

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

F.A.U. ROUTE 9397
LOWER MARINE ROAD
CITY OF TROY
MADISON COUNTY
SECTION 01-00022-00-RP
PROJECT NO. M-5011(163)
JOB NO. C-98-327-03

ROUTE NO	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.U. 9397	00-00022-00-RP	MADISON	1	72
FEDERAL AID PROJECT CONTRACT NO. 97269				

INDEX OF SHEETS

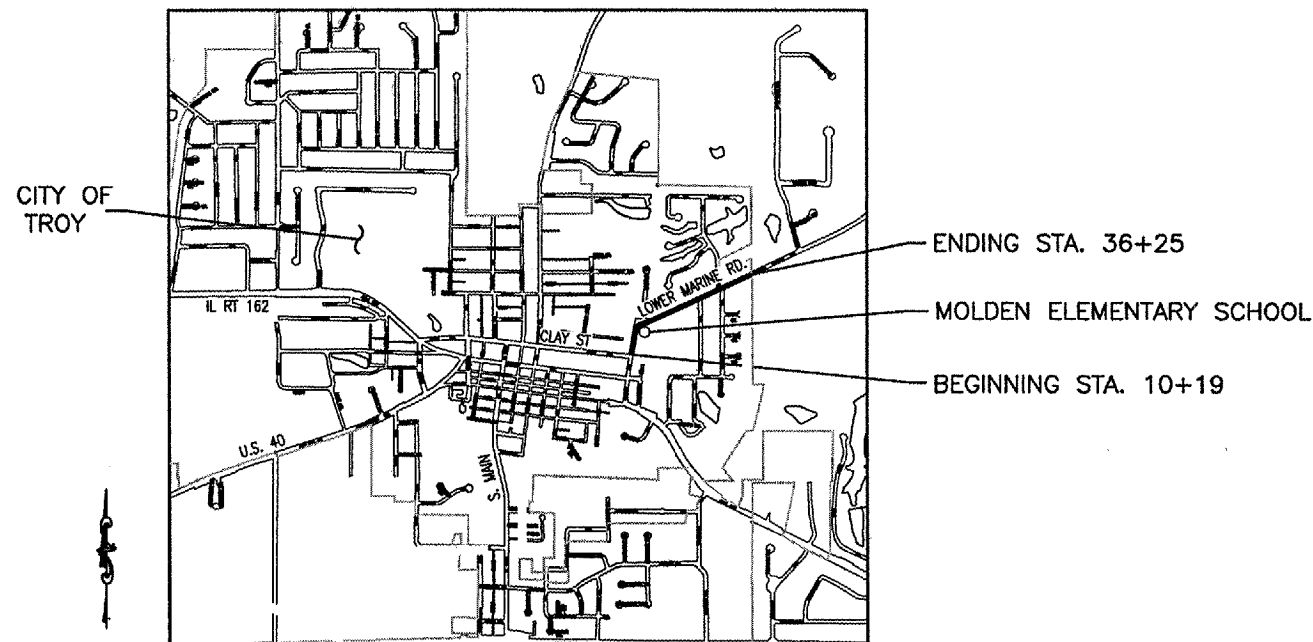
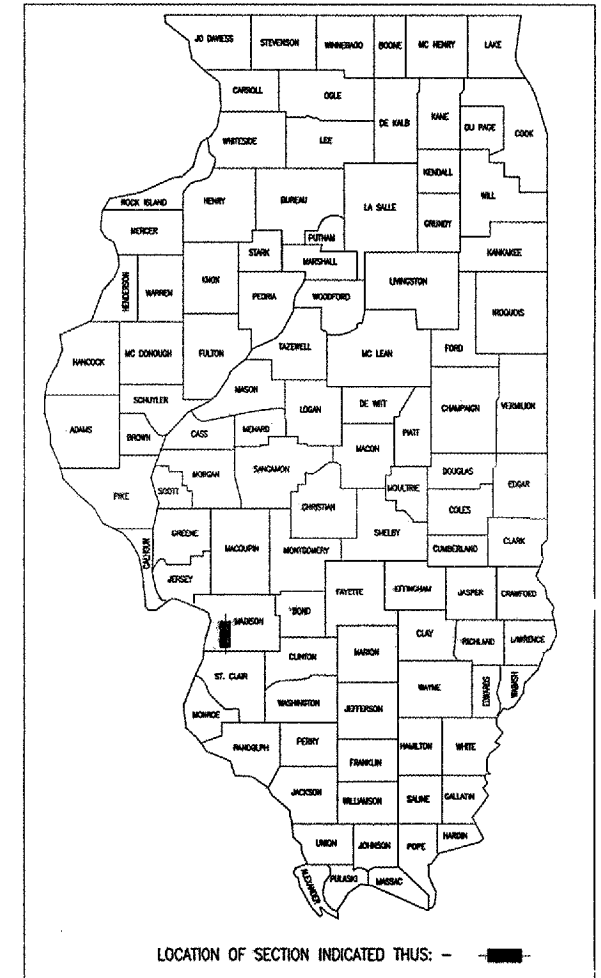
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	GENERAL NOTES
3.	SUMMARY OF QUANTITIES
4.-9.	SCHEDULE OF QUANTITIES
10.-12.	TYPICAL SECTIONS
13.	ALIGNMENTS, TIES, AND BENCHMARKS
14.-21.	PLAN AND PROFILE SHEETS
22.-28.	STORM WATER POLLUTION PREVENTION PLAN AND TEMPORARY EROSION CONTROL PLAN
29.-36.	DRAINAGE SHEETS
37.-42.	RIGHT-OF-WAY PLAN
43.-46.	INTERSECTION DETAILS
47.-50.	PAVEMENT MARKING AND SIGNING PLAN
51.-54.	SPECIAL DETAILS (RETAINING WALL, SIDEWALK RAMP, ENTRANCE)
55.-72.	CROSS SECTIONS

STANDARDS

280001-02	604091-01
420001-06	606001-02
424001-04	701301-02
542401	701311-02
602301	701501-03
602306	701801-03
602401	702001-05
602406-01	720001
602701	720006
604006-02	780001-01
604036-01	805001
	880001

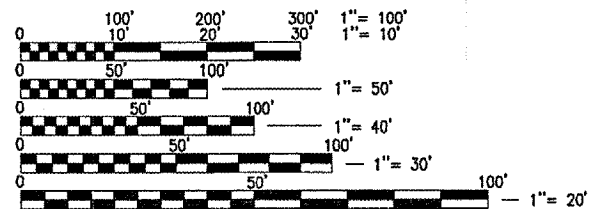
SCALES UNLESS OTHERWISE NOTED

PLAN	1"=20'
PROFILE HORIZ.	1"=20'
PROFILE VERT.	1"= 5'
CROSS SECTIONS	1"= 5' HORIZ. 1"= 2' VERT.



LOCATION MAP

NET LENGTH PROJECT = 2,606' (0.493 MILES)



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.

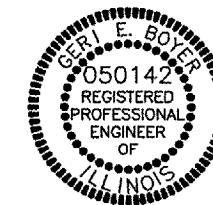
F.A.U. ROUTE 9397 DESIGN DESIGNATION
ROADWAY CLASSIFICATION = URBAN COLLECTOR
DESIGN SPEED = 30 M.P.H.
CURRENT TRAFFIC (ADT) = 1,960
DESIGN TRAFFIC (ADT) = 2,640

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

CONTRACT NO. 97269

APPROVED	<i>12/14/05</i> <i>Joe Corbett</i>	LOCAL OFFICIAL
PASSED	<i>1-4</i> <i>Henry Obertus</i>	ENGINEER OF LOCAL ROADS
APPROVED	<i>12/14/05</i> <i>Mary C. Lamie</i>	DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



12/14/05
Geri E. Boyer
GERI E. BOYER, P.E. NO. 052-050142
EXPIRES NOVEMBER 30, 2007



THOUVENOT, WADE & MOERCHEN, INC.

GENERAL NOTES

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	2
STA.	TO STA.			

CONTRACT NO. 97269

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

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.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

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.

THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION AND PERMANENTLY RESET ALL MAILBOXES AND TRAFFIC SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS IN ACCORDANCE WITH ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE CONTRACTOR MUST NOTIFY THE POST OFFICE AND ALL PROPERTY OWNERS OF THE TEMPORARY LOCATION OF ALL MAILBOXERS. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

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.

ALL CLEARING OF LOGS, SHRUBS, BUSHES, SAPLINGS, GRASS, WEEDS, OTHER VEGETATION AND STUMPS OF LESS THAN 6 INCHES IN DIAMETER WILL NOT BE MEASURED FOR PAYMENT.

THE SAW CUTTING OF EXISTING PAVEMENT NECESSARY FOR ITS REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE ITEM FOR WHICH THE SAWCUT IS BEING MADE.

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, STRAW BALE DITCH CHECKS, RIP-RAP DITCHES AND DITCH CHECKS.

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

2.2 ACRES SEEDING CL 1
 2.2 ACRES MULCH METHOD 2
 198 POUNDS NITROGEN FERTILIZER NUTRIENT
 198 POUNDS PHOSPHORUS FERTILIZER NUTRIENT
 198 POUNDS POTASSIUM FERTILIZER NUTRIENT

SEEDING DATES: FALL: AUG. 16 - DEC. 31
 SPRING: JAN. 1 - MAY 31
 NO SEEDING SHALL BE DONE BETWEEN
 JUNE 1 - AUG. 15.

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.

ALL STORM SEWER AND CULVERT PIPE TO BE REMOVED WHICH THE ENGINEER DEEMS FIT FOR RE-USE SHALL BE SALVAGED IN ACCORDANCE WITH ARTICLES 501.02 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL OTHER STORM SEWER AND CULVERT PIPE SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03.

PRECAST REINFORCED FLAT SLAB TOPS SHALL BE USED ON ALL DRAINAGE STRUCTURES. 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 B GRATE).

ALL TRAFFIC CONTROL INCLUDING BUT NOT LIMITED TO, WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED IN ACCORDANCE WITH 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.

STRUCTURAL DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC: YEAR 2015
 Pv=2,189(96%) SU=68(3%) MU=23(1%)
 ROADWAY CLASSIFICATION: CLASS II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 Pv=50% SU=50% MU=50%
 TRAFFIC FACTOR: TF=0.23
 SUBGRADE SUPPORT RATING: SSR=GRANULAR
 RECOMMENDED PAVEMENT THICKNESS:
 7" PORTLAND CEMENT CONCRETE PAVEMENT
 4" STABILIZED SUB-BASE
 12" LIME MODIFIED SOIL
 MAXIMUM TRANSVERSE JOINT SPACING: 12.5'

BITUMINOUS MIXTURE REQUIREMENTS

MIXTURE USE	INCIDENTAL SURFACE
AC/PG	PG 64-22
RAP% (MAX)	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5
FRICTION AGG	MIXTURE C

REVISIONS	
NAME	DATE

GENERAL NOTES

LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

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SUMMARY OF QUANTITIES

FBI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
939701-00022-00-RP	MADISON		72	3
SUMMARY OF QUANTITIES				

CONTRACT NO. 97269

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	QTY
	<i>5000</i>		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	103
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	126
20200100	EARTH EXCAVATION	CU YD	6,177
20800150	TRENCH BACKFILL	CU YD	1,321
21400100	GRADING AND SHAPING DITCHES	FOOT	524
25000100	SEEDING, CLASS 1	ACRE	2.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	198
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	198
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	198
25100115	MULCH, METHOD 2	ACRE	2.2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	502
28000400	PERIMETER EROSION BARRIER	FOOT	377
28000500	INLET AND PIPE PROTECTION	EACH	57
28100107	STONE RIPRAP, CLASS A4	SQ YD	17
28200200	FILTER FABRIC	SQ YD	17
30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	10,415
30201500	LIME	TON	201
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	10,113
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	26
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	576
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	200
40800020	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.0
40800030	AGGREGATE (PRIME COAT)	TON	1.5
42000201	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SQ YD	8,545
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	966
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	233
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	30,314
42400800	DETECTABLE WARNINGS	SQ. FT.	270
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	828
44000400	GUTTER REMOVAL	FOOT	1,001
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	531
44000600	SIDEWALK REMOVAL	SQ FT	11,745
50105220	PIPE CULVERT REMOVAL	FOOT	862
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	FOOT	106
54215550	METAL END SECTIONS 15"	EACH	1
54215556	METAL END SECTIONS 21"	EACH	1
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2,010
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	712

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	QTY
	<i>5000</i>		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	527
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	24
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	167
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	10
550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	624
550B0400	STORM SEWERS, CLASS B, TYPE 2 21"	FOOT	168
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	10
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	12
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	16
60255500	MANHOLES TO BE ADJUSTED	EACH	8
60500060	REMOVING INLETS	EACH	3
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5,464
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	620
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	719
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	144
* X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	470
X4080030	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N70	TON	100
XX005135	DRAINAGE PIPE CONNECTION 4"	FOOT	243
XX005468	TIMBER WALL REMOVAL	FOOT	56
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	100
Z0012450	CONCRETE STEPS	CU YD	2.0
Z0041500	PLUG EXISTING CULVERTS	EACH	2
XX006471	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, SDR-21 12"	FOOT	28
XX006472	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, SDR-21 18"	FOOT	92
60220914	MANHOLES, TYPE A, SPECIAL, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1

DRAINAGE STRUCTURES SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	INLET TYPE A TYPE-3 FRAME & GRATE	INLET TYPE-A TYPE-8 FRAME & GRATE	INLET TYPE-A TYPE-24 FRAME & GRATE	INLET TYPE B TYPE-3 FRAME & GRATE	INLET TYPE B TYPE-24 FRAME & GRATE	MH TYPE-A 4' DIA. TYPE-3 FRAME & GRATE	MH TYPE-A 4' DIA. TYPE-8 FRAME & GRATE	MH TYPE-A 4' DIA. SPECIAL, TYPE-24 FRAME & GRATE	MH TYPE-A 4' DIA. TYPE-24 FRAME & GRATE	MH TYPE-A 6' DIA. TYPE-24 FRAME & GRATE	TOP OF GRATE F. L.	INVERT
LOWER MARINE ROAD			(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)		
1	10+65.88	14.00 RT			1								546.84	542.92
3	11+12.59	14.56 RT	1										546.70	542.70
2	11+12.59	14.56 LT	1										546.70	542.70
5	11+22.59	14.56 RT				1							546.71	542.60
4	11+22.59	14.56 LT	1										546.71	542.73
7	11+90.46	14.00 RT					1						546.93	542.30
8	12+58.33	14.00 RT					1						547.13	542.00
6	12+58.33	14.00 LT			1								547.13	543.21
9	13+53.80	14.00 RT											547.41	541.71
10	13+70.52	16.52 LT									1		547.40	543.47
11	13+81.87	14.56 LT	1										547.43	543.52
12	14+62.20	14.00 RT						1					547.25	541.38
14	15+30.34	14.00 RT											546.76	541.17
13	15+30.34	14.00 LT									1		546.76	542.84
15	15+98.48	14.00 RT											546.26	540.96
16	16+66.62	14.00 RT											545.77	540.75
18	17+34.75	14.56 RT				1							545.41	540.55
17	17+35.99	14.56 LT	1										545.82	541.90
20	17+45.41	14.56 RT											545.41	540.52
19	17+45.41	14.56 LT	1						1				545.82	541.85
21	18+17.65	14.00 RT											545.73	540.31
57	18+49.56	69.45 LT		1									545.05	541.84
23	18+89.98	14.00 RT											546.31	540.10
22	18+89.98	14.00 LT									1		546.72	540.01
55	18+90.77	107.11 LT									1		545.60	537.75
24	19+49.10	14.00 RT			1					1			546.77	542.77
26	21+91.03	14.00 RT											545.32	541.18
25	21+91.03	14.00 LT			1								545.32	541.40
28	23+74.17	14.00 RT											542.33	538.19
27	23+74.17	14.00 LT			1								542.33	538.34
30	25+58.38	14.00 RT											539.32	535.20
29	25+58.38	14.00 LT											539.32	535.33
31	27+40.44	14.00 LT			1						1		536.35	532.50
32	27+43.55	14.05 RT											536.31	529.09
48	27+62.42	60.95 RT										1	535.72	532.24
33	27+69.36	33.58 RT											536.05	529.19
34	27+70.96	42.88 RT											536.08	532.16
35	28+56.08	14.00 LT			1								535.19	532.15
37	29+71.72	14.00 RT											534.77	528.40
36	29+71.72	14.00 LT			1								534.77	531.80
39	30+87.36	14.00 RT											534.37	528.05
38	30+87.36	14.00 LT			1							1	534.37	531.45
40	31+13.15	26.01 LT	1										534.22	531.37
49	31+13.87	36.69 RT											533.92	527.88
41	31+15.49	34.29 LT	1									1	534.28	531.34
56	31+49.52	30.95 LT			1								534.41	531.22
43	33+07.94	14.56 RT											533.63	529.39
42	33+07.94	14.56 LT	1										533.63	529.66
45	33+17.94	14.56 RT											533.63	529.44
44	33+17.94	14.56 LT	1										533.63	529.71
47	34+62.39	14.00 RT			1								534.11	530.08
46	34+62.39	14.00 LT			1								534.11	530.20
KENNETH DRIVE														
53	4+28.18	16.45 RT											527.71	519.98
52	4+36.58	15.50 LT											529.17	521.35
54	5+36.26	18.42 LT											527.92	524.17
51	6+46.52	18.57 LT											529.20	525.45
50	8+00.95	20.06 LT											530.97	526.97
TOTAL			10	2	12	3	16	1	5	1	5	2		

REVISIONS	
NAME	DATE

SCHEDULES

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

PROJECT NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
9397	01-00022-00-RP	MADISON	72	6
STA.		TO STA.		

CONTRACT NO. 97269

CURB, GUTTER & SIDEWALK SCHEDULE

STATION	TO	STATION	GUTTER REMOVAL	COMB. CONC. CURB & GUTTER REMOVAL	SIDEWALK REMOVAL	COMB. CONC. CURB & GUTTER TYPE B6.24	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	DETECTABLE WARNINGS
			FEET	FEET	SQ FT	FEET	SQ FT	SQ FT
LOWER MARINE ROAD								
10+19.00	LT	TO 10+36.00			154.00			
10+19.00	RT	TO 10+31.00			102.50			
10+19.00	LT	TO 10+44.00					153.50	20.00
10+19.00	RT	TO 10+44.00					346.50	34.00
10+19.05	LT	TO 10+49.55				44.53		
10+19.05	RT	TO 10+49.55				44.53		
10+20.38	LT	TO 10+35.98						
10+35.98	LT	TO 13+05.84	294.46	34.68				
10+36.00	LT	TO 11+46.09			550.45			
10+44.00	LT	TO 11+46.09					510.45	
10+44.00	RT	TO 15+70.56					5,265.60	
10+49.55	LT	TO 36+25.00				2,390.45		
10+49.55	RT	TO 36+25.00				2,385.45		
11+11.08	LT	TIE-IN			7.96		7.96	
11+58.09	LT	TO 12+14.68			282.95		282.95	
11+84.90	LT	TIE-IN			6.92		6.92	
12+26.68	LT	TO 12+98.00			356.60			
12+26.68	LT	TO 12+51.51					124.15	
12+71.51	LT	TO 12+82.51					55.00	
12+82.51	LT	TO 12+96.51					218.50	36.00
12+98.00	LT	TO 13+04.00			116.00			
12+95.00	RT	RAMP					75.00	10.00
12+98.00	RT	TO 15+70.56			1362.80			
13+32.50	RT	TIE-IN			464.00		368.00	
13+51.62	LT	TO 18+76.17	591.32					
13+57.00	LT	TO 14+17.26			241.04			
13+59.96	RT	TO 18+47.62		495.92				
13+61.00	RT	RAMP					75.00	10.00
13+61.50	LT	TO 13+73.50					48.00	14.00
13+73.50	LT	TO 14+17.26					218.80	
14+01.16	LT	TIE-IN			4.21		4.21	
14+29.26	LT	TO 14+45.79			66.12		82.65	
14+57.79	LT	TO 15+07.66			199.48		249.35	
15+19.66	LT	TO 15+78.49			235.32		294.15	
15+94.49	LT	TO 17+56.31			647.28		809.10	
16+04.56	RT	TO 19+22.00			1587.20			
16+04.56	RT	TO 20+39.93					4,353.70	
16+12.43	LT	TIE-IN			4.30		4.30	
17+24.72	LT	TIE-IN			11.54		11.54	
17+47.00	RT	TIE-IN			455.50		377.00	
17+56.31	LT	TO 18+59.00			444.00			
17+72.31	LT	TO 18+58.77					475.00	
18+43.00	RT	TIE-IN			552.50		312.00	
18+47.62	RT	TO 19+21.85	90.77				101.00	
18+79.77	LT	TO 18+99.97						
18+80.00	LT	TO 18+85.00			116.00			
19+11.97	LT	TO 20+41.10					645.65	
19+22.00	RT	TO 20.39.93			471.72			
20+56.10	LT	TO 22+02.00					729.50	
20+63.93	RT	TO 21+89.47					1,255.40	
20+73.93	RT	TO 21+89.47			462.16			
21+89.47	RT	TO 24+85.73					1,777.56	
22+22.00	LT	TO 22+91.53					347.65	
23+15.33	LT	TO 23+46.60					155.35	
23+59.60	LT	TO 25+89.95					1,151.75	
24+85.73	RT	TO 26+51.38			662.60		1,656.50	
26+04.95	LT	TO 26+52.78					239.15	
26+67.78	LT	TO 27+86.56					593.90	
26+73.38	RT	TO 27+73.00			398.48			
26+73.38	RT	TO 27+51.00					776.20	
27+51.00	RT	TO 27+67.00					121.00	28.00
28+02.56	LT	TO 29+84.03					907.35	
28+16.00	RT	TO 28+36.00					143.00	32.00
28+20.00	RT	TO 31+19.00			1196.00			
28+36.00	RT	TO 30+94.00					2,580.00	
30+08.03	LT	TO 30+93.00					424.85	
30+93.00	LT	TO 31+08.00					63.00	20.00
30+94.00	RT	TO 31+09.00					115.50	26.00
31+48.00	RT	TO 31+63.00					63.00	20.00
31+57.00	RT	TO 33+03.28			582.12			
31+57.00	LT	TO 31+72.00					63.00	20.00
31+72.00	LT	TO 33+30.39					791.95	
33+42.39	LT	TO 34+95.30					764.55	
35+12.30	LT	TO 35+35.95					118.25	
CLAY STREET								
10+13	TO	10+43				87.9		
10+43	RT	TO 10+49			6.00			
10+43	LT	TO 10+49			6.00			
JAMES DRIVE								
10+13	TO	10+63				137.31		
BASS DRIVE								
10+13	TO	10+69.82				141.33		
10+69.82	RT	TO 10+75.82			6.00			
10+69.82	LT	TO 10+75.82			6.00			
KENNETH DRIVE								
9+87	TO	9+30.22				232.70		
TOTAL			1,000.55	530.60	11,744.75	5,464.20	30,314.39	270.00

MISCELLANEOUS DRAINAGE ITEMS

STATION	MANHOLES TO BE ADJ.	PLUG EXIST. CULVERTS	REMOVE EXIST INLETS
	(EACH)	(EACH)	(EACH)
LOWER MARINE RD.			
13+28.44	1		
16+30.23	1		
18+71.48			1
18+74.65	1		
18+90.20		1	
20+11.60	1		
21+26.30	1		
22+31.64	1		
24+12.66	1		
28+10.36	1		
31+36.59			1
KENNETH DR.			
5+34.24		1	
5+36.15			1
TOTAL			
	8	2	3

REVISIONS	
NAME	DATE

SCHEDULES

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8397	01-00022-00-RP	MADISON	72	7
STA.		TO STA.		

CONTRACT NO. 97269

DRIVEWAY SCHEDULE

LOCATION	AGG BASE COURSE T-A, 8"	AGG BASE COURSE T-A, 6"	AGG SURFACE COURSE T-A, 6"	INCIDENTAL BIT. SURFACING SUPERPAVE, N70	DRIVEWAY PAVEMENT REMOVAL	PIPE CULVERT REMOVAL	PIPE CULV. TYPE 1, CORR. STL. OR ALUM. CULV. PIPE 12"	PCC DRIVEWAY PAVT. -6"	PCC DRIVEWAY PAVT. -8"	BITUMINOUS MATERIALS PRIME COAT	AGG. (PRIME COAT)
	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(SQ YD)	(FEET)	(FEET)	(SQ YD)	(SQ YD)	(TON)	(TON)
LOWER MARINE ROAD											
11+52.09 P.E. LT					18.33			23.65			
12+20.68 P.E. LT					23.33			31.65			
12+56.29 P.E. LT					38.50			49.49			
14+23.26 P.E. LT					18.00			23.69			
14+51.79 P.E. LT		5.3		0.60	16.17			18.30		0.01	0.01
15+13.66 P.E. LT		8.0		0.90	17.00			18.30		0.01	0.02
15+86.49 P.E. LT					33.67			42.31			
15+87.56 C.E. RT	103.4			17.36	166.84				58.36	0.16	0.26
17+64.31 P.E. LT			21.74		11.06			22.76			
18+69.27 P.E. LT					14.00			172.97			
18+71.30 TO 18+90.77 LT						77.50					
18+76.47 TO 18+90.77 LT						26.50					
19+05.97 P.E. LT								94.31			
20+48.60 P.E. LT			41.34					16.64			
20+51.93 C.E. RT	152.4			25.60	214.63				63.15	0.24	0.38
21+44.46 TO 21+49.33 LT						6.00					
21+44.46 TO 21+91.03 LT							46.00				
22+12.00 P.E. LT					17.00	27.00		64.98			
23+03.53 P.E. LT					27.21	27.00		41.20			
23+70.01 P.E. LT					37.10	24.00		47.10			
24+63.57 P.E. LT						24.00		20.52			
25+97.45 P.E. LT			17.14			24.00		15.56			
26+60.28 P.E. LT			17.14			24.00		15.56			
26+62.38 P.E. RT					63.08	29.00		81.22			
27+72.24 P.E. LT			31.94			24.00		14.69			
27+94.56 LT						22.00					
27+96.00 S.R. RT						46.00					
29+96.03 P.E. LT			26.7			32.00		22.56			
31+30.91 S.R. LT						177.00					
31+30.91 S.R. RT						48.00					
31+37.91 S.R. LT						4.00					
33+19.08 C.E. RT					26.67				57.22		
33+36.39 P.E. LT					37.78			30.56			
33+65.00 F.E. LT						18.00					
35+03.80 P.E. LT		5.7		0.64	3.67			17.11		0.01	0.01
35+39.65 P.E. LT			15.6					16.07			
36+00.55 C.E. RT					25.56	35.00			53.89		
KENNETH DR.											
4+33.00 C.L.	12.1			2.02						0.02	0.03
4+86.70 P.E. LT			12.7			24.00	31.00				
5+67.68 TO 6+49.02						86.00					
5+78.47 P.E. LT		6.6		0.74	6.63					0.01	0.02
6+30.33 P.E. LT			6.6								
7+21.82 P.E. LT			4.6								
7+66.33 P.E. LT			4.2								
8+34.52 P.E. LT					11.95	23.00	29.00	11.95			
8+95.37 P.E. RT								13.22			
9+59.00 P.E. RT								39.78			
TOTAL	267.8	25.6	199.7	47.86	828.18	862.00	106.00	966.15	232.62	0.46	0.73

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REVISIONS	
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SCHEDULES

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

SECTION	COUNTY	SHEET NO.	SHEET NO.
9397 01-00022-00-RP	MADISON	72	8
STA.		TO STA.	

CONTRACT NO. 97269

POLYUREA PAVEMENT MARKINGS				
STATION	LOCATION	12" SOLID WHITE LINE	6" SOLID WHITE LINE	4" SKIP-DASH YELLOW LINE
		FEET	FEET	FEET
LOWER MARINE ROAD				
10+25	CROSS WALK		39.00	
10+33	CROSS WALK		35.00	
10+37 TO	12+88			60.00
10+37 LT	STOP BAR	15.00		
12+88 RT	STOP BAR	13.00		
12+92	CROSS WALK		30.00	
13+00	CROSS WALK		31.00	
13+58	CROSS WALK		31.00	
13+66	CROSS WALK		30.00	
13+70 RT	STOP BAR	15.00		
13+70 TO	30+98			430.00
30+98 RT	STOP BAR	15.00		
31+02	CROSS WALK		34.00	
31+08	CROSS WALK		36.00	
31+52	CROSS WALK		36.00	
31+58	CROSS WALK		34.00	
31+63 LT	STOP BAR	16.00		
31+63 TO	36+75.01			130.00
CLAY STREET				
10+18	CROSS WALK		57.00	
10+26	CROSS WALK		53.00	
10+30 LT	STOP BAR	26.00		
JAMES DRIVE				
10+20	CROSS WALK		64.00	
10+30	CROSS WALK		42.00	
10+34 LT	STOP BAR	15.00		
BASS DRIVE				
10+17	CROSS WALK		48.00	
10+23	CROSS WALK		42.00	
10+27 LT	STOP BAR	16.00		
KENNETH DRIVE				
9+66 LT	STOP BAR	13.00		
9+70	CROSS WALK		33.00	
9+80	CROSS WALK		44.00	
TOTAL		144	719	620.0

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
10+00.00	TO	36+25.00	6,177.00	4,633.00	1,206.00	3,427.00
TOTAL			6,177.00	4,633.00	1,206.00	3,427.00

TREE REMOVAL				
LOCATION	OFFSET (FEET)		TREE REM. 6 TO 15	TREE REM. OVER 15
			UNIT	UNIT
10+39	32.00	RT		36.00
10+83	32.00	RT		24.00
11+70	36.00	RT	15.00	
18+75	12.00	RT		30.00
28+82	27.22	LT	10.00	
29+04	26.14	LT	12.00	
29+25	25.45	LT	12.00	
29+45	24.25	LT	12.00	
29+66	23.00	LT		18.00
30+12	17.00	LT		18.00
30+33	22.00	LT	12.00	
30+54	23.00	LT	12.00	
30+73	22.00	LT	12.00	
33+76	16.00	LT	6.00	
TOTAL			103	126

SEEDING SCHEDULE								
LOCATION		SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD 2 (ACRE)	TEMP. SEEDING (INCLUDES 2 APPL.) (POUND)	
STATION	TO STATION							
LOWER MARINE ROAD								
10+20.00	TO 36+25.00	2.0	180	180	180	2.0	456	
KENNETH DRIVE								
4+28.00	TO 9+60.00	0.2	18	18	18	0.2	46	
TOTAL		2.2	198	198	198	2.2	502	

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SCHEDULES

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8397	01-00022-00-RP	MADISON	72	9
STA.		TO STA.		

CONTRACT NO. 97269

LOWER MARINE ROAD										
STATION	TO	STATION	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SUB-BASE GRANULAR MATL., TYPE-A 4"	PROCESSING LIME MODIFIED SOIL 12"	LIME	AGGREGATE BASE CSE., TYPE-A, 8"	AGGREGATE (PRIME COAT)	BIT. MATERIALS (PRIME COAT)	INCIDENTAL BIT. SURFACING, SUPERPAVE, N70
			SQ YD	SQ YD	SQ YD	TON	SQ YD	TON	TON	TON
10+19.05	TO	10+49.55	131.05	156.58	161.53	3.11				
10+49.55	TO	36+25.00	7,440.19	8,809.28	9,074.61	174.78				
36+25.00	TO	36+75.01					131.5	0.33	0.21	22.10
SUB TOTAL			7,571	8,966	9,236	178	131.5	0.33	0.21	22.1

JAMES DRIVE										
STATION	TO	STATION	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SUB-BASE GRANULAR MATERIAL TYPE-A, 4"	PROCESSING MODIFIED SOILS-12"	LIME	AGGREGATE BASE CSE. TYPE-A, 8"	AGGREGATE (PRIME COAT)	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL BIT. SURFACING, SUPERPAVE N 70
			SQ YD	SQ YD	SQ YD	TON	SQ YD	TON	TON	TON
10+13	TO	10+88	228	267	275.00	6	60.47	0.15	0.10	10.16
SUB TOTAL			228	267	275	6	60.5	0.15	0.10	10.16

CLAY STREET										
STATION	TO	STATION	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SUB-BASE GRANULAR MATERIAL TYPE-A, 4"	PROCESSING MODIFIED SOILS-12"	LIME	AGGREGATE BASE CSE. TYPE-A, 8"	AGGREGATE (PRIME COAT)	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL BIT. SURFACING, SUPERPAVE N 70
			SQ YD	SQ YD	SQ YD	TON	SQ YD	TON	TON	TON
10+13	TO	10+49	190	216	220.00	4	29.5	0.07	0.05	4.96
SUB TOTAL			190	216	220	4	29.5	0.07	0.05	4.96

BASS DRIVE & KENNETH DRIVE										
STATION	TO	STATION	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SUB-BASE GRANULAR MATERIAL, TYPE-A, 4"	PROC. MOD. SOILS 12"	LIME	AGGREGATE BASE CSE. TYPE-A, 8"	AGGREGATE (PRIME COAT)	BITUMINOUS MATLS. (PRIME COAT)	INCIDENTAL BIT. SURFACING, SUPERPAVE, N70
			SQ YD	SQ YD	SQ YD	TON	SQ YD	TON	TON	TON
BASS DRIVE										
10+13	TO	10+75.82	212	253	260.00	5	17.5	0.04	0.03	2.93
KENNETH DRIVE										
9+10.22	TO	9+87.00	344	411	424.00	8	68.8	0.17	0.11	11.56
SUB TOTAL			556	664	684	13	86.3	0.21	0.14	14.49

TOTAL PAVING QUANTITIES										
ROADWAY	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SUB-BASE GRANULAR MATL., TYPE-A 4"	PROCESSING LIME MODIFIED SOIL 12"	LIME	AGGREGATE BASE CSE., TYPE-A, 8"	AGGREGATE (PRIME COAT)	BIT. MATERIALS (PRIME COAT)	INCIDENTAL BIT. SURFACING, SUPERPAVE, N70		
	SQ YD	SQ YD	SQ YD	TON	SQ YD	TON	TON	TON		
LOWER MARINE ROAD	7,571.00	8,966.00	9,236.00	178	131.5	0.33	0.21	22.10		
JAMES DRIVE	228.00	267.00	275.00	6	60.5	0.15	0.10	10.16		
CLAY STREET	190.00	216.00	220.00	4	29.5	0.07	0.05	4.96		
BASS DRIVE AND KENNETH DRIVE	556.00	664.00	684.00	13	86.3	0.21	0.14	14.49		
GRAND TOTAL	8,545	10,113	10,415	201	307.8	0.33	0.50	51.7		

REVISIONS	
NAME	DATE

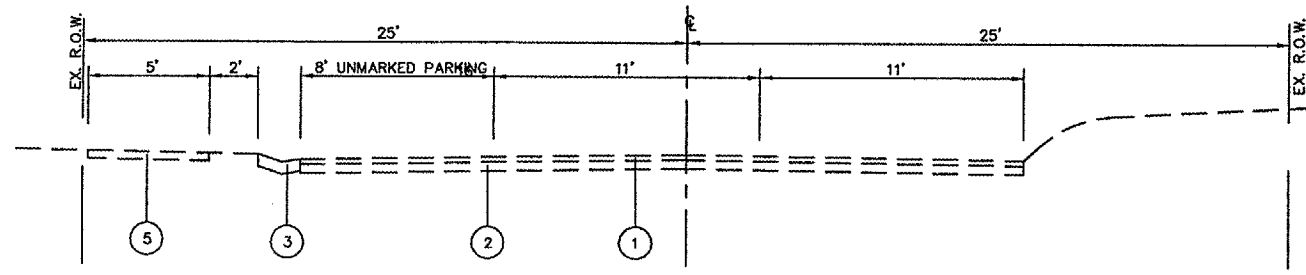
SCHEDULES

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

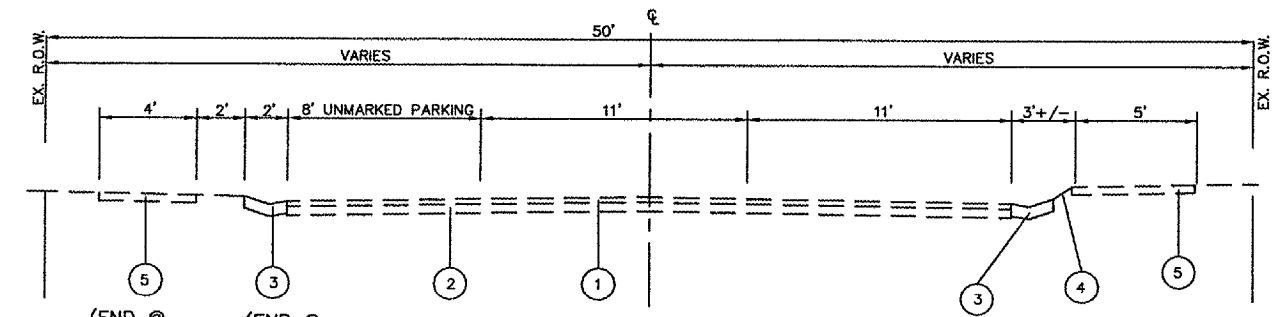
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PROJ. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	10

CONTRACT NO. 97269



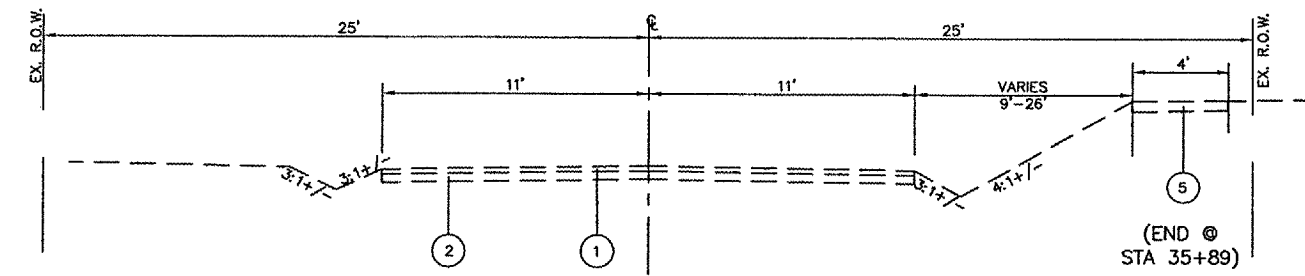
EXISTING
STA. 10+19 TO STA. 13+00



EXISTING
STA. 13+00 TO STA. 19+22
(END @ STA 18+85)
(END @ STA 18+57)
(BEGIN @ STA 13+60)

LEGEND

- ① EXISTING BITUMINOUS SURFACE TREATMENT
- ② EXISTING AGGREGATE BASE COURSE
- ③ EXISTING CONC. GUTTER
- ④ EXISTING CONC. SPACER
- ⑤ EXISTING PCC SIDEWALK



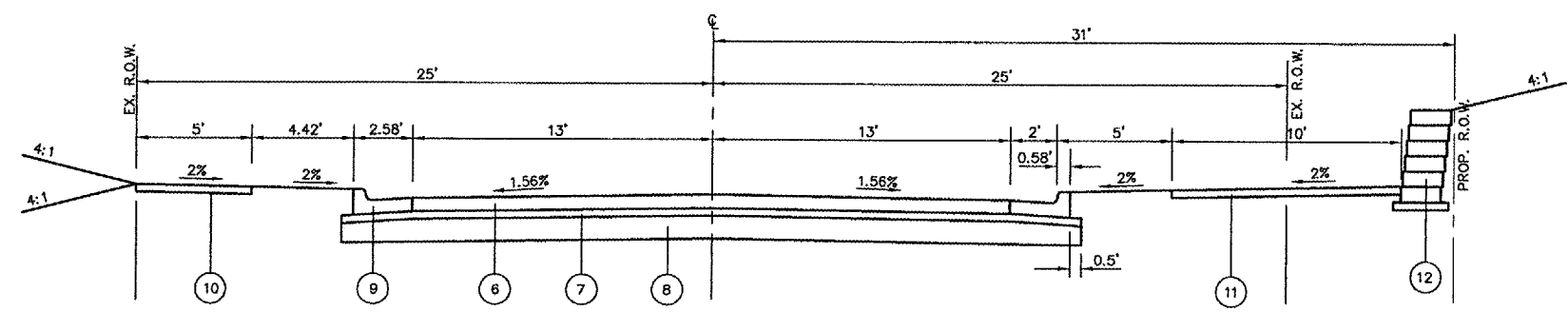
EXISTING
STA. 19+22 TO STA. 36+25
(END @ STA 35+89)

REVISIONS	
NAME	DATE

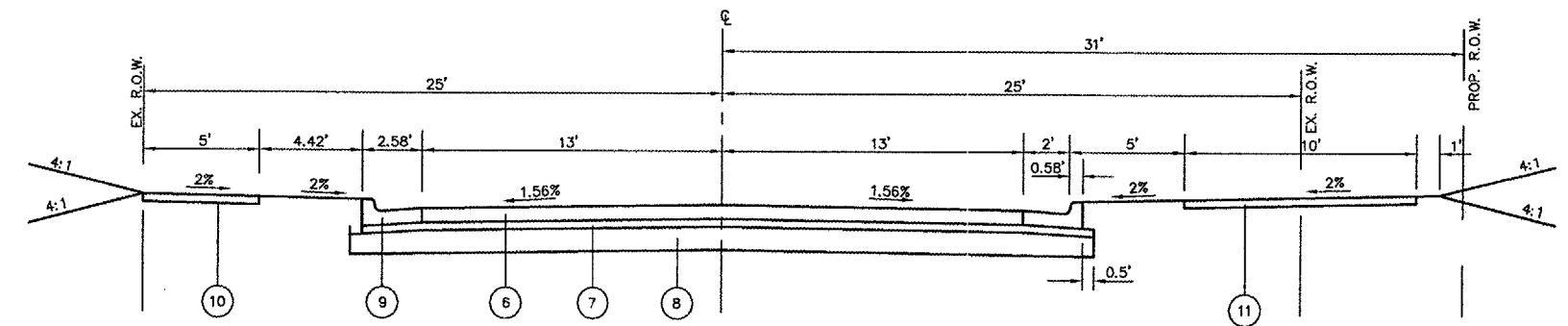
TYPICAL SECTIONS
LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

PN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	11

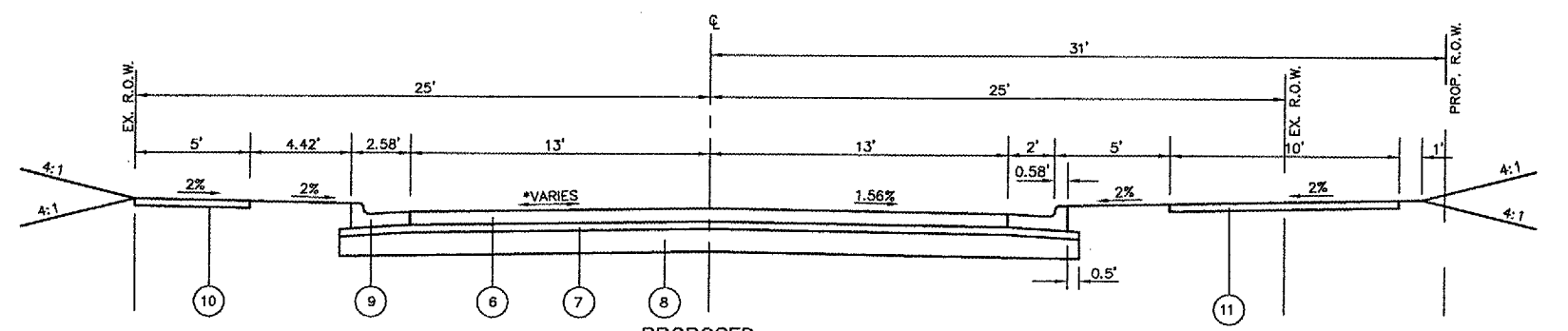
CONTRACT NO. 97289



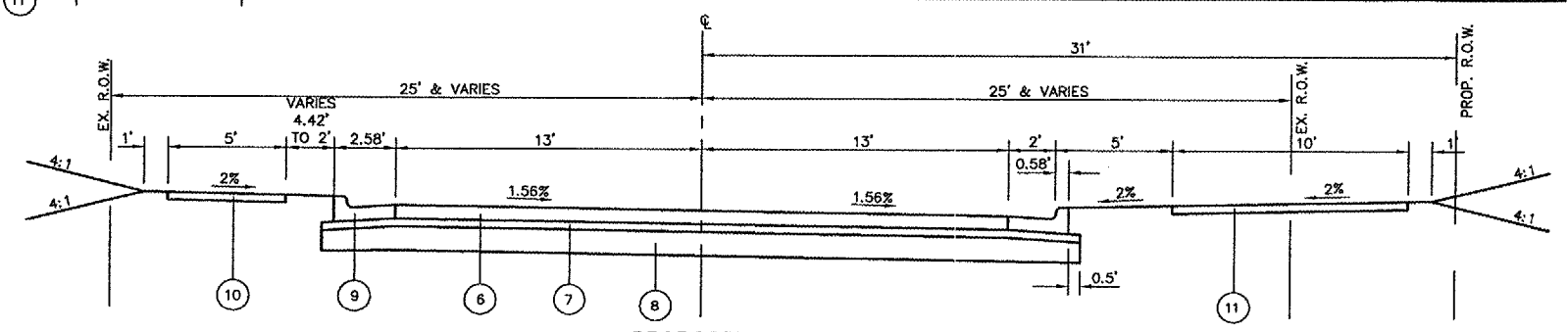
PROPOSED
 STA. 10+19.00 TO STA. 11+08.00
 (BEGIN RET. WALL AT STA. 10+33.63)



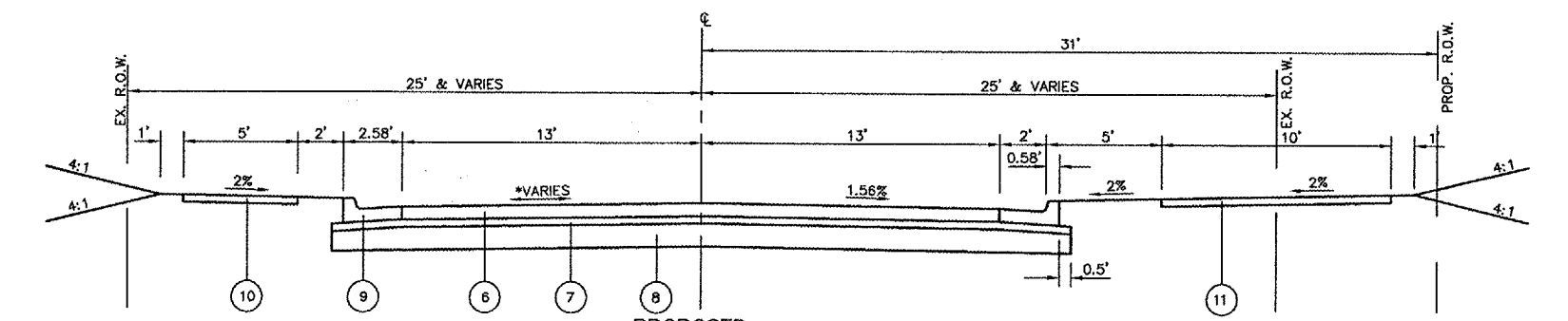
PROPOSED
 STA. 11+08.00 TO STA. 16+51.70



PROPOSED
 STA. 16+51.70 TO STA. 17+01.70
 *TRANSITION FROM -1.56% TO +1.56%



PROPOSED
 STA. 17+01.70 TO STA. 19+53.58



PROPOSED
 STA. 19+53.58 TO STA. 20+03.58
 *TRANSITION FROM +1.56% TO -1.56%

LEGEND

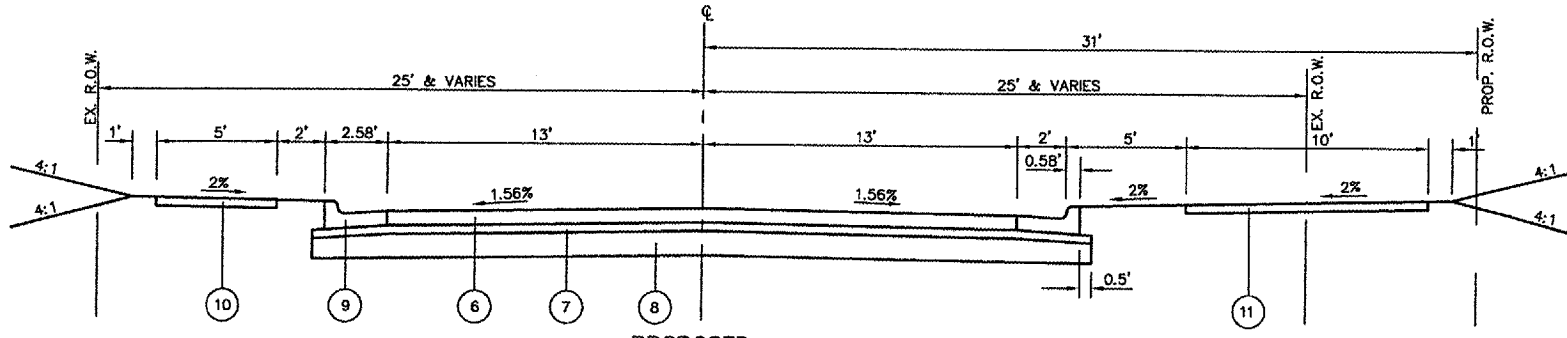
- ⑥ PROPOSED PCC PAVEMENT, 7"
- ⑦ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- ⑧ PROPOSED LIME MODIFIED SOIL, 12"
- ⑨ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑩ PROPOSED PCC SIDEWALK, 4"
- ⑪ PROPOSED SHARED-USE TRAIL (PEDESTIAN - BICYCLE), 4"
(PAID FOR AS PCC SIDEWALK, 4")
- ⑫ PROPOSED STANDARD RETAINING WALL

REVISIONS	
NAME	DATE

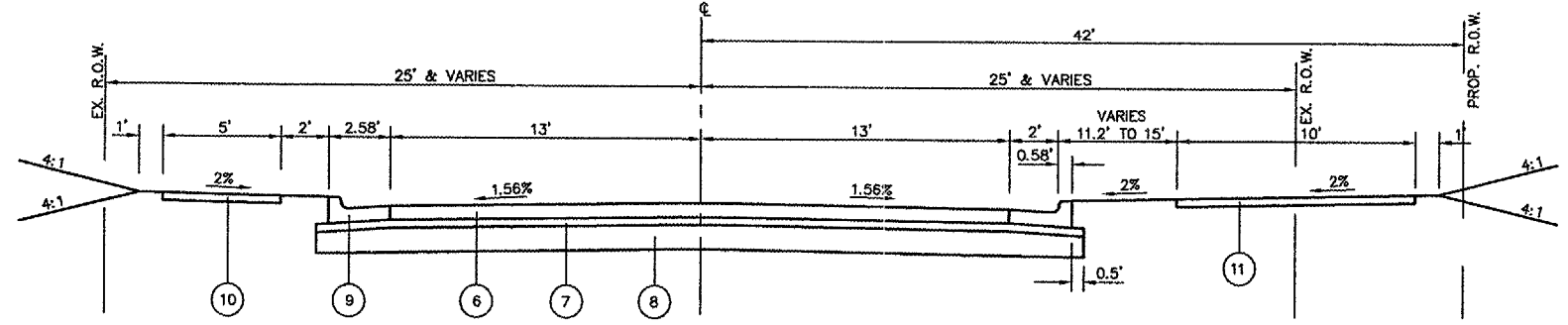
TYPICAL SECTIONS
 LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	12

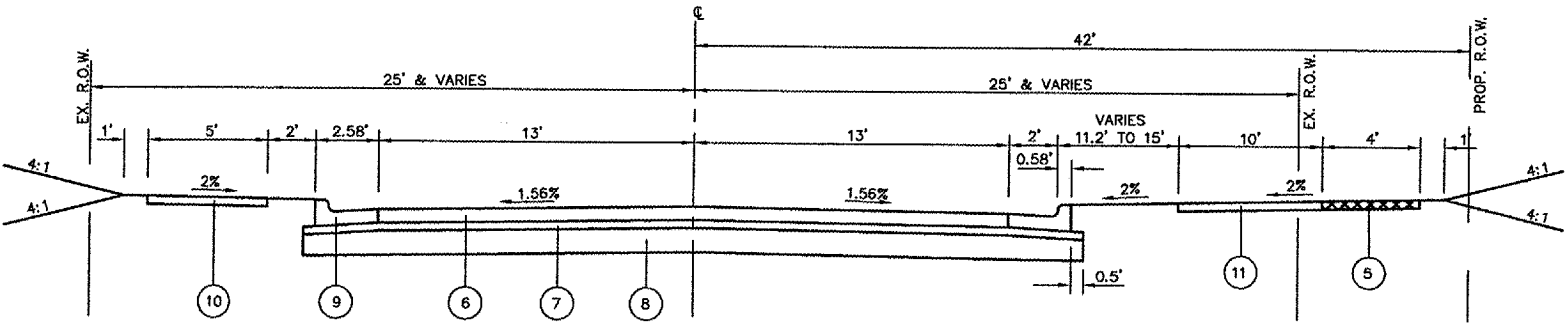
CONTRACT NO. 97269



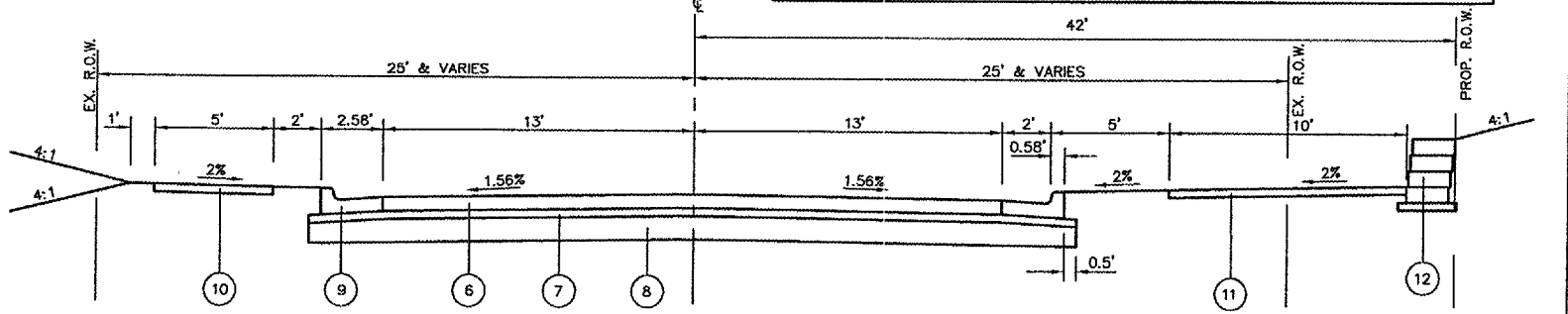
PROPOSED
 STA. 20+03.58 TO STA. 20+64.47
 STA. 26+22.54 TO STA. 31+51.51



PROPOSED
 STA. 20+64.47 TO STA. 21+89.47
 STA. 24+85.73 TO STA. 25+48.38

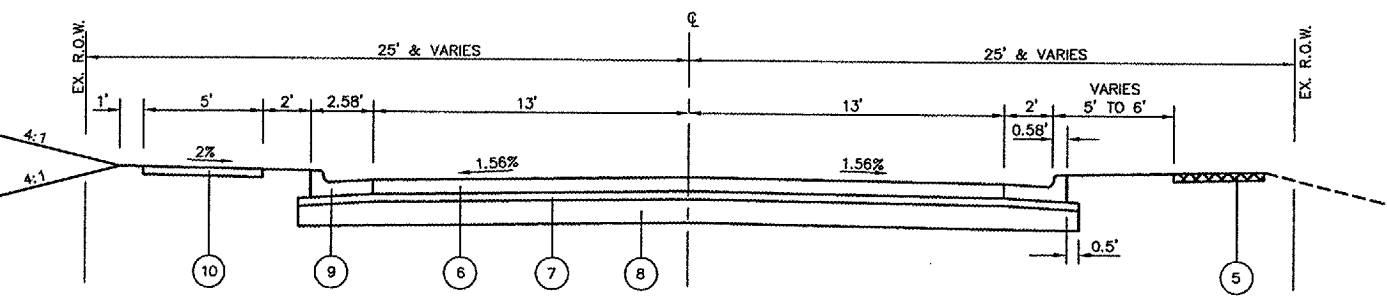


PROPOSED
 STA. 21+89.47 TO STA. 24+85.73



PROPOSED
 STA. 25+48.38 TO 26+22.54

LEGEND	
⑤	EXISTING PCC SIDEWALK (TO REMAIN IN PLACE)
⑥	PROPOSED PCC PAVEMENT, 7"
⑦	PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4"
⑧	PROPOSED LIME MODIFIED SOIL, 12"
⑨	PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
⑩	PROPOSED PCC SIDEWALK, 4"
⑪	PROPOSED SHARED-USE TRAIL (PEDESTIAN - BICYCLE) (PAID FOR AS PCC SIDEWALK, 4")
⑫	PROPOSED COMPAC RETAINING WALL



PROPOSED
 STA. 31+51.51 TO STA. 36+25
 (END SIDEWALK AT STA. 35+31.65)

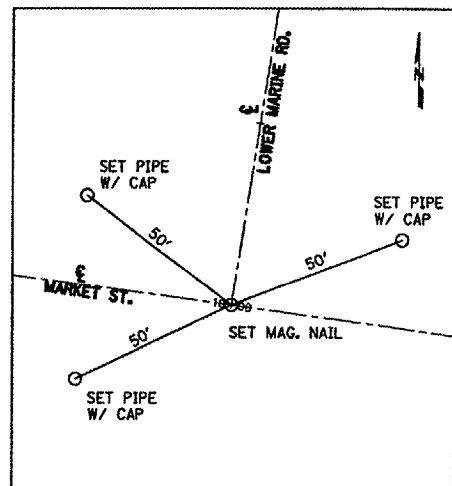
(END RETAINING WALL AT STA. 26+04.39)

REVISIONS	
NAME	DATE

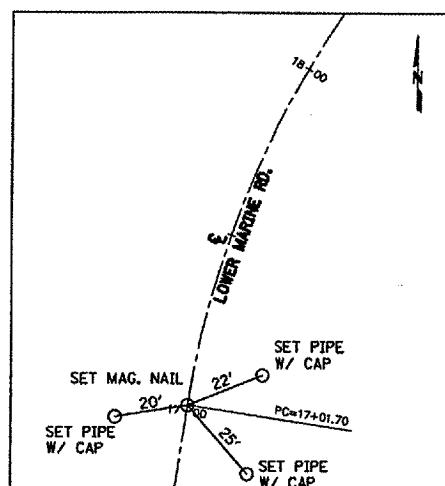
TYPICAL SECTIONS
 LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

MAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		

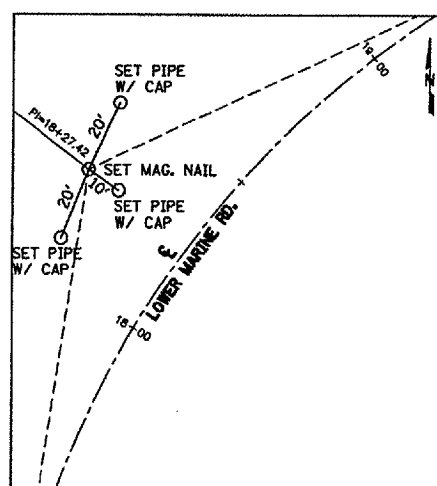
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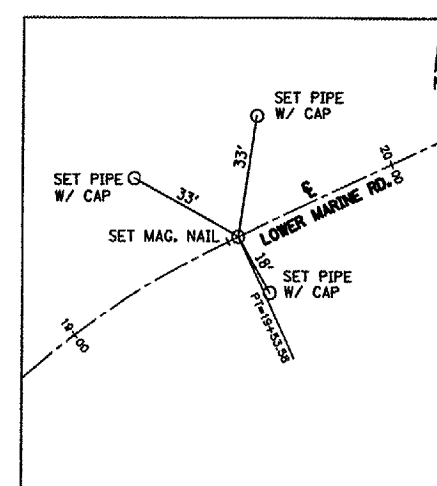
CENTER LINE LOWER MARINE ROAD
CL/CL STA 10+00.00
N 750,850.29 E 2,379,240.07



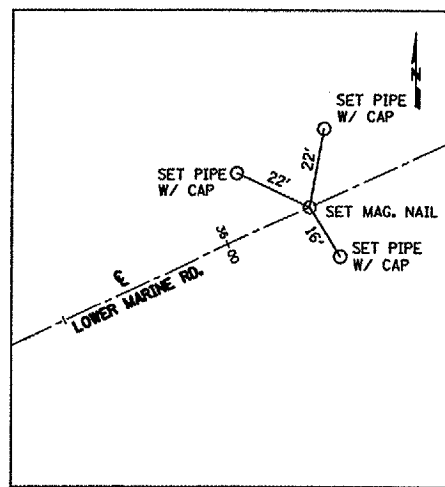
CENTER LINE LOWER MARINE ROAD
PC STA 17+01.70
N 751,544.17 E 2,379,344.52



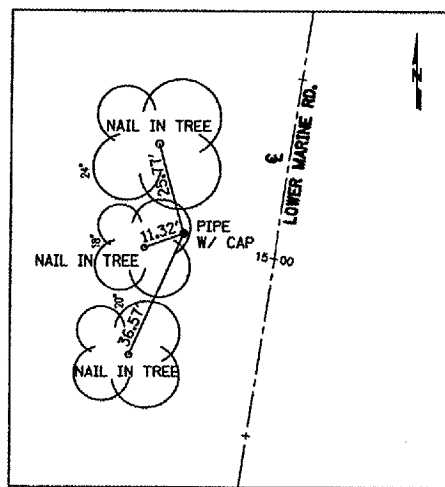
CENTER LINE LOWER MARINE ROAD
PI STA 18+27.42 34.47' LT
N 751,679.65 E 2,379,364.92



CENTER LINE LOWER MARINE ROAD
PT STA 19+53.58
N 751,737.44 E 2,379,489.14



CENTER LINE LOWER MARINE ROAD
END STA 36+25.00
N 752,442.48 E 2,381,005.06



BENCHMARK
STA 15+02.93 25.50' LT
N 751,351.42 E 2,379,289.72
ELEV. 547.49

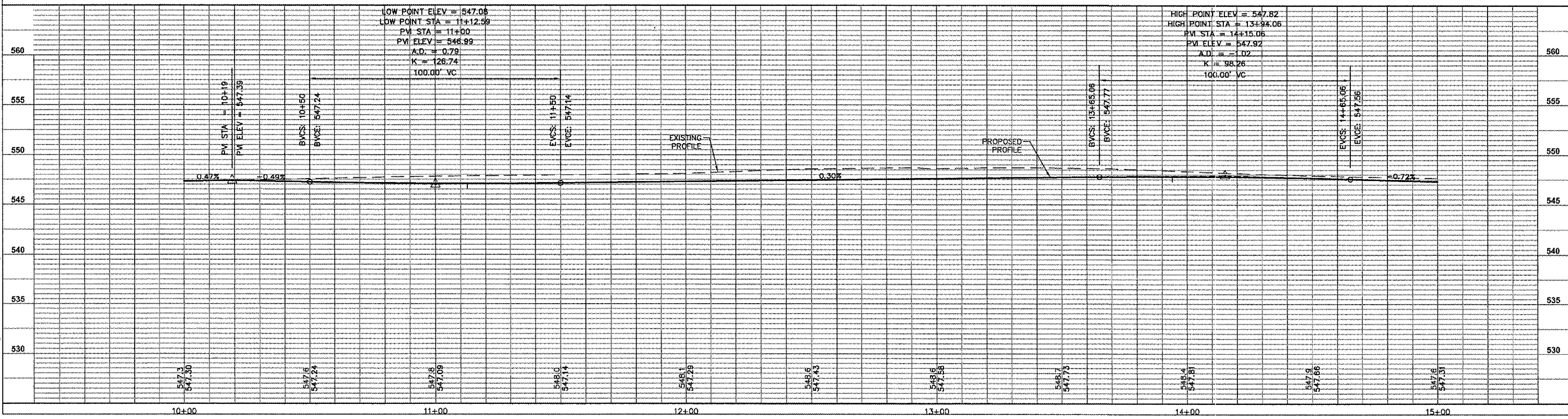
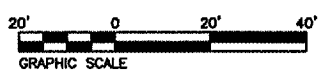
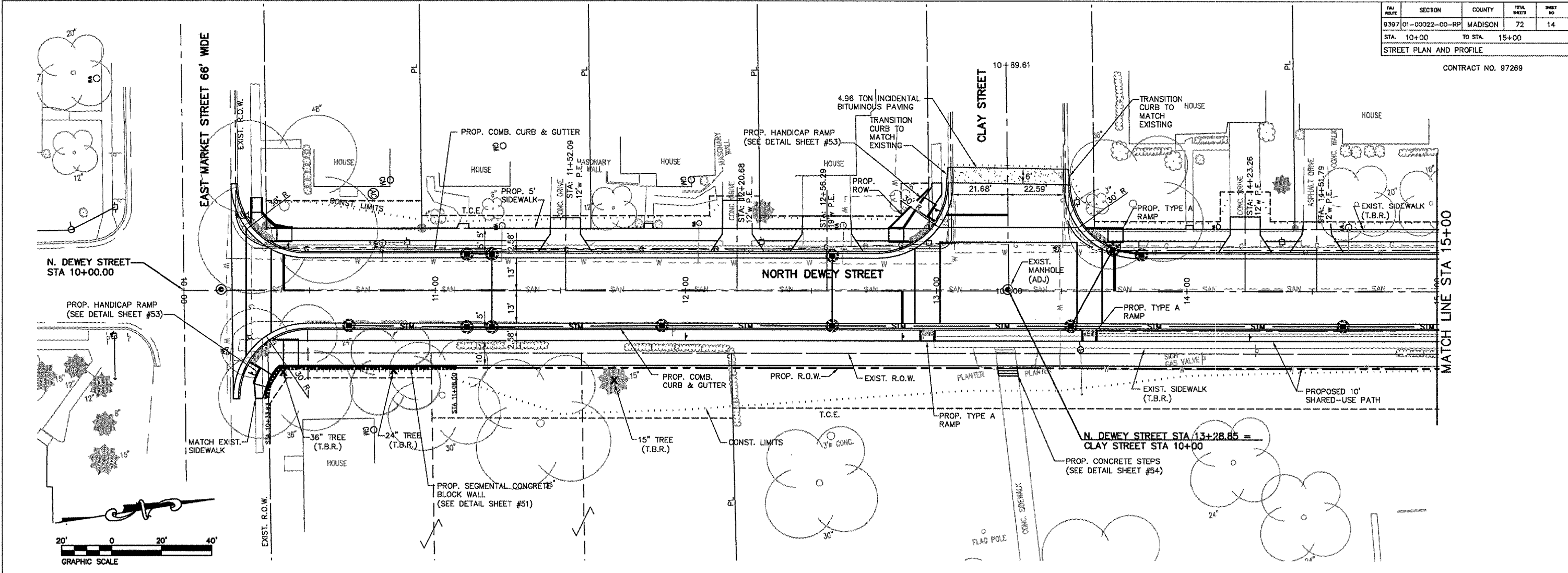
REVISIONS	
NAME	DATE

ALIGNMENT TIES, &
BENCHMARKS

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 10+00		TO STA. 15+00		
STREET PLAN AND PROFILE				

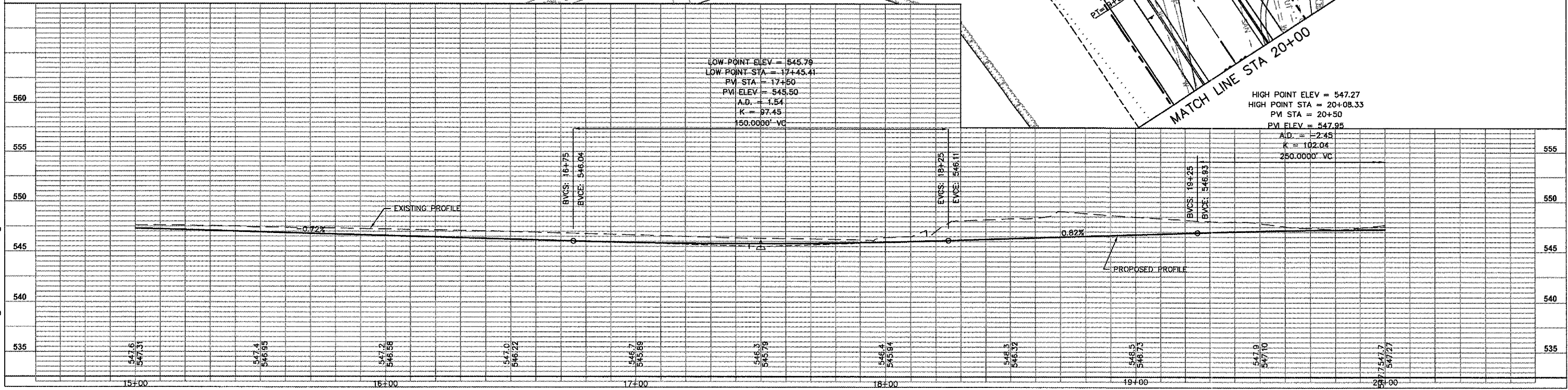
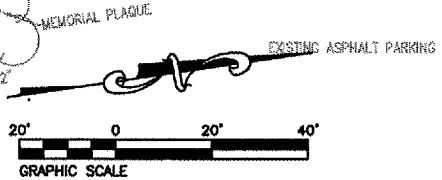
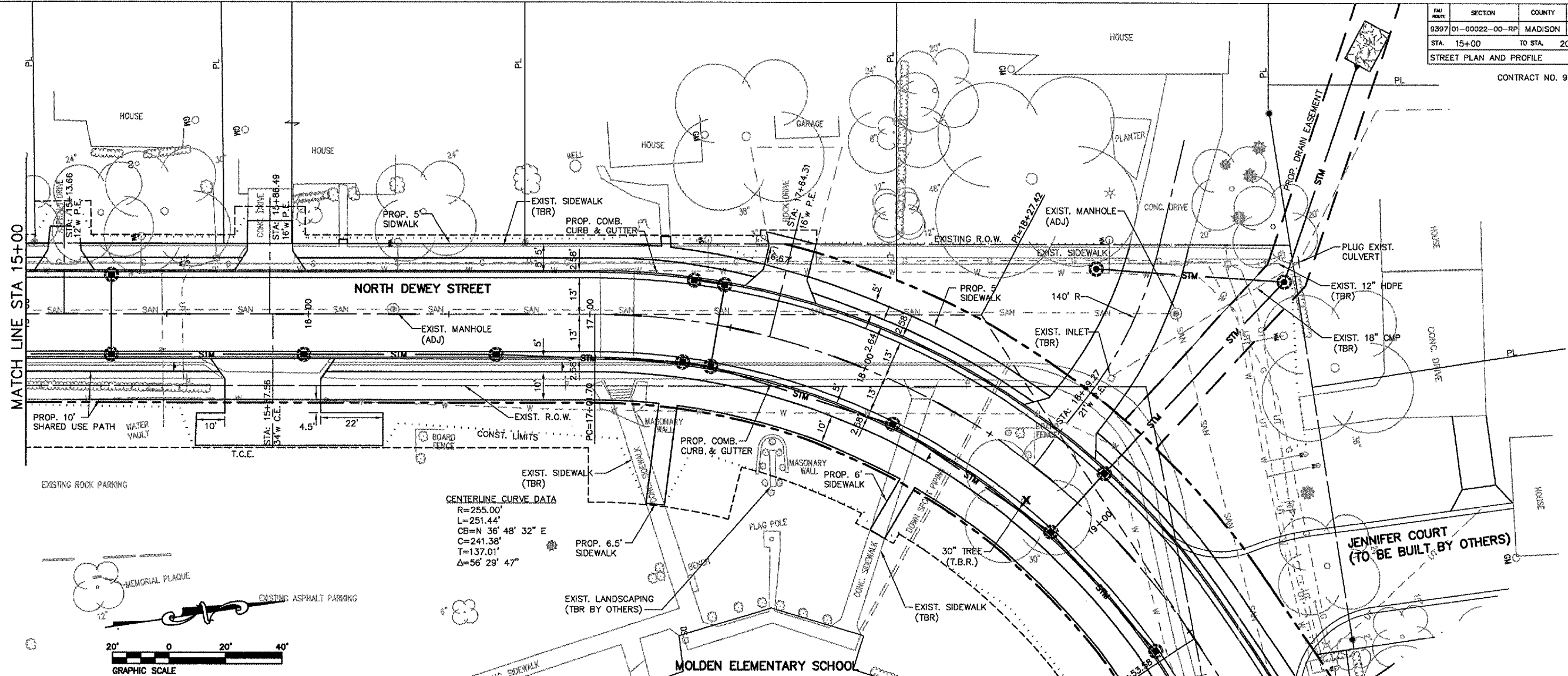
CONTRACT NO. 97269



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PAV. TYPE	SECTION	COUNTY	TOTAL SHEET	SHEET NO.
9397	01-00022-00-RP	MADISON	72	15
STA. 15+00		TO STA. 20+00		
STREET PLAN AND PROFILE				

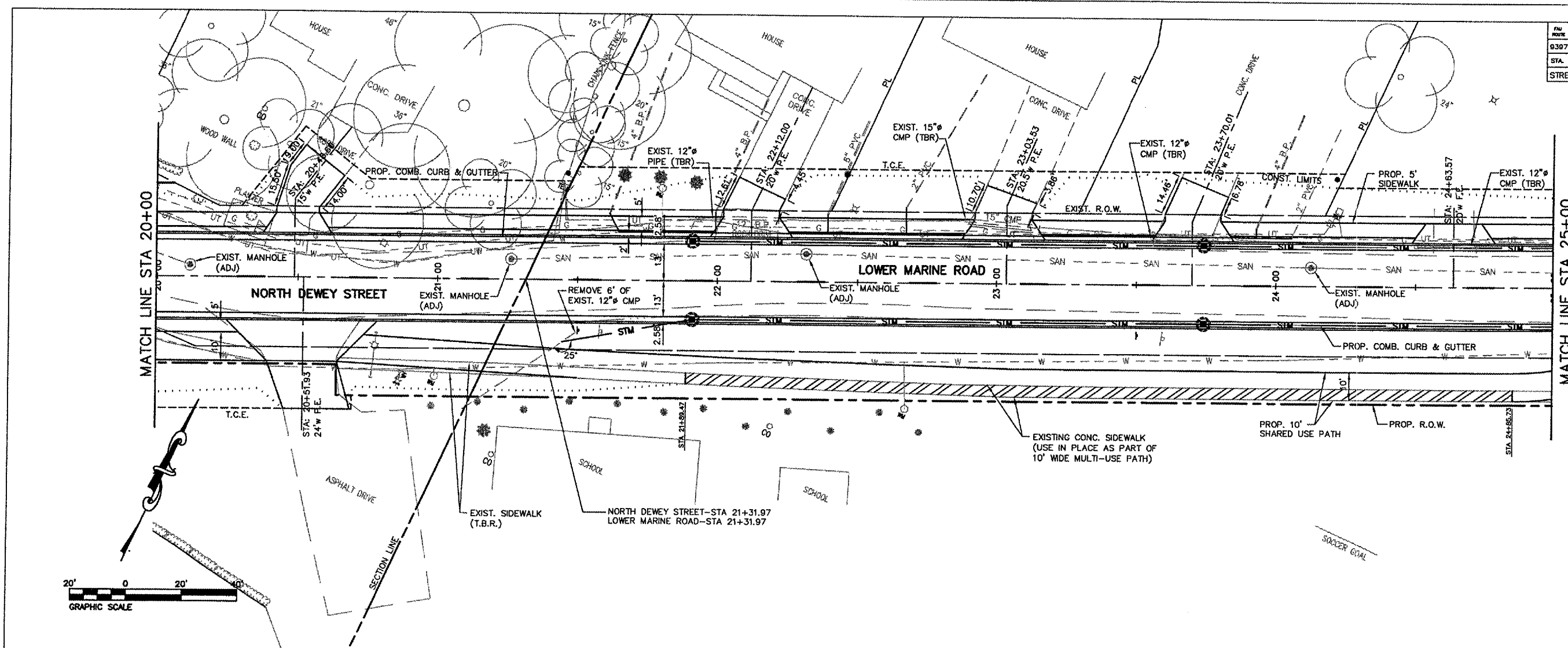
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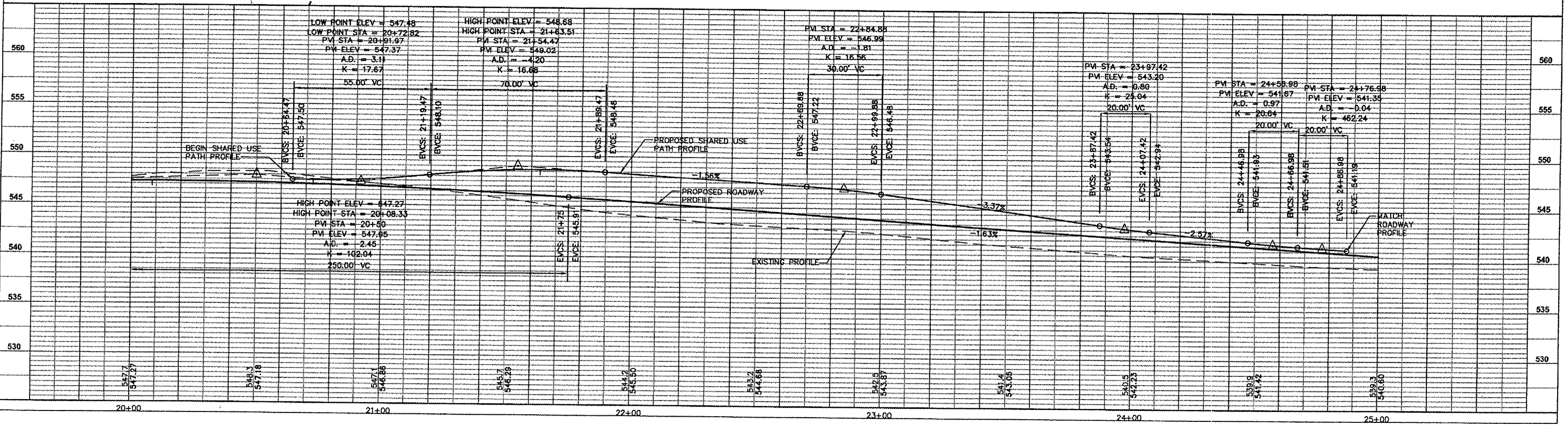
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SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397 01-00022-00-RP	MADISON	72	16
STATIONING			
STA. 20+00	TO STA. 25+00		

STREET PLAN AND PROFILE
CONTRACT NO. 97259

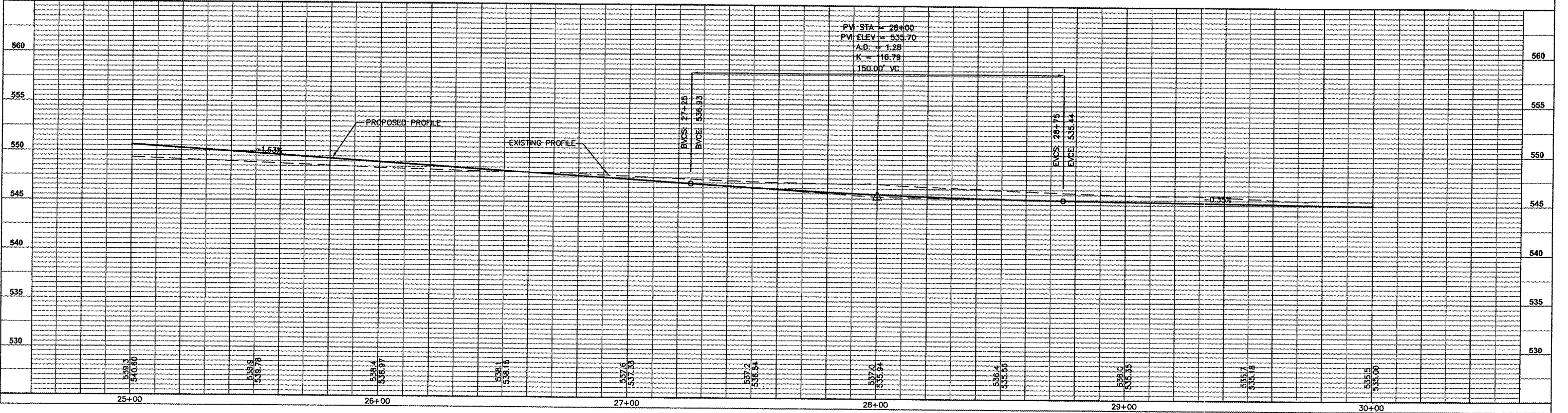
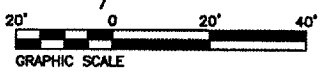
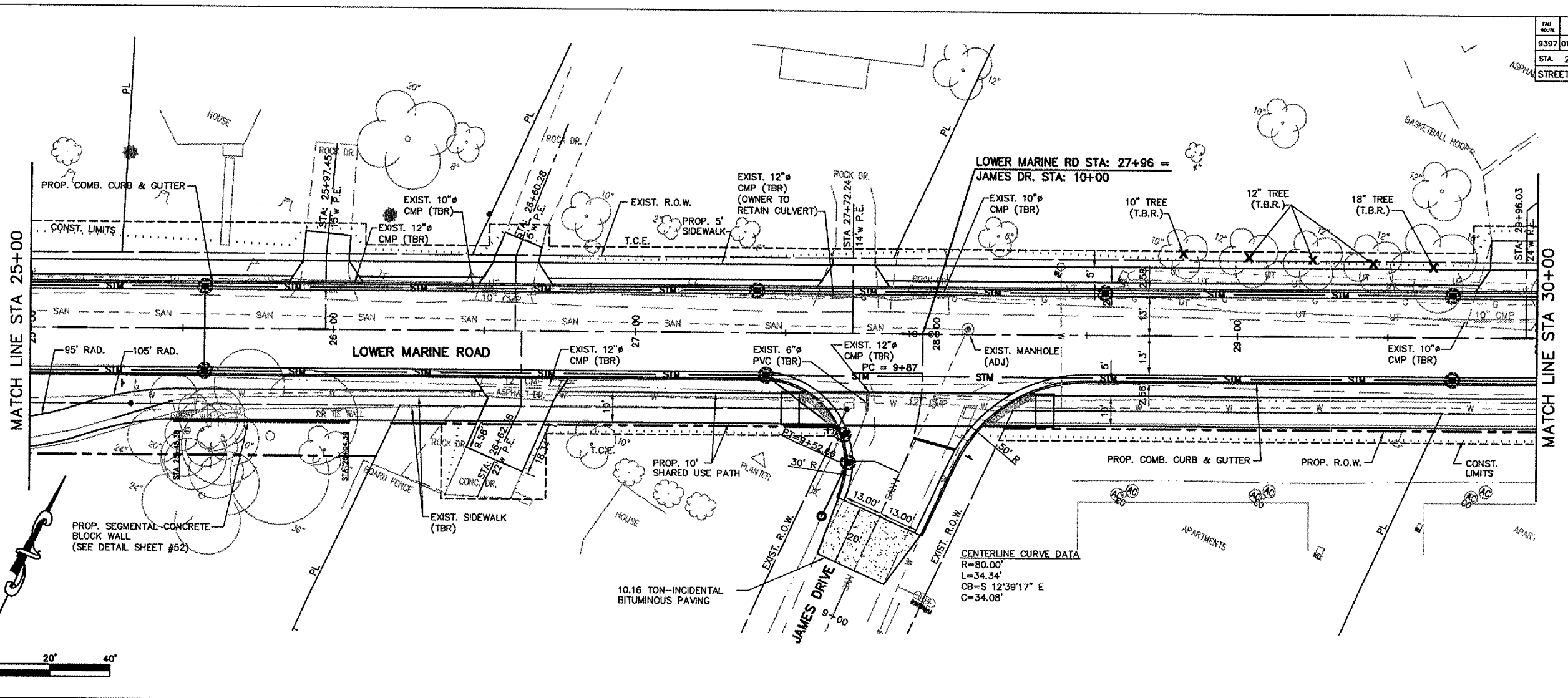


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DATE	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
9/30/05	01-00022-00-RP	MADISON	72	17
STA. 25+00		TO STA. 30+00		

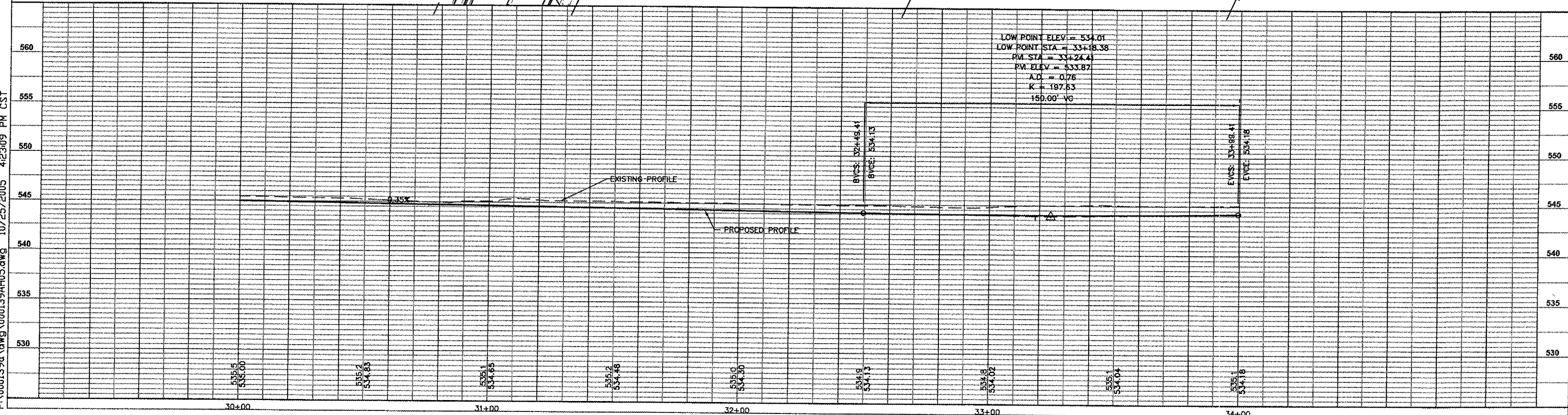
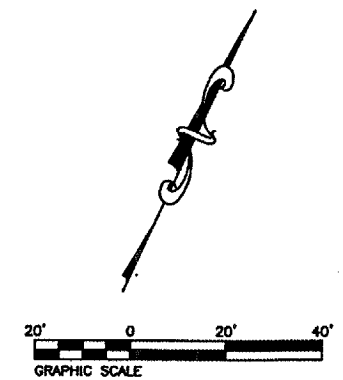
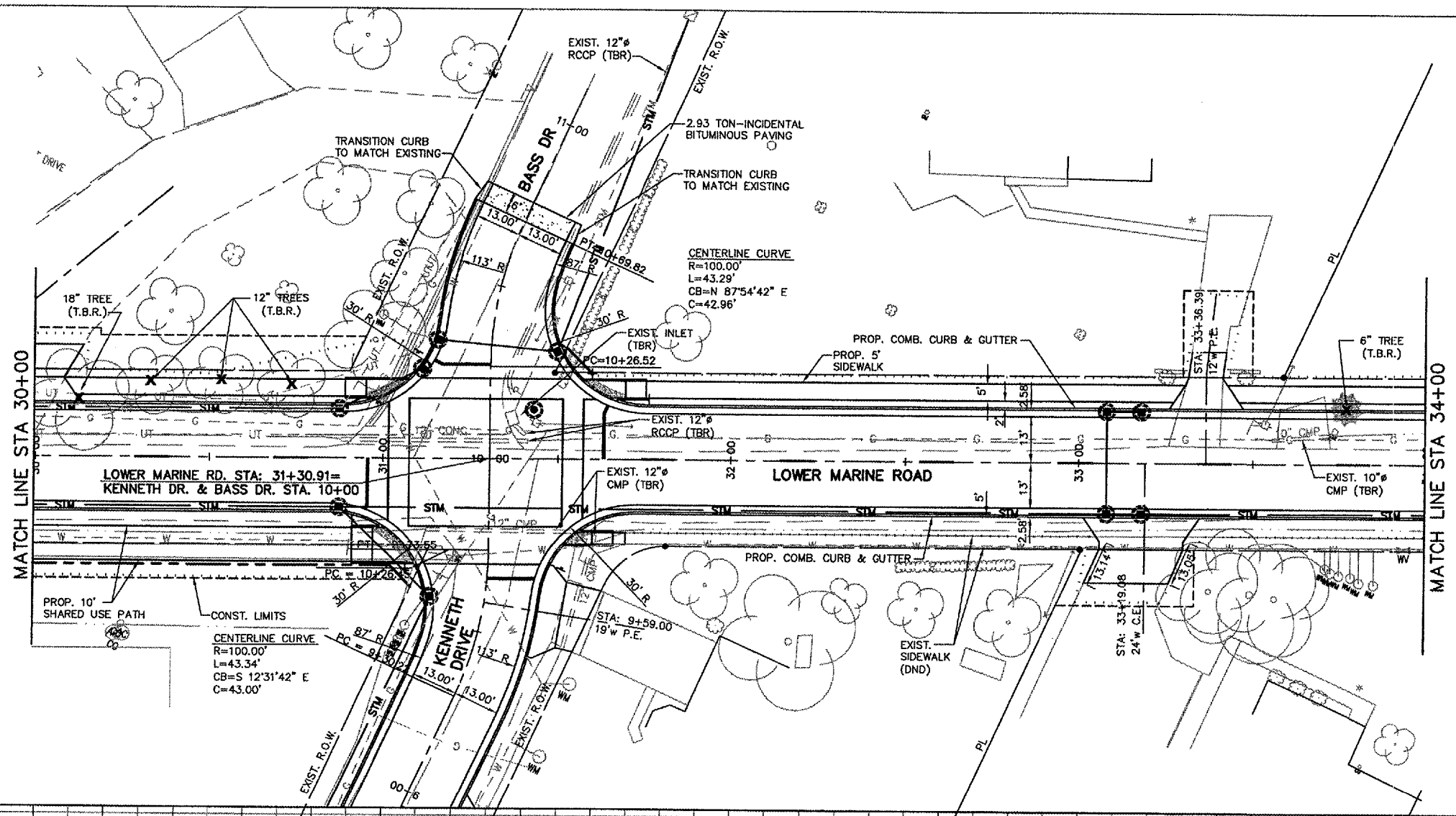
STREET PLAN AND PROFILE
CONTRACT NO. 97289



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FAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	18
STA. 30+00		TO STA. 34+00		
STREET PLAN AND PROFILE				

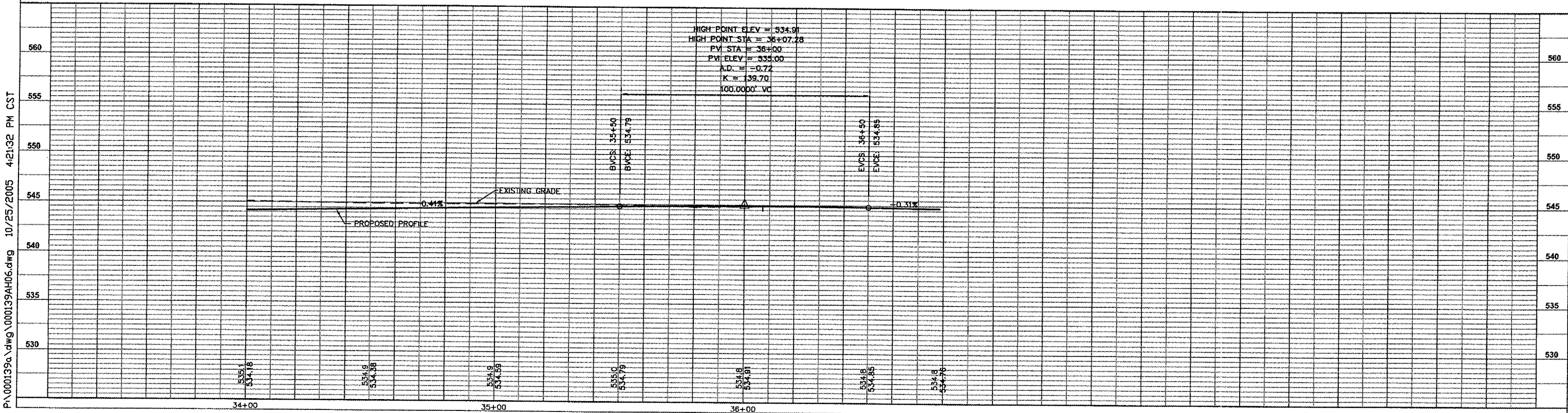
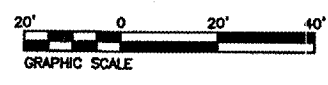
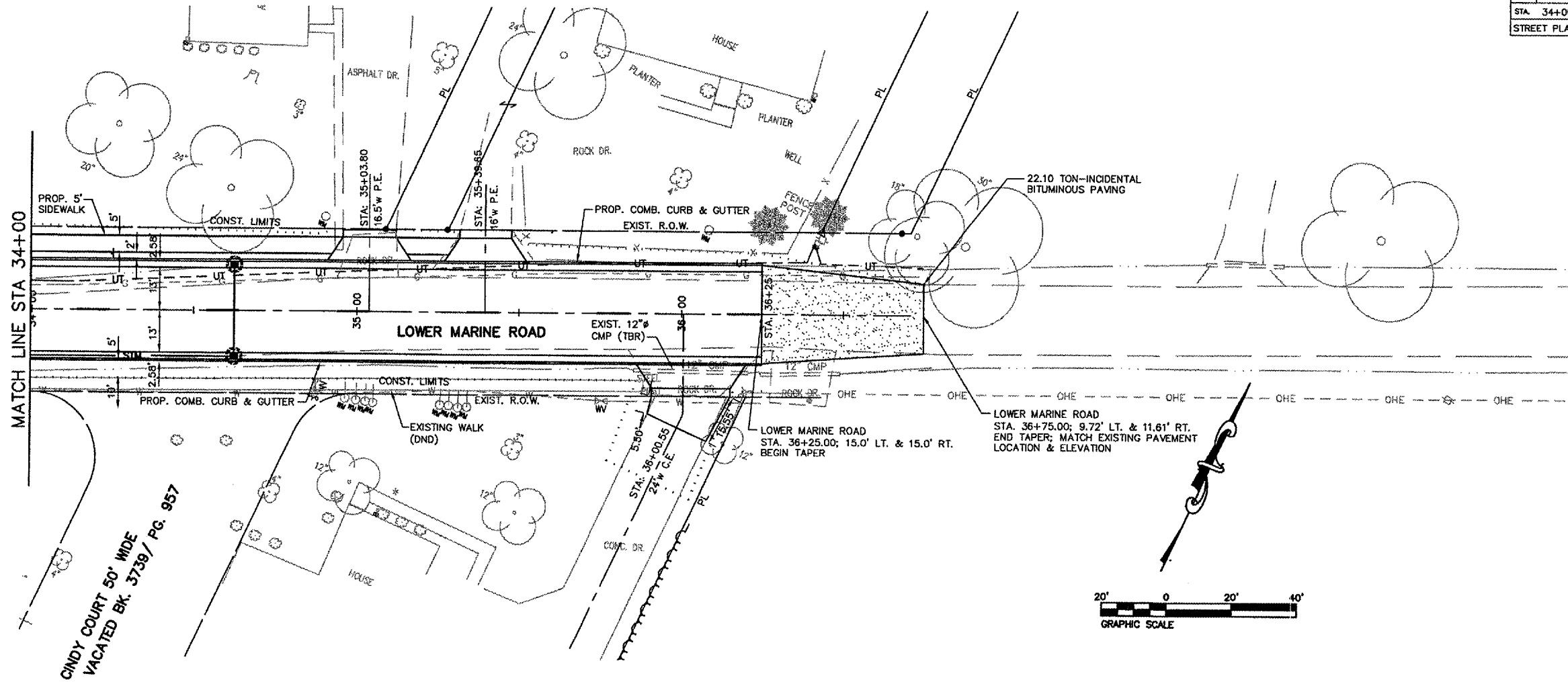
CONTRACT NO. 97269



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PAV. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	19
STA. 34+00		TO STA. 36+75.00		
STREET PLAN AND PROFILE				

CONTRACT NO. 97269

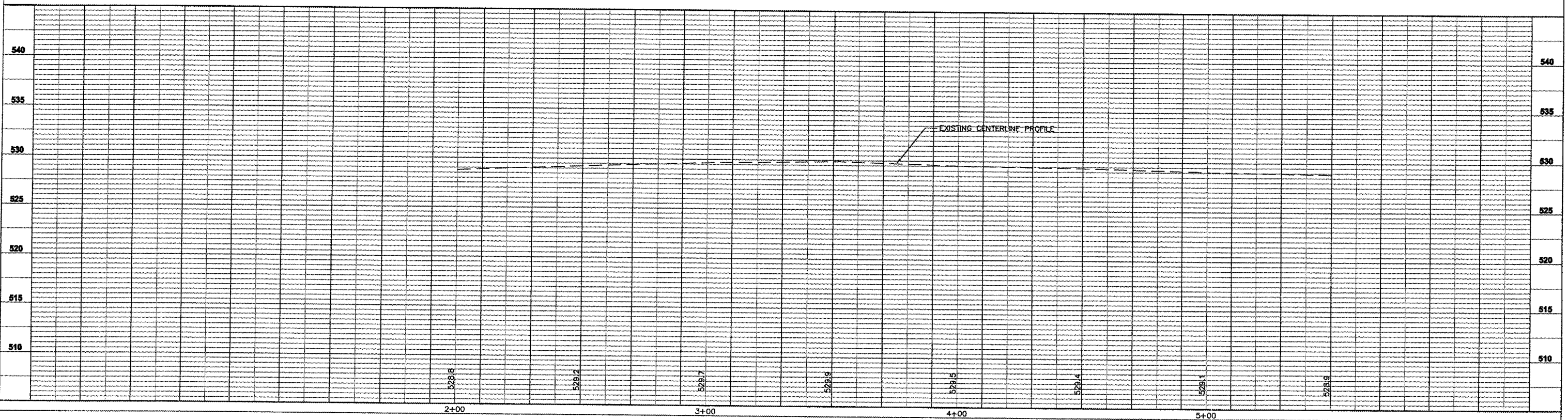
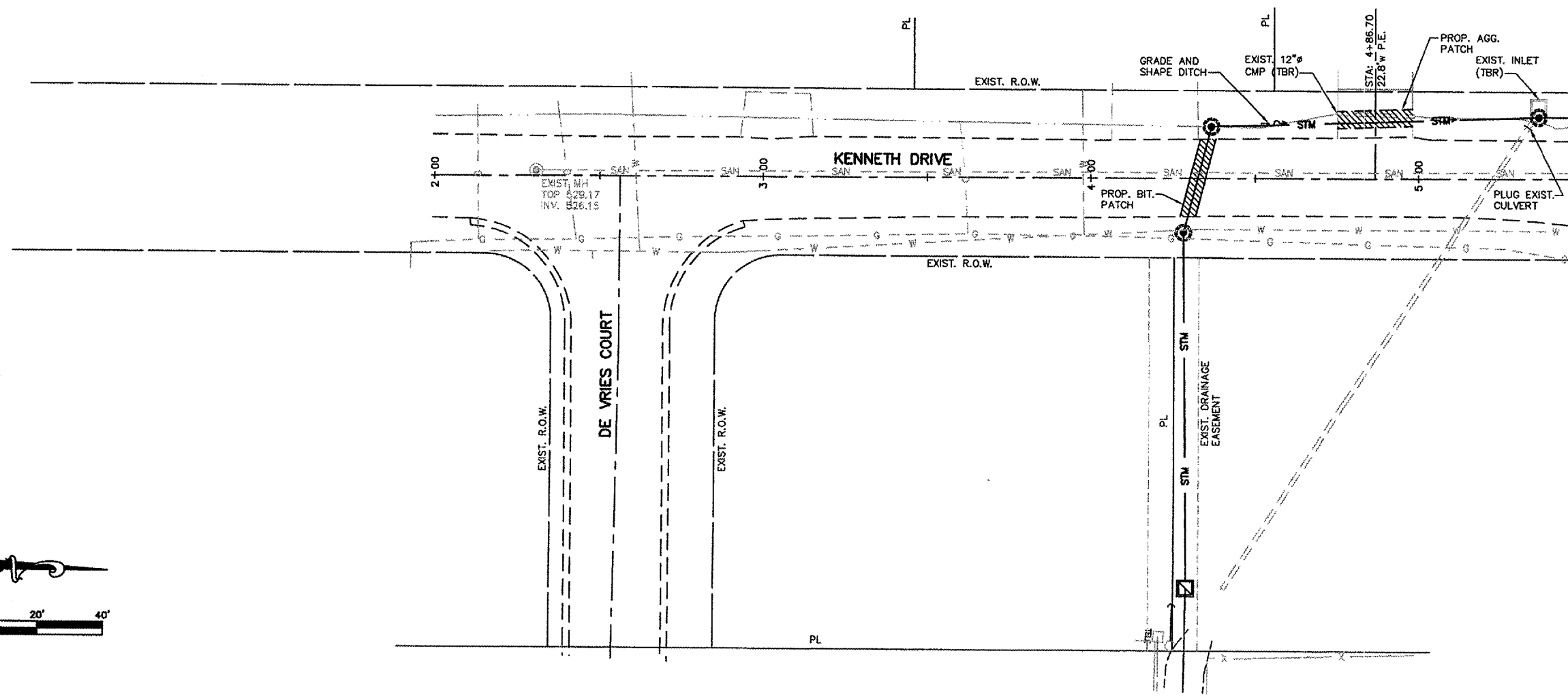
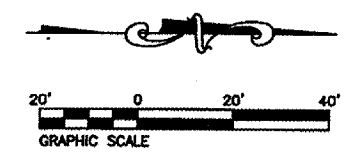


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FILE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
9397	01-00022-00-RP	MADISON	72	20
STA 34+00		TO STA 36+75.00		

STREET PLAN AND PROFILE
 CONTRACT NO. 97269

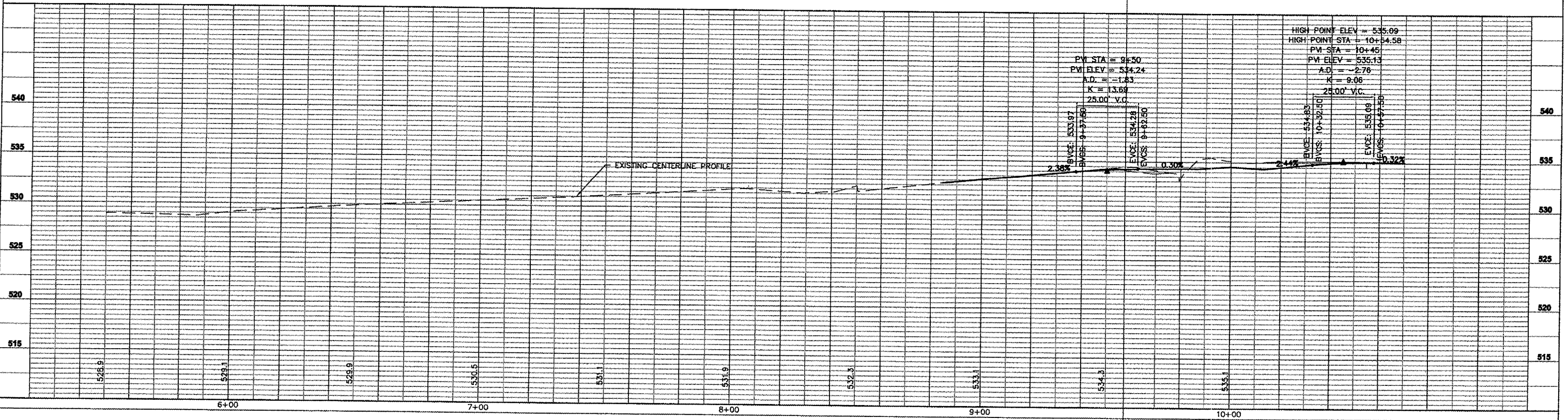
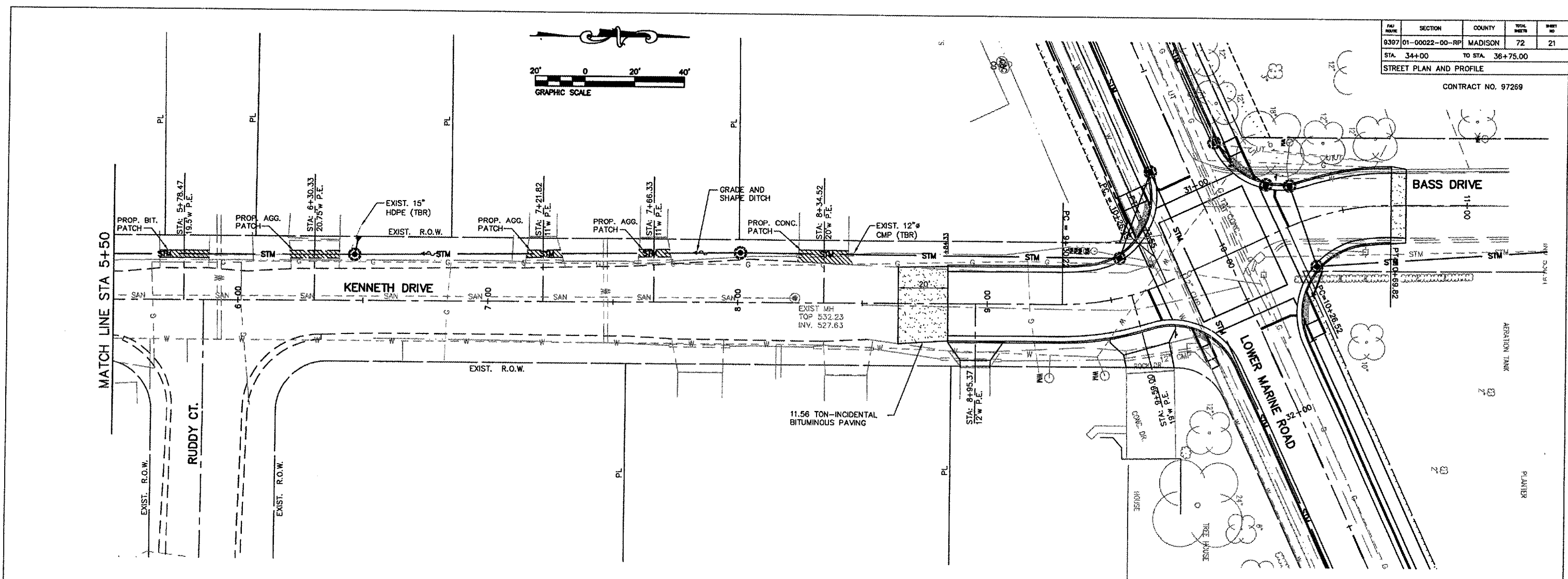
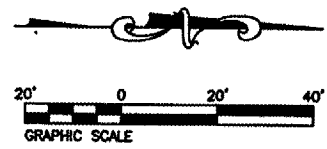
MATCH LINE STA 5+50



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FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	21
STA. 34+00		TO STA. 36+75.00		
STREET PLAN AND PROFILE				

CONTRACT NO. 97269



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STORM WATER POLLUTION PREVENTION PLAN

PAR. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	22
STA. 10+00 TO STA. 36+75		STORM WATER POLLUTION PREVENTION PLAN		

CONTRACT NO. 97269

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE-BY-CASE SITUATION DEPENDING ON THE CONTRACTORS SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITIES

1. THE PROPOSED PROJECT CONSISTS OF: IMPROVING DEWEY STREET/LOWER MARINE ROAD TO ELIMINATE ALL ROADSIDE PARKING AND ACCOMMODATE A PROPOSED SHARED-USE BIKE PATH.
2. CONSTRUCTION CONSISTS OF EARTHWORK, CULVERTS, DITCHES, PAVEMENT, CURB AND GUTTER, STORM SEWERS AND OTHER MISCELLANEOUS ITEMS TO COMPLETE THE WORK.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE

1. CONSTRUCT PROPOSED EMBANKMENT, STORM SEWERS, AND DRAINAGE STRUCTURES ALONG ENTIRE LENGTH OF PROJECT.
2. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN UP OF TEMPORARY EROSION CONTROL SUCH AS TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
3. PAVEMENT CONSTRUCTION INCLUDING CURB AND GUTTER.
4. FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.
5. PLACEMENT OF PERMANENT EROSION CONTROL SUCH AS RIP RAP, SEEDING, ETC.

AREA OF CONSTRUCTION SITE

THE TOTAL AREA OF THE CONSTRUCTION SITE TO BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES IS ESTIMATED TO BE 2.2 ACRES.

OTHER REPORTS AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS, AND SPECIAL PROVISIONS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE

1. ALL ROADWAY DRAINAGE DISCHARGES INTO A TRIBUTARY OF WENDELL BRANCH (A TRIBUTARY OF SILVER CREEK). SILVER CREEK DISCHARGES INTO THE KASKASKIA RIVER (A TRIBUTARY OF THE MISSISSIPPI RIVER).

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION

1. THE DRAINAGE SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY ON THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - (a) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.

- (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
 - (c) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
 - (e) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.
 3. A THIRD BENEFIT OF THESE AREAS IS THAT THEY WILL BEGIN TO PROVIDE A SCREEN AND BUFFER. THEY WILL HELP PROTECT THE CONSTRUCTION SITE FROM WINDS AND EXCESS SUN AND MITIGATE CONSTRUCTION NOISE AND DUST.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION

DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS, AS OUTLINED PREVIOUSLY HEREIN, SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

1. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION, AS DETERMINED BY THE ENGINEER, SHALL REMAIN UNDISTURBED UNTIL FULL-SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
2. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
3. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - (a) PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - (b) TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - (c) CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - (d) TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
4. EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN DAYS.
5. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
6. THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/4 INCH OR GREATER (OR EQUIVALENT SNOWFALL) AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BIWEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
7. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.

8. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER, AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

DESCRIPTION OF STABILIZATION PRACTICES AFTER FINAL GRADING

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS, AS PROPOSED IN THE PLANS, ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED, AND DISTURBED TURF RESEDED (UNLESS NOTED OTHERWISE).

MAINTENANCE AFTER CONSTRUCTION

CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.


MISCELLANEOUS

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1/2 FT. FALL/RISE IN DITCH GRADE (UNLESS NOTED OTHERWISE).
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS./ACRE (UNLESS NOTED OTHERWISE).
3. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
4. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION FOR EROSION CONTROL.
5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT, TO THE ENGINEER, A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

NOTE: MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.


 SIGNATURE

12/14/05
 DATE

LOCATION	TEMPORARY EROSION CONTROL						PERMANENT EROSION CONTROL				
	SEEDING CL 7 (2 APPL.) (LBS.)	NITROGEN, PHOSPHORUS, & POTASSIUM NUTRIENTS (LBS.)	INLET AND PIPE PROTECTION (EA.)	TEMPORARY DITCH CHECKS (EA.)	PERIMETER EROSION BARRIER (FT.)	SEDIMENT BASIN (EA.)	SEEDING CL 2 (AC.)	NITROGEN, PHOSPHORUS, & POTASSIUM NUTRIENTS (LBS.)	MULCH, METHOD 2 (AC.)	STONE RIP RAP CLASS A4 (SQ. YD.)	FILTER FABRIC (SQ. YD.)
LOWER MARINE ROAD	502	-	57	-	377	-	2.2	198	2.2	17	17
TOTALS:	502	-	57	-	377	-	2.2	198	2.2	17	17



PREPARED BY:
THOUVENOT, WADE & MOERCHEN, INC.

REVISIONS	
NAME	DATE

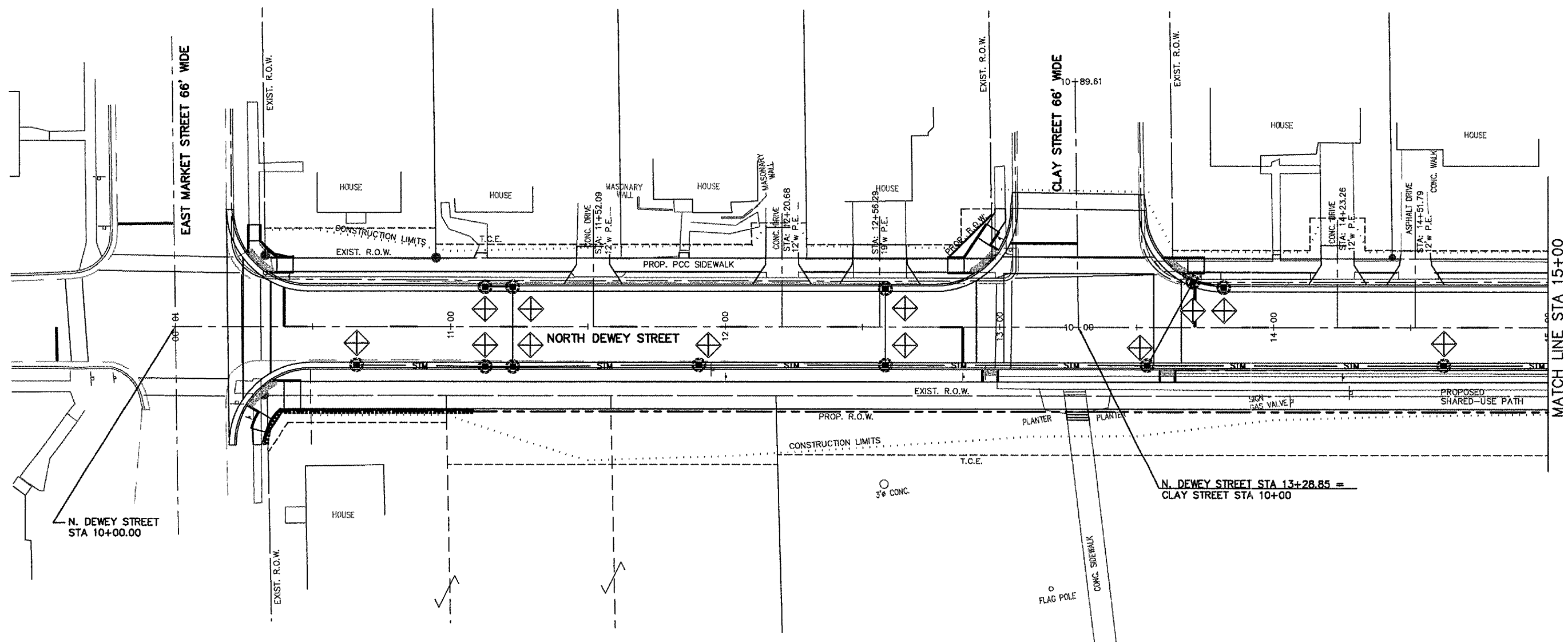
**STORM WATER
 POLLUTION PREVENTION
 PLAN**
 LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

DRAWN BY: BJG

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9387	01-00022-00-RP	MADISON	72	23
STA. 10+00		TO STA. 15+00		

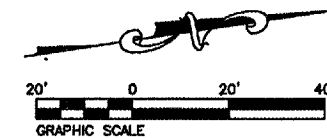
TEMPORARY EROSION CONTROL

CONTRACT NO. 97269



TEMPORARY EROSION CONTROL ITEMS

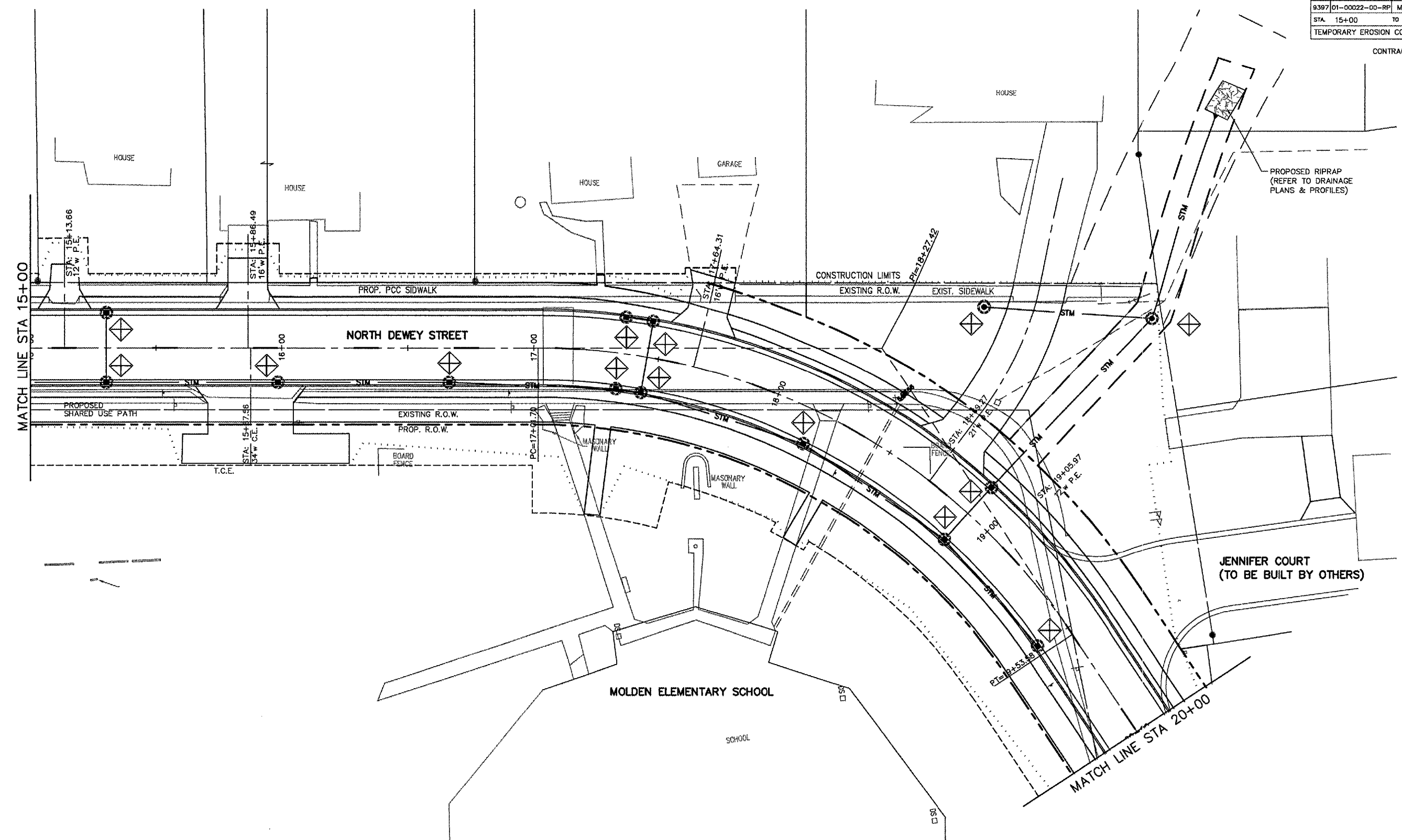
- | | | |
|---|---------------------------|--|
| ① | TEMPORARY DITCH CHECK | |
| ② | INLET & PIPE PROTECTION | |
| ③ | PERIMETER EROSION BARRIER | |



PAV ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9397	01-00022-00-RP	MADISON	72	24
STA. 15+00		TO STA. 20+00		

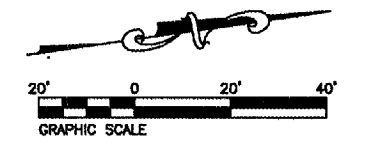
TEMPORARY EROSION CONTROL

CONTRACT NO. 97269



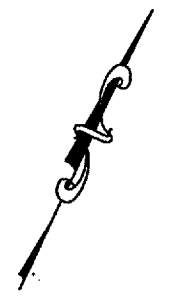
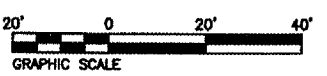
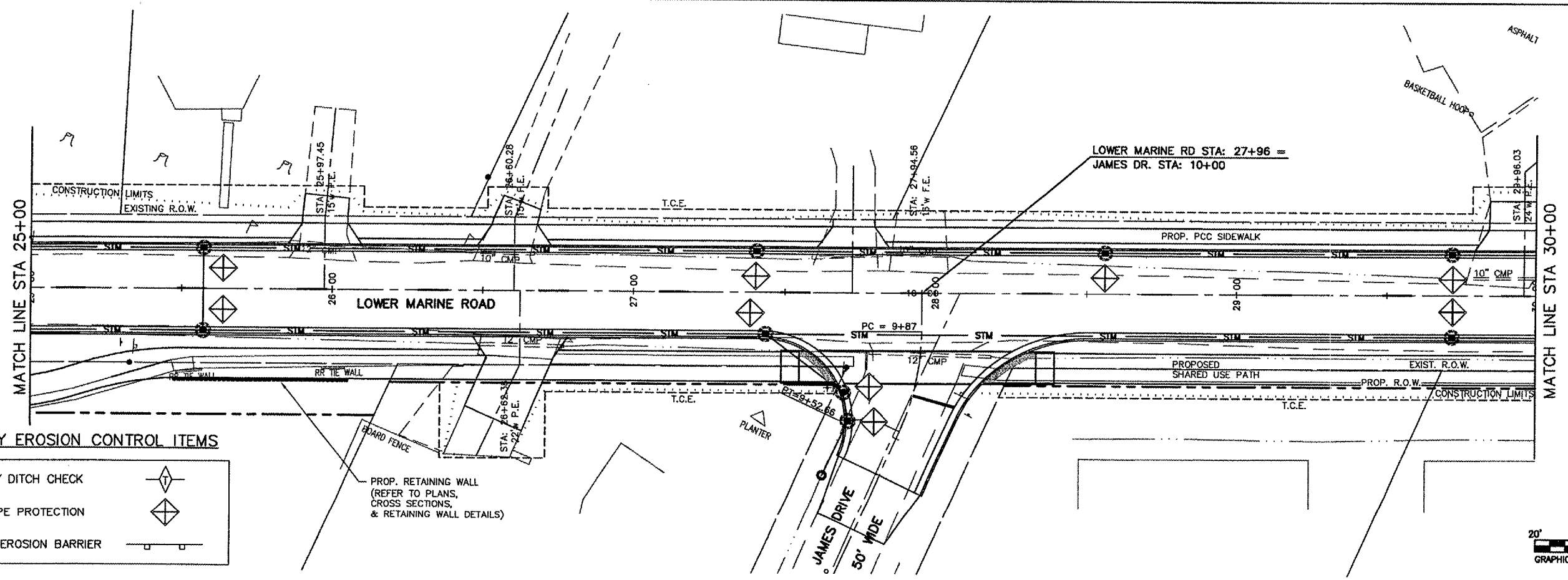
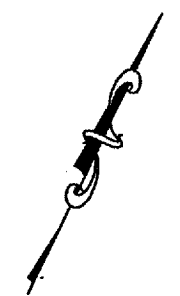
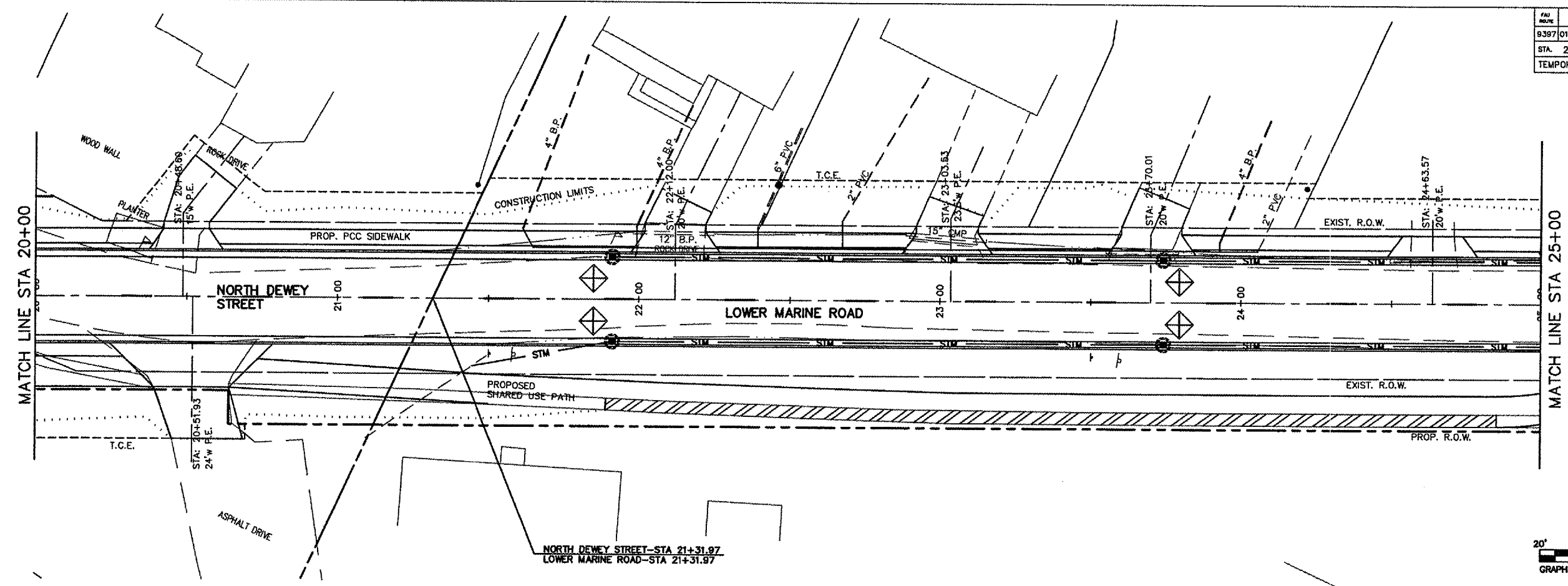
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK
- ② INLET & PIPE PROTECTION
- ③ PERIMETER EROSION BARRIER



FAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	25
STA. 20+00		TO STA. 30+00		
TEMPORARY EROSION CONTROL				

CONTRACT NO. 97269



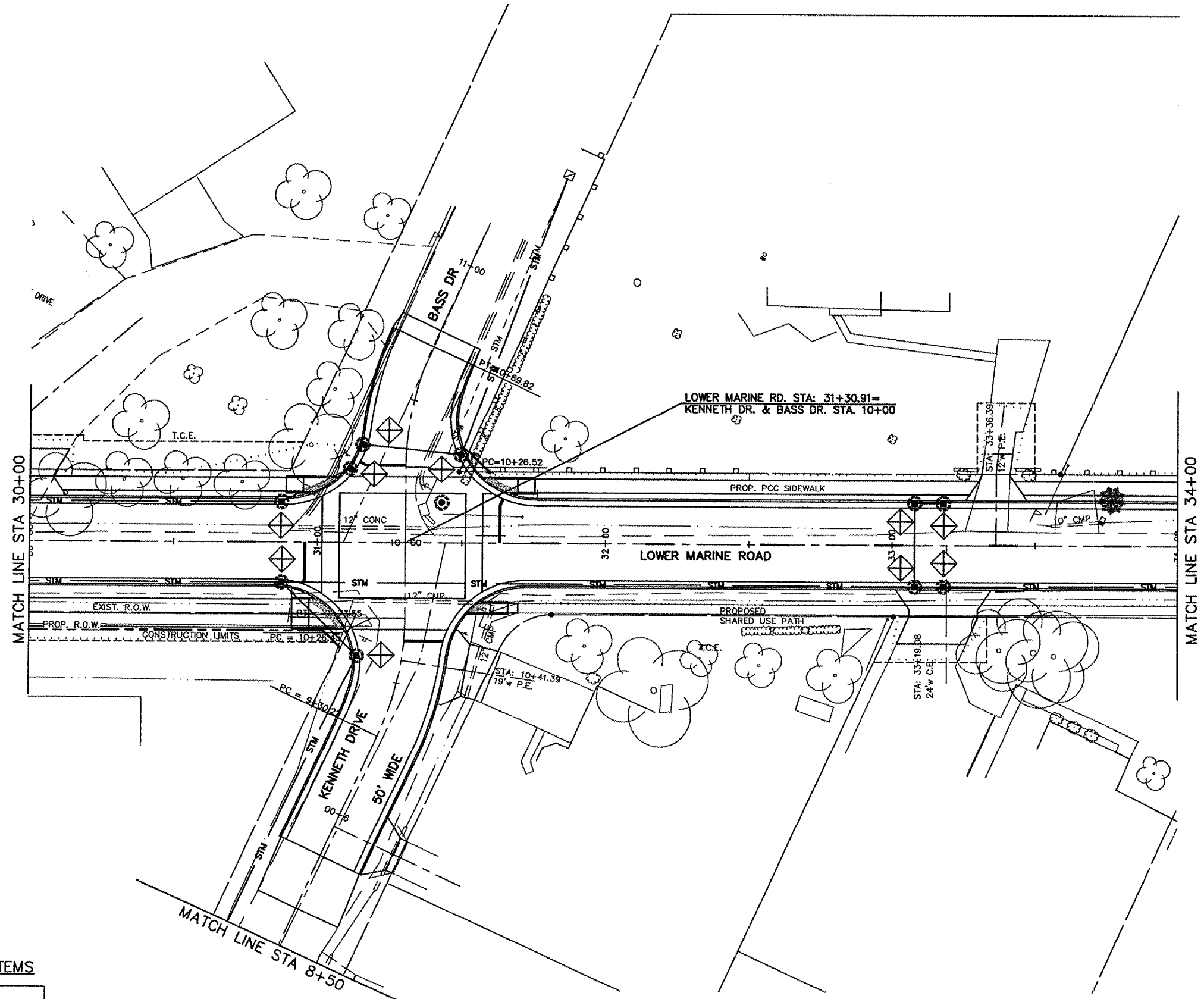
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK
- ② INLET & PIPE PROTECTION
- ③ PERIMETER EROSION BARRIER



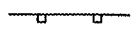
PROP. RETAINING WALL
(REFER TO PLANS,
CROSS SECTIONS,
& RETAINING WALL DETAILS)

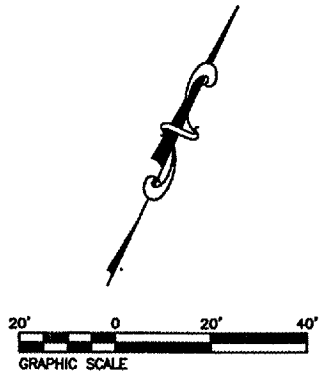
PAV. SURF.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	26
STA. 30+00		TO STA. 34+00		
TEMPORARY EROSION CONTROL				

CONTRACT NO. 97269



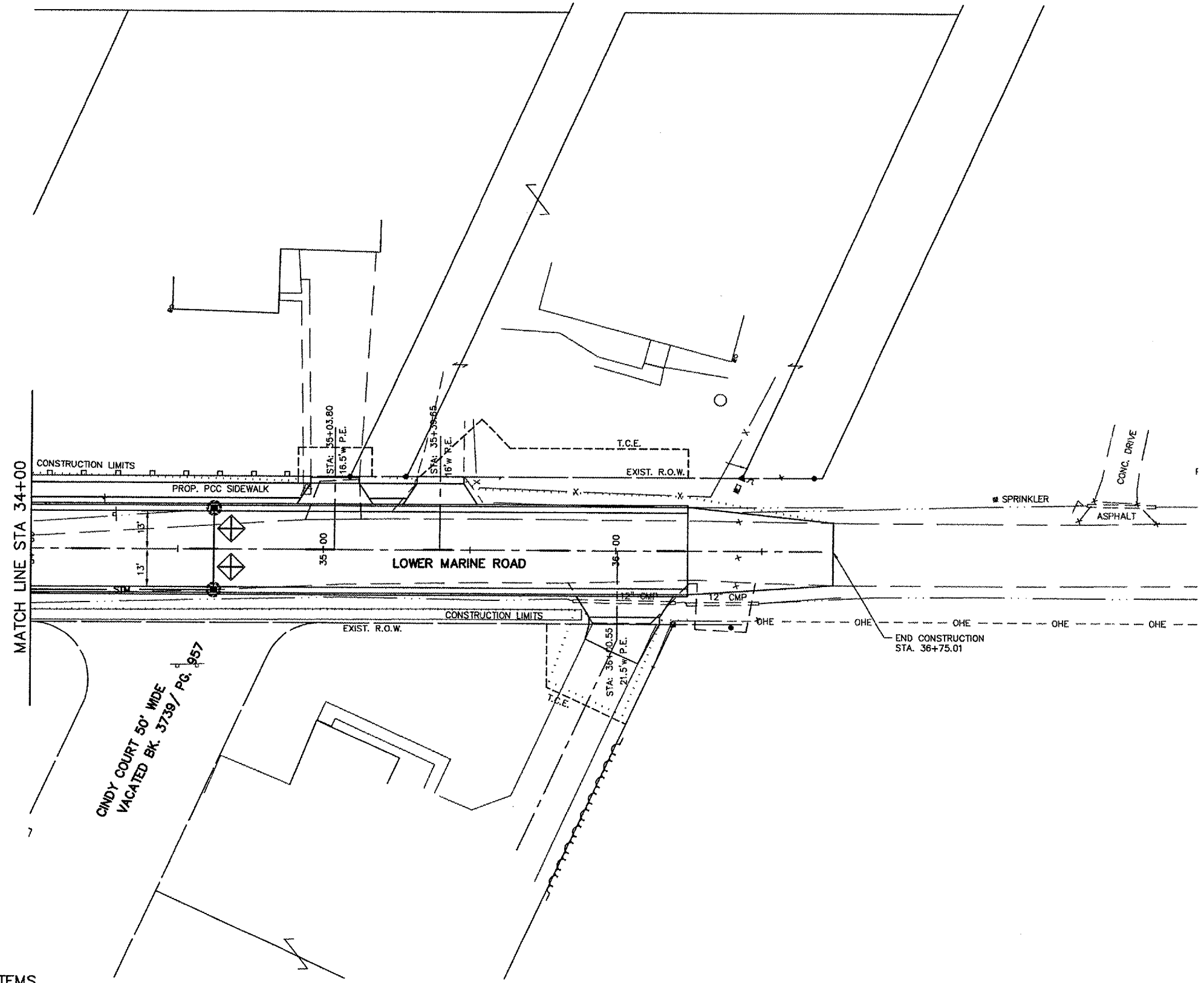
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 



FILE NAME	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9397	01-00022-00-RP	MADISON	72	27
STA. 34+00		TO STA. 36+75.01		
TEMPORARY EROSION CONTROL				

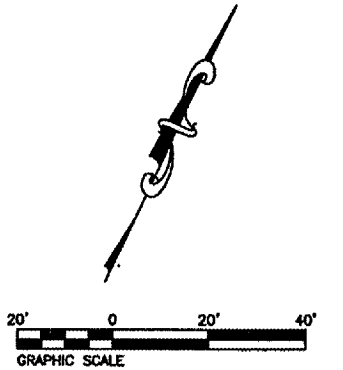
CONTRACT NO. 97269



CINDY COURT 50' WIDE
VACATED BK. 3739 / PG. 257

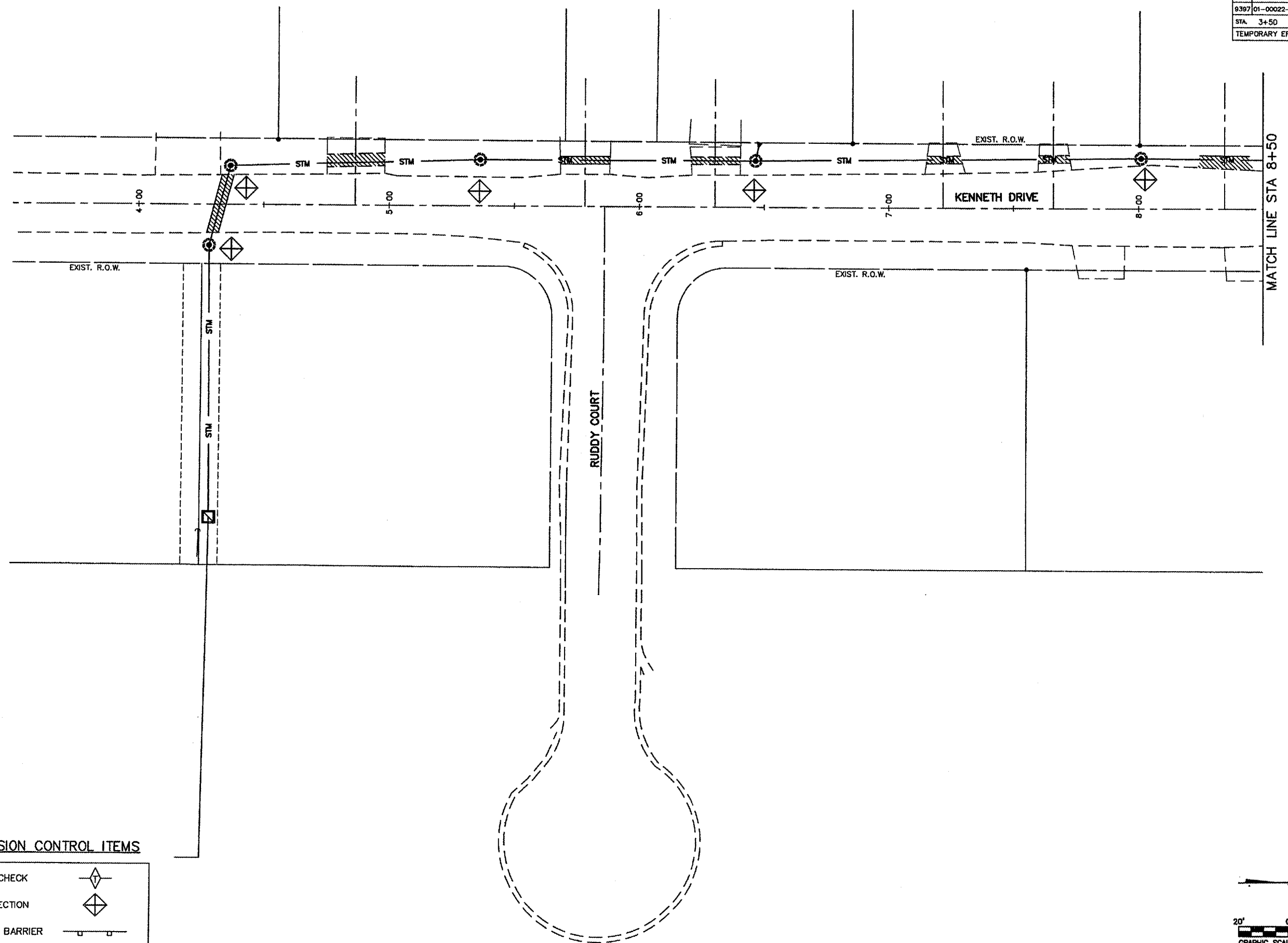
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK
- ② INLET & PIPE PROTECTION
- ③ PERIMETER EROSION BARRIER

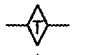

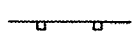


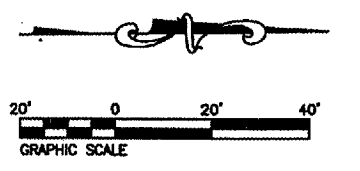
PAV. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	28
STA. 3+50		TO STA. 8+50		
TEMPORARY EROSION CONTROL				

CONTRACT NO. 97269



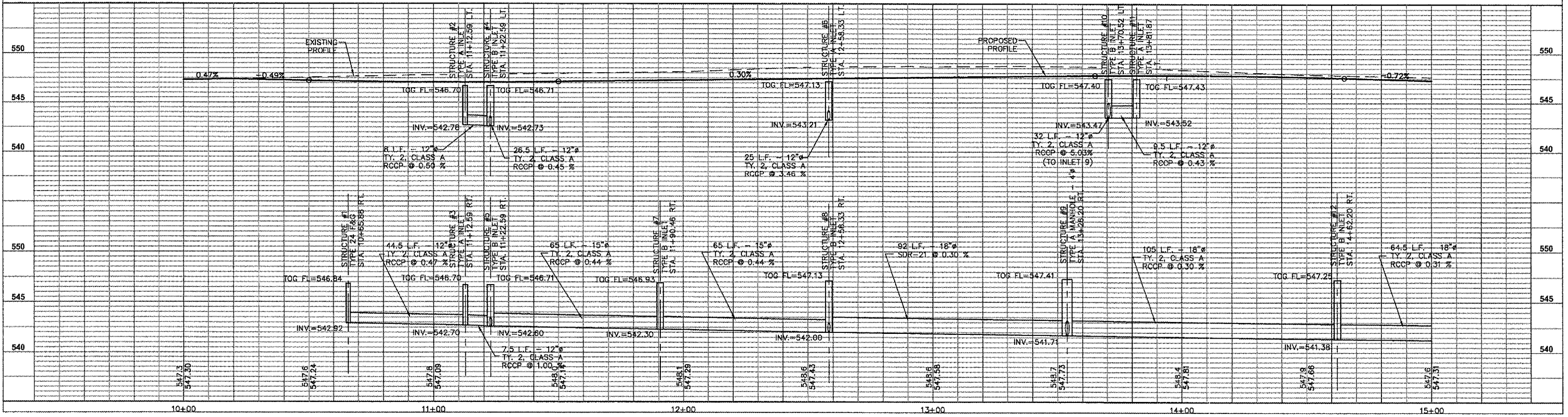
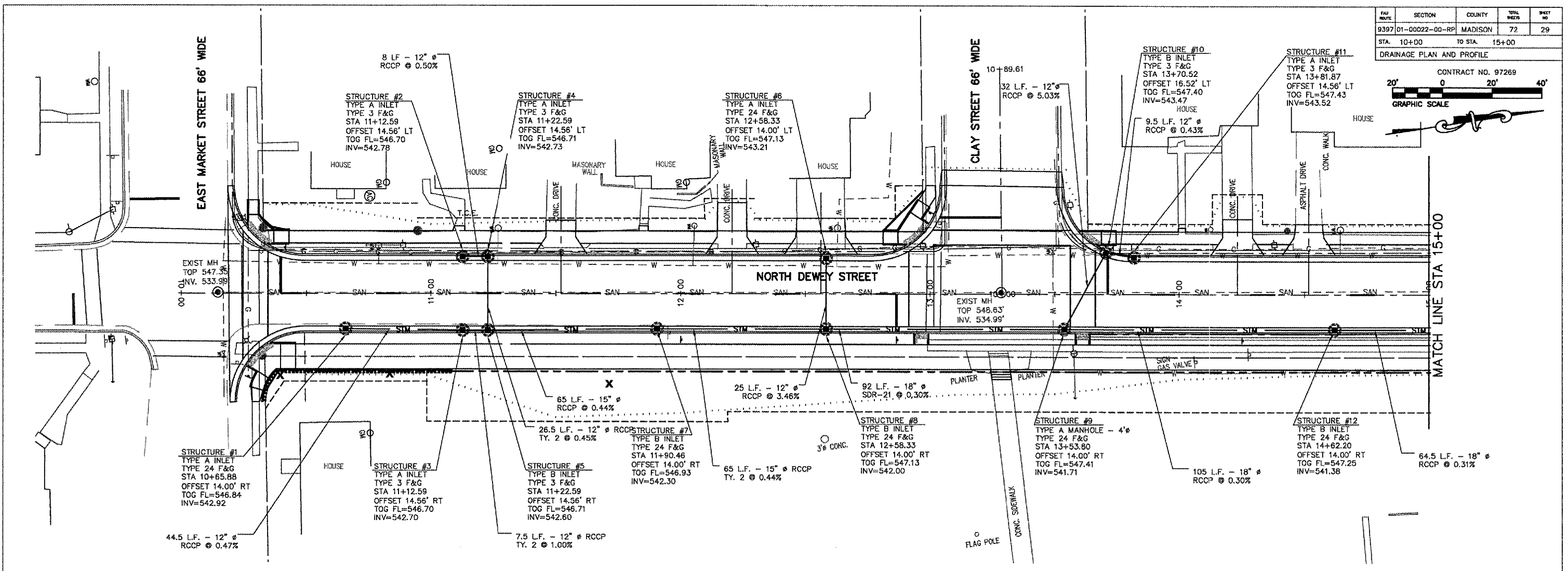
TEMPORARY EROSION CONTROL ITEMS

- ① TEMPORARY DITCH CHECK 
- ② INLET & PIPE PROTECTION 
- ③ PERIMETER EROSION BARRIER 



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-0022-00-RP	MADISON	72	29
STA. 10+00		TO STA. 15+00		

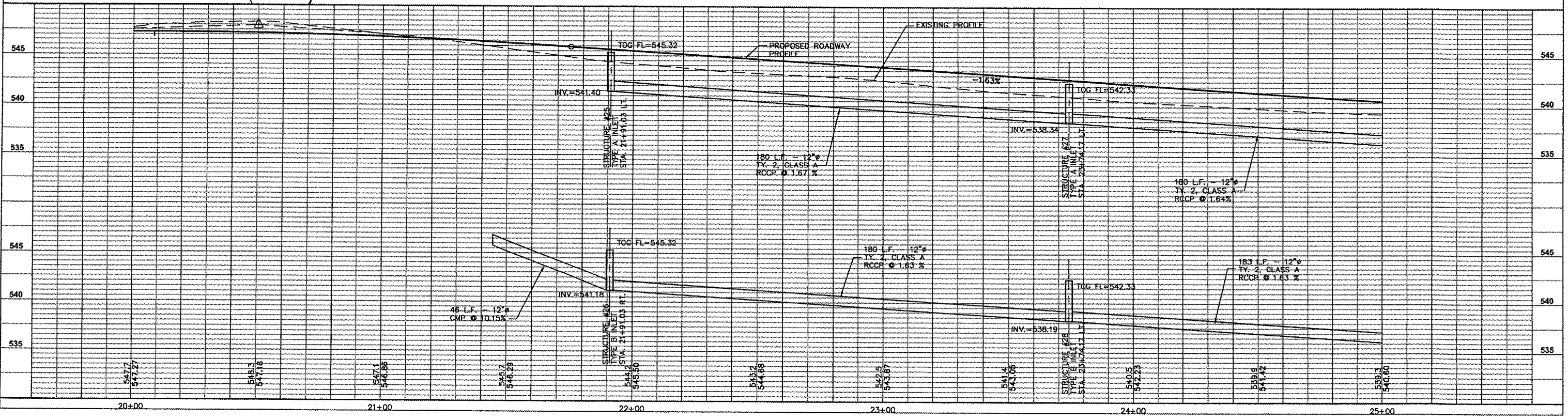
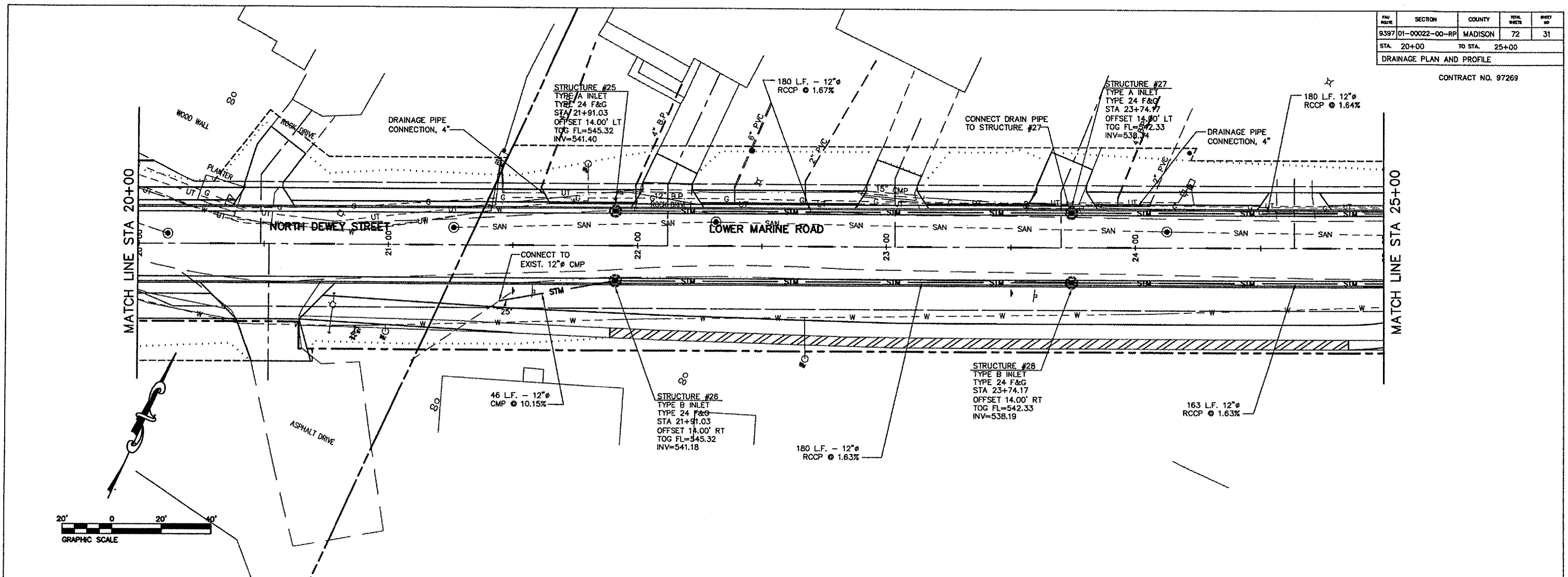
CONTRACT NO. 97269
 GRAPHIC SCALE
 0 20' 40'



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FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	31
STA. 20+00		TO STA. 25+00		
DRAINAGE PLAN AND PROFILE				

CONTRACT NO. 97269

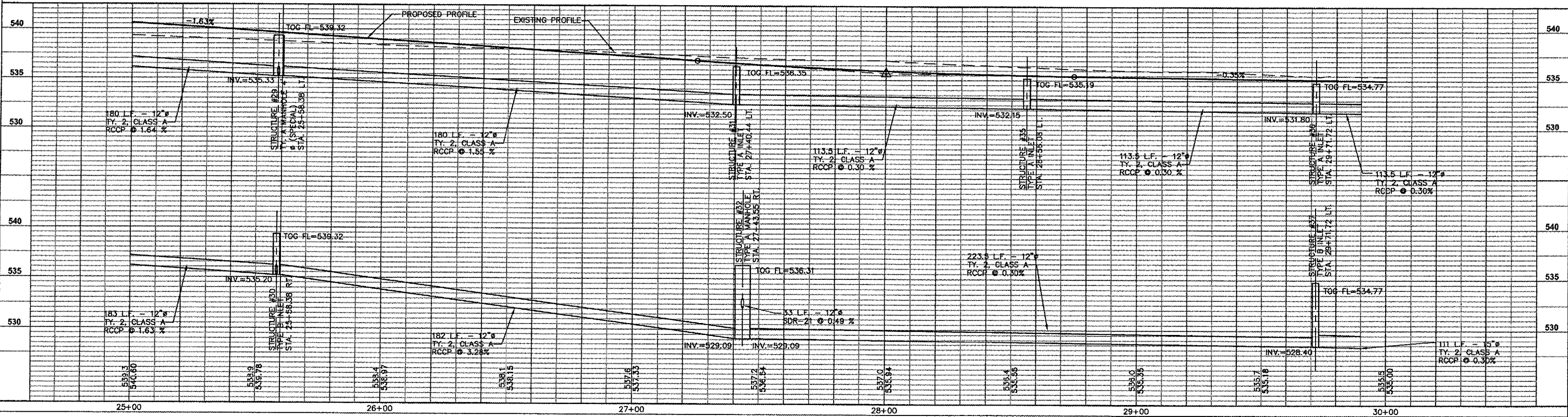
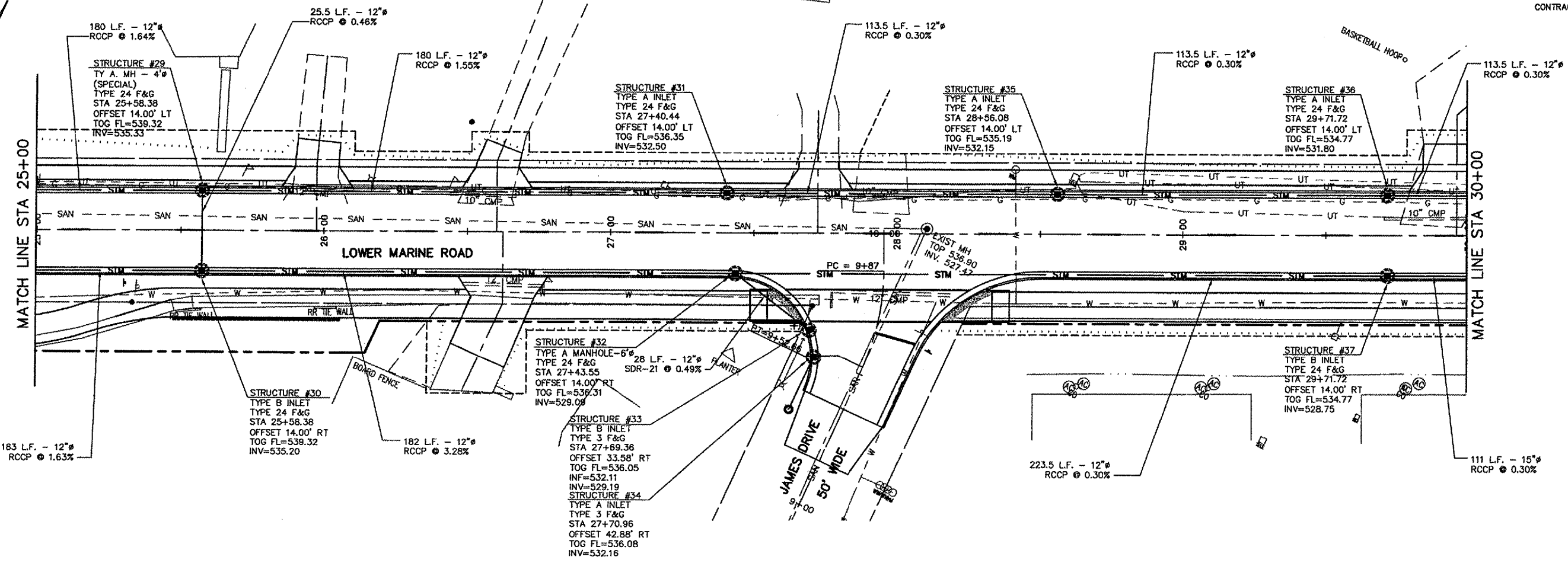


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PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	32
STA. 25+00 TO STA. 30+00		DRAINAGE PLAN AND PROFILE		

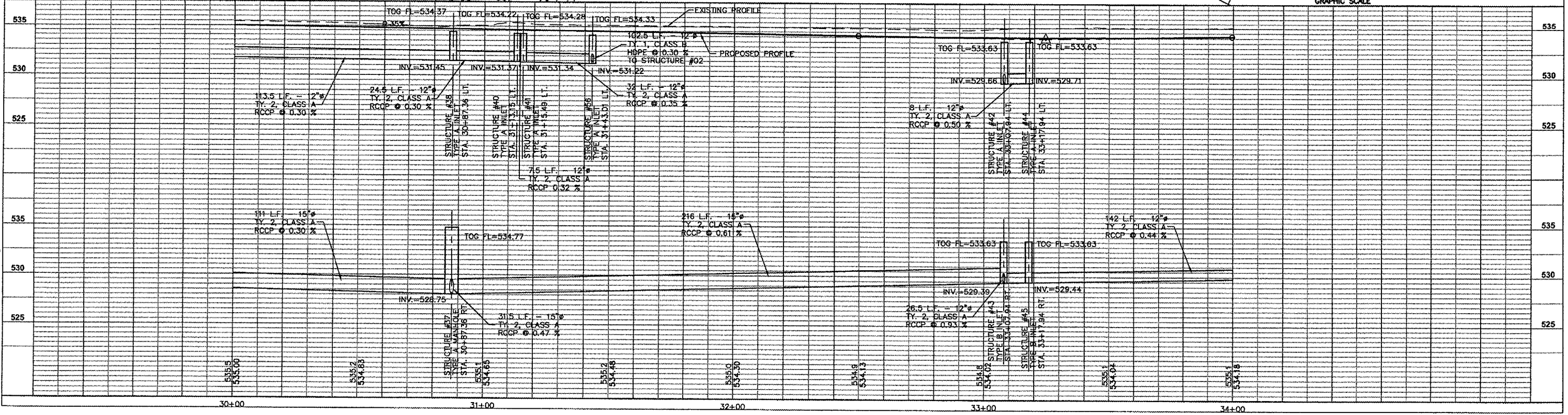
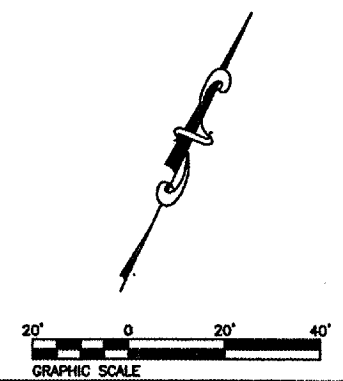
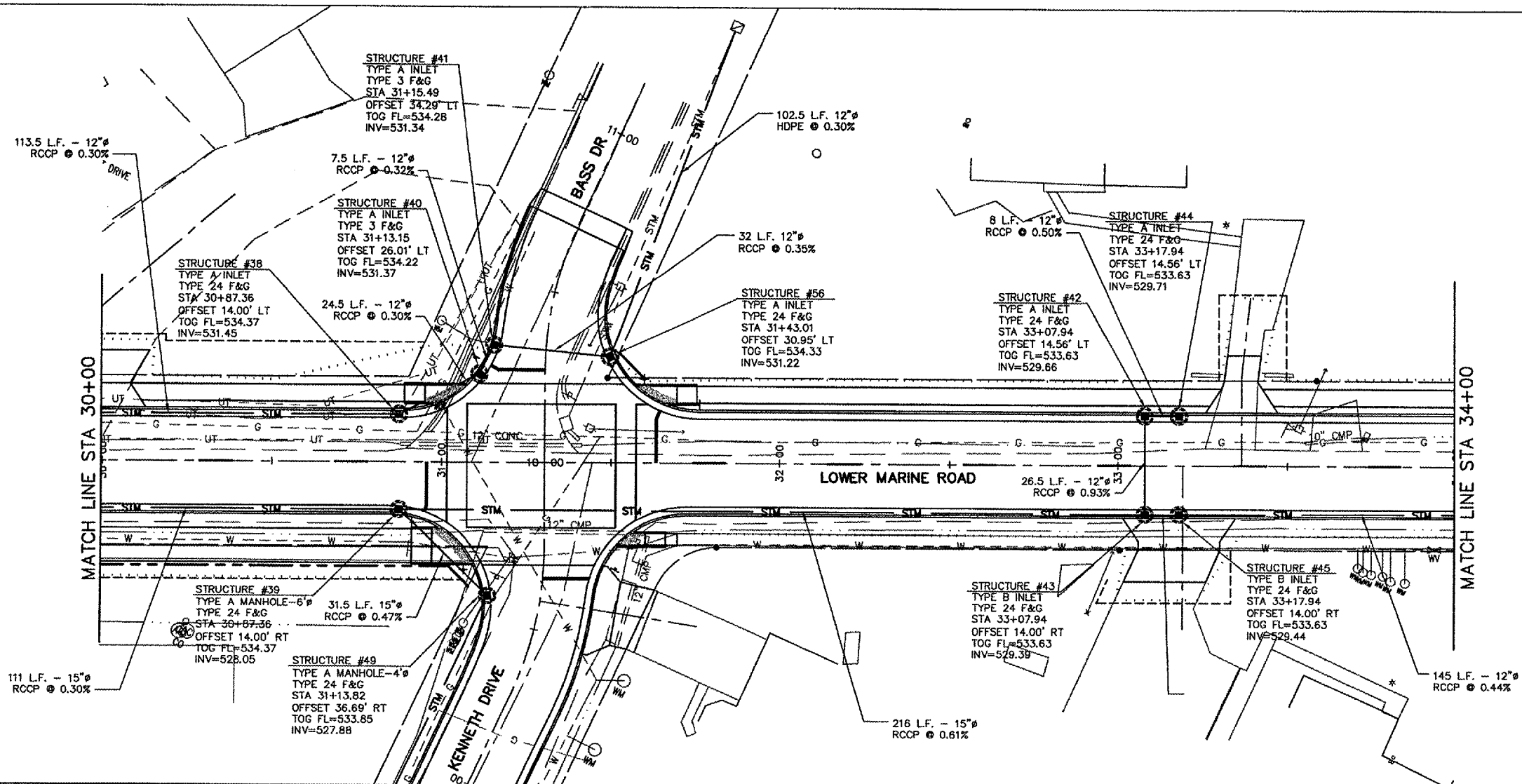
CONTRACT NO. 97269



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EAU NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	33
STA. 30+00		TO STA. 34+00		
DRAINAGE PLAN AND PROFILE				

CONTRACT NO. 97269

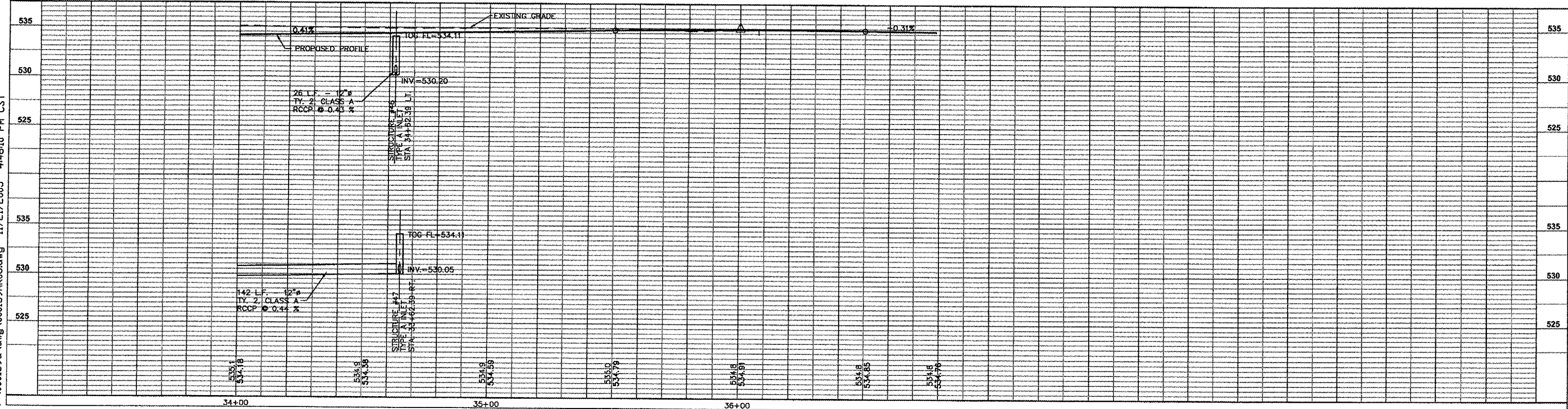
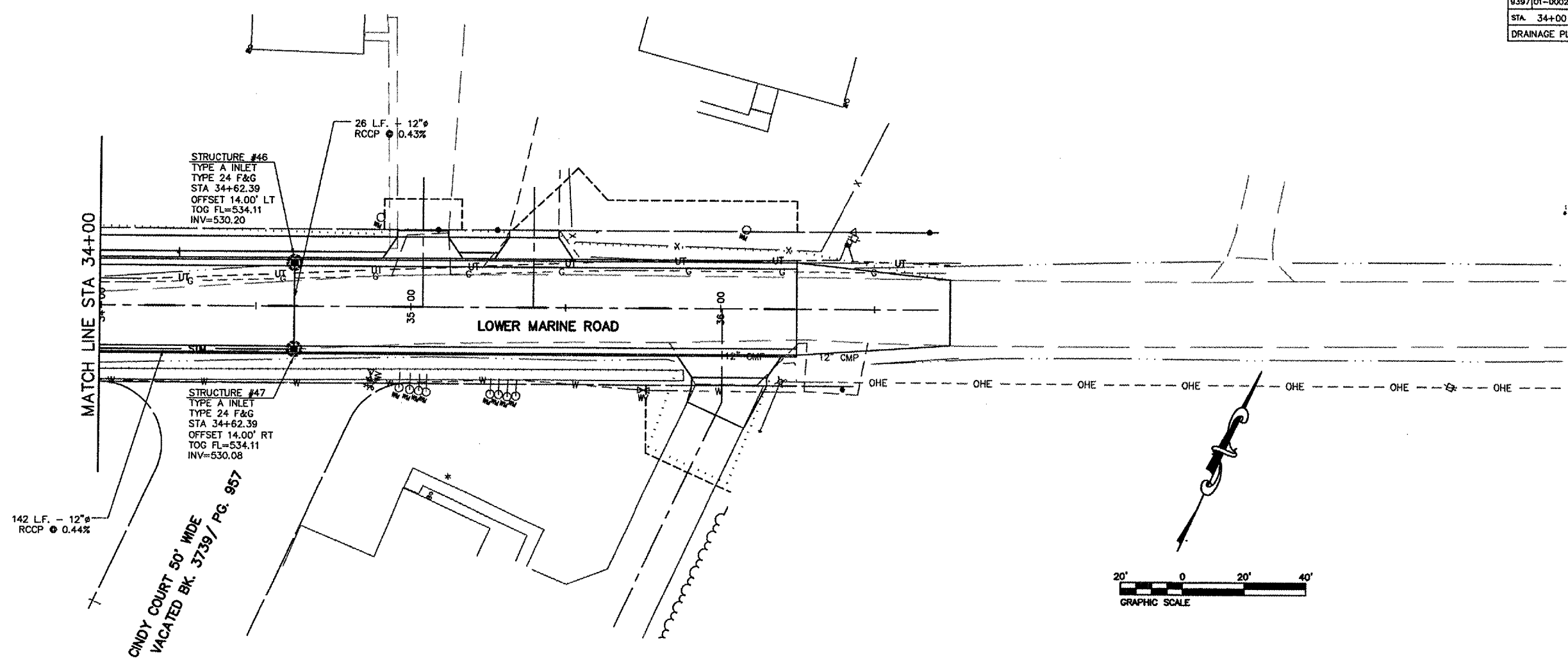


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PAV. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	34
STA. 34+00		TO STA. 36+75.00		

DRAINAGE PLAN AND PROFILE

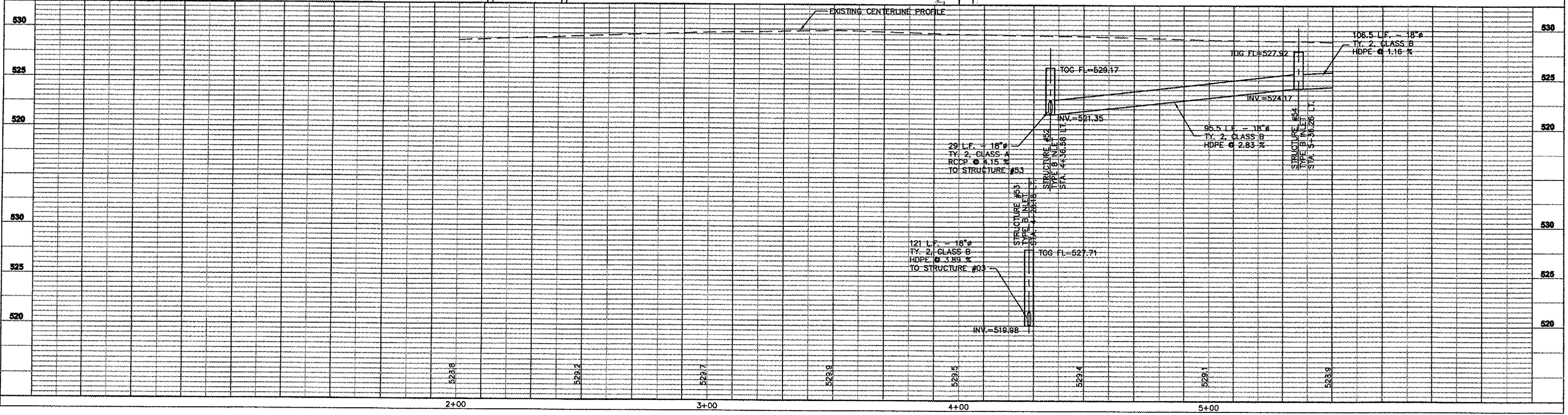
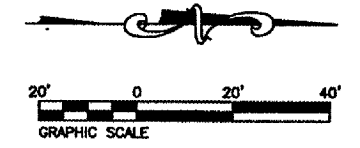
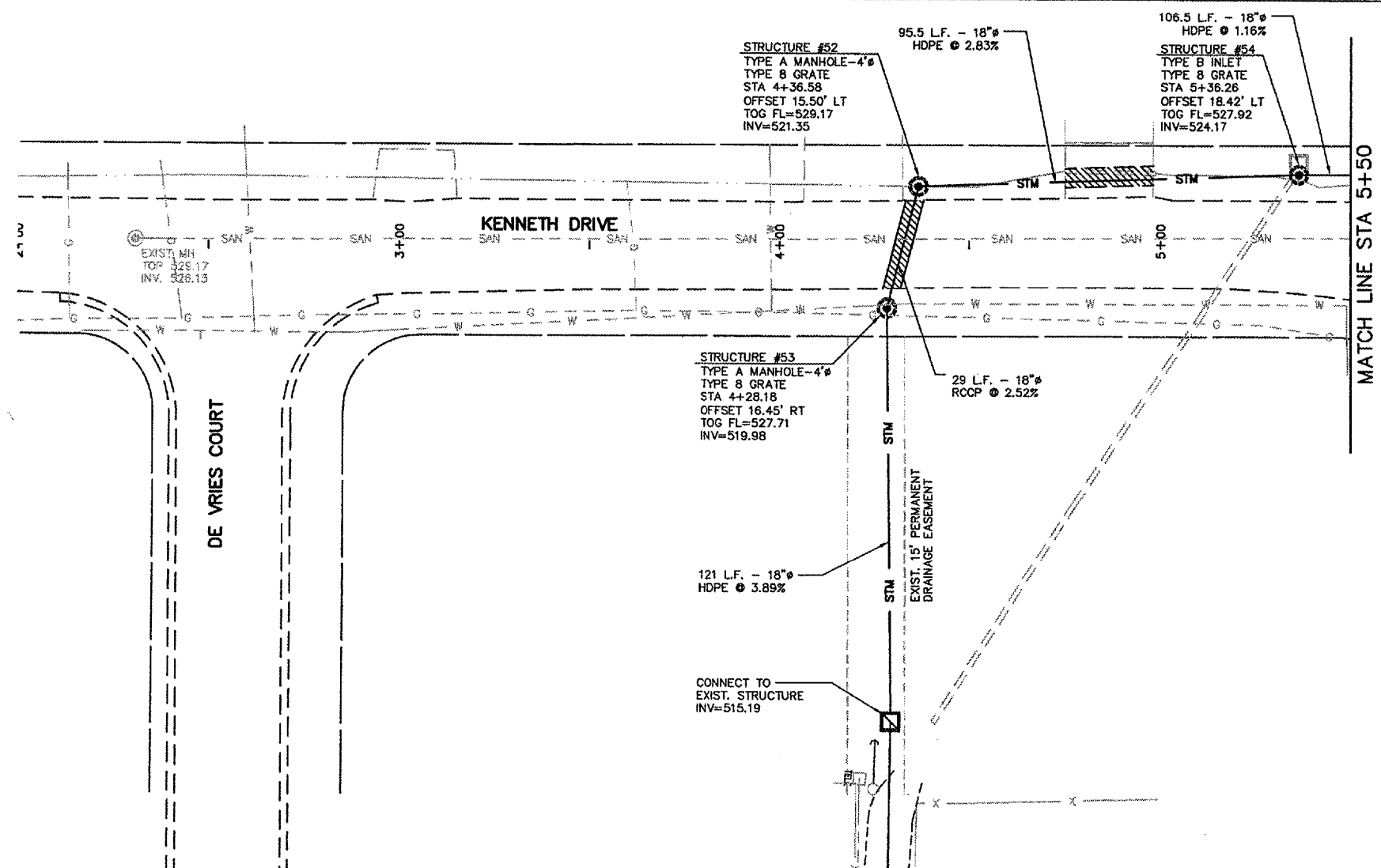
CONTRACT NO. 97269



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PIV NO./7E	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	35
STA. 2+00		TO STA. 5+50		
DRAINAGE PLAN AND PROFILE				

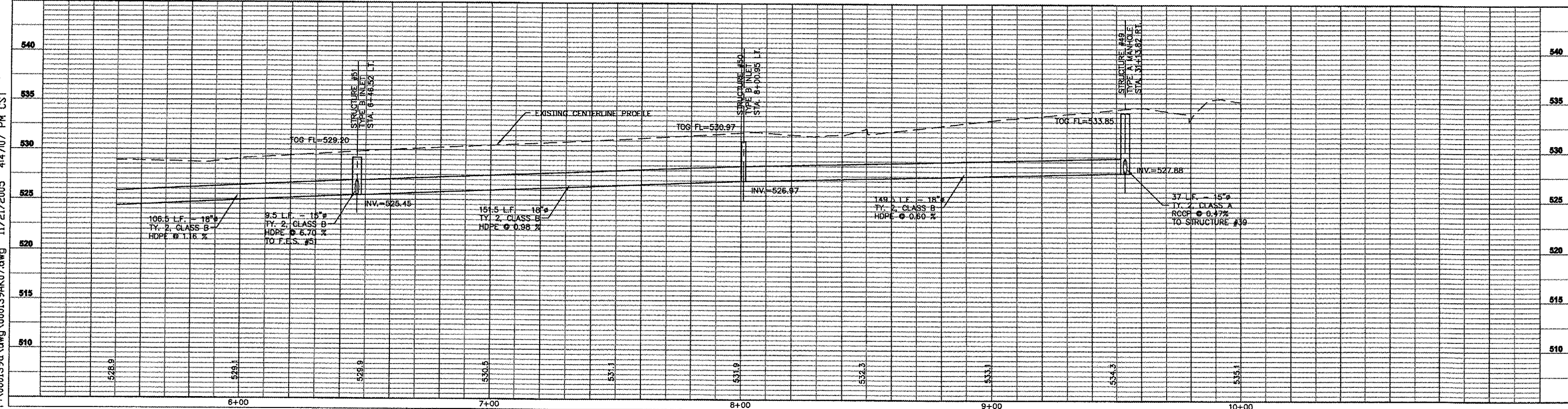
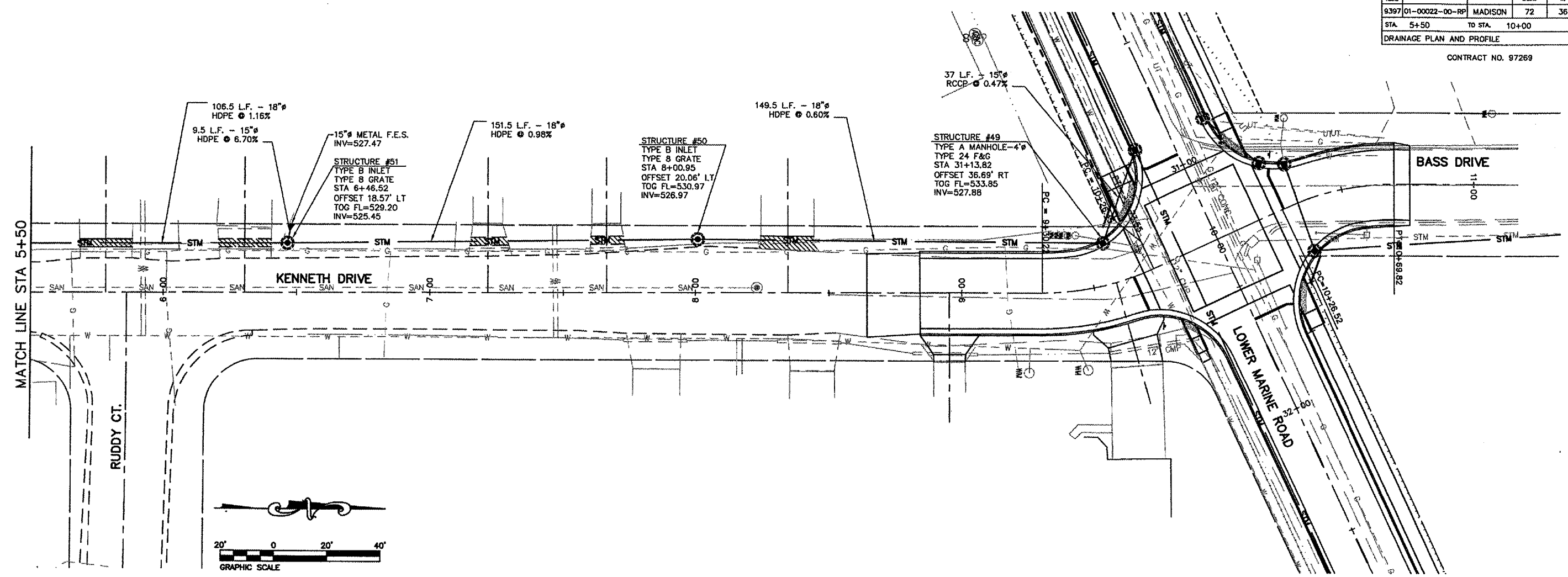
CONTRACT NO. 97269



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TAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9397	01-00022-00-RP	MADISON	72	36
STA. 5+50		TO STA. 10+00		

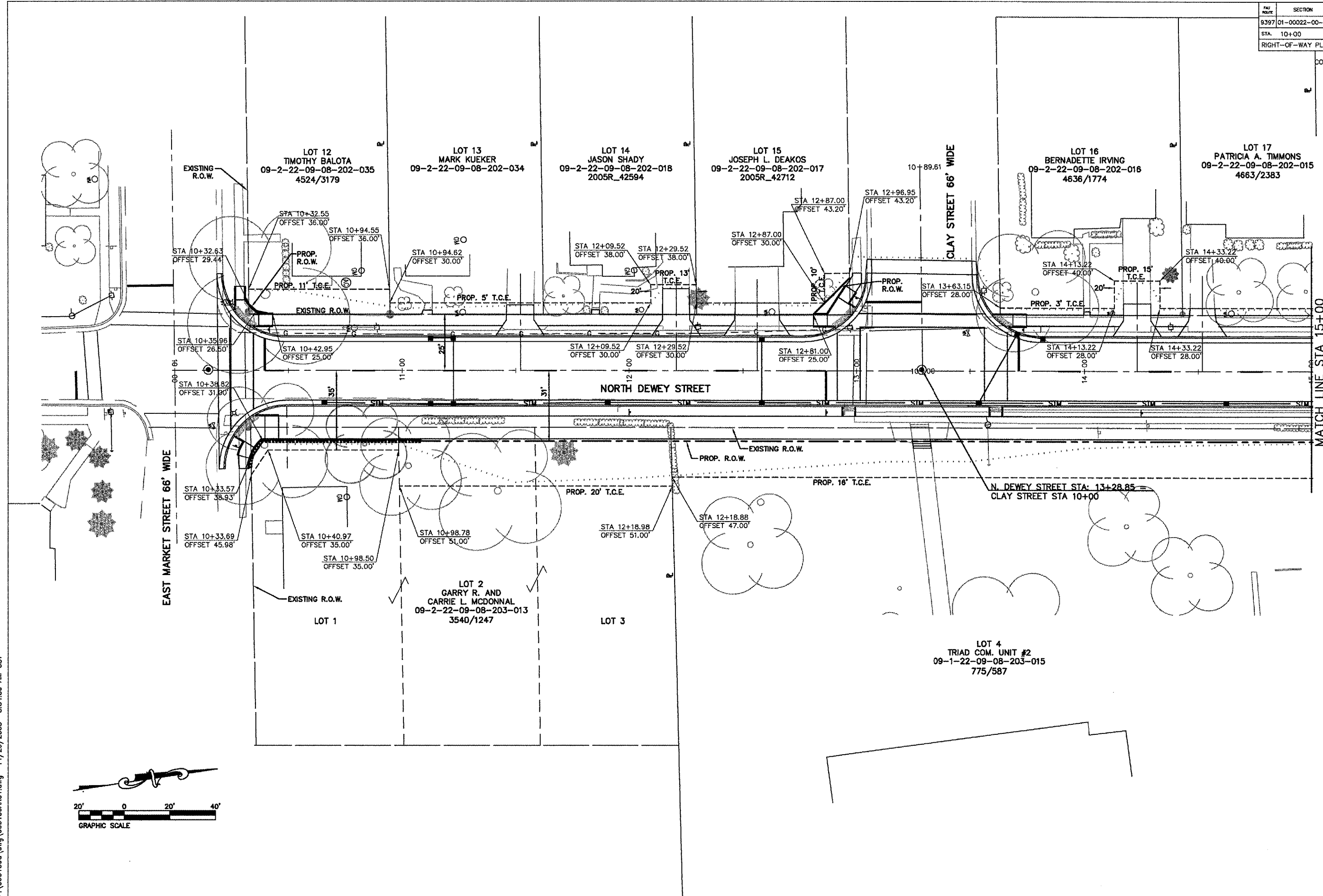
DRAINAGE PLAN AND PROFILE
CONTRACT NO. 97269



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FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
939701-00022-00-RP		MADISON	72	37
STA. 10+00		TO STA. 15+00		
RIGHT-OF-WAY PLAN				

CONTRACT NO. 97269



LOT 12
TIMOTHY BALOTA
09-2-22-09-08-202-035
4524/3179

LOT 13
MARK KUEKER
09-2-22-09-08-202-034

LOT 14
JASON SHADY
09-2-22-09-08-202-018
2005R_42594

LOT 15
JOSEPH L. DEAKOS
09-2-22-09-08-202-017
2005R_42712

LOT 16
BERNADETTE IRVING
09-2-22-09-08-202-016
4636/1774

LOT 17
PATRICIA A. TIMMONS
09-2-22-09-08-202-015
4663/2383

STA 10+32.63
OFFSET 29.44'

STA 10+35.96
OFFSET 26.50'

STA 10+38.82
OFFSET 31.90'

STA 10+33.57
OFFSET 38.93'

STA 10+33.69
OFFSET 45.98'

STA 10+32.55
OFFSET 36.00'

STA 10+94.55
OFFSET 36.00'

STA 10+42.95
OFFSET 25.00'

STA 10+40.97
OFFSET 35.00'

STA 10+98.78
OFFSET 51.00'

STA 10+98.50
OFFSET 35.00'

STA 10+94.62
OFFSET 30.00'

STA 12+09.52
OFFSET 38.00'

STA 12+29.52
OFFSET 38.00'

STA 12+09.52
OFFSET 30.00'

STA 12+29.52
OFFSET 30.00'

STA 12+87.00
OFFSET 30.00'

STA 12+87.00
OFFSET 43.20'

STA 12+96.95
OFFSET 43.20'

STA 13+63.15
OFFSET 28.00'

STA 14+13.22
OFFSET 40.00'

STA 14+33.22
OFFSET 40.00'

STA 14+13.22
OFFSET 28.00'

STA 14+33.22
OFFSET 28.00'

STA 10+33.57
OFFSET 38.93'

STA 10+33.69
OFFSET 45.98'

STA 10+40.97
OFFSET 35.00'

STA 10+98.78
OFFSET 51.00'

STA 10+98.50
OFFSET 35.00'

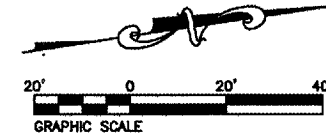
STA 10+98.78
OFFSET 51.00'

STA 12+18.88
OFFSET 47.00'

STA 12+18.98
OFFSET 51.00'

STA 12+18.88
OFFSET 47.00'

LOT 4
TRIAD COM. UNIT #2
09-1-22-09-08-203-015
775/587



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PARL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
B387	01-00022-00-RP	MADISON	72	38
STA. 15+00	TO STA. 20+00			
RIGHT-OF-WAY PLAN				

CONTRACT NO. 97269

LOT 36
DAVID R. AND
SHARON M. SPOTANSKI
09-2-22-09-08-201-015
4034/1155

LOT 21
ROBERT WAYNE
AND CAROL SUE JOHNSON
09-2-22-09-08-201-019
3388/1155

LOT 22
JAMES S. SAHS AND
CHRISTINA L. SAHS
09-2-22-09-08-201-017.001
4394/1175

LOT 23
JAMES S. SAHS AND
CHRISTINA L. SAHS
09-2-22-09-08-201-017
4377/1423

LOT 20
ROBERT STRUCKOFF
09-2-22-09-08-201-020
3887/1771

LOT 19
GRETCHEN PORTER
09-2-22-09-08-201-021
4427/41

LOT 18
MEGAN N. JUDGE
09-2-22-09-08-202-014
4374/1473

LOT 4
TRIAD COM. UNIT #2
09-1-22-09-08-203-015
775/587

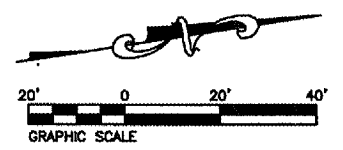
MOLDEN ELEMENTARY SCHOOL

JENNIFER COURT
(TO BE BUILT BY OTHERS)

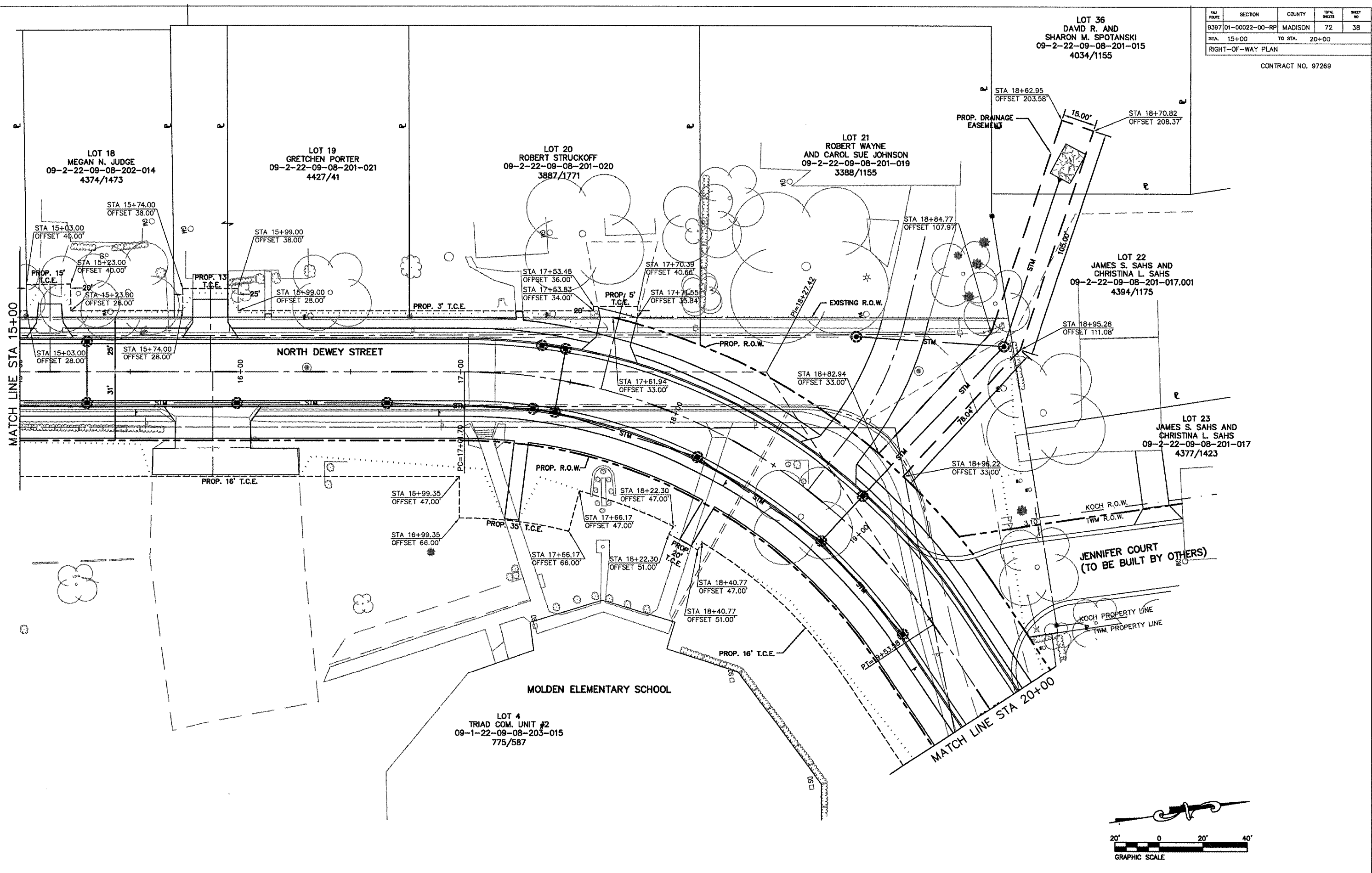
NORTH DEWEY STREET

MATCH LINE STA 15+00

MATCH LINE STA 20+00

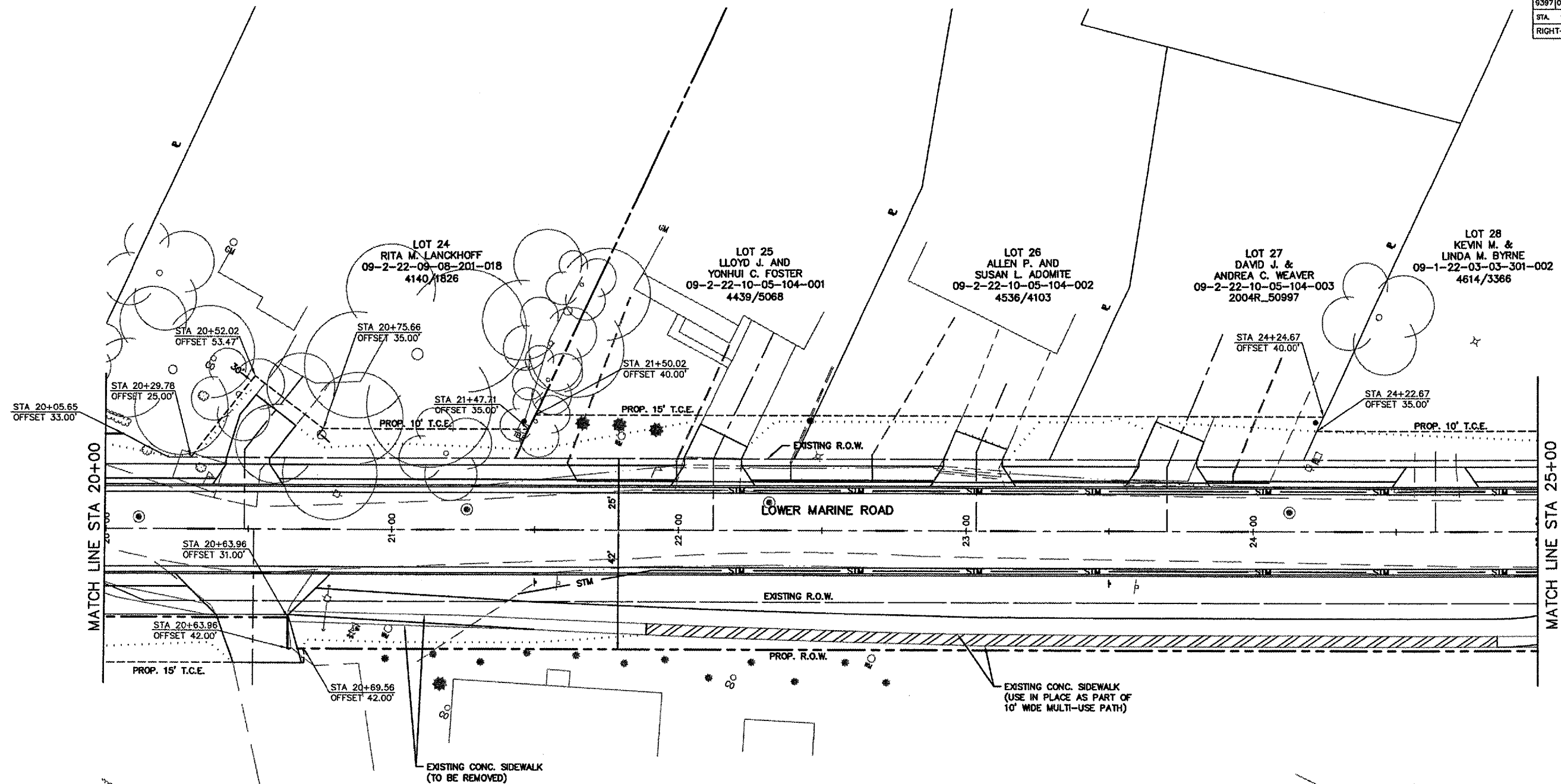


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FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	39
STA. 10+00		TO STA. 15+00		
RIGHT-OF-WAY PLAN				

CONTRACT NO. 97269



MATCH LINE STA 20+00

MATCH LINE STA 25+00

LOWER MARINE ROAD

EXISTING R.O.W.

PROP. R.O.W.

EXISTING CONC. SIDEWALK
(TO BE REMOVED)

EXISTING CONC. SIDEWALK
(USE IN PLACE AS PART OF
10' WIDE MULTI-USE PATH)

LOT 24
RITA M. LANCKHOFF
09-2-22-09-08-201-018
4140/1826

LOT 25
LLOYD J. AND
YONHUI C. FOSTER
09-2-22-10-05-104-001
4439/5068

LOT 26
ALLEN P. AND
SUSAN L. ADOMITE
09-2-22-10-05-104-002
4536/4103

LOT 27
DAVID J. &
ANDREA C. WEAVER
09-2-22-10-05-104-003
2004R_50997

LOT 28
KEVIN M. &
LINDA M. BYRNE
09-1-22-03-03-301-002
4614/3366

LOT 4
TRIAD COM. UNIT #2
09-1-22-09-08-203-015
775/587

STA 20+52.02
OFFSET 53.47'

STA 20+75.66
OFFSET 35.00'

STA 21+50.02
OFFSET 40.00'

STA 24+24.67
OFFSET 40.00'

STA 24+22.67
OFFSET 35.00'

STA 20+05.65
OFFSET 33.00'

STA 20+29.78
OFFSET 25.00'

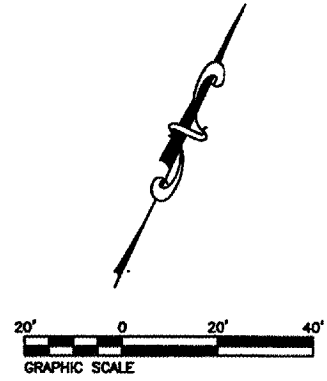
STA 21+47.71
OFFSET 35.00'

STA 20+63.96
OFFSET 31.00'

STA 20+63.86
OFFSET 42.00'

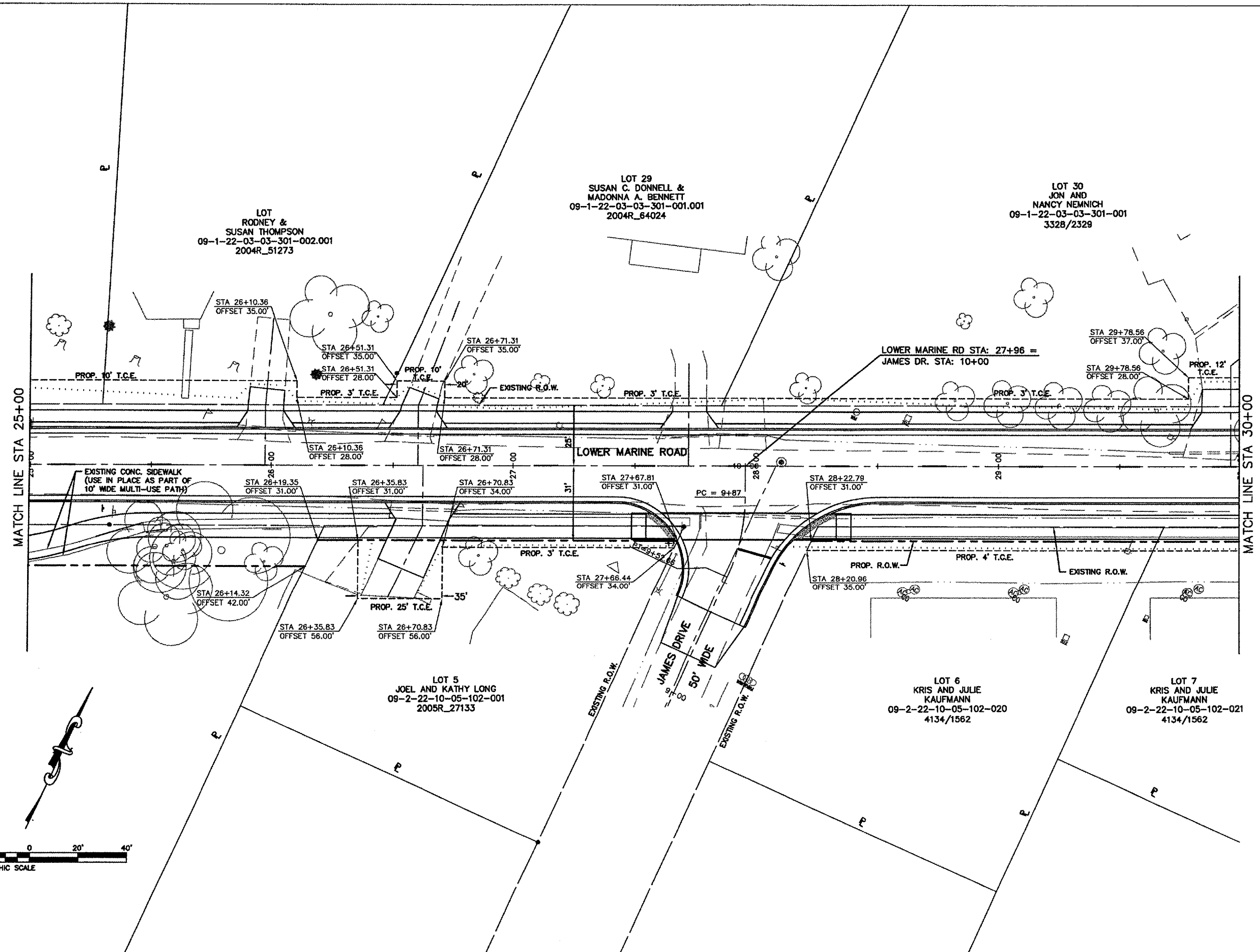
STA 20+69.56
OFFSET 42.00'

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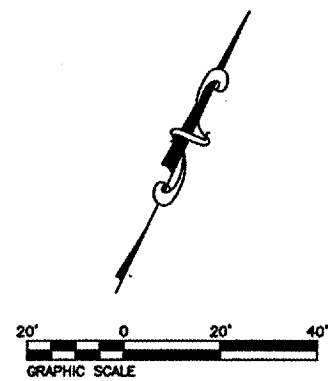


FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	40
STA. 25+00		TO STA. 30+00		
RIGHT-OF-WAY PLAN				

CONTRACT NO. 97269

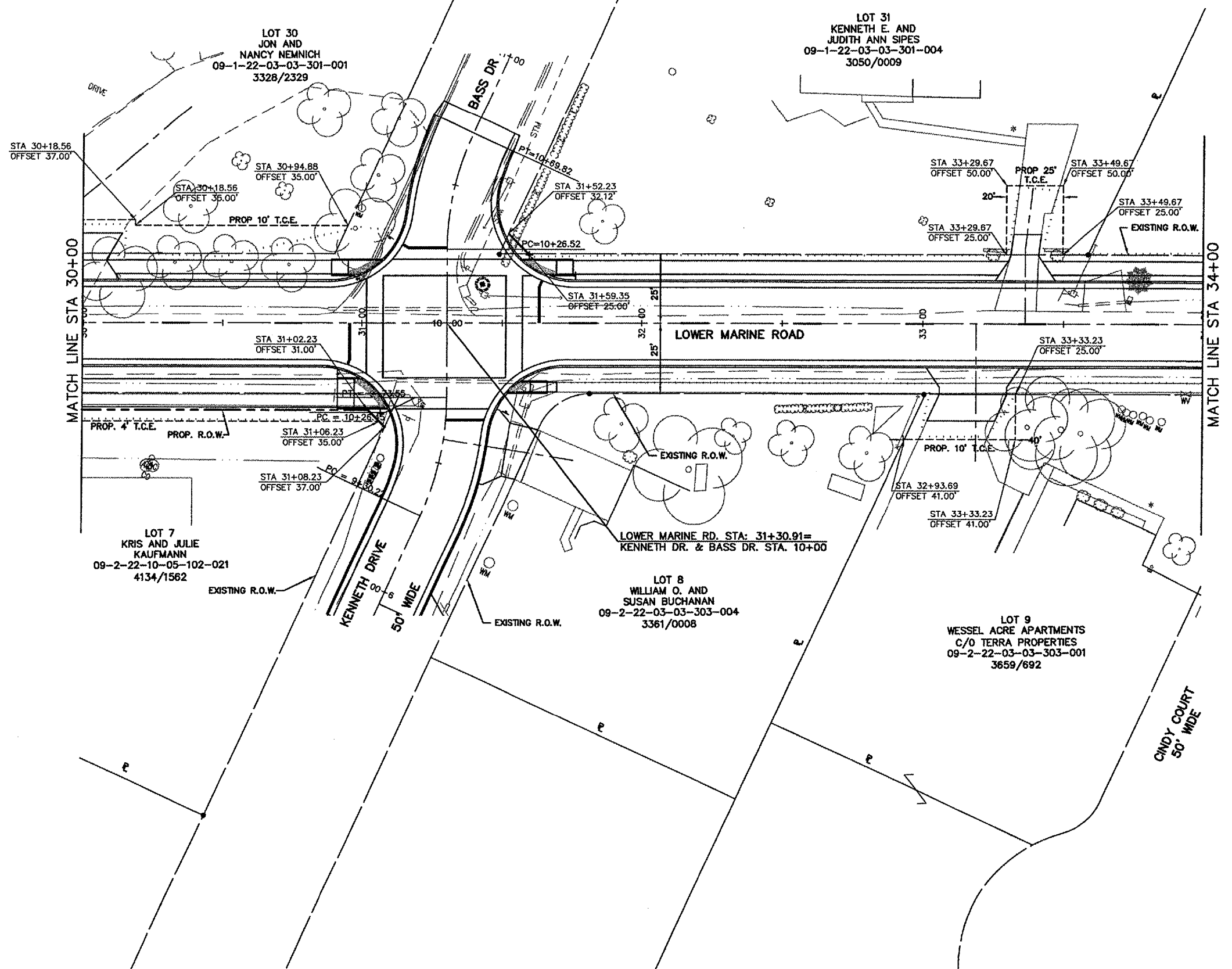


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FW	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9397	01-00022-00-RP	MADISON	72	41
STA. 30+00		TO STA. 34+00		
RIGHT-OF-WAY PLAN				

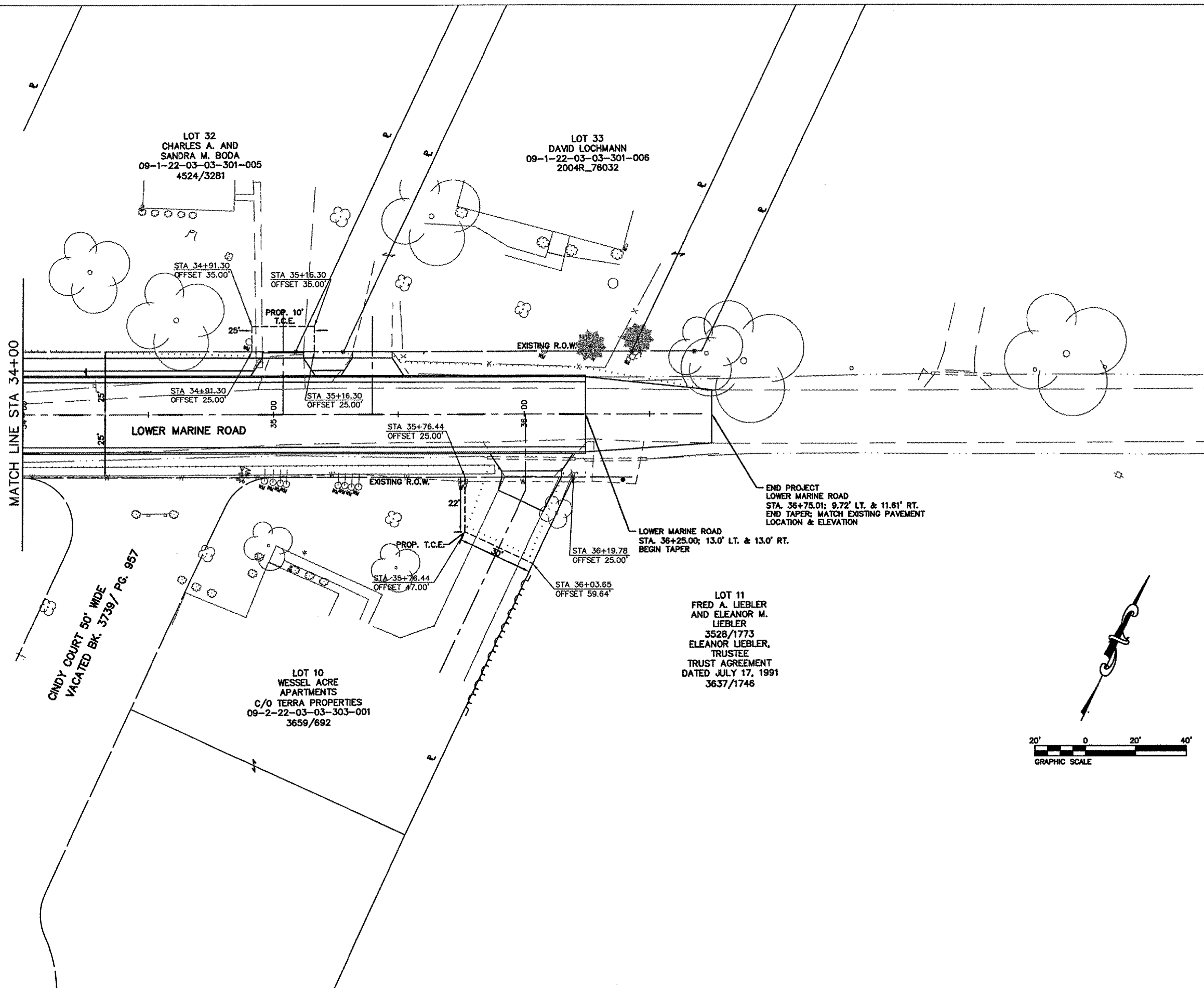
CONTRACT NO. 97269



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FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9.397	01-00022-00-RP	MADISON	72	42
STA. 34+00		TO STA. 36+75		
RIGHT-OF-WAY PLAN				

CONTRACT NO. 97269



MATCH LINE STA 34+00

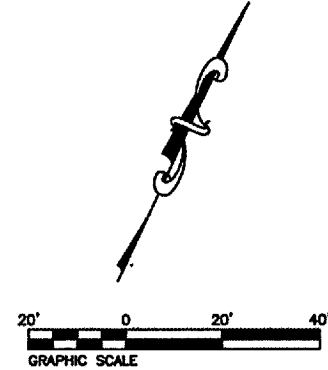
CINDY COURT 50' WIDE
VACATED BK. 3739 / PG. 957

LOT 32
CHARLES A. AND
SANDRA M. BODA
09-1-22-03-03-301-005
4524/3281

LOT 33
DAVID LOCHMANN
09-1-22-03-03-301-006
2004R_76032

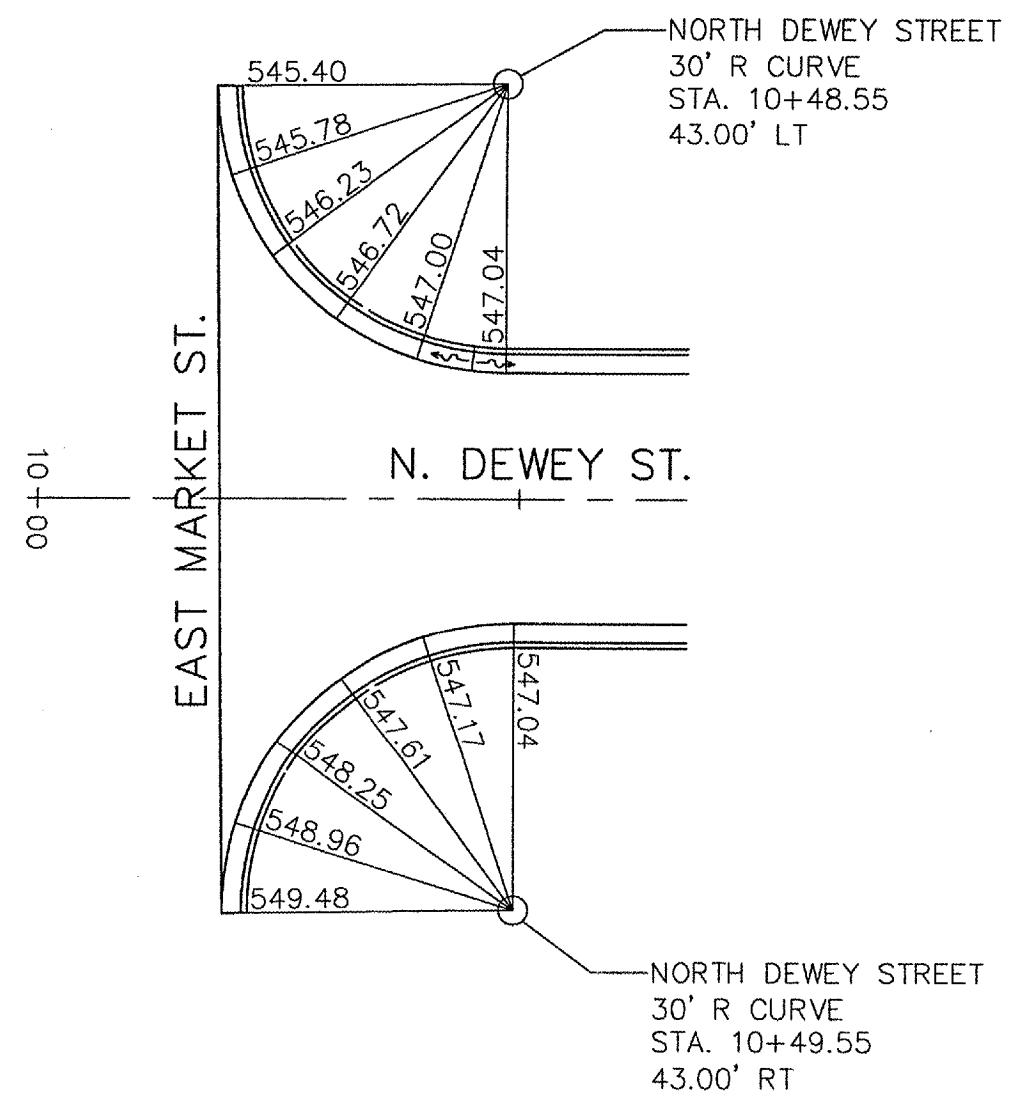
LOT 10
WESSEL ACRE
APARTMENTS
C/O TERRA PROPERTIES
09-2-22-03-03-303-001
3659/692

LOT 11
FRED A. LIEBLER
AND ELEANOR M.
LIEBLER
3528/1773
ELEANOR LIEBLER,
TRUSTEE
TRUST AGREEMENT
DATED JULY 17, 1991
3637/1746



FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	43

CONTRACT NO. 97269



NOTE: ALL ELEVATIONS ARE GIVEN AT THE EDGE OF PAVEMENT.

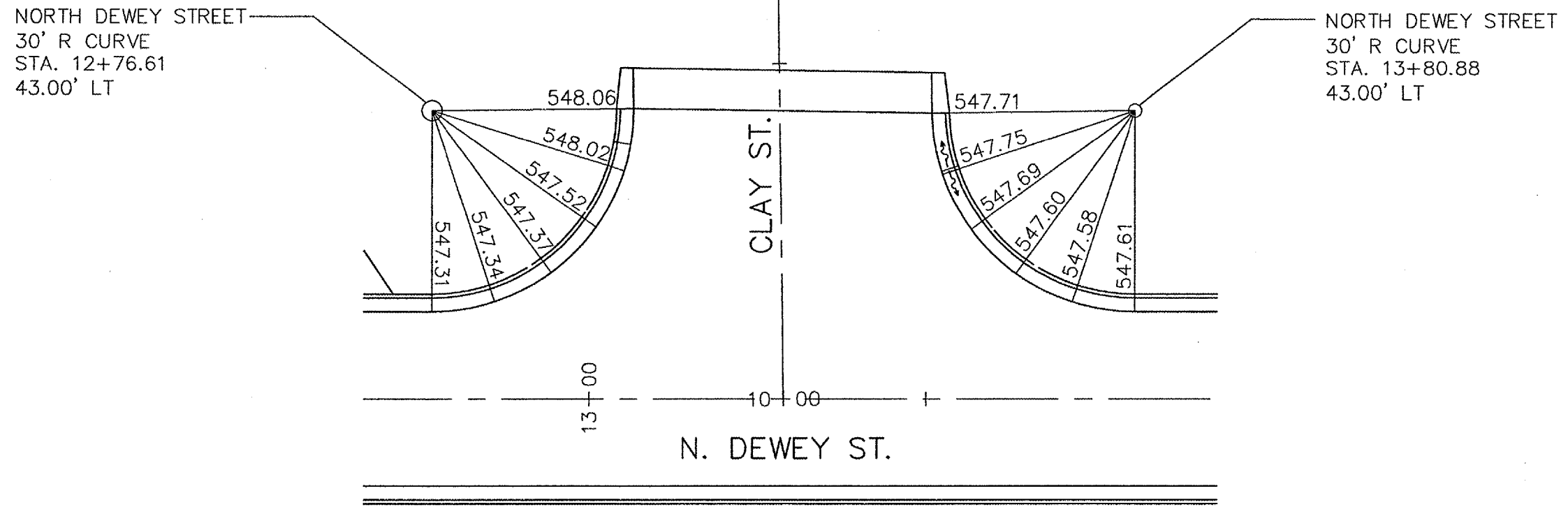
REVISIONS	
NAME	DATE

INTERSECTION DETAIL

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

PRI NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9397	01-00022-00-RP	MADISON	72	44

CONTRACT NO. 97269



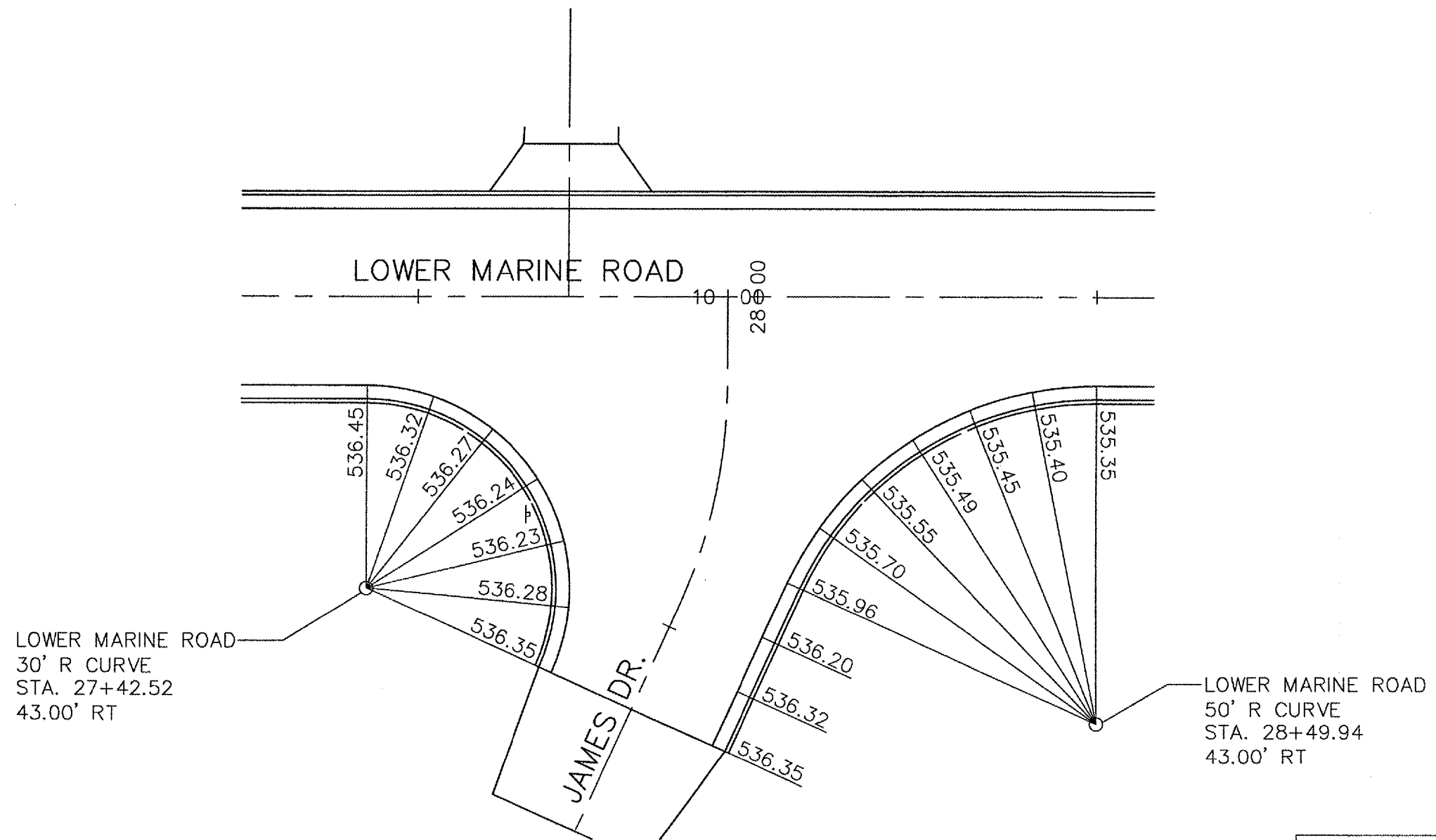
NOTE: ALL ELEVATIONS ARE GIVEN AT THE EDGE OF PAVEMENT.

REVISIONS	
NAME	DATE

INTERSECTION DETAIL
 LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

P&H NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	45

CONTRACT NO. 97269



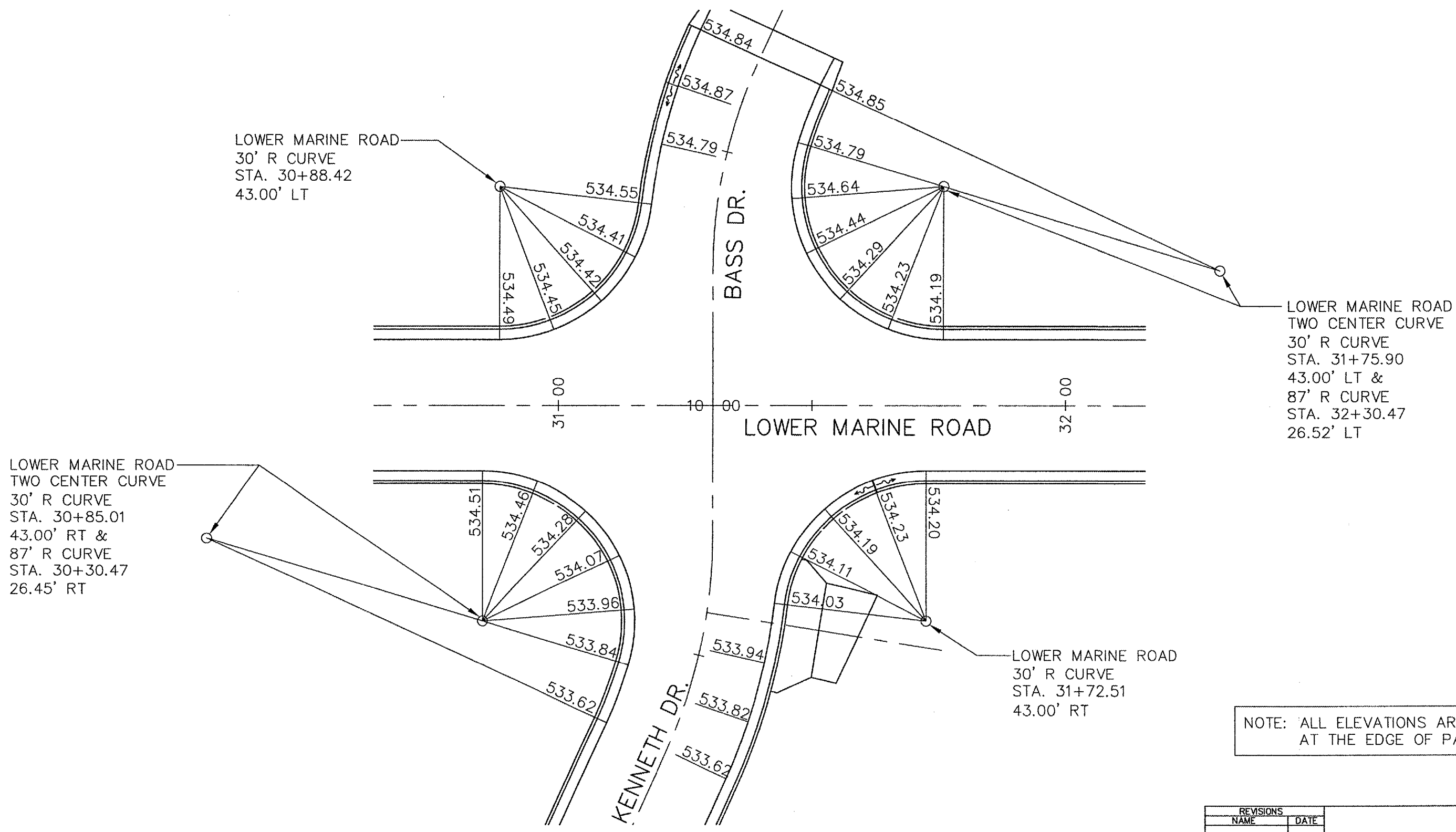
NOTE: ALL ELEVATIONS ARE GIVEN AT THE EDGE OF PAVEMENT.

REVISIONS	
NAME	DATE

INTERSECTION DETAIL
 LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397 01-00022-00-RP		MADISON	72	46

CONTRACT NO. 97269



LOWER MARINE ROAD
30' R CURVE
STA. 30+88.42
43.00' LT

LOWER MARINE ROAD
TWO CENTER CURVE
30' R CURVE
STA. 31+75.90
43.00' LT &
87' R CURVE
STA. 32+30.47
26.52' LT

LOWER MARINE ROAD
TWO CENTER CURVE
30' R CURVE
STA. 30+85.01
43.00' RT &
87' R CURVE
STA. 30+30.47
26.45' RT

LOWER MARINE ROAD
30' R CURVE
STA. 31+72.51
43.00' RT

NOTE: ALL ELEVATIONS ARE GIVEN AT THE EDGE OF PAVEMENT.

REVISIONS	
NAME	DATE

INTERSECTION DETAIL

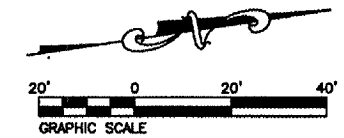
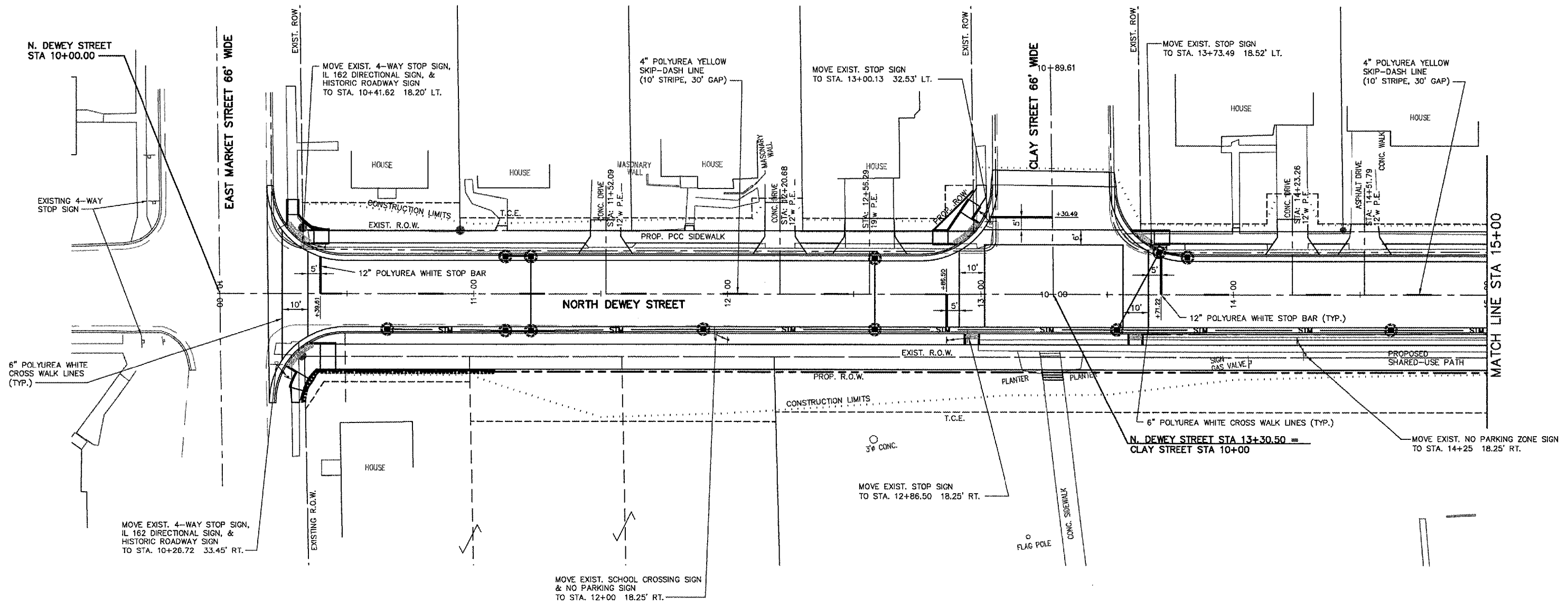
LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

PAV. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	47
STA. 10+00		TO STA. 15+00		

PAVEMENT MARKING & SIGNAGE

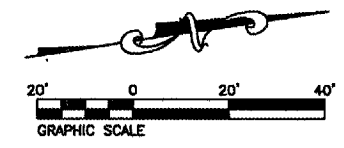
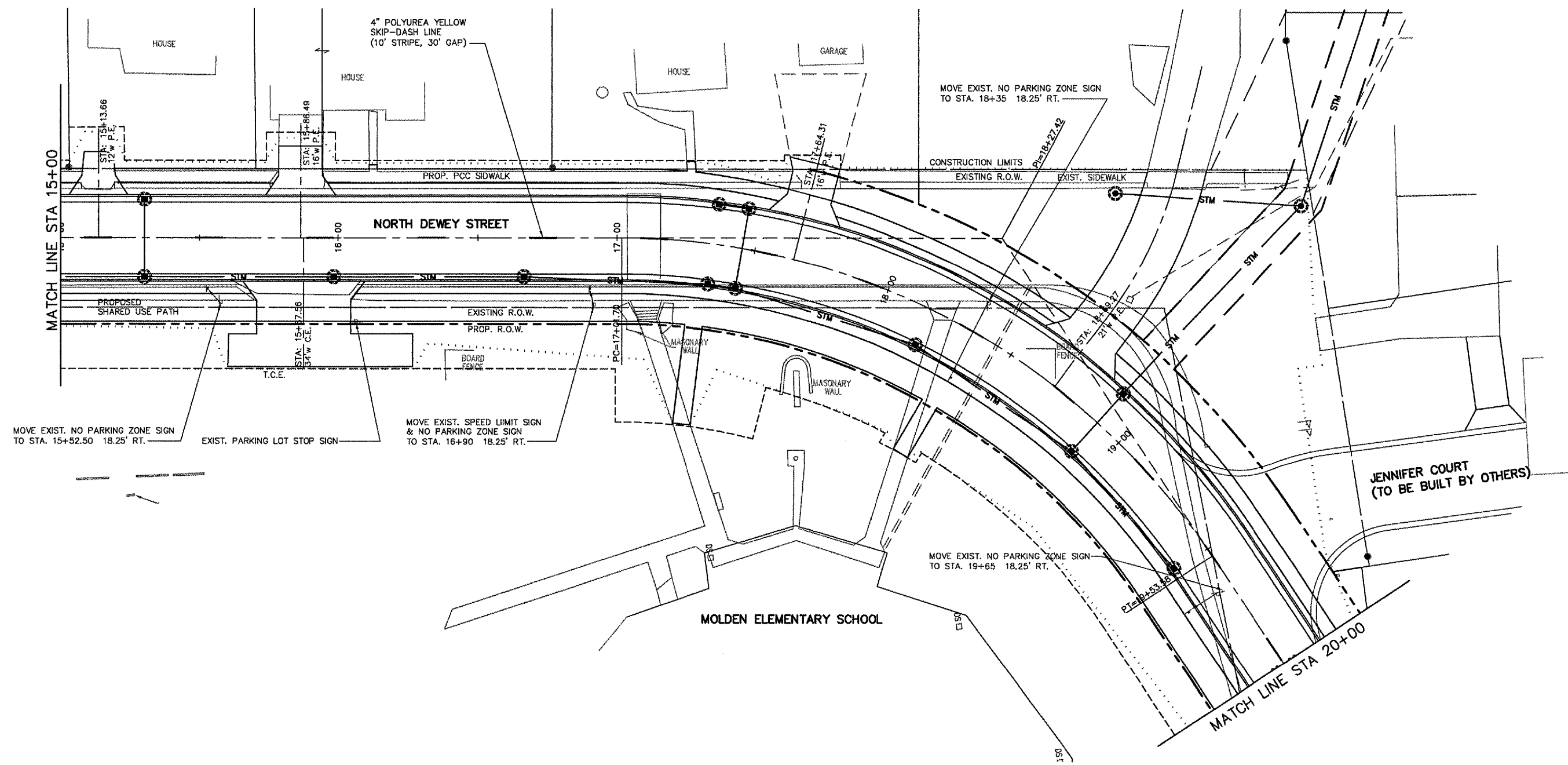
CONTRACT NO. 97269

PA\000139a\dwg\000139AN01.dwg 12/9/2005 14:56 PM CST



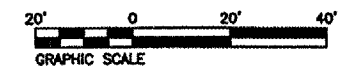
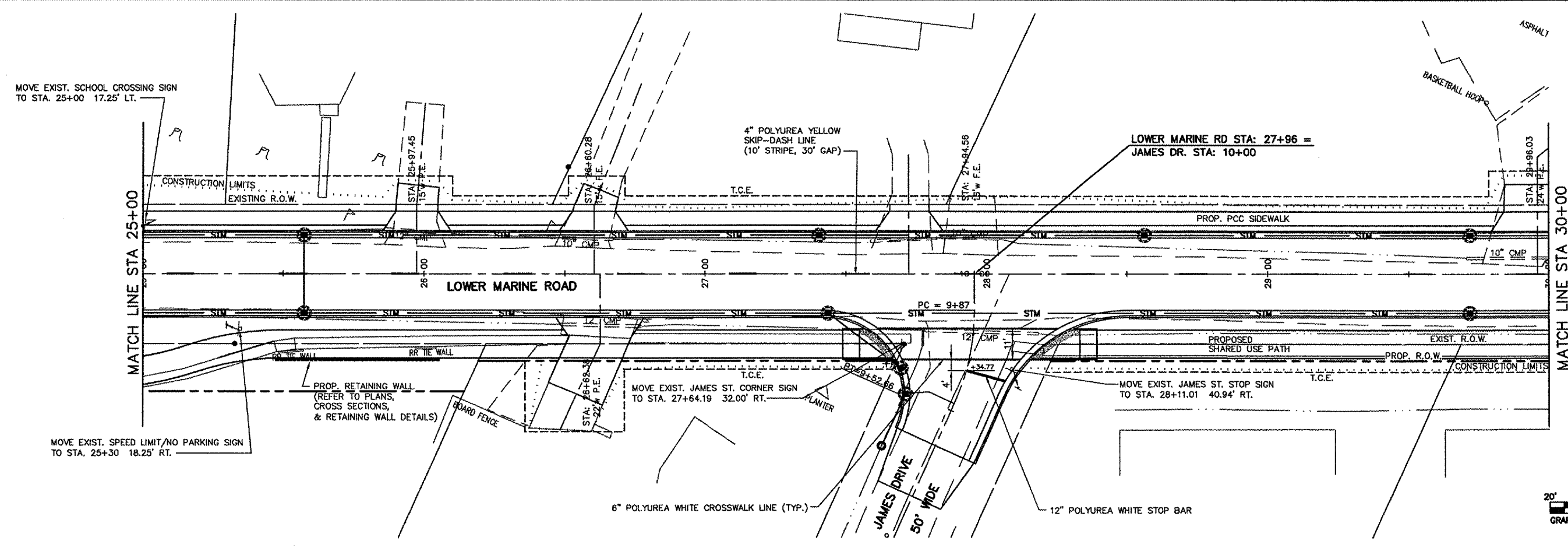
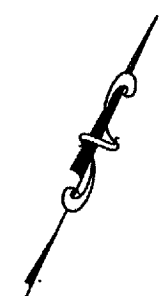
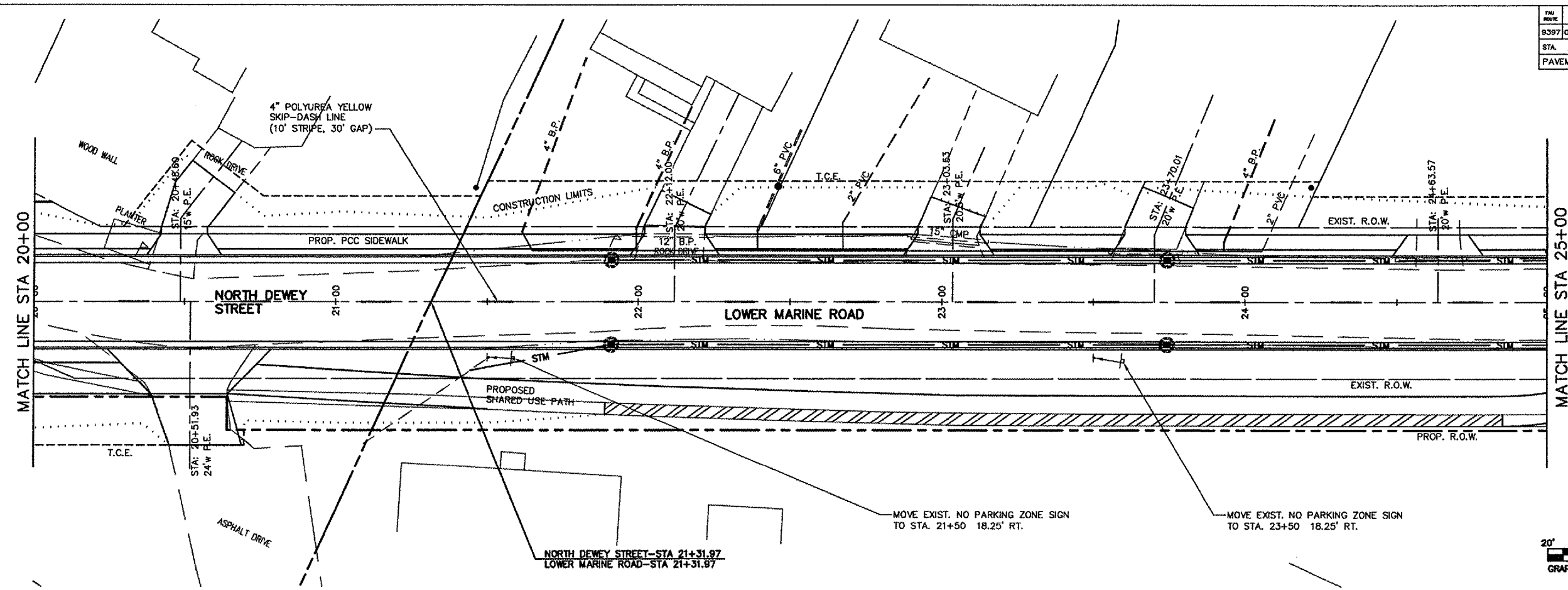
FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	48
STA. 15+00		TO STA. 20+00		
PAVEMENT MARKING & SIGNAGE				

CONTRACT NO. 97269



PAV. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-0022-00-RP	MADISON	72	49
STA. 20+00		TO STA. 30+00		
PAVEMENT MARKING & SIGNAGE				

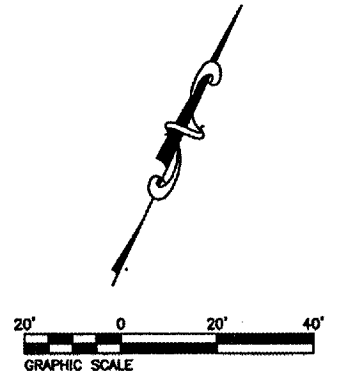
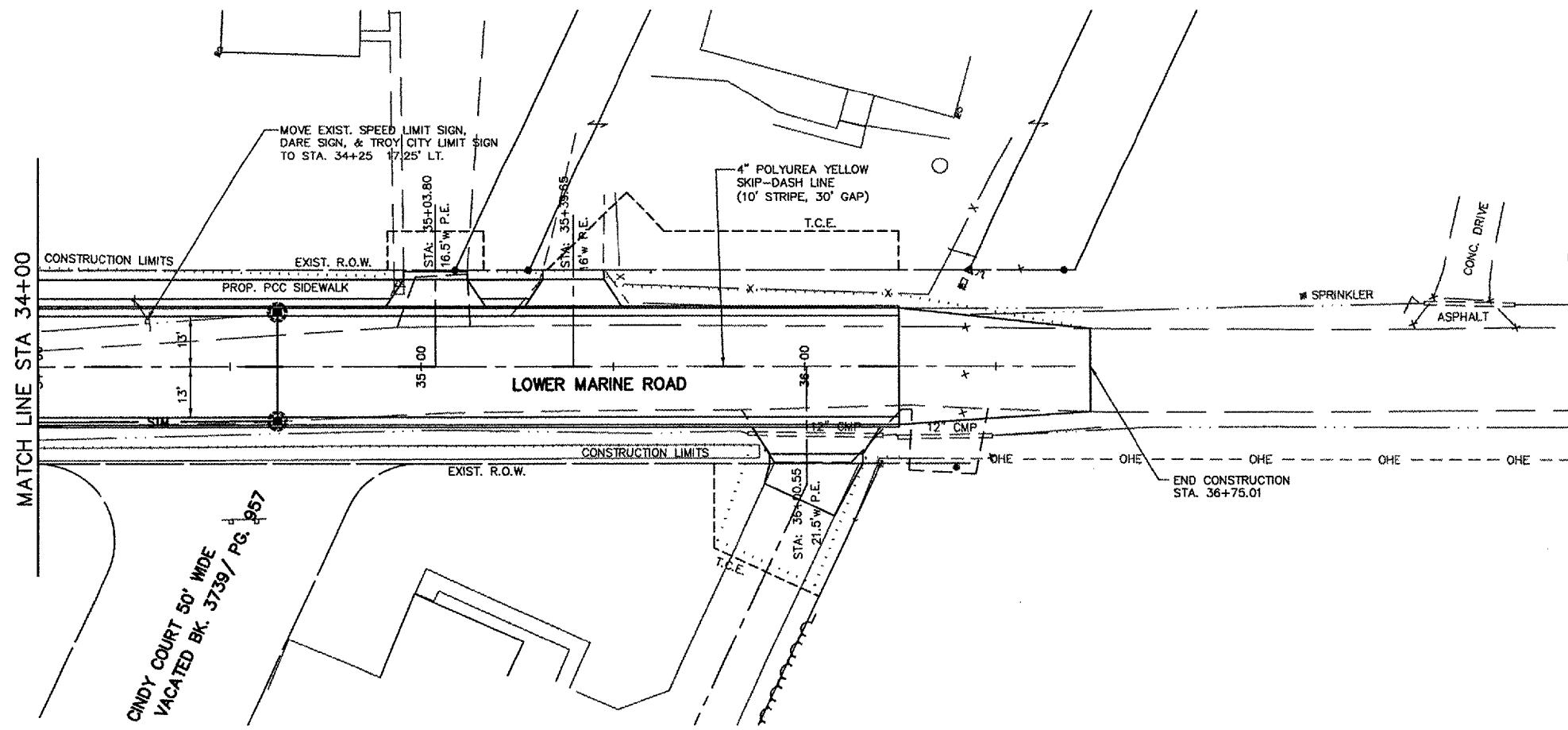
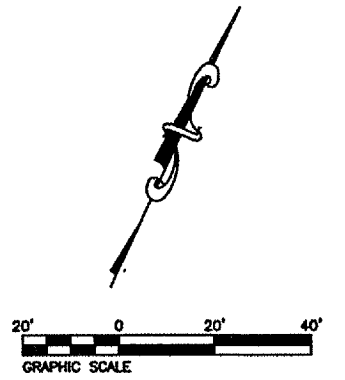
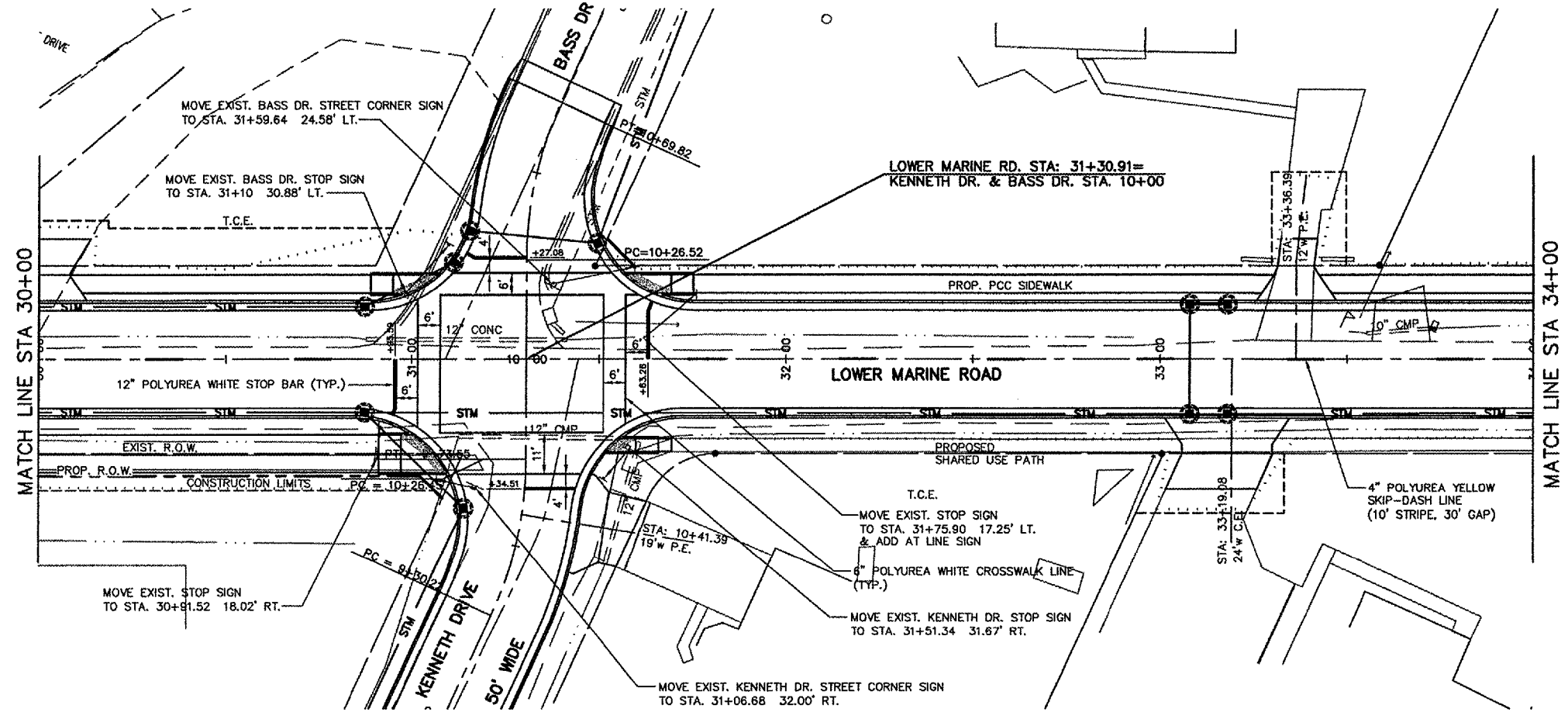
CONTRACT NO. 97269



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FILE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8397	01-00022-00-RP	MADISON	72	50
STA. 30+00		TO STA. 36+75.01		
PAVEMENT MARKING & SIGNAGE				

CONTRACT NO. 97269



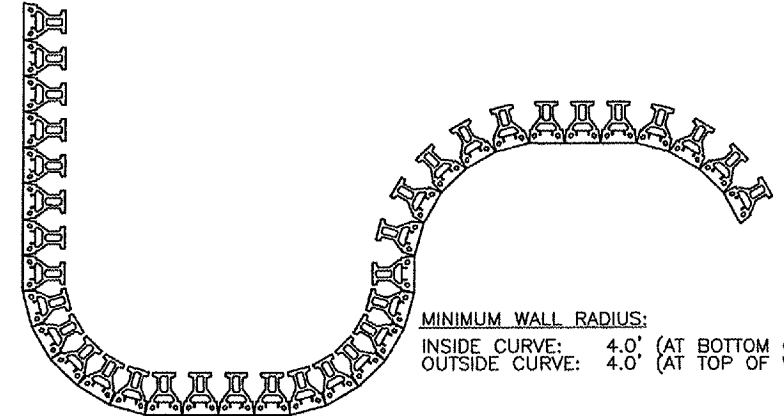
P:\000139a\dwg\000139A\04.dwg 12/9/2005 2:17:21 PM CST

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	51
STA.		TO STA.		

CONTRACT NO. 97269

NOTE:

- CHECK WITH MANUFACTURER SPECIFICATIONS ON CORRECT BACKFILL PROCEDURE.



MINIMUM WALL RADIUS:
 INSIDE CURVE: 4.0' (AT BOTTOM OF WALL)
 OUTSIDE CURVE: 4.0' (AT TOP OF WALL)

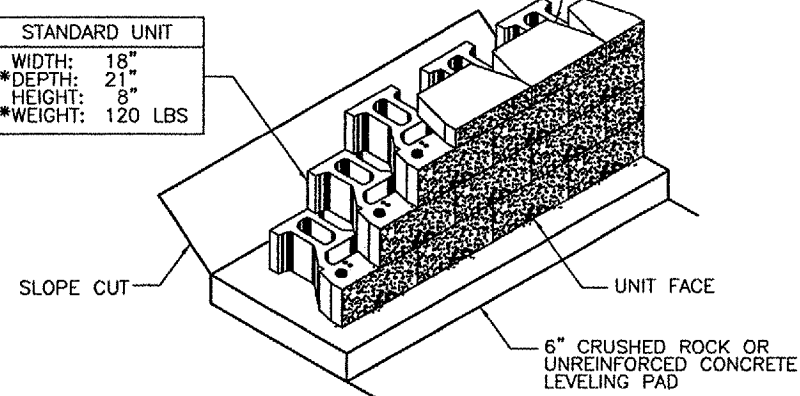
WALL INSTALLATION ON CURVES
N.T.S.

BASE LEVELING PAD NOTES:

- THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED STONE OR 2,000 PSI± UNREINFORCED CONCRETE.
- THE BASE FOUNDATION IS TO BE APPROVED BY THE SITE RESIDENT ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD.

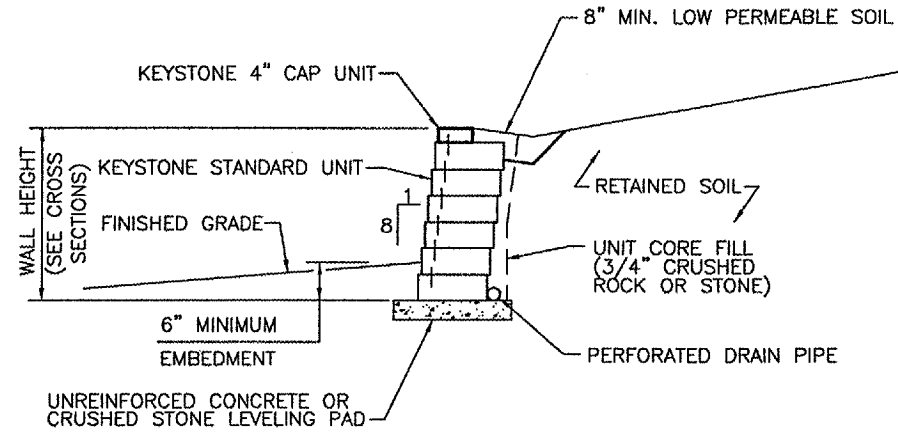
STANDARD UNIT
 WIDTH: 18"
 *DEPTH: 21"
 HEIGHT: 8"
 *WEIGHT: 120 LBS

MINI CAP UNIT
 WIDTH: 18"
 *DEPTH: 10"
 HEIGHT: 4"
 *WEIGHT: 50 LBS

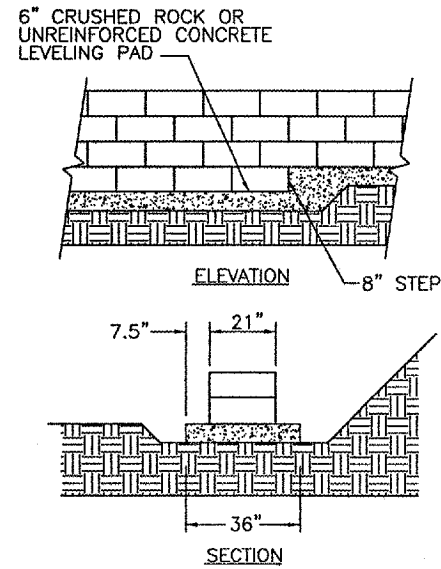


STANDARD UNIT/BASE PAD ISOMETRIC VIEW
N.T.S.

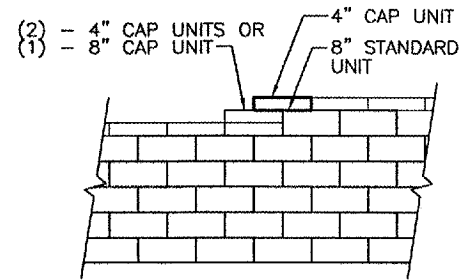
*DIMENSIONS & WEIGHT MAY VARY BY REGION



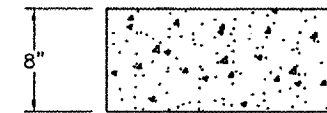
TYPICAL GRAVITY WALL SECTION
STANDARD UNIT - 1" MINIMUM SETBACK



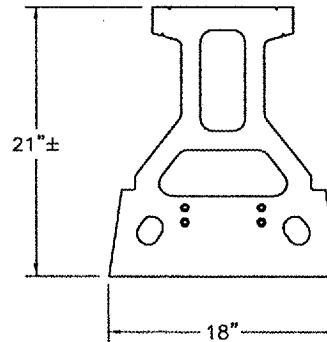
LEVELING PAD DETAIL
N.T.S.



TOP OF WALL STEPS
N.T.S.



STANDARD ELEVATION



STANDARD PLAN
STANDARD UNIT
N.T.S.

REVISIONS	
NAME	DATE

RETAINING WALL
 DETAILS
 (STANDARD UNIT)
 LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

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PROJECT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9397	01-00022-00-RP	MADISON	72	52
STA.	TO STA.			

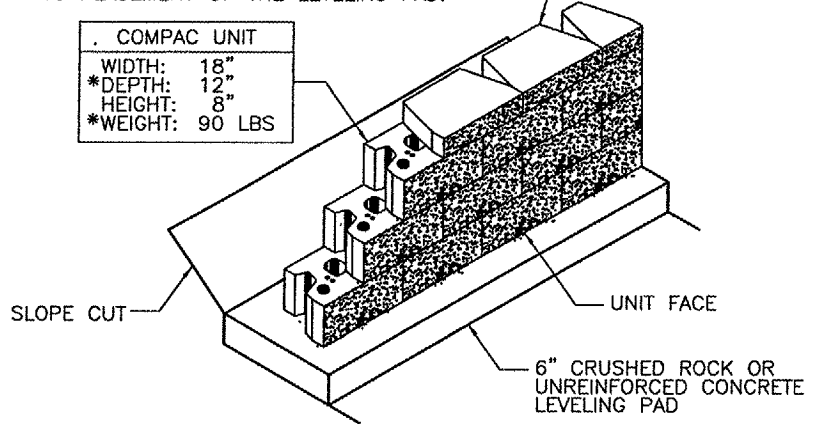
CONTRACT NO. 97269

BASE LEVELING PAD NOTES:

1. THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED STONE OR 2,000 PSI± UNREINFORCED CONCRETE.
2. THE BASE FOUNDATION IS TO BE APPROVED BY THE SITE RESIDENT ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD.

COMPAC UNIT
 WIDTH: 18"
 *DEPTH: 12"
 HEIGHT: 8"
 *WEIGHT: 90 LBS

MINI CAP UNIT
 WIDTH: 18"
 *DEPTH: 10"
 HEIGHT: 4"
 *WEIGHT: 50 LBS



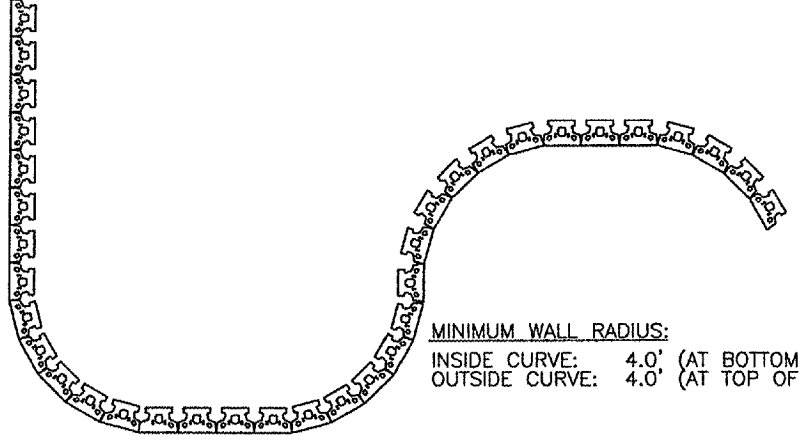
COMPAC UNIT/BASE PAD ISOMETRIC VIEW

N.T.S.

*DIMENSIONS & WEIGHT MAY VARY BY REGION

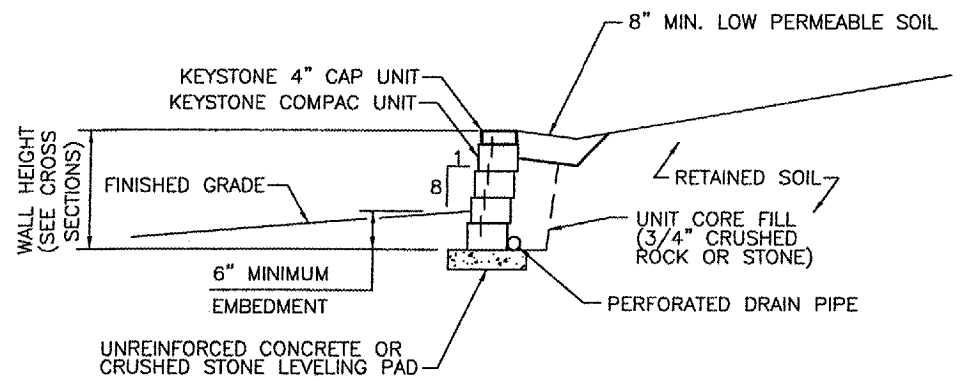
NOTE:

1. CHECK WITH MANUFACTURER SPECIFICATIONS ON CORRECT BACKFILL PROCEDURE.



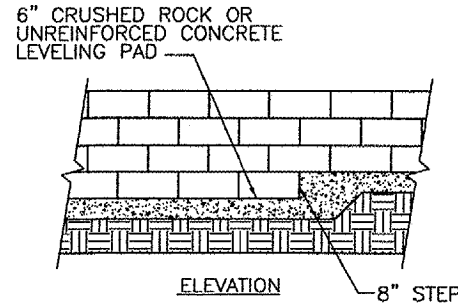
WALL INSTALLATION ON CURVES

N.T.S.

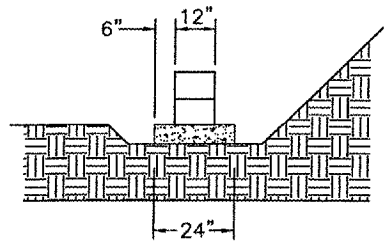


TYPICAL GRAVITY WALL SECTION

COMPAC UNIT - 1" MINIMUM SETBACK



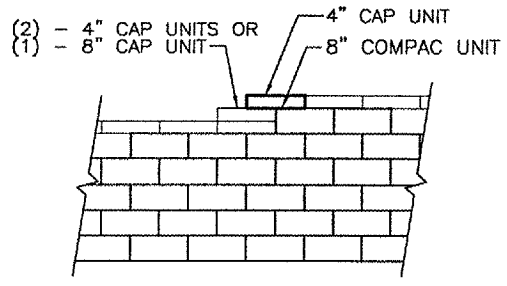
ELEVATION



SECTION

LEVELING PAD DETAIL

N.T.S.

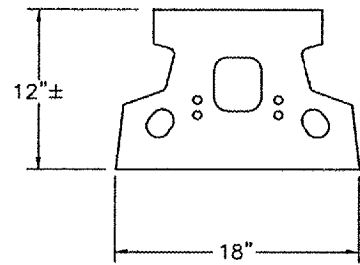


TOP OF WALL STEPS

N.T.S.



COMPAC ELEVATION



COMPAC PLAN

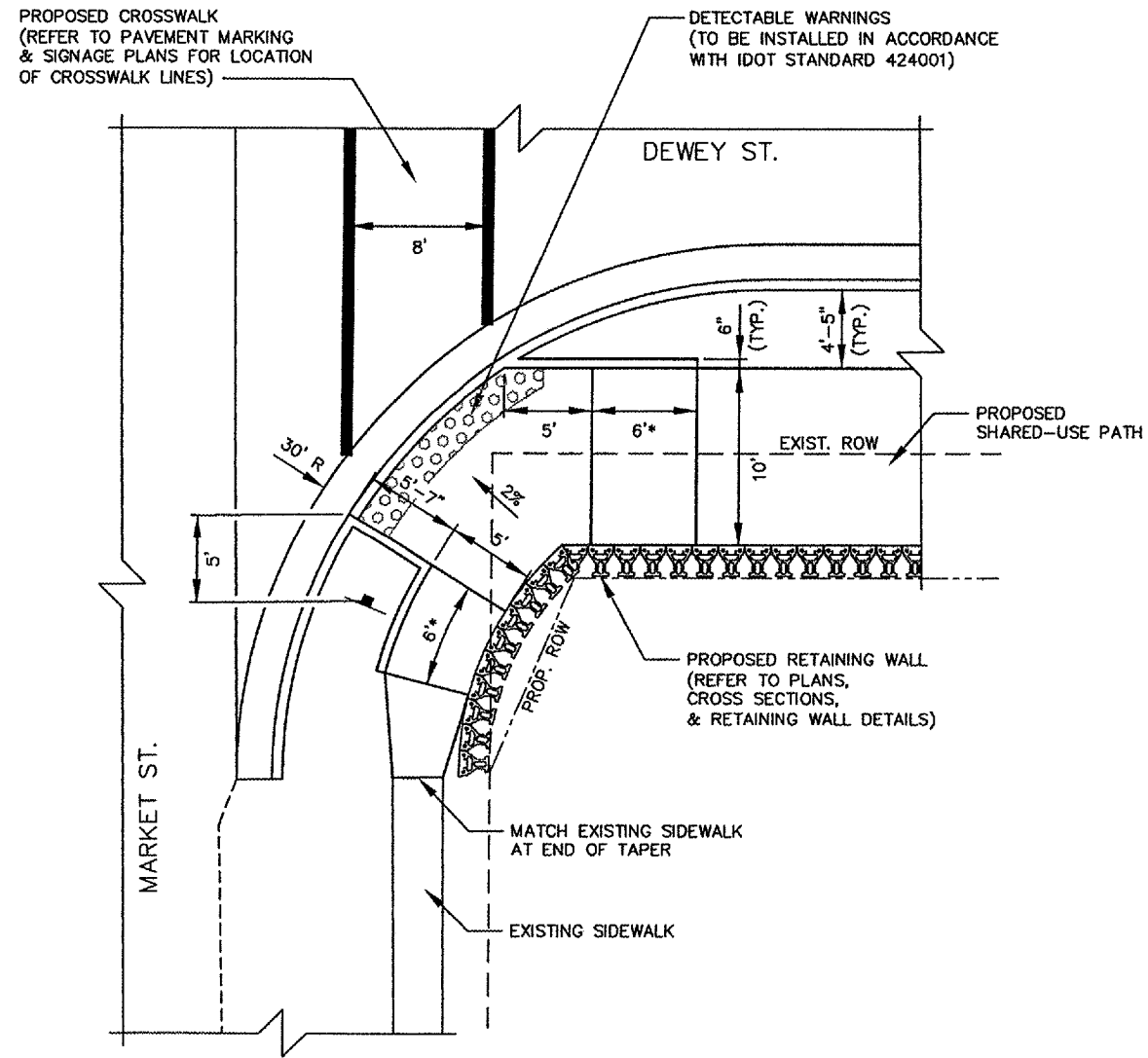
COMPAC UNIT

N.T.S.

REVISIONS	
NAME	DATE

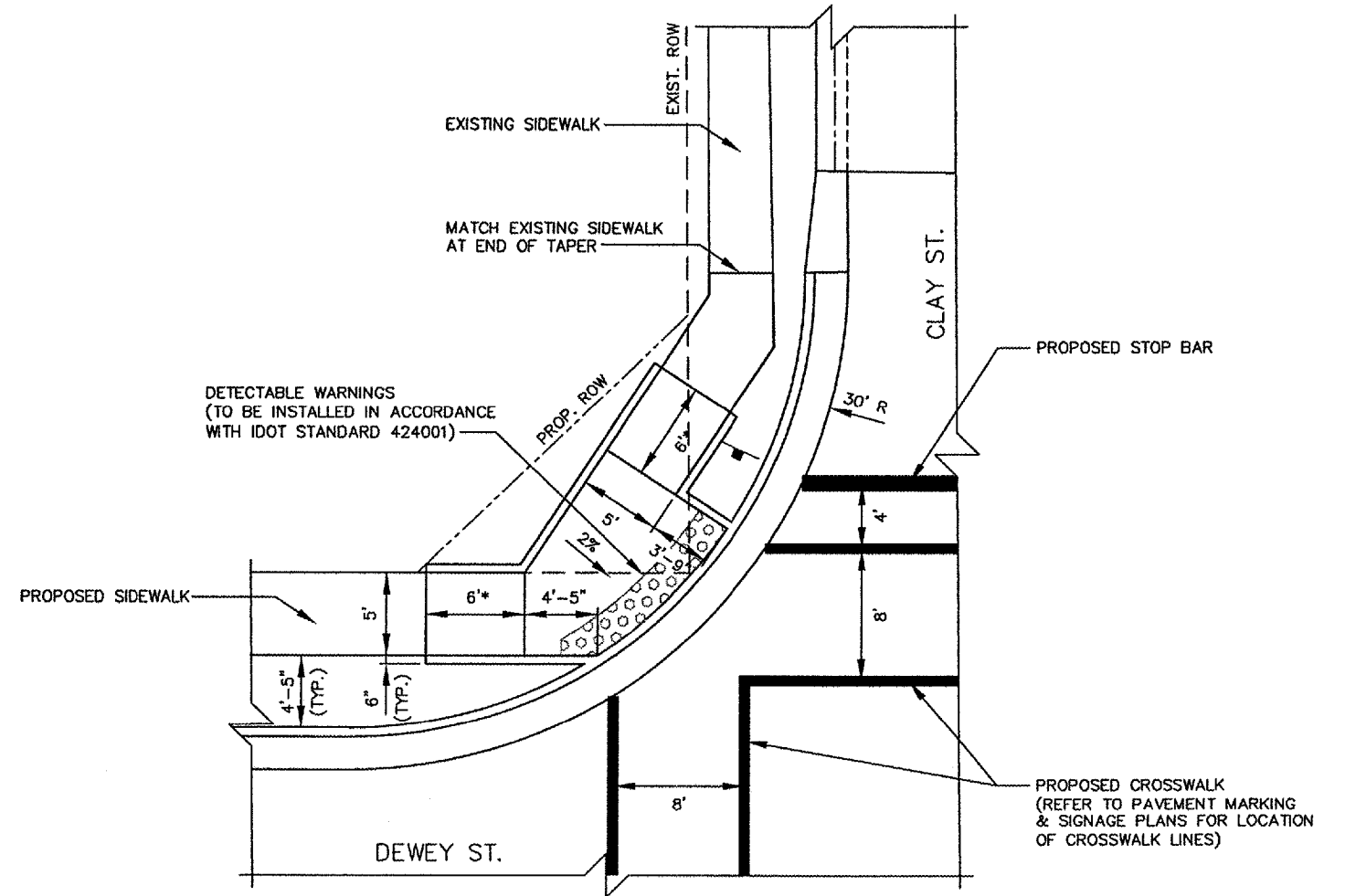
RETAINING WALL
 DETAILS
 (COMPAC UNIT)
 LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

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*RAMP SLOPES SHALL BE 1" PER FOOT (MAXIMUM).

SIDEWALK RAMP DETAIL
CORNER OF DEWEY ST. & MARKET ST.
 N.T.S.



*RAMP SLOPES SHALL BE 1" PER FOOT (MAXIMUM).

SIDEWALK RAMP DETAIL
CORNER OF DEWEY ST. & CLAY ST.
 N.T.S.

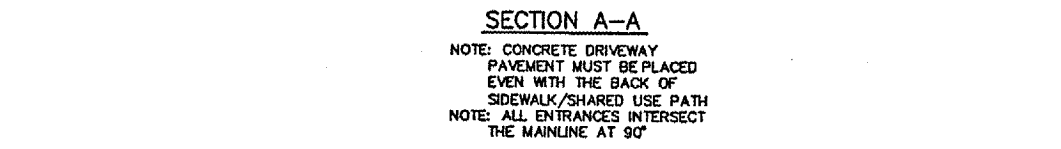
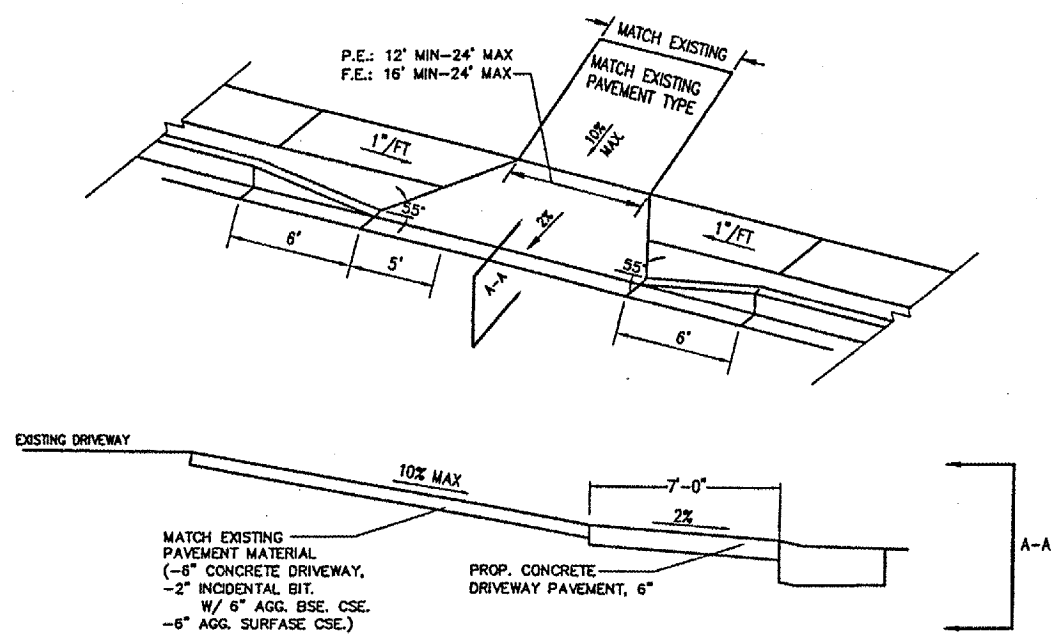
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REVISIONS	
NAME	DATE

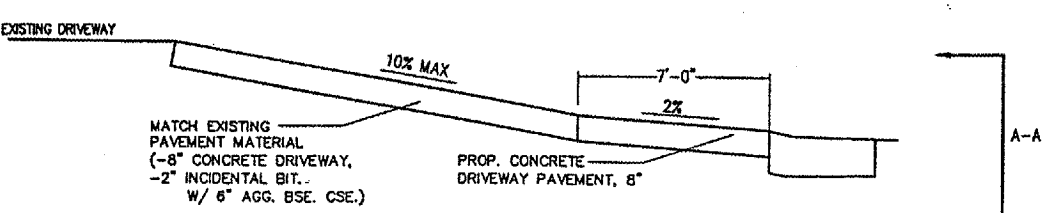
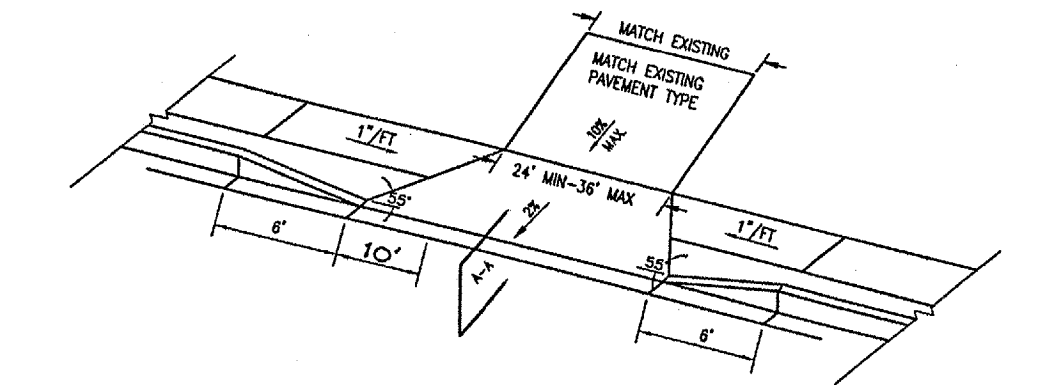
MISCELLANEOUS
 DETAILS

LOWER MARINE ROAD IMPROVEMENTS
 CITY OF TROY
 MADISON COUNTY, ILLINOIS

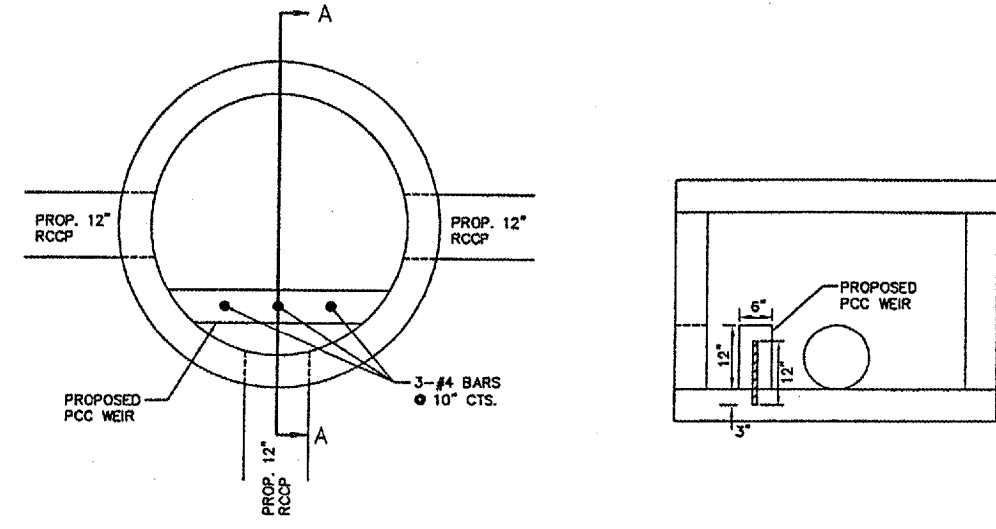
CONTRACT NO. 97269



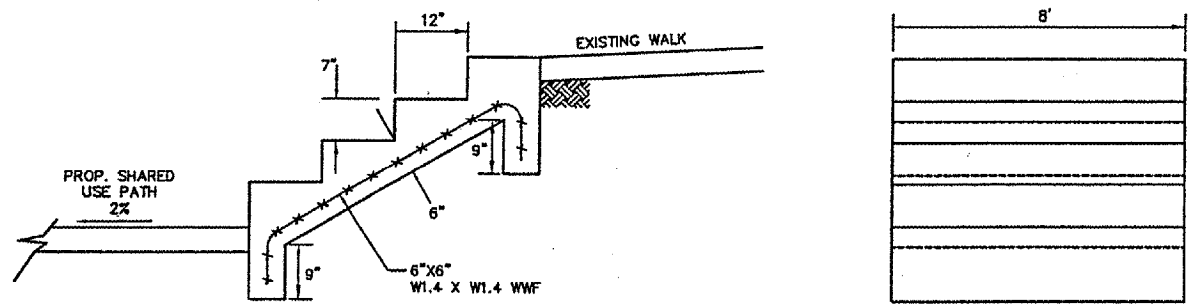
PRIVATE/FIELD ENTRANCE
N.T.S.



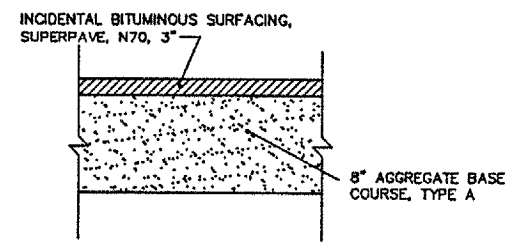
COMMERCIAL ENTRANCE
N.T.S.



**MANHOLES, SPECIAL, 4' Ø,
TYPE 24 FRAME AND GRATE
STA 25+58.38 LT
N.T.S.**



CONCRETE STEPS
N.T.S.



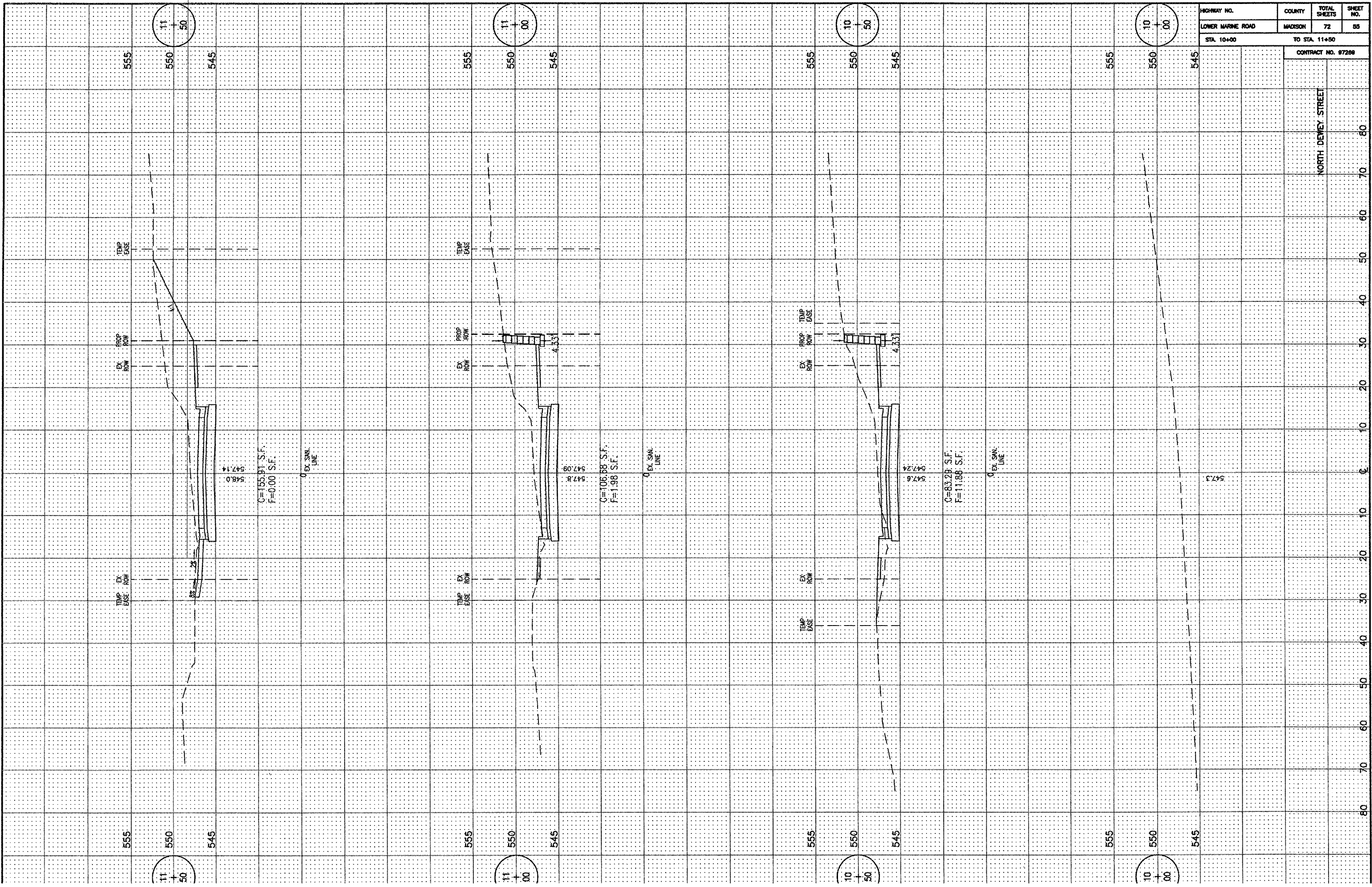
**BITUMINOUS PAVEMENT
(INCIDENTAL BITUMINOUS SURFACING)**
LOWER MARINE ROAD: STA 36+25 TO STA 36+75
CLAY STREET: STA 10+42.97 TO STA 10+48.97
JAMES DRIVE: STA 9+16.61 TO STA 9+36.61
BASS DRIVE: STA 10+69.82 TO STA 10+75.82
KENNETH DRIVE: STA 8+64.33 TO STA 8+84.33

REVISIONS	
NAME	DATE

**MISCELLANEOUS
DETAILS**

LOWER MARINE ROAD IMPROVEMENTS
CITY OF TROY
MADISON COUNTY, ILLINOIS

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HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	55
STA. 10+00	TO STA. 11+50		

CONTRACT NO. 97289

NORTH DEWEY STREET

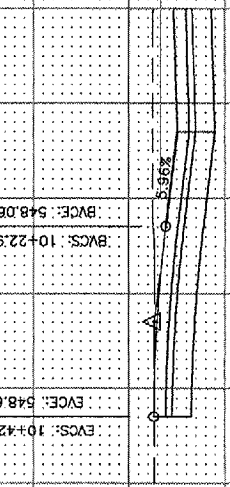
547.3

PVI STA. = 10+32.95
 PVI ELEV. = 548.86
 A.D. = -5.66
 K = 3.33
 20,000' VC

EVCS: 10+42.95
 BVCS: 10+22.95
 ELEV: 548.69
 BVC: 548.06

13
28.85

13
28.85



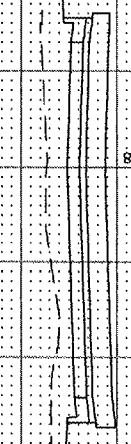
555
550
545

13
00

13
00

C=107.93 S.F.
 F=0.00 S.F.
 548.6
 547.58

EX. ROW
PROP. ROW
TEMP. EASE



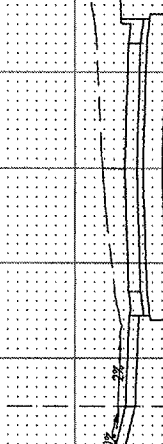
555
550
545

12
50

12
50

C=132.95 S.F.
 F=0.00 S.F.
 548.6
 547.43

EX. ROW
PROP. ROW
TEMP. EASE



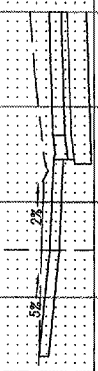
555
550
545

12
20.68

12
20.68

548.3
 547.35

EX. ROW
TEMP. EASE



555
550
545

12
00

12
00

C=144.51 S.F.
 F=0.17 S.F.
 548.1
 547.29

EX. ROW
PROP. ROW
TEMP. EASE

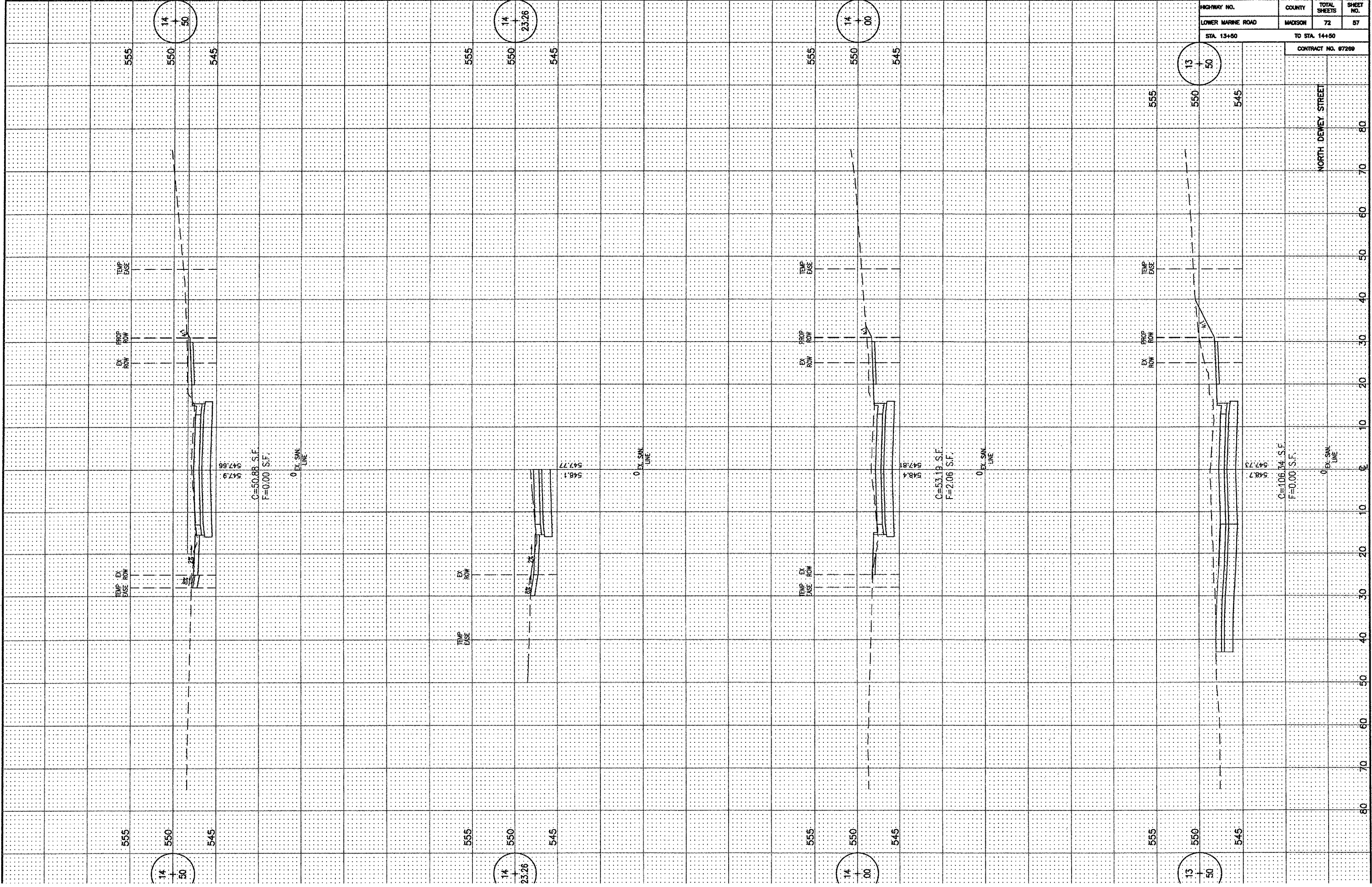


555
550
545

HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	56
STA. 12+00		TO STA. 13+30.50	
CONTRACT NO. 97289			

NORTH DEWEY STREET

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	57
STA. 13+50		TO STA. 14+50	

CONTRACT NO. 97269

NORTH DEWEY STREET

14
50

14
23.26

14
00

13
50

555

550

545

555

550

545

555

550

545

555

550

545

TEMP. EX. EASE ROW

PROP. ROW

EX. ROW

TEMP. EASE

547.9
547.66
C=50.88 S.F.
F=0.00 S.F.
0 EX. SAK LINE

548.1
547.77
C=53.19 S.F.
F=2.06 S.F.
0 EX. SAK LINE

548.4
547.81
C=53.19 S.F.
F=2.06 S.F.
0 EX. SAK LINE

548.7
547.73
C=106.14 S.F.
F=0.00 S.F.
0 EX. SAK LINE

555

550

545

555

550

545

555

550

545

555

550

545

TEMP. EX. EASE ROW

PROP. ROW

EX. ROW

TEMP. EASE

547.9
547.66
C=50.88 S.F.
F=0.00 S.F.
0 EX. SAK LINE

548.1
547.77
C=53.19 S.F.
F=2.06 S.F.
0 EX. SAK LINE

548.4
547.81
C=53.19 S.F.
F=2.06 S.F.
0 EX. SAK LINE

548.7
547.73
C=106.14 S.F.
F=0.00 S.F.
0 EX. SAK LINE

80

70

60

50

40

30

20

10

0

10

20

30

40

50

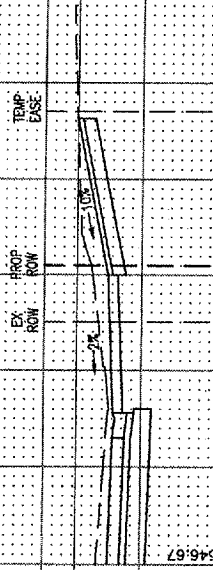
60

70

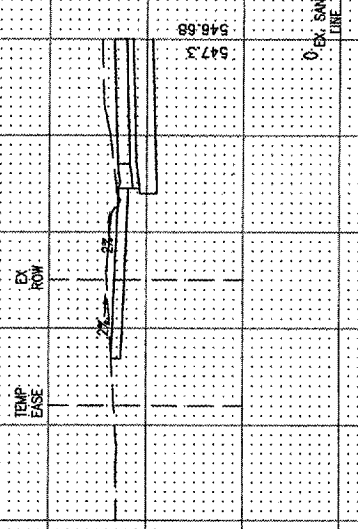
80

HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	58
STA. 15+00		TO STA. 15+57.88	
CONTRACT NO. 97289			

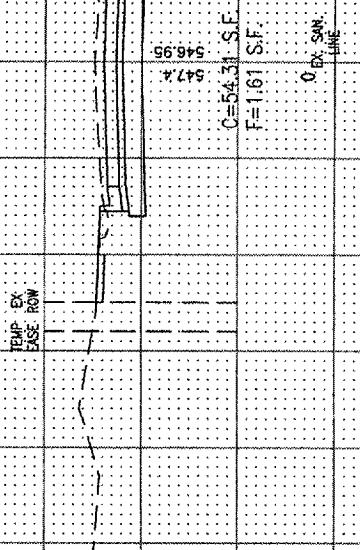
15
87.88
545
540
550



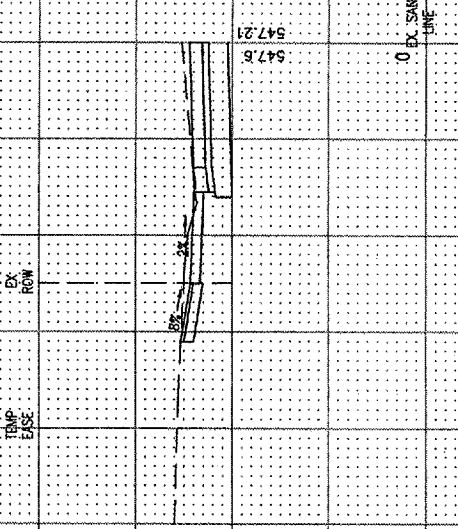
15
86.49
545
540
550



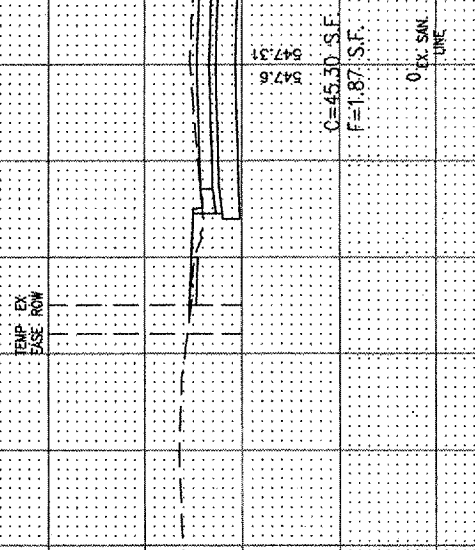
15
50
545
540
550



15
13.66
555
550
545

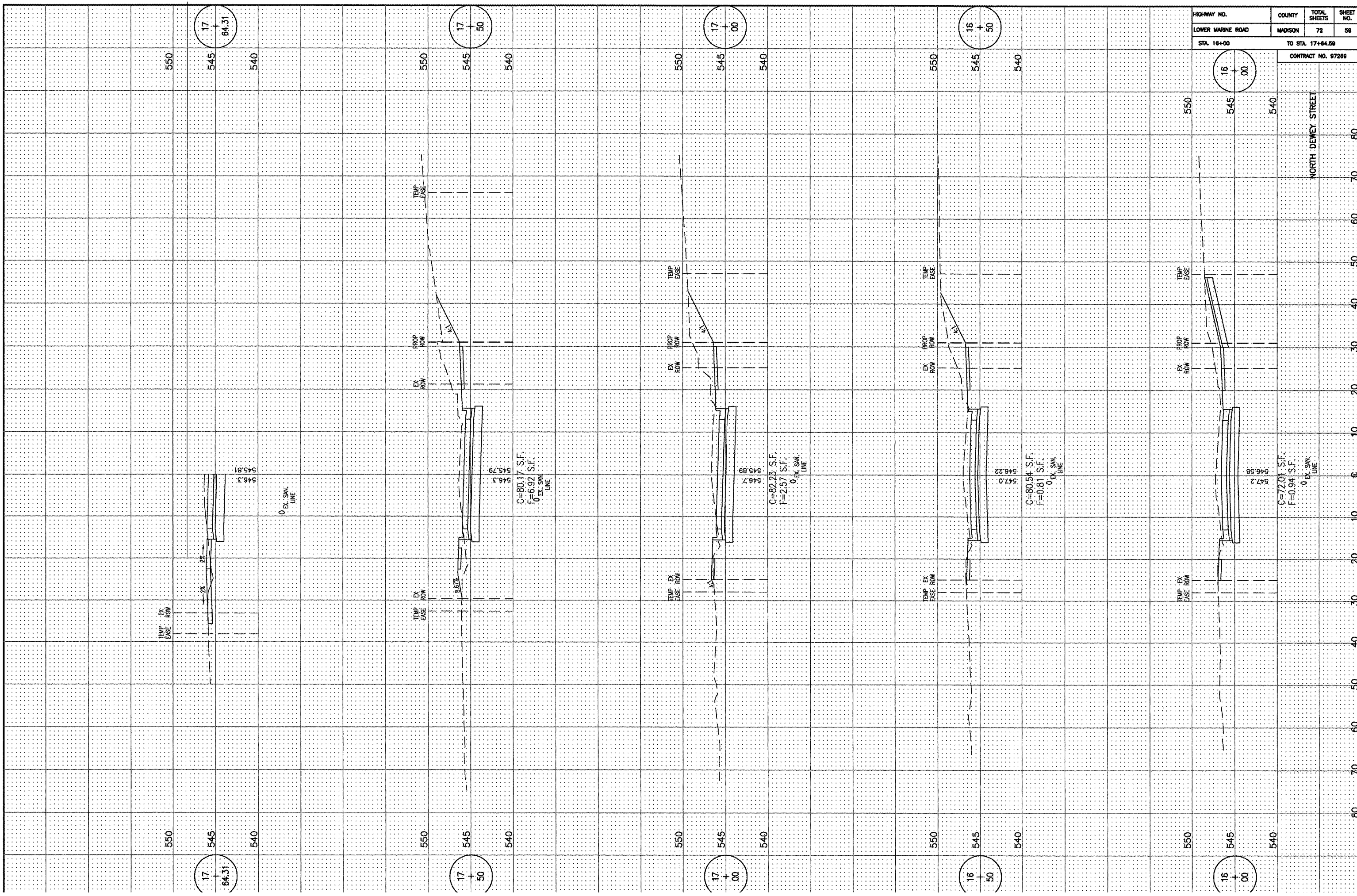


15
00
555
550
545

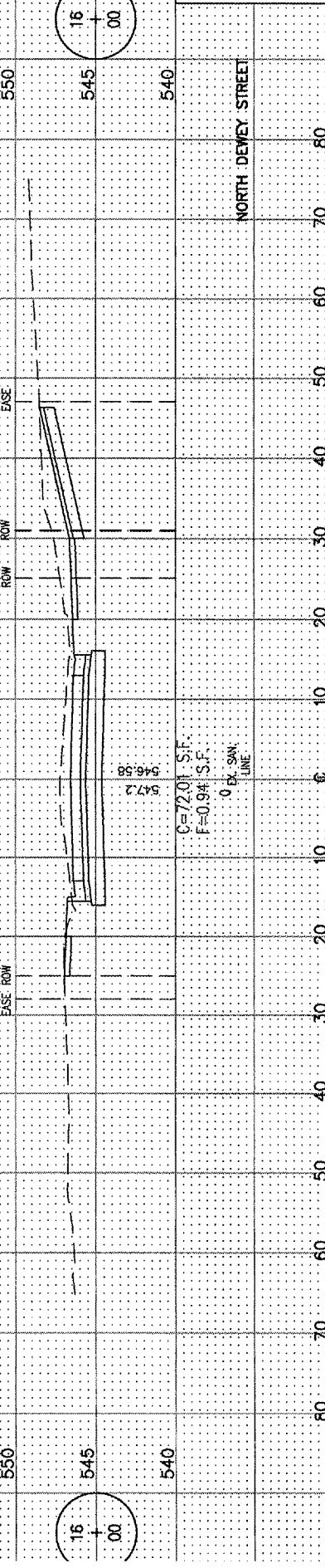


NORTH DEWEY STREET

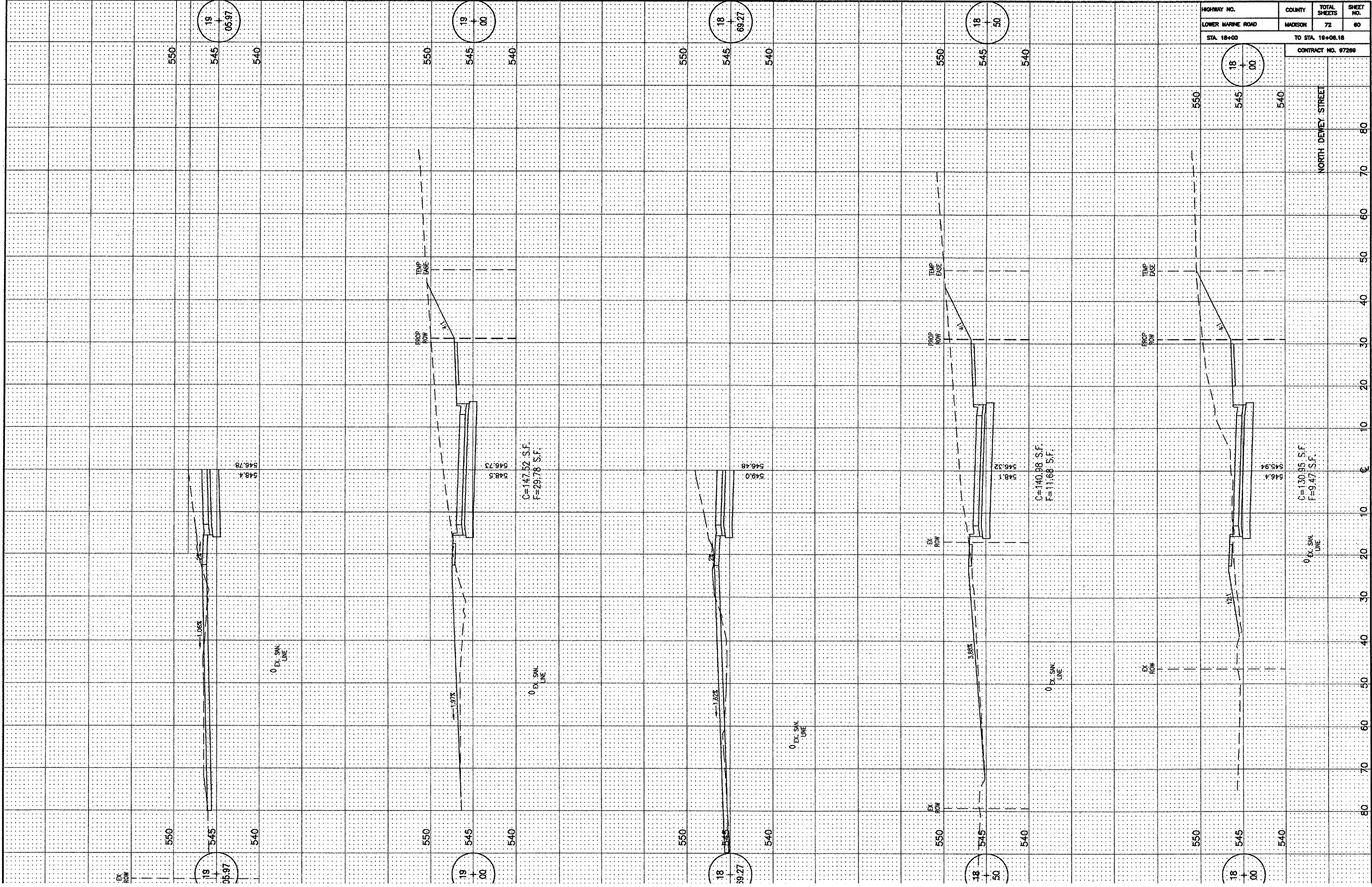
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80



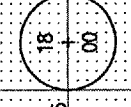
HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	59
STA 18+00	TO STA 17+84.59		
CONTRACT NO. 97269			



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	59
STA 18+00	TO STA 17+84.59		
CONTRACT NO. 97269			

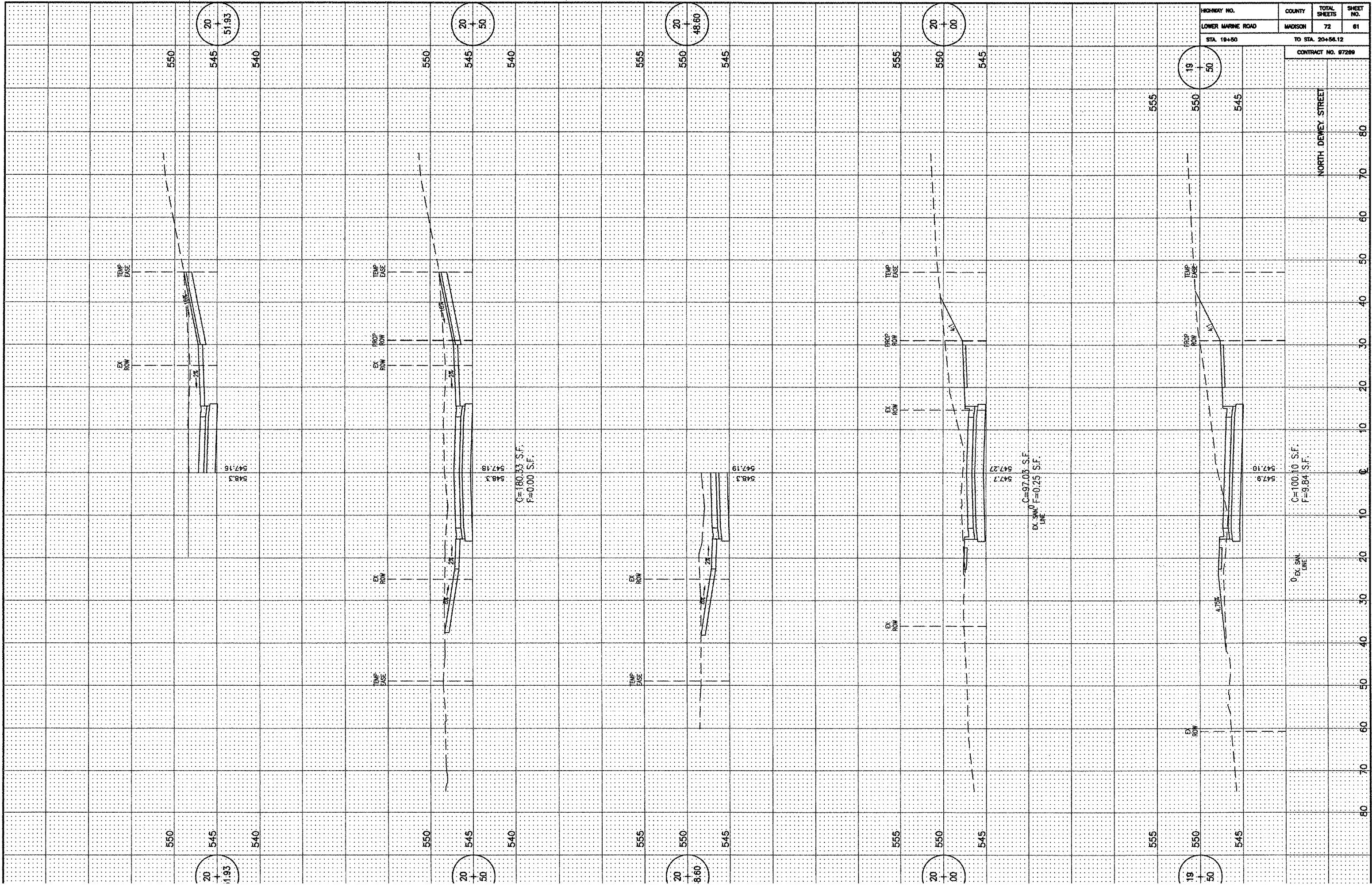


HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	60
STA. 18+00		TO STA. 19+06.18	
CONTRACT NO. 97289			



NORTH DEWEY STREET

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	61
STA. 18+50		TO STA. 20+56.12	

CONTRACT NO. 97289

NORTH DEWEY STREET

548.3
547.18

548.3
547.18
C=180.53 S.F.
F=0.00 S.F.

548.3
547.19

547.7
547.27
C=97.05 S.F.
EX. S&W F=0.25 S.F.
LINE

547.9

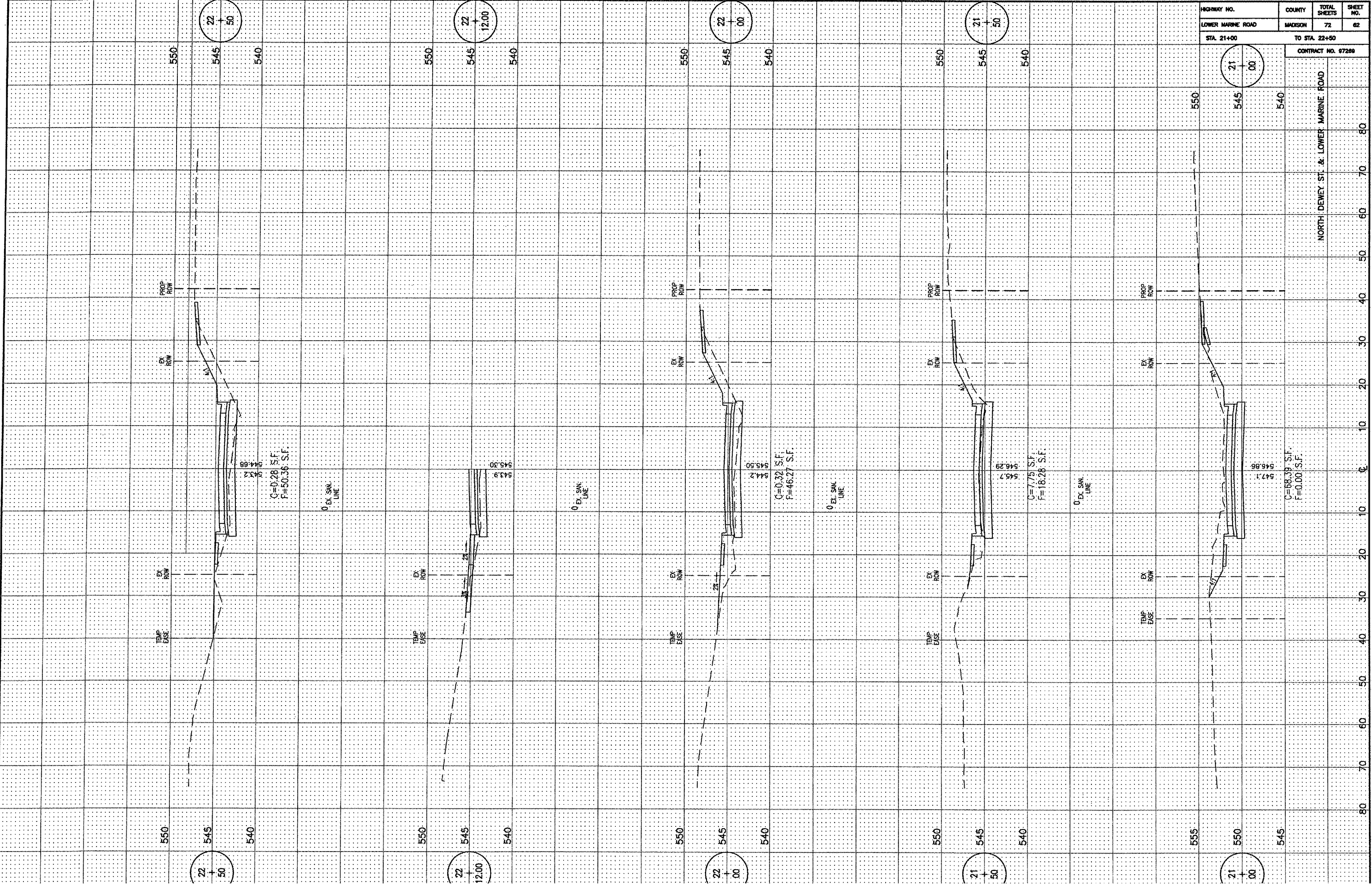
C=100.10 S.F.
F=9.84 S.F.

0 EX. S&W
LINE

HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	62
STA. 21+00		TO STA. 22+50	

CONTRACT NO. 97289

NORTH DEWEY ST. & LOWER MARINE ROAD



G=0.28 S.F.
F=50.36 S.F.

G=0.32 S.F.
F=46.27 S.F.

G=1.75 S.F.
F=18.28 S.F.

G=68.39 S.F.
F=0.00 S.F.

22
50

22
12.00

22
00

21
50

21
00

22
50

22
12.00

22
00

21
50

21
00

PROP. ROW

EX. ROW

EX. ROW

TEMP. EASE

0 EX. S.M. LINE

0 EX. S.M. LINE

0 EX. S.M. LINE

0 EX. S.M. LINE

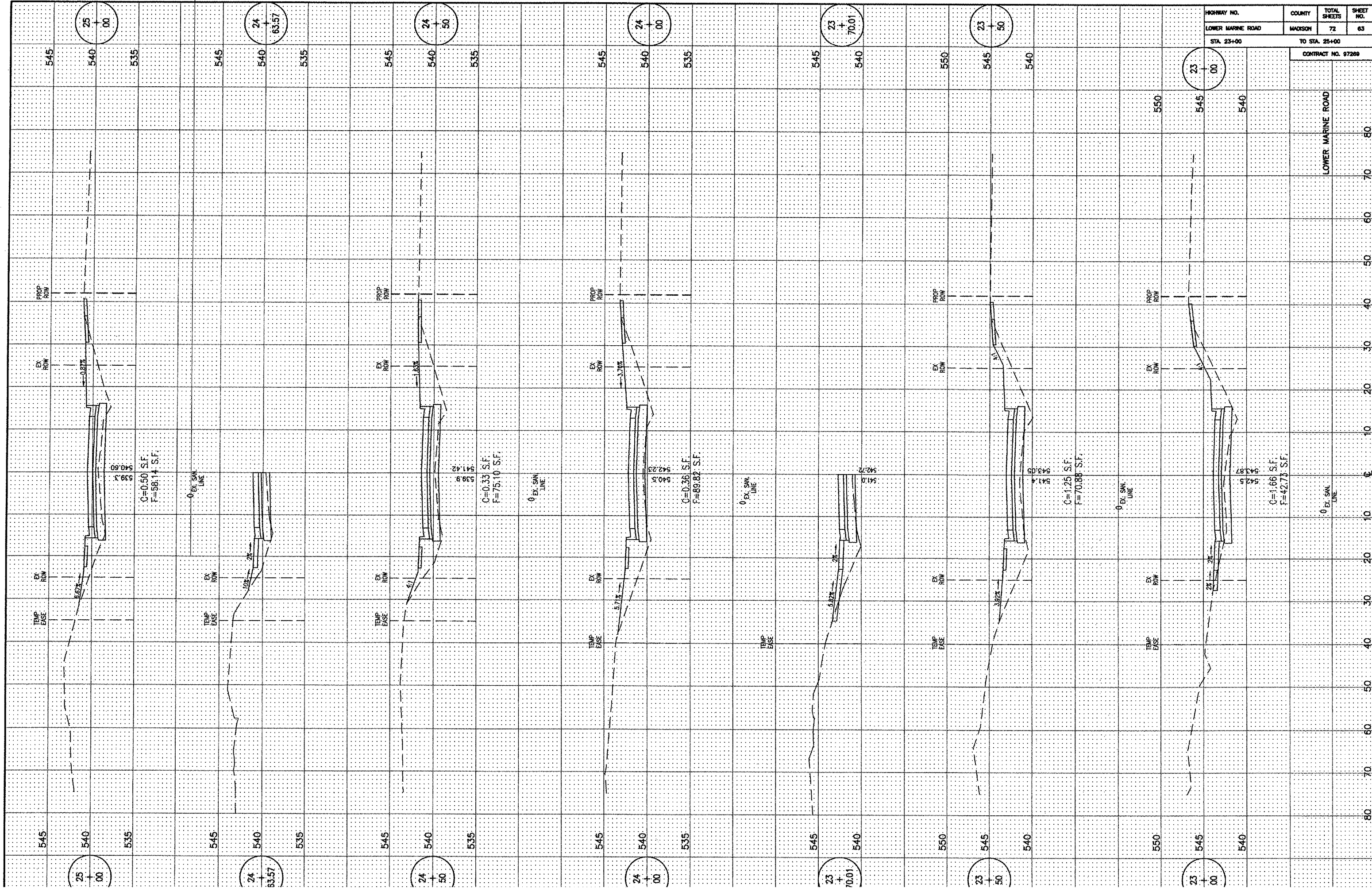
PROP. ROW

EX. ROW

EX. ROW

TEMP. EASE

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	63
STA. 23+00	TO STA. 25+00		

CONTRACT NO. 97289

LOWER MARINE ROAD

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80

C=0.50 S.F.
F=58.14 S.F.

C=0.33 S.F.
F=75.10 S.F.

C=0.36 S.F.
F=89.82 S.F.

C=1.25 S.F.
F=70.88 S.F.

C=1.66 S.F.
F=42.73 S.F.

25 + 00

24 + 63.57

24 + 50

24 + 00

23 + 70.01

23 + 50

23 + 00

25 + 00

24 + 63.57

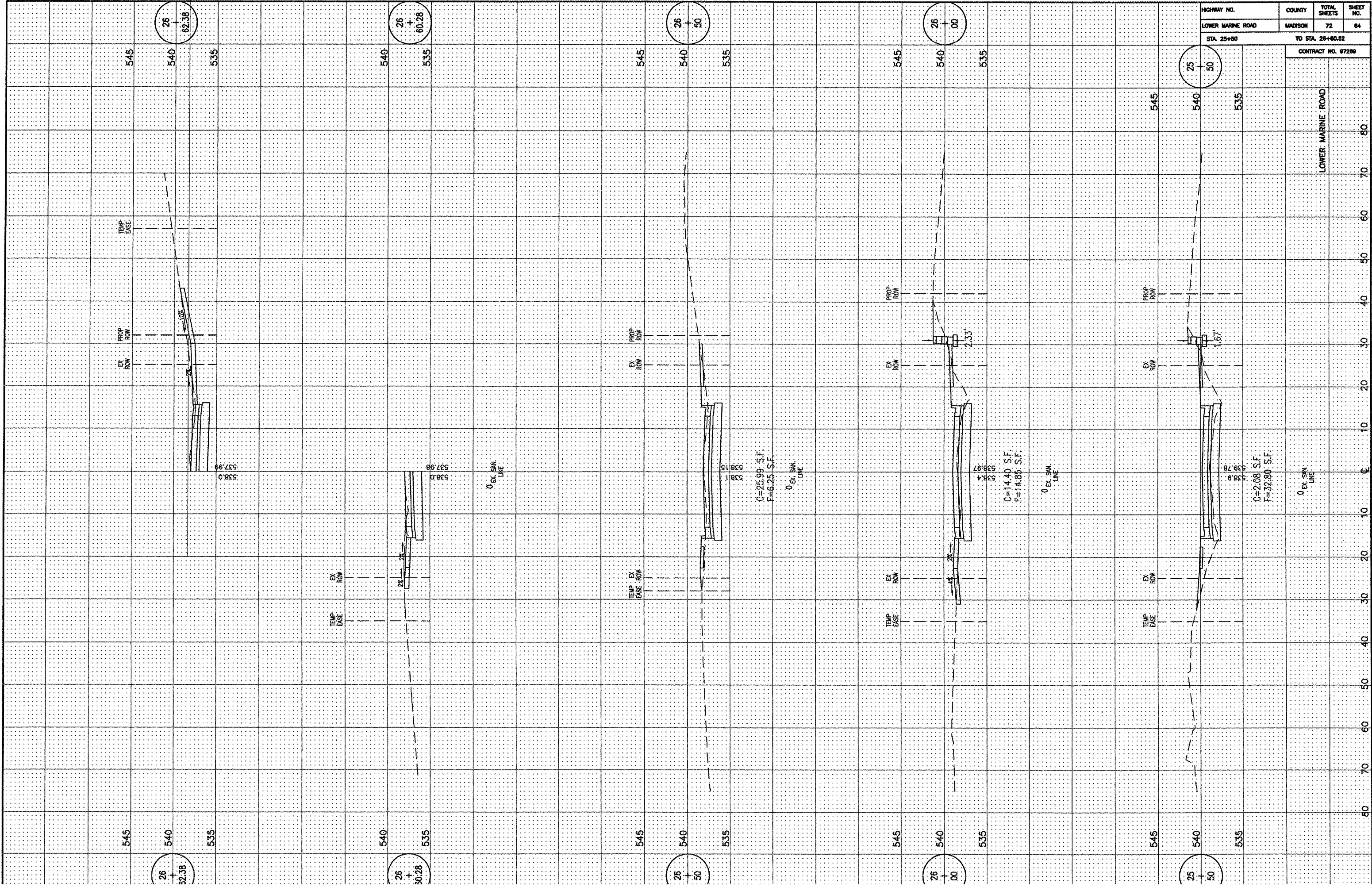
24 + 50

24 + 00

23 + 70.01

23 + 50

23 + 00



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	64
STA. 25+50		TO STA. 26+60.52	

CONTRACT NO. 67289

LOWER MARINE ROAD

0 50 10 20 30 40 50 60 70 80

26
+
62.38

26
+
60.28

26
+
50

26
+
00

25
+
50

545

540

535

540

535

545

540

535

545

540

535

545

540

535

TEMP. EASE

PROP. ROW

EX. ROW

538.0

537.98

538.0

537.98

0 EX. SW. LINE

PROP. ROW

EX. ROW

TEMP. EX. EASE ROW

C=25.99 S.F.
F=6.25 S.F.

0 EX. SW. LINE

PROP. ROW

EX. ROW

TEMP. EASE

C=14.40 S.F.
F=14.98 S.F.

0 EX. SW. LINE

PROP. ROW

EX. ROW

TEMP. EASE

C=2.08 S.F.
F=32.80 S.F.

0 EX. SW. LINE

545

540

535

540

535

545

540

535

545

540

535

545

540

535

26
+
62.38

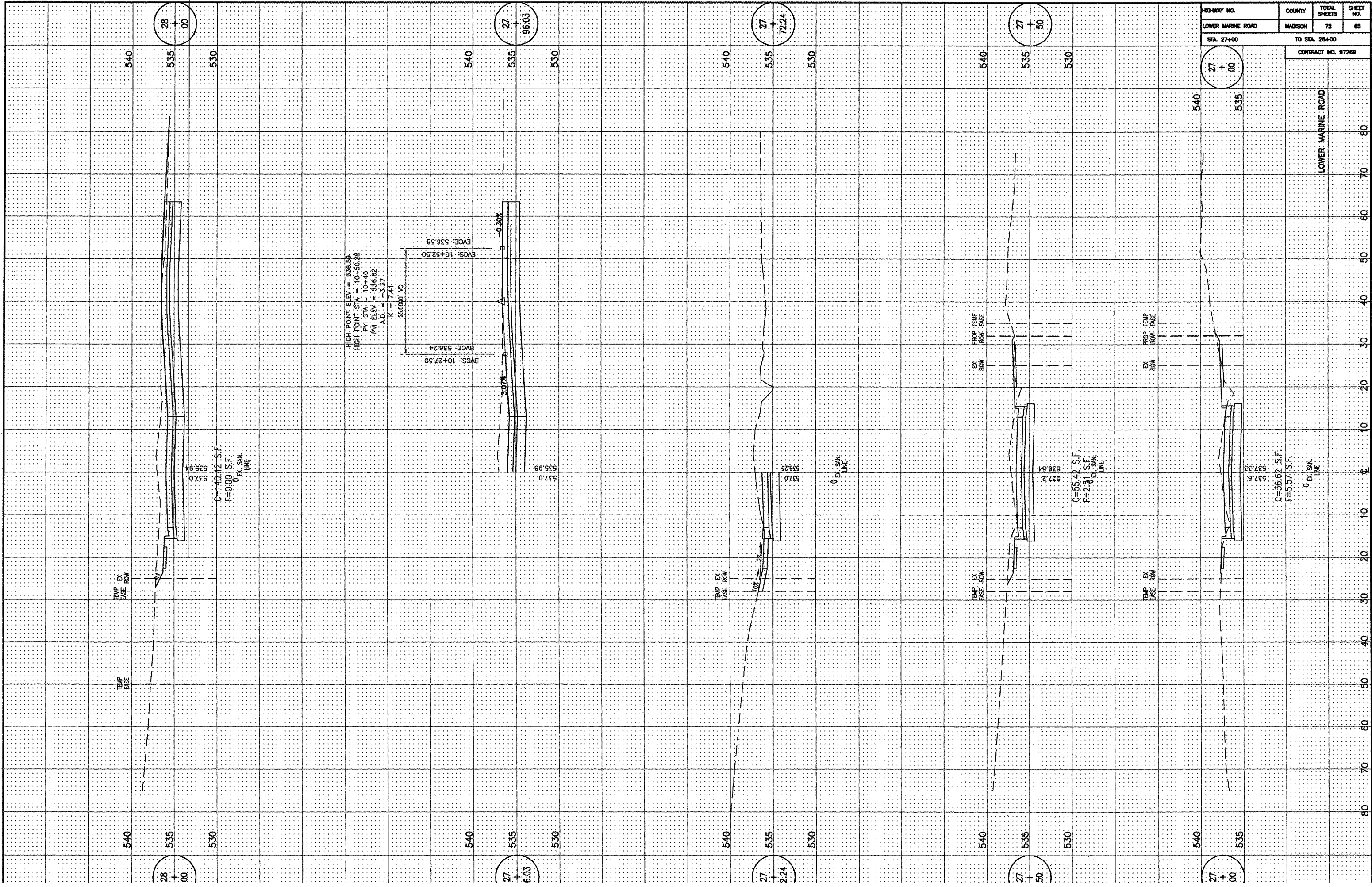
26
+
60.28

26
+
50

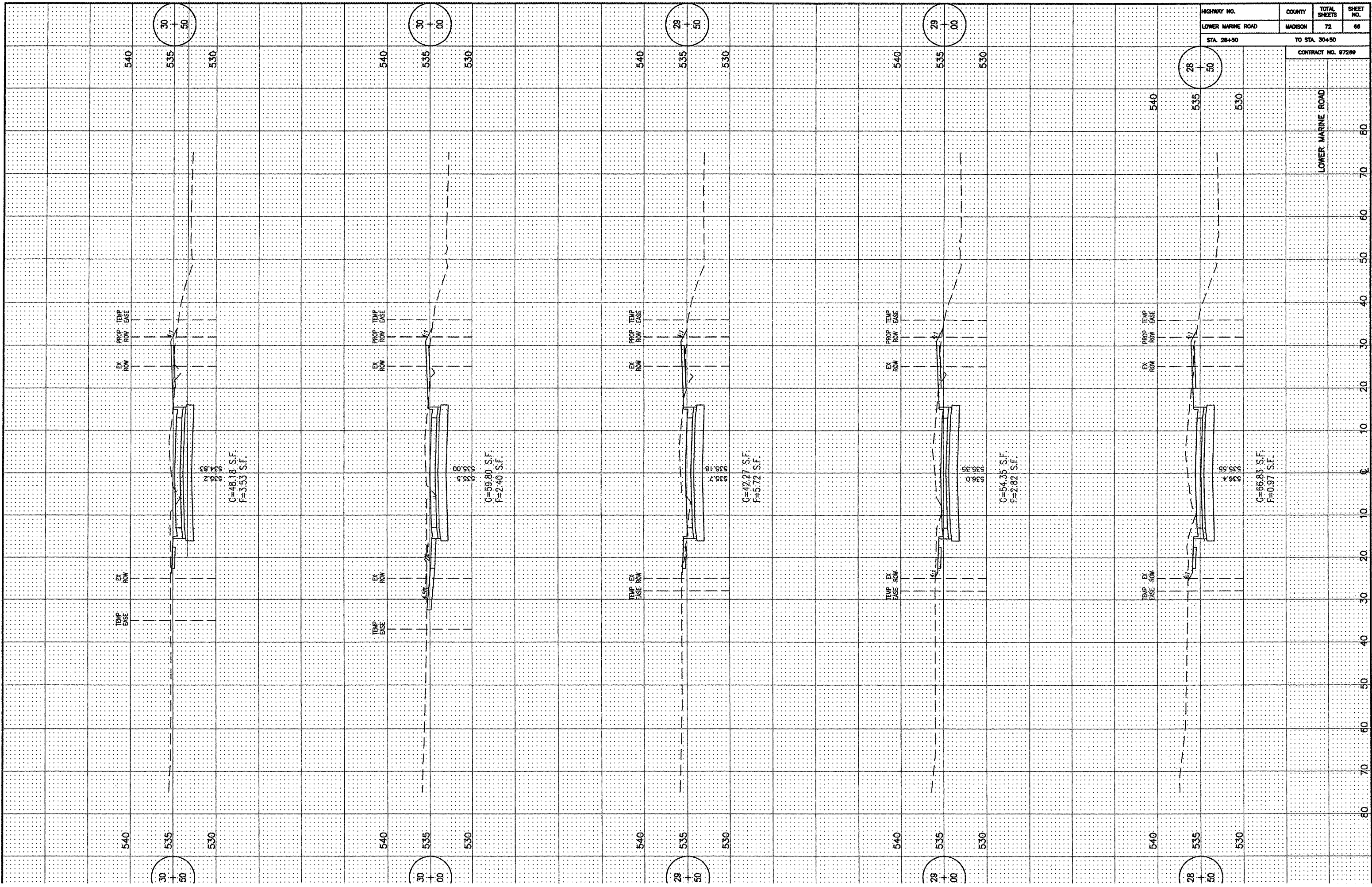
26
+
00

25
+
50

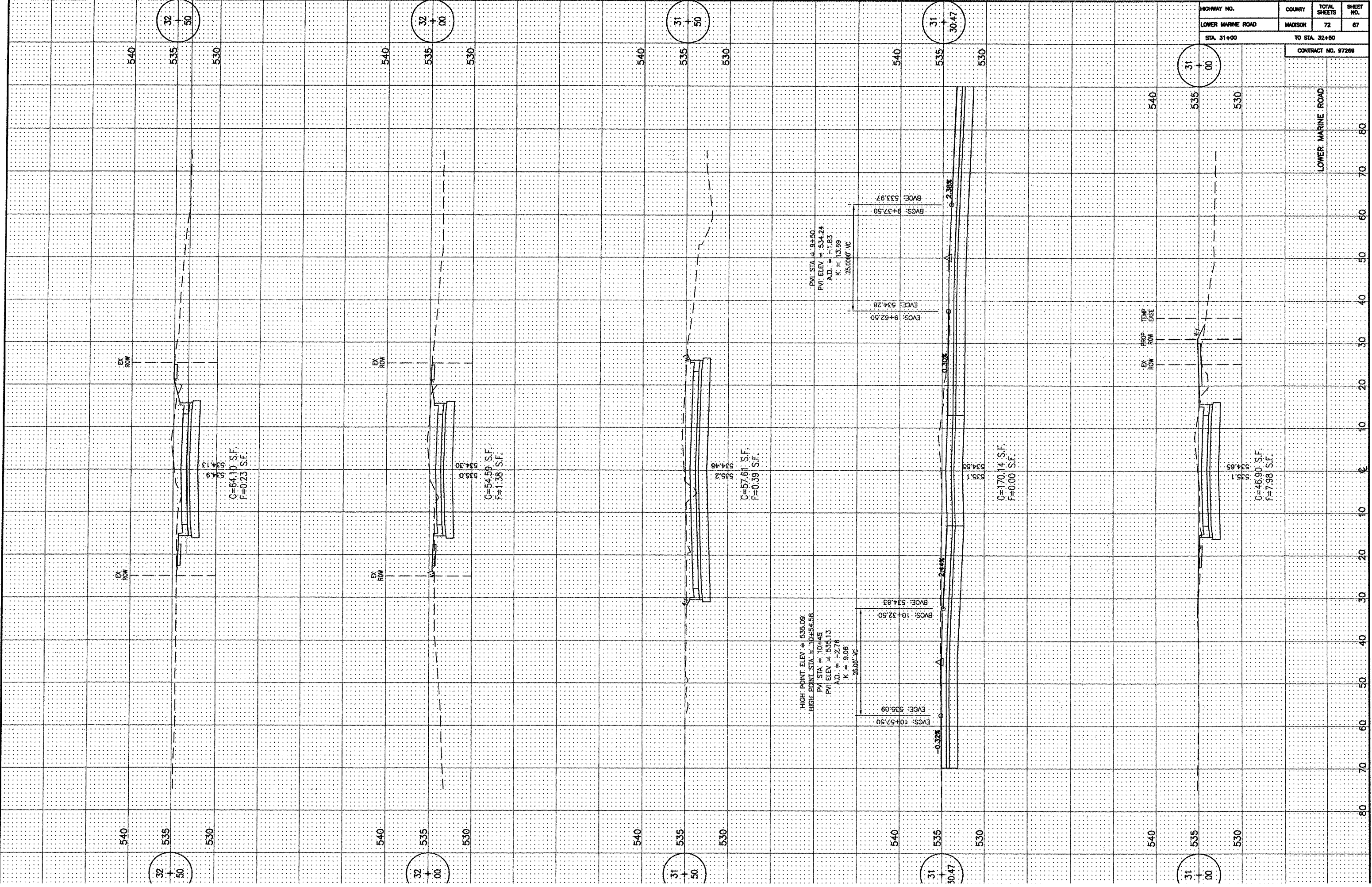
HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	65
STA. 27+00		TO STA. 28+00	
CONTRACT NO. 97289			



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	66
STA. 28+50	TO STA. 30+50		
CONTRACT NO. 97289			



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	67
STA. 31+00		TO STA. 32+50	
CONTRACT NO. 97269			



32
+
50

32
+
00

31
+
50

31
+
30.47

31
+
00

540

535

530

540

535

530

540

535

530

540

535

530

540

535

530

EX ROW

EX ROW

EX ROW

EX ROW

C=64.10 S.F.
F=0.23 S.F.

C=54.59 S.F.
F=1.38 S.F.

C=67.61 S.F.
F=0.39 S.F.

C=170.14 S.F.
F=0.00 S.F.

C=46.90 S.F.
F=7.98 S.F.

PVI STA = 9+50
PVI ELEV = 534.24
A.D. = -1.63
K = 13.89
25.00' VC

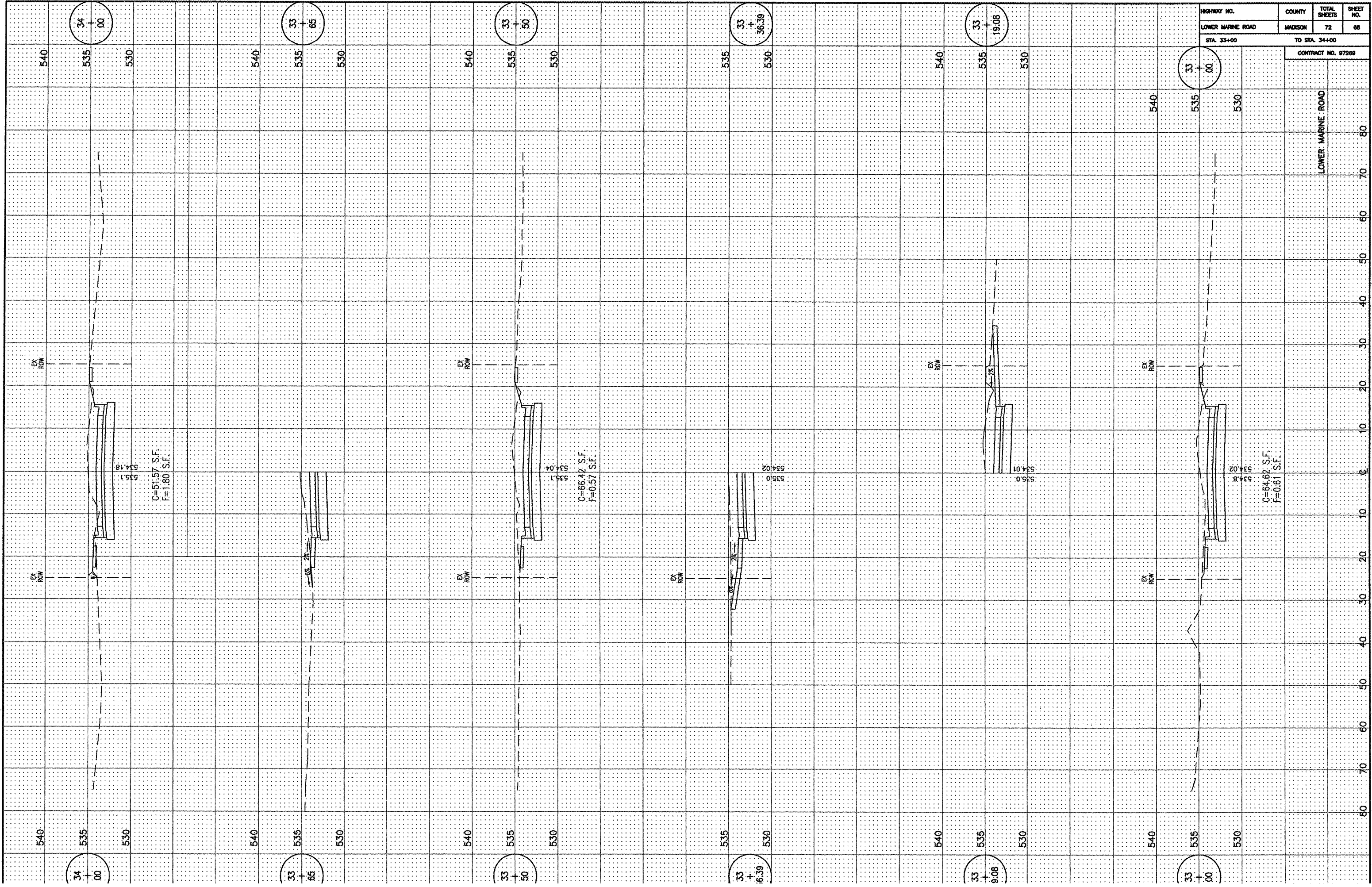
HIGH POINT ELEV = 535.09
HIGH POINT STA. = 10+54.58
PVI STA = 10+45
PVI ELEV = 535.13
A.D. = -2.76
K = 9.06
25.00' VC

EVC5: 9+62.50
EVE: 534.28
BVC5: 9+37.50
BVE: 533.97

EVC5: 10+57.50
EVE: 535.09
BVC5: 10+32.50
BVE: 534.83

LOWER MARINE ROAD

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	68
STA. 33+00		TO STA. 34+00	
CONTRACT NO. 87269			

LOWER MARINE ROAD

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80

C=51.57 S.F.
F=1.80 S.F.

C=65.42 S.F.
F=0.57 S.F.

C=64.62 S.F.
F=0.61 S.F.

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

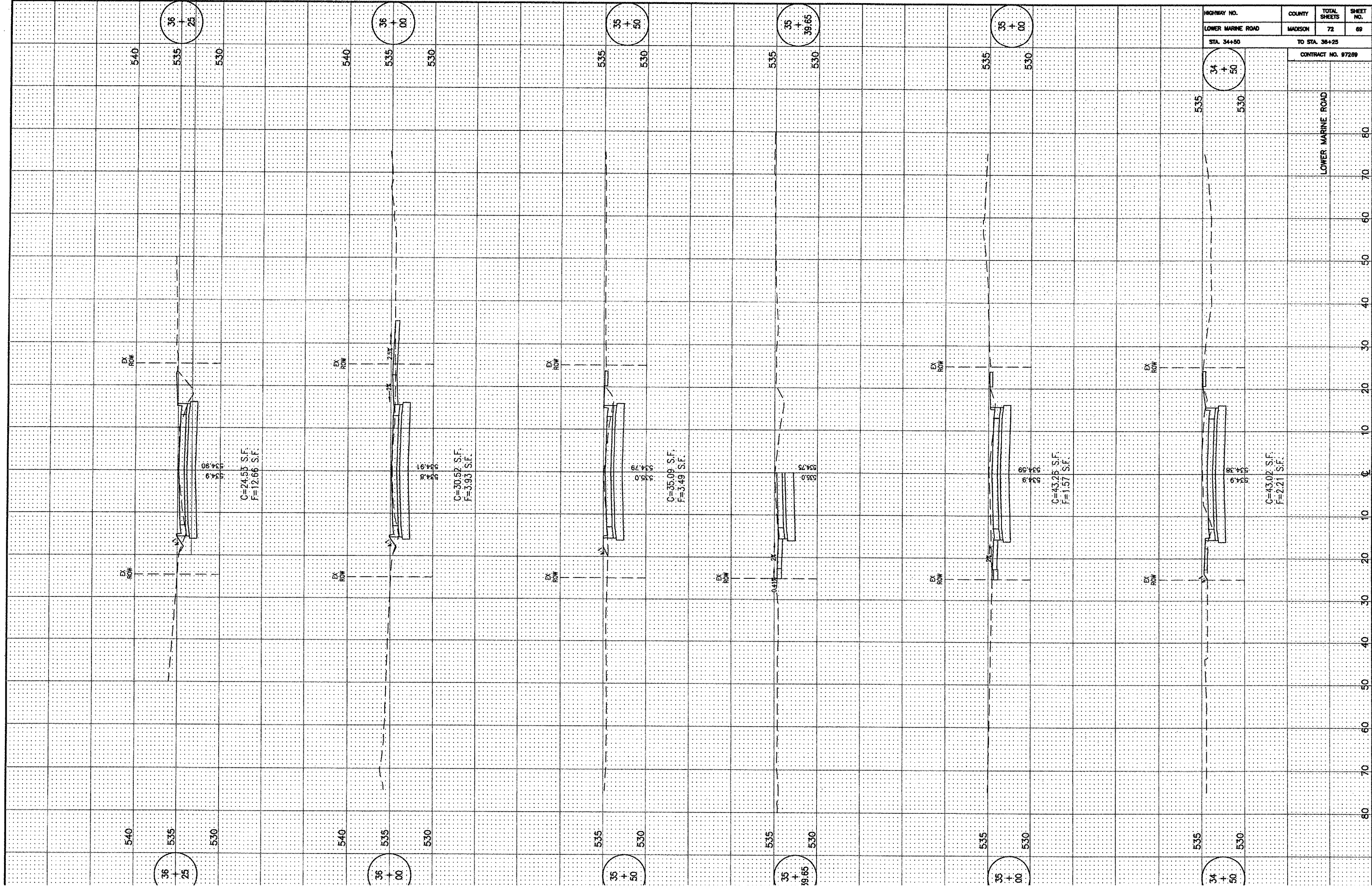
535.1
534.18

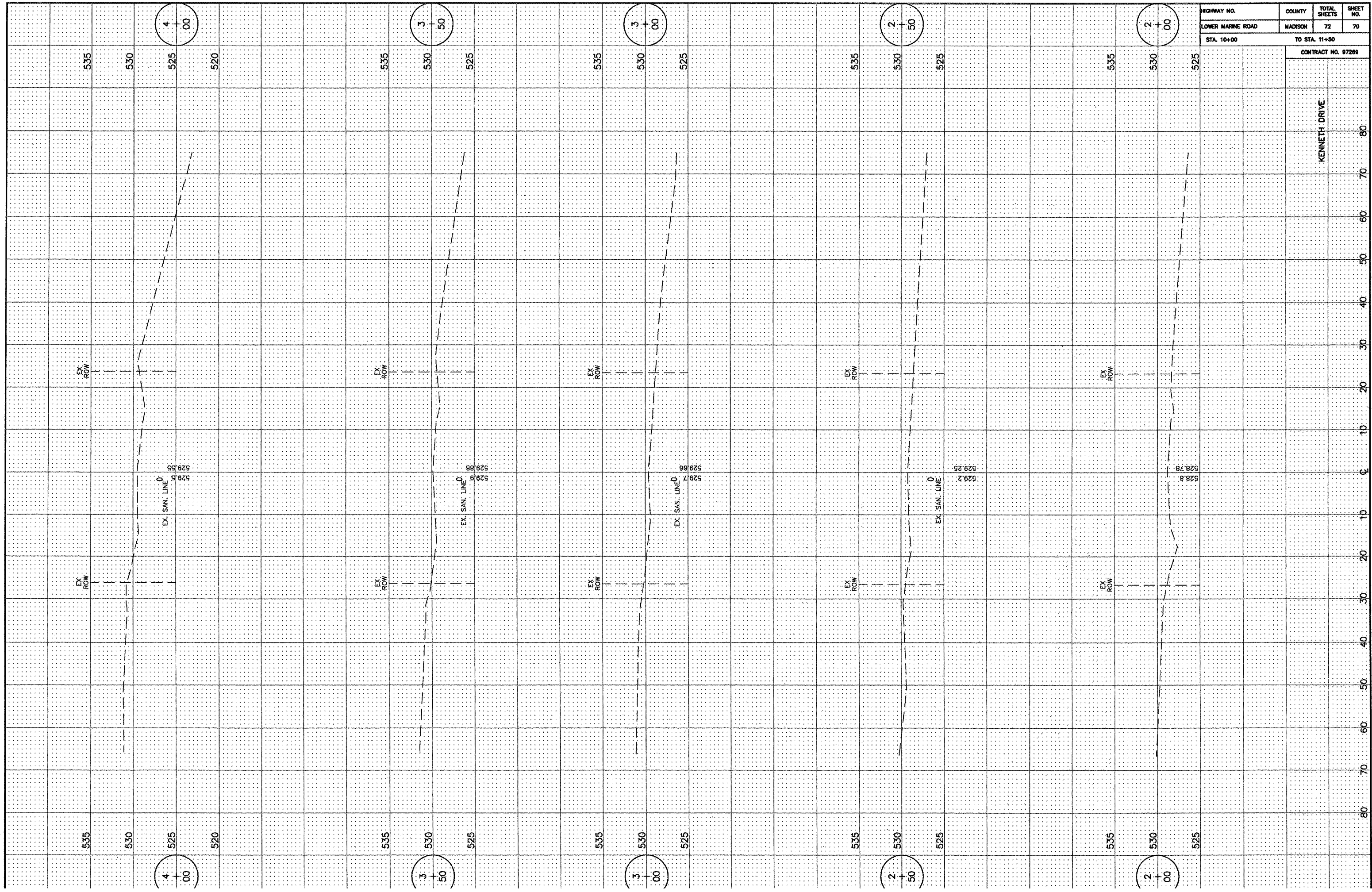
535.1
534.04

535.0
534.02

535.0
534.01

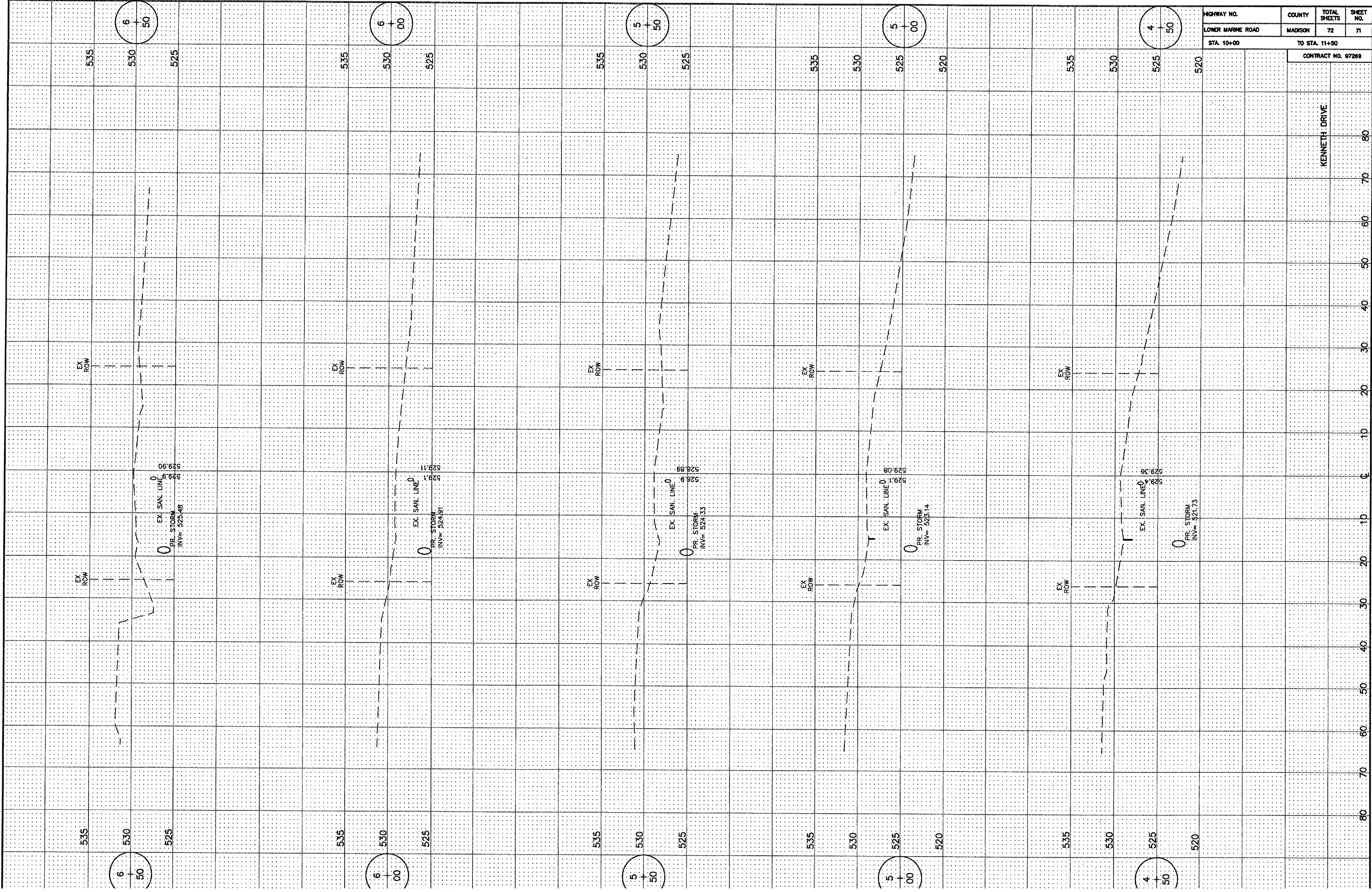
534.8
534.02





HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	70
STA. 10+00		TO STA. 11+50	
CONTRACT NO. 67269			

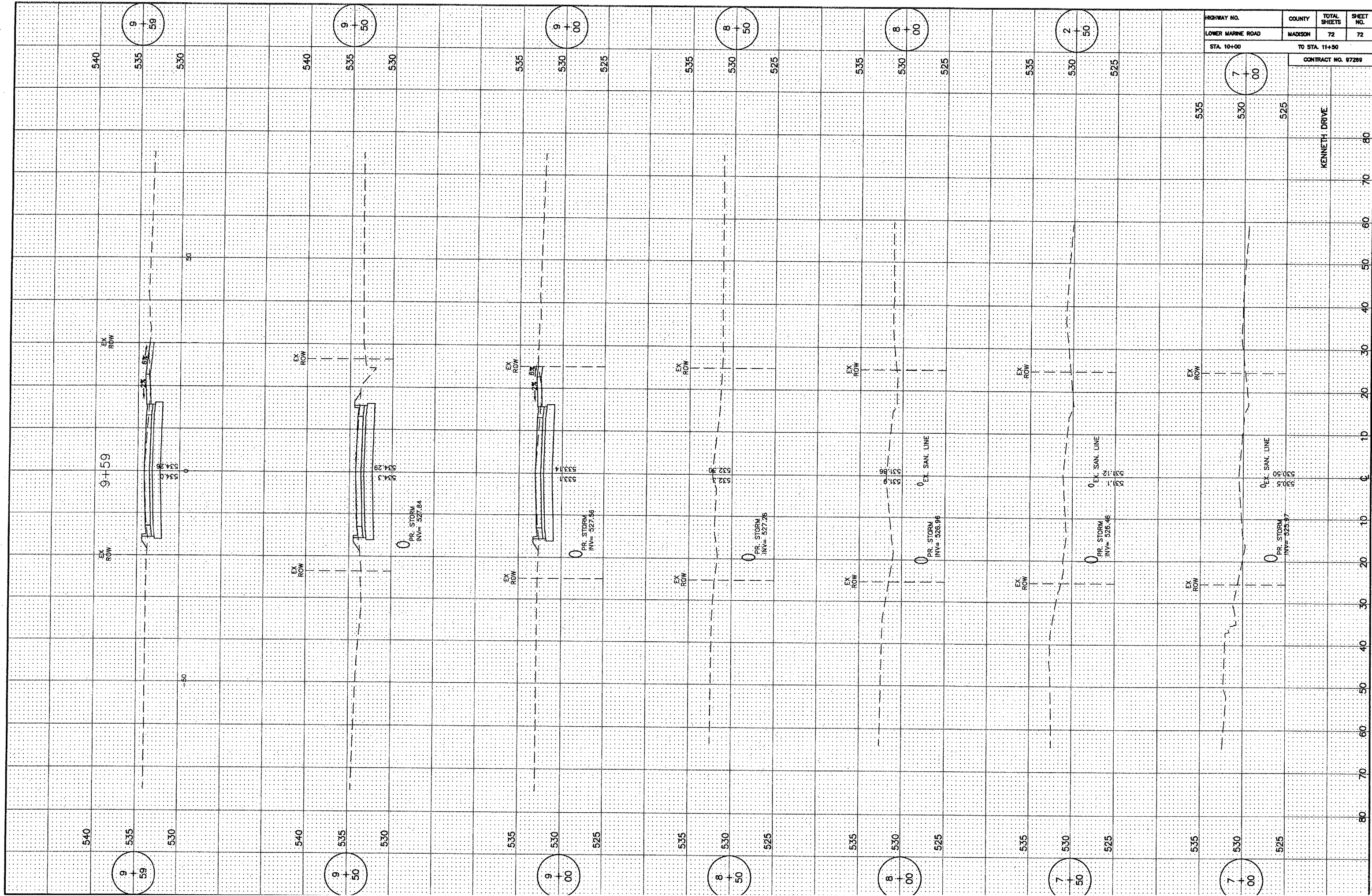
KENNETH DRIVE



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	71
STA. 10+00		TO STA. 11+50	
CONTRACT NO. 97269			

KENNETH DRIVE

80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80



HIGHWAY NO.	COUNTY	TOTAL SHEETS	SHEET NO.
LOWER MARINE ROAD	MADISON	72	72
STA. 10+00	TO STA. 11+50		

CONTRACT NO. 87289

535	530	525	KENNETH DRIVE
535	530	525	

