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	67
STA. 110+50		TO STA. 115+50		
PAVEMENT MARKING AND SIGNAGE PLAN				

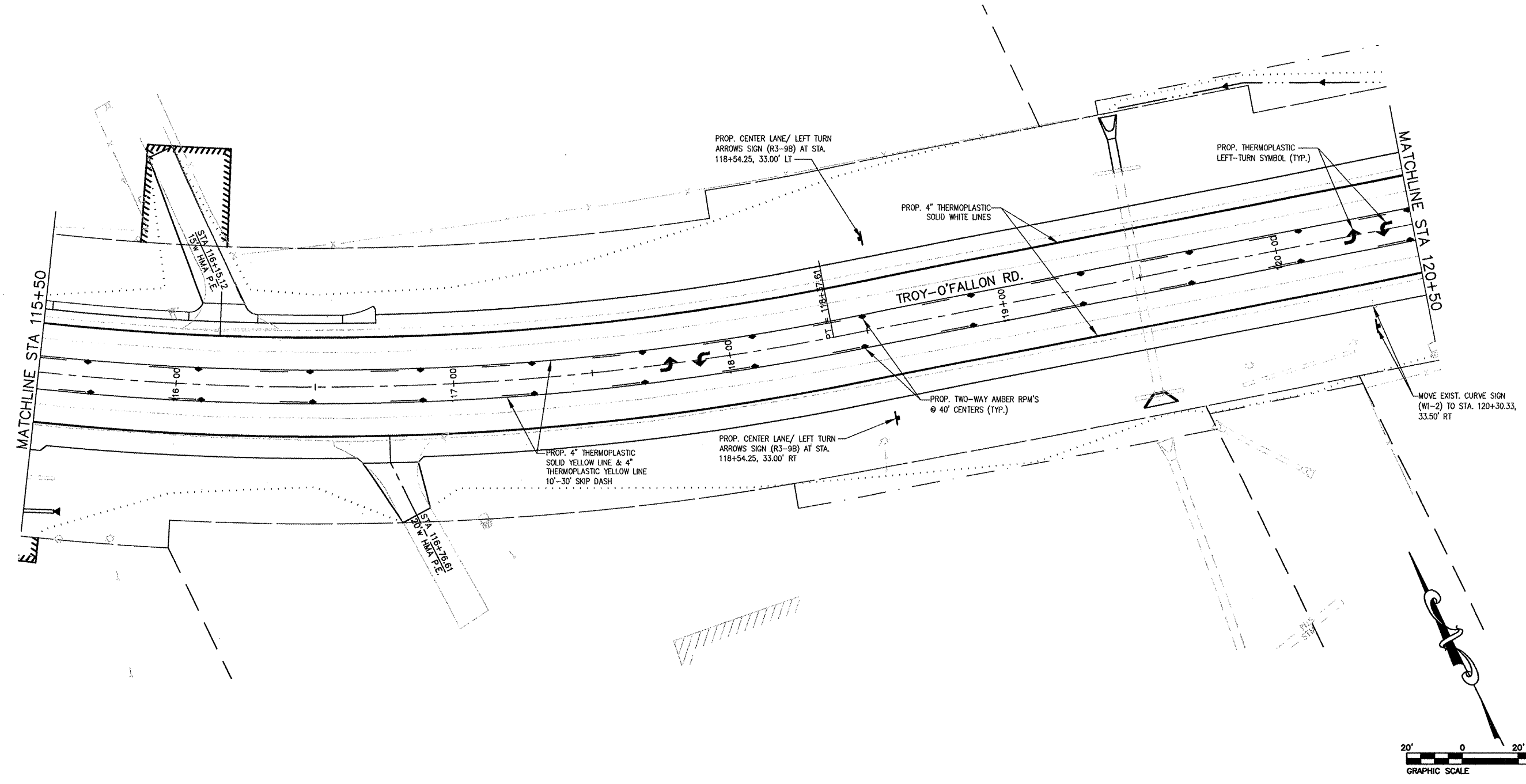
CONTRACT NO. 97352



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	68
STA. 115+50		TO STA. 120+50		

CONTRACT NO. 97352

PAVEMENT MARKING AND SIGNAGE PLAN



PROP. CENTER LANE/ LEFT TURN
ARROWS SIGN (R3-9B) AT STA.
118+54.25, 33.00' LT

PROP. THERMOPLASTIC
LEFT-TURN SYMBOL (TYP.)

PROP. 4" THERMOPLASTIC
SOLID WHITE LINES

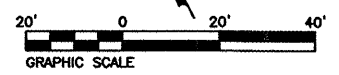
TROY-O'FALLON RD.

PROP. TWO-WAY AMBER RPM'S
@ 40' CENTERS (TYP.)

PROP. 4" THERMOPLASTIC
SOLID YELLOW LINE & 4"
THERMOPLASTIC YELLOW LINE
10'-30' SKIP DASH

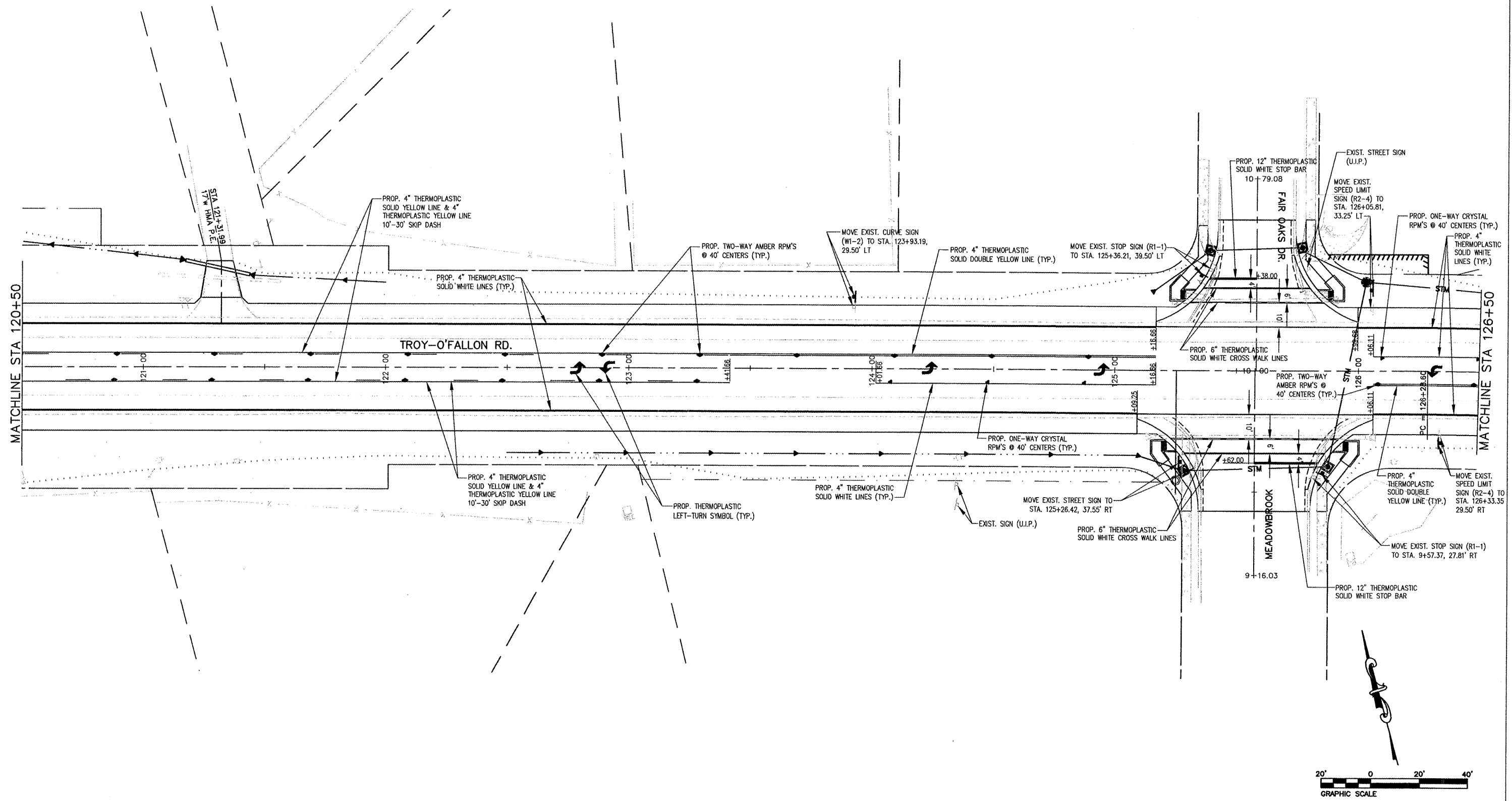
PROP. CENTER LANE/ LEFT TURN
ARROWS SIGN (R3-9B) AT STA.
118+54.25, 33.00' RT

MOVE EXIST. CURVE SIGN
(W1-2) TO STA. 120+30.33,
33.50' RT



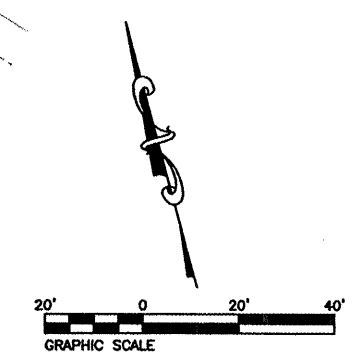
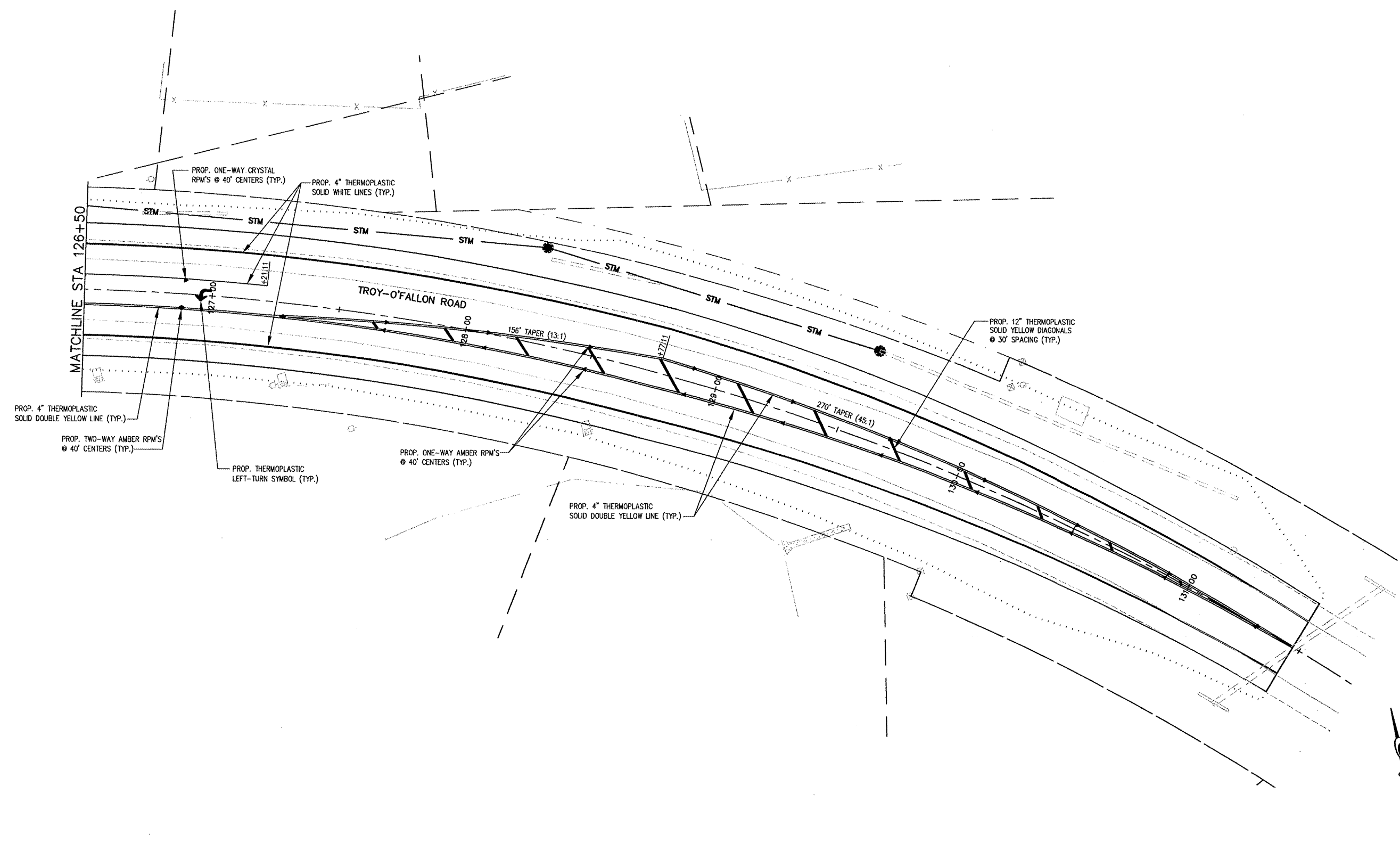
FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	69
STA. 120+50		TO STA. 126+50		
PAVEMENT MARKING AND SIGNAGE PLAN				

CONTRACT NO. 97352



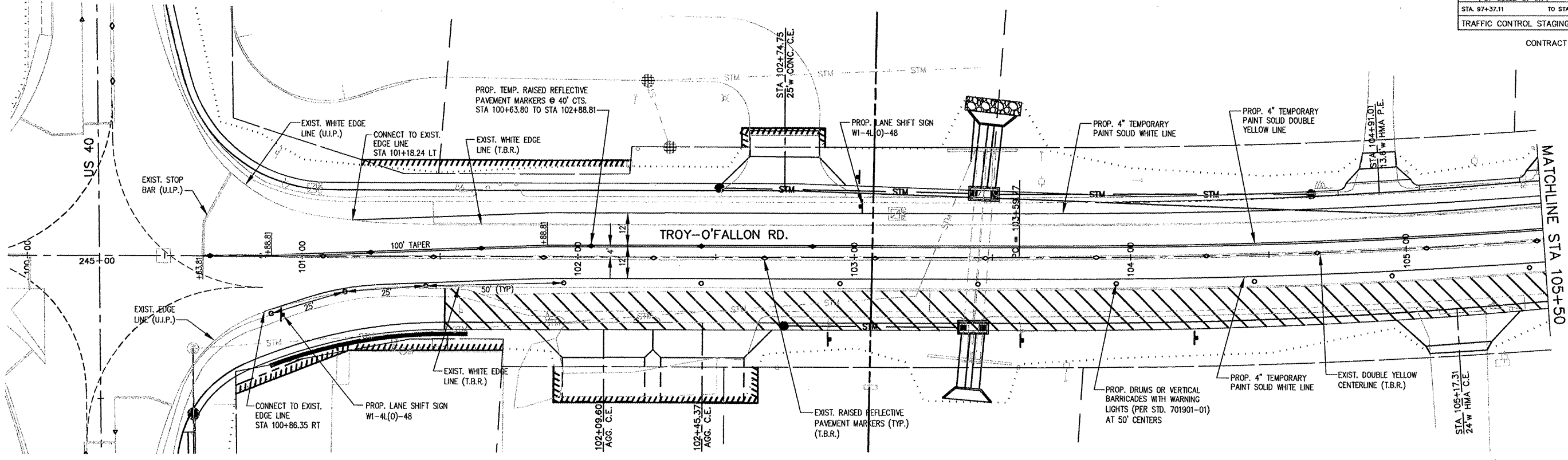
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9393	05-00025-00-1L 07-00025-01-WR	MADISON	135	70
STA. 126+50		TO STA. 131+47.11		
PAVEMENT MARKING AND SIGNAGE PLAN				

CONTRACT NO. 97352

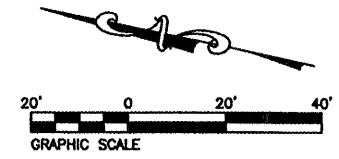
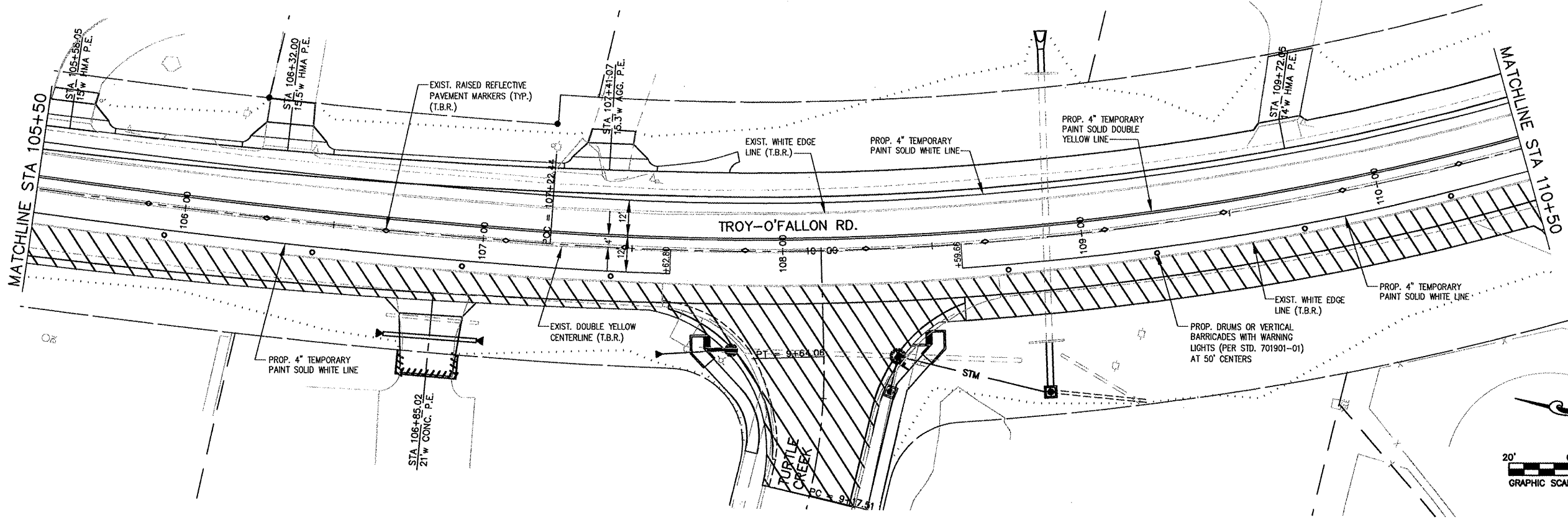


PAV ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	71
STA. 97+37.11 TO STA. 110+50				
TRAFFIC CONTROL STAGING PLAN - STAGE 1				

CONTRACT NO. 97352

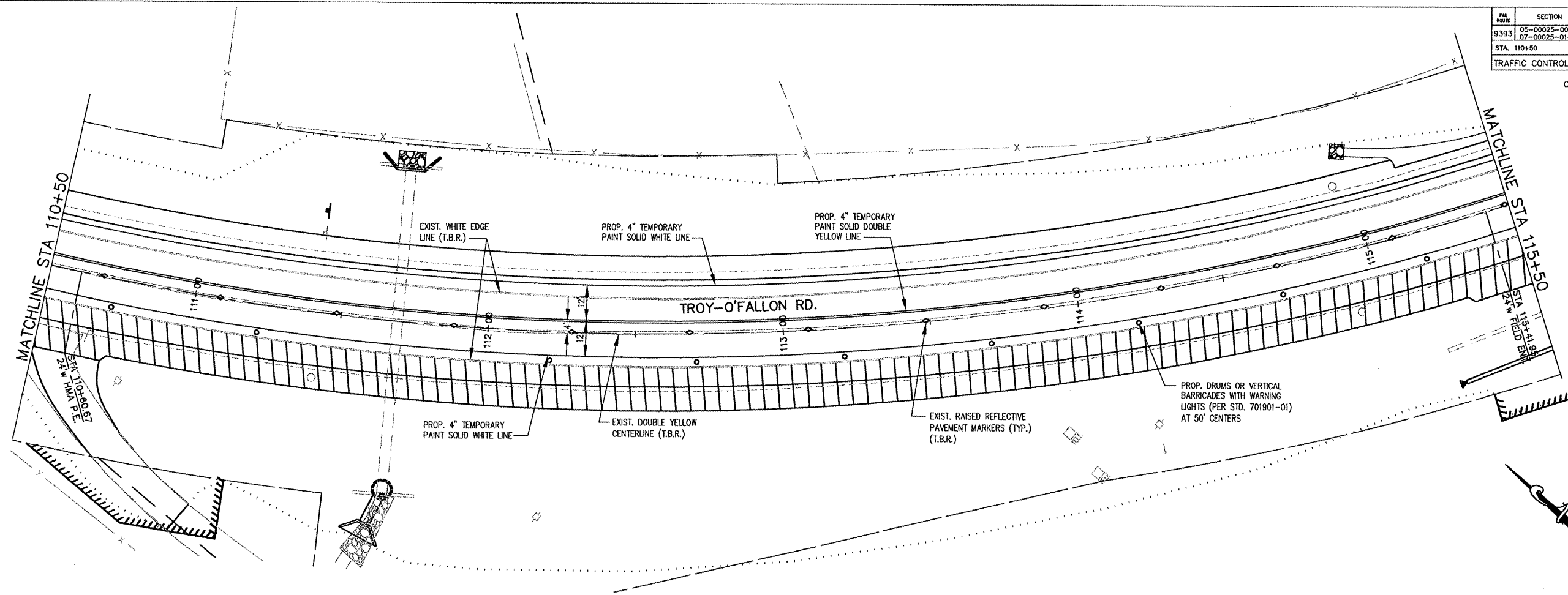


STAGE 1 PAVEMENT WIDENING AREA

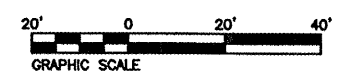
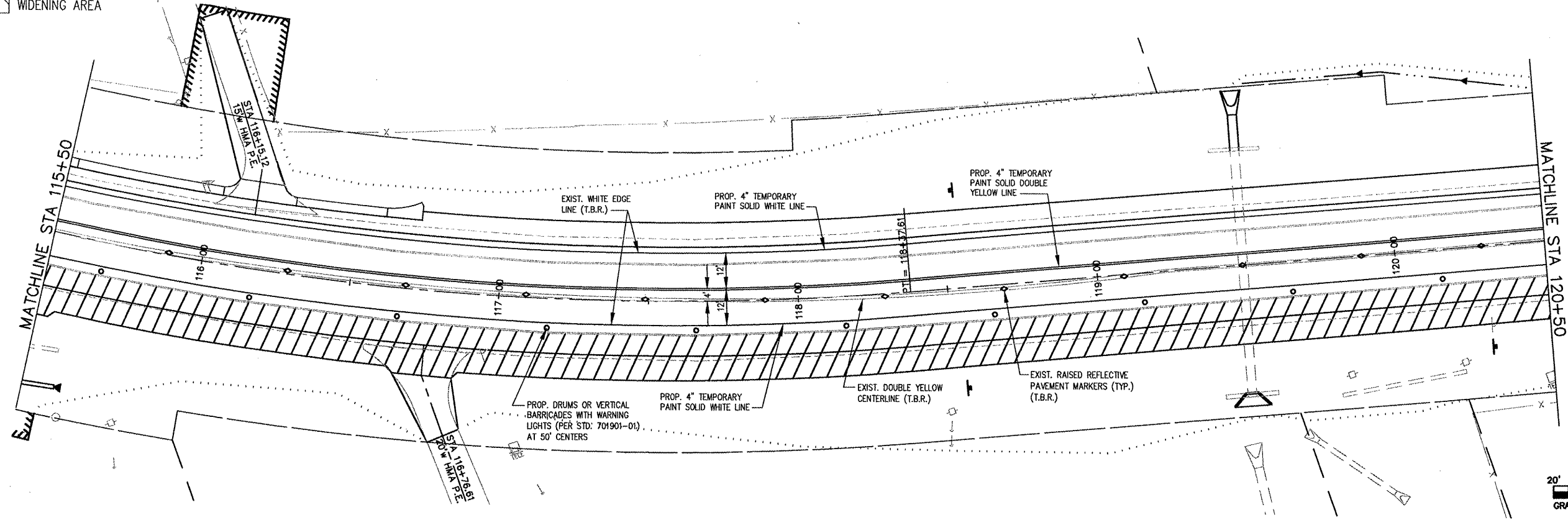


FA#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-MR	MADISON	135	72
STA. 110+50		TO STA. 120+50		

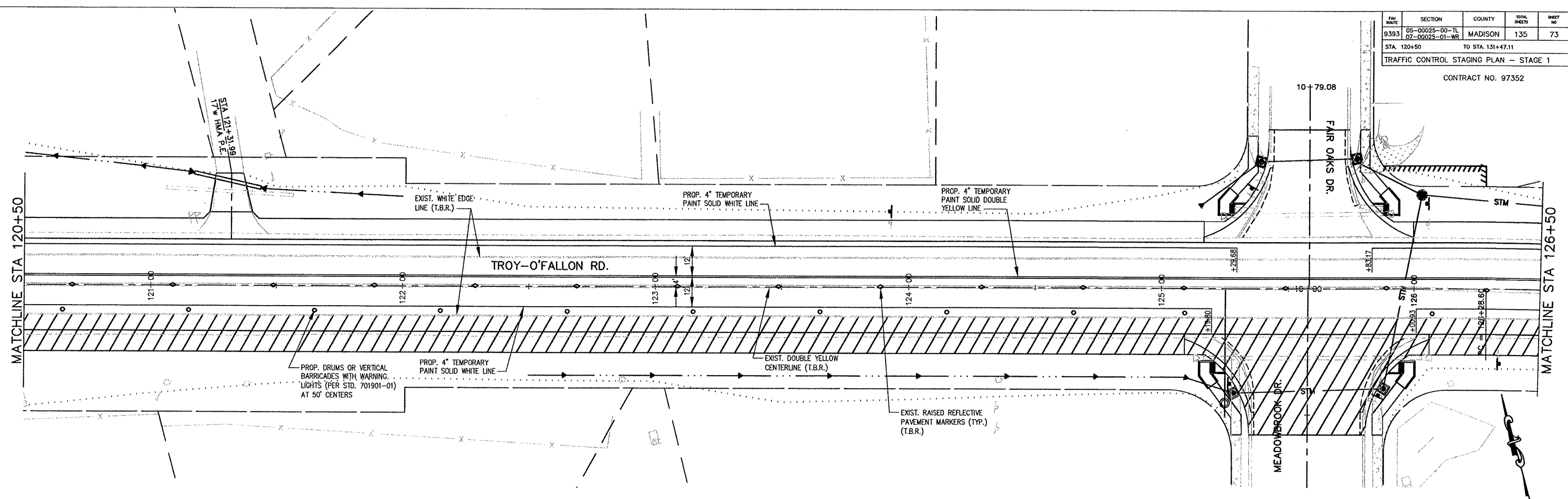
TRAFFIC CONTROL STAGING PLAN - STAGE 1
CONTRACT NO. 97352



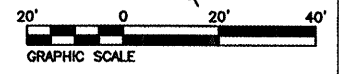
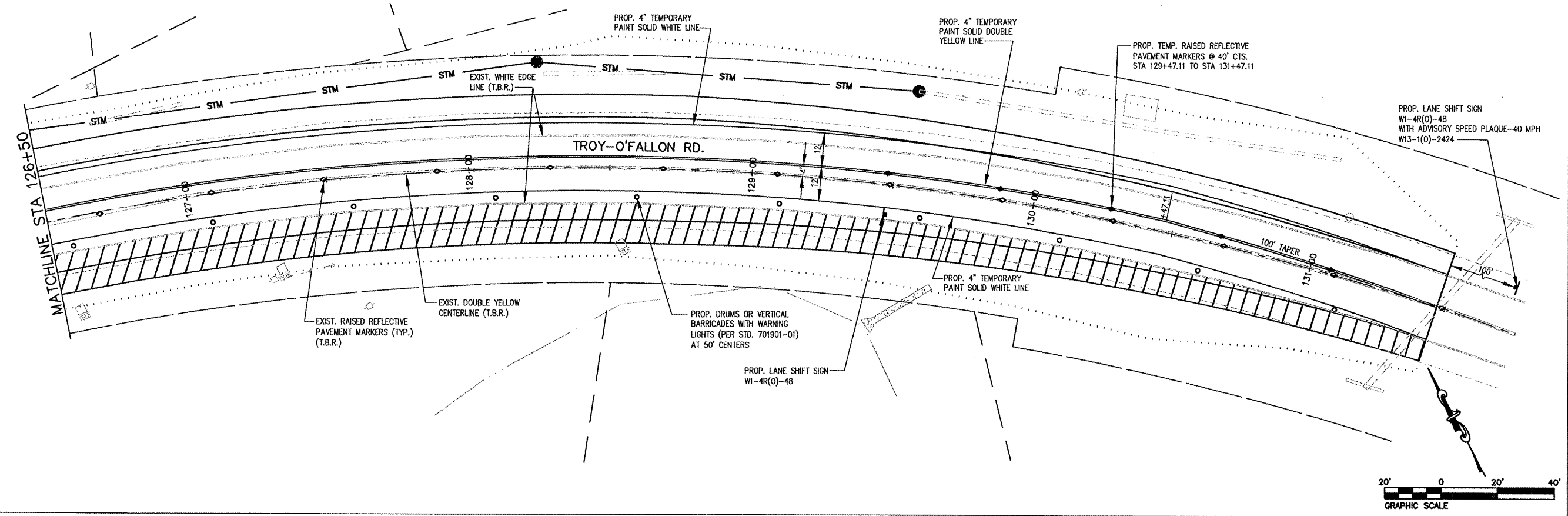
STAGE 1 PAVEMENT WIDENING AREA



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	73
STA. 120+50		TO STA. 131+47.11		
TRAFFIC CONTROL STAGING PLAN - STAGE 1				
CONTRACT NO. 97352				

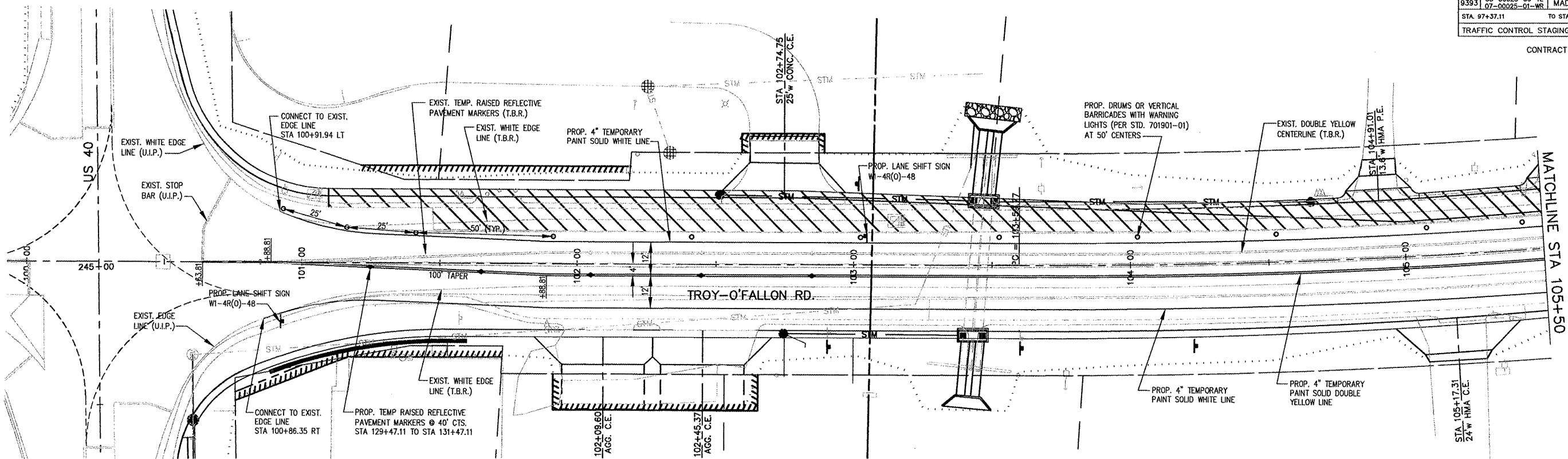


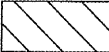
 STAGE 1 PAVEMENT WIDENING AREA

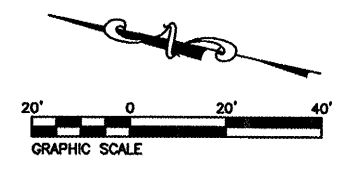
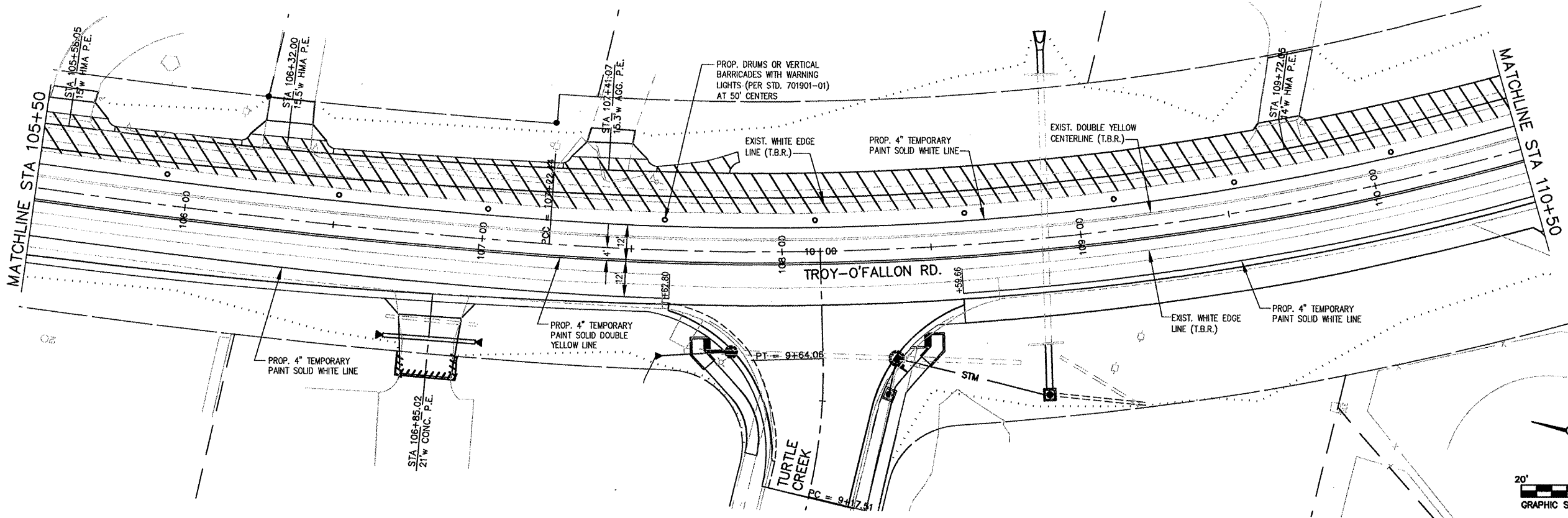


FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	74
STA. 97+37.11		TO STA. 110+50		
TRAFFIC CONTROL STAGING PLAN - STAGE 2				

CONTRACT NO. 97352

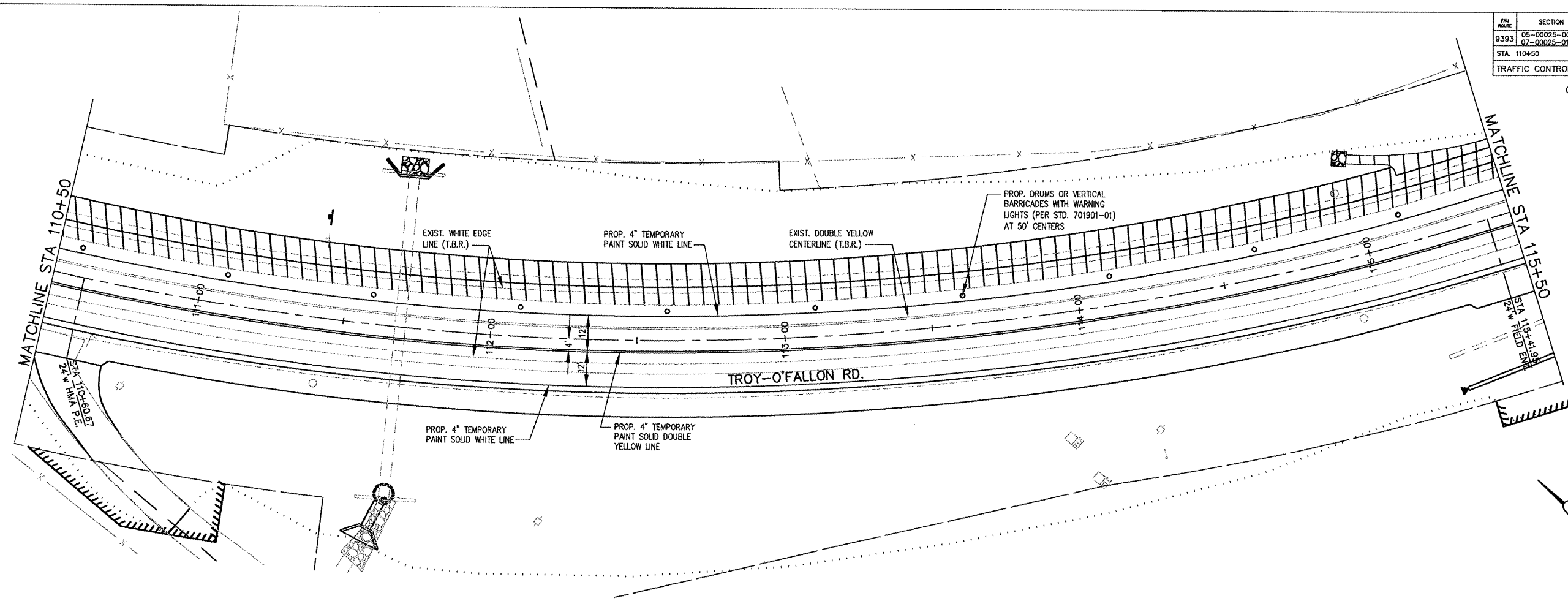


 STAGE 2 PAVEMENT WIDENING AREA

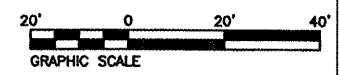
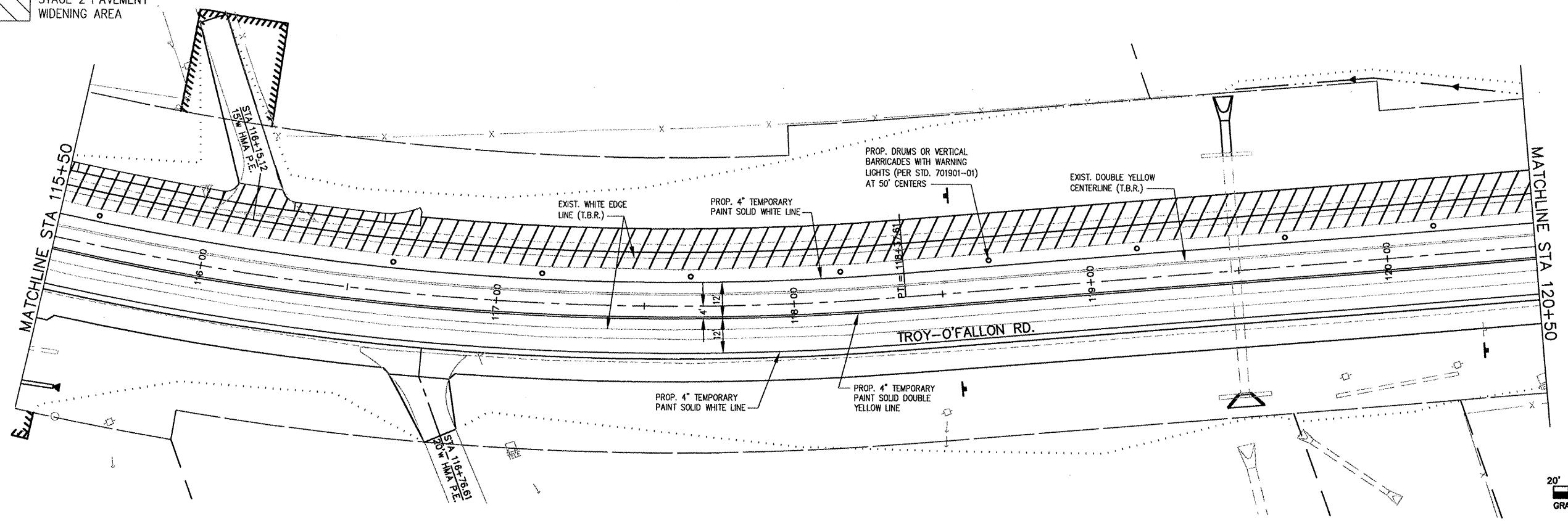


FA#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	75
STA. 110+50		TO STA. 120+50		
TRAFFIC CONTROL STAGING PLAN - STAGE 2				

CONTRACT NO. 97352

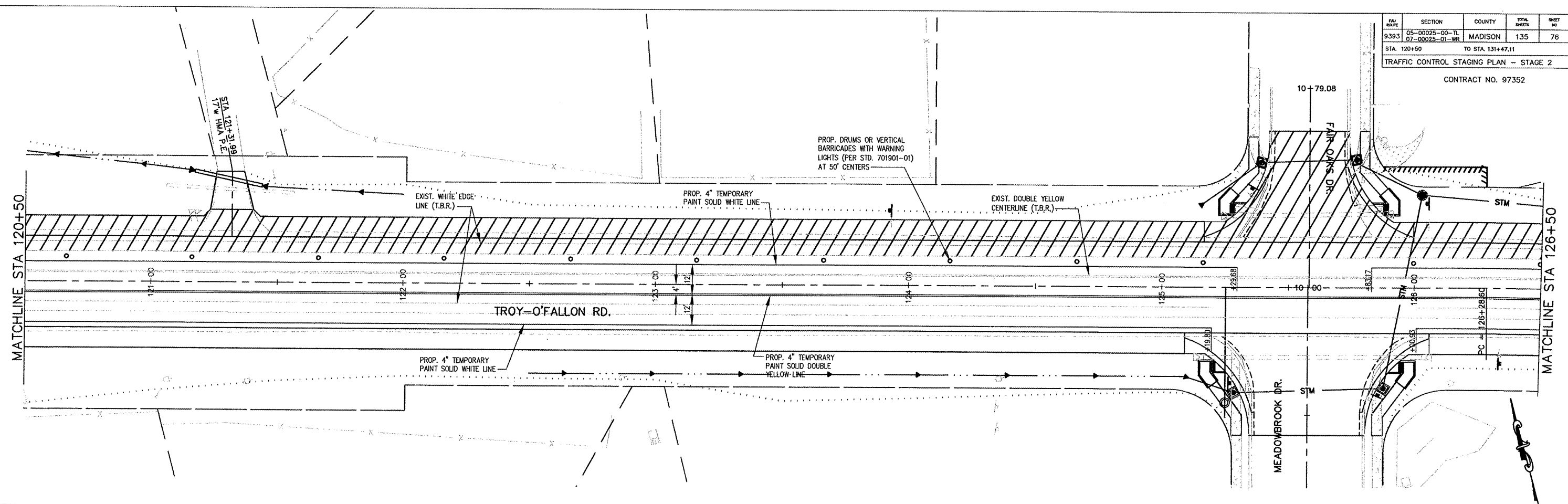


STAGE 2 PAVEMENT WIDENING AREA

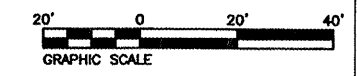
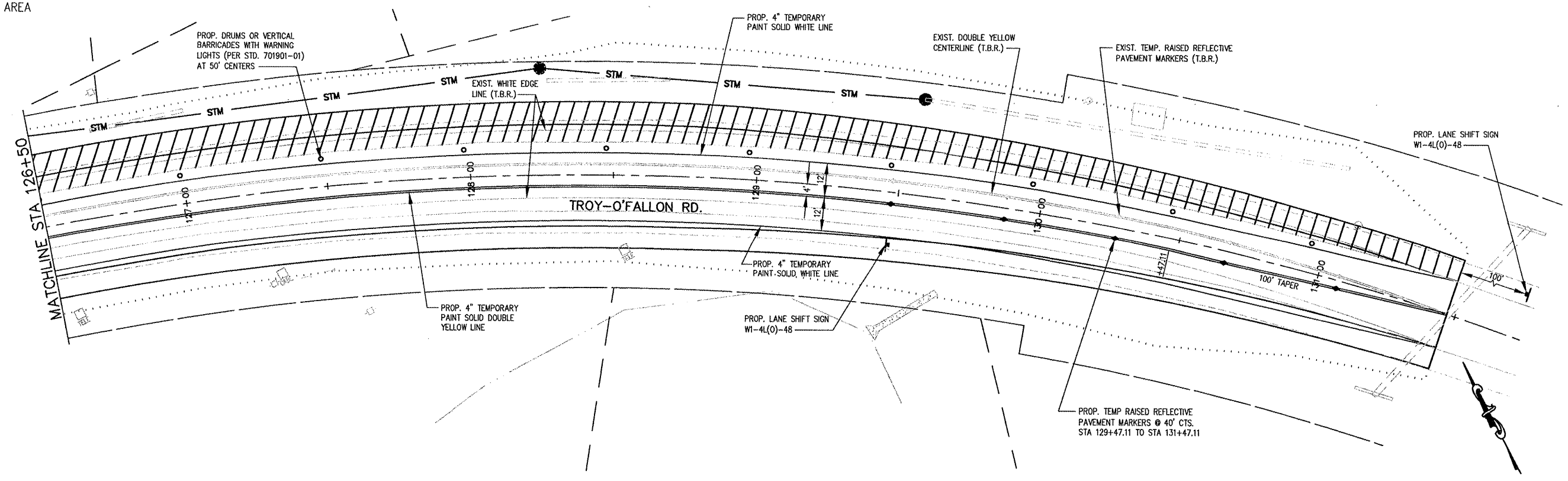


FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9393	05-00025-00-TL 07-00025-01-MR	MADISON	135	76
STA. 120+50		TO STA. 131+47.11		
TRAFFIC CONTROL STAGING PLAN - STAGE 2				

CONTRACT NO. 97352



 STAGE 2 PAVEMENT WIDENING AREA



FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	77
STA.		TO STA.		
TRAFFIC SIGNAL PLANS				

CONTRACT NO. 97352

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	QTY
72000100	SIGN PANEL-TYPE 1	SQ FT	10
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	90
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	405
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	56
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	21
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	10
81021340	CONDUIT PUSHED, 2 1/2", DIA., PVC	FOOT	104
81030100	CONDUIT SPLICE	EACH	2
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	572
81900300	TRENCH AND BACKFILL WITH SCREENINGS AND/OR SAND	FOOT	10
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,184
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	661
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,158
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
87900200	DRILL EXISTING HANDHOLE	EACH	3
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
88200300	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	2
88500520	INDUCTION LOOP DETECTOR AMPLIFIER WITH CALL DELAY AND CALL CARRY-OVER, DIGITAL DESIGN	EACH	7
88600100	DETECTOR LOOP, TYPE 1	FOOT	1,601
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2
89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,184
89502380	REMOVE EXISTING HANDHOLE	EACH	4
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
89502800	DISPOSITION OF SALVAGED TRAFFIC SIGNAL EQUIPMENT	L SUM	1

STANDARDS

720001
720016-01
805001
814001-01
814006-01
873001-01
877001-03
878001-06
880006
886001
886006

ELECTRICAL GENERAL NOTES

- PROPOSED SIGNAL HEADS SHALL HAVE 12" L.E.D. SECTIONS. ALL MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF THE MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE. ALL MAST ARMS AND POLES SHALL BE GALVANIZED.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER ARTICLE 873.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD DRAWING 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(B)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE. IF A TIME SETTING IS PROGRAMMED, THEY SHALL BE RACK MOUNTED.
- CABLE MARKING TAPE SHALL BE INCLUDED WITH THE PAY ITEM "TRENCH AND BACKFILL FOR ELECTRICAL WORK" AND INSTALLED PER ARTICLE 815.03(D) OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
- A 3/4" NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL SIGNAL CONDUITS. THIS WORK SHALL BE INCLUDED WITH THE CONDUIT PAY ITEMS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED SHALL REMAIN THE PROPERTY OF IDOT AND SHALL BE DELIVERED TO THEIR MAINTENANCE FACILITY LOCATED AT 9601 ST. CLAIR AVENUE, FAIRVIEW HEIGHTS.
- INSTALL DETECTOR LOOPS PRIOR TO FINAL ASPHALT SURFACE.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATION. AGENCIES KNOWN TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING:

GAS/ELECTRIC
AMERENIP
2600 N. CENTER ST.
MARYVILLE, IL 62062
(618)-346-1236

TELEPHONE
AT&T
203 GOETHE
COLLINSVILLE, IL 62234
(800)-244-4444

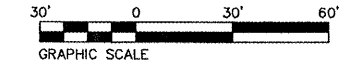
CABLE
CHARTER COMMUNICATIONS
508 NIAGARA STREET
EAST ALTON, IL 62024
(618)-779-4179

WATER
CITY OF TROY
116 EAST MARKET STREET
TROY, IL 62294
(618)-667-9924

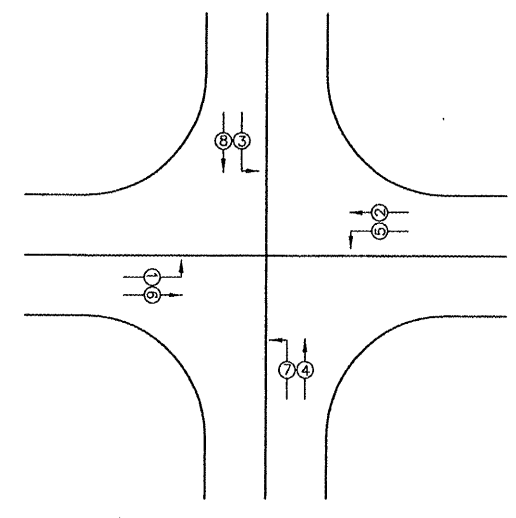
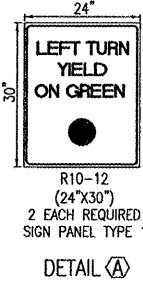
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
79.3	05-00025-00-TL 07-00025-01-WR	MADISON	135	78

STA. TO STA.
TRAFFIC SIGNAL PLANS

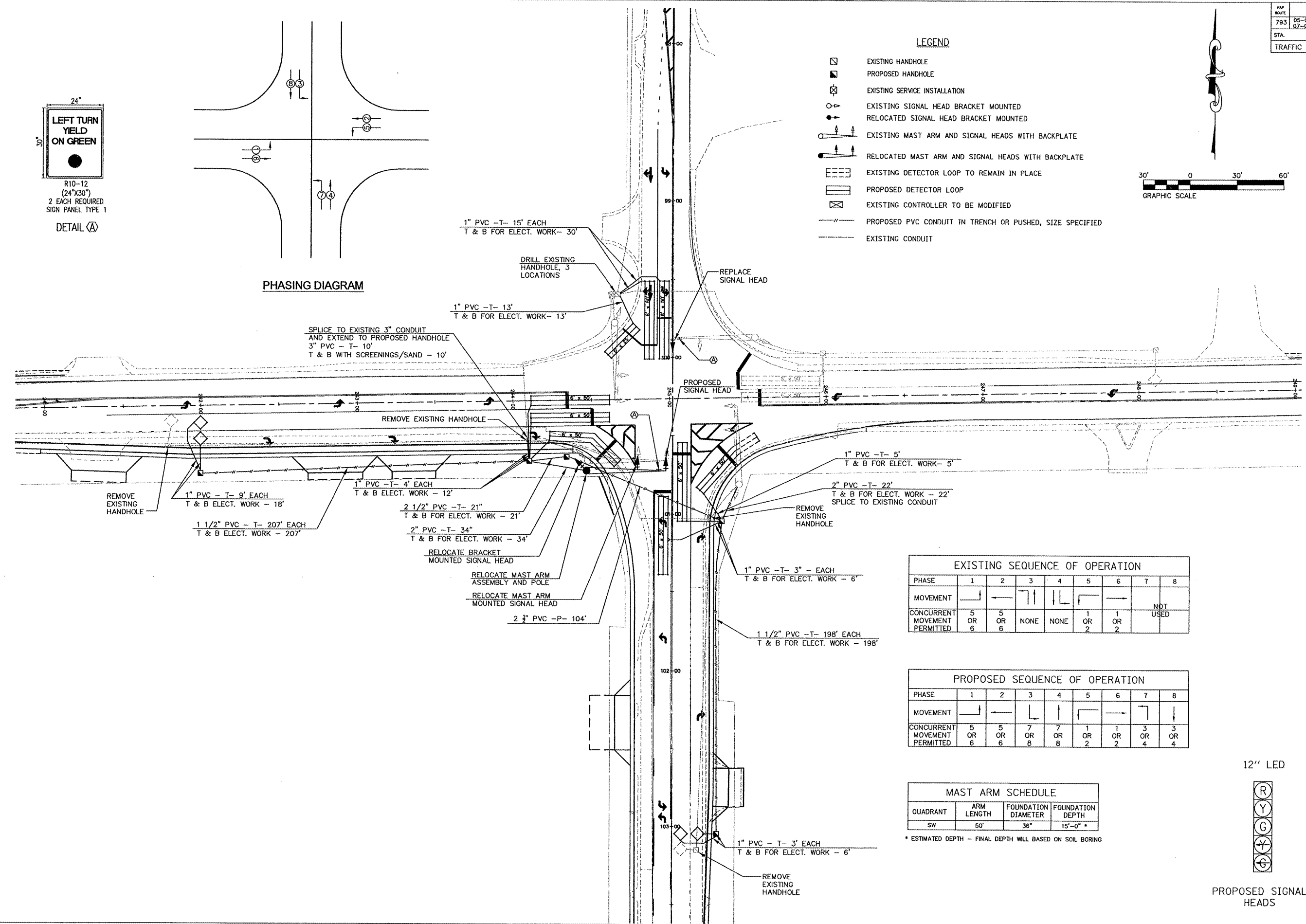
CONTRACT NO. 97352



- LEGEND**
- EXISTING HANDHOLE
 - ▣ PROPOSED HANDHOLE
 - ⊗ EXISTING SERVICE INSTALLATION
 - EXISTING SIGNAL HEAD BRACKET MOUNTED
 - RELOCATED SIGNAL HEAD BRACKET MOUNTED
 - ⊕ EXISTING MAST ARM AND SIGNAL HEADS WITH BACKPLATE
 - ⊖ RELOCATED MAST ARM AND SIGNAL HEADS WITH BACKPLATE
 - ▨ EXISTING DETECTOR LOOP TO REMAIN IN PLACE
 - ▧ PROPOSED DETECTOR LOOP
 - ⊠ EXISTING CONTROLLER TO BE MODIFIED
 - PROPOSED PVC CONDUIT IN TRENCH OR PUSHED, SIZE SPECIFIED
 - EXISTING CONDUIT



PHASING DIAGRAM



EXISTING SEQUENCE OF OPERATION

PHASE	1	2	3	4	5	6	7	8
MOVEMENT	←	→	↖	↗	↘	↙		NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

PROPOSED SEQUENCE OF OPERATION

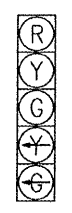
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	←	→	↖	↗	↘	↙	↘	↙
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

MAST ARM SCHEDULE

QUADRANT	ARM LENGTH	FOUNDATION DIAMETER	FOUNDATION DEPTH
SW	50'	36"	15'-0"*

* ESTIMATED DEPTH - FINAL DEPTH WILL BE BASED ON SOIL BORING

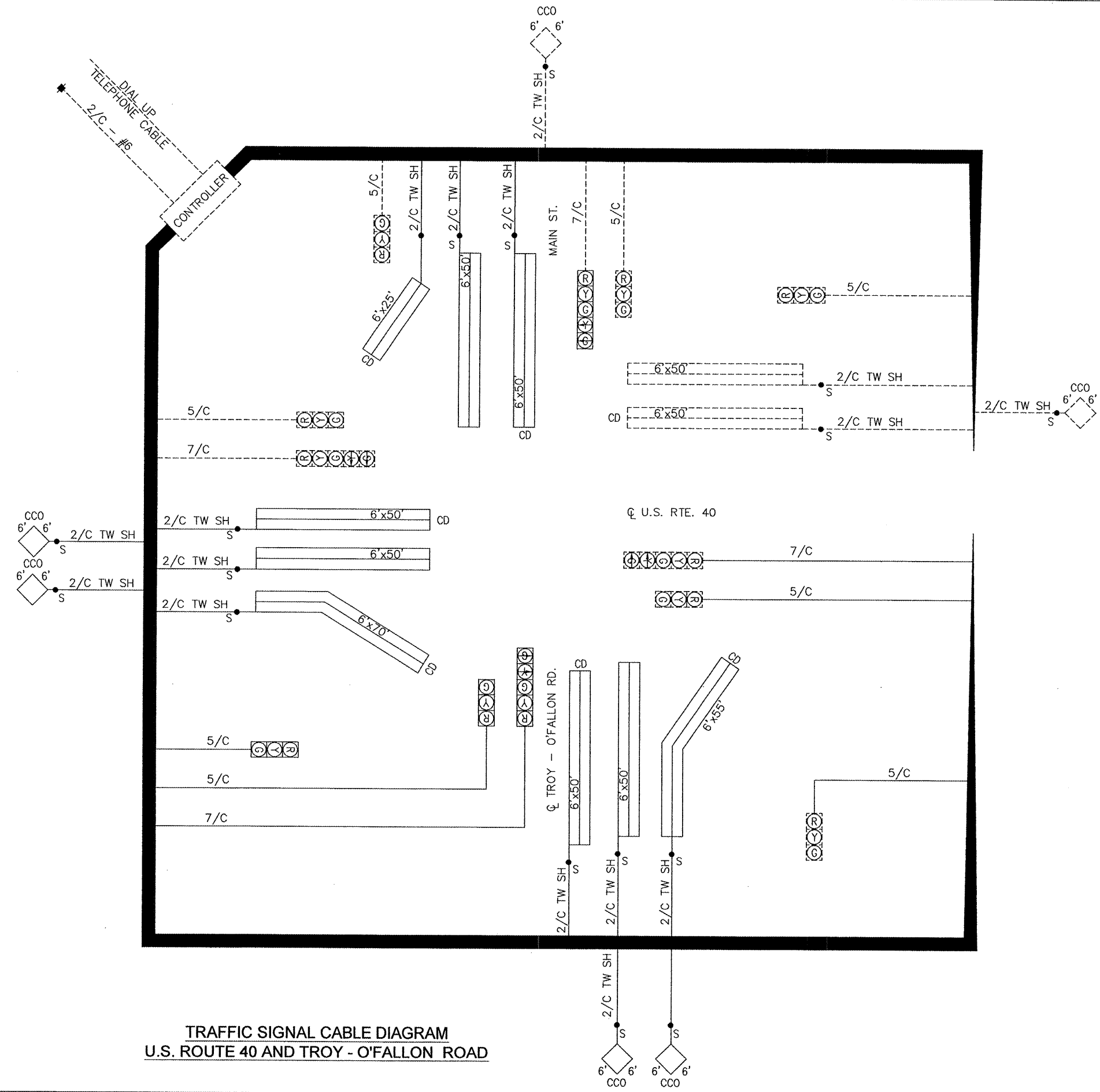
12" LED



PROPOSED SIGNAL HEADS

F&P NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-WR	MADISON	135	79
STA. TO STA.				
TRAFFIC SIGNAL PLANS				

CONTRACT NO. 97352

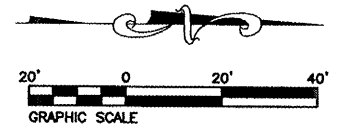
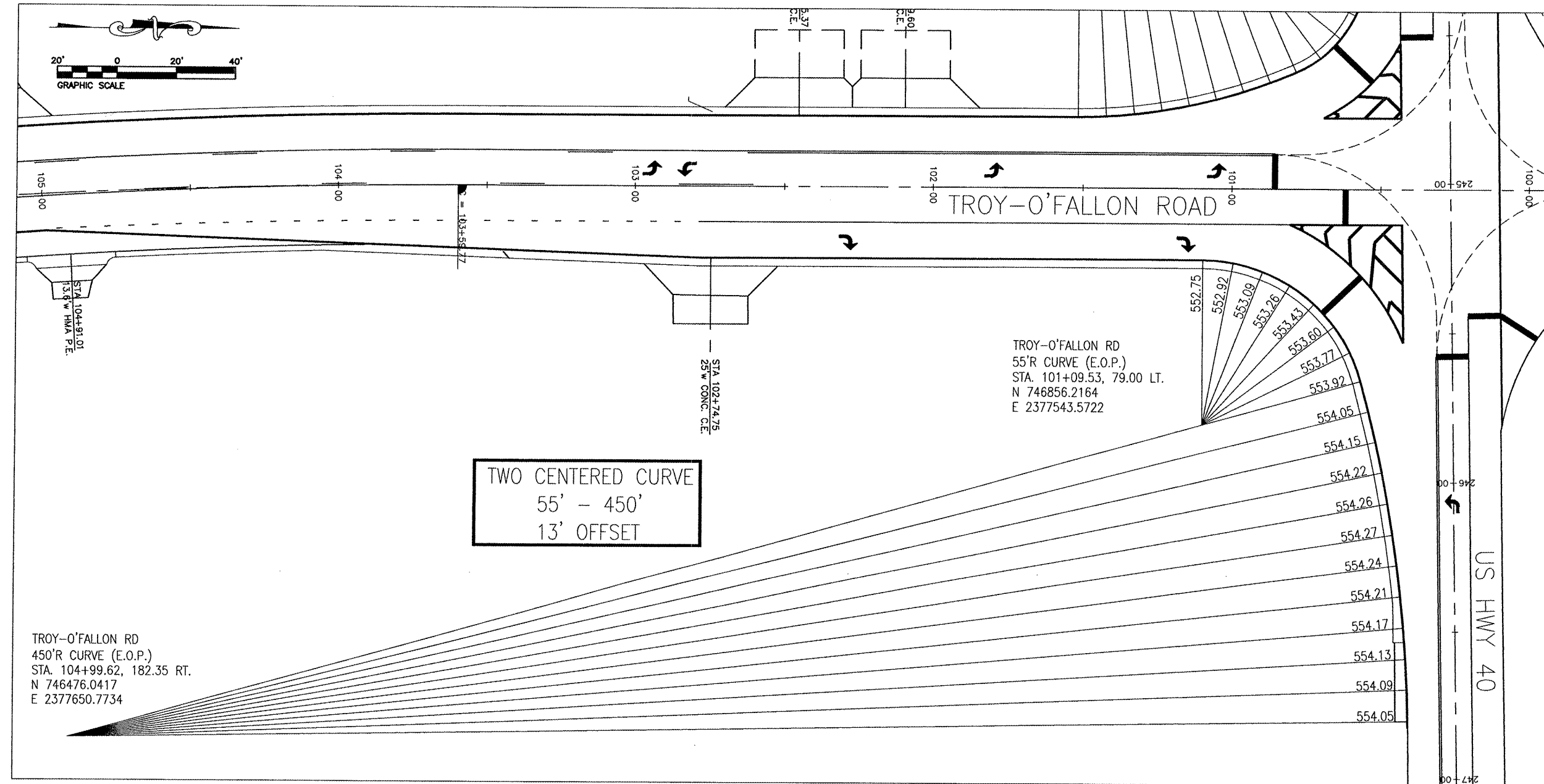


TRAFFIC SIGNAL CABLE DIAGRAM
U.S. ROUTE 40 AND TROY - O'FALLON ROAD

MAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9393	05-00025-00-TL 07-00025-01-WR	MADISON	135	80
STA.		TO STA.		

INTERSECTION WARPING DETAILS

CONTRACT NO. 97352



TWO CENTERED CURVE
55' - 450'
13' OFFSET

TROY-O'FALLON RD
450'R CURVE (E.O.P.)
STA. 104+99.62, 182.35 RT.
N 746476.0417
E 2377650.7734

TROY-O'FALLON RD
55'R CURVE (E.O.P.)
STA. 101+09.53, 79.00 LT.
N 746856.2164
E 2377543.5722

NOTE: ALL ELEVATIONS
ARE GIVEN AT THE
EDGE OF PAVEMENT

REVISIONS	
NAME	DATE

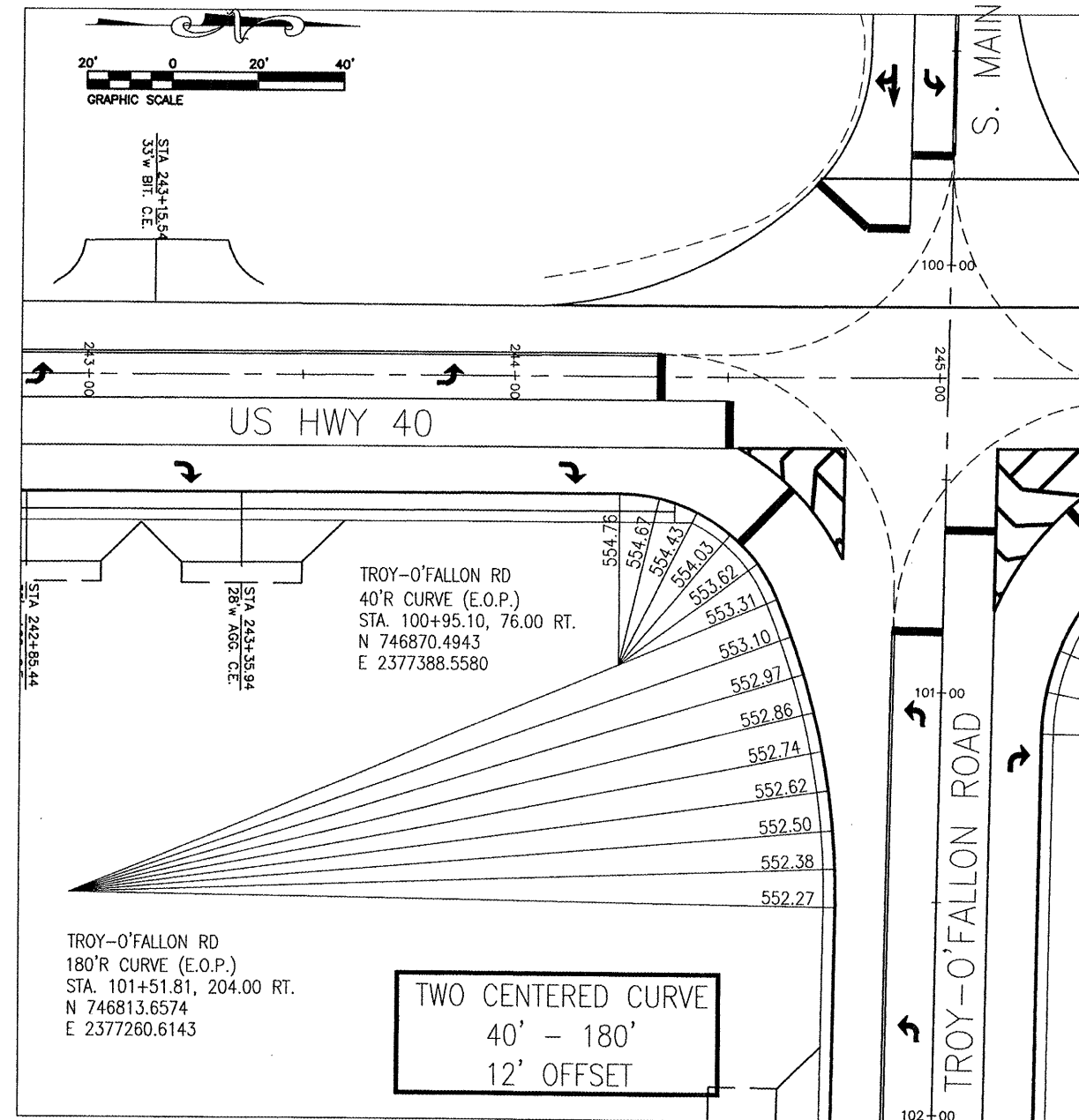
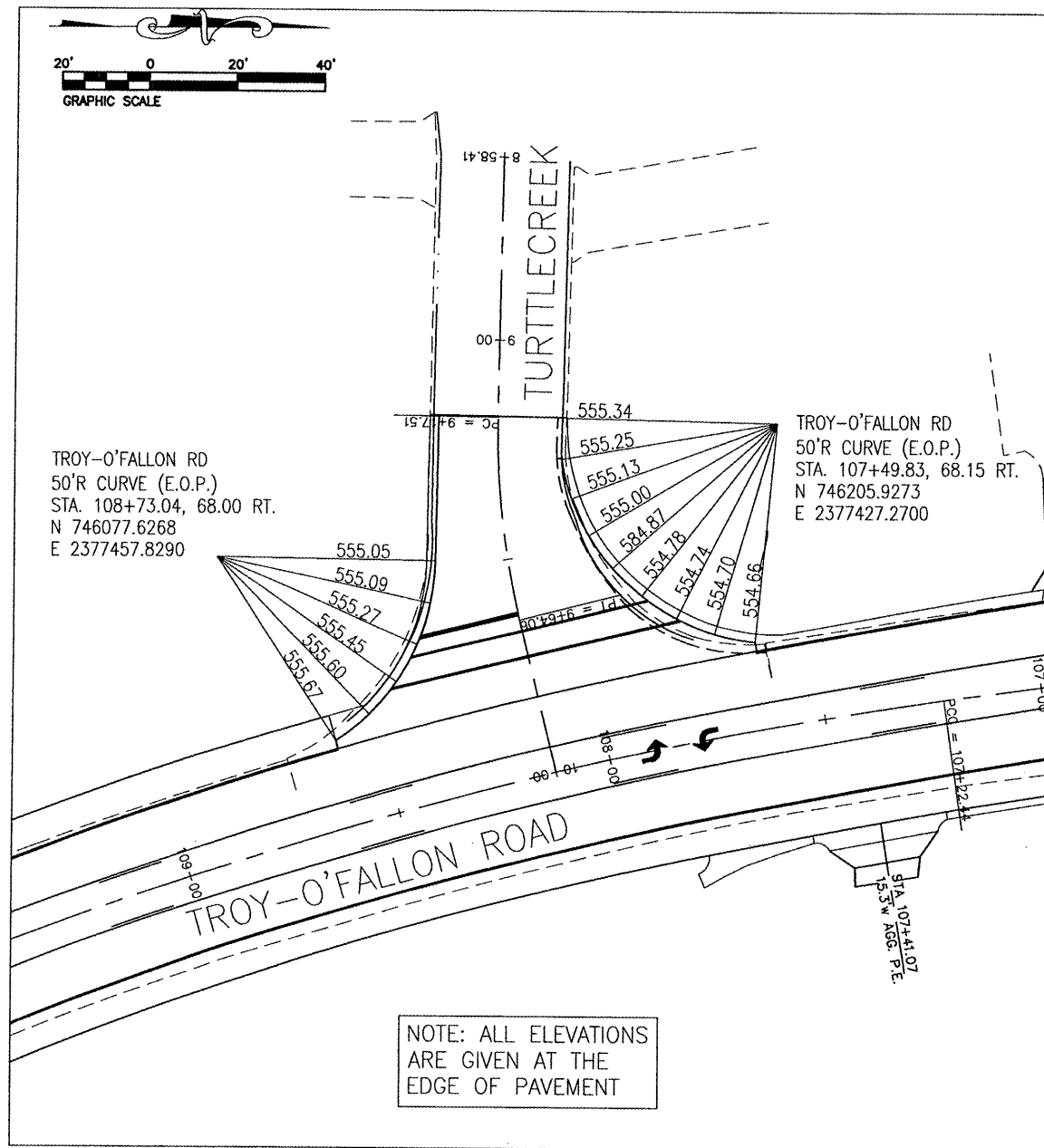
INTERSECTION WARPING
DETAILS

US 40 & TROY-O'FALLON ROAD
IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

PLANNING AND DESIGN SERVICES, INC. 7/1/2008 5:15:28 PM 05

FIP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9393	05-00025-00-TL 07-00025-01-MR	MADISON	135	81
STA.	TO STA.			

INTERSECTION WARPING DETAILS
CONTRACT NO. 97352



REVISIONS	
NAME	DATE

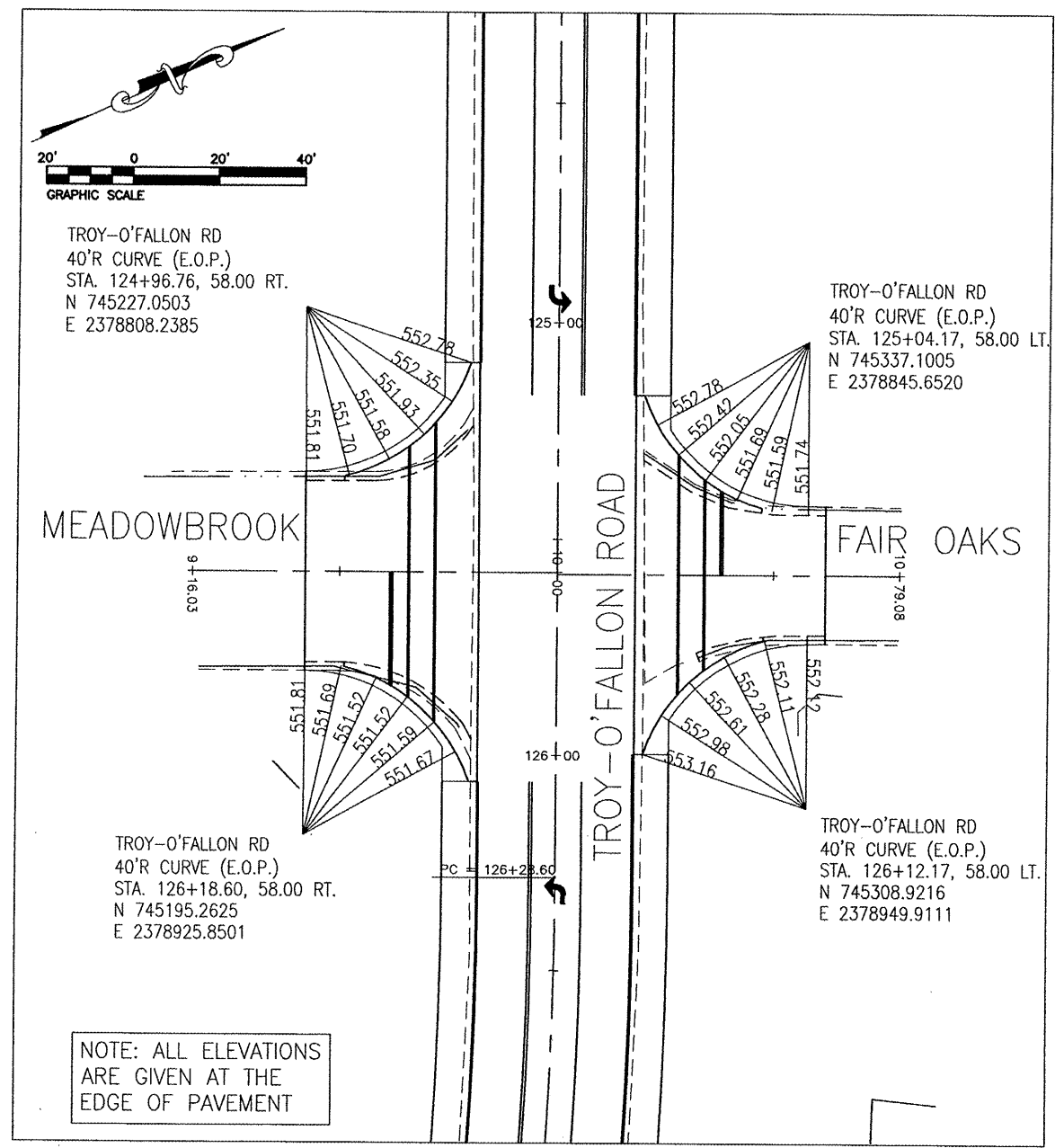
INTERSECTION WARPING DETAILS
US 40 & TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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MAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 8393	05-00025-00-TL 07-00025-01-WR	MADISON	135	82

STA. _____ TO STA. _____
INTERSECTION WARPING DETAILS

CONTRACT NO. 97352



REVISIONS	
NAME	DATE

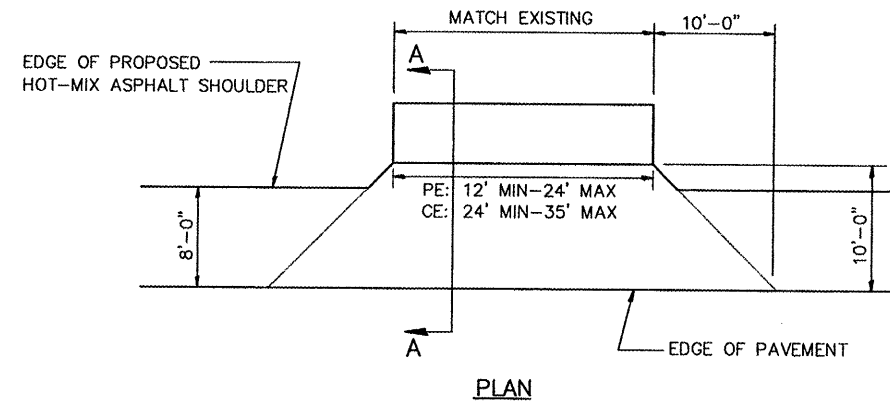
INTERSECTION WARPING
DETAILS

US 40 & TROY-O'FALLON ROAD
IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

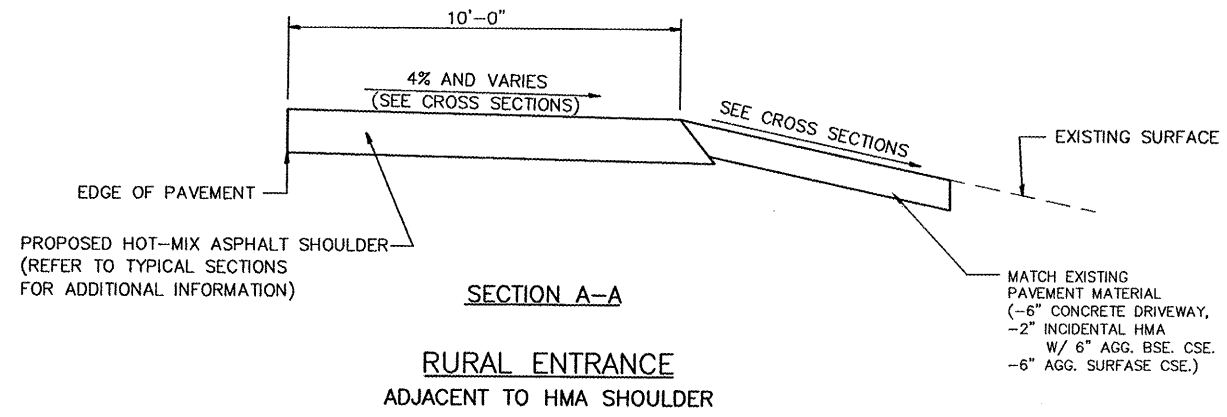
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APP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
783	05-00025-00-TL	MADISON	135	83
STA.	TO STA.			

CONTRACT NO. 97352

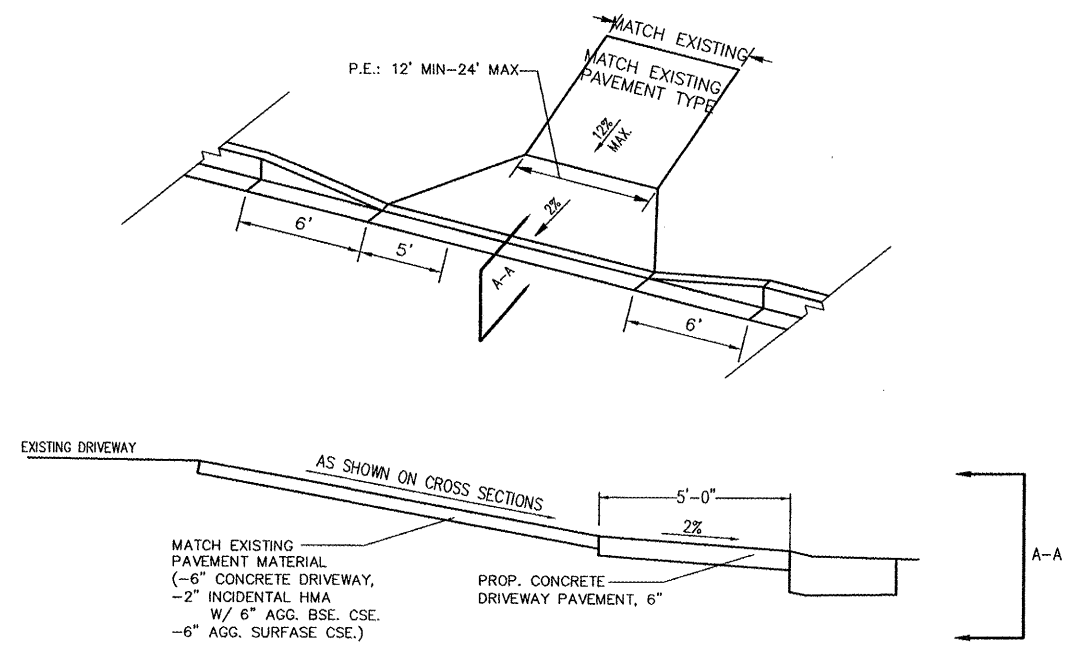


PLAN



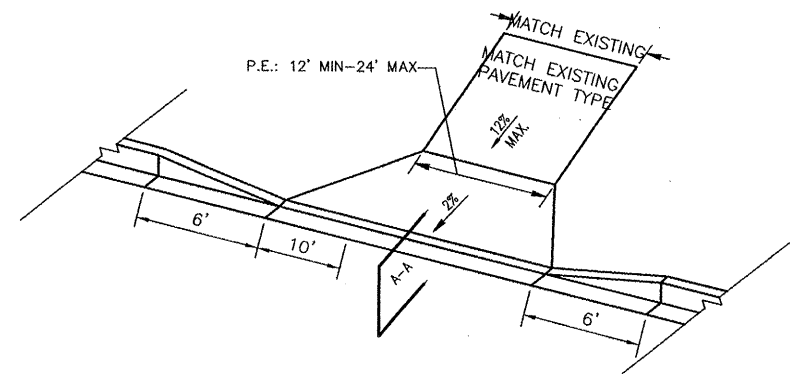
SECTION A-A

RURAL ENTRANCE
ADJACENT TO HMA SHOULDER



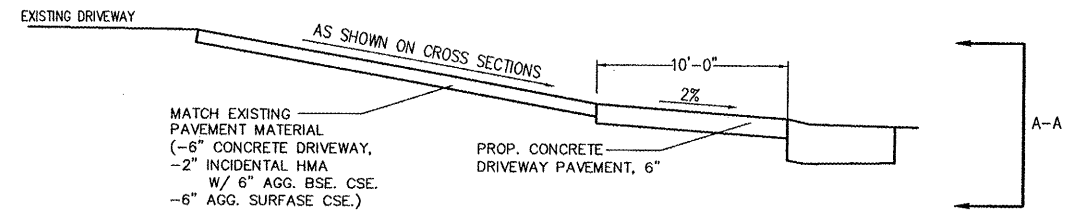
SECTION A-A

PRIVATE ENTRANCE
ADJACENT TO CURBS
AND GUTTERS



SECTION A-A

COMMERCIAL ENTRANCE
ADJACENT TO B-6.24 C&G



REVISIONS	
NAME	DATE

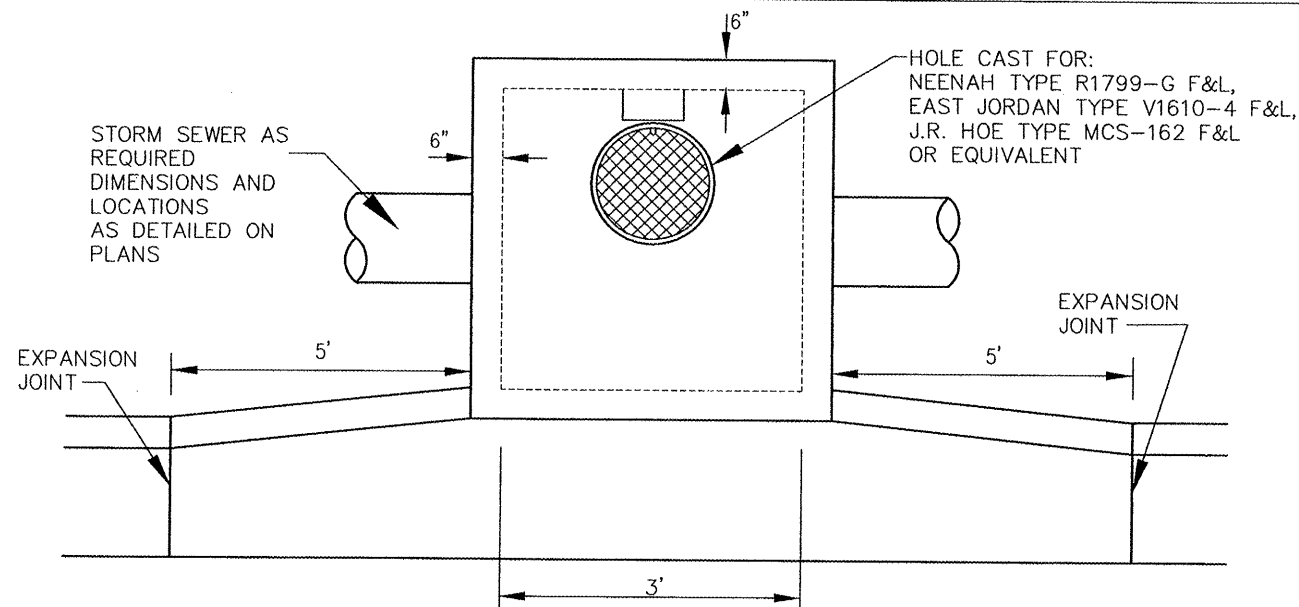
MISCELLANEOUS
DETAILS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

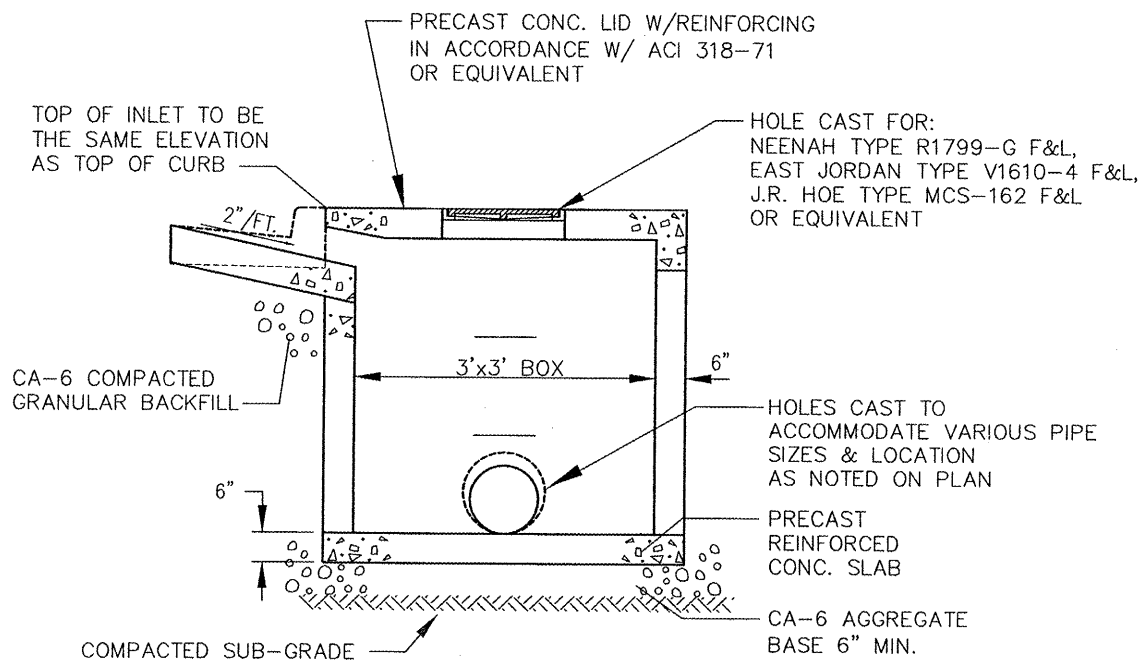
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APP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-TL 07-00025-01-WR	MADISON	135	84
STA.		TO STA.		

CONTRACT NO. 97352



PLAN



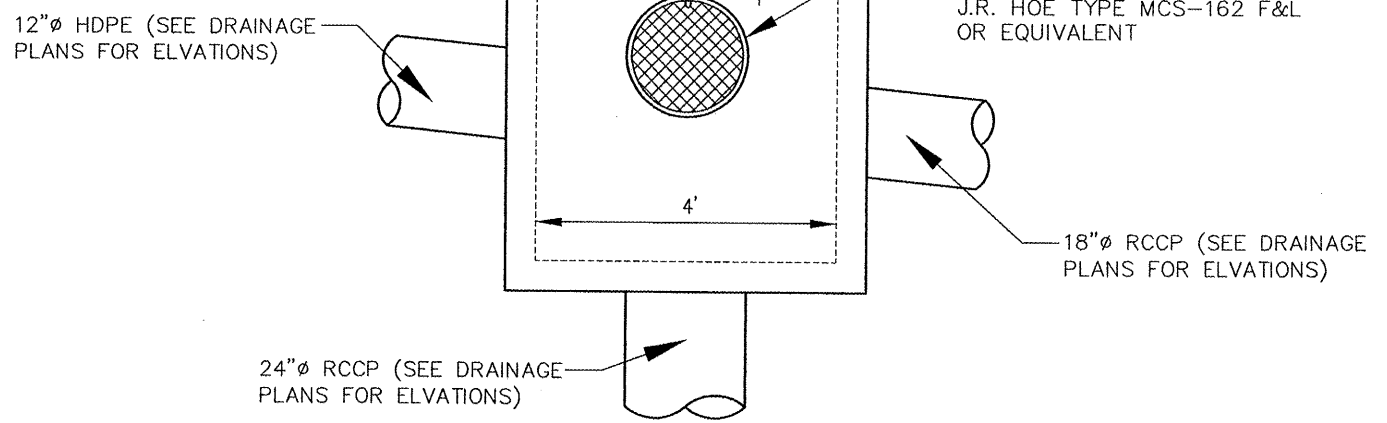
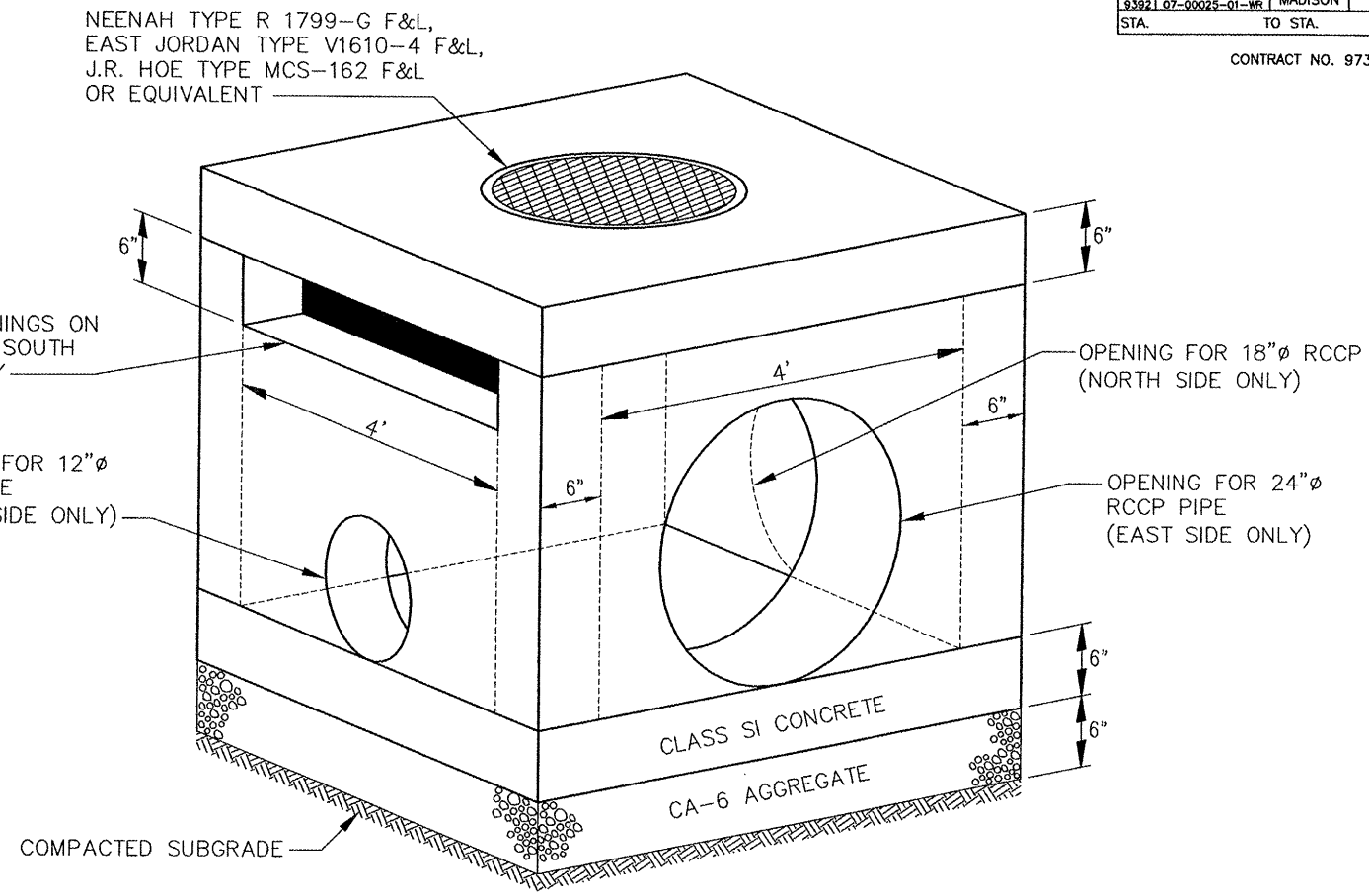
ELEVATION

SPECIFICATIONS:
PRE-CAST INLET SHALL CONFORM TO ASTM C-478

EXECUTION:
ALL WORK SHALL CONFORM TO ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

TYPICAL OPEN THROAT INLET

INLET, SPECIAL #1
VARIOUS LOCATIONS



INLET, SPECIAL #2

STA 108+84.68 RT
TROY-O'FALLON ROAD

SPECIFICATIONS:
PRE-CAST INLET SHALL CONFORM TO ASTM C-478

EXECUTION:
ALL WORK SHALL CONFORM TO ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

REVISIONS	
NAME	DATE

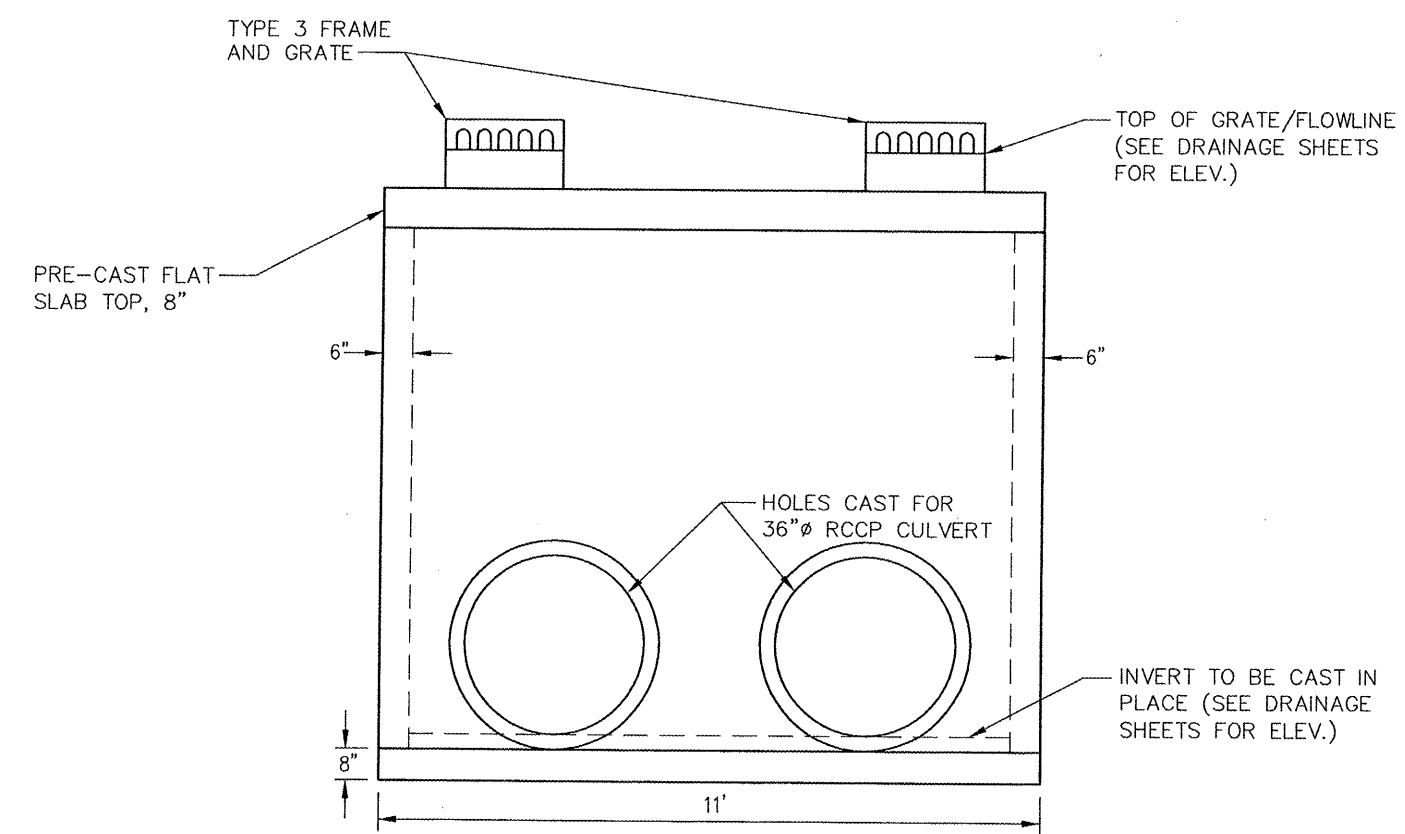
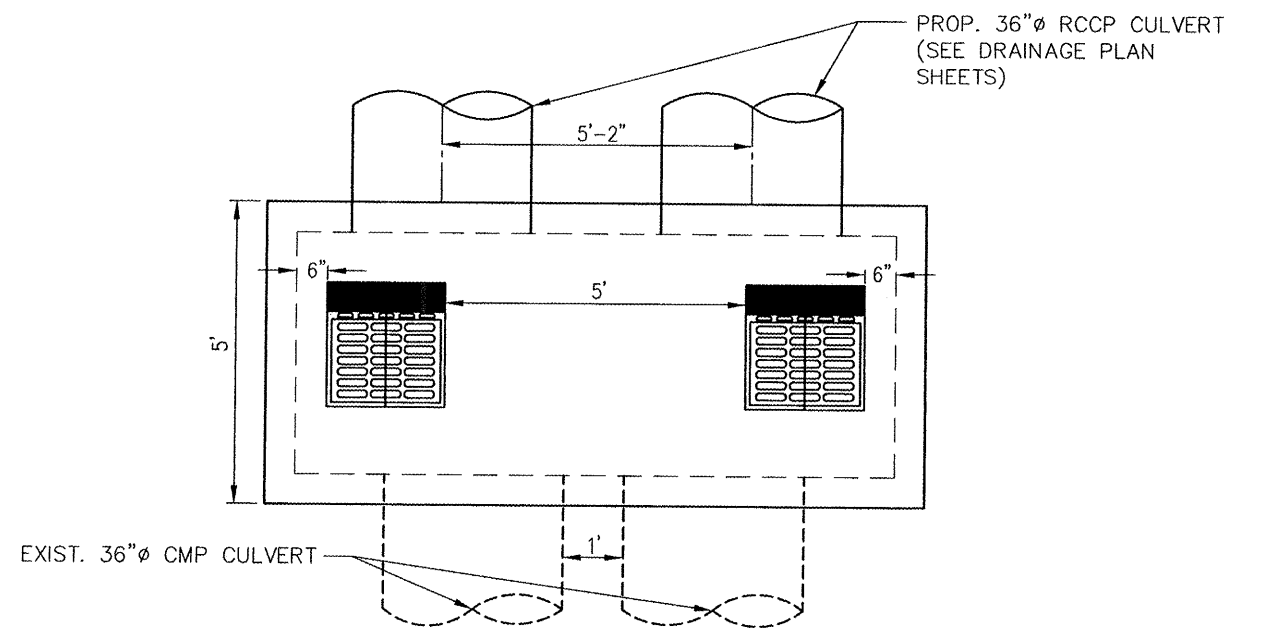
MISCELLANEOUS
DETAILS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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P&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
783 9392	05-00025-00-IL 07-00025-01-WE	MADISON	135	85
STA.		TO STA.		

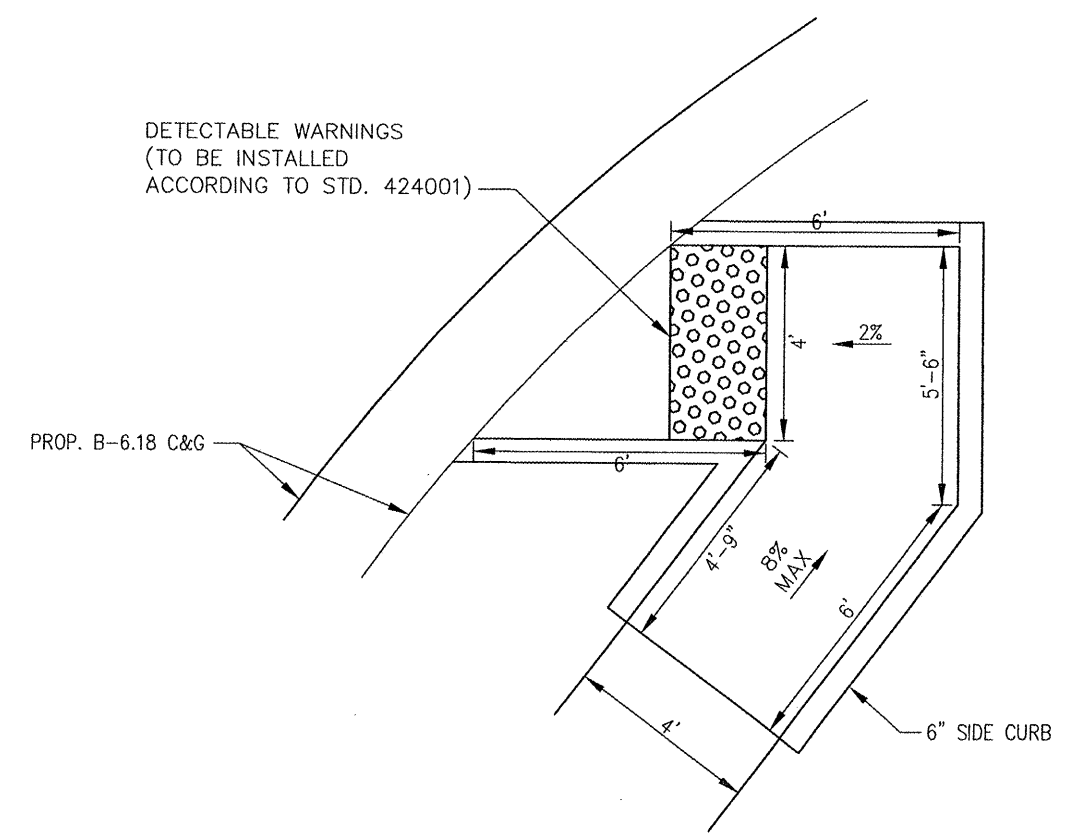
CONTRACT NO. 97352



SPECIFICATIONS:
PRE-CAST INLET SHALL CONFORM TO ASTM C-478

EXECUTION:
ALL WORK SHALL CONFORM TO ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

INLET, SPECIAL #3
TROY-O'FALLON ROAD
STA. 103+43.20 RT &
STA. 103+46.78 LT



PROP. SIDEWALK RAMP, TYPE A
(PAID AS PCC SIDEWALK, 4")

TROY-O'FALLON ROAD
STA 107+72.88 RT
STA 108+49.80 RT
STA 125+17.77 RT
STA 125+25.17 LT
STA 125+91.16 LT
STA 125+97.59 RT

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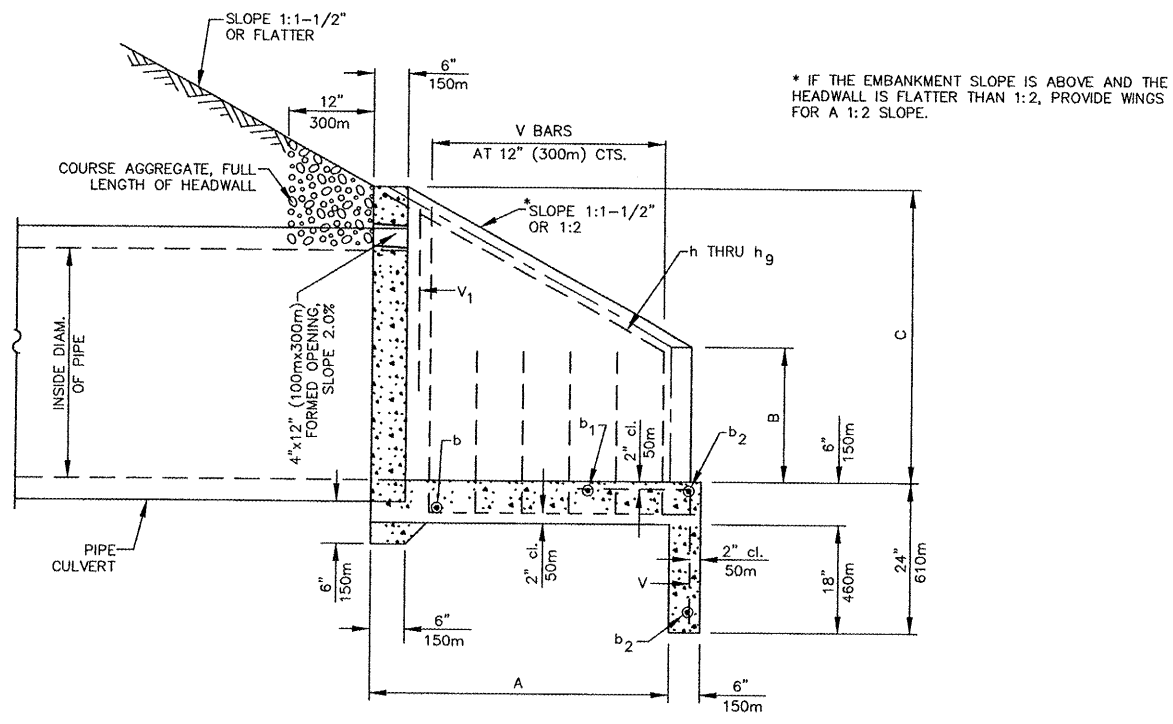
REVISIONS	
NAME	DATE

MISCELLANEOUS
DETAILS

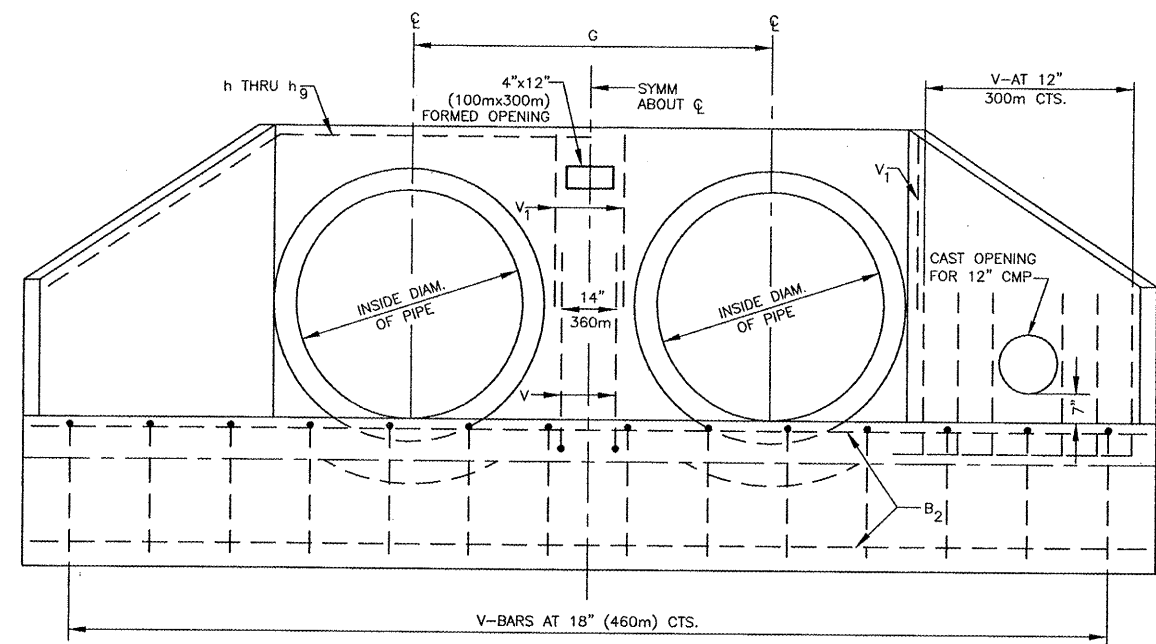
US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-LT	MADISON	135	86
STA.	TO STA.			

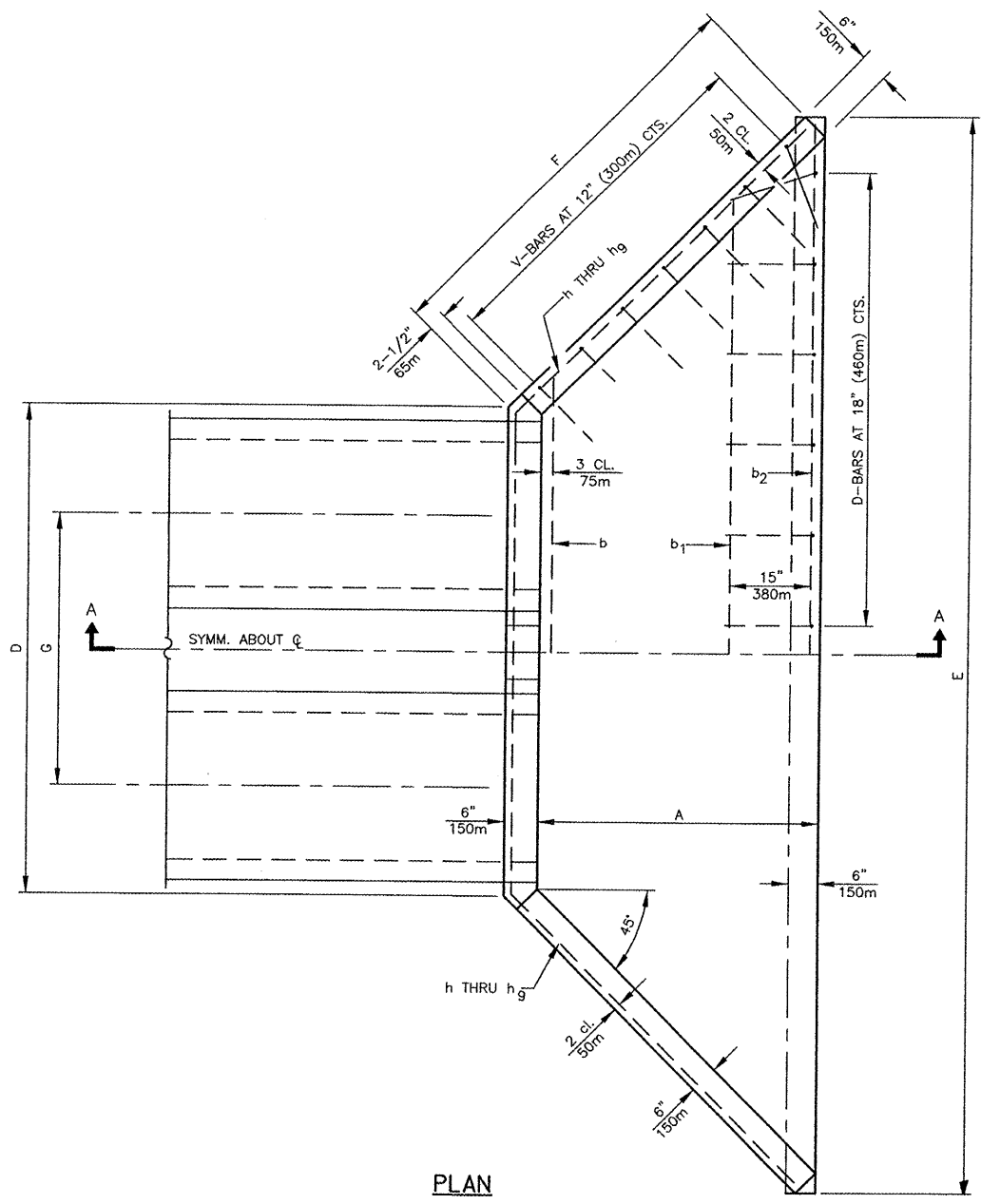
CONTRACT NO. 97352



SECTION A-A



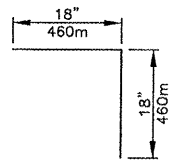
END ELEVATION



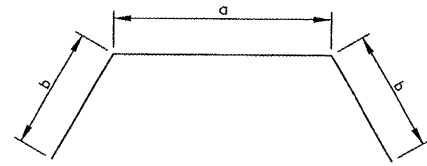
PLAN

CAST-IN-PLACE REINFORCED CONCRETE END SECTION, 36"
 STA 103+49.41 48.06' LT
 (SHEET 1 OF 2)

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BAR V



BAR h TO hg
BEND IN FIELD
ONE REQUIRED IN EACH HEADWALL

DIMENSIONS OF BARS

BARS	FOR 2 PIPES	
	a	b
h	4'-11" 1.5m	29" 740m
h ₁	4'-11" 1.5m	3' 3-1/2" 1.0m
h ₂	5'-5" 1.65m	29" 740m
h ₃	5'-5" 1.65m	3' 3-1/2" 1.0m
h ₄	6'-9" 2.06m	39" 990m
h ₅	6'-9" 2.06m	4'-3" 1.3m
h ₆	7'-9" 2.36m	3' 10-1/2" 1.18m
h ₇	7'-9" 2.36m	4' 10-1/2" 1.49m
h ₈	9'-0" 2.75m	4'-9" 1.45m
h ₉	9'-0" 2.75m	5'-9" 1.75m

TABLE OF DIMENSIONS

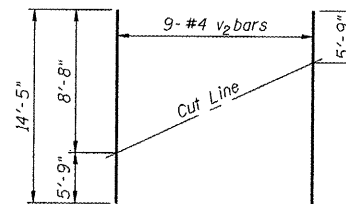
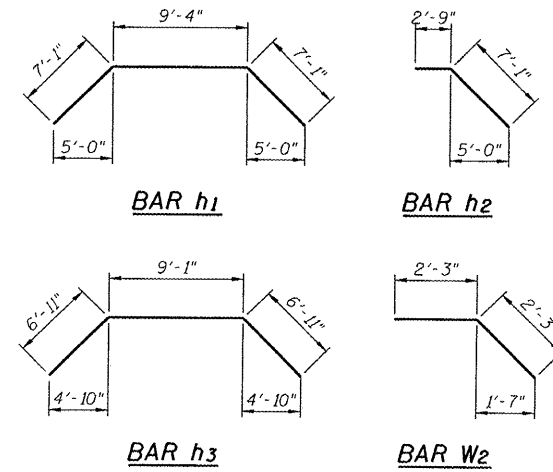
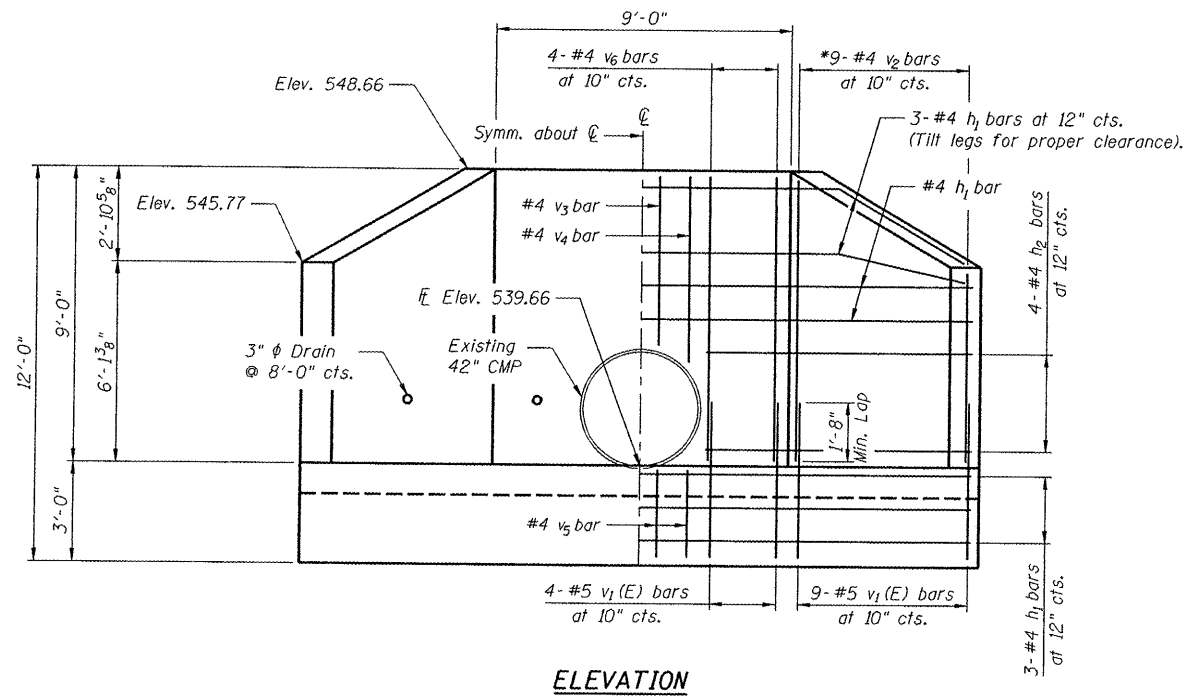
DESIGN NO.	NOMINAL INSIDE DIA. OF PIPE	SLOPE OF WING WALLS	DIMENSIONS						
			FOR ALL MULTIPLES OF PIPES				FOR 2 PIPES		
			A	B	C	F	G	D	E
D36"-2 D900m-2	36" 900m	1:2	4'-0" 1.22m	22" 560m	3'-10" 1.17m	5'10-1/2" 1.79m	5'-2" 1.57m	9'-0" 2.75m	17' 6-1/2" 5.28m

TABLE OF QUANTITIES

DESIGN NO.	CONCRETE 2 END SECS. (CU. YDS.)	FOR 2 PIPES										TOTAL QUANTITY 2 END SECS. LBS. (KG)	
		REINFORCEMENT BARS IN ONE END SECTION											
		NO. 4 h BARS (NO. 13)		NO. 4 b ₂ BARS (NO. 13)		NO. 4 b ₁ BARS (NO. 13)		NO. 4 b BARS (NO. 13)		NO. 4 V ₁ BARS (NO. 13)			NO. 4 V BARS (NO. 13)
BAR	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	
D36"-2 (D900m-2)	5" 3.8m	hg	20'-6" 6.25m	2	17'-0" 5.18m	1	14'-6" 4.42m	1	9'-9" 2.97m	4	3'-6" 1.07m	26	230 104kg

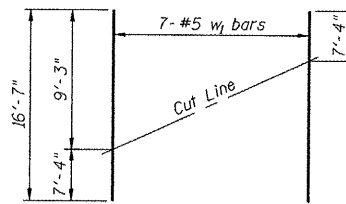
CAST-IN-PLACE REINFORCED CONCRETE END SECTION, 36"
STA 103+49.41 48.06' LT
(SHEET 2 OF 2)

*See Field Cutting Diagram



FIELD CUTTING DIAGRAM

Order v₂ full length. Cut as shown and use remainder of bars in other wingwall.

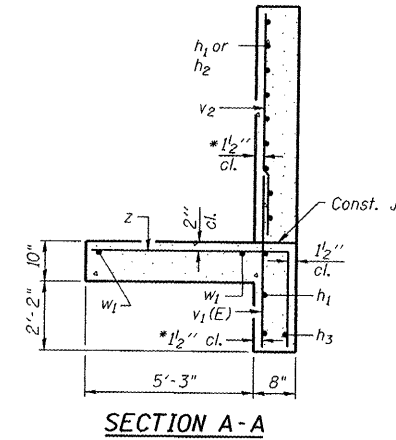


FIELD CUTTING DIAGRAM

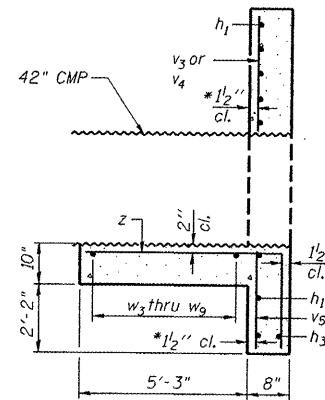
Order w₁ full length. Cut as shown and use remainder of bars in other wingwall footing.

DESIGN STRESSES

f_y = 60,000 psi
f'_c = 3,500 psi



* v bars shall not be placed more than 1/2" cl. from back face of wingwall.



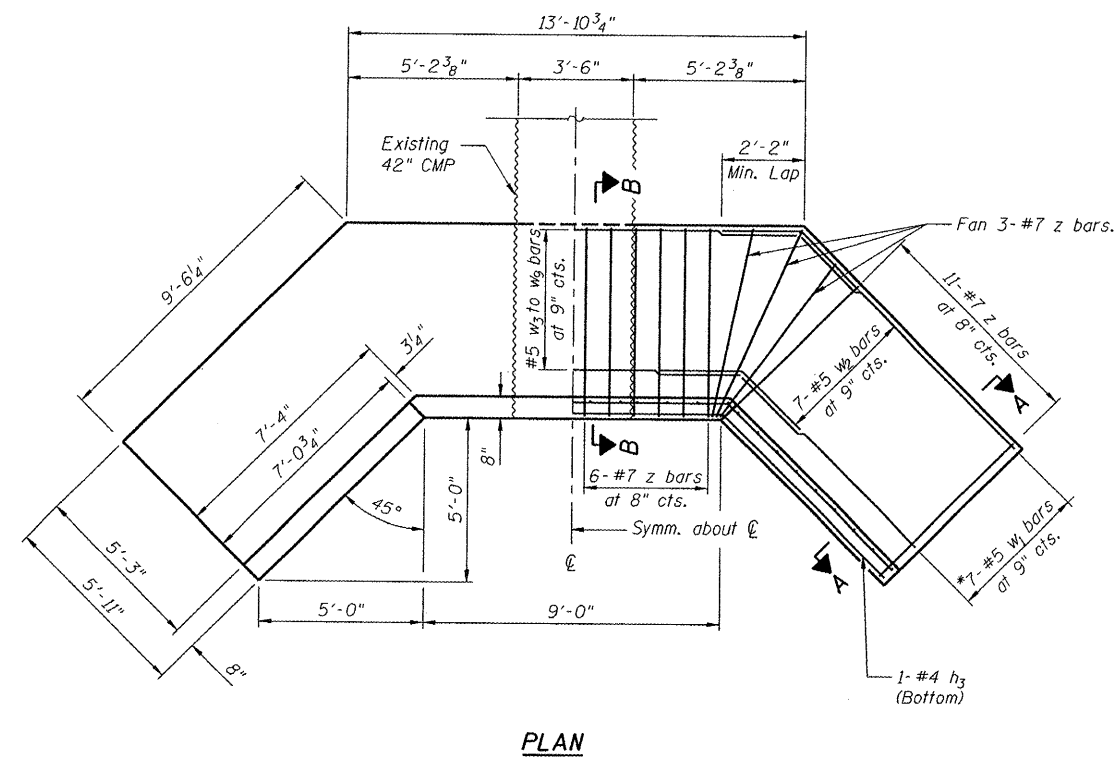
* v bars shall not be placed more than 1/2" cl. from back face of wingwall.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h ₁	8	#4	23'-6"	
h ₂	8	#4	9'-10"	
h ₃	1	#4	22'-11"	
v ₁ (E)	26	#5	4'-9"	
v ₂	9	#4	14'-5"	
v ₃	2	#4	5'-1"	
v ₄	2	#4	5'-8"	
v ₅	4	#4	2'-7"	
v ₆	8	#4	8'-8"	
w ₁	7	#5	16'-7"	
w ₂	14	#5	4'-6"	
w ₃	1	#5	13'-9"	
w ₄	1	#5	13'-1"	
w ₅	1	#5	12'-5"	
w ₆	1	#5	11'-9"	
w ₇	1	#5	11'-1"	
w ₈	1	#5	10'-5"	
w ₉	1	#5	9'-9"	
z	40	#7	8'-4"	
Concrete Box Culverts Cu. Yd. 10.9				
Reinforcement Bars, Epoxy Coated Pound 130				
Reinforcement Bars Pound 1300				

Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.



PLAN

**CAST-IN-PLACE REINFORCED CONCRETE END SECTION 42", SPECIAL
STA 111+68.98 48.82' LT**

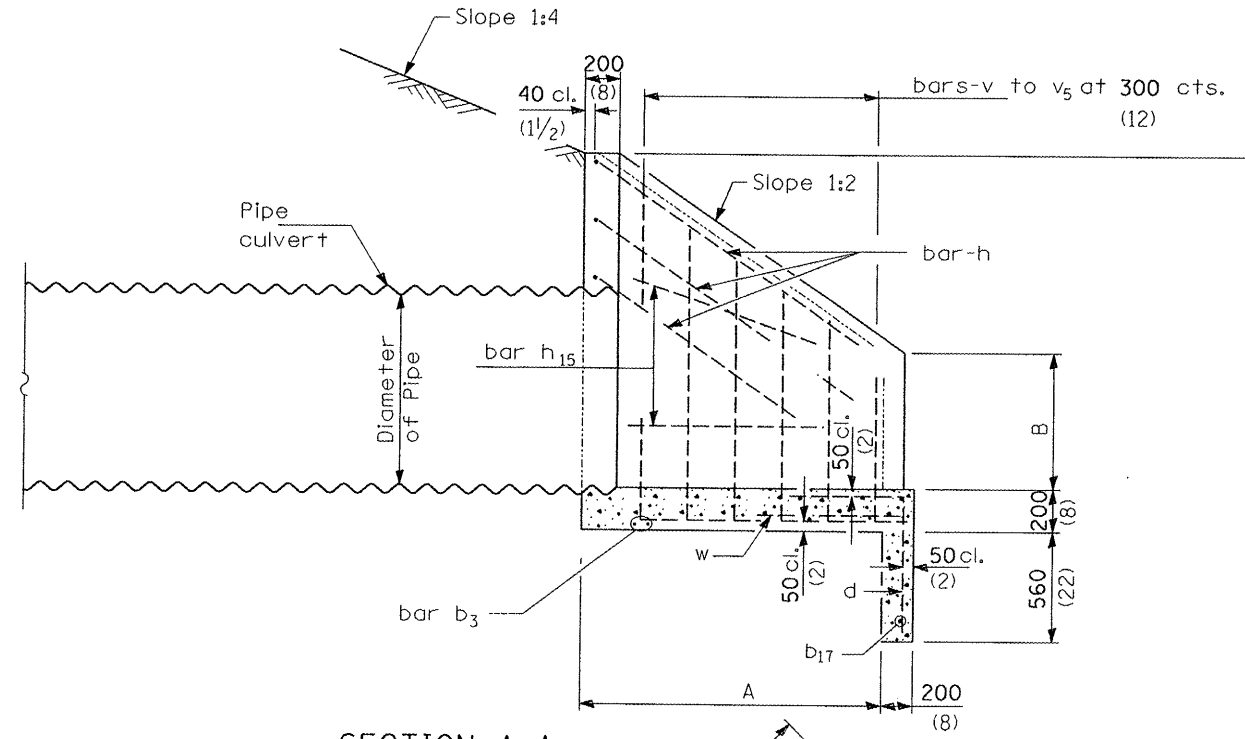
REVISIONS	
NAME	DATE

MISCELLANEOUS DETAILS

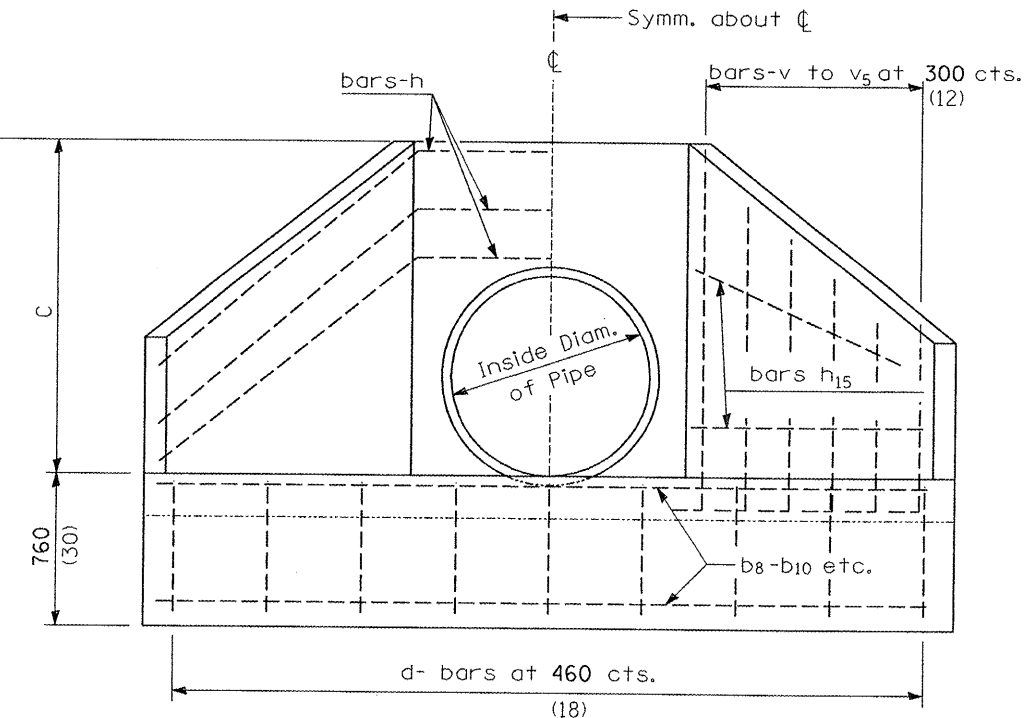
US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

APP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9382	05-00025-00-TL 07-00025-01-WR	MADISON	135	89
STA.		TO STA.		

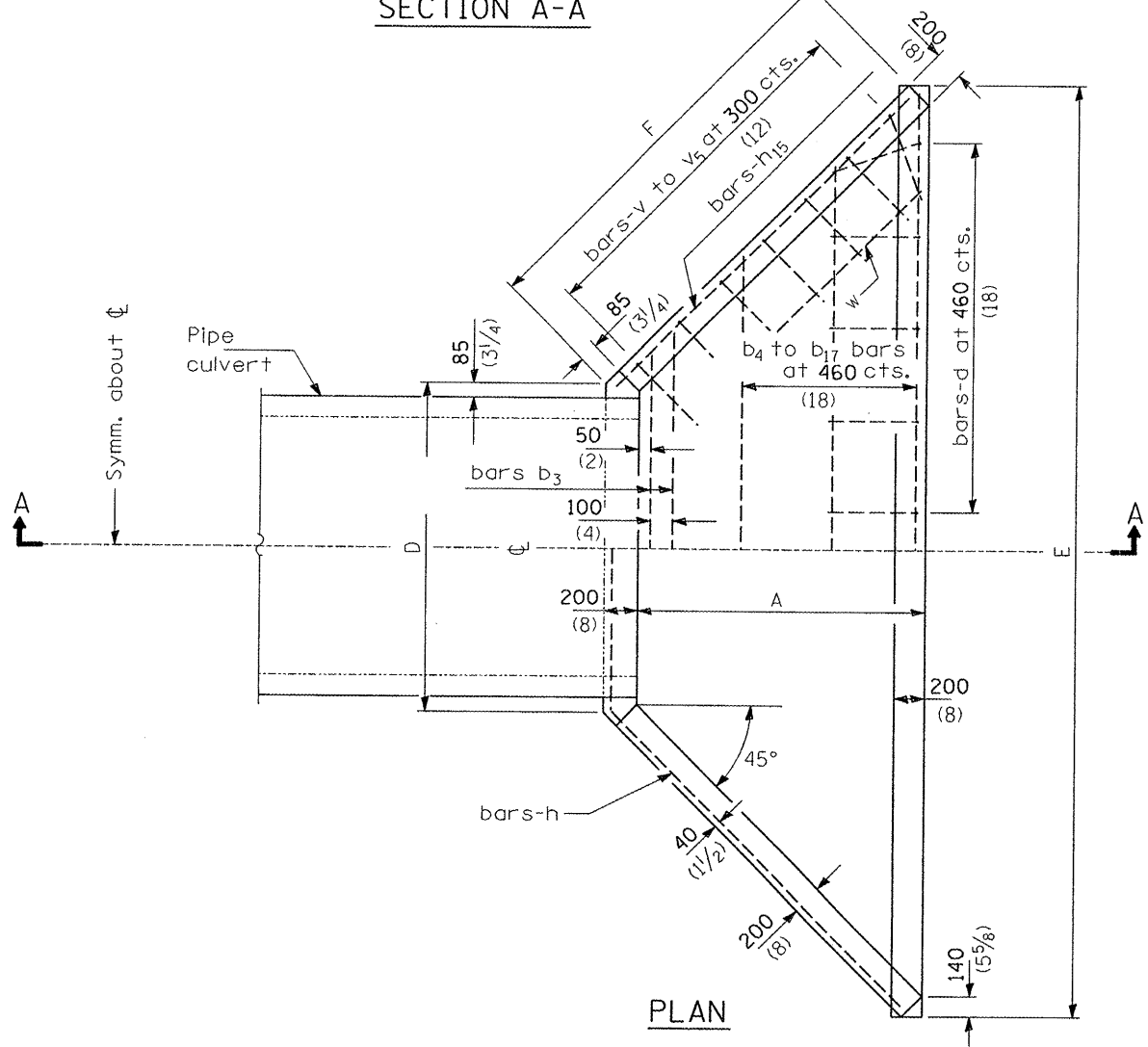
CONTRACT NO. 97352



SECTION A-A



END ELEVATION



PLAN

GENERAL NOTES

- *All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- All dimensions are in millimeters (inches) unless otherwise shown.

CAST-IN-PLACE REINFORCED CONCRETE END SECTION 36", SPECIAL
 STA 119+48.92 42.00' RT
 (SHEET 1 OF 2)

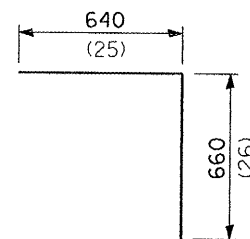
REVISIONS	
NAME	DATE

MISCELLANEOUS DETAILS

US 40 AND
 TROY-O'FALLON ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

SIZES OF STRAIGHT BARS

BARS	SIZE	LENGTH
b ₃	No. 16 (No. 5)	1.9 m (6'-3")
b ₇	No. 13 (No. 4)	2.67 m (8'-9")
b ₁₁	No. 13 (No. 4)	3.58 m (11'-9")
b ₁₅	No. 13 (No. 4)	4.50 m (14'-9")
b ₁₇	No. 13 (No. 4)	5.26 m (17'-3")
h ₁₅	No. 13 (No. 4)	2.67 m (8'-9")
w	No. 13 (No. 4)	1.22 m (4'-0")



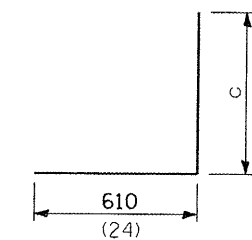
BAR d
No. 13
(No. 4)

BARS IN ONE END SECTION

BARS	No.
d	12
b ₃	2
b ₇	1
b ₁₁	1
b ₁₅	1
b ₁₇	2
h	3
h ₁₅	4
v	4
v ₁	2
v ₂	2
v ₃	4
v ₄	2
v ₅	4
w	2

DIMENSIONS OF BENT BARS

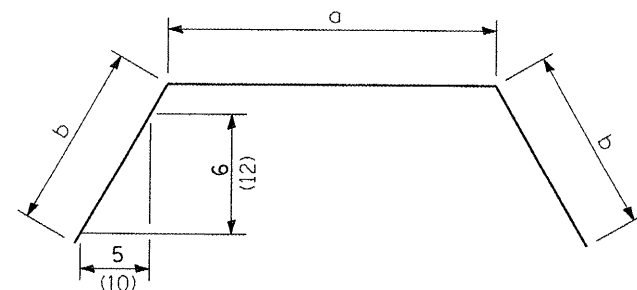
No. 16-bars v to v ₅ (No. 5)			No. 16-bars h (No. 5)			
BARS	c	TOTAL LENGTH	BARS	a	b	TOTAL LENGTH
v	1.83 m (6'-0")	2.44 m (8'-0")	h	1.42 m (4'-8")	2.83 m (9'-3 1/2")	7.09 m (23'-3")
v ₁	1.68 m (5'-6")	2.29 m (7'-6")				
v ₂	1.52 m (5'-0")	2.13 m (7'-0")				
v ₃	1.37 m (4'-6")	1.98 m (6'-6")				
v ₄	1.22 m (4'-0")	1.83 m (6'-0")				
v ₅	1.07 m (3'-6")	1.68 m (5'-6")				



BARS v to v₅

DIMENSIONS AND QUANTITIES

NOMINAL INSIDE DIAM. OF PIPE	DIMENSIONS						Concrete 1 End Secs. m ³ (cu. yds.)	Reinf. Bars 1 End Secs. kg (lbs.)
	A	B	C	D	E	F		
900 (36)	1.88 m (6'-2")	890 (35)	1.83 m (6'-0")	1.48 m (4'-10")	5.35 m (17'-6 1/2")	2.74 m (9'-0")	4.0 (5.2)	145 (320)



BARS - h

CAST-IN-PLACE REINFORCED CONCRETE END SECTION 36". SPECIAL
STA 119+48.92 42.00' RT
(SHEET 2 OF 2)

REVISIONS	
NAME	DATE

MISCELLANEOUS DETAILS

US 40 AND
TROY-O'FALLON ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

DESIGN SPECIFICATIONS

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 4TH EDITION

DESIGN STRESSES

$f'_c = 3500$ psi
 $f_y = 60,000$ psi

LOADING

40 #/cu. ft. EQUIVALENT FLUID WEIGHT

GENERAL NOTES

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR. 60.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

TOP EDGES OF WALL SHALL BE CHAMFERED $\frac{3}{4}$ ".

CONCRETE SHALL BE CLASS S1.

PERFORATED PVC DRAIN PIPE SHALL CONFORM TO SECTION 1040 OF THE STANDARD SPECIFICATIONS.

FILTER FABRIC SHALL CONFORM TO SECTION 1080 OF THE STANDARD SPECIFICATIONS.

THE PERFORATED PVC PIPE SHALL DAYLIGHT ON BOTH ENDS OF THE WALL AND A SLOTTED CAP SHALL BE PLACED ON BOTH ENDS.

CONCRETE, CONCRETE REINFORCEMENT, PVC DRAIN PIPE, CA7, AND FILTER FABRIC SHALL BE INCIDENTAL TO CONCRETE BARRIER WALL, SPECIAL.

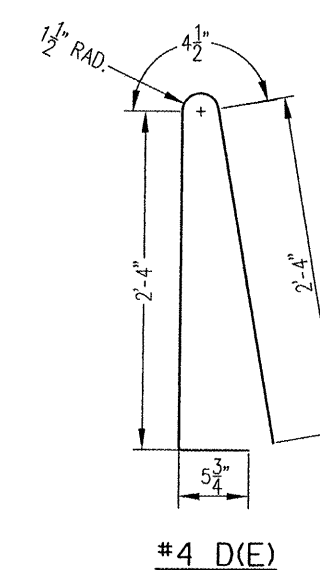
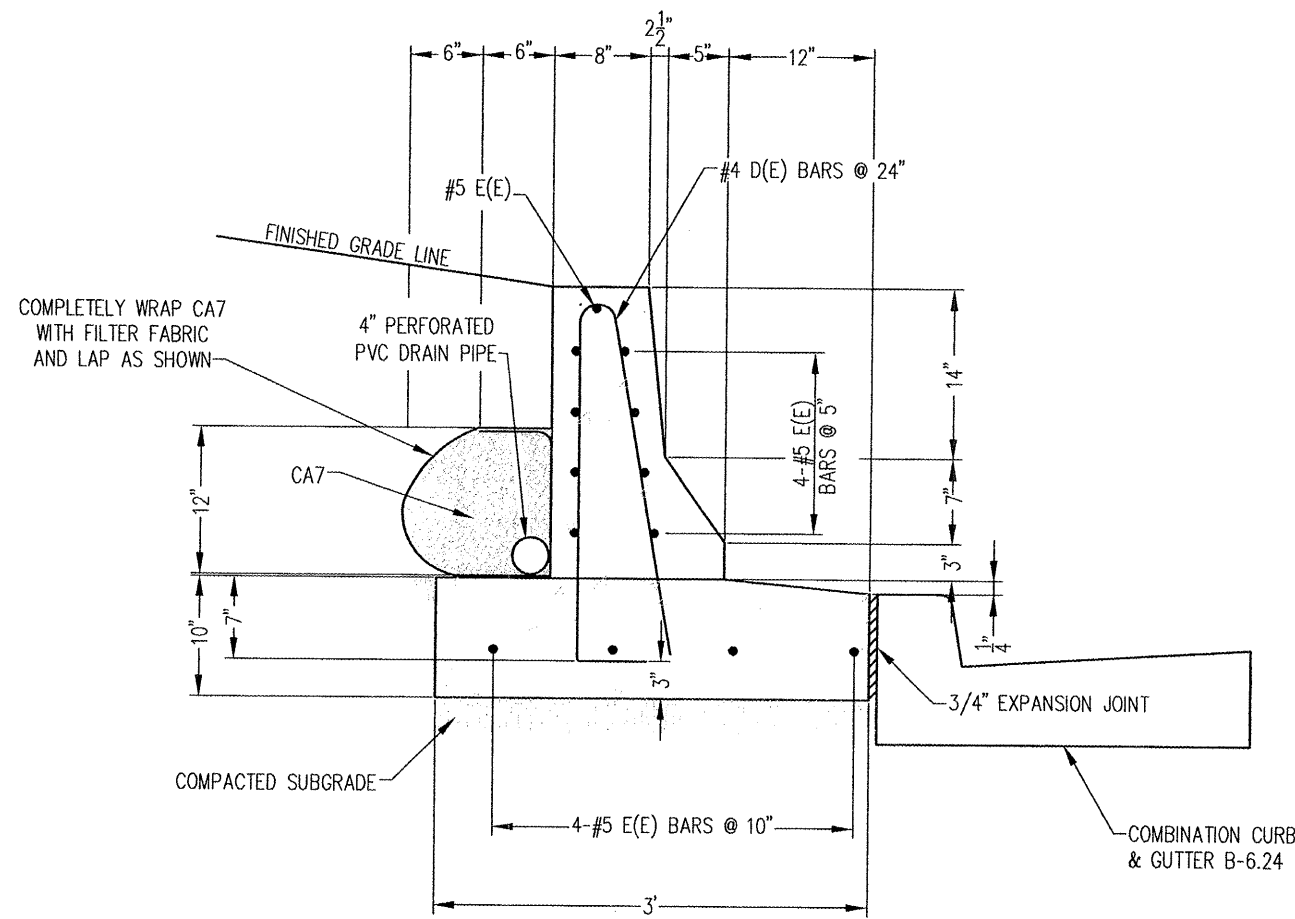
MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE $1\frac{1}{2}$ ", UNLESS OTHERWISE SHOWN.

MINIMUM BAR LAPS

#5 BARS 2'-2"

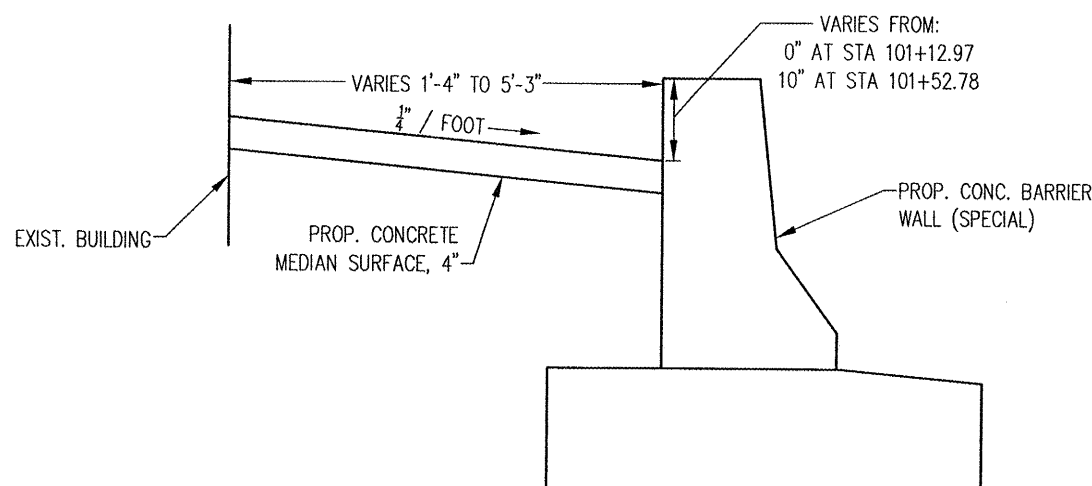
APP. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
783 8392	05-00025-00-TL 07-00025-01-WR	MADISON	1.35	91

CONTRACT NO. 97352



CONCRETE BARRIER WALL (SPECIAL)

TROY-O'FALLON ROAD
 STA 100+88.50 TO 101+59.91 RT



CONCRETE MEDIAN SURFACE, 4"

TROY-O'FALLON ROAD
 STA 101+12.97 TO 101+52.78 RT

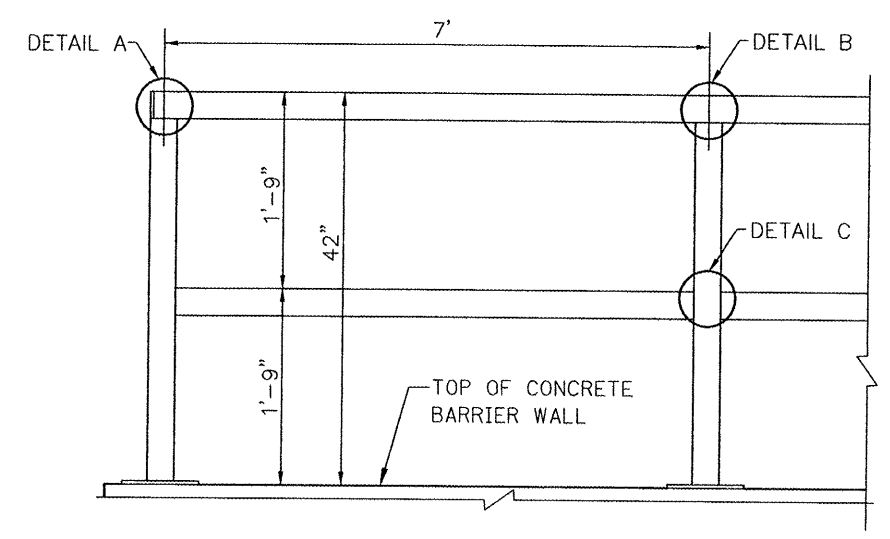
REVISIONS	
NAME	DATE

MISCELLANEOUS
 DETAILS
 US 40 AND
 TROY-O'FALLON ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

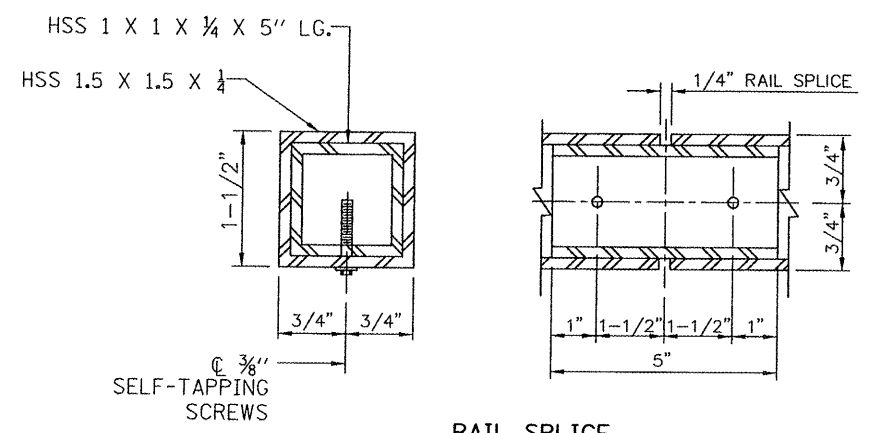
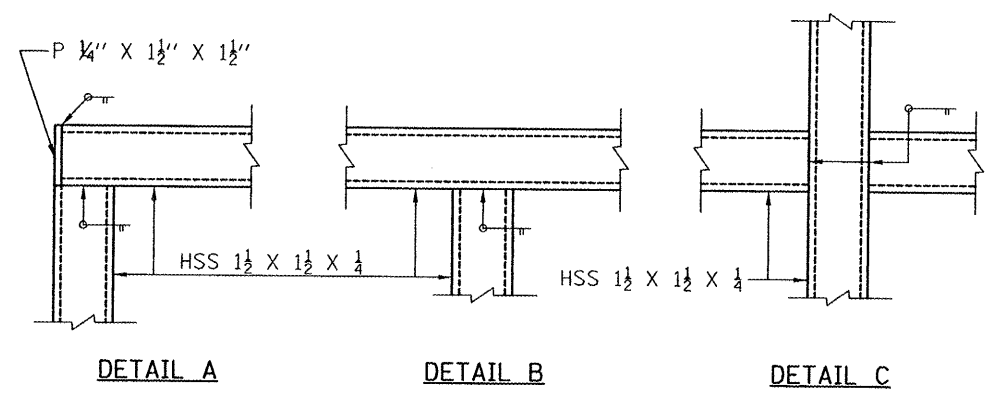
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PM#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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8392	07-00025-01-WE			
STA.	TO STA.			

CONTRACT NO. 97352

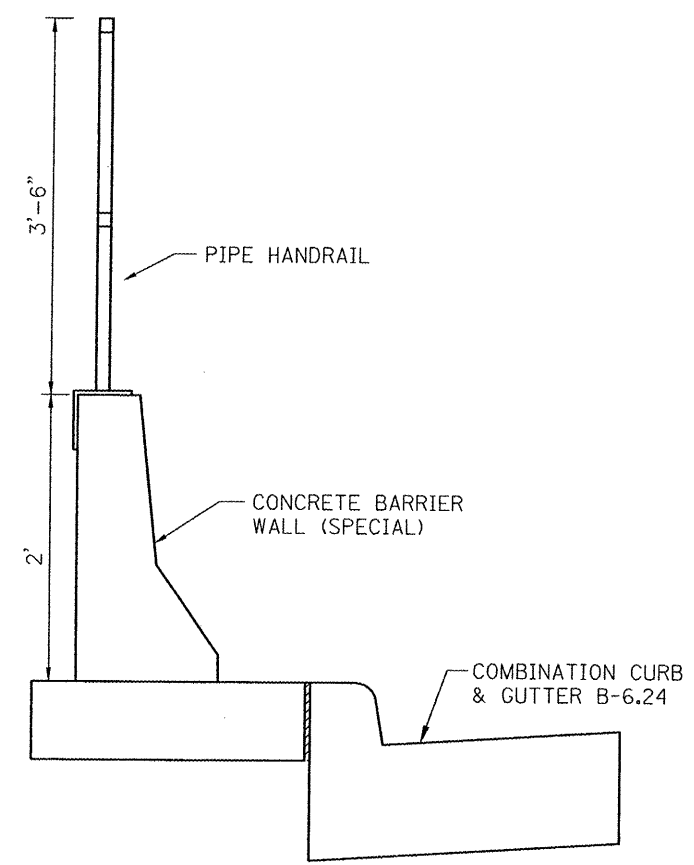


PIPE RAILING ELEVATION

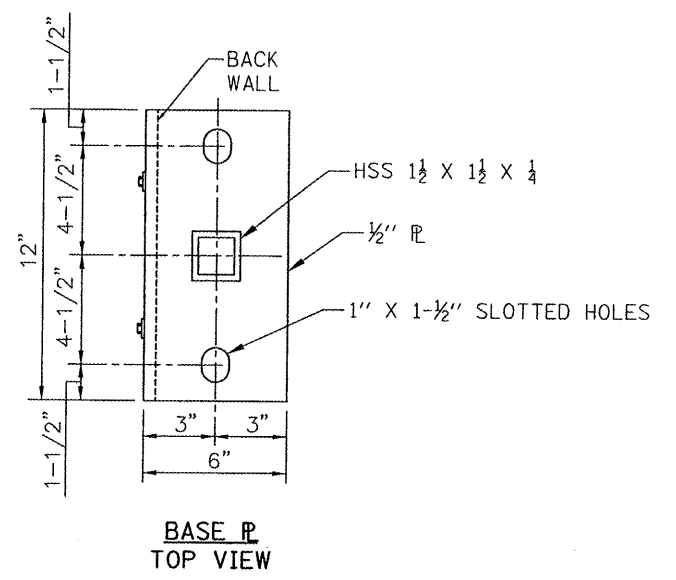


RAIL SPLICE

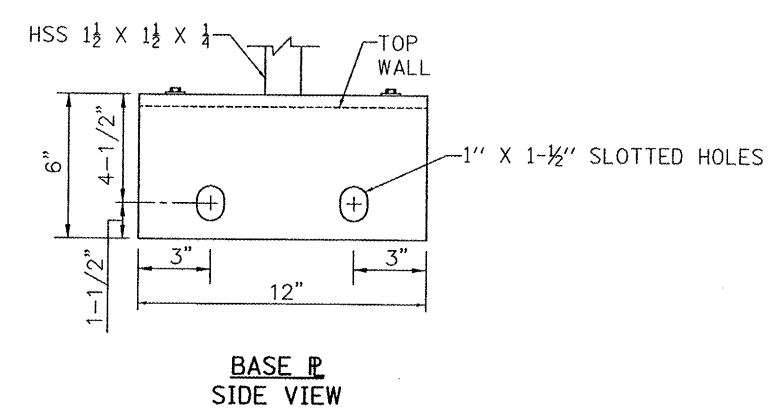
NOTES
 ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.



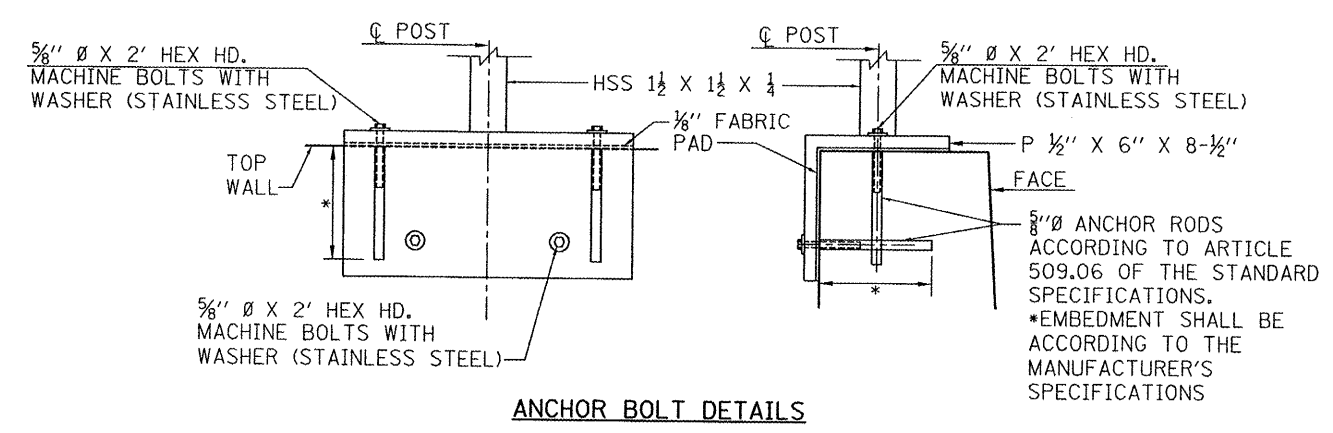
SECTION THRU WALL



BASE PL TOP VIEW



BASE PL SIDE VIEW



ANCHOR BOLT DETAILS

PIPE HANDRAIL DETAIL
 TROY-O'FALLON ROAD
 STA 100+88.50 TO 101+59.91 RT

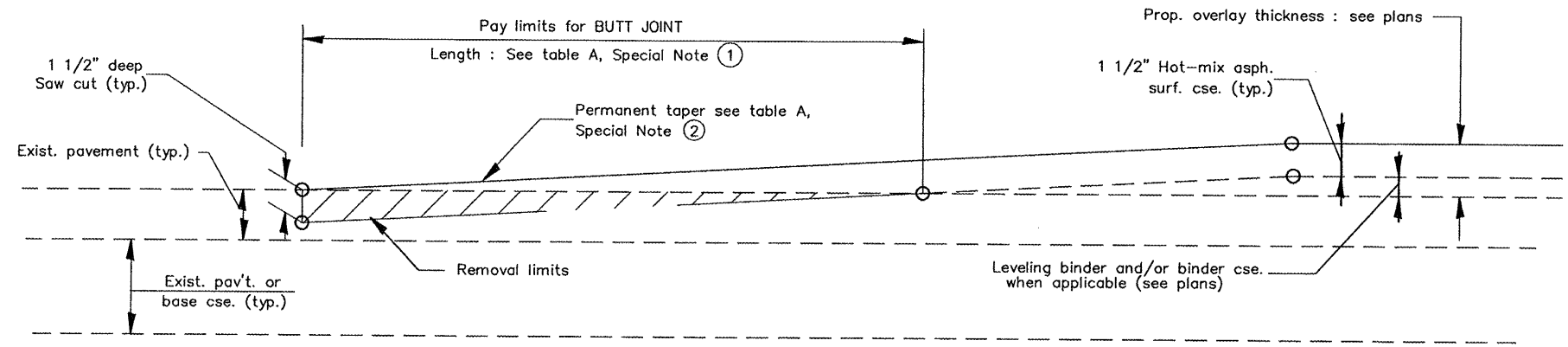
REVISIONS	
NAME	DATE

MISCELLANEOUS DETAILS
 US 40 AND
 TROY-O'FALLON ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

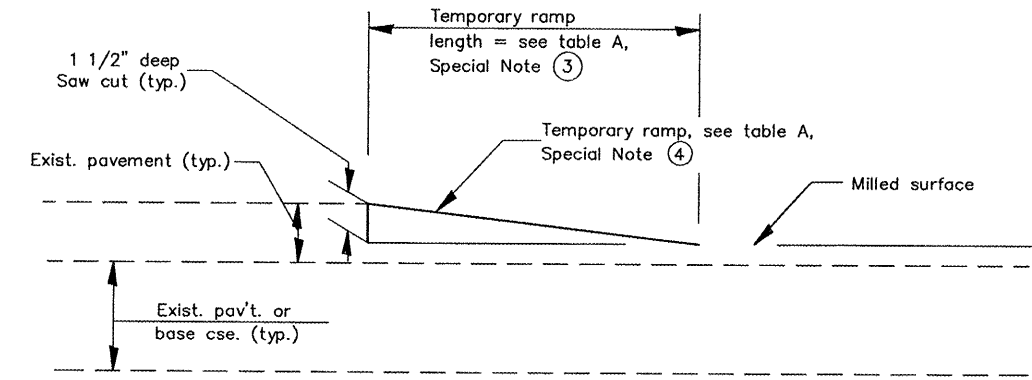
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F&P NO.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9392	05-00025-00-TL 07-90025-01-WR	MADISON	135	93
STA.	TO STA.			

CONTRACT NO. 97352



BUTT-JOINT DETAIL



DETAIL TEMPORARY RAMP

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	2-LANE HIGHWAYS	TURTLE CREEK MEADOWBROOK DR. FAIR OAKS DR.	*ALL OTHERS
①	LENGTH OF BUTT JOINT	60'	30'	20'	10'
②	PERMANENT TAPER RATE	1:480	1:240	1:160	1:80
③	TEMPORARY RAMP TAPER RATE	1:80	1:40	1:40	1:40
④	TEMPORARY RAMP LENGTH	10'	5'	5'	5'

*ALONG US 40: STA 237+23.11 RT, STA 241+34.31 LT, STA 243+15.54 LT, STA 247+93.02 RT AND STA 248+63.33 LT

GENERAL NOTES

- All work shall be done in accordance with the most current edition of the IDOT Standard Specifications for Road & Bridge Construction.

HOT-MIX ASPHALT SURFACE REMOVAL – BUTT JOINT AND PORTLAND CEMENT CONCRETE SURFACE REMOVAL – BUTT JOINT

SOUTH MAIN STREET: STA 99+79.71 TO STA 100+09.71
 US 40: STA 236+99.46 TO STA 237+29.46
 US 40: STA 254+52.64 TO STA 254+82.64
 TROY-O'FALLON ROAD: STA 131+17.11 TO STA 131+47.11
 TURTLE CREEK: STA 9+17.29 TO STA 9+27.29
 MEADOWBROOKE DR.: STA 9+42.12 TO STA 9+62.12
 FAIR OAKS DR: STA 10+42.05 TO STA 10+62.05
 ALONG US 40: STA 237+23.11 RT, STA 241+34.31 LT, STA 243+15.54 LT, STA 247+93.02 RT AND STA 248+63.33

REVISIONS	
NAME	DATE

MISCELLANEOUS DETAILS

US 40 AND TROY-O'FALLON ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

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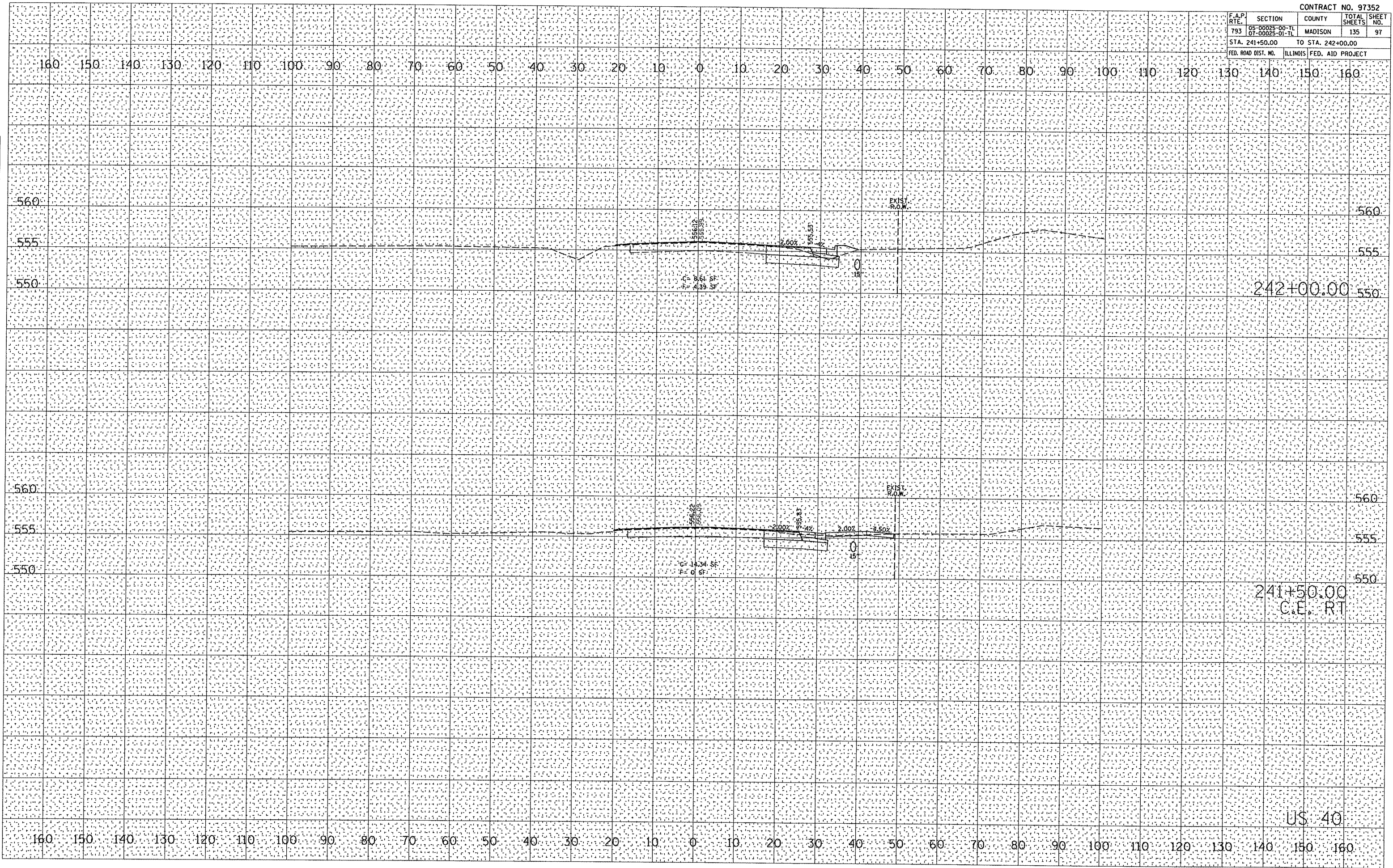
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-06025-00-TL 07-00028-01-TL	MADISON	135	97

STA. 241+50.00 TO STA. 242+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

DATE	
BY	
NO.	
FINAL SURVEY	
SURVEYED	
NOTE BOOK	
TEMP. PLATE	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
PLOTTED	
TEMP. PLATE	
AREAS CHECKED	

11/5/2008
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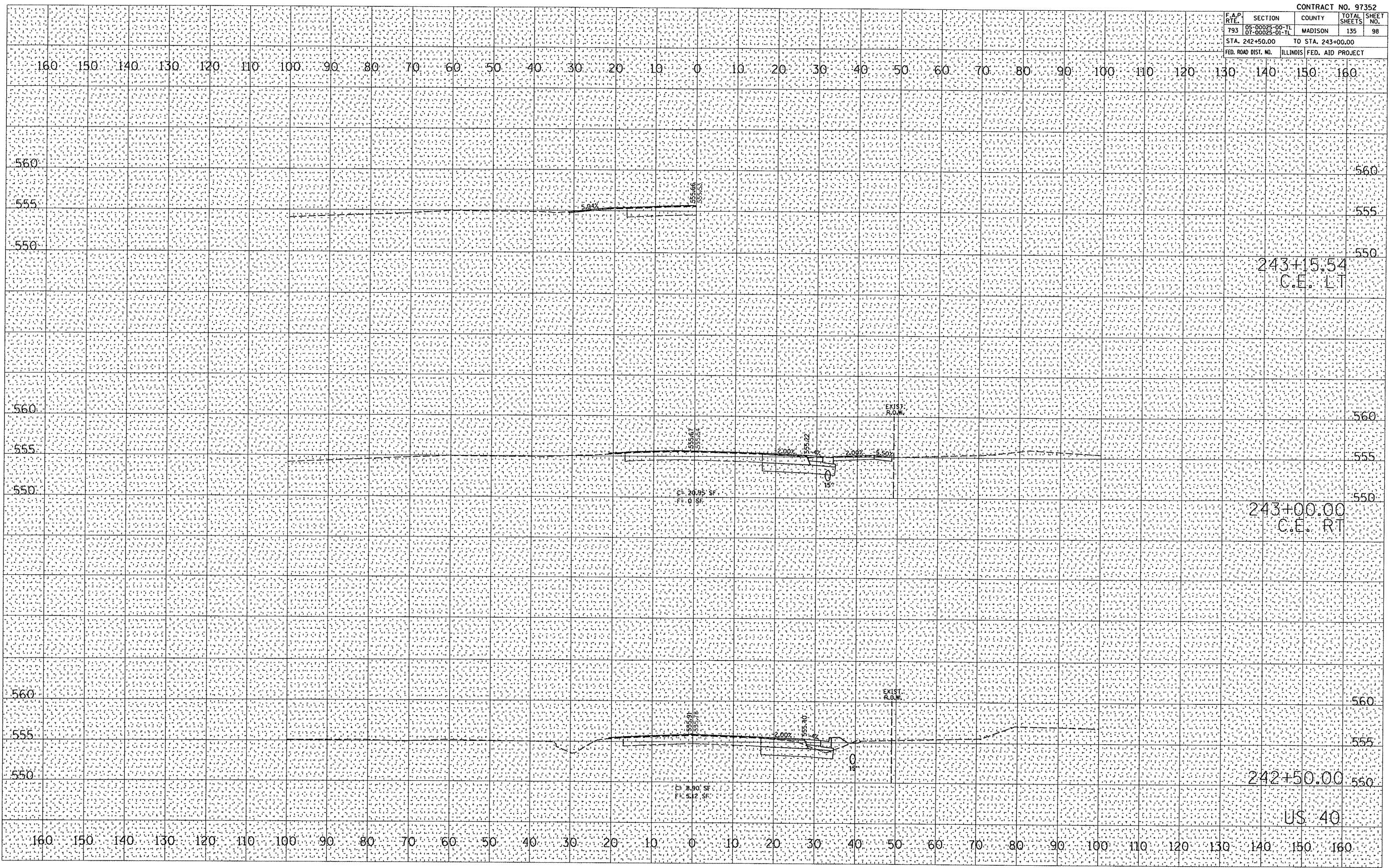


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-TL	MADISON	135	98
STA. 242+50.00		TO STA. 243+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE: _____
 BY: _____
 SURVEYED _____
 NOTE BOOK _____
 TEMPLATE _____
 AREAS CHECKED _____

DATE: _____
 BY: _____
 SURVEYED _____
 NOTE BOOK _____
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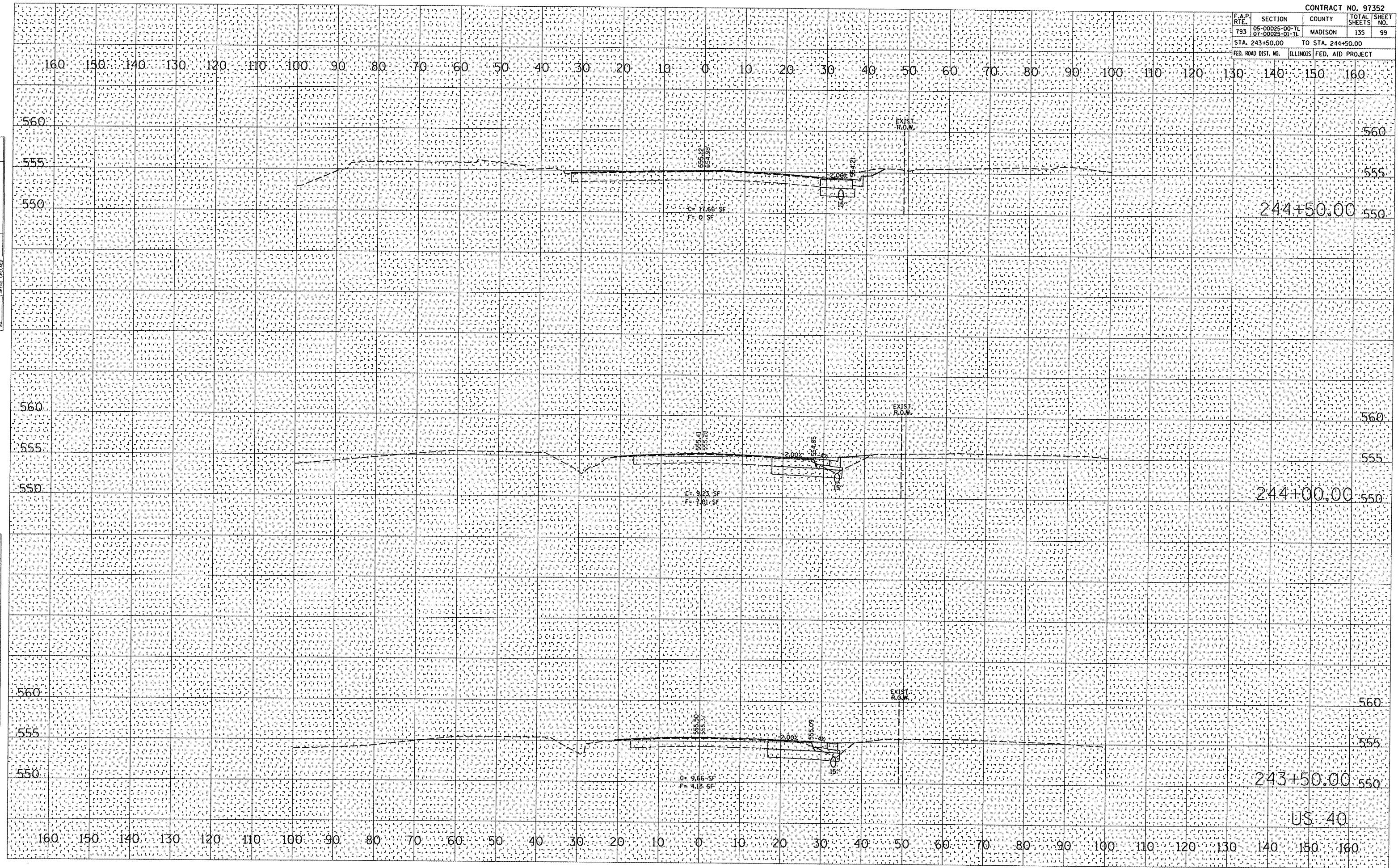


F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793	05-00025-00-TL 07-00025-01-TL	MADISON	135	99
STA. 243+50.00		TO STA. 244+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
NO.	
FINAL SURVEY	
NOTE BOOK	
TEMP. PLATE	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
FLIPPED	
TEMP. PLATE	
AREAS CHECKED	

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US 40

