

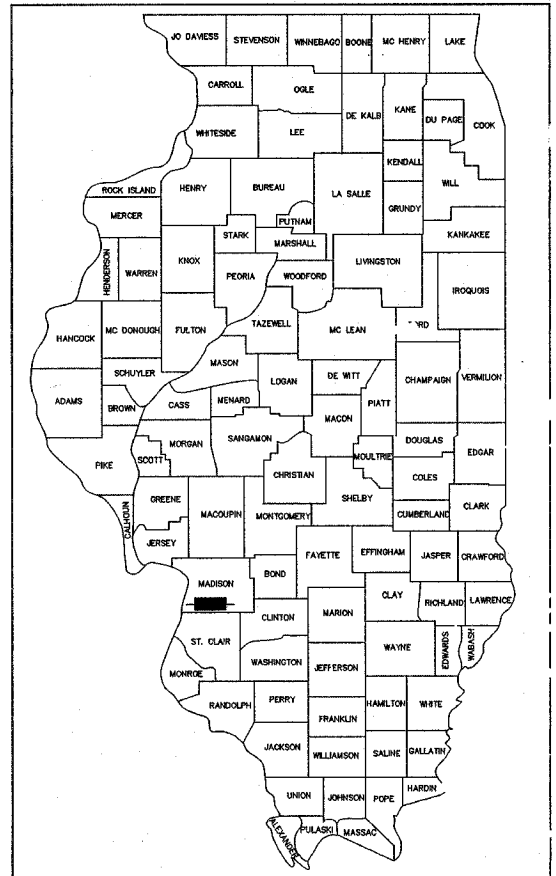
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
VILLAGE OF BETHALTO
FAU ROUTE 8959
WEST CORBIN STREET (PHASE 1)
SECTION 05-00016-02-RP
PROJECT NO. HPP-863 (002)
MADISON COUNTY
C-98-311-06

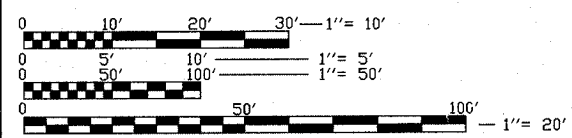
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP		MADISON	42	1

FEDERAL AID PROJECT
CONTRACT NUMBER 97290



LOCATION OF SECTION INDICATED THUS: - ■ -

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS

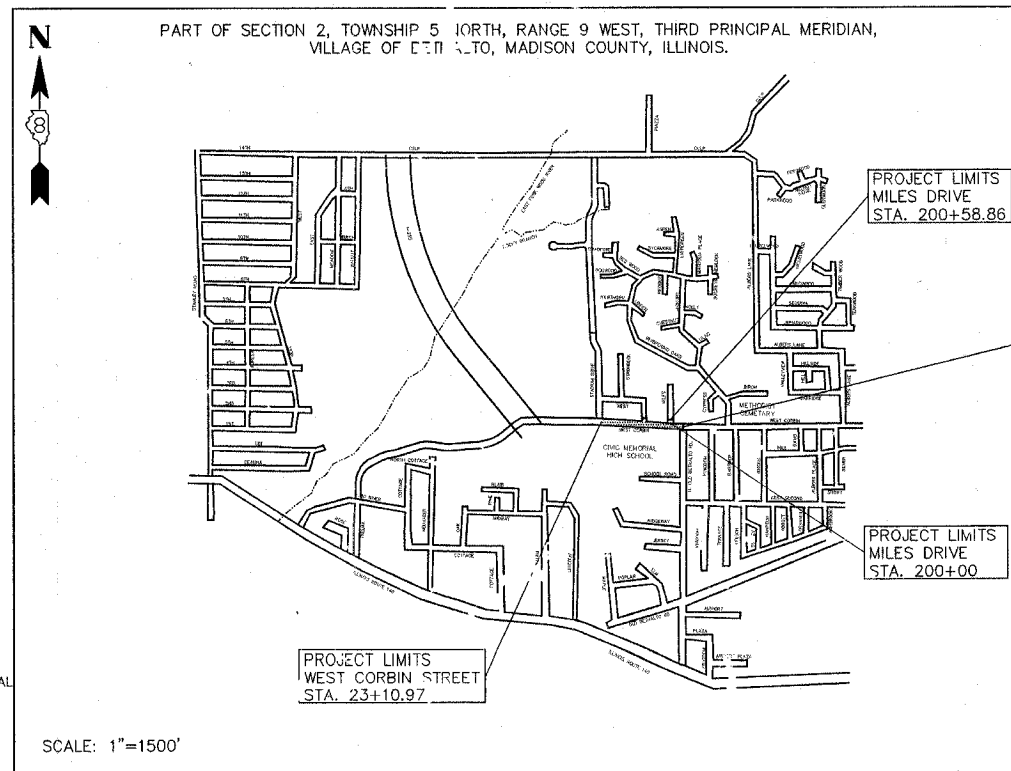


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CONTACT UTILITY LOCATION INFORMATION FOR EXCAVATION
(J.U.L.E.)
CALL TOLL FREE 1-800-892-0123

CONTRACT NO. 97290

DESIGN DESIGNATION
FUNCTIONAL CLASSIFICATION = ARTERIAL
DESIGN TRAFFIC = 4800 (2027)
DESIGN SPEED = 35



SCALE: 1"=1500'

PROJECT LIMITS
WEST CORBIN STREET
STA. 9+74.41

PROJECT LIMITS
MILES DRIVE
STA. 200+58.86

PROJECT LIMITS
MILES DRIVE
STA. 200+00

PROJECT LIMITS
WEST CORBIN STREET
STA. 23+10.97



DATE: 2-12-2007
LICENSE EXP. 11/30/07

GROSS LENGTH OF PROJECT
WEST CORBIN ST. = 1336.53' (0.253 MI)
NET LENGTH = 133.53' (0.253 MI)

ILLINOIS DEPARTMENT OF TRANSPORTATION

Approved: Steve A. Bush
Local Agency, Position

Passed: 2-26-07
Genner Oberino
District 8 Engineer of Local Roads & Streets

Releasing for Bid: 2-26-07
Based on Limited Review: Mary S. Lamm
Deputy Director of Highways, Region #5 Engineer

Hoelscher Engineering, P.C.
11 Executive Drive, Suite 12
Fairview Heights, Illinois 62208
(618)624-8610 FAX: (618)624-8611

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OF THE STATE OF ILLINOIS

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	2
STA.	TO STA.			
CONTRACT NO.: 97290				

INDEX OF SHEETS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	EXISTING & PROPOSED TYPICAL SECTIONS
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8-10	SCHEDULE OF QUANTITIES
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14-16	TRAFFIC CONTROL
17-19	EROSION AND SEDIMENT CONTROL PLANS
20	EROSION AND SEDIMENT CONTROL DETAILS
21-22	DRAINAGE AND UTILITIES PLAN
23	DRIVEWAY AND ENTRANCE DETAILS
24-26	INTERSECTION DETAILS
27	PAVEMENT MARKINGS
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29	MISCELLANEOUS DETAILS
30	STORM SEWER PROFILES
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31-38	CROSS SECTIONS-WEST CORBIN STREET
39	CROSS SECTIONS-MILES DRIVE
40	CROSS SECTIONS-WEST DRIVE
41-42	CROSS SECTIONS-SCHOOL DRIVEWAY

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	STANDARD TITLE
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT REBARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
424001-04	CURB RAMPS FOR SIDEWALKS
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311	GRATING FOR CONCRETE FLARED END SECTION (FOR 600mm THRU 1350mm (54") PIPE)
602301-01	INLET - TYPE A
602308-01	INLET - TYPE B
602401-01	MANHOLE TYPE A
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS TYPE 1
604008-02	FRAME AND GRATE TYPE 3
604011-02	FRAME AND GRATE TYPE 3V
604091-01	FRAME AND GRATE TYPE 24
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606401	PAVED DITCH
635008-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701501-01	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
702001-06	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720008-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-01	TYPICAL PAVEMENT MARKINGS
B.L.R. 10-5	PCC PAVEMENT SPECIAL
B.L.R. 17-3	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
B.L.R. 21-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

LEGEND

	EXISTING SHRUB
	EXISTING LIGHT POLE
	EXISTING GUY WIRE
	EXISTING CLEANOUT

ABBREVIATIONS AND SYMBOLS

TBR&R TO BE REMOVED AND REPLACED

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
 - CONTRACTOR TO VERIFY 6" HIGH PRESSURE GAS LINE ELEVATION AND LOCATION PRIOR TO EARTHWORK, INSTALLATION, AND ORDERING AND ACCEPTANCE OF ANY MATERIALS.
 - THE CONTRACTOR SHALL PROTECT UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE FOLLOWING UTILITIES ARE LOCATED WITHIN THE LIMITS OF THIS PROJECT:
 - AMEREN IP (GAS)
1050 WEST BLVD.
BELLEVILLE, ILLINOIS 62221
(800) 755-5000
 - AMEREN IP (ELECTRIC)
1050 WEST BLVD.
BELLEVILLE, ILLINOIS 62221
(800) 755-5000
 - VILLAGE OF BETHALTO (SEWER)
101 SOUTH PRAIRIE ST.
BETHALTO, IL 62010
(618) 377-8723
 - SBC AMERITECH (TELEPHONE)
203 GOETHE ST.
COLLINSVILLE, ILLINOIS 62234
(618) 346-6490
 - VILLAGE OF BETHALTO (WATER)
101 SOUTH PRAIRIE ST.
BETHALTO, IL 62010
(618) 377-8723
 - CHARTER COMMUNICATIONS (CABLE)
210 DIVISION ST.
MARYVILLE, IL 62062
(888) 438-2427
- JULIE
1-800-892-0123
- IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN SUBMITTING HIS BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCES CAUSED BY THE SAME.
- THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT UTILITIES CAN BE GIVEN NOTICE. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR (i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, (ii) LOCATING ALL UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; (iii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION, AND (iv) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THERETO RESULTING FROM THE WORK AT HIS EXPENSE.
- ALL UTILITIES TO BE RELOCATED BY OTHERS.
 - THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
 - ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDING WITH CLASS 1B SEEDING, AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.
 - MULCH, AS APPLIED TO FINAL SEEDING (CLASS 1B), SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2 AS SPECIFIED IN ARTICLE 251.03 (b).
 - ALL WORK AS SHOWN ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS PREPARED BY HOELSCHER ENGINEERING, P.C. ENTITLED "FAU ROUTE 8959 (WEST CORBIN STREET) SECTION 05-00016-02-RP, CONTRACT NO. 97290, VILLAGE OF BETHALTO".
 - SEE STANDARD BLR-10 FOR DETAILS OF JOINTS AND REBARS NOT SHOWN ON THE PLANS.
 - SUBGRADE IS TO BE COMPACTED AND SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 (REFER TO SECTION 300).
 - PROTECTIVE COAT SHALL BE APPLIED TO ALL PAVEMENT, GUTTER FLAGS AND FACE OF CURBS ACCORDING TO THE SEASONAL REQUIREMENT OF ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS.
 - FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF SIXTEEN SANDBAGS PER BARRICADE
 - ALL ROAD CLOSED BARRICADES SHALL HAVE FLASHING LIGHTS.
 - THE CONTRACTOR FOR THIS PROJECT SHALL PERFORM HIS WORK IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 105.08 "COOPERATION BETWEEN CONTRACTORS" OF THE STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING THE REQUIREMENTS OF AN NPDES STORM WATER PERMIT FOR CONSTRUCTION ACTIVITY FOR THIS PROJECT.
 - CONCRETE REMOVAL (50102400) IS ASSUMED TO BE 6" THICK.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX OF SHEETS, STANDARDS AND
GENERAL NOTES

FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON

DRAWN BY: R.A.W.

SUMMARY OF QUANTITIES

MAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-0016-02-RP	MADISON	42	3
STA.		TO STA.		
CONTRACT NO.: 97290				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		5000-2A		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	90			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	90			
20200100	EARTH EXCAVATION	CU YD	3,317			
20900210	POROUS GRANULAR BACKFILL, SPECIAL	CU YD	201			
25000115	SEEDING, CLASS 1B	ACRE	0.70			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63			
25100115	MULCH, METHOD 2	ACRE	0.70			
28000300	TEMPORARY DITCH CHECKS	EACH	3			
28000500	INLET AND PIPE PROTECTION	EACH	14			
28000900	FENCE (EROSION CONTROL)	FOOT	471			
30200650	PROCESSING MODIFIED SOIL, 12"	SQ YD	5,343			
30201500	LIME	TON	104			
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	4,510			
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	127			
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	239			
40701881	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH, 10")	SQ YD	637			
42000311	PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2"(JOINTED)	SQ YD	3,782			
42001300	PROTECTIVE COAT	SQ YD	5,460			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	895			
42303400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SQ YD	179			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	SQ FT	8,717			
42400800	DETECTABLE WARNINGS	SQ FT	375			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,150			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	61			
44000600	SIDEWALK REMOVAL	SQ FT	656			
44004000	PAVED DITCH REMOVAL	FOOT	32			
50102400	CONCRETE REMOVAL	CU YD	1			
50104605	CONCRETE RETAINING WALL REMOVAL	CU YD	1			
50105220	PIPE CULVERT REMOVAL	FOOT	359			
50901765	PIPE HANDRAIL, SPECIAL	FOOT	57			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	124			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	353			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	287			
550B0060	STORM SEWERS, CLASS B, TYPE 1 14"	FOOT	54			
550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	135			
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1			
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1			
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1			
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1			
60242500	INLETS, SPECIAL, NO. 1	EACH	2			
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	4			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12	FOOT	94			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24	FOOT	2,534			

NOTE: * INDICATES SPECIALTY ITEM

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		5000-2A		
60617525	PAVED DITCH, TYPE B-37 SPECIAL	FOOT	37			
67100100	MOBILIZATION	LUMP SUM	1			
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	LUMP SUM	1			
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	62			
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,461			
*78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	273			
*78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	66			
X2800500	INLET PROTECTION, SPECIAL	EACH	2			
X5420350	END SECTIONS 18" SPECIAL	EACH	2			
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	2			
X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	2			
X7800200	PAINT PAVEMENT MARKING CURB	FOOT	442			
XX000714	FENCE TO BE REMOVED AND RE-ERECTED	FOOT	255			
XX001607	RETAINING WALL, SPECIAL	SQ FT	18			

SUMMARY OF QUANTITIES

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	4
STA.	TO STA.			
CONTRACT NO.: 97290				

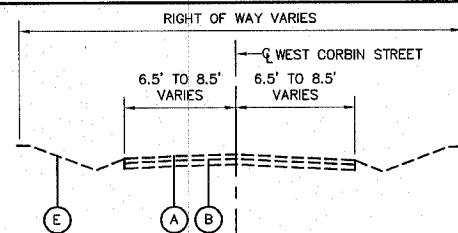
LEGEND

EXISTING

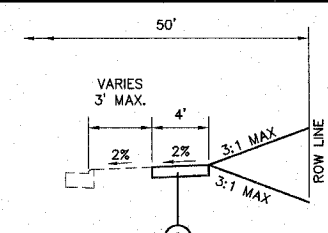
- (A) EXISTING SURFACE TREATMENT
- (B) EXISTING AGGREGATE BASE COURSE
- (C) EXISTING AGGREGATE SURFACE COURSE, A 6"
- (D) EXISTING COMBINATION CURB AND GUTTER
- (E) EXISTING GROUND SURFACE
- (F) EXISTING P.C. CONCRETE PAVEMENT 8.5"
- (G) EXISTING AGGREGATE BASE COURSE TYPE A, 4"

PROPOSED

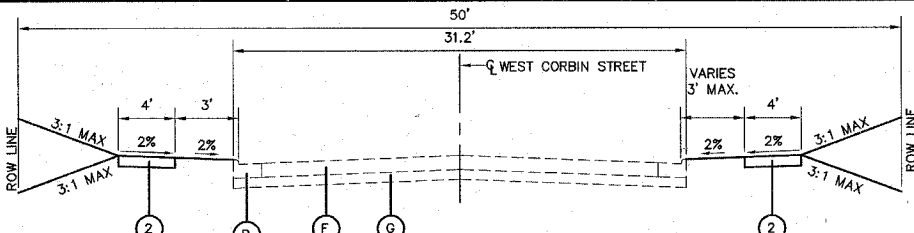
- (1) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH, 10")
- (2) PROPOSED CONCRETE SIDEWALK, 4"
- (3) PROPOSED CONCRETE CURB AND GUTTER TYPE B6.24
- (4) PROPOSED AGGREGATE BASE COURSE TYPE A, 4"
- (5) PROPOSED MODIFIED SOILS, 12"
- (6) PROPOSED 24" #6 EPOXY COATED TIE BARS @ 24" CTRS
- (7) PROPOSED 24" #6 EPOXY COATED TIE BARS @ 30" CTRS
- (8) PROPOSED P.C. CONCRETE PAVEMENT, 8.5" (JOINTED)
- (9) SAWED OR KEYED LONGITUDINAL JOINT
- (10) PROPOSED CONCRETE CURB AND GUTTER TYPE B6.12
- (11) PROPOSED P.C. CONCRETE PAVEMENT, 8"



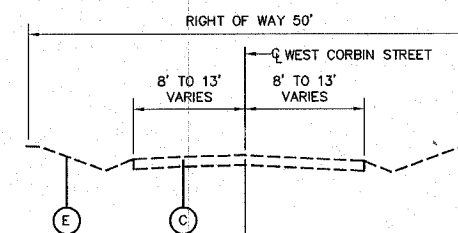
**EXISTING TYPICAL SECTION
WEST CORBIN STREET**
STA. 9+74.44 TO 22+51.15
NOT TO SCALE



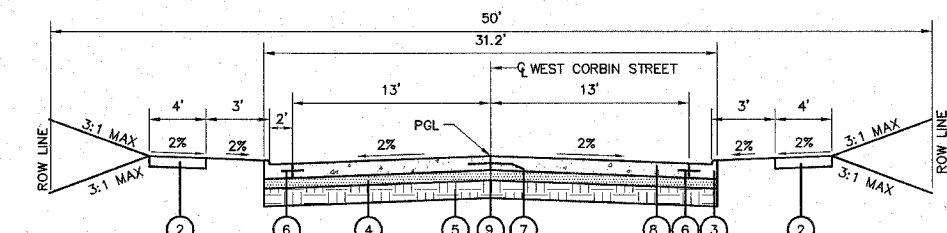
**PROPOSED TYPICAL SECTION
WEST CORBIN STREET**
STA. 9+74.44 TO 10+31.57
NOT TO SCALE



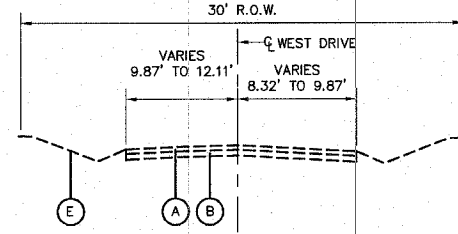
**PROPOSED TYPICAL SECTION
WEST CORBIN STREET**
STA. 10+31.57 TO 10+58.70
NOT TO SCALE



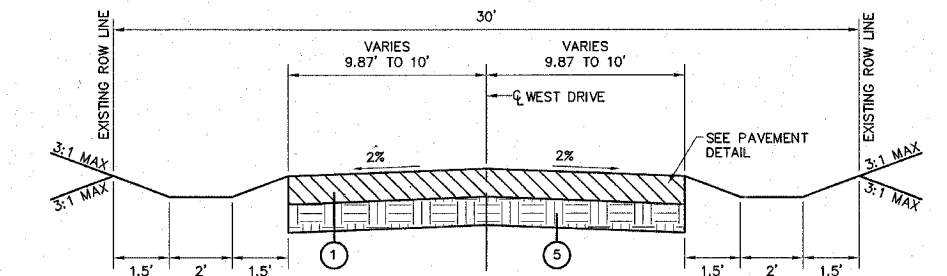
**EXISTING TYPICAL SECTION
WEST CORBIN STREET**
STA. 22+51.15 TO 23+10.97
NOT TO SCALE



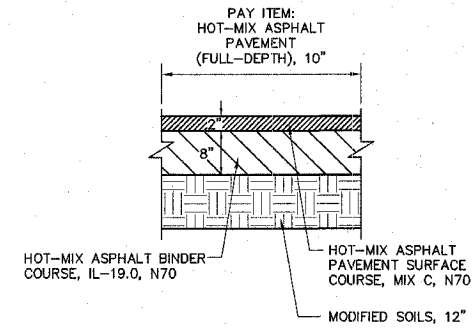
**PROPOSED TYPICAL SECTION
WEST CORBIN STREET**
STA. 10+58.70 TO 11+79.39
STA. 11+79.39 TO 11+99.03
STA. 11+99.03 TO 23+10.97
NOT TO SCALE



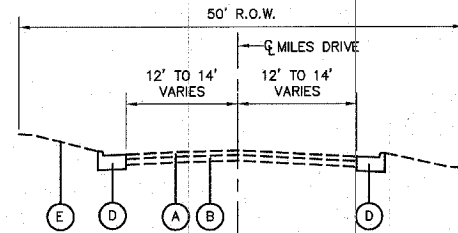
**EXISTING TYPICAL SECTION
WEST DRIVE**
STA. 400+00.00 TO 400+48.93
NOT TO SCALE



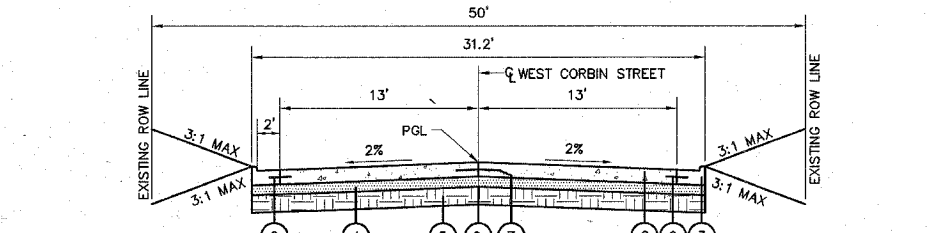
**PROPOSED TYPICAL SECTION
WEST DRIVE**
STA. 400+00.00 TO 400+48.93
NOT TO SCALE



PAVEMENT DETAIL



**EXISTING TYPICAL SECTION
MILES DRIVE**
STA. 200+13.02 TO 200+58.86
NOT TO SCALE



**PROPOSED TYPICAL SECTION
MILES DRIVE**
STA. 200+13.02 TO 200+58.86
NOT TO SCALE

**PAVEMENT STRUCTURAL DESIGN
INFORMATION, WEST CORBIN STREET**

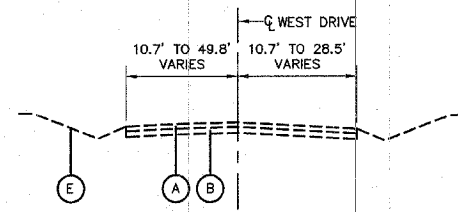
PAVEMENT TYPE: RIGID, NONREINFORCED, JOINTED
ROADWAY CLASSIFICATION: CLASS II ROADS AND STREETS
DESIGN SPEED: 35 MPH
DESIGN PERIOD: 20 YRS.
TRAFFIC DATA: ADT₁ = 3344
ADT₂ = 266
ADT₃ = 190
STRUCTURAL DESIGN TRAFFIC: 88% PV = 7% SU = 5% MU =
TRAFFIC FACTOR: 1.44
SUBGRADE SUPPORT RATING (SSR) = POOR

**BITUMINOUS MIXTURE DESIGN
INFORMATION, WEST CORBIN STREET**

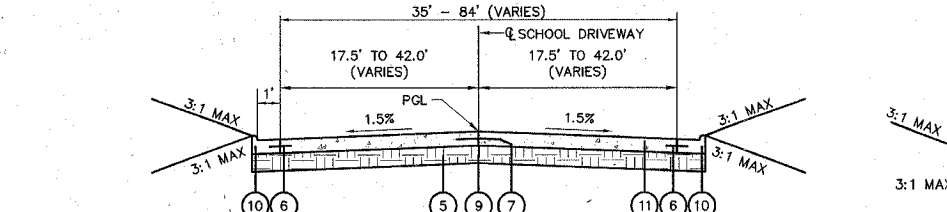
ADT (Construction Yr):	160				
MU%:	0				
SU%:	2				
20 YR. ESAL'S:	0.00				
MIXTURE USE	SURFACE	LEVEL BINDER	BINDER	INCIDENTAL SURF	Partial Depth Patch
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%	15%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)					
FRICION AGG	Mixture C	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"
MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS			
AC/PG	PG 58-22	PG 58-22			
RAP % (MAX)	30%	30%			
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30			
MIX COMPOSITION (GRADATION MIXTURE)					
FRICION AGG	BAM	BAM			

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.6%.

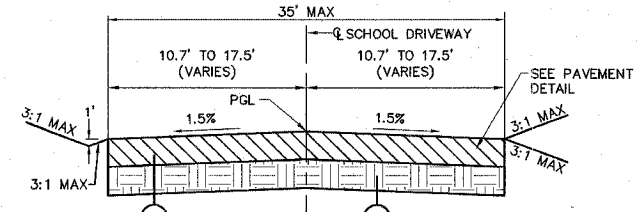
Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).



**EXISTING TYPICAL SECTION
SCHOOL DRIVEWAY**
STA. 500+05.30, 29.32 RT TO 502+10.94
NOT TO SCALE



**PROPOSED TYPICAL SECTION
SCHOOL DRIVEWAY**
STA. 500+15.58 TO 500+49.00
NOT TO SCALE



**PROPOSED TYPICAL SECTION
SCHOOL DRIVEWAY**
STA. 500+49.00 TO 502+10.94
NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

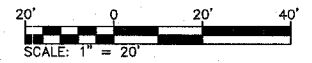
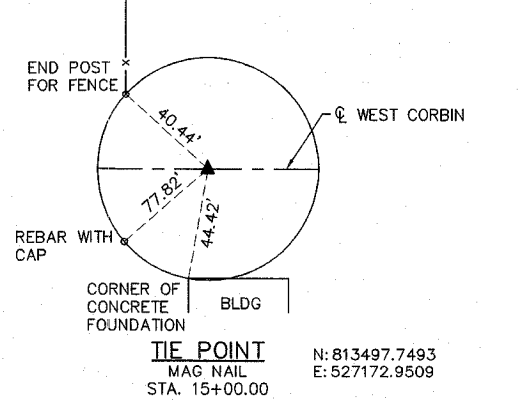
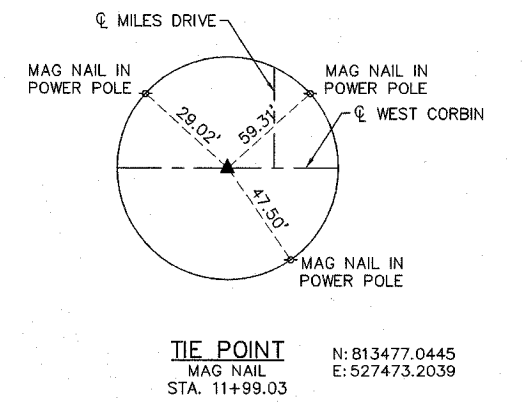
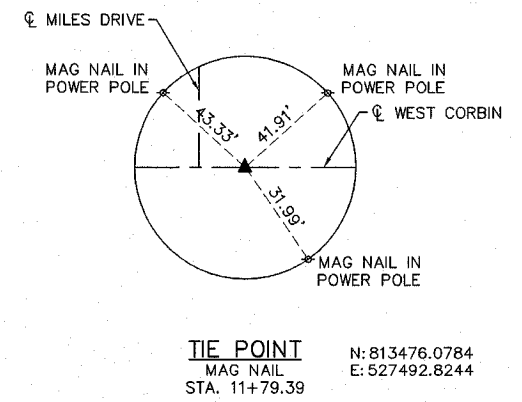
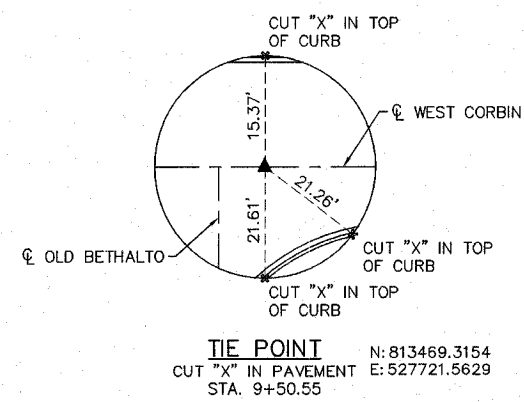
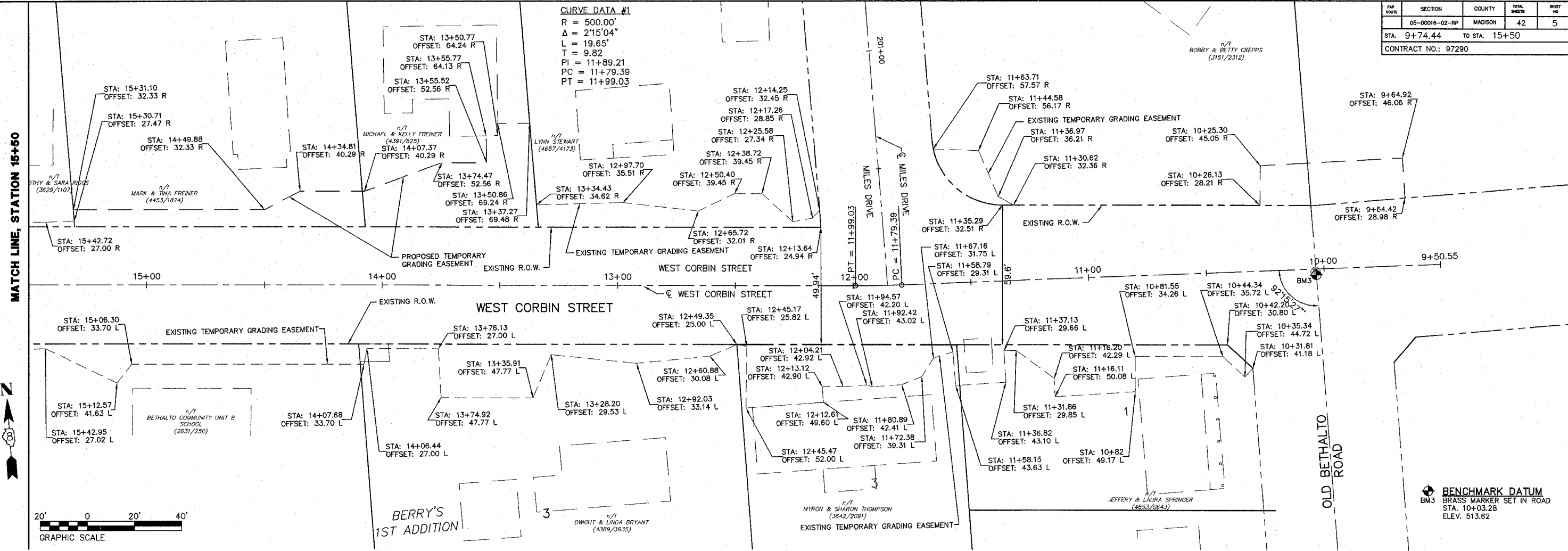
**EXISTING & PROPOSED
TYPICAL SECTIONS**

FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON

DRAWN BY: R.A.W.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
05-00016-02-RP		MADISON	42	5
STA. 9+74.44		TO STA. 15+50		
CONTRACT NO.: 97290				

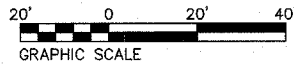
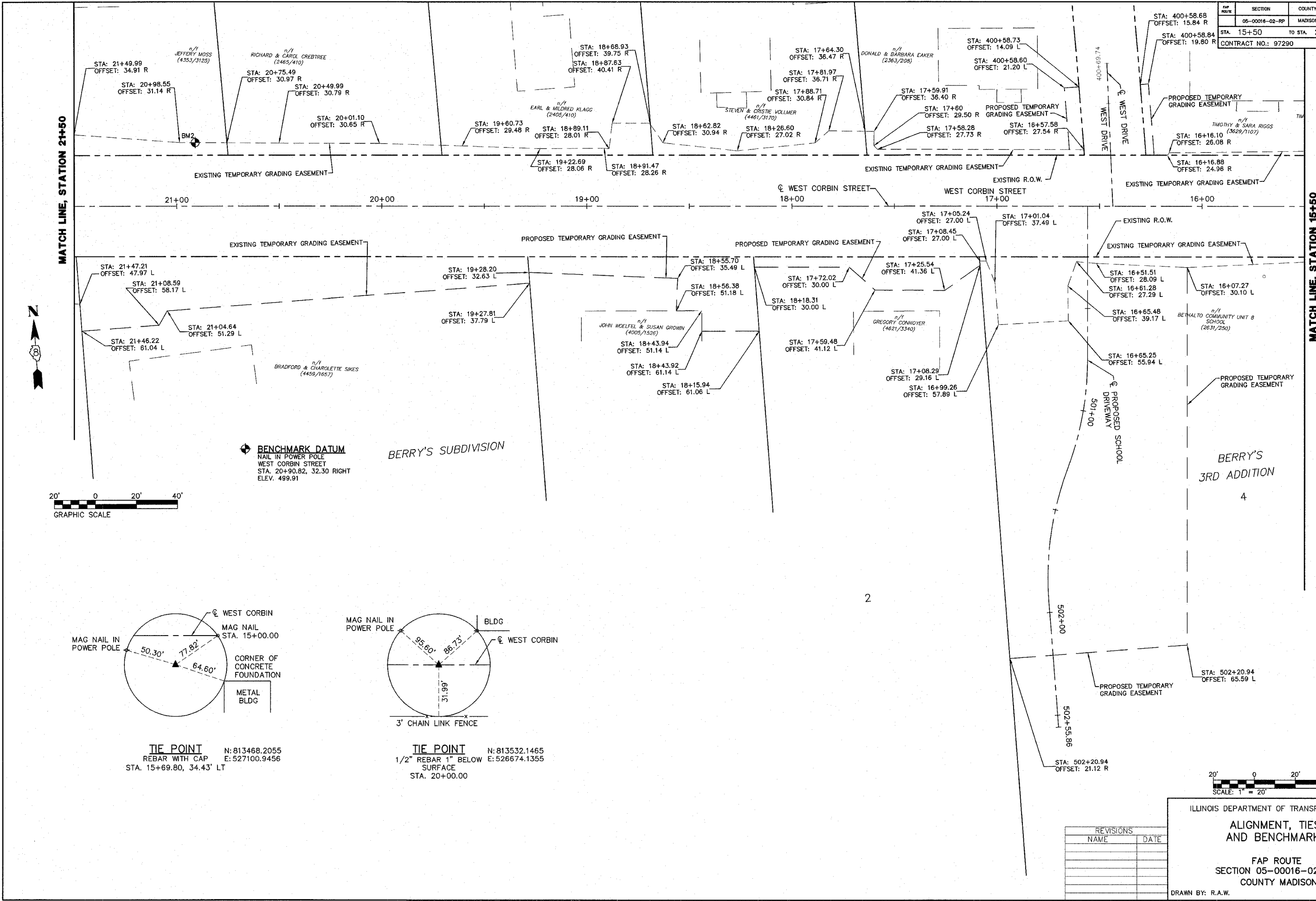
CURVE DATA #1
 R = 500.00'
 Δ = 2°15'04"
 L = 19.65'
 T = 9.82
 PI = 11+89.21
 PC = 11+79.39
 PT = 11+99.03



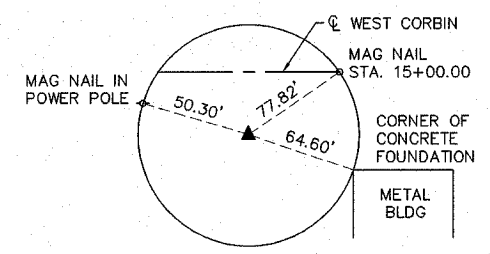
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ALIGNMENT, TIES,
 AND BENCHMARKS**
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

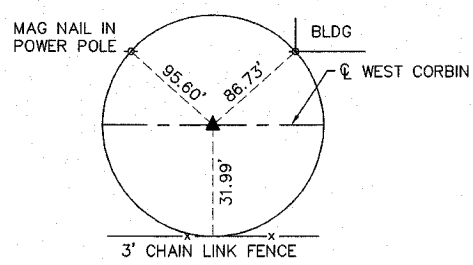
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	15+50 TO STA. 21+50	MADISON	42	6
CONTRACT NO.: 97290				



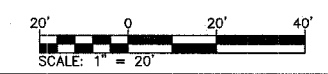
BENCHMARK DATUM
 NAIL IN POWER POLE
 WEST CORBIN STREET
 STA. 20+90.82, 32.30 RIGHT
 ELEV. 499.91



TIE POINT
 REBAR WITH CAP N: 813468.2055
 E: 527100.9456
 STA. 15+69.80, 34.43' LT



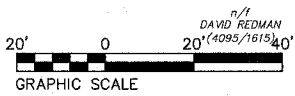
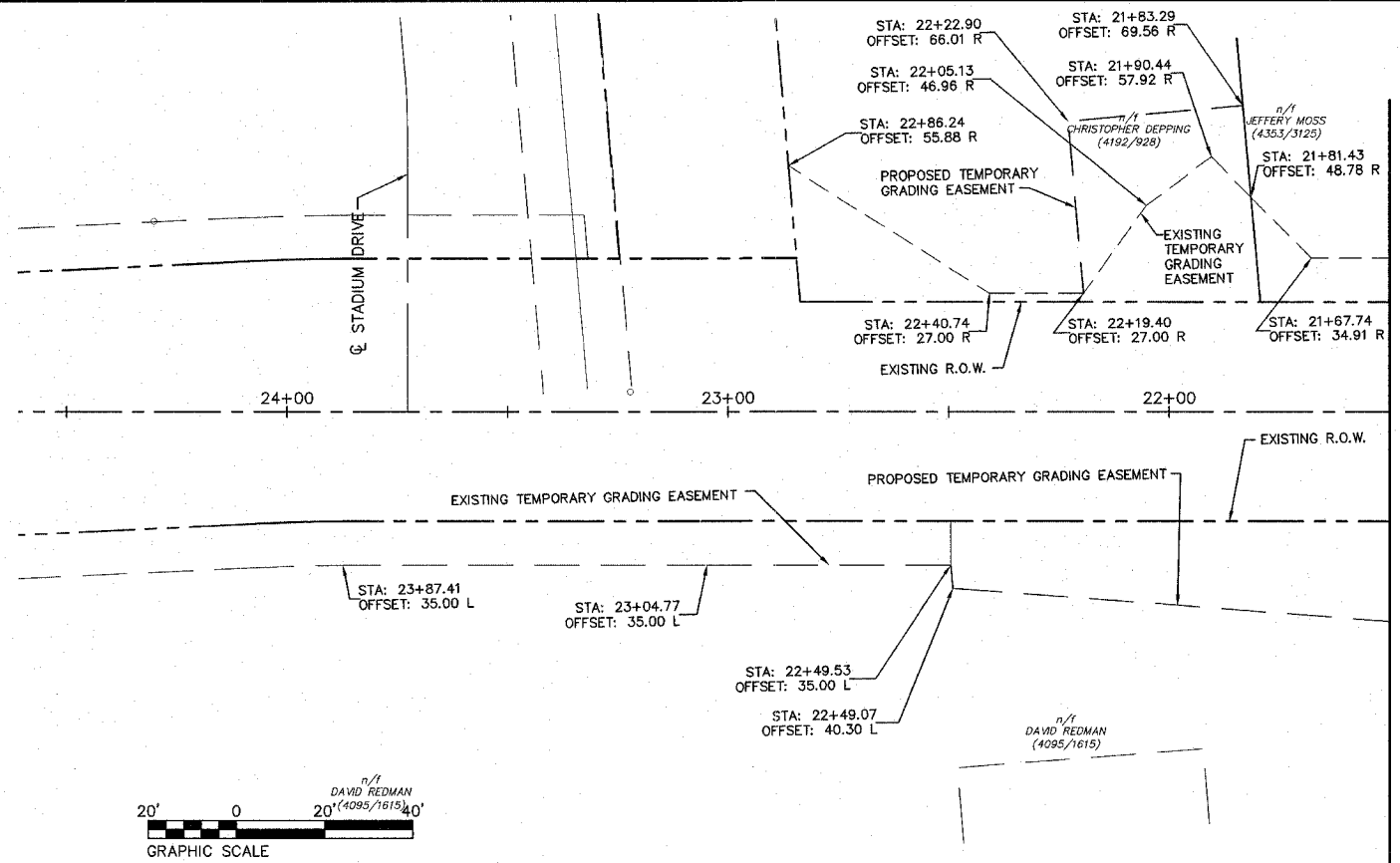
TIE POINT
 1/2" REBAR 1" BELOW SURFACE N: 813532.1465
 E: 526674.1355
 STA. 20+00.00



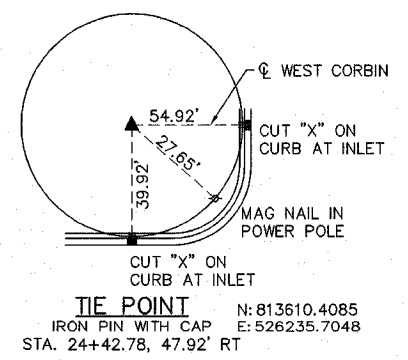
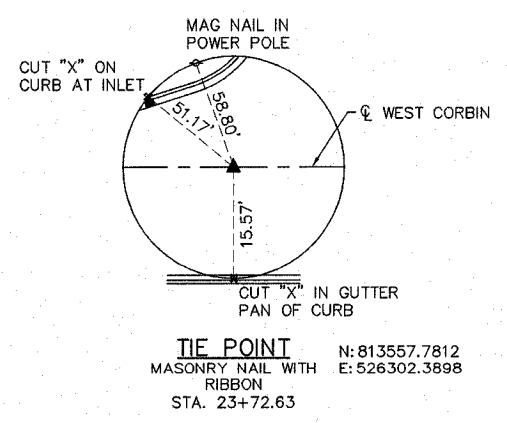
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ALIGNMENT, TIES,
 AND BENCHMARKS**
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP		MADISON	42	7
STA. 21+50 TO STA. 23+10.97		CONTRACT NO.: 97290		



MATCH LINE, STATION 21+50



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**ALIGNMENT, TIES,
 AND BENCHMARKS**
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

F&P NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00018-02-RP	MADISON	42	8
STA.	TO STA.			
CONTRACT NO.: 97290				

PAVING ITEMS

STATION TO STATION	PROCESSING MODIFIED SOIL 12" SQ YD	LIME TON	AGGREGATE BASE COURSE, TYPE A, 4" SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH, 10") SQ YD	PORTLAND CEMENT CONCRETE PAVEMENT 8 1/2" (JOINTED) SQ YD	PROTECTIVE COAT SQ YD	PORTLAND CEMENT CONCRETE SIDEWALK, 4" SQ FT	COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12 FOOT	COMBINATION CONCRETE CURB & GUTTER, TYPE B6.24 FOOT	PAVED DITCH, TYPE B-37, (SPECIAL) FOOT
WEST CORBIN											
9+74.44 TO 10+17.15 RT								170			
10+31.30 TO 10+89.15 LT								233			
10+34.31 TO 11+68.05 RT								526			
10+58.70 TO 23+10.97 X	4,335	84	4,335			3,618	5,221				
10+61.49 TO 11+48.84 RT										87	
10+63.20 TO 23+10.97 LT										1248	
11+13.15 TO 11+71.29 LT								222			
11+85.92 TO 12+19.24 LT								134			
12+07.26 TO 12+37.71 RT								105			
12+12.78 TO 12+22.47 LT								47			
12+26.47 TO 23+10.97 RT										1085	
12+40.18 TO 13+51.84 LT								436			
12+49.71 TO 13+50.00 RT								384			
13+70.84 TO 14+11.84 LT								143			
13+71.00 TO 14+07.13 RT								127			
14+28.13 TO 16+33.35 RT								808			
14+41.84 TO 14+83.85 LT								143			
14+48.45 TO 14+50.33 RT								9			
15+07.85 TO 16+19.62 LT								448			
16+55.99 TO 17+28.29 RT								276			
16+86.10 TO 17+72.62 LT								326			
17+40.29 TO 17+64.84 RT								81			
17+80.84 TO 18+70.69 RT								342			
18+01.62 TO 18+30.32 LT								97			
18+54.32 TO 21+16.49 LT								1,046			
18+84.69 TO 21+49.76 RT								1,058			
21+39.49 TO 22+38.85 LT								380			
21+69.76 TO 21+85.46 RT								45			
21+97.46 TO 23+10.97 RT								445			
22+50.85 TO 23+10.97 LT								227			
WEST CORBIN SUB-TOTAL	4,335	84	4,335			3,618	5,221	8,258		2,420	
SCHOOL DRIVEWAY											
500+15.58 TO 500+49 LT										47	
500+15.58 TO 500+49 RT										47	
500+15.58 TO 502+10.94	754	15									
500+22.00 TO 501+07.86 LT										459	
500+49.00 TO 502+10.94				209	558						
SCHOOL DRIVEWAY SUB-TOTAL	754	15		209	558			459		94	
MILES DRIVE											
200+13.02 TO 200+58.86 X						164					
200+13.02 TO 200+58.90 X							239				
200+13.53 TO 200+58.90 RT										58	
200+15.60 TO 200+58.86 X	175	3	175								
200+17.98 TO 200+58.82 LT										56	
200+22.84 TO 200+54.22 RT											37
MILES DRIVE SUB-TOTAL	175	3	175			164	239			114	37
WEST DRIVE											
400+15.64 TO 400+48.93	79	2		30	79						
WEST DRIVE SUB-TOTAL	79	2		30	79						
GRAND TOTAL	5,343	104	4,510	239	637	3,782	5,460	8,717	94	2,534	37

DRIVEWAY PAVEMENT SCHEDULES
WEST CORBIN STREET

STATION	O/S		EXISTING PAVEMENT TYPE	WIDTH EXISTING/PROPOSED	DRIVEWAY PAVEMENT REMOVAL SQ. YD.	P.C. CONCRETE DRIVEWAY PAVEMENT, 8" SQ. YD.	DEPTH OF CONC.	AGGREGATE SURFACE CSE. TYPE A, 6" SQ. YD.	DEPTH OF AGGREGATE	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8" SQ. YD.
11+01.15	LT	PE	CONC	28'/24'	65	81	28.6'	-		-
11+78.82	LT	PE	CONC	-/15'	-	51	21.7'	-		-
12+32.24	LT	PE	-	19'/24'	94	113	35.5'	-		-
12+43.83	RT	PE	BIT	12'/12'	27	30	18.9'	-		-
13+60.50	RT	PE	CONC	20'/21'	82	126	34.1'	-		-
13+61.34	LT	PE	GRAVEL	19'/19'	-	25	9.4'	49	17.8'	-
14+17.63	RT	PE	GRAVEL	25'/21'	-	27	9.4'	26	11.0'	-
14+26.84	LT	CE	GRAVEL	94'/30'	-	36	9.4'	19	3.7'	-
14+95.76	LT	CE	GRAVEL	94'/21'	-	27	9.4'	19	3.7'	-
16+55.87	LT	CE	-	-/35'	-	-	33.4'	-		179
16+85.55	LT	CE	BIT	29'/-	563	-	-	-		-
17+34.29	RT	PE	-	-/12'	-	17	9.4'	-		-
17+72.84	RT	PE	GRAVEL/CONC	16'/16'	8	33	15.9'	-		-
17+87.12	LT	PE	GRAVEL	29'/29'	-	35	9.4'	-		-
18+42.32	LT	PE	CONC	25'/24'	73	67	9.4' & 22.2'	-		-
18+77.69	RT	PE	GRAVEL	13'/14'	-	20	9.4'	14		-
21+27.99	LT	PE	BIT	23'/23'	152	90	32.6'	-		-
21+59.76	RT	PE	CONC	34'/20'	80	37	14.3'	-		-
21+91.46	RT	PE	-	-/12'	-	62	42.9'	-		-
22+44.85	LT	PE	GRAVEL/CONC	10'/12'	6	18	9.4'	-		-
TOTALS					1,150	895		127		179

F/P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
	05-00018-02-RP	MADISON	42	9
STA.		TO STA.		
CONTRACT NO.: 97290				

REMOVAL ITEMS

STATION TO STATION	COMBINATION CURB AND GUTTER REMOVAL FOOT 44000500	SIDEWALK REMOVAL SQ FT 44000600	PAVED DITCH REMOVAL FOOT 44004000	CONCRETE REMOVAL CU YD 50102400	CONCRETE RETAINING WALL REMOVAL CU YD *50104605
WEST CORBIN					
10+14.25 TO 10+16.55 RT			32		1
12+18.11 LT		111			
14+49.28 RT		6			
15+16.22 LT				1	
WEST CORBIN SUB-TOTAL		117	32	1	1
MILES DRIVE					
200+28.05 TO 200+58.90 RT	33				
200+31.80 TO 200+58.82 LT	28				
MILES DR SUB-TOTAL	61				
SCHOOL DRIVEWAY					
500+05.71 TO 501+07.86 LT		539			
SCHOOL DRIVEWAY DR SUB-TOTAL					
GRAND TOTAL	61	656	32	1	1

EARTH EXCAVATION SCHEDULE

LOCATION*	EARTH EXCAVATION (CUT)*	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE**	EMBANKMENT (FILL)*	EARTHWORK BALANCE WASTE OR (SHORTAGE)***
STA.	CU.YD.	CU.YD.	CU.YD.	CU.YD.
10+50, LT TO 23+27, LT	1,267	950	91	859
9+44, RT TO 23+27, RT	606	454	194	260
MILES DRIVE	33	25	0	25
WEST DRIVE	33	25	0	25
SCHOOL DRIVEWAY	1,378	1,033	463	570
GRAND TOTAL	3,317	2,487	749	1,739

*TAKEN FROM CROSS SECTIONS
 **QUANTITY OF EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25% ASSUMED)
 ***EARTHWORK REQUIRED: (-) = QUANTITY OF FILL OR EMBANKMENT NEEDED
 (+) = QUANTITY TO BE WASTED

STRUCTURE SCHEDULE

STATION TO STATION	MANHOLE FRAMES TO BE ADJUSTED EACH *60300350
WEST CORBIN	
11+78.41 RT	1
13+16.23 RT	1
16+43.66 RT	1
18+57.74 RT	1
WEST CORBIN SUB-TOTAL	4
GRAND TOTAL	4

RETAINING WALL SCHEDULE

STATION TO STATION	PIPE HANDRAIL, SPECIAL FOOT *50901765	RETAINING WALL, SPECIAL SQ FT *XX001607
WEST CORBIN		
10+17.15 RT		18
RT 11+25.40 TO 11+54.54	29	
LT 11+25.40 TO 11+53.11	28	
LT 13+97.84 TO 14+05.34		
WEST CORBIN SUB-TOTAL	57	
GRAND TOTAL	57	18

PIPE CULVERT REMOVAL

WEST CORBIN STREET			
STATION	O/S	SIZE/TYPE	LENGTH
11+36.62	X	24" CMP	32'
11+38.34	X	18" CMP	31'
12+31.89	LT	10" CMP	25'
16+89.81	LT	12" CMP	60'
17+73.12	RT	10" CMP	21'
17+84.30	LT	10" CMP	29'
18+42.05	LT	10" CMP	34'
18+77.20	RT	10" CMP	20'
21+24.36	LT	10" CMP	41'
21+65.02	RT	10" CMP	41'
22+43.86	LT	10" CMP	25'
GRAND TOTAL			359'

PAVEMENT MARKING

STATION TO STATION	PAINT PAVEMENT MARKING - LINE 4" FOOT 78001110	PAINT PAVEMENT MARKING - LINE 12" FOOT 78001150	PAINT PAVEMENT MARKING - LINE 24" FOOT 78001180
WEST CORBIN			
10+59.39 TO 11+51.22 X	184		
12+27.75 TO 17+31.07 X	940		
17+31.07 TO 23+10.97 X	145		
11+62.40 TO 12+12.90 RT		87	
16+29.90 TO 16+59.54 RT		51	
16+17.54 TO 16+94.19 LT		135	
23+31.32 RT			16
WEST CORBIN SUB-TOTAL	1,269	273	16
MILES DRIVE			
200+26.04 TO 200+58.86 X	65		
200+26.04 RT			17
MILES DRIVE SUB-TOTAL	65		17
WEST DRIVE			
400+25.02 TO 400+48.71 X	47		
400+25.02 RT			11
MILES DRIVE SUB-TOTAL	47		11
SCHOOL DRIVEWAY			
500+31.36 TO 500+71.36 X	80		
500+31.36 LT			22
MILES DRIVE SUB-TOTAL	80		22
GRAND TOTAL	1,461	273	66

SIGN SCHEDULE

STATION	O/S	TYPE	DESCRIPTION	SQ. FT.
WEST CORBIN				
10+46.70	18.70 LT	R1	STOP SIGN	6.25
11+01.82	16.86 RT	R7-1	NO PARKING SIGN	1.5
11+99.60	16.60 LT	R2-1/R7-1	SPEED LIMIT (25 M.P.H.) & NO PARKING SIGN	6.5
15+28.44	16.87 RT	R7-1	NO PARKING SIGN	1.5
17+20.29	16.98 LT	R2-1	SPEED LIMIT (25 M.P.H.)	5.0
18+58.77	17.24 RT	R2-1/R7-1	SPEED LIMIT (25 M.P.H.) & NO PARKING SIGN	6.5
20+90.03	17.00 RT	R7-1	NO PARKING SIGN	1.5
19+74.13	16.63 LT	R2-1	SPEED LIMIT (25 M.P.H.)	5.0
WEST CORBIN SUB-TOTAL				33.75
SCHOOL DRIVEWAY				
500+31.13	26.63 RT	R1	STOP SIGN	6.25
SCHOOL DRIVEWAY SUB-TOTAL				6.25
MILES DRIVE				
200+28.03	22.01 LT	D3	STREET SIGN	4.75
200+28.03	22.01 LT	R1	STOP SIGN	6.25
MILES DRIVE SUB-TOTAL				11.00
WEST DRIVE				
400+19.02	12.02 LT	D3	STREET SIGN	4.75
400+19.02	12.02 LT	R1	STOP SIGN	6.25
WEST DRIVE SUB-TOTAL				11.00
GRAND TOTAL				62

FENCE SCHEDULE

STATION TO STATION	FENCE TO BE REMOVE AND RE-ERECTED FOOT *XX000714
WEST CORBIN	
10+31.60 TO 10+80.80 LT	65
15+29.25 TO 20+66.70 LT	190
WEST CORBIN SUB-TOTAL	255
GRAND TOTAL	255

TREE REMOVAL SCHEDULES

STATION	O/S	TREE REMOVAL	
		TREE REMOVAL (6 TO 15 UNITS DIAMETER) UNITS	TREE REMOVAL (OVER 15 UNITS DIAMETER) UNITS
WEST CORBIN			
10+79.45	20' LT		24
11+39.90	33' RT		18
12+51.07	19' RT	6	
13+43.00	33' RT		18
17+25.06	29' LT	15	
17+41.02	23' LT	12	
17+59.00'	29' LT	15	
18+07.14	10' LT	12	
18+09.22	26' LT	15	
18+12.65	17' LT	15	
18+27.42	45' LT		30
GRAND TOTAL		90	90

EROSION CONTROL

STATION TO STATION	TEMPORARY DITCH CHECKS EACH 28000300	INLET AND PIPE PROTECTION EACH 28000500	FENCE (EROSION CONTROL) FEET 28000900	INLET PROTECTION, SPECIAL EACH *X2800500
WEST CORBIN				
10+85.10, 41.78' LT		1		
11+36.76, 22.50' LT		1		
11+36.76, 22.50' RT		1		
11+40.90, 22.50' LT		1		
11+40.90, 22.50' RT		1		
11+43.43, 22.50' LT		1		
11+43.43, 22.50' RT		1		
11+48.16, 14.83' LT		1		
11+48.16, 14.83' RT		1		
15+10.22 TO 16+21.19 LT			116	
17+49.44, 14.83' LT		1		
17+49.44, 14.83' RT		1		
20+14.44, 14.83' LT		1		
20+14.44, 14.83' RT		1		
21+53.13 TO 22+40.53 LT			92	
22+49.97 TO 23+15.86 LT			66	
23+00.98, 14.10' LT		1		
23+00.98, 14.10' RT		1		
WEST CORBIN SUB-TOTAL		14	274	
MILES DRIVE				
200+41.14, 19.08' LT				1
200+41.14, 19.08' RT				1
200+54.22 RT	1			
MILES DRIVE SUB-TOTAL	1			2
SCHOOL DRIVEWAY				
501+04.46 LT	1			
500+28.69 TO 502+15.94 LT			197	
502+09.43 LT	1			
SCHOOL DRIVEWAY SUB-TOTAL	2		197	
GRAND TOTAL	3	14	471	2

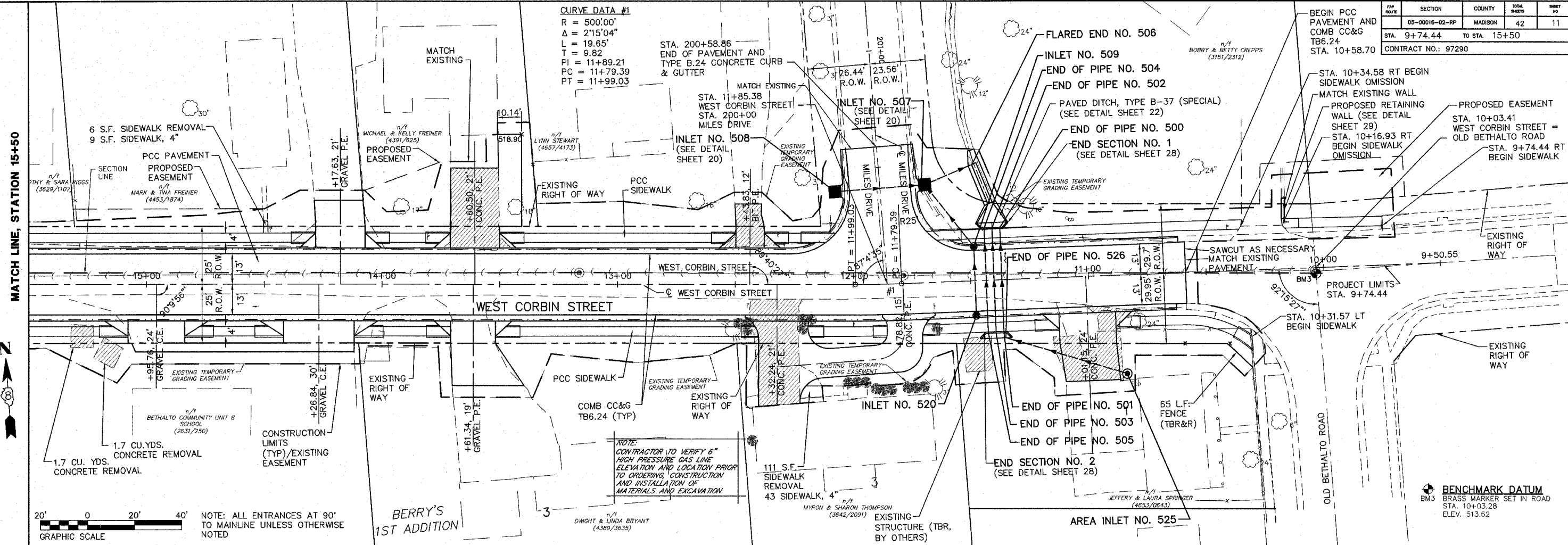
F&P ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	10
STA.		TO STA.		
CONTRACT NO.: 97290				

STORM SEWER SCHEDULE WEST CORBIN

LOCATION			STRUCTURE	POROUS GRANULAR BACKFILL	CAST IRON		INLETS			MANHOLE TYPE A	END SECTIONS 18" SPECIAL	STORM SEWERS, TYPE 1					STORM SEWERS, TYPE 2				STORM SEWERS, TYPE 4					STORM SEWERS, TYPE 1		
STATION	TO	STATION	NO.	DESCRIPTION	CU. YD.	FRAME	GRATE/LID	SPECIAL TYPE 1	TYPE A	TYPE B	5' DIA.	R.C.C.P.					R.C.C.P.				R.C.C.P.					PVC		
												12"	15"	18"	24"	30"	12"	15"	24"	30"	12"	15"	18"	24"	30"	14"	18"	
WEST CORBIN																												
LT 10+85.10			525	AREA INLET			TYPE 8		1																			
LT 10+85.10		LT 11+36.04																									54	
LT 11+36.04			526	END OF PIPE																								
LT 11+36.76			501	END OF PIPE																								
LT 11+36.76		RT 11+36.76			1																						45	
RT 11+36.76			500	END OF PIPE																								
LT 11+40.09			2	END SECTION																								
LT 11+40.09			503	END OF PIPE																								
LT 11+40.09		RT 11+40.09			1																						45	
RT 11+40.09			502	END OF PIPE																								
RT 11+40.09			1	END SECTION																								
LT 11+43.43			505	END OF PIPE																								
LT 11+43.43		RT 11+43.43			1																						45	
RT 11+43.43			504	END OF PIPE																								
LT 11+48.16			520	INLET			TYPE 3		1																			
LT 11+48.16		RT 11+48.16														30												
RT 11+48.16			509	INLET			TYPE 3			1																		
RT 11+48.16		RT 200+41.14			1										34													
RT 17+49.44			513	INLET			TYPE 3V		1																			
RT 17+49.44		LT 17+49.44			6																							
LT 17+49.44			512	INLET			TYPE 3V			1																		
LT 17+49.44		LT 20+14.44			100																							
LT 20+14.44			511	INLET			TYPE 3V			1																		
LT 20+14.44		LT 23+00.98			74																							
LT 23+00.98			510	INLET			TYPE 24				1																	
RT 20+14.44			514	INLET			TYPE 3V			1																		
RT 20+14.44		LT 20+14.44			8																							
RT 23+00.98			515	INLET			TYPE 24			1																		
RT 23+00.98		LT 23+00.98			5																							
WEST CORBIN SUB-TOTAL					197				5	3	1				64											54	135	
STORM SEWER SCHEDULE MILES DRIVE																												
MILES DRIVE																												
LT 200+41.14			508	INLET					1																			
LT 200+41.14		RT 200+41.14			4																							38
RT 200+41.14			507	INLET					1																			
RT 200+41.14		RT 200+48.13																										22
RT 200+48.13			506	FLARED END SECTION																								
MILES DRIVE SUB-TOTAL					4				2						60													
GRAND TOTAL					201				2	5	3	1			124											54	135	

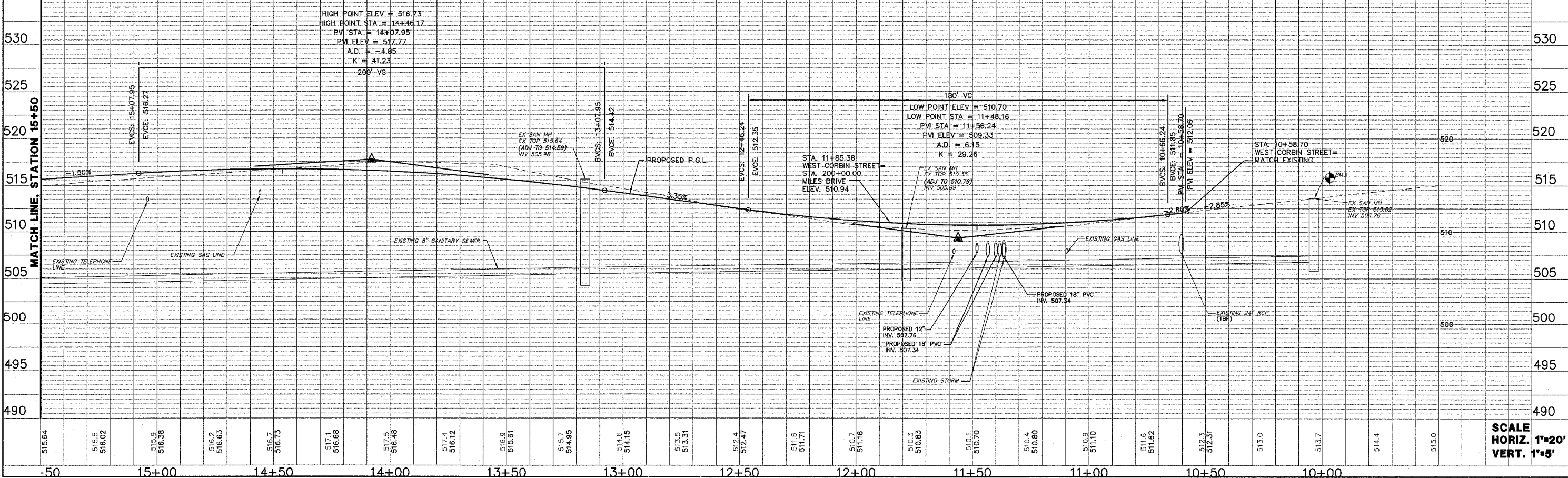
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-0016-02-RP	MADISON	42	11	
STA. 9+74.44 TO STA. 15+50				
CONTRACT NO.: 97290				

CURVE DATA #1
 R = 500'00"
 Δ = 2'15"04"
 L = 19.65'
 T = 9.82'
 PI = 11+89.21
 PC = 11+79.39
 PT = 11+99.03



PLAN	DATE	BY
SURVEYED	2/27/06	A.T.F.
DESIGNED		E.R.O.
CHECKED		E.R.O.
IN CHARGE		E.R.O.
NOTE BOOK NO.		
DATE		
BY		
DATE		
BY		
DATE		

PROFILE	DATE	BY
SURVEYED	2/27/06	A.T.F.
DESIGNED		E.R.O.
CHECKED		E.R.O.
IN CHARGE		E.R.O.
NOTE BOOK NO.		
DATE		
BY		
DATE		
BY		
DATE		



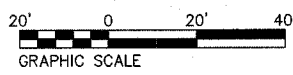
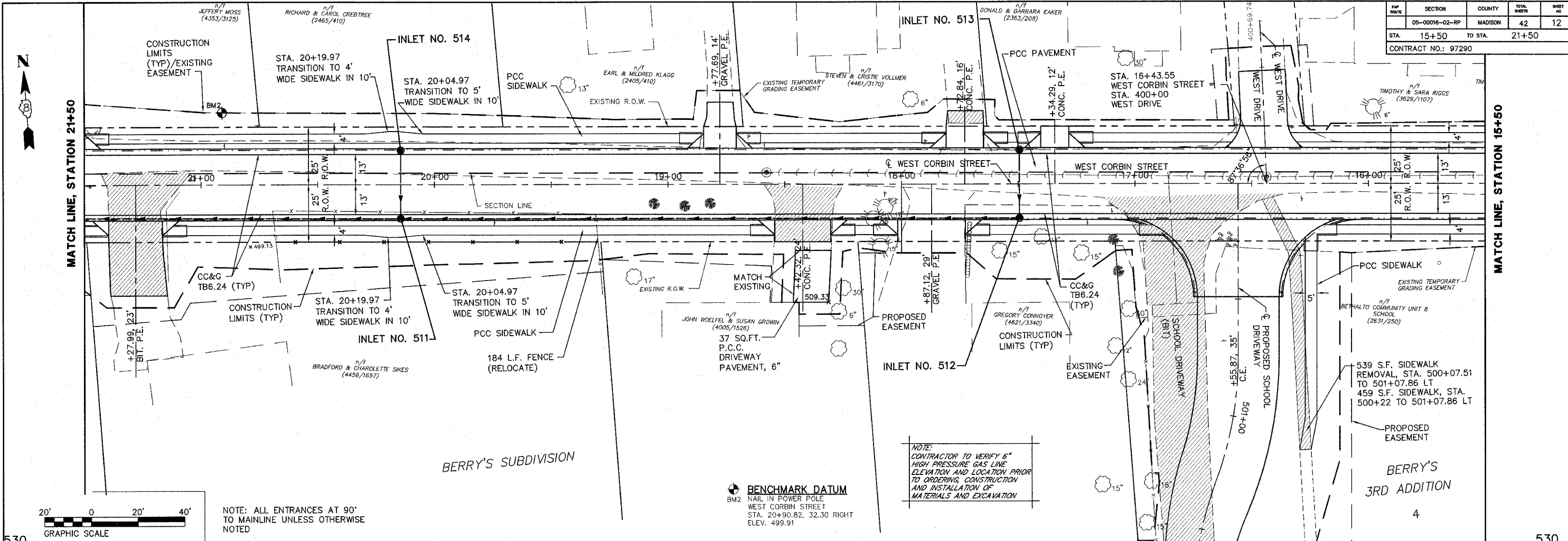
PLAN & PROFILE—WEST CORBIN STREET, STA. 9+74.44 TO 15+50

SCALE
 HORIZ. 1"=20'
 VERT. 1"=5'

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	12
STA. 15+50 TO STA. 21+50			
CONTRACT NO.: 97290			

PLAN	DATE	BY
SURVEYED	2/27/05	A.L.C.
PLOTTED	2/27/05	A.L.C.
CHECKED		
DATE		
NO.		

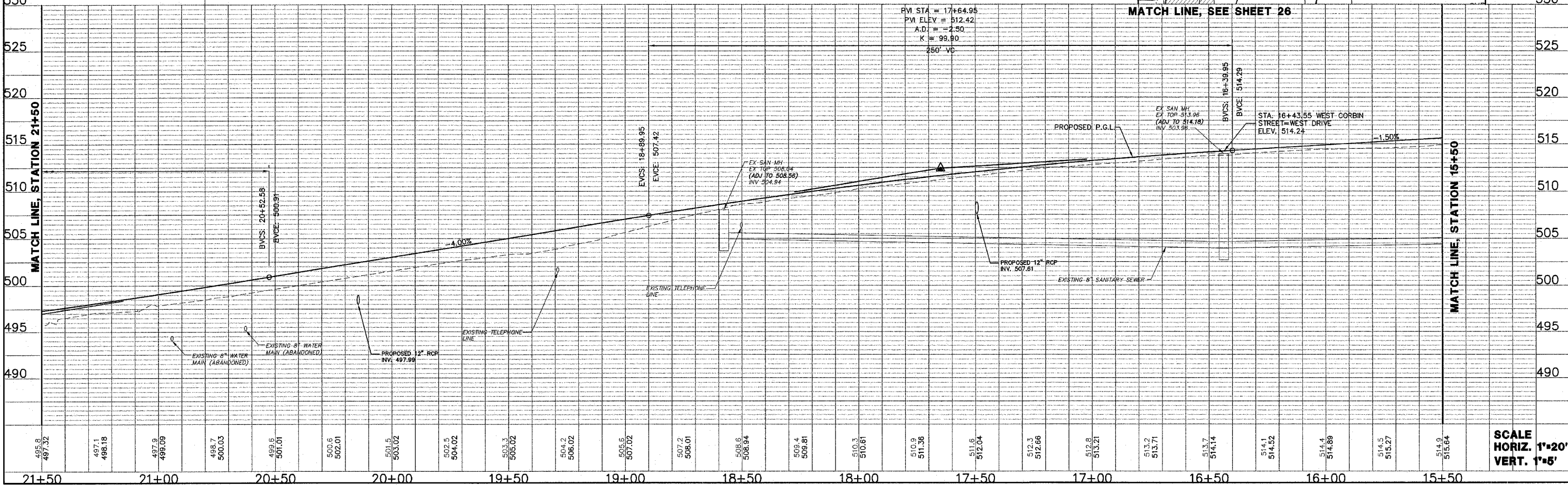
PROFILE	DATE	BY
SURVEYED	2/27/05	A.L.C.
PLOTTED	2/27/05	A.L.C.
CHECKED		
DATE		
NO.		



NOTE: ALL ENTRANCES AT 90° TO MAINLINE UNLESS OTHERWISE NOTED

BENCHMARK DATUM
 NAIL IN POWER POLE
 WEST CORBIN STREET
 STA. 20+90.82, 32.30 RIGHT
 ELEV. 499.91

NOTE:
 CONTRACTOR TO VERIFY 6" HIGH PRESSURE GAS LINE ELEVATION AND LOCATION PRIOR TO ORDERING CONSTRUCTION AND INSTALLATION OF MATERIALS AND EXCAVATION

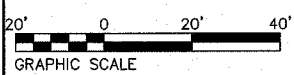


SCALE
 HORIZ. 1"=20'
 VERT. 1"=5'

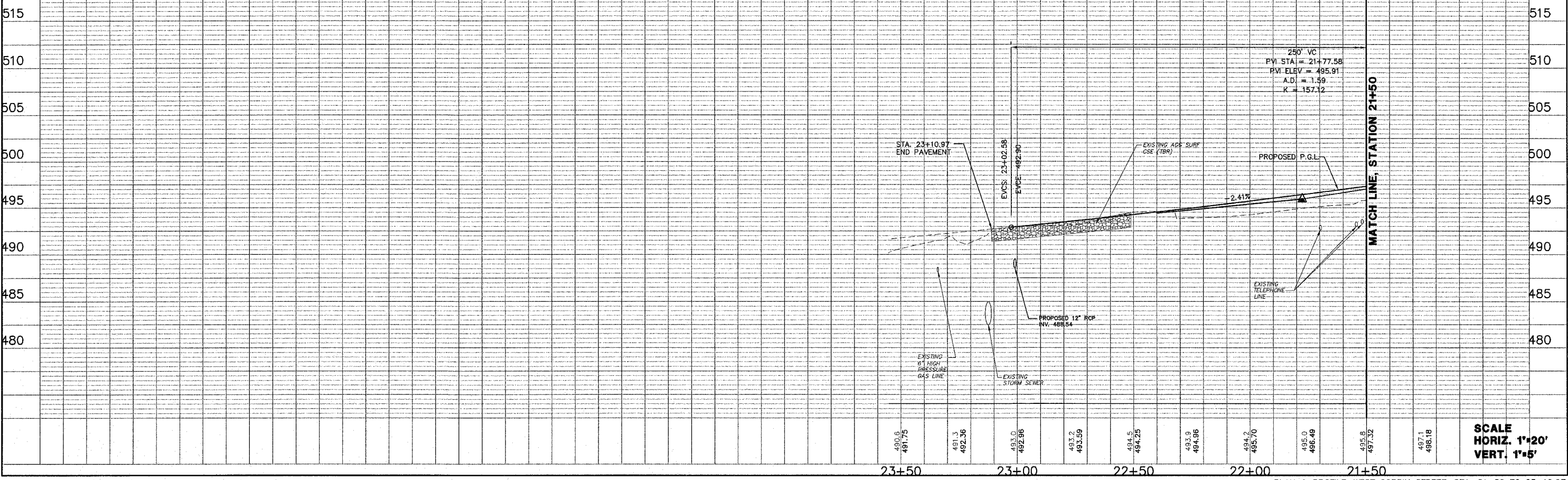
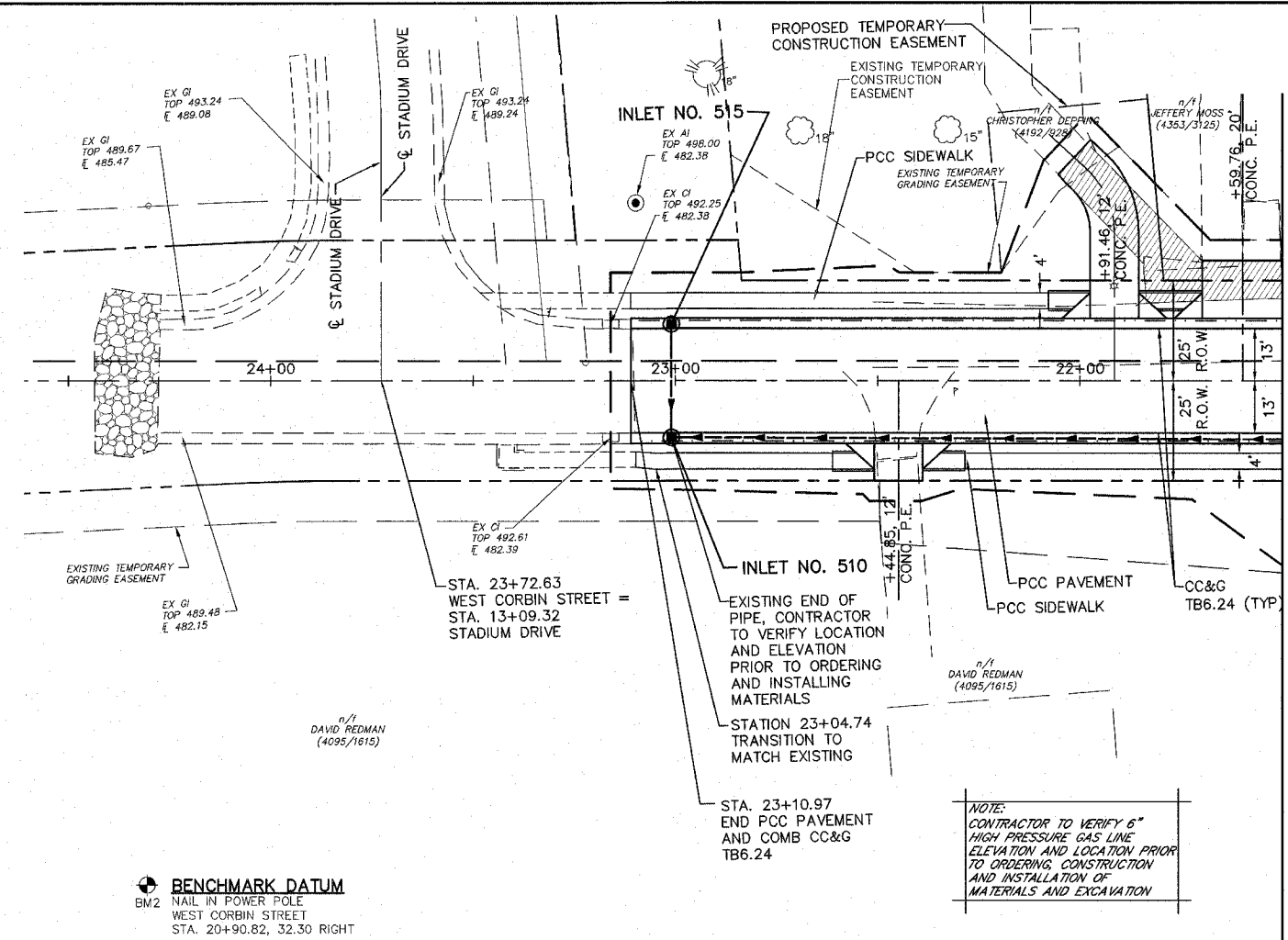
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	13	
STA. 21+50 TO STA. 27+00		CONTRACT NO.: 97290		

PLAN	DATE	BY
SURVEYED	7/27/08	J.F.F.
ADJUSTMENT CHECKED		E.R.O.
FIELD FILE NAME		050500016-02-RP
NO.		

PROFILE	DATE	BY
SURVEYED	7/27/08	J.F.F.
GRADES CHECKED		E.R.O.
BEAM NOTED		
STRUCTURE NOTATIONS OK'D		
NO.		



NOTE: ALL ENTRANCES AT 90° TO MAINLINE UNLESS OTHERWISE NOTED

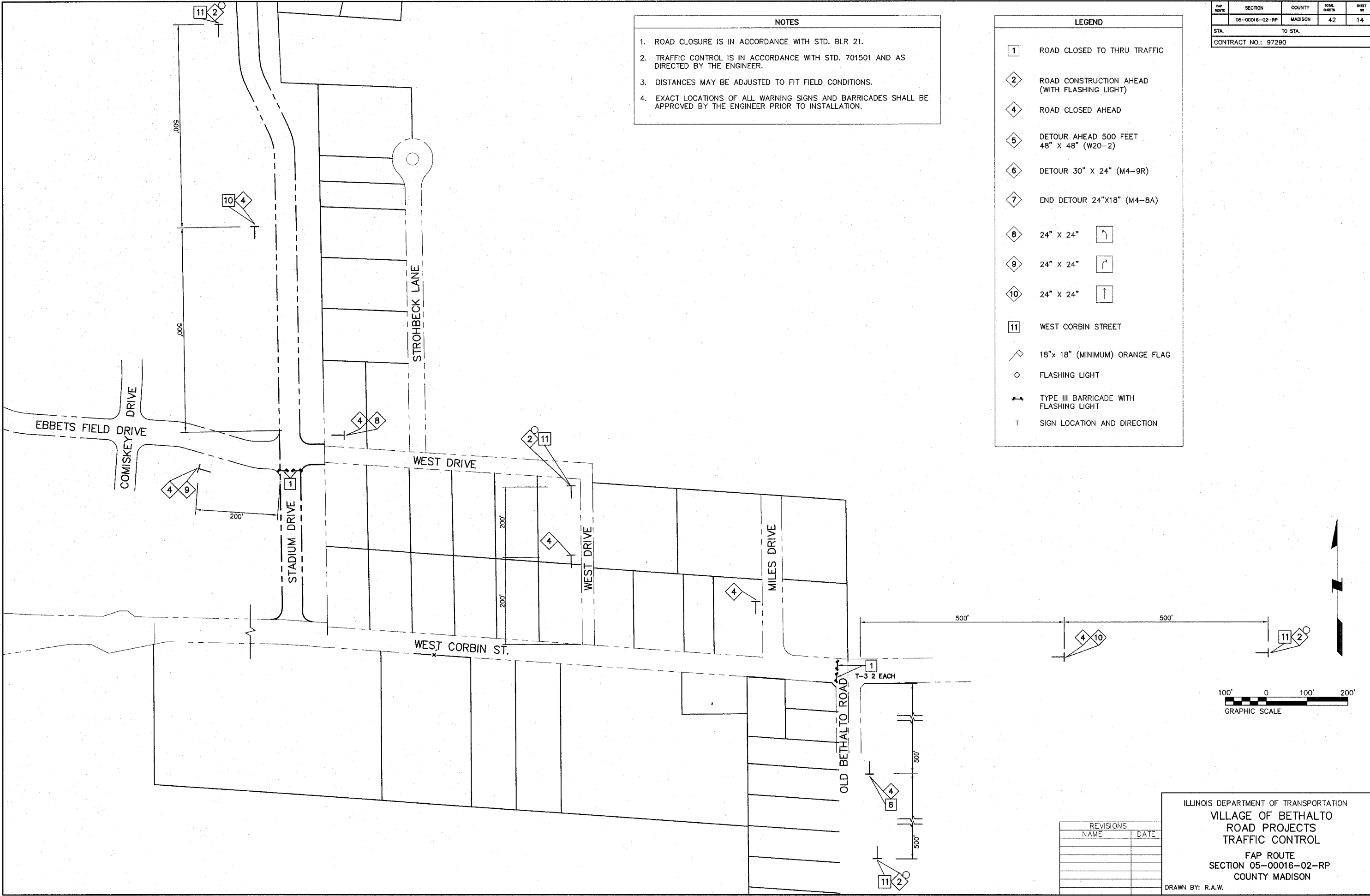


SCALE
HORIZ. 1"=20'
VERT. 1"=5'

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	14
STA.	TO STA.			
CONTRACT NO.: 97290				

- NOTES**
- ROAD CLOSURE IS IN ACCORDANCE WITH STD. BLR 21.
 - TRAFFIC CONTROL IS IN ACCORDANCE WITH STD. 701501 AND AS DIRECTED BY THE ENGINEER.
 - DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
 - EXACT LOCATIONS OF ALL WARNING SIGNS AND BARRICADES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

- LEGEND**
- 1 ROAD CLOSED TO THRU TRAFFIC
 - 2 ROAD CONSTRUCTION AHEAD (WITH FLASHING LIGHT)
 - 4 ROAD CLOSED AHEAD
 - 5 DETOUR AHEAD 500 FEET 48" X 48" (W20-2)
 - 6 DETOUR 30" X 24" (M4-9R)
 - 7 END DETOUR 24"X18" (M4-8A)
 - 8 24" X 24"
 - 9 24" X 24"
 - 10 24" X 24"
 - 11 WEST CORBIN STREET
 - 18"x 18" (MINIMUM) ORANGE FLAG
 - FLASHING LIGHT
 - TYPE III BARRICADE WITH FLASHING LIGHT
 - T SIGN LOCATION AND DIRECTION









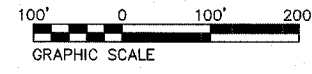
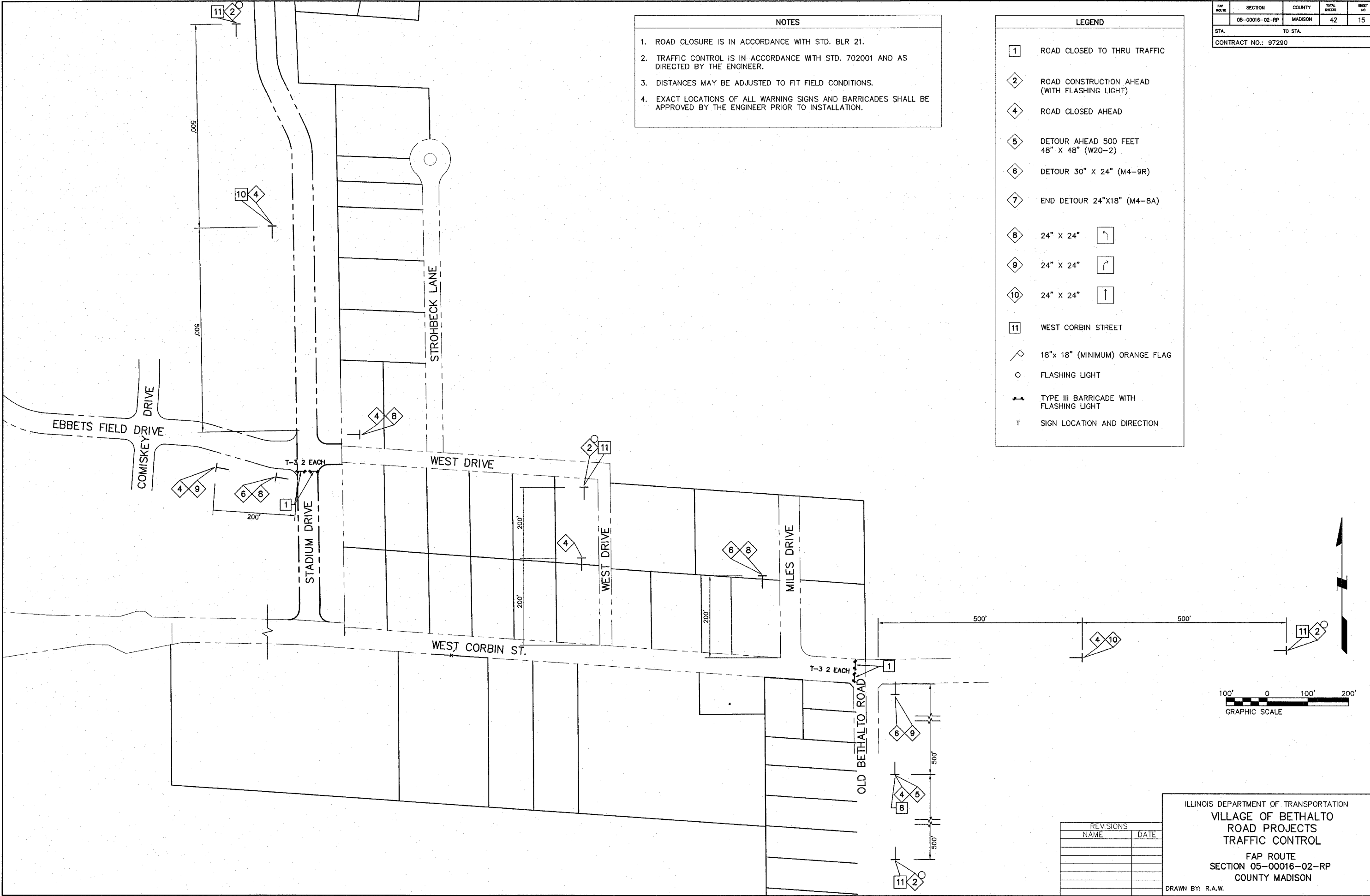
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF BETHALTO
ROAD PROJECTS
TRAFFIC CONTROL
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	15
STA.	TO STA.			
CONTRACT NO.: 97290				

- NOTES**
- ROAD CLOSURE IS IN ACCORDANCE WITH STD. BLR 21.
 - TRAFFIC CONTROL IS IN ACCORDANCE WITH STD. 702001 AND AS DIRECTED BY THE ENGINEER.
 - DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
 - EXACT LOCATIONS OF ALL WARNING SIGNS AND BARRICADES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.







- LEGEND**
- 1 ROAD CLOSED TO THRU TRAFFIC
 - 2 ROAD CONSTRUCTION AHEAD (WITH FLASHING LIGHT)
 - 4 ROAD CLOSED AHEAD
 - 5 DETOUR AHEAD 500 FEET 48" X 48" (W20-2)
 - 6 DETOUR 30" X 24" (M4-9R)
 - 7 END DETOUR 24"X18" (M4-8A)
 - 8 24" X 24" 
 - 9 24" X 24" 
 - 10 24" X 24" 
 - 11 WEST CORBIN STREET
 -  18"x 18" (MINIMUM) ORANGE FLAG
 -  FLASHING LIGHT
 -  TYPE III BARRICADE WITH FLASHING LIGHT
 - T SIGN LOCATION AND DIRECTION



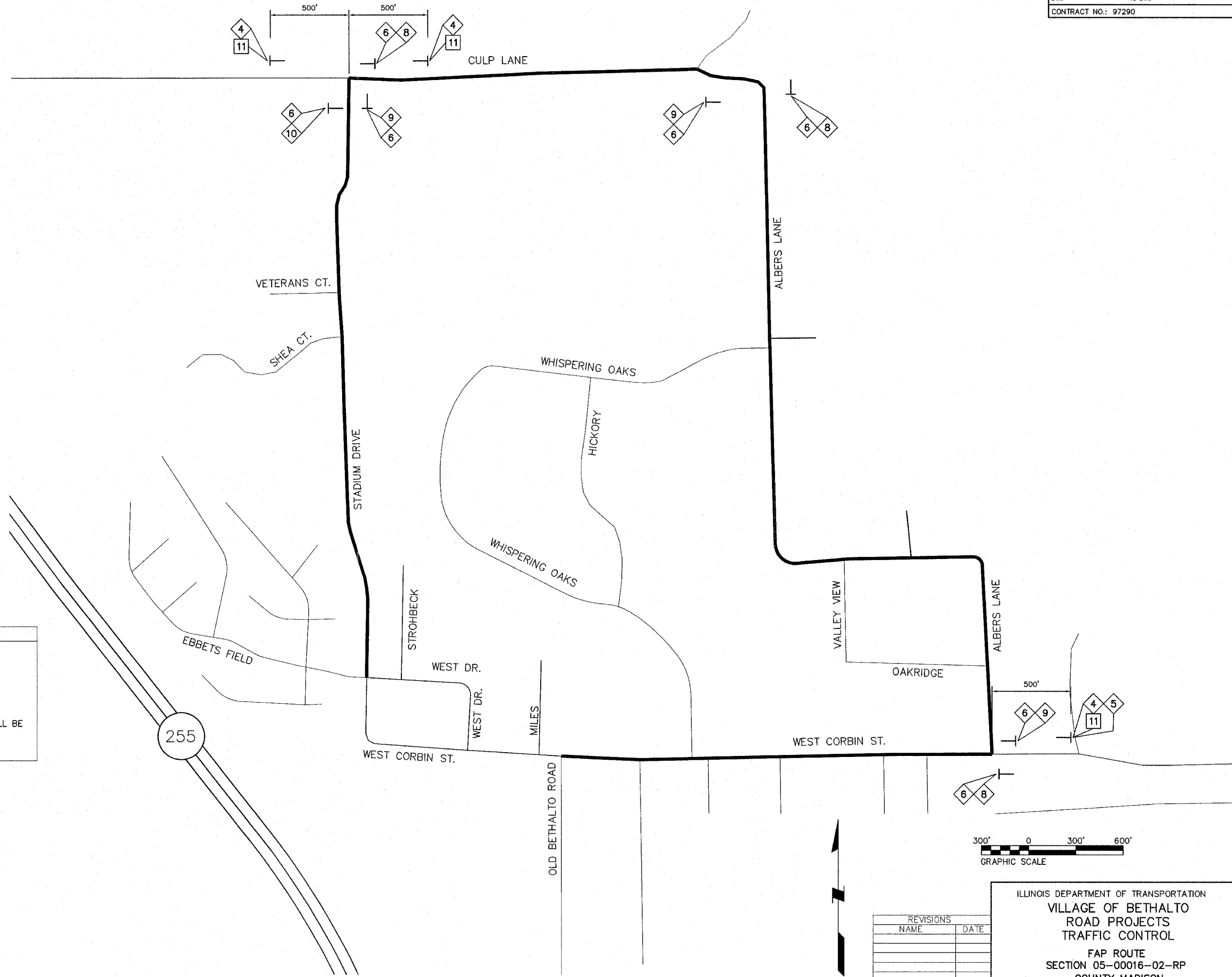
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF BETHALTO
 ROAD PROJECTS
 TRAFFIC CONTROL
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	16
STA.	TO STA.			
CONTRACT NO.: 97290				

LEGEND	
1	ROAD CLOSED TO THRU TRAFFIC
2	ROAD CONSTRUCTION AHEAD (WITH FLASHING LIGHT)
4	ROAD CLOSED AHEAD
5	DETOUR AHEAD 500 FEET 48" X 48" (W20-2)
6	DETOUR 30" X 24" (M4-9R)
7	END DETOUR 24"X18" (M4-8A)
8	24" X 24" 
9	24" X 24" 
10	24" X 24" 
11	WEST CORBIN STREET
	18"x 18" (MINIMUM) ORANGE FLAG
	FLASHING LIGHT
	TYPE III BARRICADE WITH FLASHING LIGHT
T	SIGN LOCATION AND DIRECTION

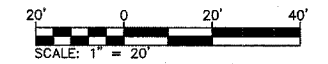
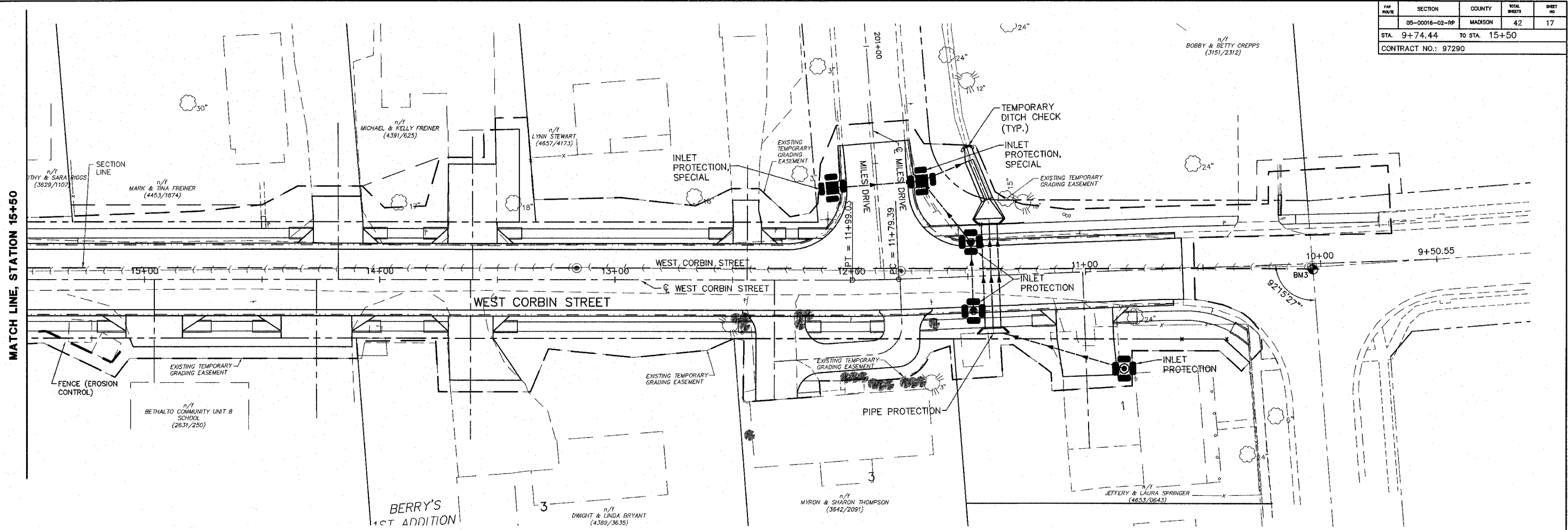
NOTES	
1.	ROAD CLOSURE IS IN ACCORDANCE WITH STD. BLR 21.
2.	TRAFFIC CONTROL IS IN ACCORDANCE WITH STD. 702001 AND AS DIRECTED BY THE ENGINEER
3.	DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
4.	EXACT LOCATIONS OF ALL WARNING SIGNS AND BARRICADES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF BETHALTO
ROAD PROJECTS
TRAFFIC CONTROL
FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON
DRAWN BY: R.A.W.

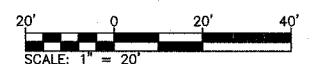
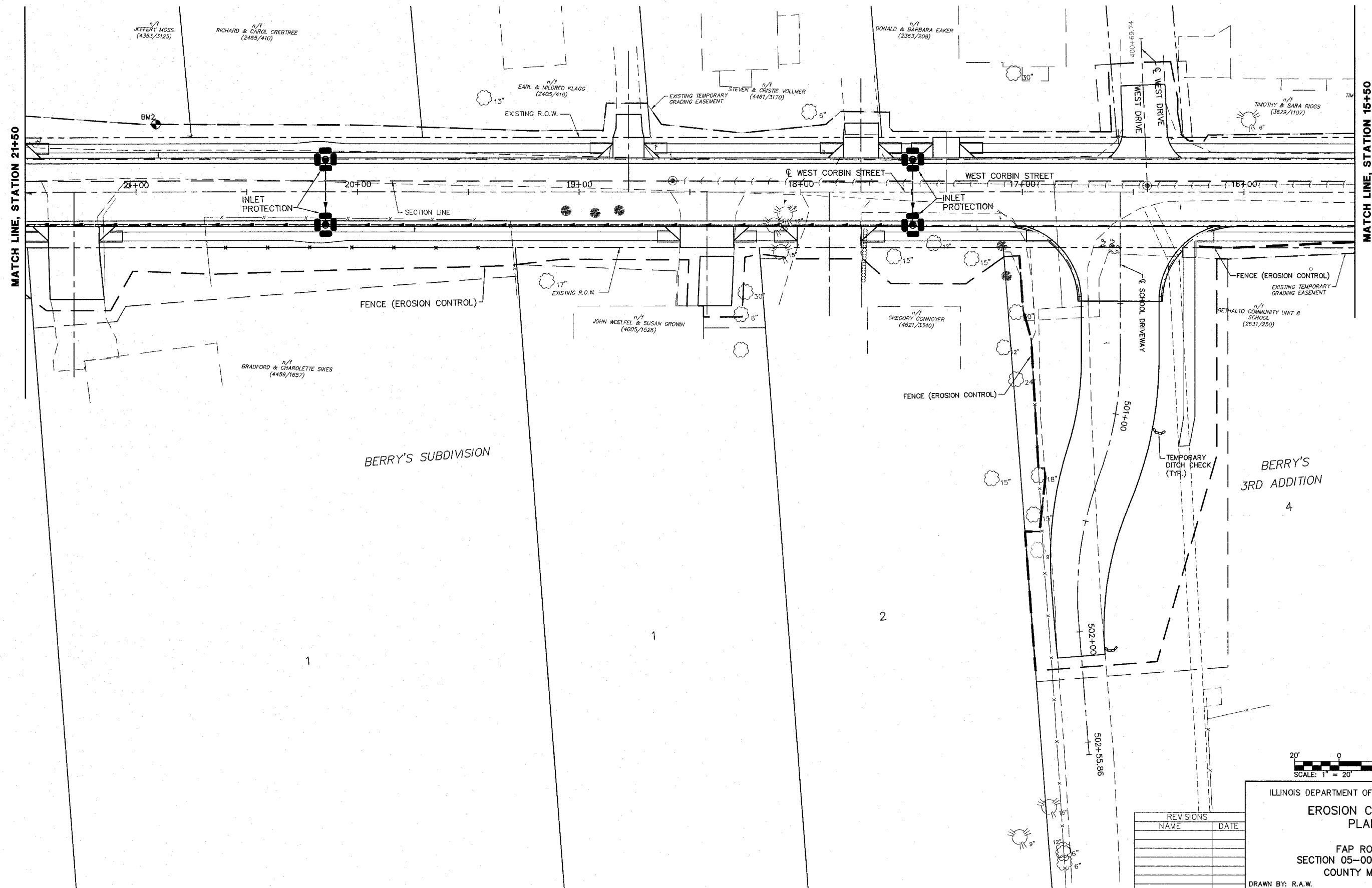
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	17
STA. 9+74.44		TO STA. 15+50		
CONTRACT NO.: 97290				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

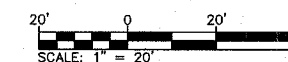
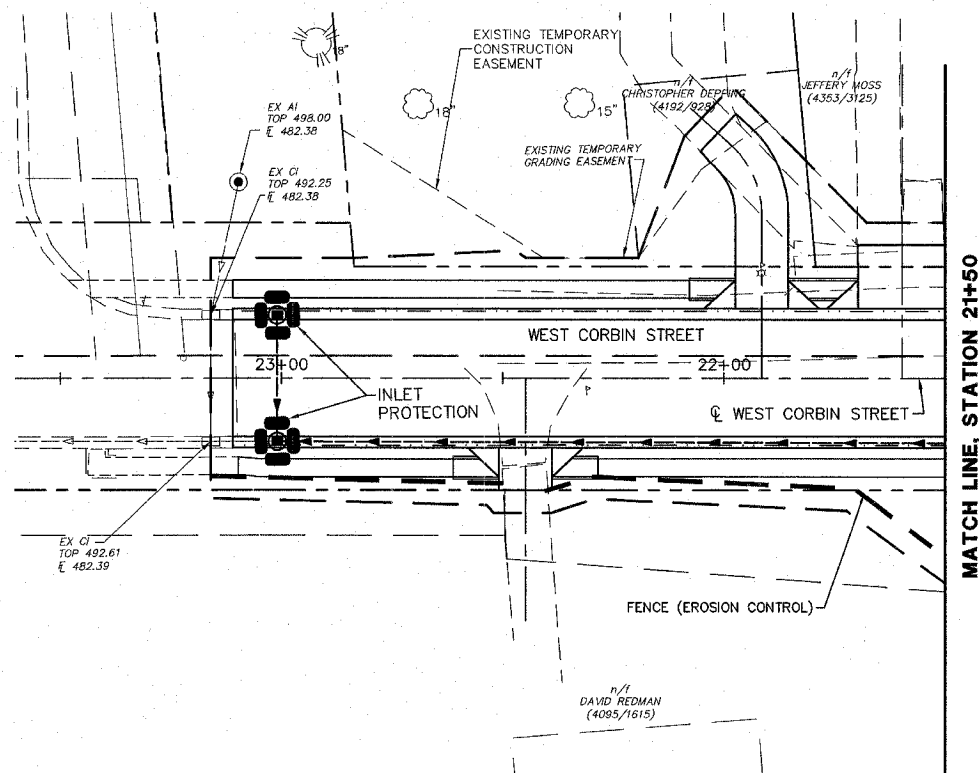
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	05-00016-02-RP	MADISON	42	18
STA. 15+50		TO STA. 21+50		
CONTRACT NO.: 97290				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

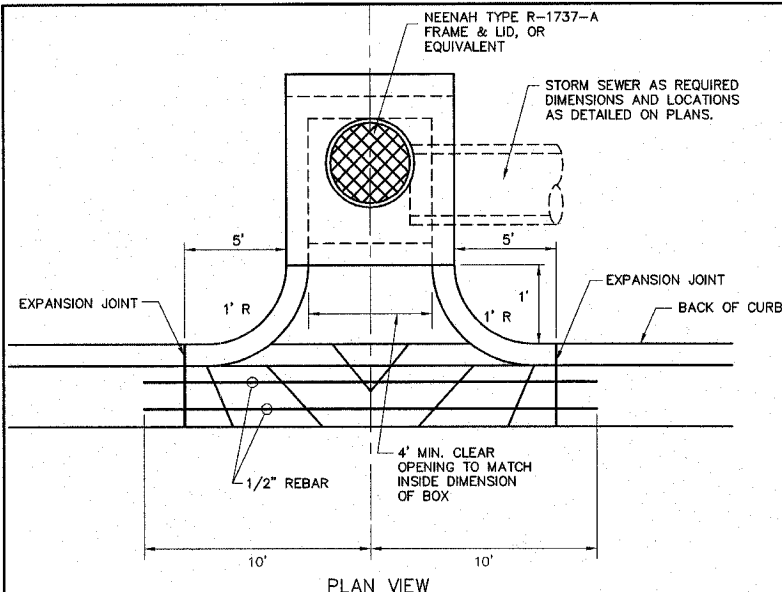
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	19
STA. 21+50		TO STA. 23+10.97		
CONTRACT NO.: 97290				



REVISIONS	
NAME	DATE

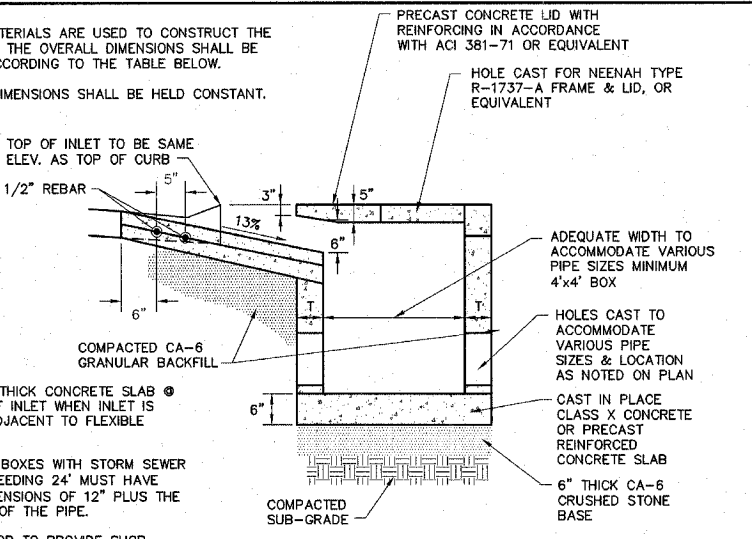
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.

F&P SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	20
STA.		TO STA.		
CONTRACT NO.: 97290				



IF OTHER MATERIALS ARE USED TO CONSTRUCT THE INLET WALLS, THE OVERALL DIMENSIONS SHALL BE ADJUSTED ACCORDING TO THE TABLE BELOW. THE INSIDE DIMENSIONS SHALL BE HELD CONSTANT.

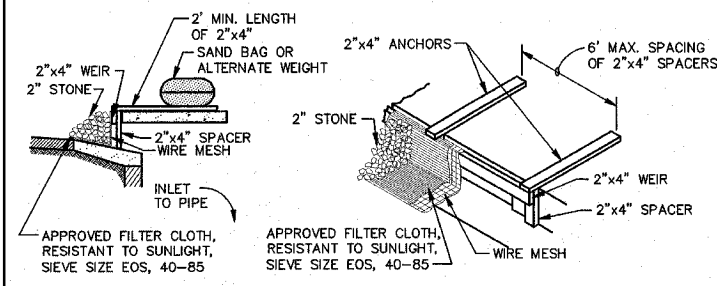
- NOTE:
1. PLACE 9" THICK CONCRETE SLAB @ THROAT OF INLET WHEN INLET IS PLACED ADJACENT TO FLEXIBLE PAVEMENT.
 2. ALL INLET BOXES WITH STORM SEWER PIPES EXCEEDING 24" MUST HAVE INNER DIMENSIONS OF 12" PLUS THE DIAMETER OF THE PIPE.
 3. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION OR FABRICATION.



ALTERNATE MATERIALS FOR INLET WALLS	T" (MIN.)
PRE-CAST	6"
CAST IN PLACE CONC.	6"

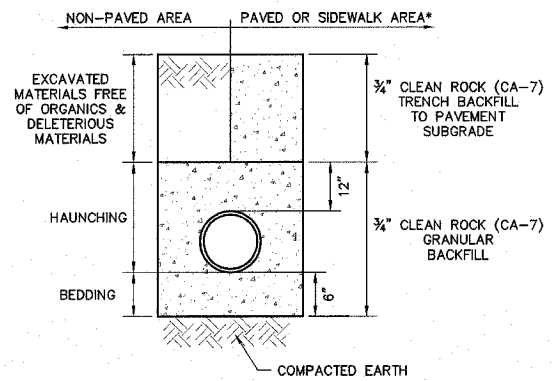
INLET SPECIAL NO. 1

NOT TO SCALE



INLET PROTECTION SPECIAL DETAIL

NO SCALE



STORM SEWER TRENCH DETAIL

NOT TO SCALE

*NOTE: TRENCH BACKFILL TO BE USED IN AREAS WHERE TRENCH IS UNDER OR EDGE OF TRENCH IS WITHIN 2 FEET OF PAVEMENT, SIDEWALKS, CURB & GUTTER, ETC.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS

FAP ROUTE

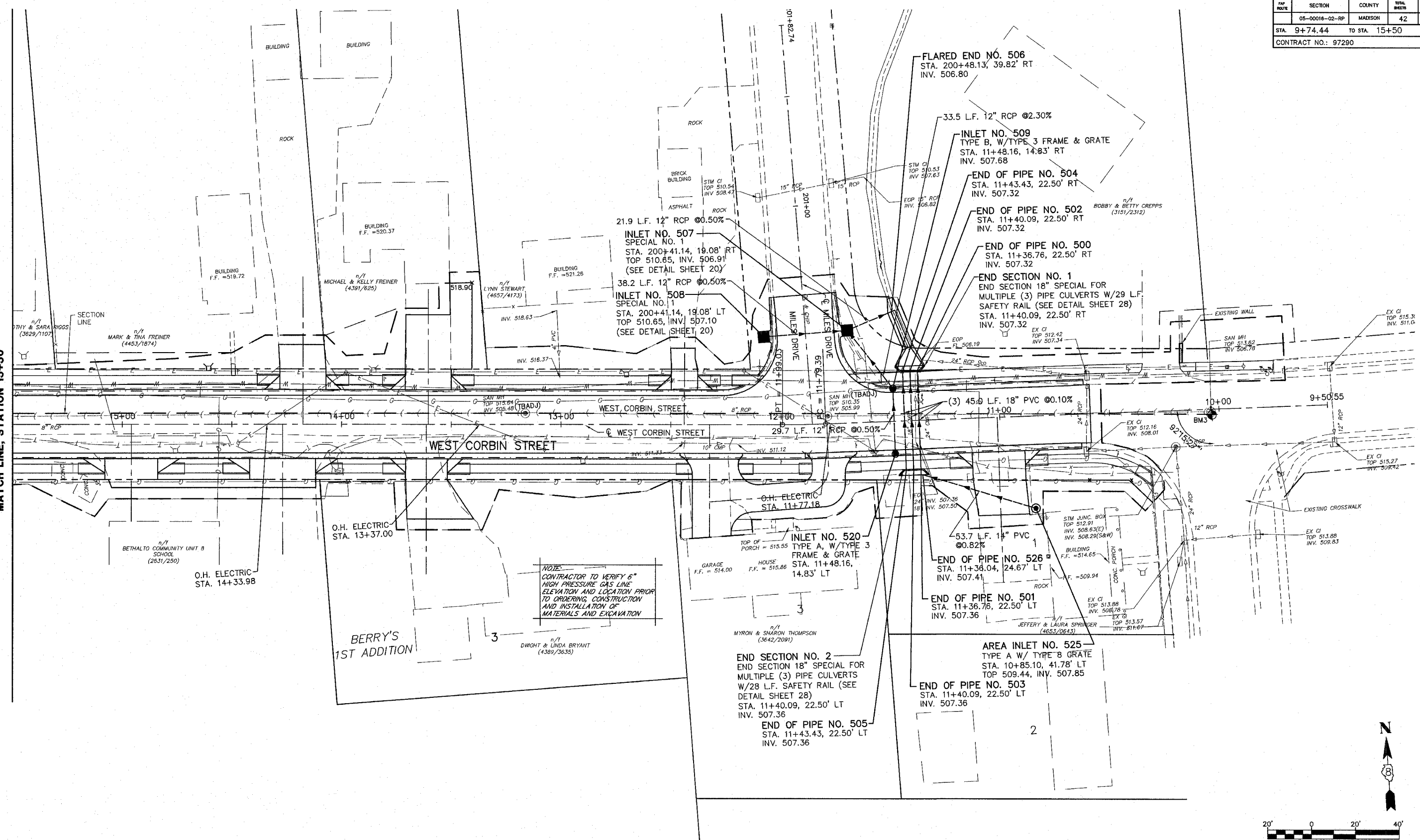
SECTION 05-00016-02-RP

COUNTY MADISON

DRAWN BY: R.A.W.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	21	
STA. 9+74.44		TO STA. 15+50		
CONTRACT NO.: 97290				

MATCH LINE, STATION 15+50



NOTE:
CONTRACTOR TO VERIFY 6" HIGH PRESSURE GAS LINE ELEVATION AND LOCATION PRIOR TO ORDERING, CONSTRUCTION AND INSTALLATION OF MATERIALS AND EXCAVATION

- NOTES:**
- SEE SCHEDULE SHEET 9 FOR STORM SEWER AND CULVERT REMOVAL
 - ALL UTILITY RELOCATION TO BE PERFORMED BY OTHERS.
 - CULVERT PIPES ARE 90° TO CENTER OF ROAD UNLESS OTHERWISE NOTED.

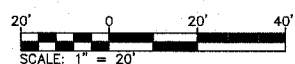
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

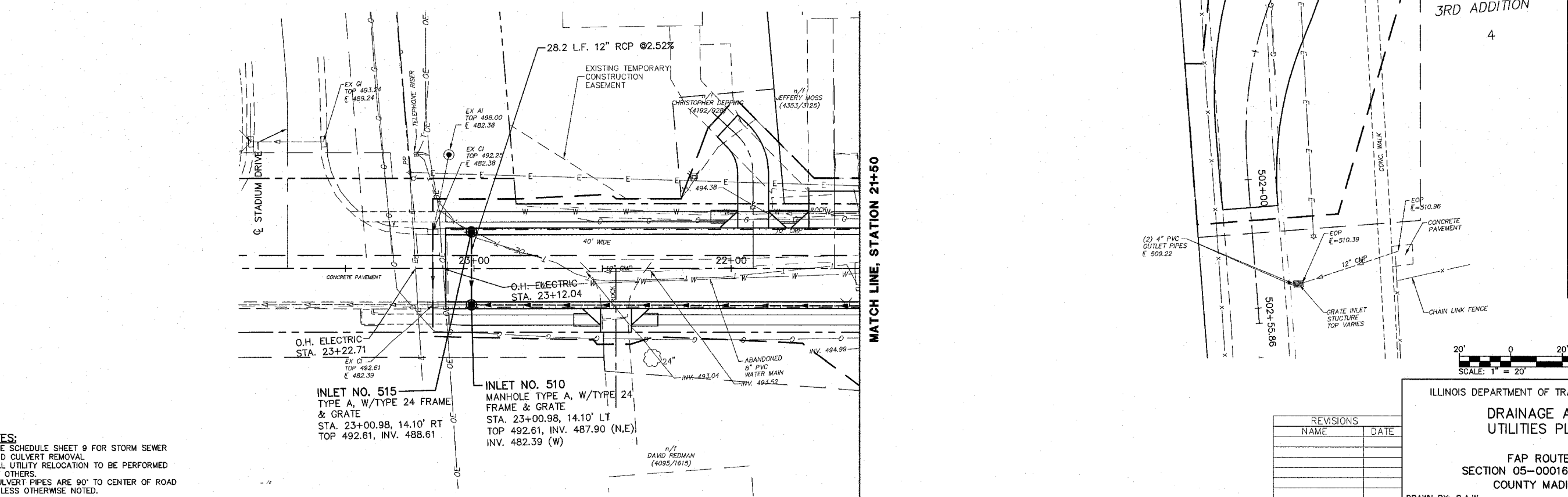
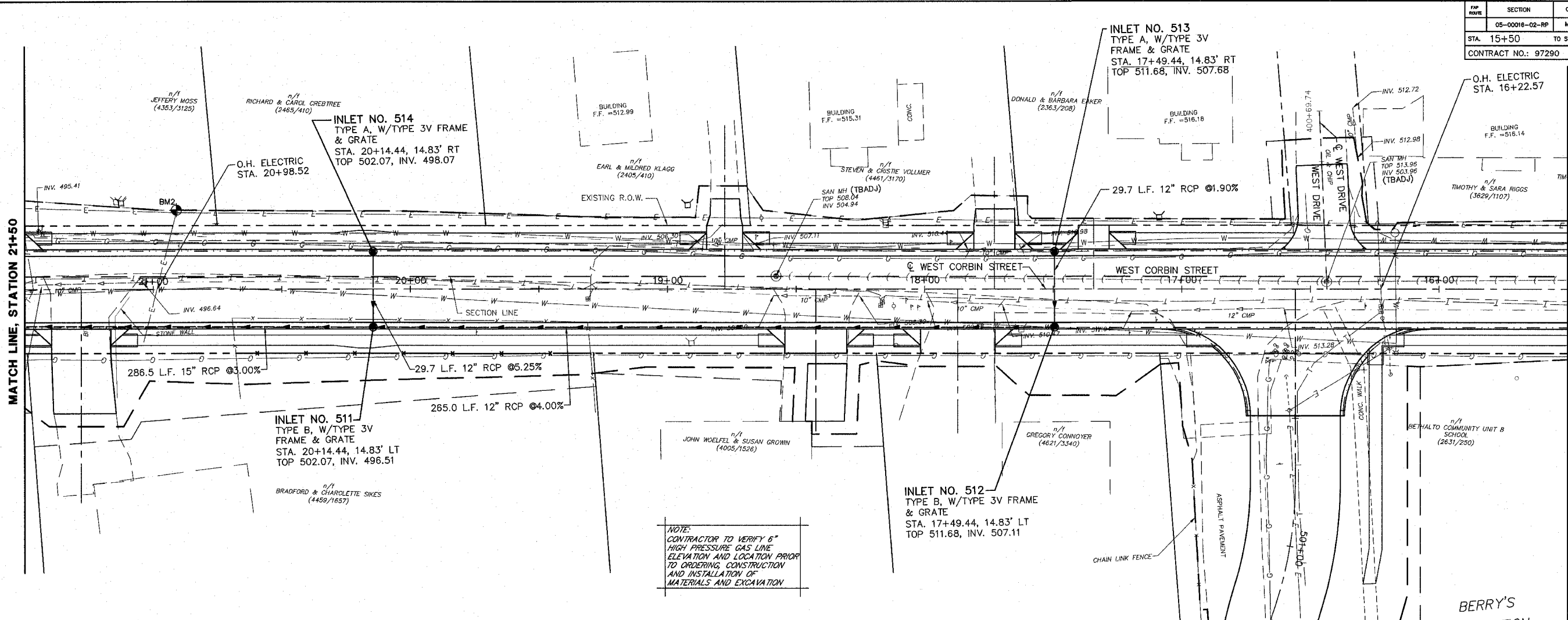
DRAINAGE AND UTILITIES PLAN

FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON

DRAWN BY: R.A.W.



FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	22	
STA. 15+50		TO STA. 23+10.97		
CONTRACT NO.: 97290				

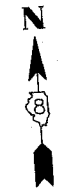


NOTE:
CONTRACTOR TO VERIFY 6" HIGH PRESSURE GAS LINE ELEVATION AND LOCATION PRIOR TO ORDERING CONSTRUCTION AND INSTALLATION OF MATERIALS AND EXCAVATION

- NOTES:**
1. SEE SCHEDULE SHEET 9 FOR STORM SEWER AND CULVERT REMOVAL.
 2. ALL UTILITY RELOCATION TO BE PERFORMED BY OTHERS.
 3. CULVERT PIPES ARE 90' TO CENTER OF ROAD UNLESS OTHERWISE NOTED.

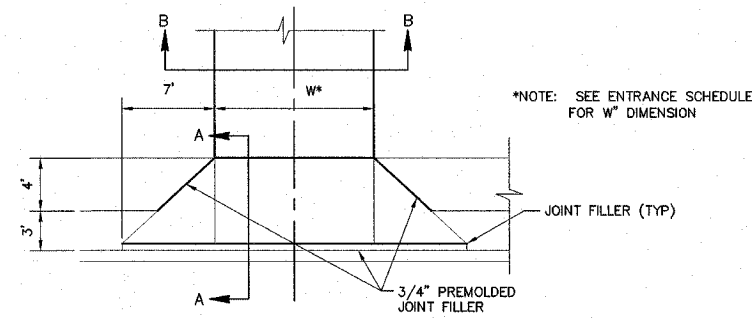
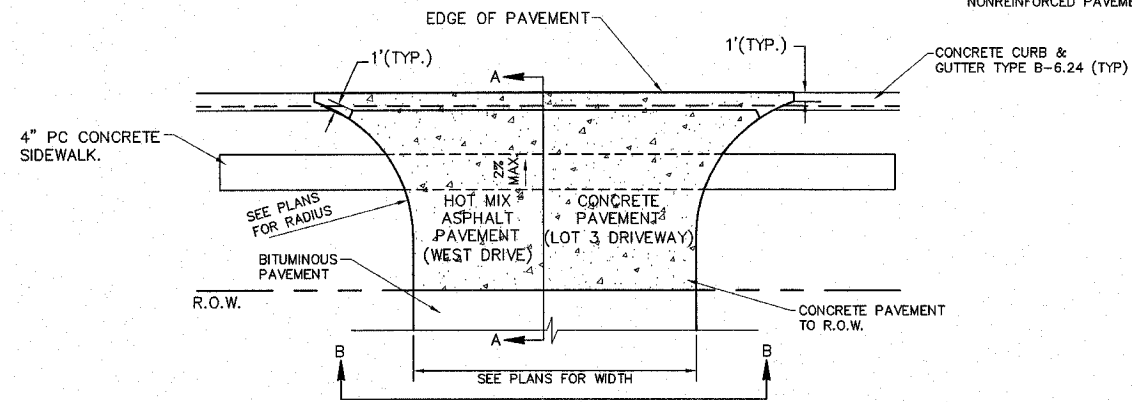
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITIES PLAN
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON
 DRAWN BY: R.A.W.



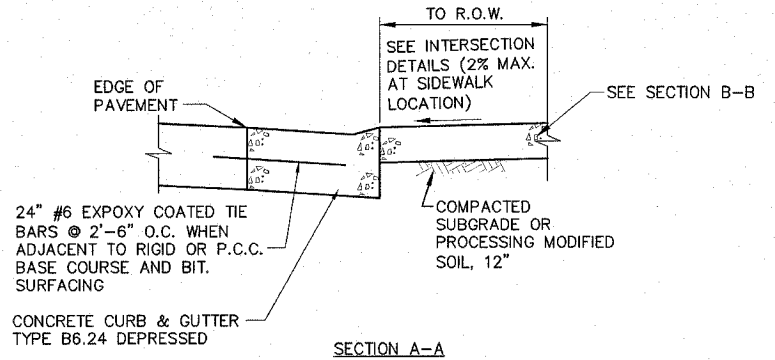
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	23
STA. TO STA.			
CONTRACT NO.: 97290			

NOTE: SEE STANDARD BLR-10 FOR PLACEMENT OF JOINTS IN NONREINFORCED PAVEMENT

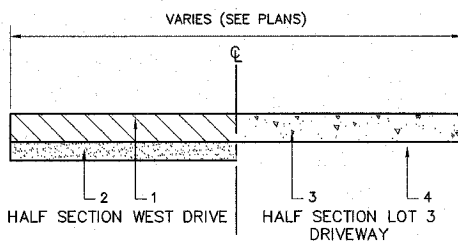


NOTE: SEE ENTRANCE SCHEDULE FOR W DIMENSION

PLAN VIEW

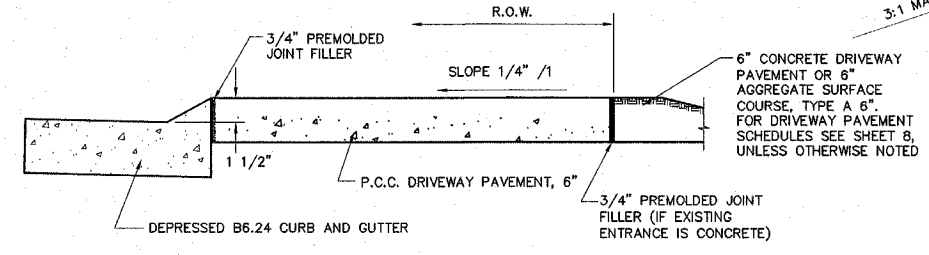


SECTION A-A

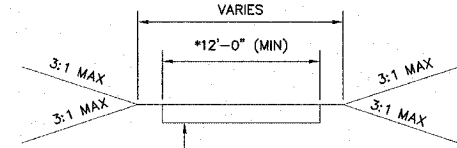


SECTION B-B (OFF R.O.W.)

- LEGEND WEST DRIVE**
- HOT MIX ASPHALT PAVEMENT (FULL DEPTH 10"), 2" SURFACE OVER 8" BINDER
 - PROCESSING MODIFIED SOILS, 12"
- LEGEND LOT B DRIVEWAY**
- CONCRETE DRIVEWAY PAVEMENT, 6"
 - COMPACTED SUBGRADE



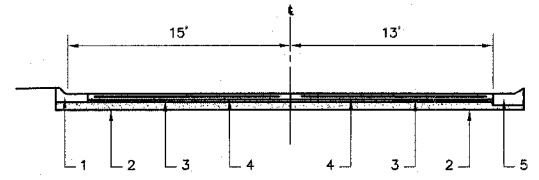
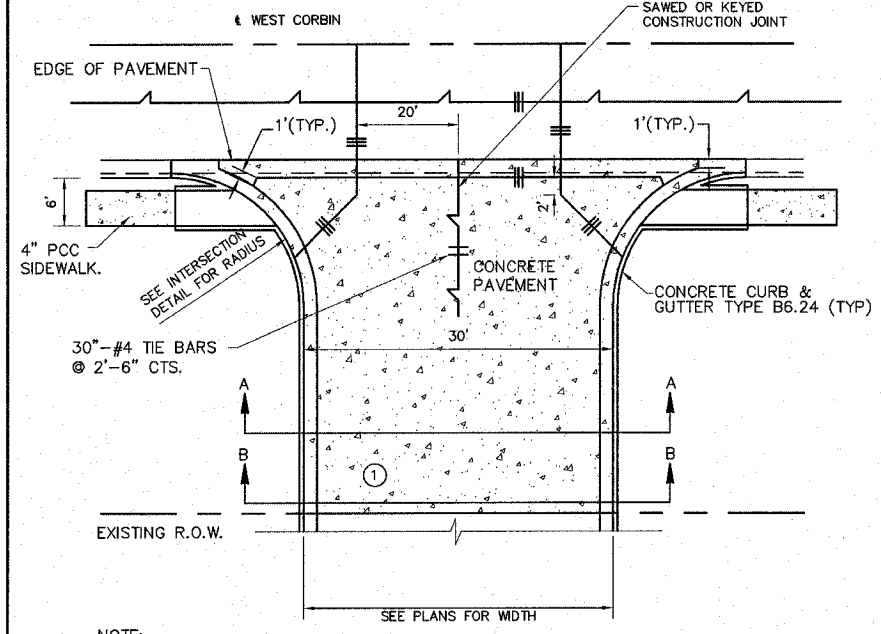
SECTION A-A



SECTION B-B

- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6" - PRIVATE ENTRANCE
- COMPACTED AGGREGATE SURFACE COURSE, TYPE A 6" - PRIVATE ENTRANCE

DETAIL OF WEST DRIVE AND LOT 3 DRIVEWAY (STA. 11+78.82 AND 12+32.24)
NOT TO SCALE

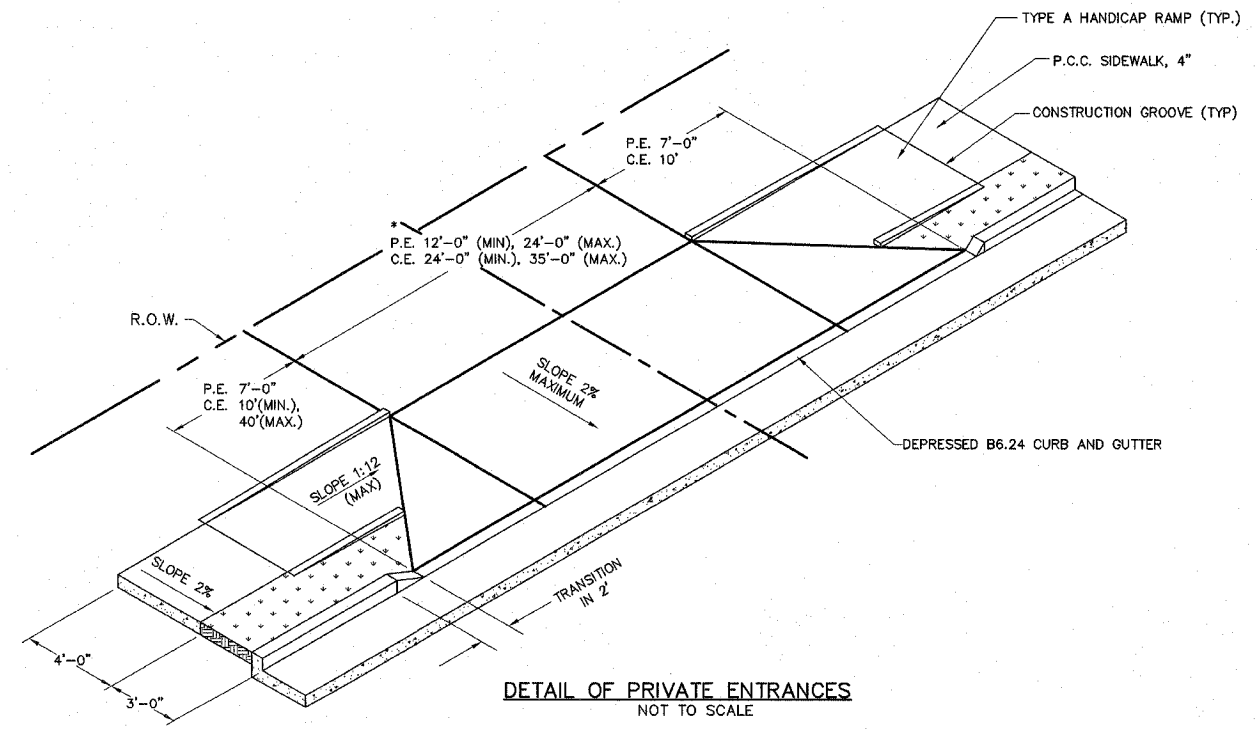


HALF SECTION A-A HALF SECTION B-B

- LEGEND**
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24
 - PROCESSING MODIFIED SOIL, 12"
 - AGGREGATE BASE COURSE TYPE A, 4"
 - P.C. CONCRETE PAVEMENT, 8.5"
 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (IN TRANSITION TO MATCH EXISTING)

NOTE:
① TRANSITION TO MEET THE EXISTING CURB & GUTTER IN 10 FT (IF APPLICABLE). IF THE CURB AND GUTTER TRANSITION IS TO TAKE PLACE IN THE RADIUS. IT SHALL BE SO NOTED ON THE PLANS.

DETAIL OF SIDESTREET ENTRANCES ALONG WEST CORBIN STREET AT MILES DRIVE
NOT TO SCALE



DETAIL OF PRIVATE ENTRANCES
NOT TO SCALE

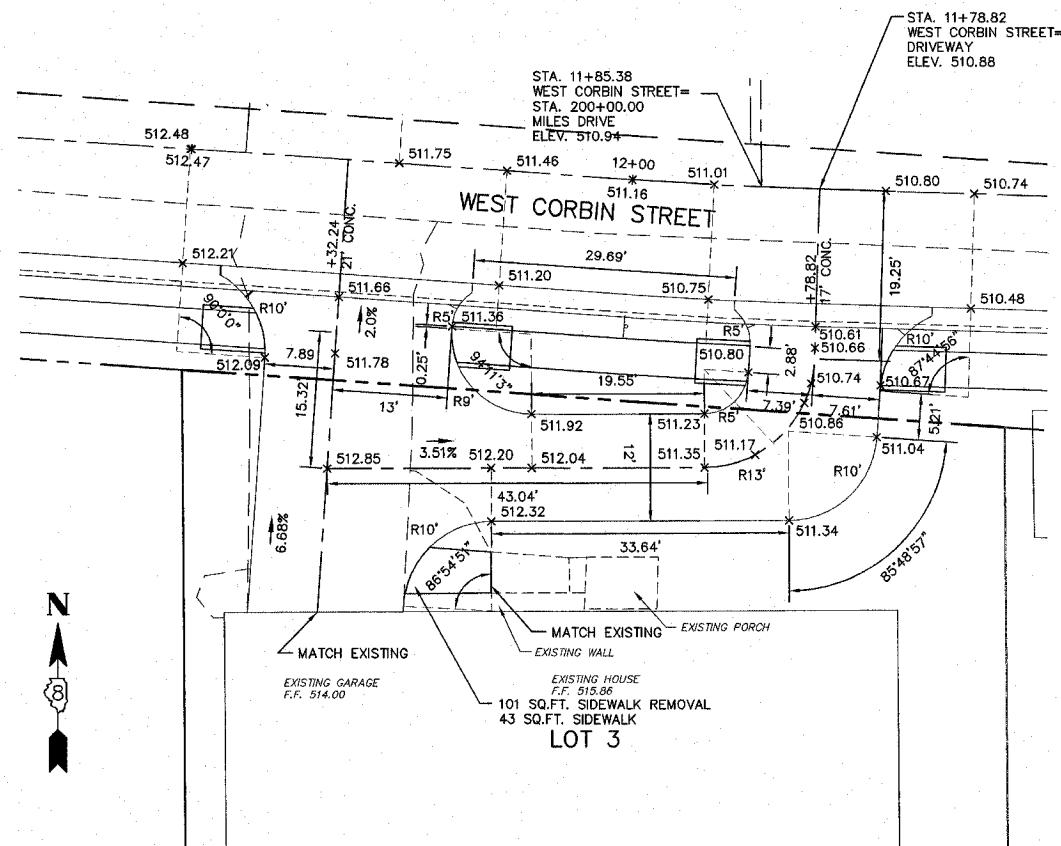
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

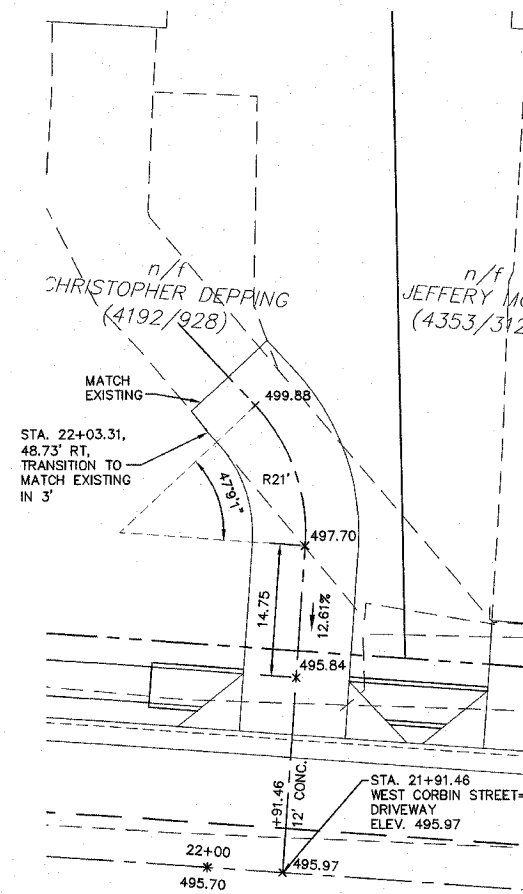
DRIVEWAY AND ENTRANCE DETAILS
FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON

DRAWN BY: R.A.W.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	24
STA.	TO STA.			
CONTRACT NO.: 97290				



LOT 3 DRIVEWAY AT WEST CORBIN STREET STA. 12+32.24 LT
1"=10'



WEST CORBIN AT PRIVATE DRIVE STA. 21+89 RT
1"=10'

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

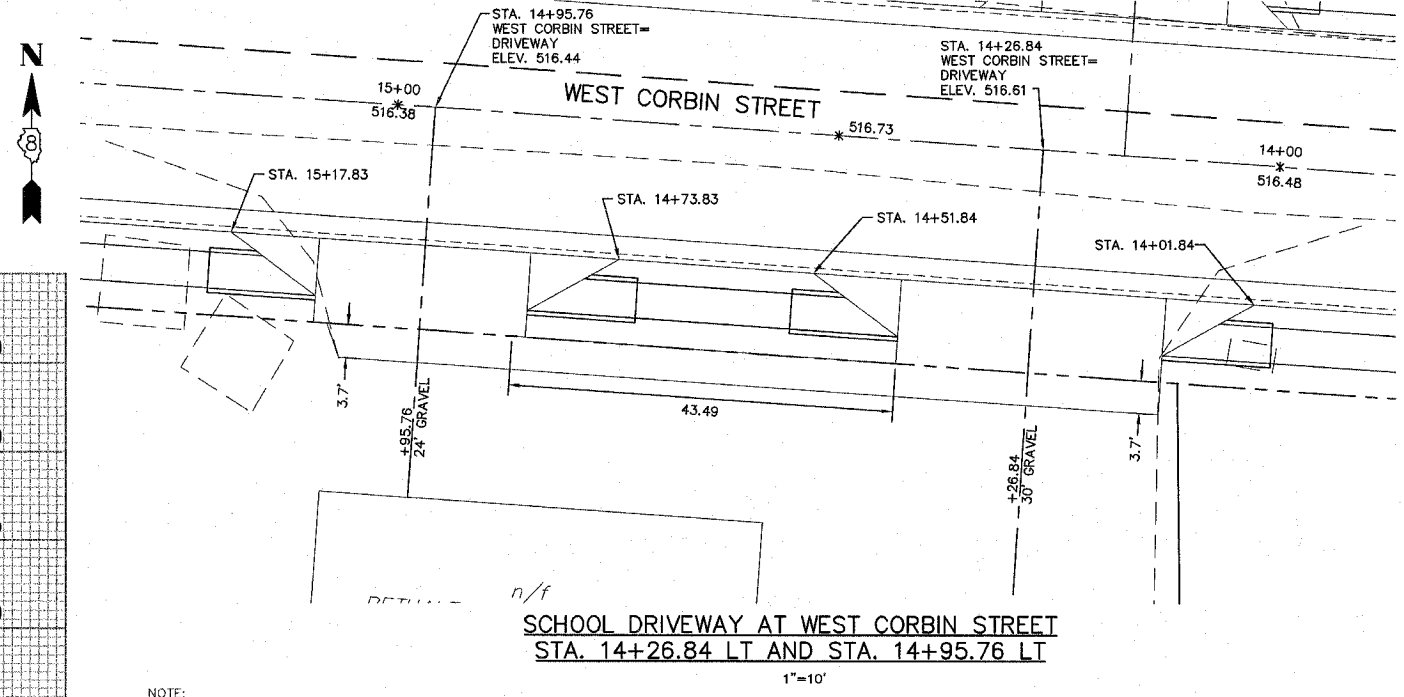
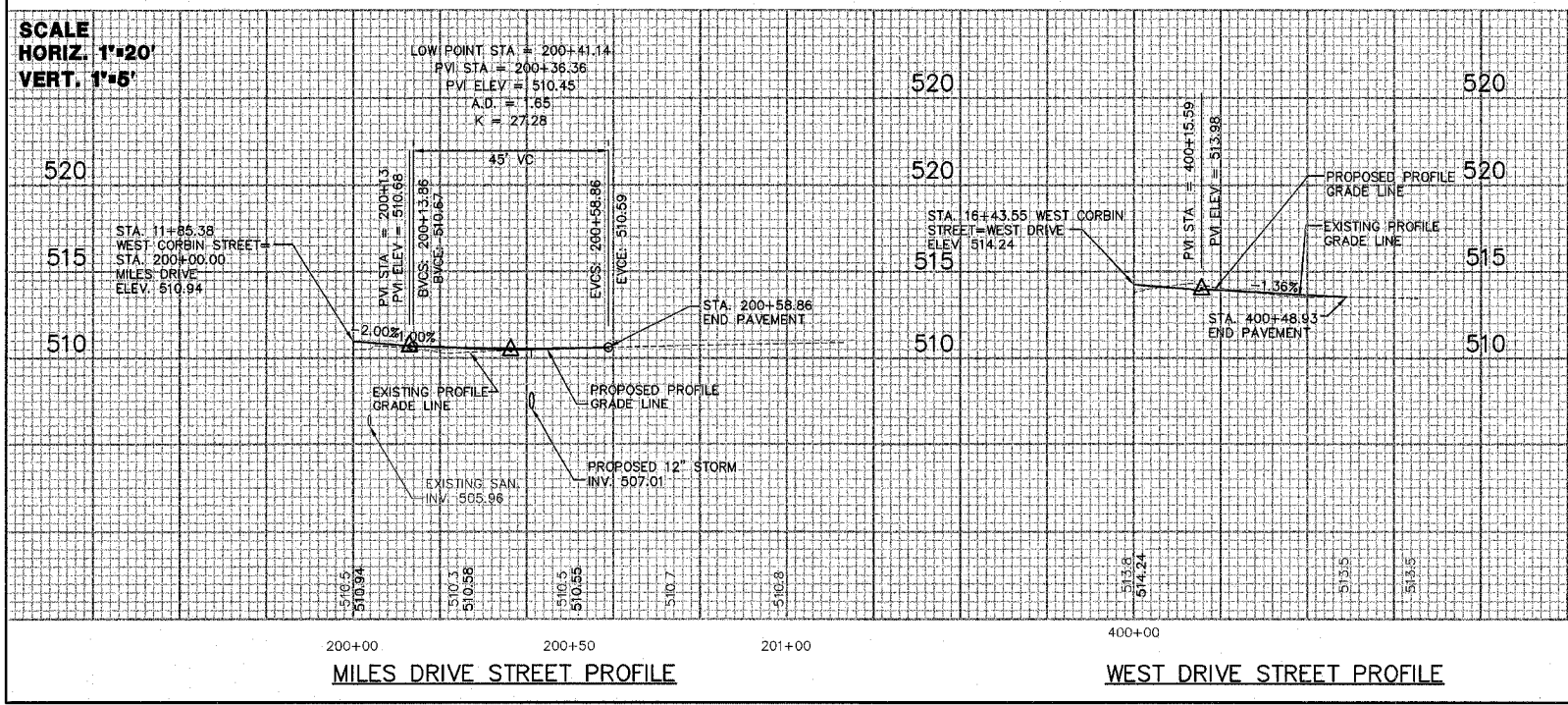
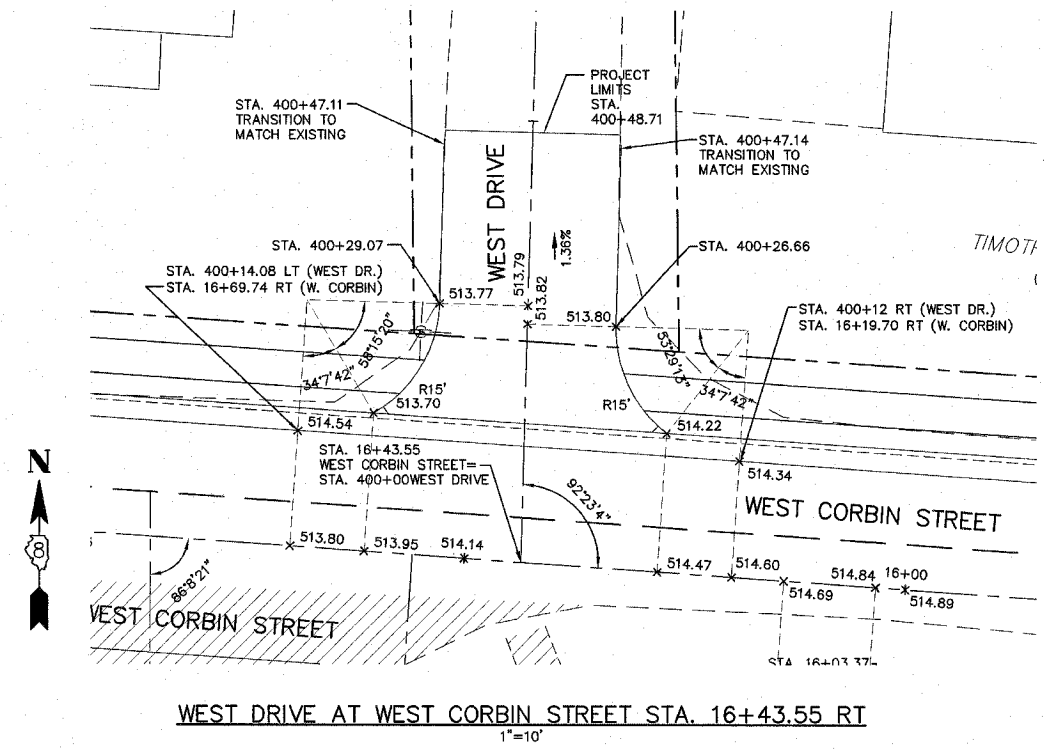
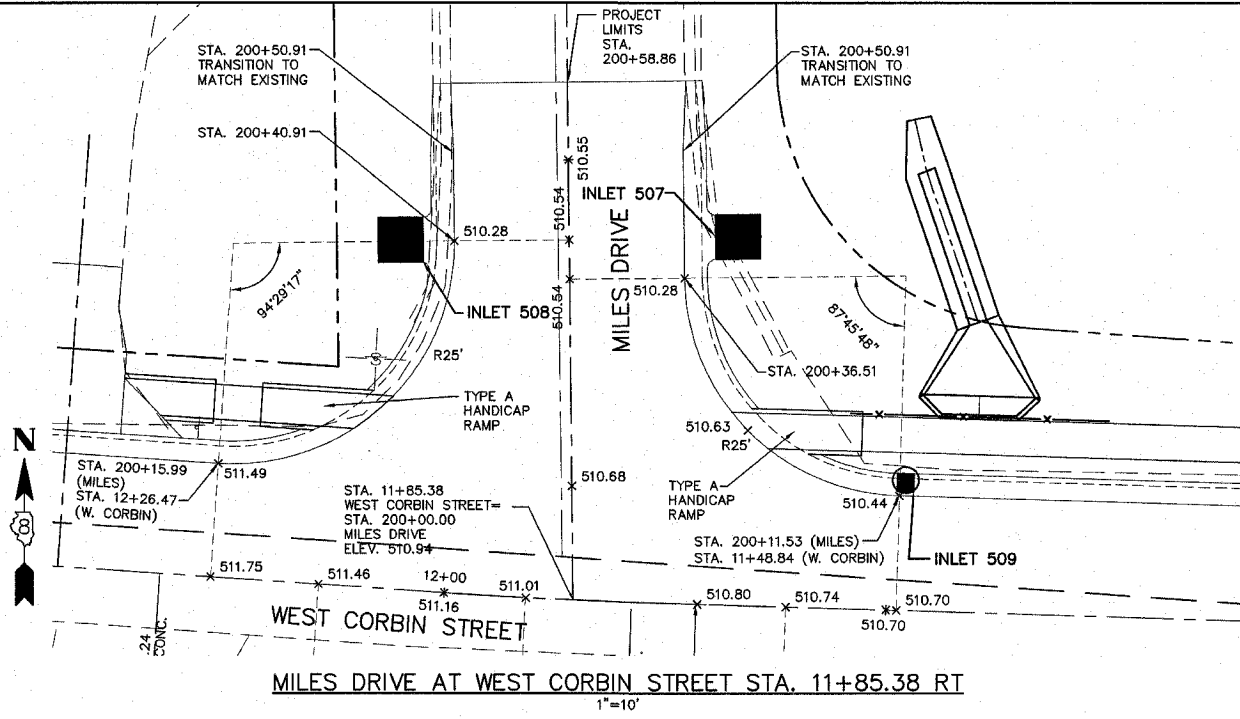
**INTERSECTION
DETAILS**

FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON

DRAWN BY: R.A.W.

INTERSECTION DETAILS-WEST CORBIN STREET

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	25	
CONTRACT NO.: 97290				



NOTE:
 THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR (i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, (ii) LOCATING ALL UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; (iii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION, AND (iv) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THERETO RESULTING FROM THE WORK AT HIS EXPENSE.

REVISIONS	
NAME	DATE

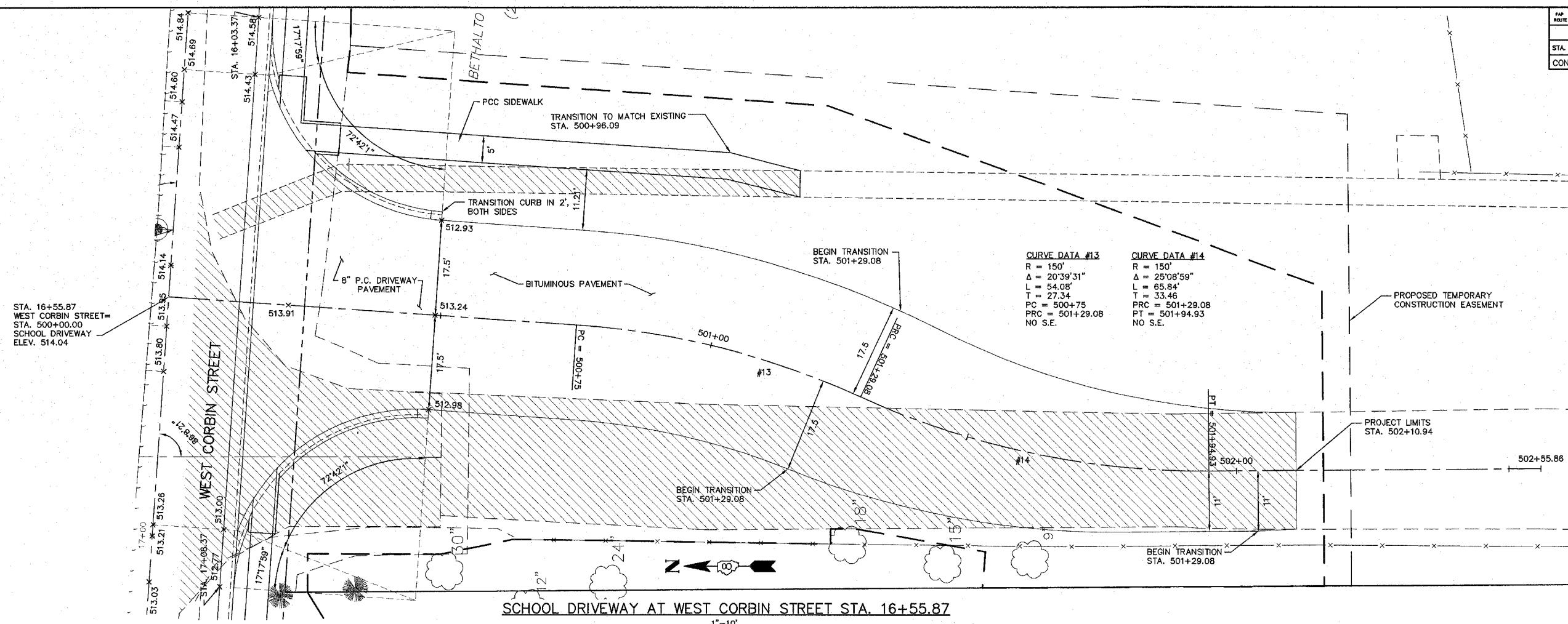
ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON

DRAWN BY: R.A.W.

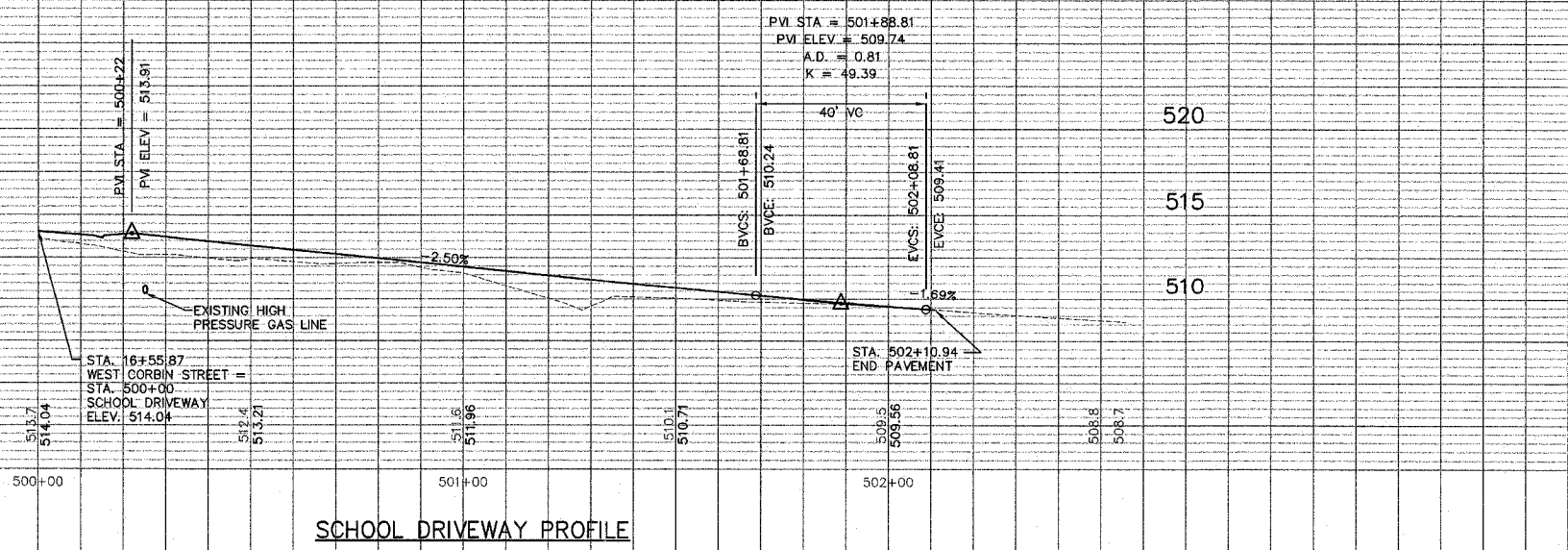
F&P NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	26	
STA. 500+00.00 TO STA. 502+10.94				
CONTRACT NO.: 97290				

PLAN	DATE	BY
DESIGNED	7/7/06	A.T.F.
CHECKED		E.R.O.
DATE	7/7/06	
NO.		



PROFILE	DATE	BY
DESIGNED	7/7/06	A.T.F.
CHECKED		E.R.O.
DATE	7/7/06	
NO.		

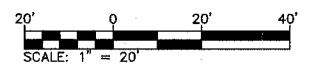
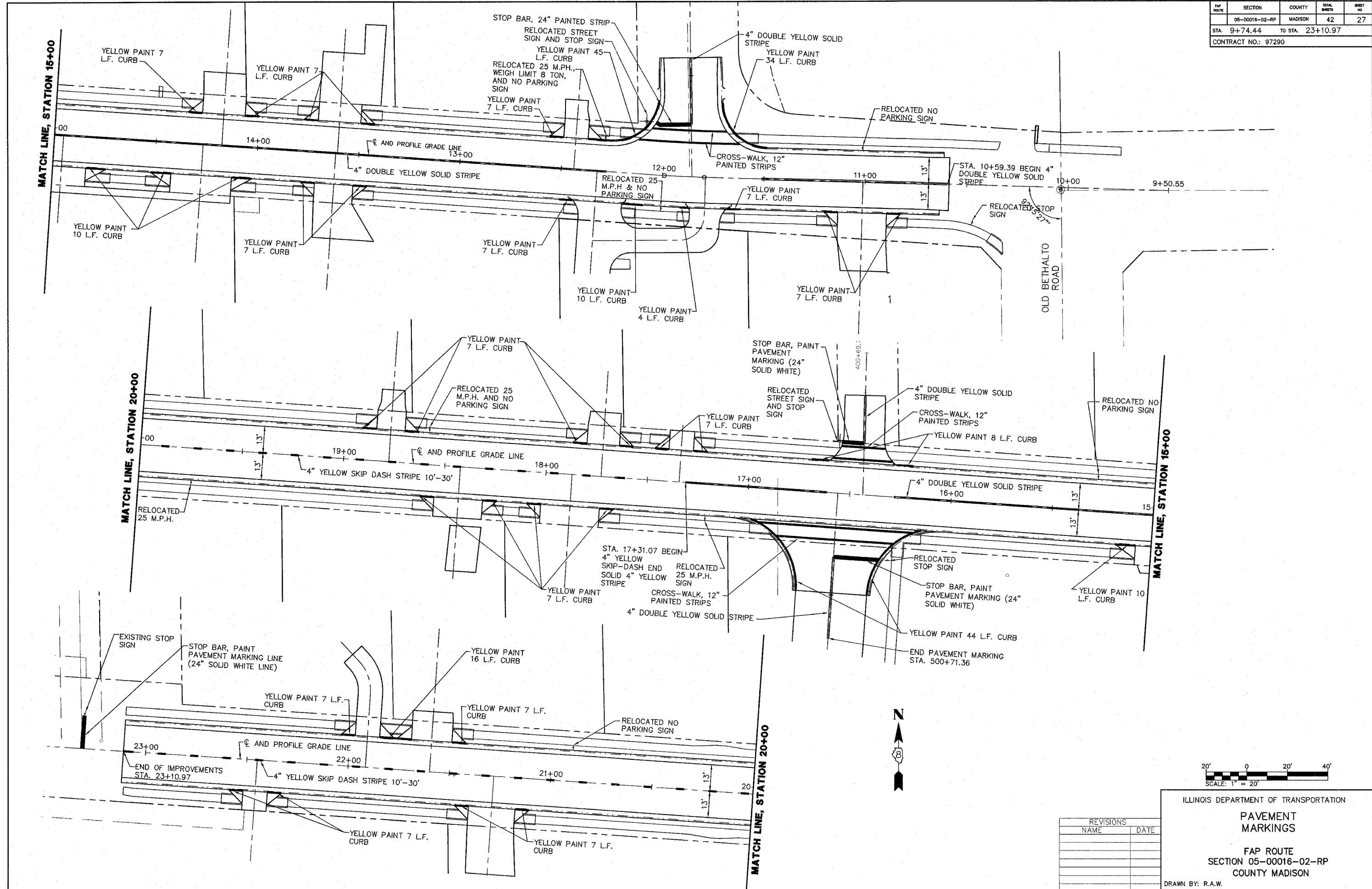
SCALE
HORIZ. 1"=20'
VERT. 1"=5'



SCHOOL DRIVEWAY PROFILE

NOTE:
THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA, AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR (i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; (ii) LOCATING ALL UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; (iii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION, AND (iv) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THEREO RESULTING FROM THE WORK AT HIS EXPENSE.

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	27	
STA. 9+74.44		TO STA. 23+10.97		
CONTRACT NO.: 97290				



REVISIONS	
NAME	DATE

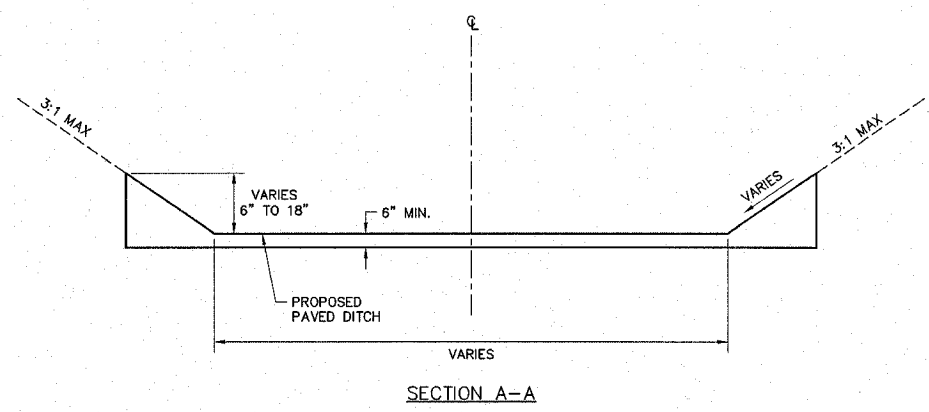
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS

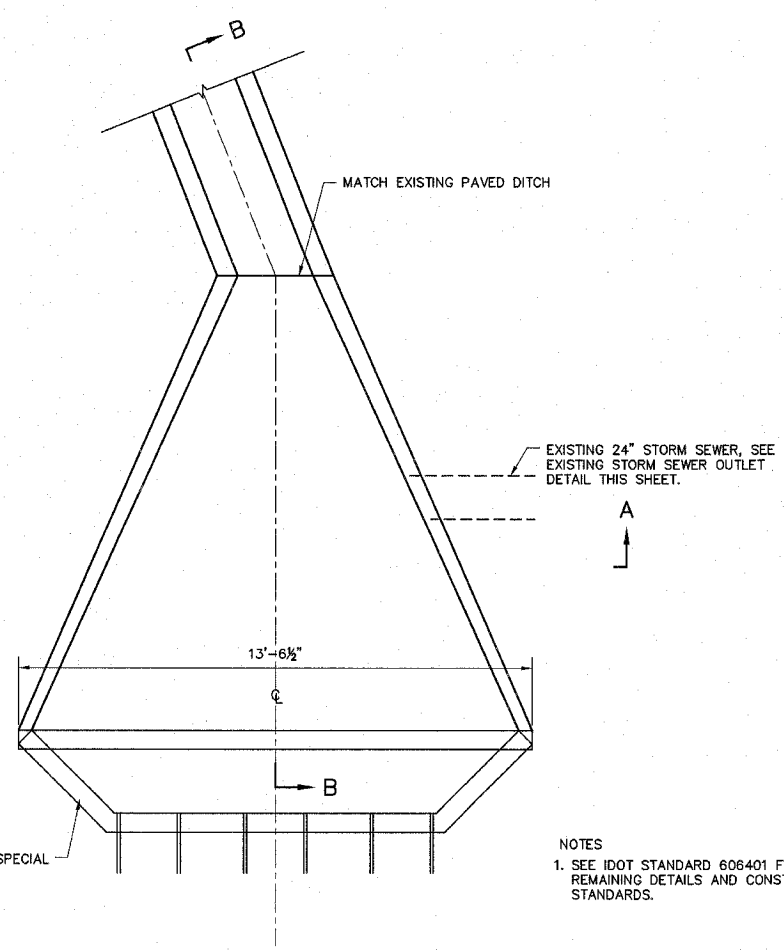
FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON

DRAWN BY: R.A.W.

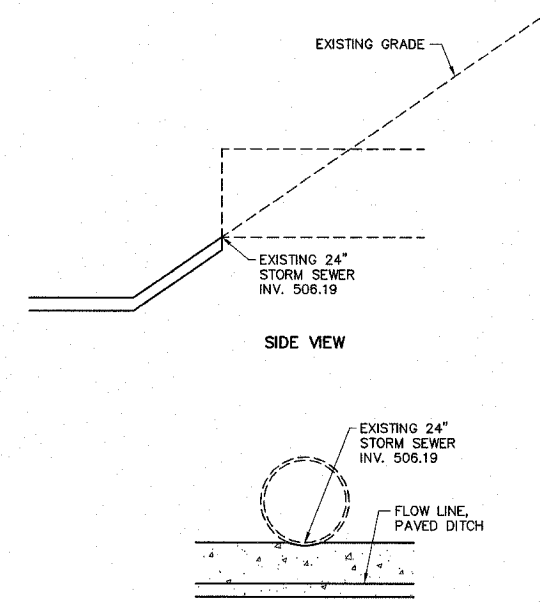
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	28
STA.	TO STA.			
CONTRACT NO.: 97290				



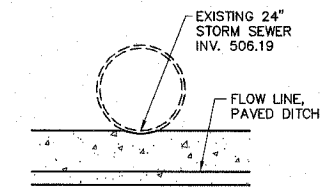
SECTION A-A



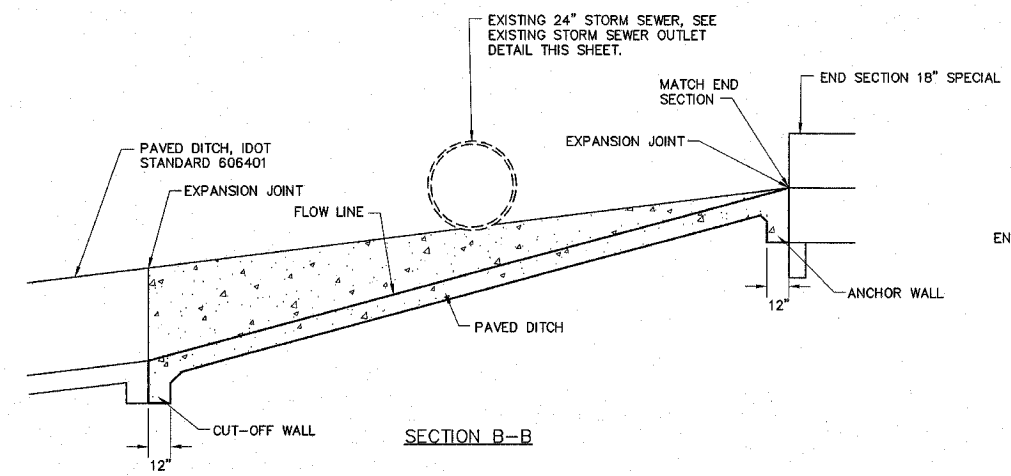
PAVED DITCH TYPE B-37 (SPECIAL)
NOT TO SCALE



SIDE VIEW

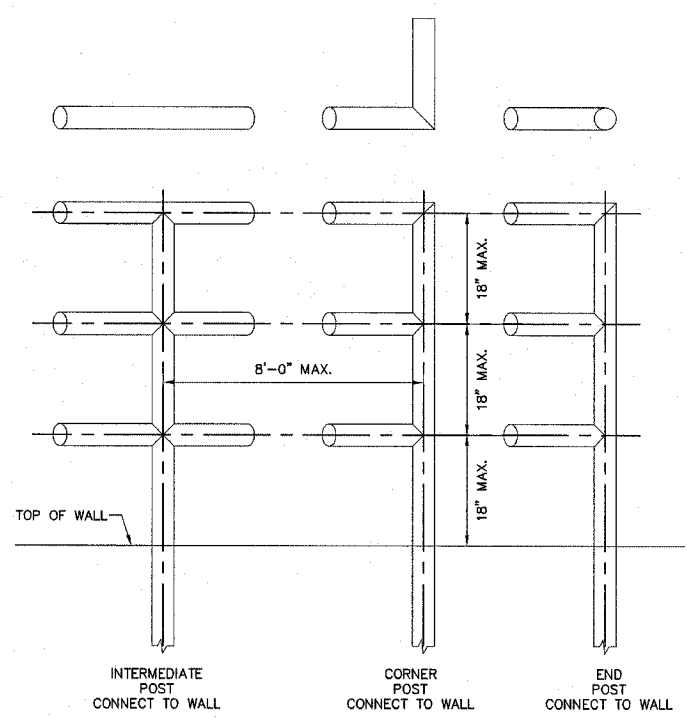


ELEVATION
EXISTING STORM SEWER OUTLET

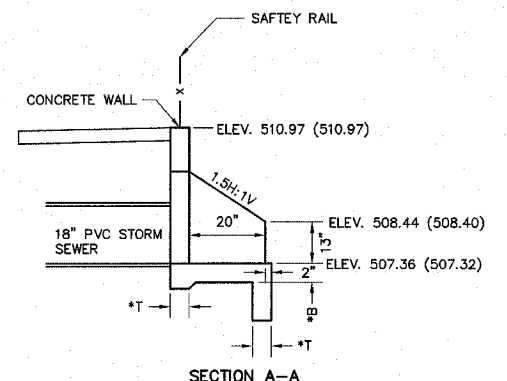


SECTION B-B

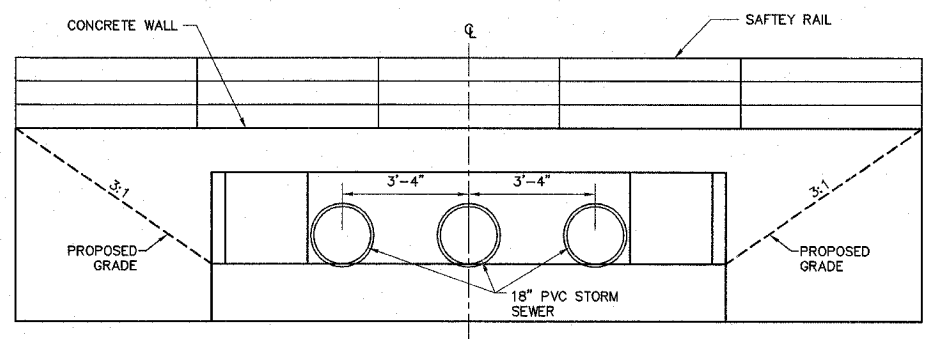
NOTES
1. SEE IDOT STANDARD 606401 FOR REMAINING DETAILS AND CONSTRUCTION STANDARDS.



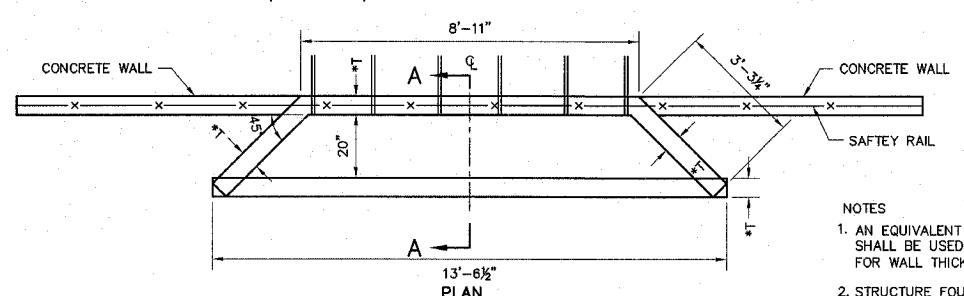
TYPICAL SAFETY RAIL
NOT TO SCALE



SECTION A-A
NOTE: ELEVATIONS ARE FOR THE UPSTREAM (DOWNSTREAM)



END ELEVATION

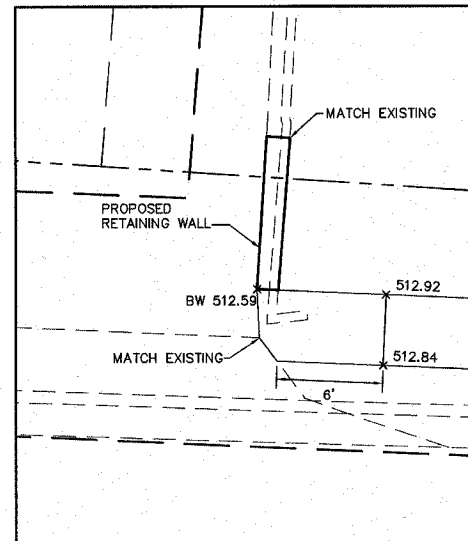


END SECTION NO. 2 DETAIL
NOT TO SCALE

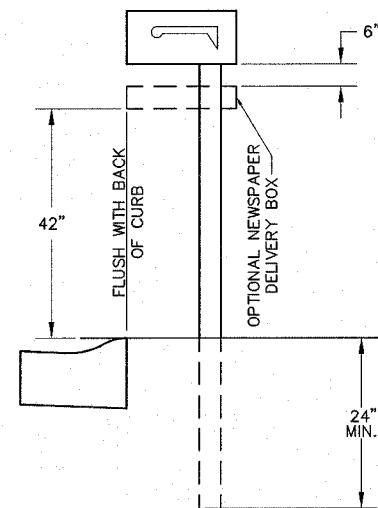
NOTES
1. AN EQUIVALENT FLUID WEIGHT OF 50 POUNDS PER CUBIC FOOT (PCF) SHALL BE USED IN THE CALCULATION OF LATERAL EARTH PRESSURE FOR WALL THICKNESS. (T*)
2. STRUCTURE FOUNDATIONS SHOULD BE SIZED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURE OF 1500 PSF. (B*)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVED DITCH
DETAILS**
FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON
DRAWN BY: R.A.W.



SIDWALK TIE-IN
STA. 10+15.90
 1"=5'



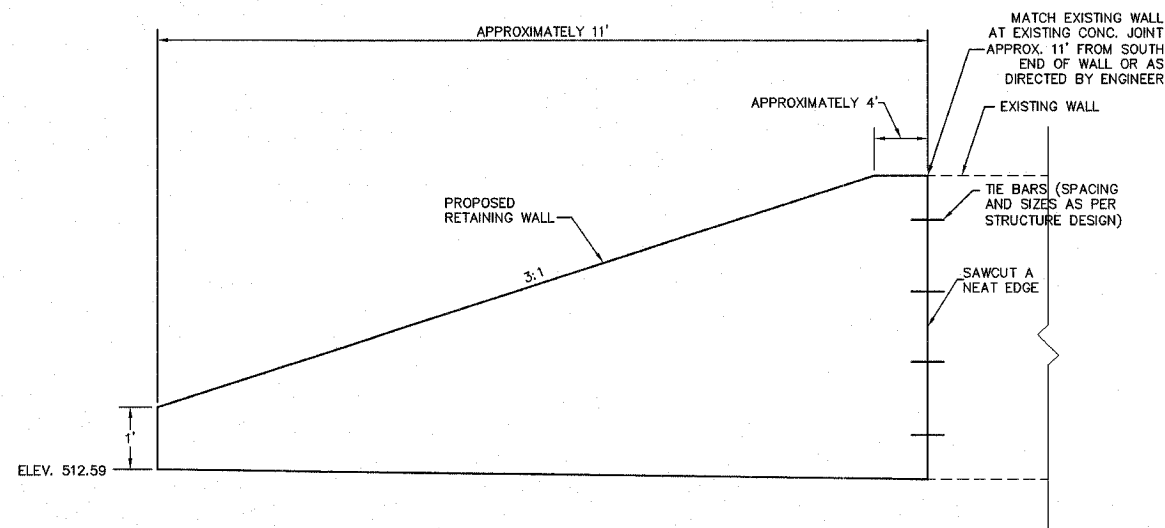
MAILBOX DETAIL
 NOT TO SCALE

NOTE:

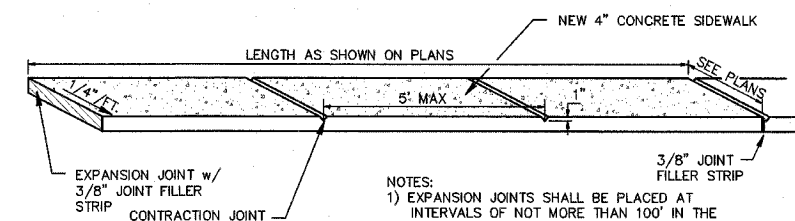
THE CONTRACTOR SHALL REMOVE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND SHALL ERECT THEM AT TEMPORARY LOCATIONS.

AS SOON AS CONSTRUCTION OPERATIONS PERMIT, THE CONTRACTOR SHALL SET THE MAILBOXES AT THEIR PERMANENT LOCATIONS. THIS WORK SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE, AT THE CONTRACTOR'S EXPENSE, ANY MAILBOX OR POST WHICH HAS BEEN DAMAGED BY THE CONTRACTOR'S OPERATIONS.

THE COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



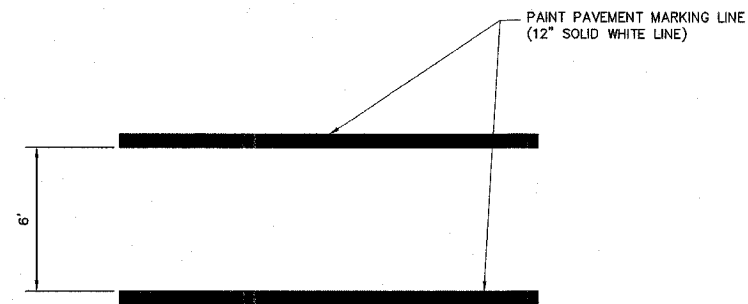
RETAINING WALL, SPECIAL
STA. 10+17.15 RT.
 NOT TO SCALE



NOTES:

- 1) EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100' IN THE SIDEWALK.
- 2) EXPANSION MATERIAL TO BE EITHER RECESSED OR ROUTED OUT TO PROVIDE RESERVOIR FOR SEALER.
- 3) SEALER TO BE "SONOLASTIC" OR EQUAL, GRAY COLOR.

PC CONCRETE SIDEWALK DETAIL
 NOT TO SCALE



CROSS-WALK DETAIL
 NOT TO SCALE

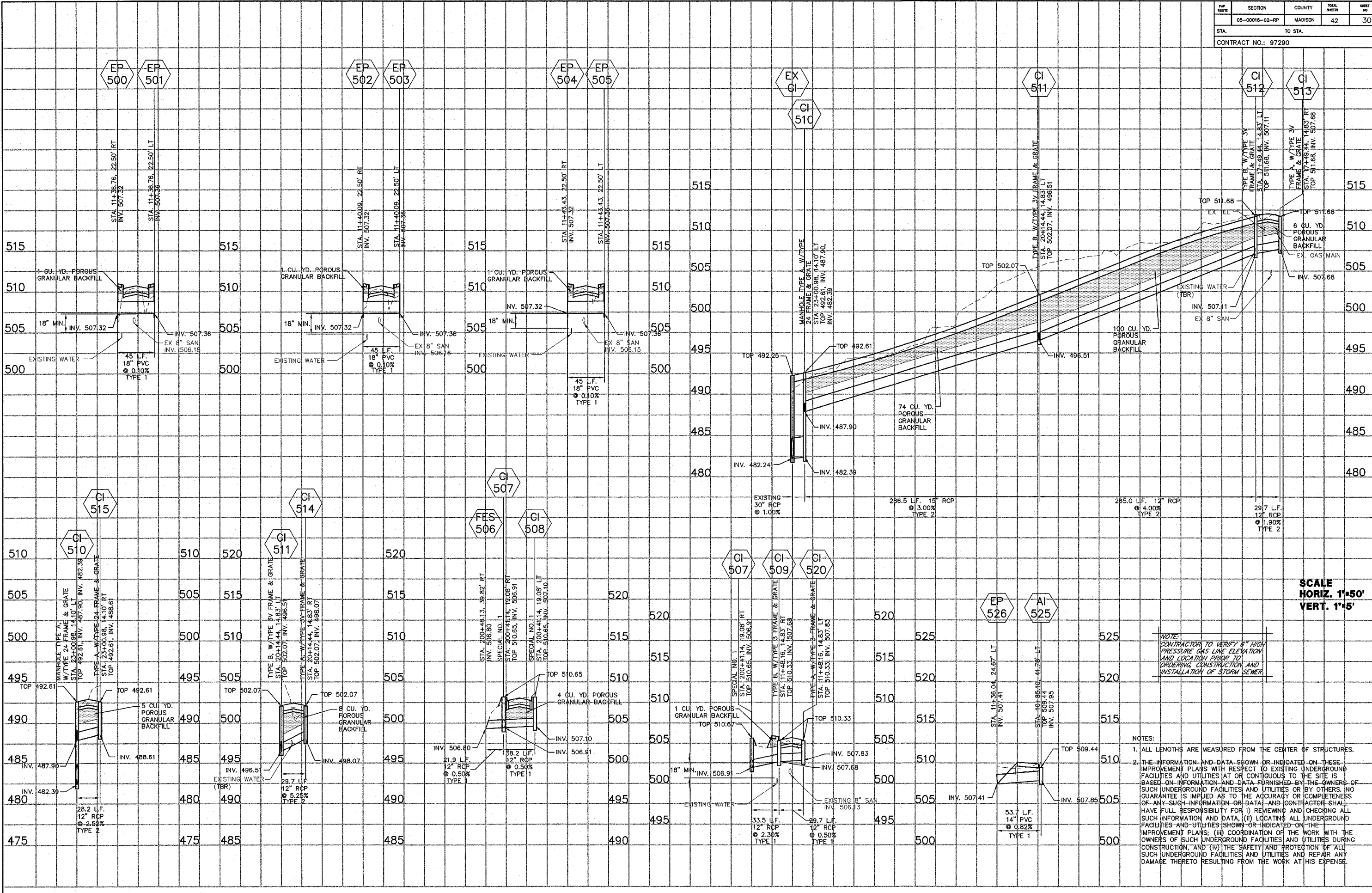
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MISCELLANEOUS
 DETAILS**
 FAP ROUTE
 SECTION 05-00016-02-RP
 COUNTY MADISON

DRAWN BY: R.A.W.

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	30
STA.	TO STA.			
CONTRACT NO.: 97290				



DATE	BY
12/27/06	J.P.F.
DATE	BY
12/27/06	J.P.F.
DATE	BY
12/27/06	J.P.F.

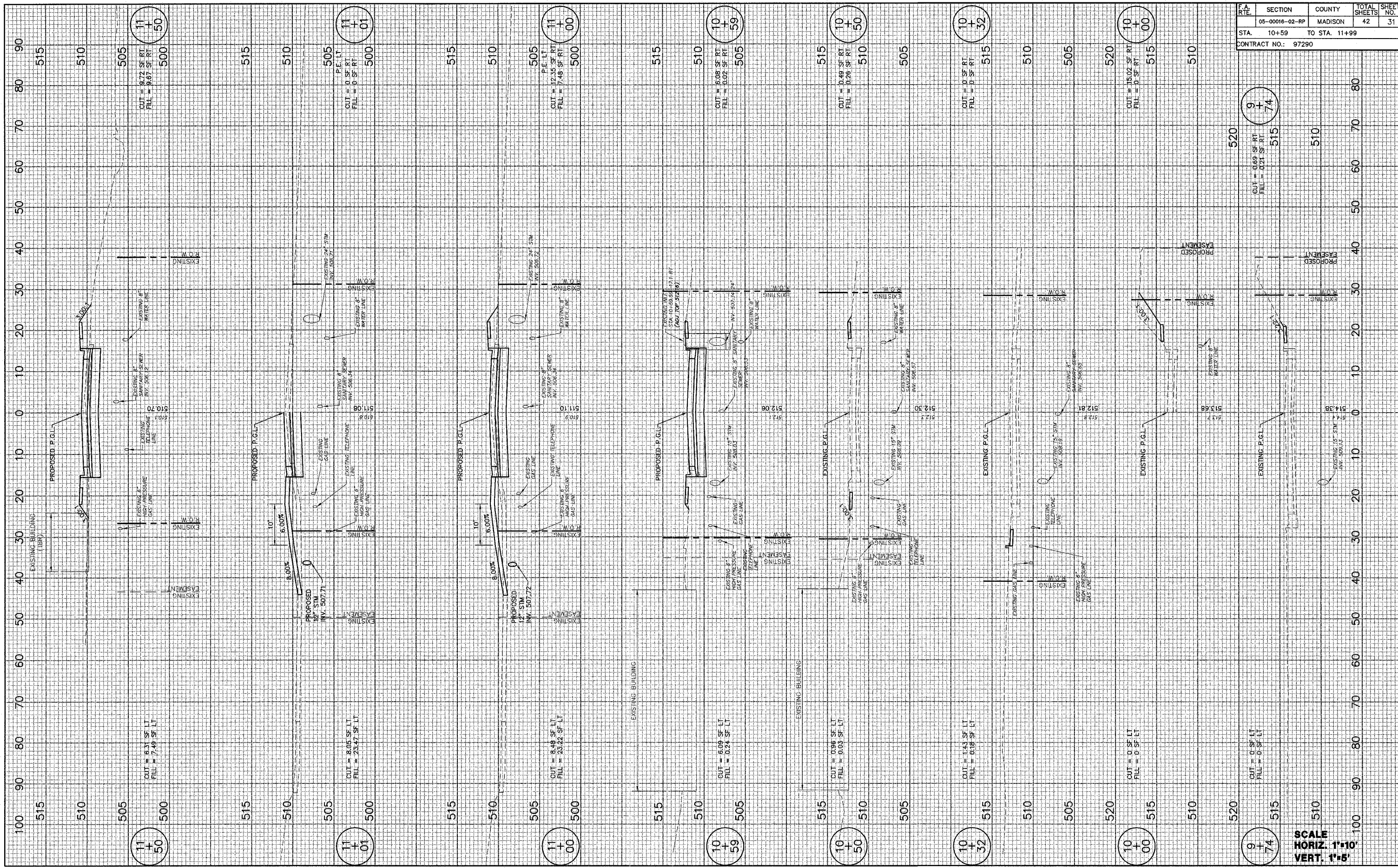
NOTE: CONTRACTOR TO VERIFY 6" HIGH PRESSURE GAS LINE ELEVATION AND LOCATION PRIOR TO ORDERING CONSTRUCTION AND INSTALLATION OF STORM SEWER

- NOTES:
1. ALL LENGTHS ARE MEASURED FROM THE CENTER OF STRUCTURES.
 2. THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA, AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR (i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, (ii) LOCATING ALL UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; (iii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION; AND (iv) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THERETO RESULTING FROM THE WORK AT HIS EXPENSE.

SCALE
HORIZ. 1"=50'
VERT. 1"=5'

FINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. 7/18/06

ORIGINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. 8/29/05



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	31
STA. 10+59		TO STA. 11+99		
CONTRACT NO.: 97290				

9
+
74

CUT = 0.69 SF RT
 FILL = 0.21 SF RT

EXISTING
 PROPOSED EASEMENT

EXISTING
 PROPOSED EASEMENT

EXISTING
 PROPOSED EASEMENT

EXISTING
 PROPOSED EASEMENT

EXISTING
 PROPOSED EASEMENT

EXISTING
 PROPOSED EASEMENT

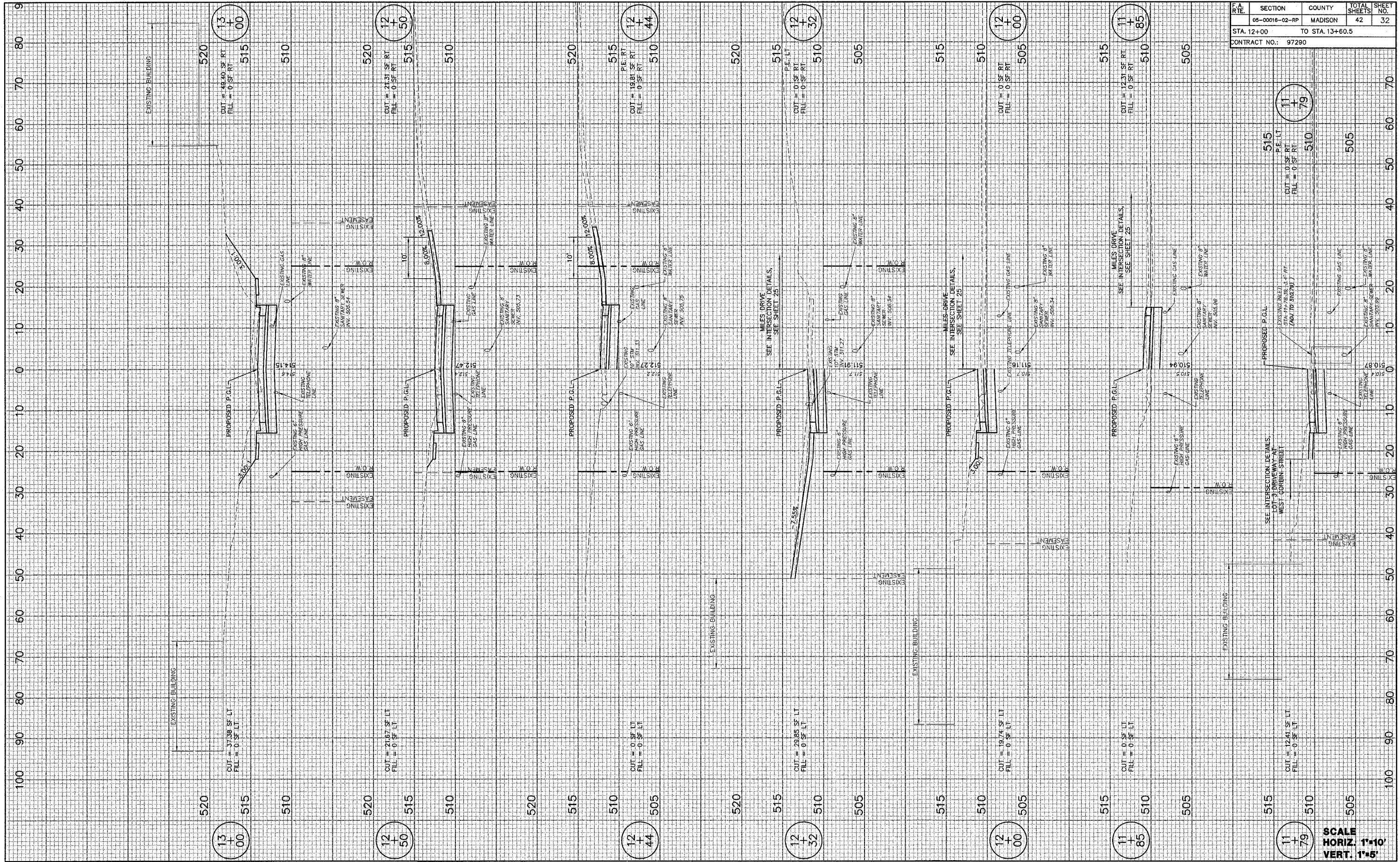
EXISTING
 PROPOSED EASEMENT

EXISTING
 PROPOSED EASEMENT

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY SURVEY PLOTTED DATE 1/19/78 BY D.L.W. NOTE BOOK NO. AREAS CHECKED

ORIGINAL SURVEY SURVEY PLOTTED DATE 6/29/78 BY D.L.W. NOTE BOOK NO. AREAS CHECKED

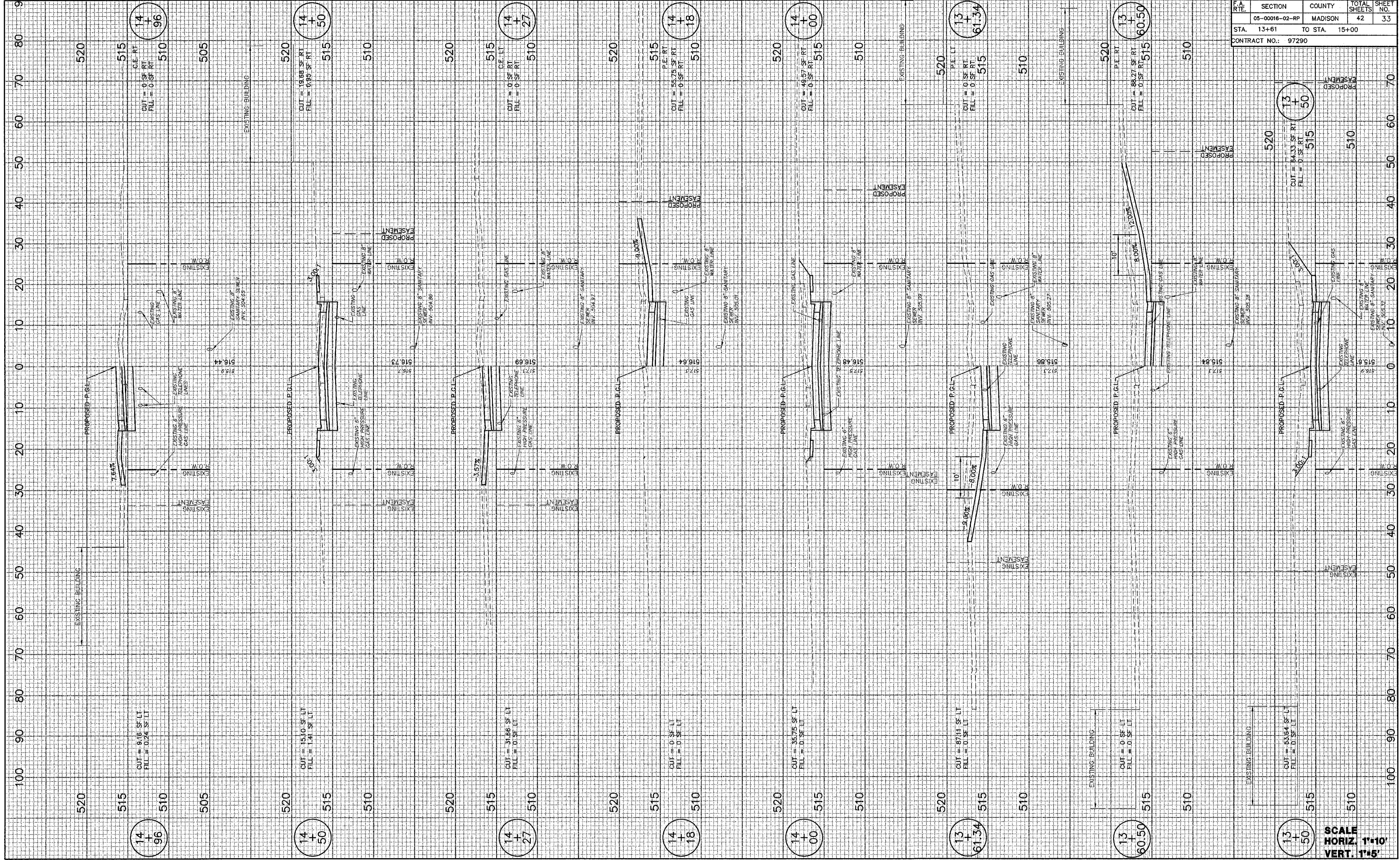


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	32
STA. 12+00 TO STA. 13+60.5				
CONTRACT NO.: 97290				

SCALE
HORIZ. 1"=10'
VERT. 1"=5'

ORIGINAL SURVEY PLOTTED BY DATE
 SURVEY 6/26/75
 PLOTTED BY DATE
 SURVEY 7/19/76
 NOTE BOOK NO. AREAS CHECKED

FINAL SURVEY PLOTTED BY DATE
 SURVEY 6/26/75
 PLOTTED BY DATE
 SURVEY 7/19/76
 NOTE BOOK NO. AREAS CHECKED

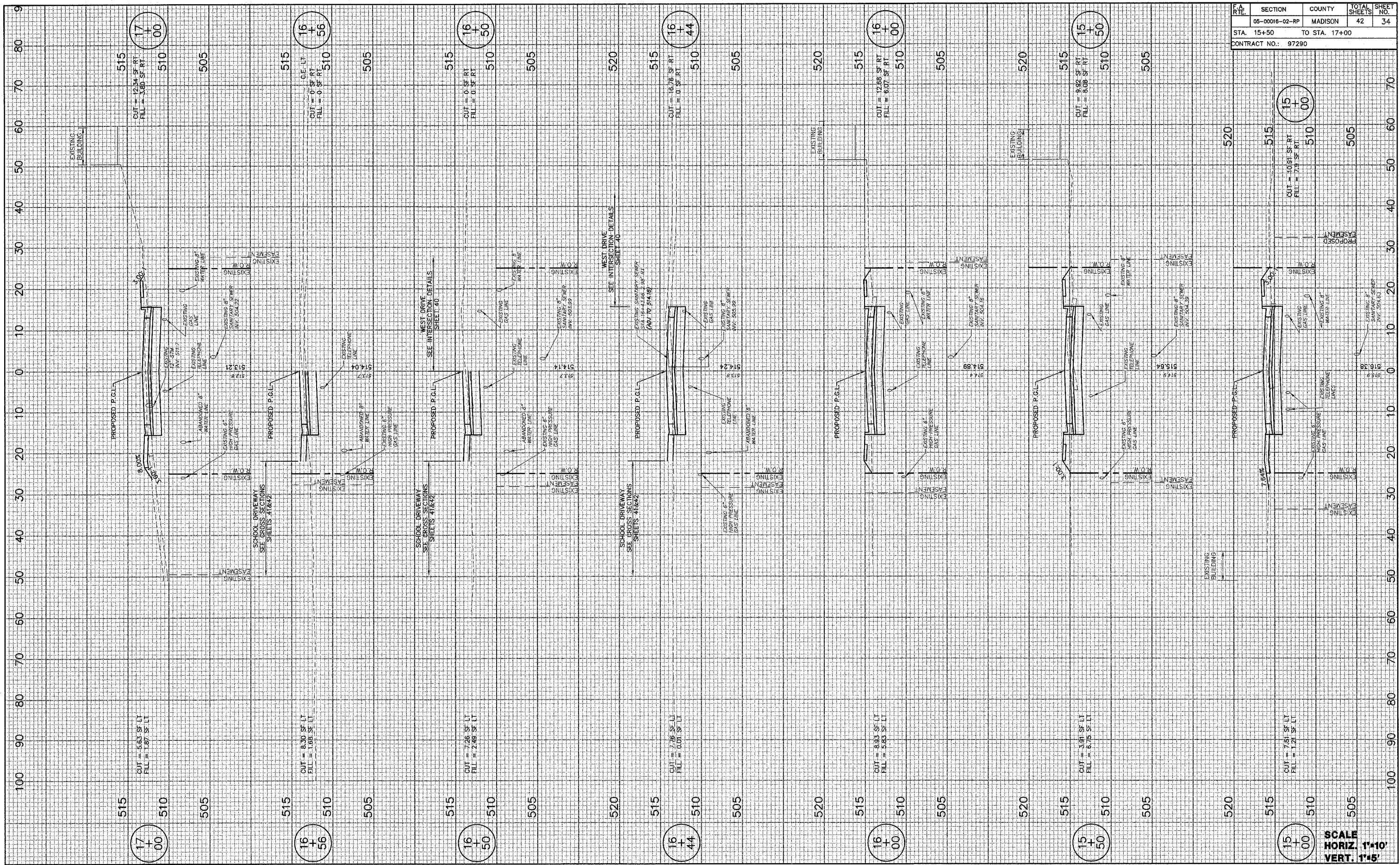


F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	33
STA. 13+61		TO STA. 15+00		
CONTRACT NO.: 97290				

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY
 DATE: 1/7/98
 BY: D.M.
 SURVEYED, PLOTTED, AND CHECKED AREAS:
 NOTE BOOK NO.

ORIGINAL SURVEY
 DATE: 8/7/95
 BY: D.M.
 SURVEYED, PLOTTED, AND CHECKED AREAS:
 NOTE BOOK NO.



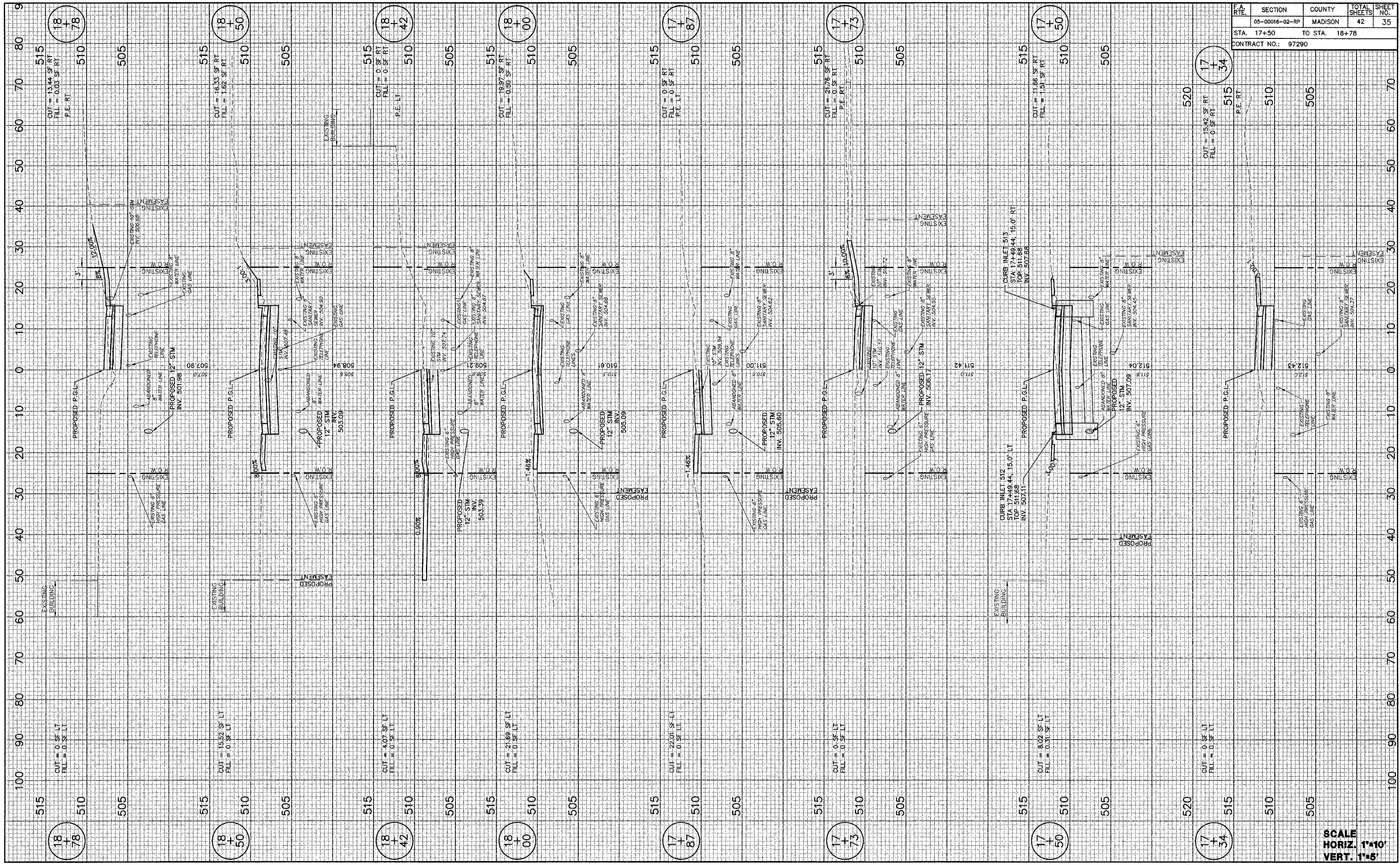
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	34
STA. 15+50		TO STA. 17+00		
CONTRACT NO.: 97290				

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY PLOTTED AREAS CHECKED BY DATE 7/18/05

ORIGINAL SURVEY PLOTTED AREAS CHECKED BY DATE 6/29/05

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	35
STA. 17+50 TO STA. 18+78		CONTRACT NO.: 97290	



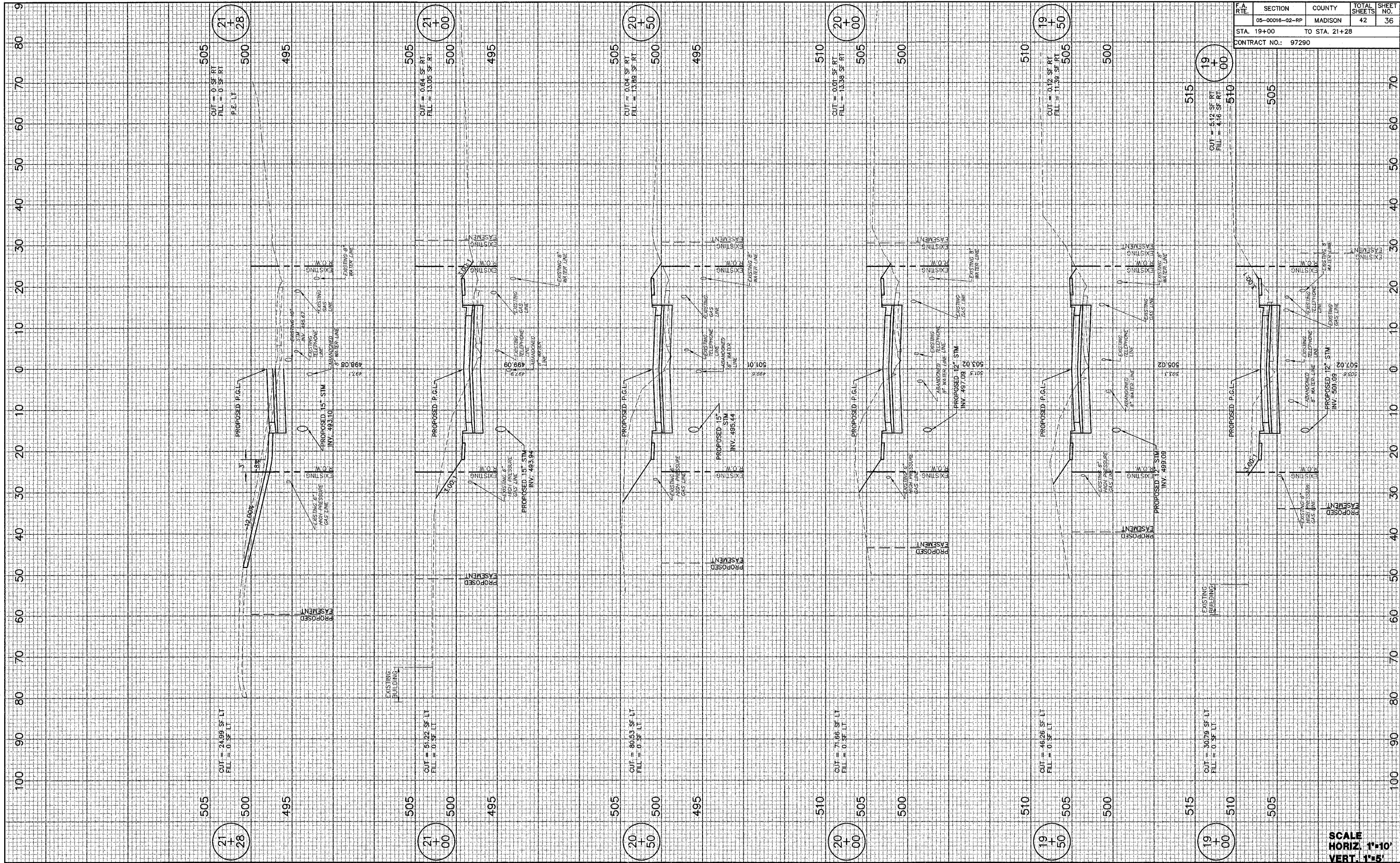
SCALE
HORIZ. 1"=10'
VERT. 1"=5'

FINAL SURVEY
 SURVEYED BY: []
 PLOTTED BY: []
 NOTE BOOK NO.: []
 AREAS CHECKED: []

ORIGINAL SURVEY
 SURVEYED BY: []
 PLOTTED BY: []
 NOTE BOOK NO.: []
 AREAS CHECKED: []

DATE: 1/19/08
 BY: []
 D.L.W.: []

DATE: 8/26/09
 BY: []
 D.L.W.: []



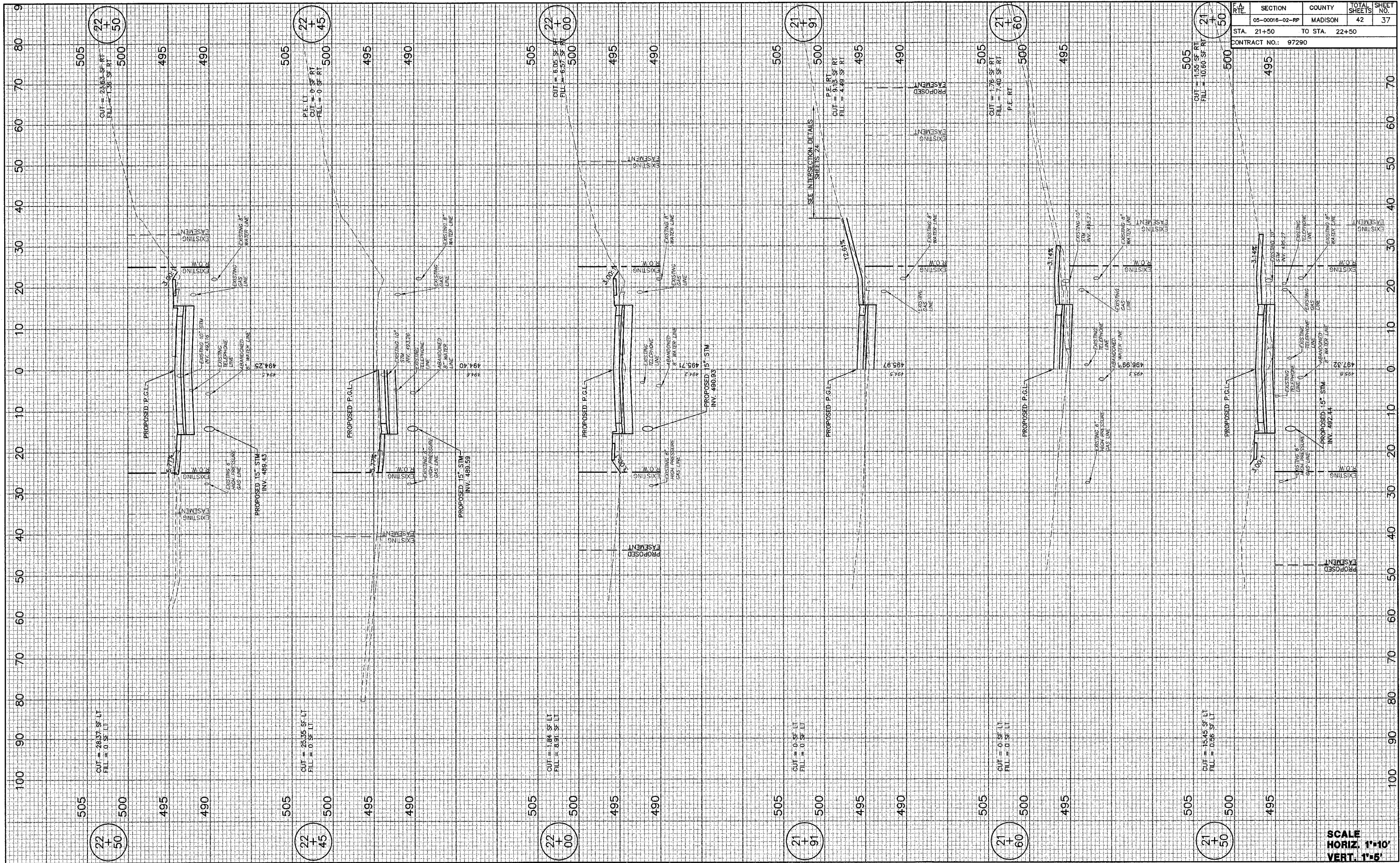
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP	MADISON	42	36

STA. 19+00 TO STA. 21+28
 CONTRACT NO.: 97290

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY SURVEY PLOTTED DATE 07/19/06
 NOTE BOOK NO. AREAS CHECKED

ORIGINAL SURVEY SURVEY PLOTTED DATE 8/28/06
 NOTE BOOK NO. AREAS CHECKED

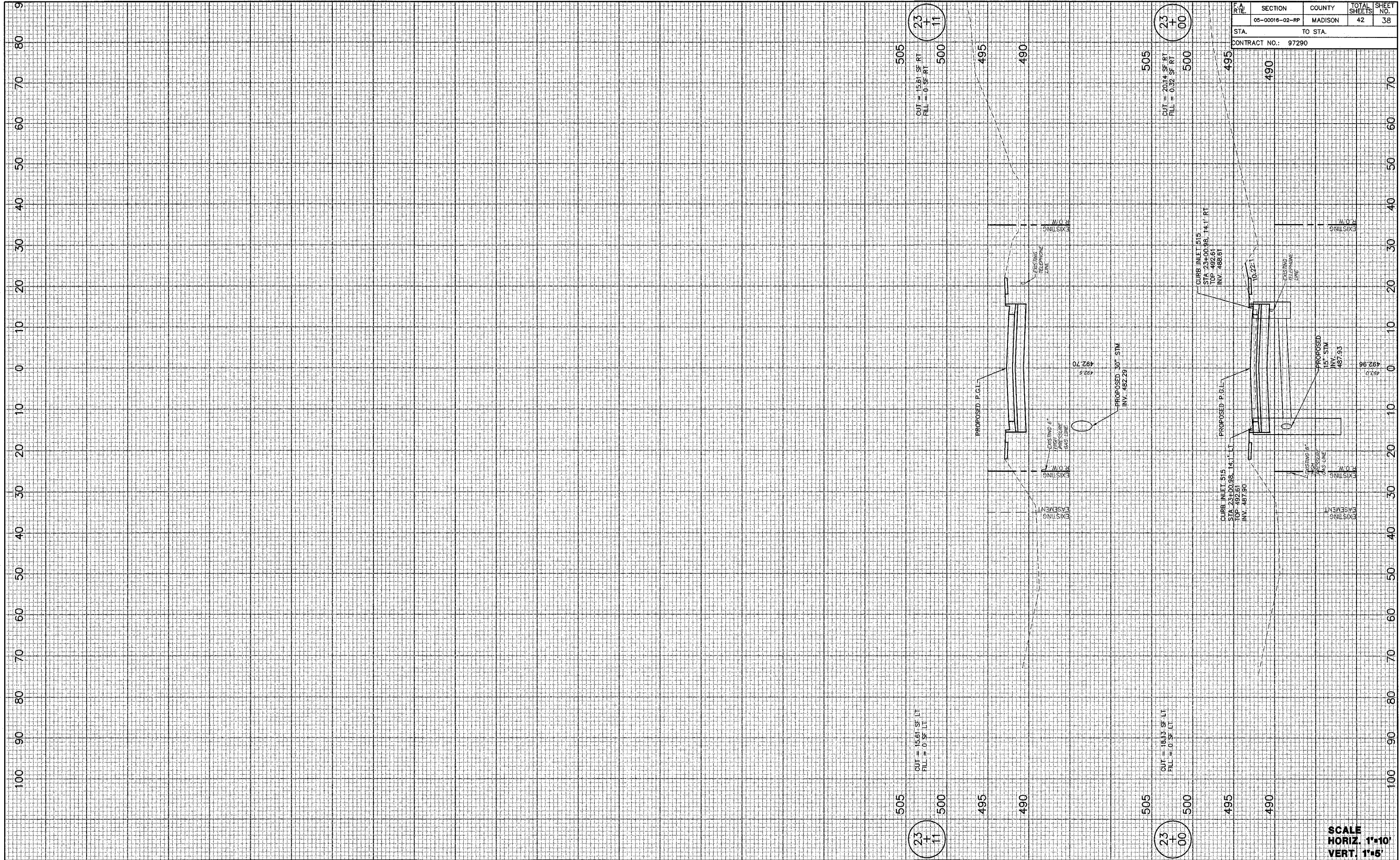


F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	37
STA. 21+50		TO STA. 22+50		
CONTRACT NO.: 97290				

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 BY D.L.W. DATE 7/18/06

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 BY D.L.W. DATE 6/29/06



23
+
11

CUT = 15.61 SF RT
 FILL = 0.32 SF RT

23
+
11

CUT = 16.91 SF LT
 FILL = 0 SF LT

23
+
00

CUT = 20.14 SF RT
 FILL = 0.32 SF RT

23
+
00

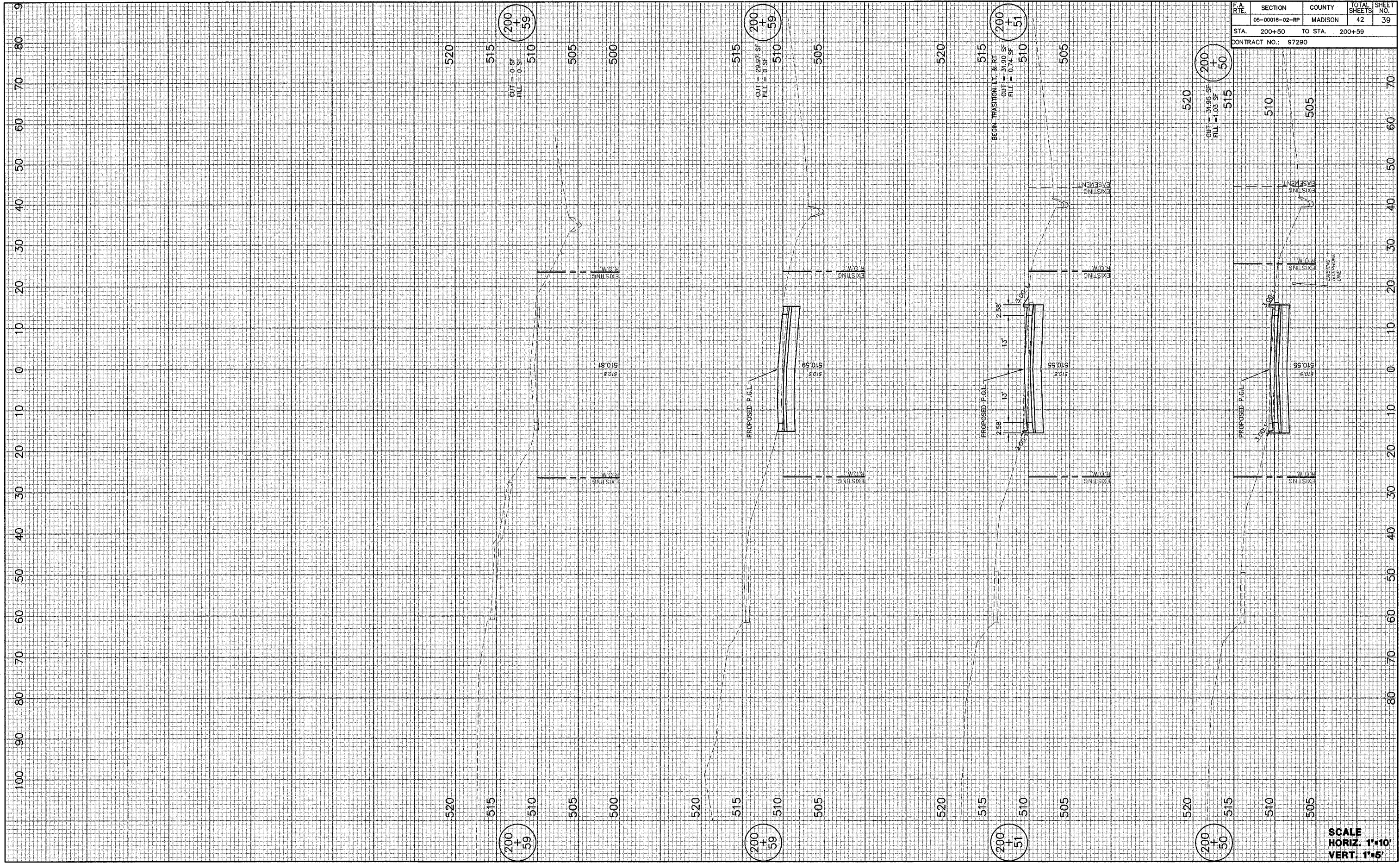
CUT = 18.13 SF LT
 FILL = 0 SF LT

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP		MADISON	42	38
STA. TO STA.		CONTRACT NO.: 97290		

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY SHARPEL BY DATE
 SURVEY PLOTTED D.L.W. 7/29/06
 NOTE BOOK AREAS AREAS CHECKED
 NO.

ORIGINAL SURVEY SHARPEL BY DATE
 SURVEY PLOTTED D.L.W. 8/29/05
 NOTE BOOK AREAS AREAS CHECKED
 NO.

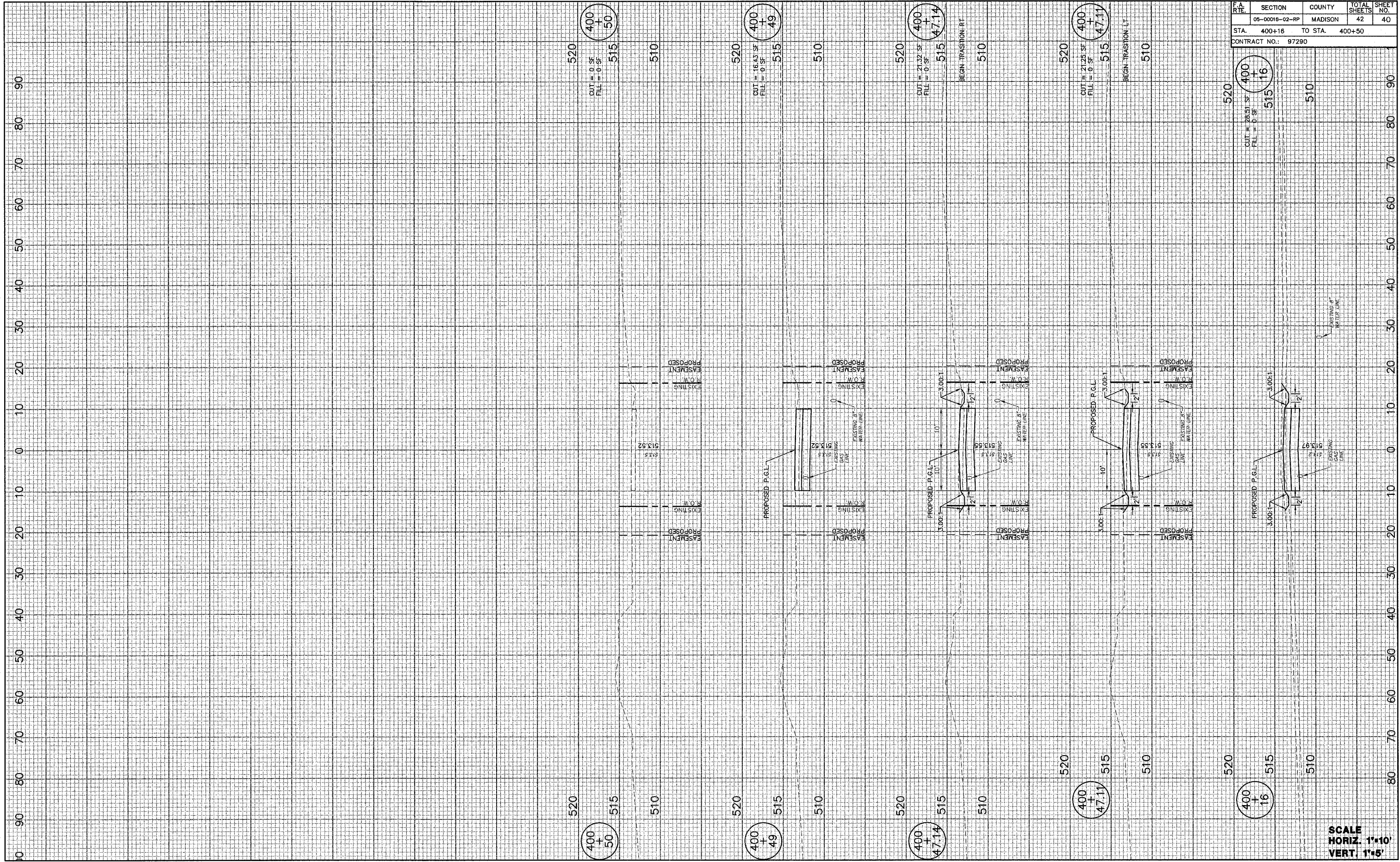


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	39
STA. 200+50		TO STA. 200+59		
CONTRACT NO.: 97290				

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY BY DATE
 SURVEYED BY D.L.W. 7/19/06
 PLOTTED BY
 NOTE BOOK NO.
 AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY D.L.W. 6/29/05
 PLOTTED BY
 NOTE BOOK NO.
 AREAS CHECKED

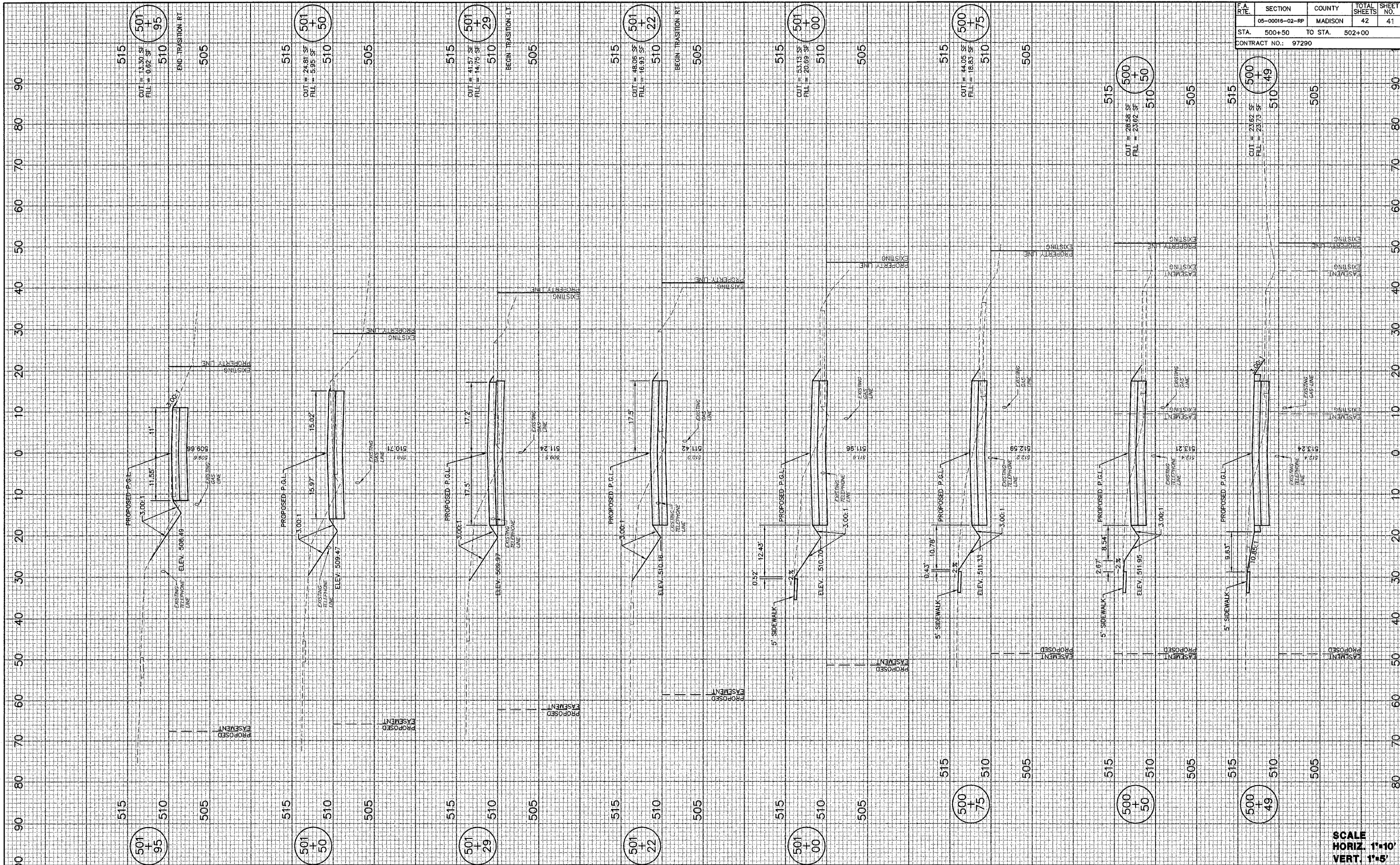


FA	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RT	05-00016-02-RP	MADISON	42	40
STA. 400+16		TO STA. 400+50		
CONTRACT NO.: 97290				

SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'

FINAL SURVEY PLOTTED TEMPLATE NOTE BOOK NO. BY D.L.W. DATE 7/18/06

ORIGINAL SURVEY PLOTTED TEMPLATE NOTE BOOK NO. BY D.L.W. DATE 8/28/05



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-0016-02-RP	MADISON	42	41
STA. 500+50		TO STA. 502+00		
CONTRACT NO.: 97290				

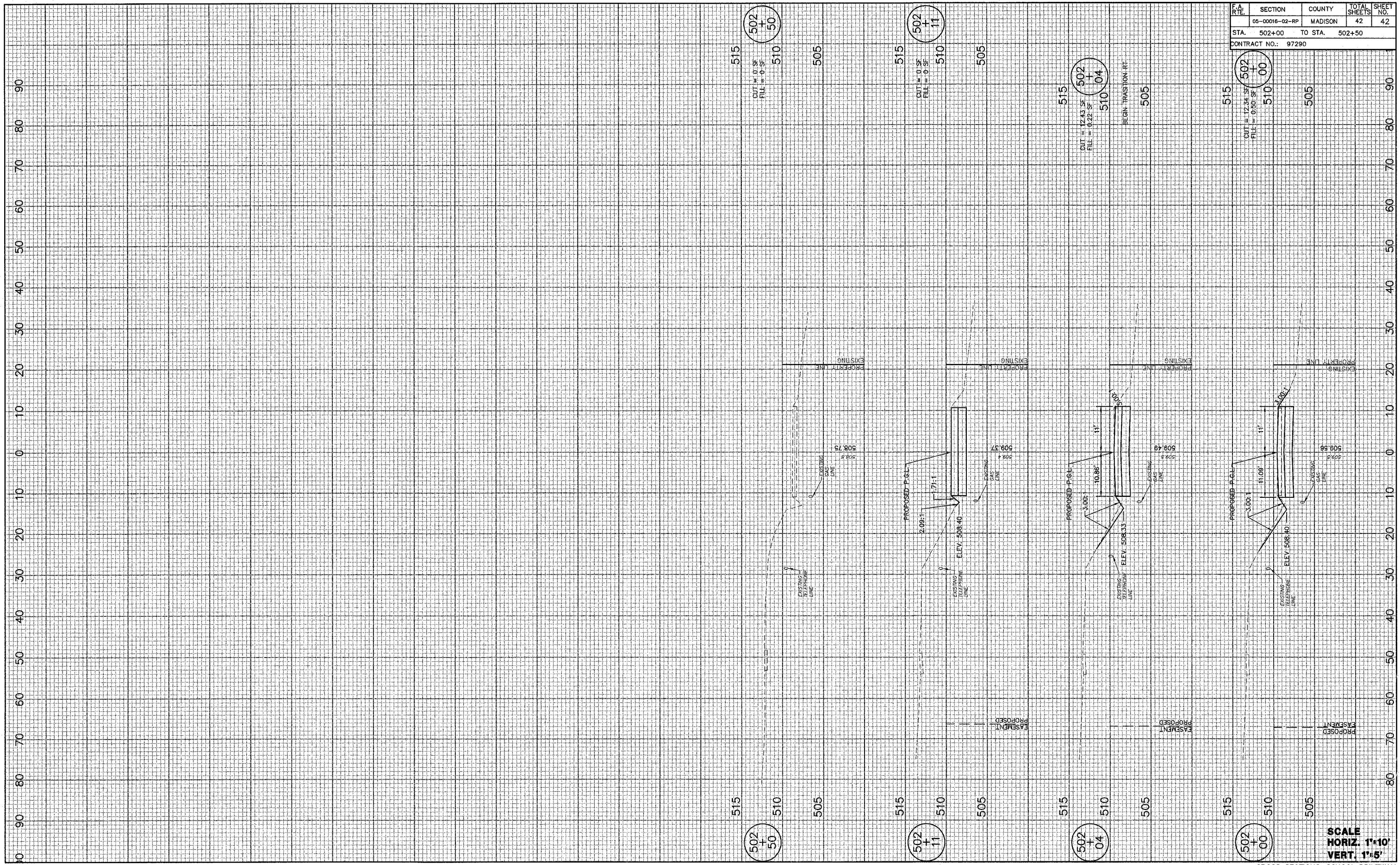
SCALE
HORIZ. 1"=10'
VERT. 1"=5'

CROSS SECTIONS--SCHOOL DRIVEWAY

FINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. 7/23/75

ORIGINAL SURVEY PLOTTED BY DATE
 NOTE BOOK NO. 8/28/75

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00016-02-RP	MADISON	42	42
STA. 502+00		TO STA. 502+50		
CONTRACT NO.: 97290				



SCALE
 HORIZ. 1"=10'
 VERT. 1"=5'