

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY

VILLAGE OF CAHOKIA  
FAU ROUTE 9195  
(JUDITH LANE, COUNTY HIGHWAY 11)  
COUNTY SECTION 03-00360-00-PV  
CITY SECTION 01-00039-00-FP  
PROJECT #M-5011 (174)  
JOB #C-98-333-04  
ST. CLAIR COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	1

CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT No. 97235

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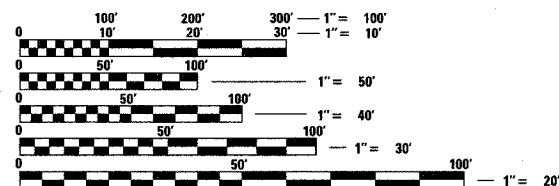
STANDARDS

000001-04	602601	666001
001006	602701	667101
280001-02	604001-02	701301-02
424001-03	604006-02	701311-02
542301	604036-01	702001-05
542306	604091-01	780001-01
602301	606001-02	781001-02
602306	606006	
602401	665001-01	

UTILITY OWNERS

SEE SHEET 2 FOR UTILITY OWNERS

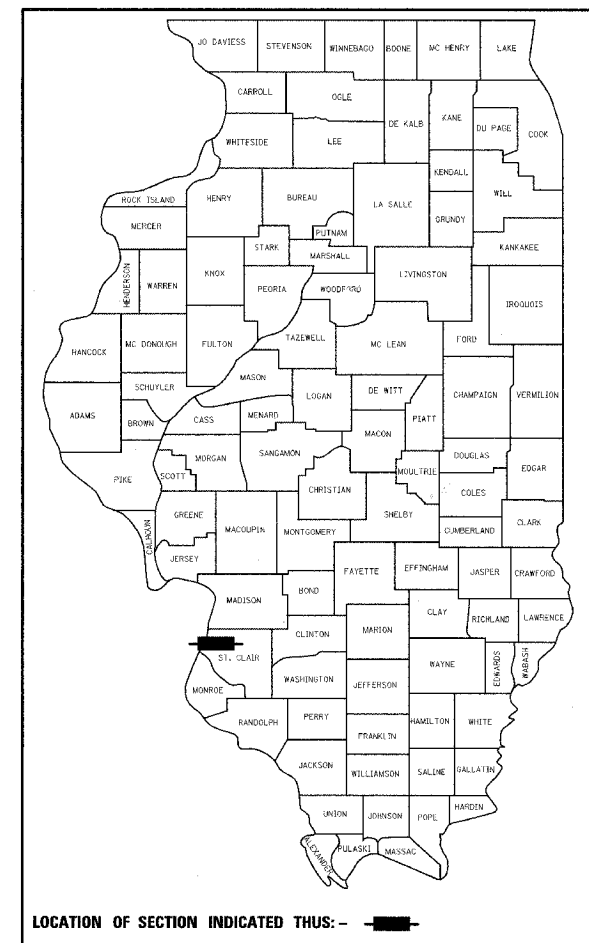
SCALES USED FOR  
VARIOUS PLAN SHEETS



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.

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

CONTRACT NO. 97235



LOCATION MAP  
NTS

TOTAL LENGTH OF SECTION 2348.03 FEET = 0.445 MILES

DESIGN SPEED  
URBAN 30 MPH

ROADWAY DESIGN DESIGNATION  
URBAN COLLECTOR TS-3

DESIGN TRAFFIC  
2005 ADT 893 (DHV 134)  
2025 ADT 1463 (DHV 220)



HURST-ROSCHÉ ENGINEERS, INC  
CONSULTING ENGINEERS  
EAST ST LOUIS, ILLINOIS

ILL PE 062-047531 MARK A. REITZ DATE  
LICENSE EXPIRES 11/30/05

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 2/17 2005  
Daniel Cato COUNTY ENGINEER

2-25 2005  
Jennifer Overman DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

20  
Mary C. Lamie DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

## GENERAL NOTES

1. SEEDING SHALL BE PLACED ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS. NUTRIENTS, MULCH AND ASPHALT, IF REQUIRED, SHALL BE APPLIED TO ALL SEEDING AREAS. THE SEEDING SHALL BE DONE ACCORDING TO ARTICLES 250 AND 251 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER. NO SEEDING WILL BE PERMITTED FROM JUNE 1 THRU AUGUST 15.
2. EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
3. FOR ALL TEMPORARY PAVEMENT MARKINGS ON FINAL SURFACES (I.E. MAINLINE PAVEMENT), ONLY TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED.
4. PROTECTIVE COAT SHALL BE APPLIED TO THE SURFACES OF NEW CONCRETE ACCORDING TO ARTICLES 420.21 AND /OR 503.19 OF THE STANDARD SPECIFICATIONS. THIS SHALL BE INCLUDED IN PCC DRIVEWAY PAVEMENT, SIDEWALK AND CURB AND GUTTER.
5. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES AND SHRUBS FROM DAMAGE DUE TO HIS OPERATIONS.
6. ALL SAW CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1-1/2" UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS.
7. AGGREGATE SHOULDER REMOVAL WILL BE PAID FOR AS EARTH EXCAVATION AND WILL BE CONSIDERED AS UNSUITABLE MATERIAL. CONCRETE DRIVEWAYS WILL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL. BITUMINOUS AND AGGREGATE DRIVEWAY REMOVAL WILL BE CONSIDERED INCLUDED IN EARTH EXCAVATION.
8. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
9. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN 1, 2002 AND THE SPECIAL PROVISIONS.
10. ALL EXISTING PIPE CULVERTS WITHIN THE CONSTRUCTION LIMITS ARE TO BE REMOVED BY THE CONTRACTOR AND THOSE PIPES WHICH ARE CONSIDERED SALVAGEABLE BY THE ENGINEER SHALL REMAIN THE PROPERTY OF THE COUNTY. ALL OTHER PIPE CULVERTS SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
11. ALL STATIONING REFERS TO THE SURVEY CENTERLINE UNLESS OTHERWISE NOTED ON THE PLANS.
12. ANY STANDARD NUMBER LISTED SHALL BE INTERPRETED TO MEAN THE COPY OF THE STANDARDS INCLUDED IN THE PLANS.
13. 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, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
14. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
15. THE REMOVAL OF EXISTING ENTRANCE CULVERTS, EXISTING CORRUGATED METAL PIPES AND THE REMOVAL OF HEADWALLS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
16. THE REMOVAL OF FENCES WITHIN THE CONSTRUCTION LIMITS OF THE PROJECT AND THE RE-ERECTION (ERECTION) OF THE FENCES WITHIN THE RIGHT-OF-WAY SHALL BE INCLUDED IN THE COST OF FENCE TO BE REMOVED AND RE-ERECTED.
17. ALL ELEVATIONS REFER TO A LOCAL DATUM, AS INDICATED ON THE PLANS.
18. STORM SEWER WATER MAIN IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT AND THE WATER MAIN INVERT IS LESS THAN 1'-6" ABOVE THE STORM SEWER CROWN.
19. STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1'-6" ABOVE THE TOP OF THE SEWER.
20. TEMPORARY PAVEMENT MARKINGS (TYPE I TAPE) SHALL BE APPLIED ONLY AT THE COMPLETION OF THE STAGE 1 CONSTRUCTION (STA 20+25 TO STA 34+40). PERMANENT PAVEMENT MARKING PAINT WILL BE APPLIED THROUGHOUT THE SECTION AT THE COMPLETION OF STAGE 2 CONSTRUCTION.
21. REMOVAL OF THE EXISTING TEMPORARY CONCRETE BARRIERS AT STATIONS 33+50 LT AND 33+60 LT SHALL BE INCLUDED IN THE CONTRACT.
22. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION. THE AFFECTED AREA OF THIS PROJECT LIES IN SECTION 35, TOWNSHIP 1 NORTH, RANGE 10 WEST IN ST. CLAIR COUNTY. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED. THE FOLLOWING UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE MEMBERS OF J.U.L.I.E.:

AMEREN UE  
500 E. BROADWAY  
EAST ST. LOUIS, ILLINOIS 62203  
PHONE: (618) 482-2214

ILLINOIS POWER COMPANY  
1050 WEST BOULEVARD  
BELLEVILLE, IL 62221  
PHONE: 1-(800)-755-5000

CHARTER COMMUNICATIONS  
210 W. DIVISION  
MARYVILLE, ILLINOIS 62062  
PHONE: (618) 345-8122

COMMONFIELDS OF CAHOKIA  
PUBLIC WATER DISTRICT  
2525 MOUSETTE LANE  
CAHOKIA, IL 62206  
PHONE: (618) 332-6620

VILLAGE OF CAHOKIA  
WATER AND SEWER DEPARTMENT  
201 W. 4TH STREET  
CAHOKIA, ILLINOIS 62206  
PHONE: (618) 337-9500

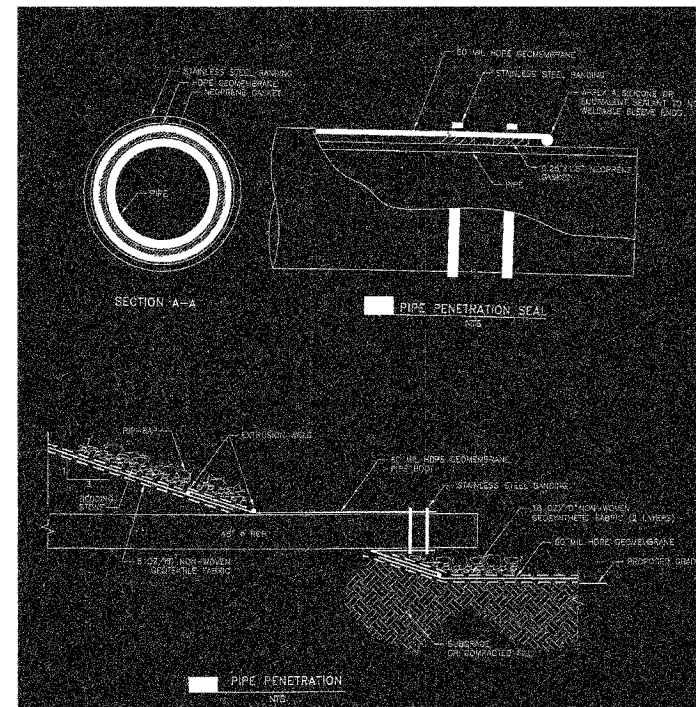
EXPLORER PIPELINE  
3300 MISSISSIPPI AVE  
EAST ST. LOUIS, ILLINOIS 62203  
PHONE: (618) 337-7190

ILLINOIS-AMERICAN WATER CO.  
300 N. WATERWORKS DR.  
BELLEVILLE, ILLINOIS 62223  
PHONE: (618) 277-9887

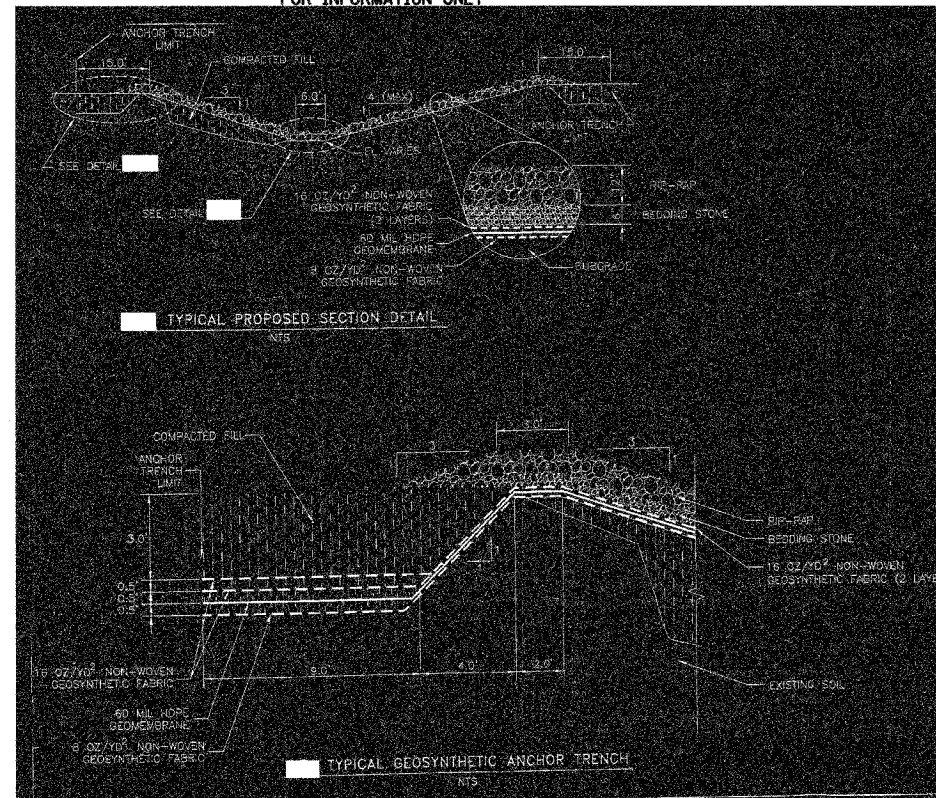
AMERITECH/SBC  
203 GOETHE AVE.  
COLLINSVILLE, ILLINOIS 62234  
PHONE: (618) 346-6400

### FACTORS USED FOR QUANTITY CALCULATIONS

BITUMINOUS MATERIALS (PRIME COAT)	0.35 GAL/SQ YD
BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "C", N50	112 LBS/SQ YD/1" DEPTH
BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL-19.0, N50	112 LBS/SQ YD/1" DEPTH
AGGREGATE BASE COURSE, TY A 12"	2 TONS/CY
AGGREGATE BASE COURSE, TY B 6"	2 TONS/CY
AGGREGATE SURFACE COURSE, TY A 8"	2 TONS/CY



"FOR INFORMATION ONLY"



### GEOTECHNICAL FABRIC, SPECIAL

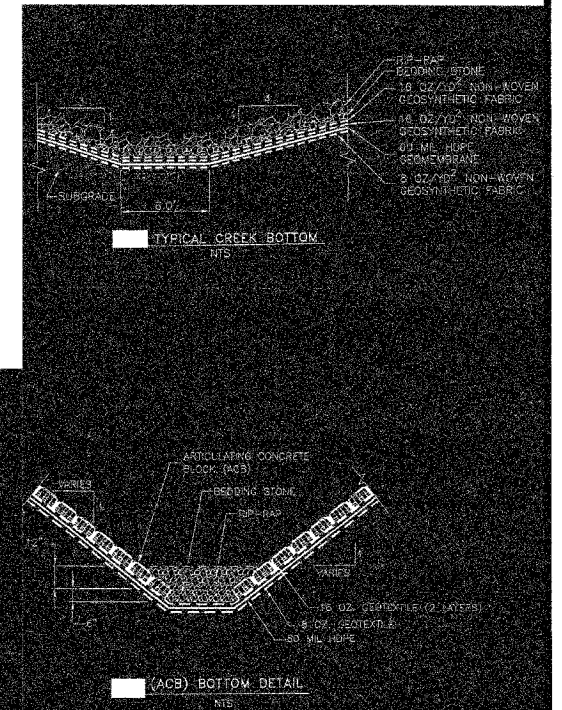
"FOR INFORMATION ONLY"

THE ABOVE DETAILS ARE FOR THE PROPOSED CONSTRUCTION (BY OTHERS) WITHIN DEAD CREEK (LEFT SIDE). THIS CONSTRUCTION IS TO BE COMPLETED (BY OTHERS) PRIOR TO EXECUTION OF CONTRACT 97235. THE PROPOSED PIPE CULVERT EXTENSION AT DEAD CREEK, STA 33+65, LT SHALL BE RESEAL AND RECONSTRUCTED TO IEPA REGULATIONS AND AS PER THE DETAILS ABOVE. CONTRACTOR SHALL BASE HIS BID PRICE ON THE ABOVE DETAILS. EXISTING MEMBRANES AND FABRIC ARE TO BE REUSED AND RESHAPED AS NECESSARY FOR THE PIPE CULVERT EXTENSION.

A REPRESENTATIVE FROM IEPA IS REQUIRED TO BE ON SITE FOR ALL CONSTRUCTION WITHIN DEAD CREEK. CONTRACTOR SHALL FIELD VERIFY PIPE CULVERT SIZE PRIOR TO INSTALLATION.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	2
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235



"FOR INFORMATION ONLY"

### REVISIONS

NO.	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## GENERAL NOTES

SCALE: NO SCALE

DATE: 12-01-04

DRAWN BY: JJC

CHECKED BY: MAR

## SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	3
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

CODE NO.	ITEM	UNITS	1000-2A	TOTAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	22	22
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	74	74
20200100	EARTH EXCAVATION	CU YD	5320	5320
20800150	TRENCH BACKFILL	CU YD	278	278
25000100	SEEDING, CLASS 1	ACRE	0.75	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	68
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68	68
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	68
25100115	MULCH, METHOD 2	ACRE	0.75	0.75
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150	150
28000400	PERIMETER EROSION BARRIER	FOOT	454	454
28000500	INLET AND PIPE PROTECTION	EACH	22	22
28100107	STONE RIPRAP, CLASS A4	SQ YD	20	20
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	8774	8774
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	268	268
40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	260	260
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	2604	2604
40600300	AGGREGATE (PRIME COAT)	TON	156	156
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	390	390
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	259	259
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	9089	9089
44000100	PAVEMENT REMOVAL	SQ YD	5740	5740
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	36	36
50100300	* REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1
50100400	* REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	52	52
542A0259	PIPE CULVERTS, CLASS A, TYPE 1 54"	FOOT	14	14
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	88	88
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1
54213699	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54"	EACH	2	2
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	2	2
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	1	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	916	916
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	280	280
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	163	163
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	211	211
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	115	115

CODE NO.	ITEM	UNITS	1000-2A	TOTAL
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	559	559
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	11	11
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	341	341
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	303	303
55035700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 45, RISE 29	FOOT	33	33
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	7	7
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8	8
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	6	6
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	14	14
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	4
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4	4
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	7	7
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	4	4
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	4	4
60500060	REMOVING INLETS	EACH	3	3
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4.8	4.8
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4696.0	4696.0
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	7	7
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	4
70101700	* TRAFFIC CONTROL AND PROTECTION	L SUM	1	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	360	360
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	120	120
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2398	2398
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	25	25
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	30	30
XX000714	* FENCE TO BE REMOVED AND RE-ERECTED	FOOT	181	181
XX002093	* REMOVAL OF EXISTING RIPRAP	SQ YD	120	120
XX004949	* INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE	TON	30	30
X4021000	* TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	31	31
X4022000	* TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8
X4066414	* BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	1167	1167
X4066614	* BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	1944	1944
XX006173	* GEOTECHNICAL FABRIC, SPECIAL	L SUM	1	1

\* A CODE NUMBER WITH AN ASTERISK (\*) INDICATES THAT THE PAY ITEM IS NOT COVERED BY THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS OR BY A HIGHWAY STANDARD. A SPECIAL PROVISION IS REQUIRED FOR CLARIFICATION UNLESS THE ITEM IS COVERED BY SOME OTHER METHOD.

REVISIONS	
NO.	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## SUMMARY OF QUANTITIES

SCALE: NO SCALE  
 DATE: 12-01-04

DRAWN BY: JJC  
 CHECKED BY: MAR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	4
STA.		TO STA.		

\* CITY SECTION #01-00039-00-PP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

STRUCTURAL DESIGN TRAFFIC: YEAR 2014

PV= 1006 SU= 80 MU= 57

ROAD/STREET CLASSIFICATION: CLASS III

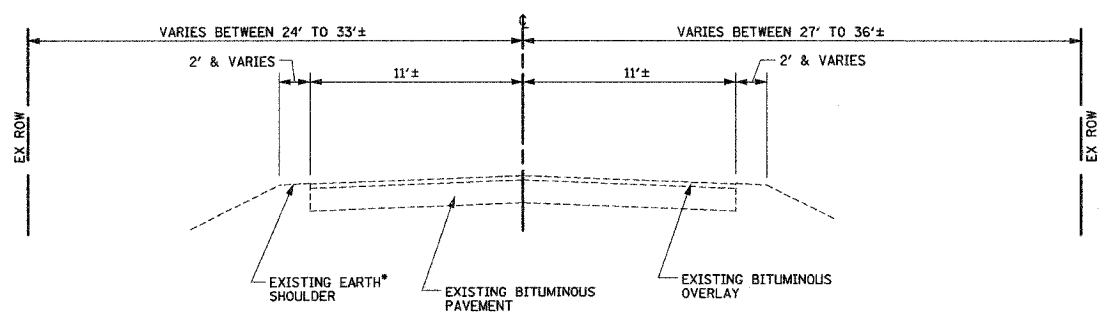
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P= 50% S= 50% M= 50%

TRAFFIC FACTOR: ACTUAL TF= 0.25  
MINIMUM TF= \_\_\_\_\_ AC TYPE= 10

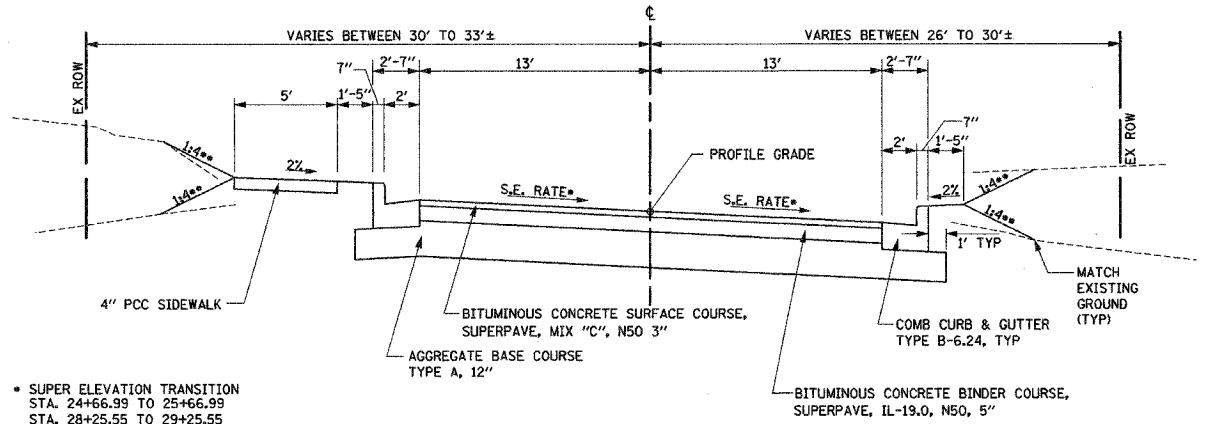
SUBGRADE SUPPORT RATING:  
SSR= POOR (STA 20+00.00 TO 43+72.64)

MODIFIED AASHTO  
USE: BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 3"  
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50, 5"  
AGGREGATE BASE COURSE, TYPE A, 12"



\* EXISTING AGGREGATE SHOULDER FROM STA 20+54 TO 21+76.53 RT

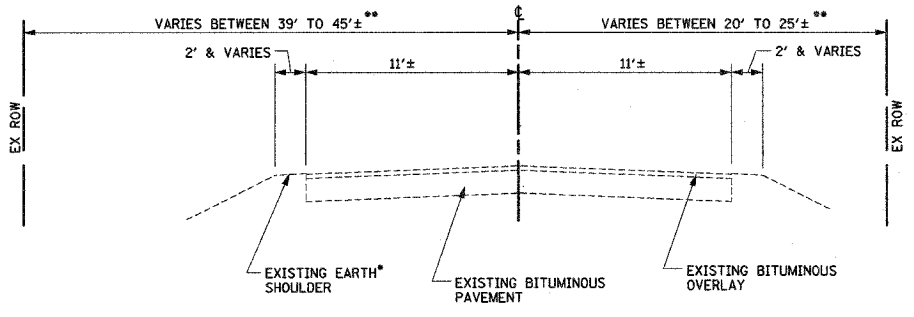
**EXISTING TYPICAL SECTION**  
STA 20+24.61 TO STA 33+03.74



\* SUPER ELEVATION TRANSITION STA. 24+66.99 TO 25+66.99  
STA. 28+25.55 TO 29+25.55  
FULL SUPER (a) = 3.4%

\*\* USE 1:4 SLOPES UNLESS OTHERWISE SHOWN ON CROSS SECTIONS AND/OR PROPOSED TYPICAL SECTION WITH DITCH (THIS SHEET)

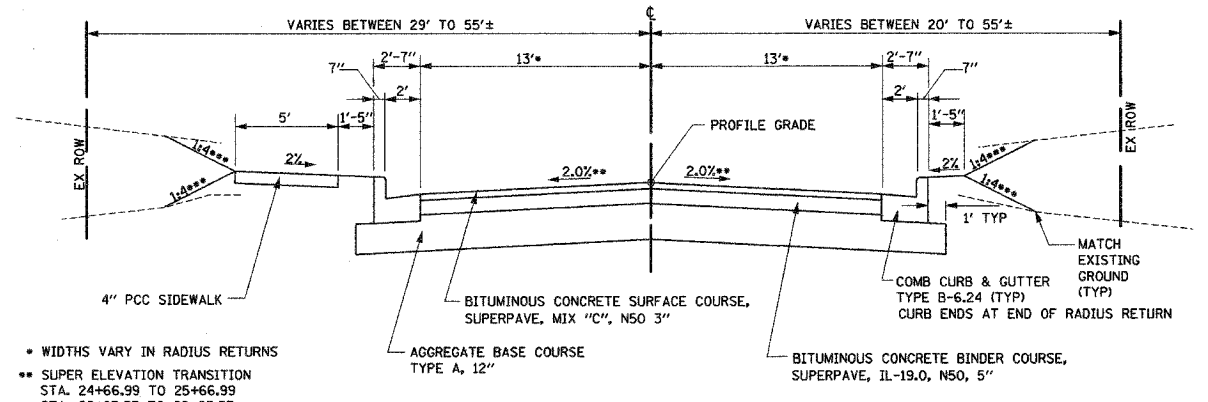
**PROP SUPERELEVATED TYPICAL SECTION**  
STA. 25+32.25 TO STA. 28+57.46



\* EXISTING AGGREGATE SHOULDER FROM STA 33+65.12 TO 41+29.45 LT  
STA 34+67.07 TO 41+30.17 RT

\*\* 55' FROM STA 33+03.74 TO 33+91.90 LT  
55' FROM STA 33+06.98 TO 34+06.50 RT

**EXISTING TYPICAL SECTION**  
STA 33+03.74 TO STA 43+72.64

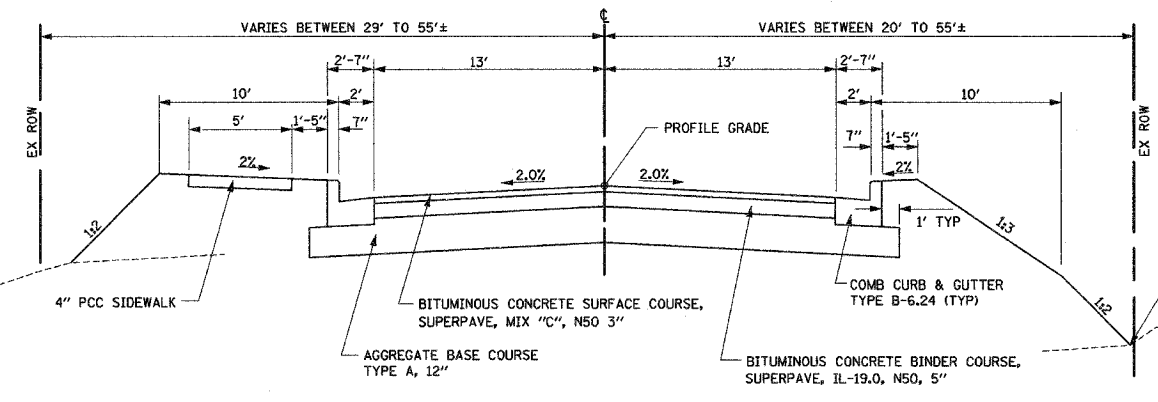


\* WIDTHS VARY IN RADIUS RETURNS

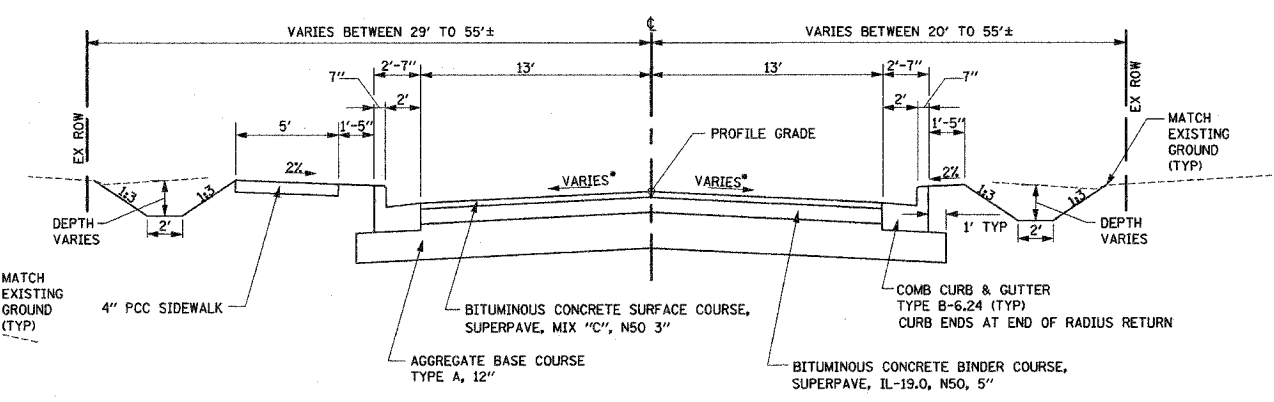
\*\* SUPER ELEVATION TRANSITION STA. 24+66.99 TO 25+66.99  
STA. 28+25.55 TO 29+25.55

\*\*\* USE 1:4 SLOPES UNLESS OTHERWISE SHOWN ON CROSS SECTIONS AND/OR PROPOSED TYPICAL SECTION WITH DITCH (THIS SHEET)

**PROPOSED TANGENT TYPICAL SECTION**  
STA. 20+24.61 TO STA. 25+32.25  
STA. 28+57.46 TO STA. 33+10.00  
STA. 33+90.00 TO STA. 43+72.64



**PROPOSED TYPICAL SECTION AT DEAD CREEK**  
STA. 33+10.00 TO STA. 33+90.00



**PROPOSED TYPICAL SECTION WITH DITCH**

LEFT SIDE  
STA. 24+50.00 TO STA. 31+00.00\*\*  
STA. 38+25.80  
STA. 40+50.00 TO STA. 42+00.00

RIGHT SIDE  
STA. 23+50.00  
STA. 24+50.00 TO STA. 26+50.00  
STA. 28+00.00 TO STA. 32+50.00\*\*  
STA. 38+50.00 TO STA. 40+00.00  
STA. 40+50.00 TO STA. 41+50.00

\* SEE PROPOSED TANGENT AND SUPERELEVATED TYPICAL SECTIONS (THIS SHEET) FOR CROSS SLOPE INFORMATION

\*\* USE 1:3 SLOPES UNLESS OTHERWISE SHOWN ON CROSS SECTIONS

REVISIONS	
NAME	DATE

ST CLAIR COUNTY, ILLINOIS

# TYPICAL SECTIONS

SCALE: NO SCALE  
DATE: 12-01-04

DRAWN BY: JJC  
CHECKED BY: MAR



# SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	•	ST CLAIR	54	6
STA.		TO STA.		

• CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-FV  
 CONTRACT NO. 97235

Structure Number	Inlets						Manholes					PRC FES					
	A-3	A-8	A-24	B-3	B-8	B-24	A-1 CL (4' Dia)	A-3 (4' Dia)	A-8 (4' Dia)	A-1 CL (5' Dia)	A-3 (5' Dia)	A-8 (5' Dia)	24" ERS	36" ERS	24"	36"	54"
1-1			1														
1-2											1						
1-3											1						
1-4	1																
1-5				1													
1-6												1					
1-7												1					
2-1		1															
2-2																1	
2-3	1																
2-4																1	
2-5					1												
2-6				1													
2-7											1						
2-8											1						
2-9																1	
2-10											1						
2-11																1	
2-12											1						
2-13	1																
3-1					1												
3-2						1											
3-3																1	
3-4				1													
3-5	1																
3-6											1						
3-7																1	
3-8	1																
3-9			1														
3-10						1											
3-11											1						
3-12													1				
3-13																1	
3-14											1						
3-15											1						
3-16				1													
3-17	1																
3-18											1						
3-19											1						
3-20				1													
3-21																1	
3-22																1	
3-23																	1
3-24																	1
4-1	1																
4-2	1																
4-3											1						
4-4	1																
4-5																1	
4-6	1																
4-7											1						
4-8	1																
4-9	1																
4-10				1													
4-11											1						
4-12		1															
4-13											1						
4-14	1																
4-15		1															
4-16						1											
4-17																1	
4-18					1												
4-19																1	
4-20																1	
4-21		1															
4-22	1																
4-23											1						
4-24																1	
4-25					1												

Structure Number	Inlets						Manholes					PRC FES					
	A-3	A-8	A-24	B-3	B-8	B-24	A-1 CL (4' Dia)	A-3 (4' Dia)	A-8 (4' Dia)	A-1 CL (5' Dia)	A-3 (5' Dia)	A-8 (5' Dia)	24" ERS	36" ERS	24"	36"	54"
4-26					1												
4-27												1					
5-1											1						
5-2				1													
5-3				1													
Total	14	4	4	7	4	4	1	7	8	5	2	6	2	1	2	1	2

PAVEMENT REMOVAL			
Location	width(ft)	SQ YD	
Judith Lane	20+24.61 to 43+72.64	22	5740

TEMPORARY PAVEMENT MARKING - LINE 4"				
LOCATION				FOOT
Judith Lane - Stage 1	20+24.61	to	34+40.00	10' Stripe every 40'
				TOTAL 360

REMOVAL OF EXISTING STRUCTURES NO. 2		
Location	SQ FT	
Judith Lane	33+77.55	Lt 1

WORK ZONE PAVEMENT MARKING REMOVAL			
LOCATION			SQ FT
Judith Lane - Stage 1	20+24.61	to	34+40.00
			TOTAL 120

REMOVAL OF EXISTING STRUCTURES NO. 1		
Location	SQ FT	
Judith Lane	33+69.65	Rt 1

PAINT PAVEMENT MARKING - LINE 4"			
LOCATION			FOOT
Judith Lane	20+50.00	to	28+75.00
			Double Solid Line 1650
			Single Solid Line 375
			10' Stripe every 40' 96
			10' Stripe every 40' 277
TOTAL 2398			

REMOVING INLETS			
Location	offset (ft)	EACH	
Judith Lane	38+13.15	RT	17.3 1
	39+40.34	RT	17.7 1
	41+38.09	RT	18.8 1
			TOTAL 3

FENCE TO BE REMOVED AND RE-ERECTED				
Location				FOOT
Judith Lane	32+91.57	to	33+85.54	Lt 106
	34+89.57	to	35+05.75	Lt 25
	35+95.71	to	36+35.34	Lt 50
				TOTAL 181

PAINT PAVEMENT MARKING - LINE 24"			
LOCATION			FOOT
Judith Lane	20+50.00		
			TOTAL 25

PERMANENT SURVEY MARKERS, TYPE I			
Location			EACH
Judith Lane	POT	20+00.00	1
	PC	22+51.42	1
	PT	24+51.42	1
	PC	25+33.66	1
	PT	28+58.88	1
	POT	34+00.43	1
	POT	44+58.44	1
			TOTAL 7

RAISED REFLECTIVE PAVEMENT MARKER				
LOCATION				EACH
Judith Lane	20+24.61	to	43+72.64	spaced every 80'
				TOTAL 30

REVISIONS	
NAME	DATE

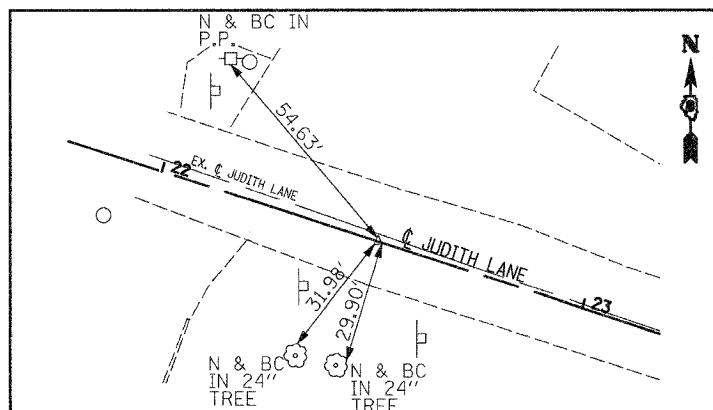
ST CLAIR COUNTY, ILLINOIS

## SCHEDULE OF QUANTITIES

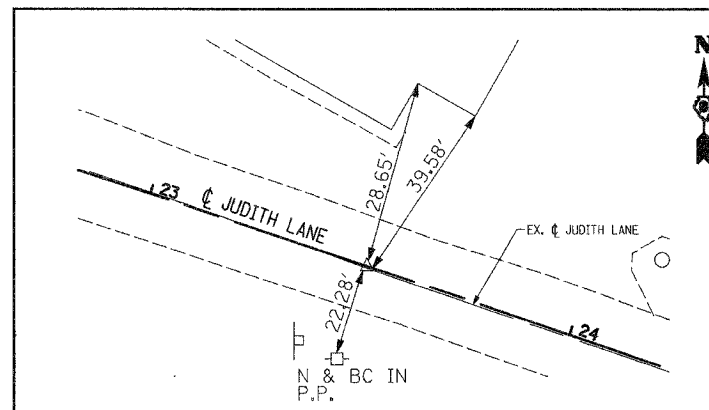
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 DATE: 12-01-04      CHECKED BY: MAR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	7
STA.		TO STA.		

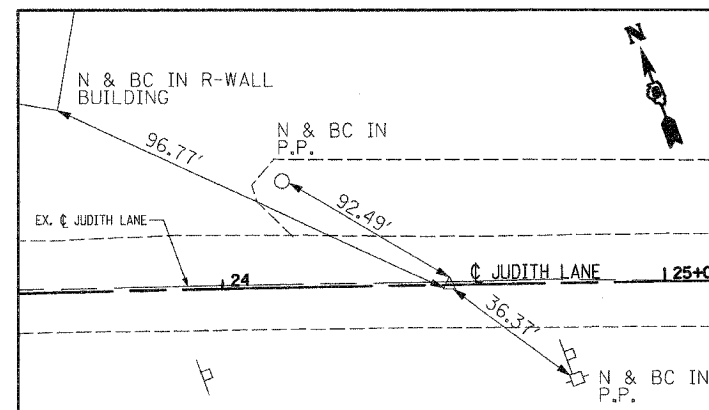
\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235



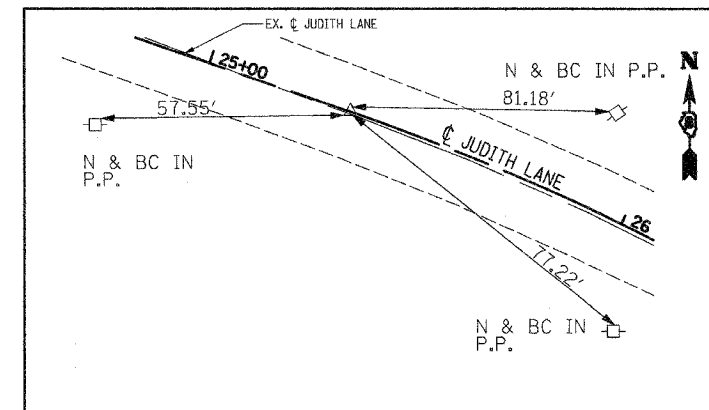
P.C. STA. 22+51.42 P.K. (SET)



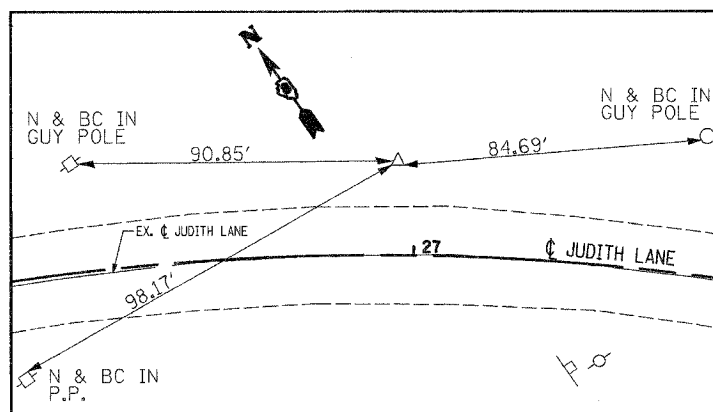
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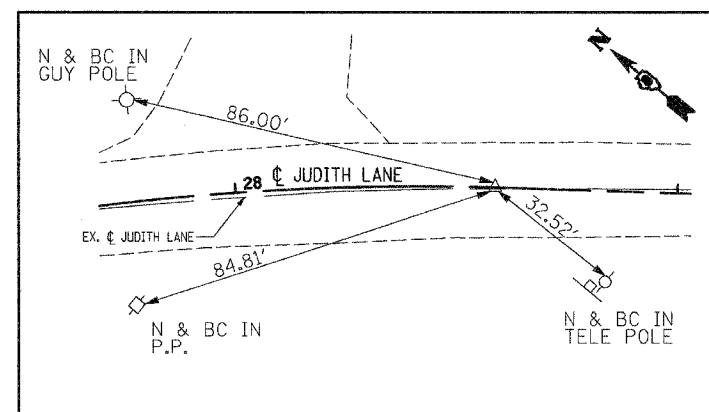
P.T. STA. 24+51.42 P.K. (SET)



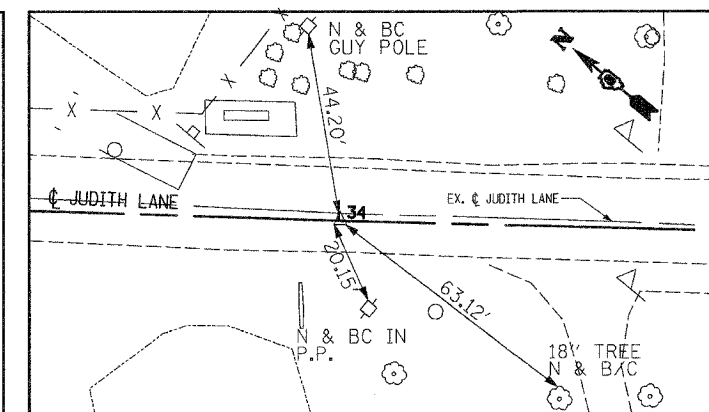
P.C. STA. 25+33.66 P.K. (SET)



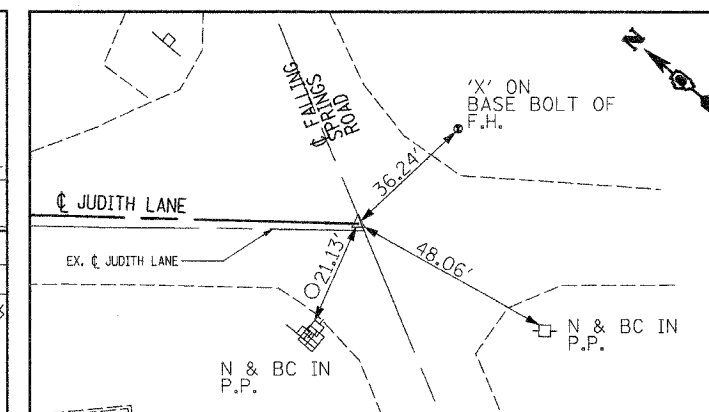
P. I. STA. 26+99.42 IP (SET)



P.T. STA. 28+58.88 P.K. (SET)



P.I. STA. 34+00.43 P.K. (SET)



P.O.T. STA. 44+58.44 P.K. (SET)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## REFERENCE TIES JUDITH LANE

SCALE: NO SCALE  
 DATE: 12-01-04

DRAWN BY: JJC  
 CHECKED BY: MAR

D:\projects\ref\_ties\ref\_ties.dwg 12/01/04 10:46 AM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	8
STA. 20+00		TO STA. 25+00		

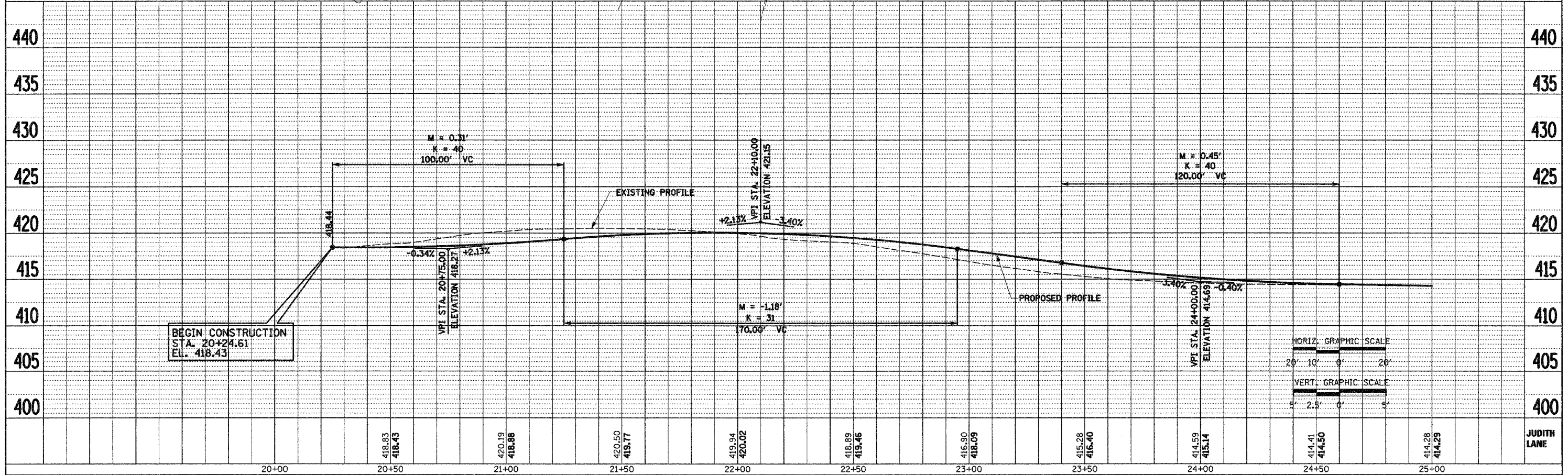
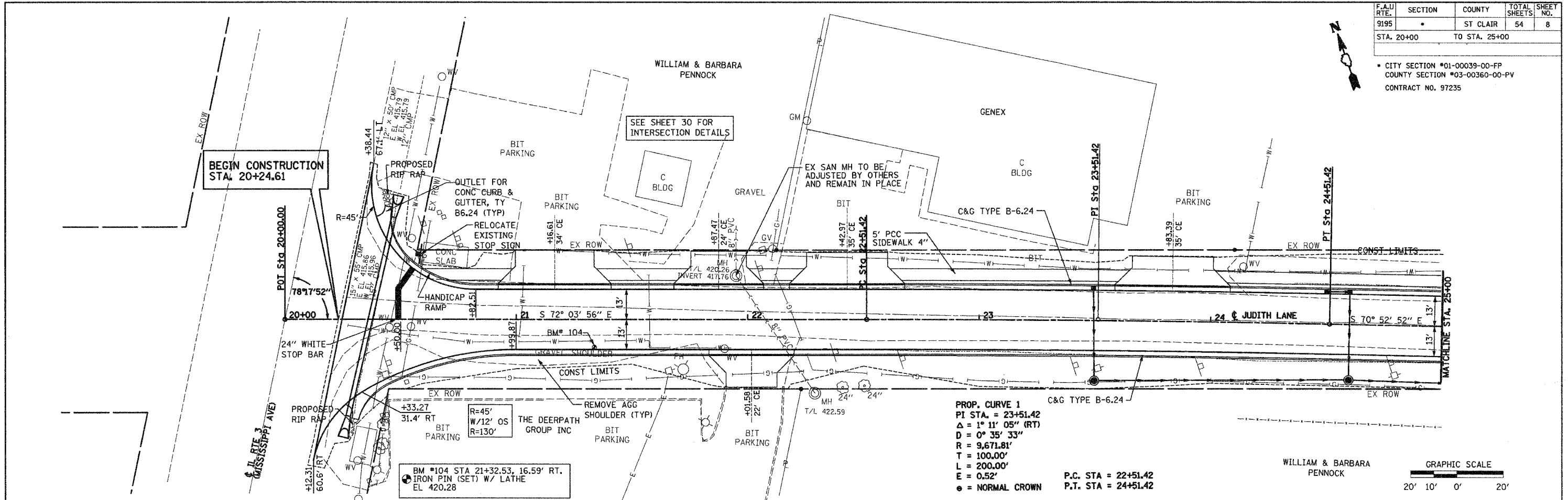
CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

DATE	BY

SURVEYED BY: \_\_\_\_\_  
 PLAN NO.: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

DATE	BY

SURVEYED BY: \_\_\_\_\_  
 PROFILE NO.: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

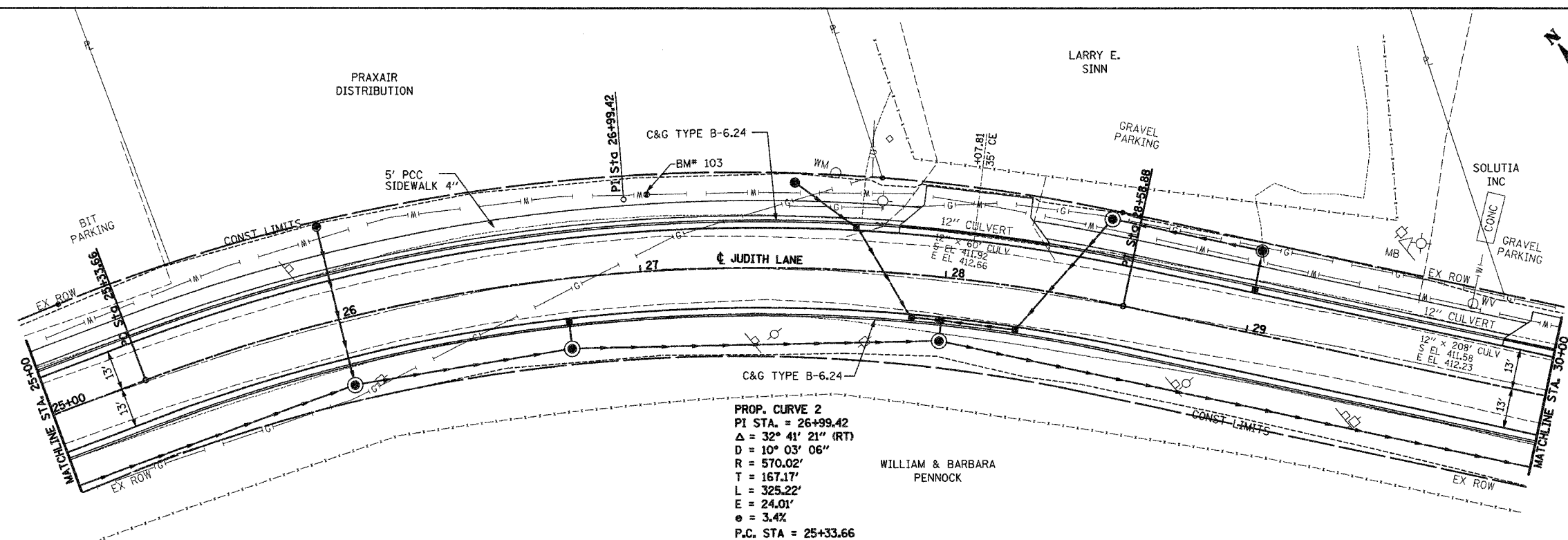




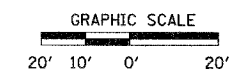
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	9

STA. 25+00 TO STA. 30+00

CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

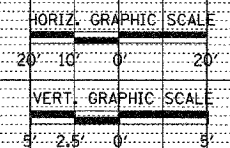
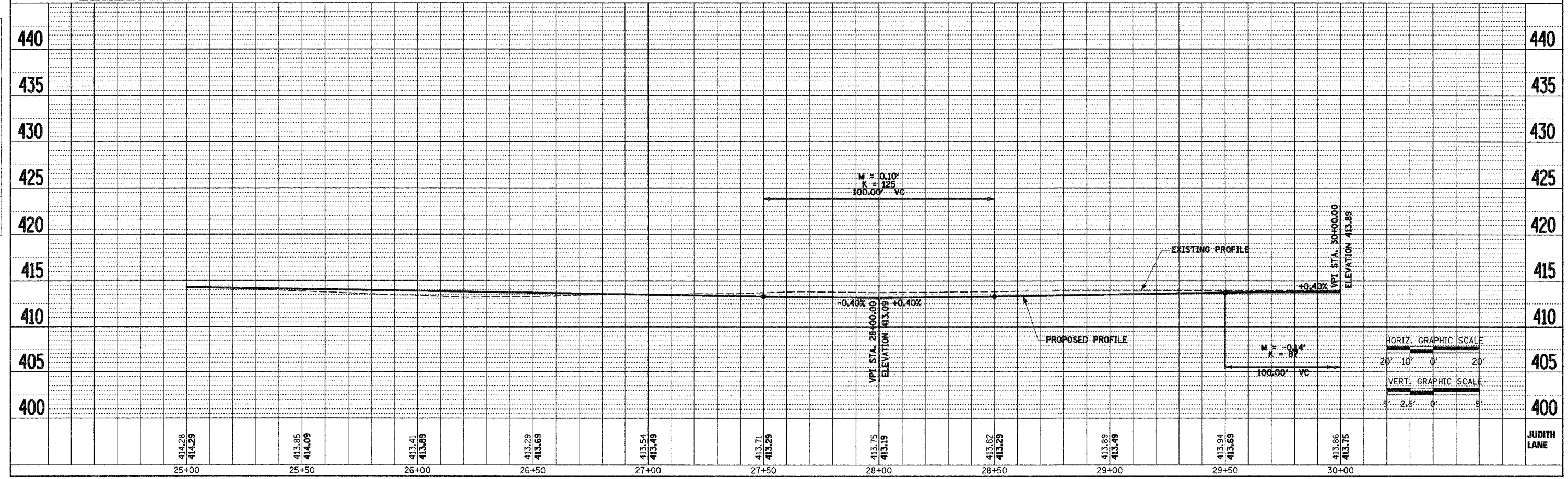


BM #103 STA 27+02.27, 25.11' LT.  
 IRON PIN (SET) WITH LATHE  
 EL 413.65



DATE	BY

DATE	BY

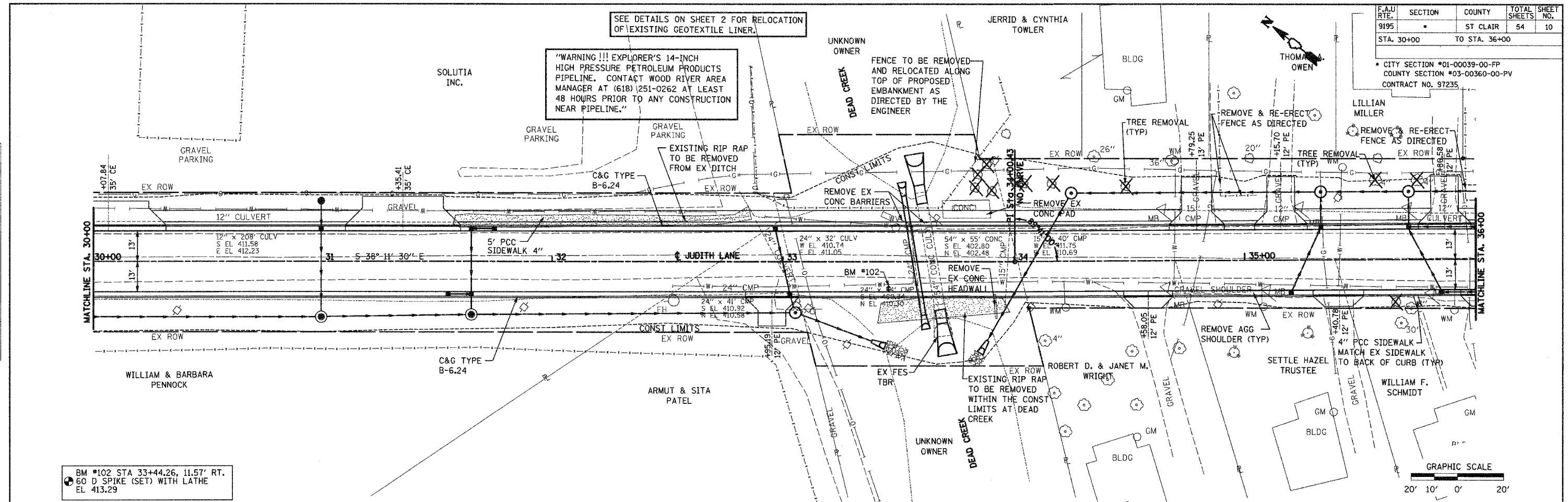


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	10
STA. 30+00		TO STA. 36+00		

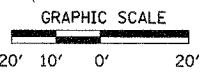
\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

SEE DETAILS ON SHEET 2 FOR RELOCATION OF EXISTING GEOTEXTILE LINER.

"WARNING !!! EXPLORER'S 14-INCH HIGH PRESSURE PETROLEUM PRODUCTS PIPELINE. CONTACT WOOD RIVER AREA MANAGER AT (618) 251-0262 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION NEAR PIPELINE."



BM #102 STA 33+44.26, 11.57' RT.  
 60 D SPIKE (SET) WITH LATHE  
 EL 413.29



DATE	BY	REVISION

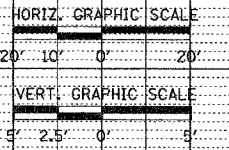
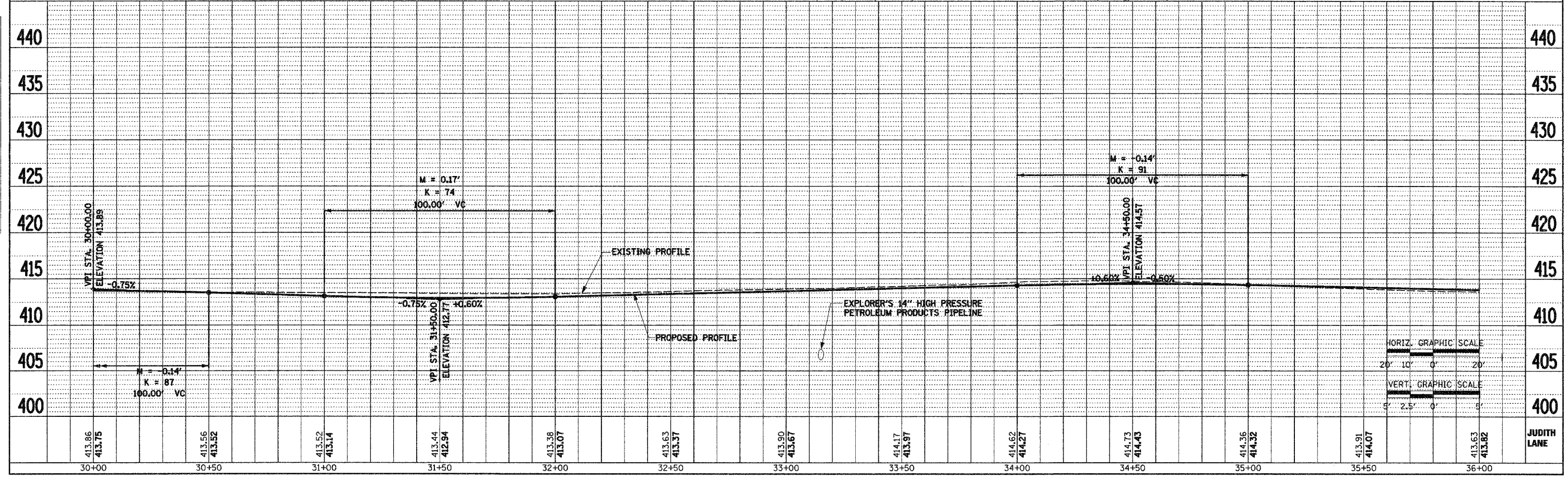
PLAN

SURVEYED BY: \_\_\_\_\_  
 GRADES CHECKED BY: \_\_\_\_\_  
 ALIGNMENT CHECKED BY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 DATE OF FIELD CHECK: \_\_\_\_\_  
 DATE OF PLAN CHECK: \_\_\_\_\_

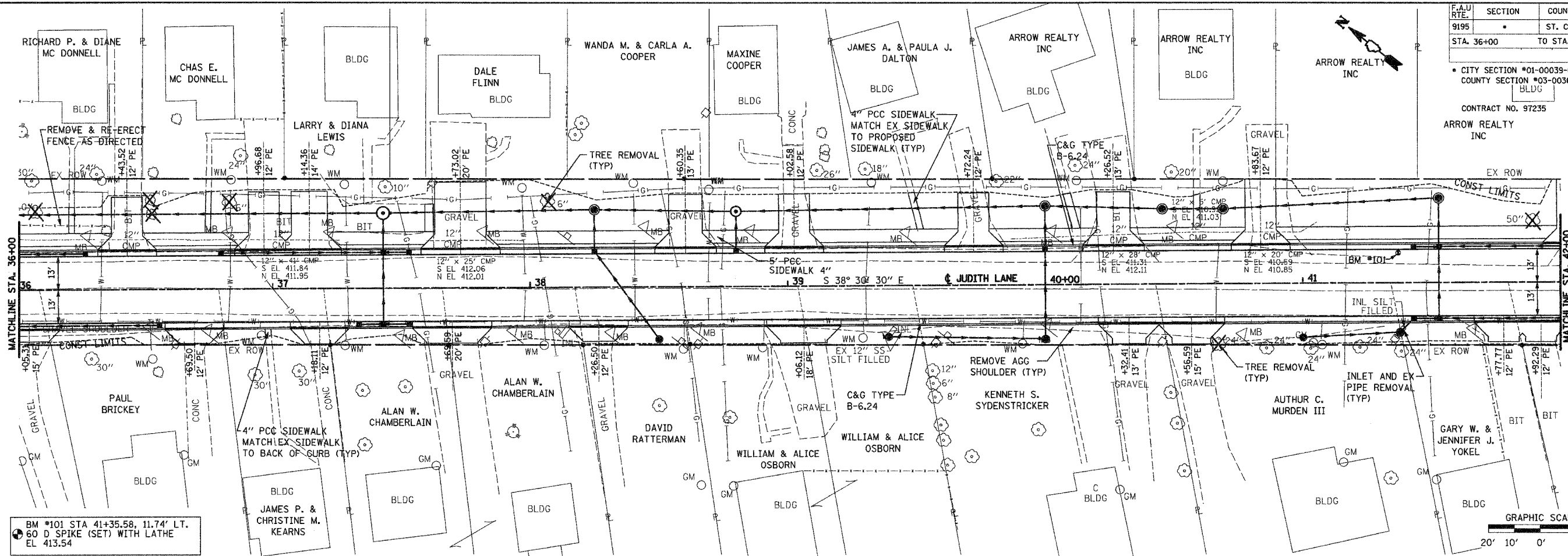
DATE	BY	REVISION

PROFILE

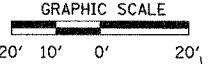
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 ALIGNMENT CHECKED BY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 DATE OF FIELD CHECK: \_\_\_\_\_  
 DATE OF PROFILE CHECK: \_\_\_\_\_



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	•	ST. CLAIR	54	11
STA. 36+00		TO STA. 42+00		
CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV BLDG CONTRACT NO. 97235 ARROW REALTY INC				

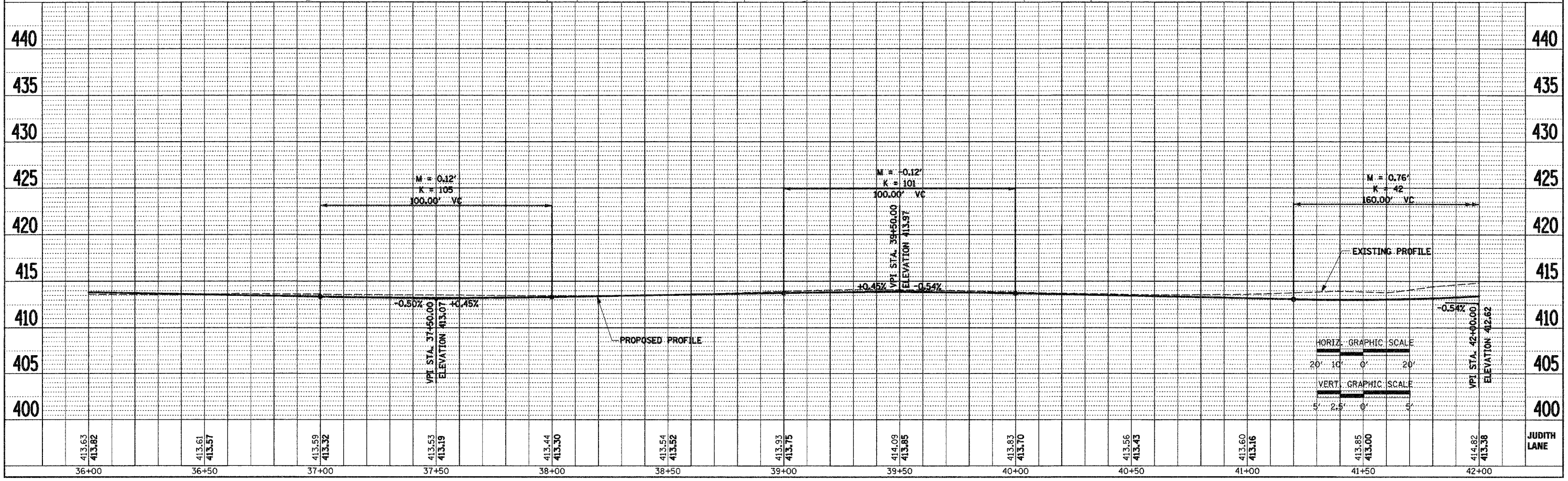


BM #101 STA 41+35.58, 11.74' LT.  
 60 D SPIKE (SET) WITH LATHE  
 EL 413.54



PLAN	DATE
SURVEYED	
NOTE BOOK	
ALIGNED	
CHECKED	
BY	
NO.	

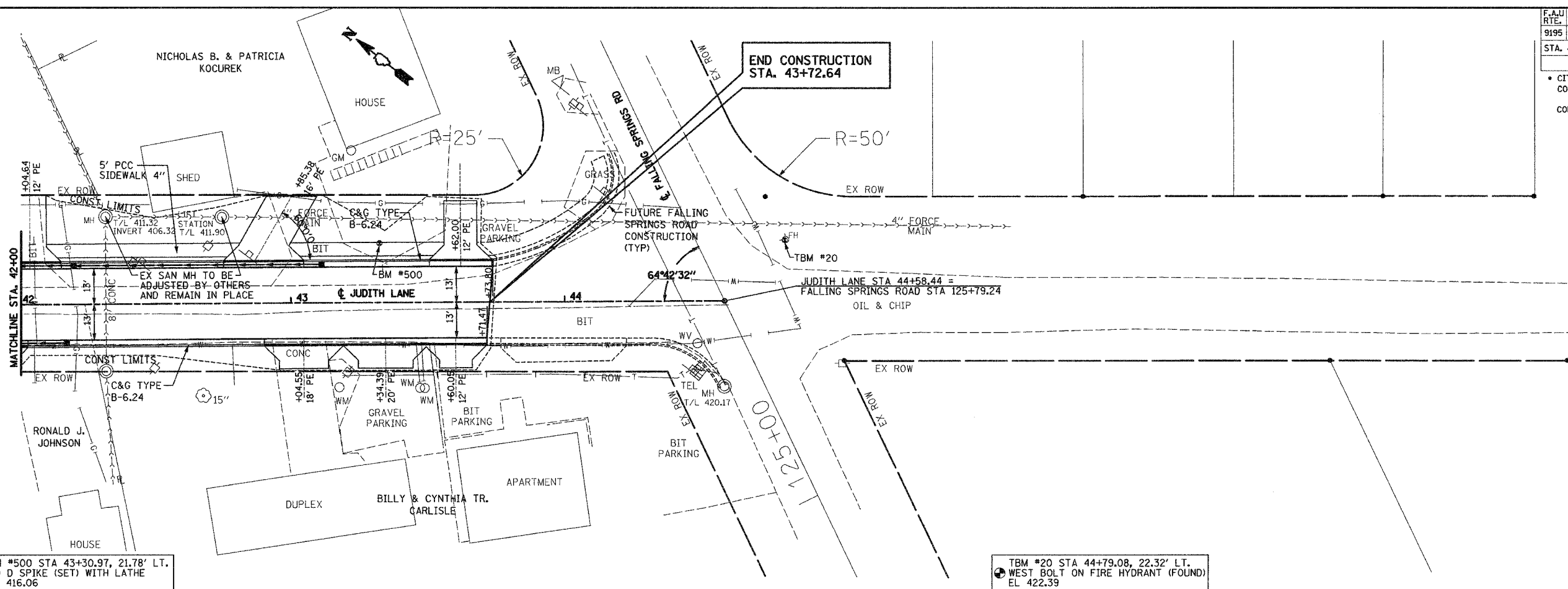
PROFILE	DATE
SURVEYED	
GRADES CHECKED	
BY	
NO.	



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	12
STA. 42+00		TO STA. 44+57.03		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

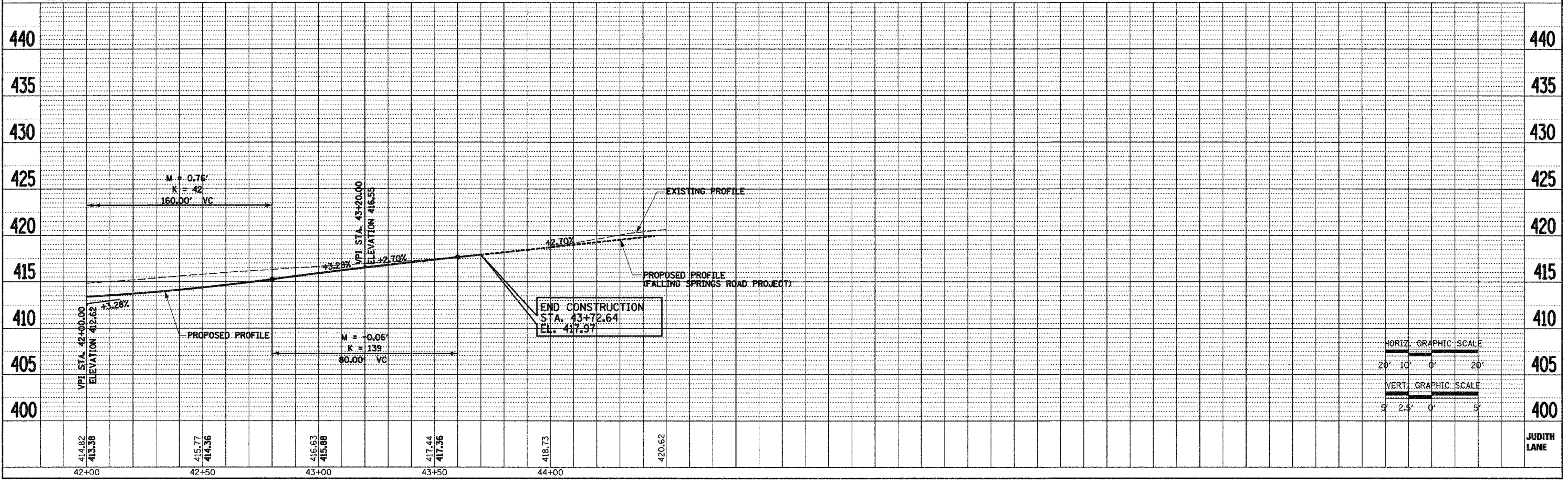
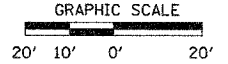
PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHECKED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHECKED		
	NO.		



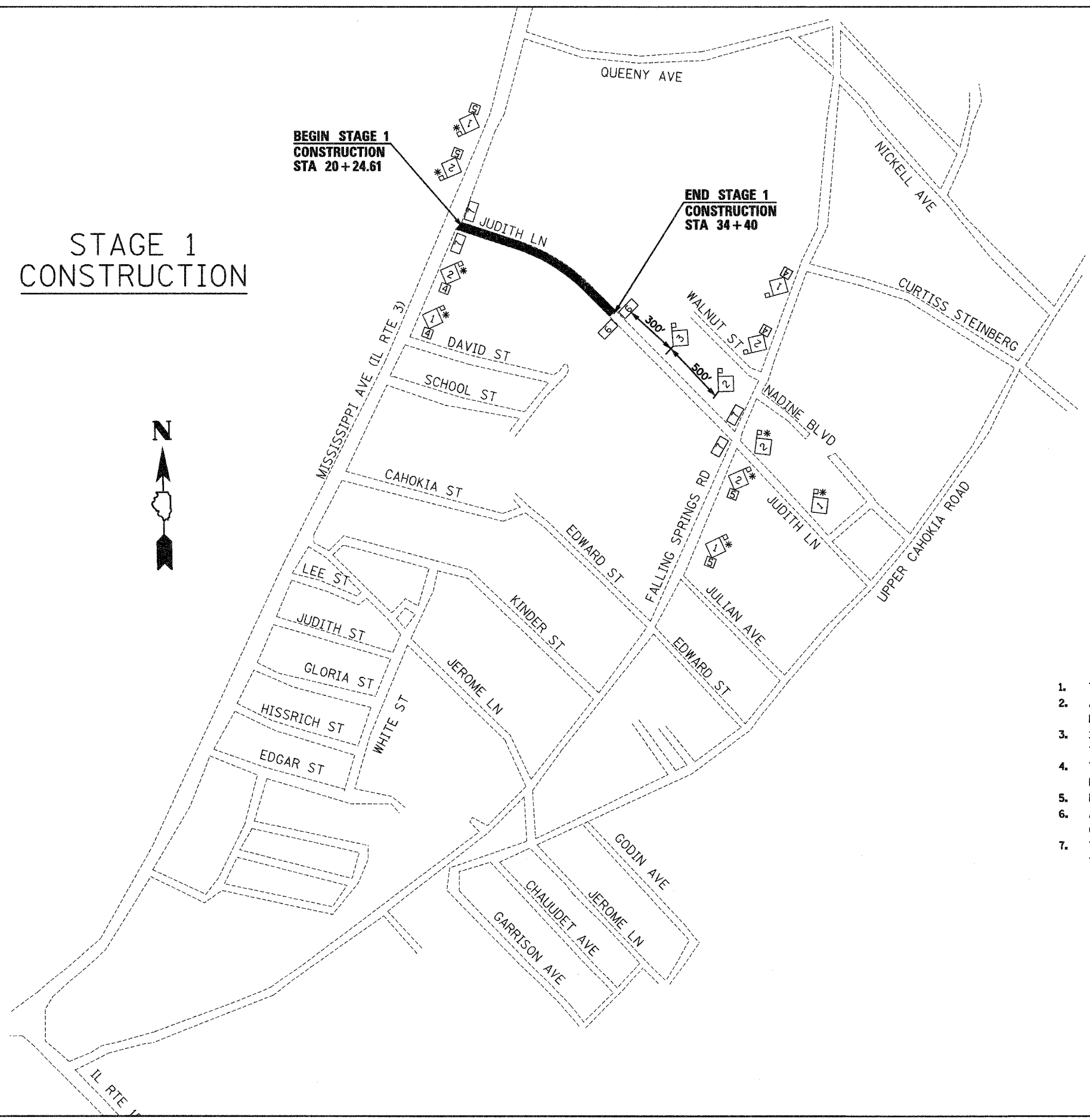
BM #500 STA 43+30.97, 21.78' LT.  
60 D SPIKE (SET) WITH LATHE  
EL 416.06

TBM #20 STA 44+79.08, 22.32' LT.  
WEST BOLT ON FIRE HYDRANT (FOUND)  
EL 422.39



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	13
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

# STAGE 1 CONSTRUCTION

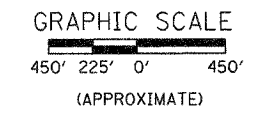


## LEGEND

	ROAD CONSTRUCTION AHEAD
	ROAD CLOSED AHEAD
	BARRICADE AHEAD
	24" X 24"
	24" X 24"
	ROAD CLOSED
	ROAD CLOSED TO THRU TRAFFIC
	18" X 18" (MINIMUM) ORANGE FLAG
	DENOTES ADVANCE WARNING SIGN THAT IS TO STAY IN PLACE THROUGHOUT THE DURATION OF THE THE ENTIRE PROJECT FROM COMMENCEMENT TO COMPLETION

## GENERAL NOTES

1. THE CONTRACTOR MUST MAINTAIN ACCESS TO ALL ENTRANCES AT ALL TIMES.
2. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" X 48" AND HAVE A BLACK LEGEND ON AN ORANGE REFLECTORIZED BACKGROUND.
3. 12V FLASHING WARNING LIGHTS SHALL BE USED ON EACH APPROACH IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS AND INSTALLED ABOVE THE FIRST TWO SIGNS.
4. THE NUMBER OF TYPE III BARRICADES REQUIRED AT EACH LOCATION SHALL BE DETERMINED BY THE ENGINEER DURING CONSTRUCTION.
5. DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
6. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO 6V FLASHING LIGHTS MOUNTED ON TOP OF THE BARRICADES.
7. THE CONTRACTOR WILL NOT BE ALLOWED TO CONDUCT HIS OPERATIONS IN MORE THAN ONE STAGE AT A TIME WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.



**STAGE 1 CONSTRUCTION**

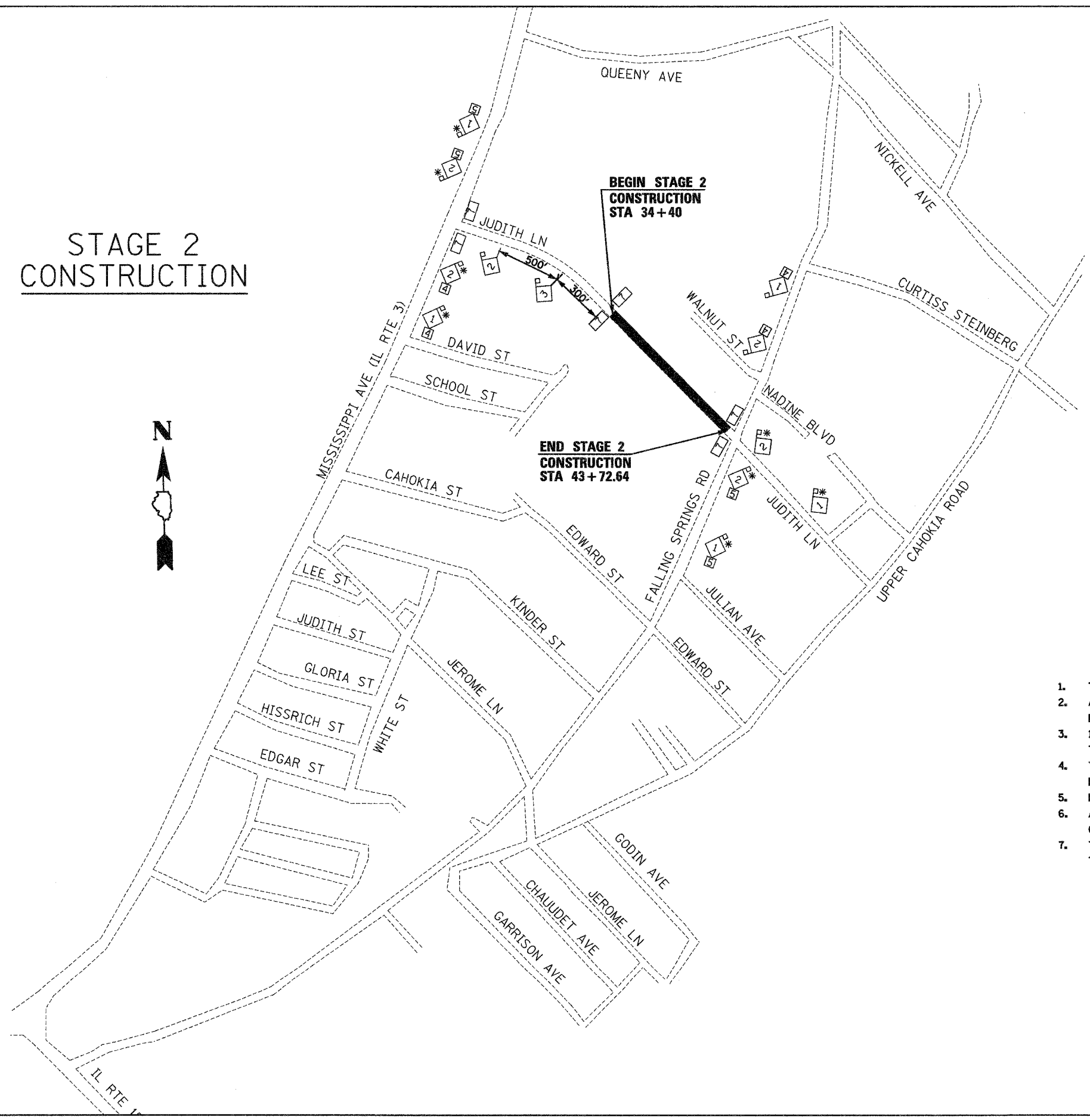
SCALE: VERT.	DRAWN BY: JJC
HORIZ.	CHECKED BY: MAR
DATE: 12/01/04	

12/1/2005 8:50:34 AM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	.	ST. CLAIR	54	14
STA.		TO STA.		

• CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

# STAGE 2 CONSTRUCTION

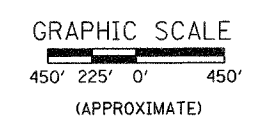


## LEGEND

	ROAD CONSTRUCTION AHEAD
	ROAD CLOSED AHEAD
	BARRICADE AHEAD
	24" X 24"
	24" X 24"
	ROAD CLOSED
	ROAD CLOSED TO THRU TRAFFIC
	18" X 18" (MINIMUM) ORANGE FLAG
	DENOTES ADVANCE WARNING SIGN THAT IS TO STAY IN PLACE THROUGHOUT THE DURATION OF THE THE ENTIRE PROJECT FROM COMMENCEMENT TO COMPLETION

## GENERAL NOTES

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3. 12V FLASHING WARNING LIGHTS SHALL BE USED ON EACH APPROACH IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS AND INSTALLED ABOVE THE FIRST TWO SIGNS.
4. THE NUMBER OF TYPE III BARRICADES REQUIRED AT EACH LOCATION SHALL BE DETERMINED BY THE ENGINEER DURING CONSTRUCTION.
5. DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
6. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE TWO 6V FLASHING LIGHTS MOUNTED ON TOP OF THE BARRICADES.
7. THE CONTRACTOR WILL NOT BE ALLOWED TO CONDUCT HIS OPERATIONS IN MORE THAN ONE STAGE AT A TIME WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.



**STAGE 2 CONSTRUCTION**

SCALE: VERT.  
 DATE: 12/01/04

DRAWN BY: JJC  
 CHECKED BY: MAR

2/10/2005 10:00:31 AM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	•	ST. CLAIR	54	15

• CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

# STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS 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 SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S 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 TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT SHOWN 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.

THE SPECIFICATIONS FOR TEMPORARY EROSION CONTROL ADDITIONALLY SUPPLEMENT THIS PLAN.

## SITE DESCRIPTION

### DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROPOSED PROJECT CONSISTS OF PAVEMENT REMOVAL AND REPLACEMENT.
2. CONSTRUCTION CONSISTS OF PAVEMENT RECONSTRUCTION, STORM SEWER INSTALLATION AND OTHER MISCELLANEOUS WORK TO COMPLETE IMPROVEMENTS TO THE PROPOSED ROADWAY.

### DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB EARTH AND LEAD TO POSSIBLE EROSION FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. TREE REMOVAL WILL BE COMPLETED TO CLEAR APPROXIMATELY 120 UNITS (INCH DIAMETER) OF TREES.
2. EXCAVATION WILL BE COMPLETED ALONG THE ENTIRE LENGTH OF THE JOB TO GRADE OUT FOR PROPOSED ROADWAY PAVEMENT, STORM SEWER AND MISCELLANEOUS APPURTENANCES.
3. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL SUCH AS EROSION CONTROL FENCE, TEMPORARY DITCH CHECKS, TEMPORARY SEEDING, ETC.
4. FINAL GRADING, RESURFACING AND OTHER MISCELLANEOUS ITEMS.

### AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF CONSTRUCTION SITE IS ESTIMATED TO BE 3.16 ACRES OF WHICH 3.16 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING AND OTHER ACTIVITIES.

(CONTINUED NEXT SHEET)

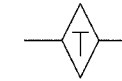
## LEGEND

(FOR THE FOLLOWING EROSION CONTROL SHEETS)

### ITEM

### SYMBOL

TEMPORARY DITCH CHECKS



HAY OR STRAW BALE DITCH CHECKS



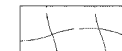
TEMPORARY SILT FENCE



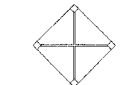
PERIMETER EROSION BARRIER SILT FENCE



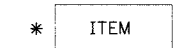
EROSION CONTROL BLANKET



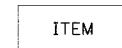
INLET AND PIPE PROTECTION



ITEMS PLACED AT BEGINNING OF CONSTRUCTION (REQUIREMENT)



ITEMS PLACED AS DIRECTED BY ENGINEER (WHEN REQUIRED BY SITUATION)



## NOTE:

ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEMS.

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.

*Daniel Cote*  
SIGNATURE

2/17/05  
DATE

County Engineer  
TITLE

## EROSION CONTROL PLAN

SCALE: NO SCALE  
DATE: 12/01/04

DRAWN BY: JJC  
CHECKED BY: MAR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	16

\* CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

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

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAIN FROM FIELD REVIEWS AND SOIL REPORTS WHICH WERE UTILIZED FOR PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.
2. SITE MAPS INDICATING DRAINAGE PATTERNS WERE EVALUATED. USGS DRAINAGE MAPS AND PROJECT PLAN DOCUMENTS WERE ALSO UTILIZED FOR PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. LIST ALL CREEKS AND/OR WATERWAYS:  
PROJECT DRAINS TO DEAD CREEK A TRIBUTARY OF THE PRAIRIE DU POINT CREEK.

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE AREA BETWEEN THE EXISTING AND PROPOSED RIGHT-OF-WAY / TEMPORARY EASEMENT BOUNDARIES AND LIMITS OF THE PROJECT WILL BE IMPROVED AND MANAGED FOR THE PURPOSES OF CONTROLLING EROSION WITHIN THE AREA, REDUCING WATER FLOW BY TEMPORARY DIVERSION AND MINIMIZING SILTATION INTO THE CONSTRUCTION ZONE, AND ESTABLISHING VEGETATIVE COVER WHICH WILL BECOME PERMANENT VEGETATION AND ACT AS AN EROSION BARRIER. WORK AT THE BEGINNING OF THE CONSTRUCTION WILL CONSIST OF THE FOLLOWING:
  - (A) AREAS OF EXISTING VEGETATION (WOODS AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION SLOPE LIMITS SHALL BE IDENTIFIED FOR PRESERVING AND SHALL BE PROTECTED FROM MOWING, BRUSH CUTTING, TREE REMOVAL AND OTHER ACTIVITIES WHICH WOULD BE DETRIMENTAL TO THEIR MAINTENANCE AND DEVELOPMENT.
  - (B) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
  - (C) AS SOON AS RESPONSIBLE ACCESS IS AVAILABLE (SUCH AS TREES CLEARED) TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, AGGREGATE DITCH CHECKS, AND/OR EROSION CONTROL FENCE SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND AS DIRECTED BY THE ENGINEER.
  - (D) BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN FOURTEEN DAYS.
  - (E) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED IN CERTAIN AREAS WHICH ARE IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER, THE AREAS SHALL BE TEMPORARILY SEEDED WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN FOURTEEN DAYS.
  - (F) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS) AGGREGATE 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 BENEFIT FOR THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND THE CONTRACTOR WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVER SEEDING CAN BE COMPLETED.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING ROADWAY CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS AS OUTLINED PREVIOUSLY SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON PLANS OR DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.
  - (A) WITHIN THE CONSTRUCTION ZONE, CRITICAL AREAS WHICH HAVE HIGH FLOWS OF WATER AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
  - (B) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED WITH 50\* ANNUAL RYE GRASS AND 50\* WHEAT PER ACRE IF THEY ARE TO REMAIN FOR MORE THAN FOURTEEN DAYS.
  - (C) AS THE CONTRACTOR CONSTRUCTS A PORTION OF ROADWAY IN A FILL SECTION, HE/SHE SHALL FOLLOW THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:
    - I. PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND RETURNS FROM THE CONSTRUCTION ZONE.
    - II. TEMPORARILY SEED HIGHLY ERODIBLE AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS.
    - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
    - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.
    - V. BUILD NECESSARY EMBANKMENTS AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
    - VI. CONTINUE BUILDING UP THE EMBANKMENT AT THE PROPOSED GRADE WHILE AT THE SAME TIME PLACING PERMANENT EROSION CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
  - (D) EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDED WHEN FINAL GRADED. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR FOURTEEN DAYS.
  - (E) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUN-OFF IN COMPLIANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
  - (F) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER LARGE RAINS DURING WINTER SHUT-DOWN PERIOD. ADDITIONALLY, THE PROJECT SHALL BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN-PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
  - (G) SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS (OR WHEN 50 PERCENT FULL) AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID FOR THE RESPECTIVE EROSION CONTROL PAY ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
  - (H) 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 UNIT BID PRICE FOR RESPECTIVE EROSION CONTROL PAY ITEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DESCRIPTION OF STRUCTURAL 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 WITH A PROPER STAND.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONING AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDDED.

MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION.

MISCELLANEOUS:

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED A MINIMUM OF EVERY 2 FT. FALL/RISE IN DITCH GRADE.
2. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.
3. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT RATE OF 100 LBS/ACRES.
4. MULCH METHOD 1 AS APPLIED TO TEMPORARY SEEDING SHALL CONFORM TO SECTION 251 OF THE IDOT STANDARD SPECIFICATIONS. MULCH WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY EROSION CONTROL SEEDING.
5. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.
6. 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.

**EROSION CONTROL PLAN**

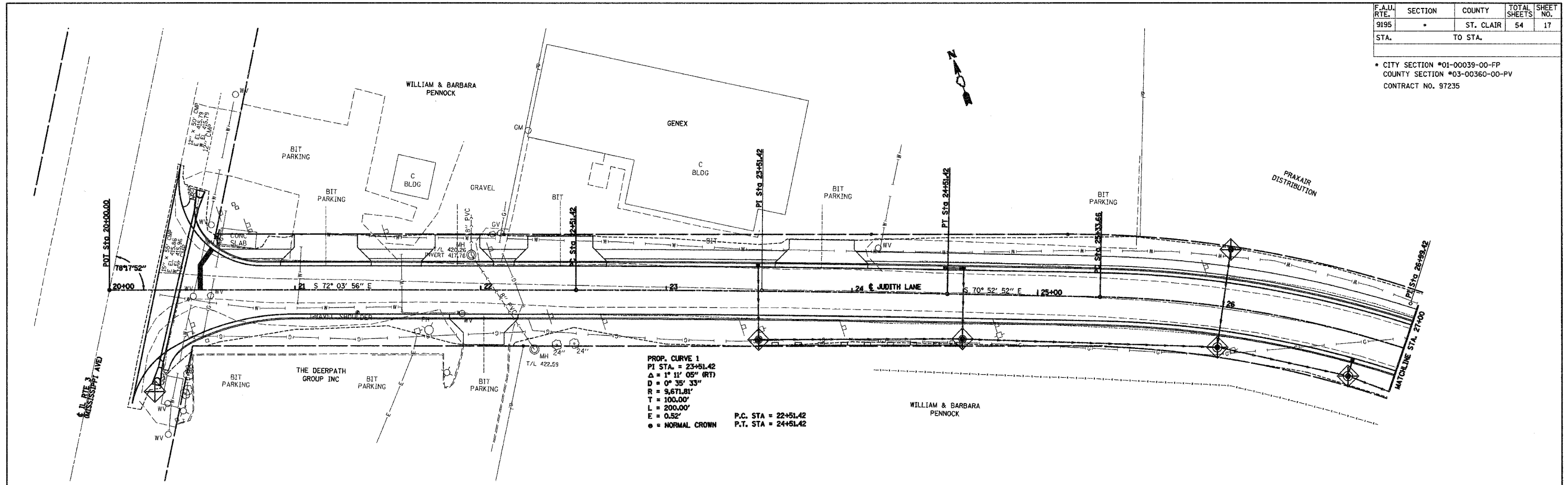
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DATE: 12/01/04

DRAWN BY: JJC  
CHECKED BY: MAR

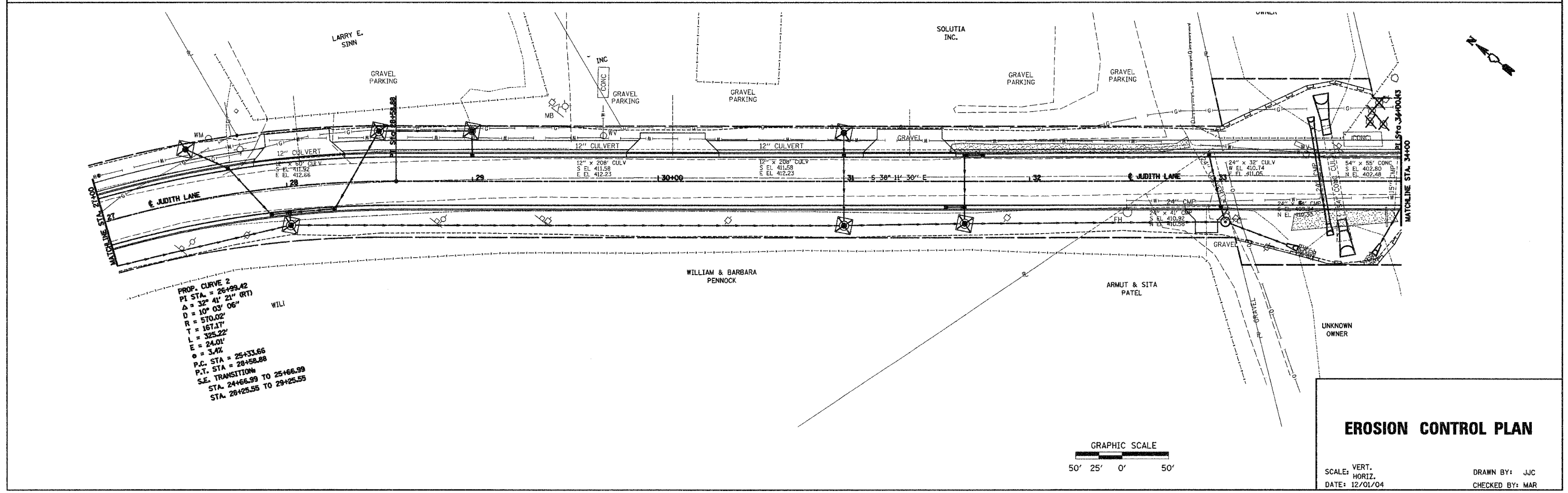


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	17
STA.		TO STA.		

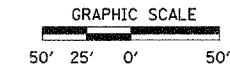
\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235



PROP. CURVE 1  
 P.I. STA. = 23+51.42  
 $\Delta = 1^\circ 11' 05''$  (RT)  
 $D = 0^\circ 35' 33''$   
 $R = 9,671.81'$   
 $T = 100.00'$   
 $L = 200.00'$   
 $E = 0.52'$   
 ● = NORMAL CROWN  
 P.C. STA = 22+51.42  
 P.T. STA = 24+51.42



PROP. CURVE 2  
 P.I. STA. = 26+99.42  
 $\Delta = 32^\circ 41' 21''$  (RT)  
 $D = 10^\circ 03' 06''$   
 $R = 570.02'$   
 $T = 167.17'$   
 $L = 325.22'$   
 $E = 24.01'$   
 $\phi = 3.4\%$   
 P.C. STA = 25+33.66  
 P.T. STA = 28+58.88  
 S.E. TRANSITION:  
 STA. 24+66.99 TO 25+66.99  
 STA. 28+25.55 TO 29+25.55

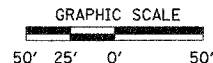
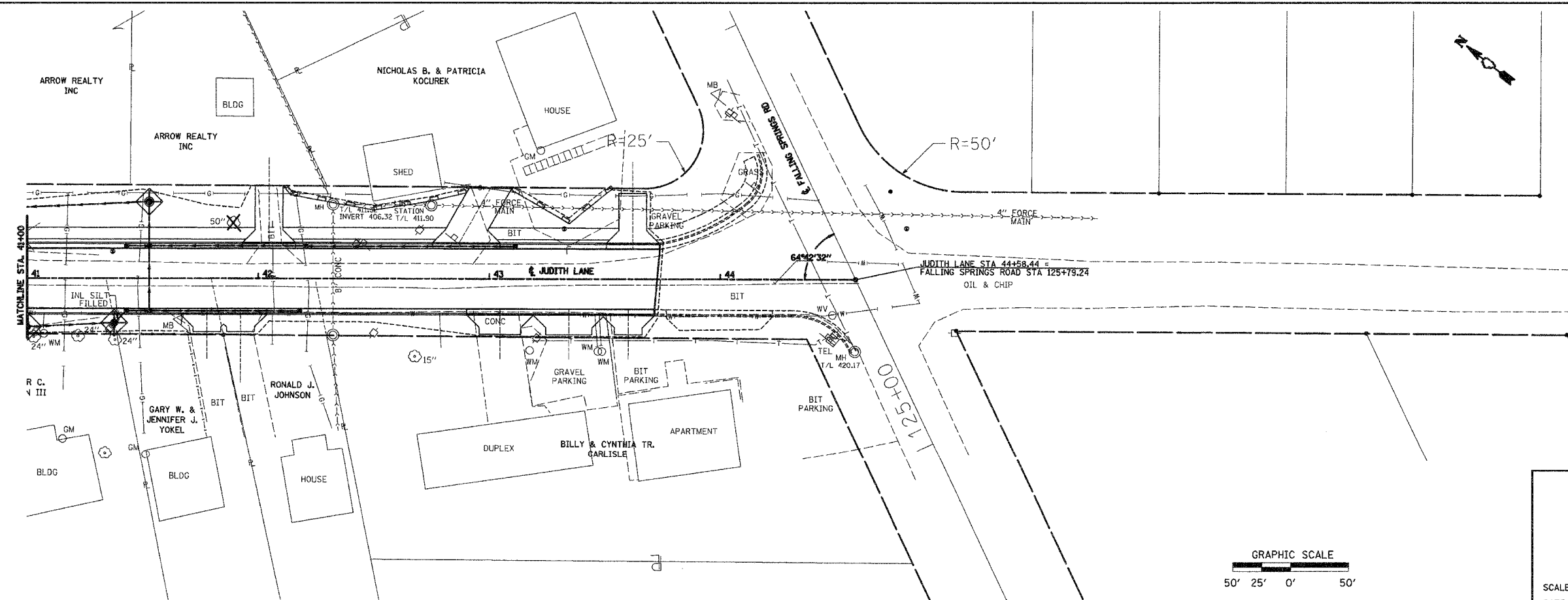
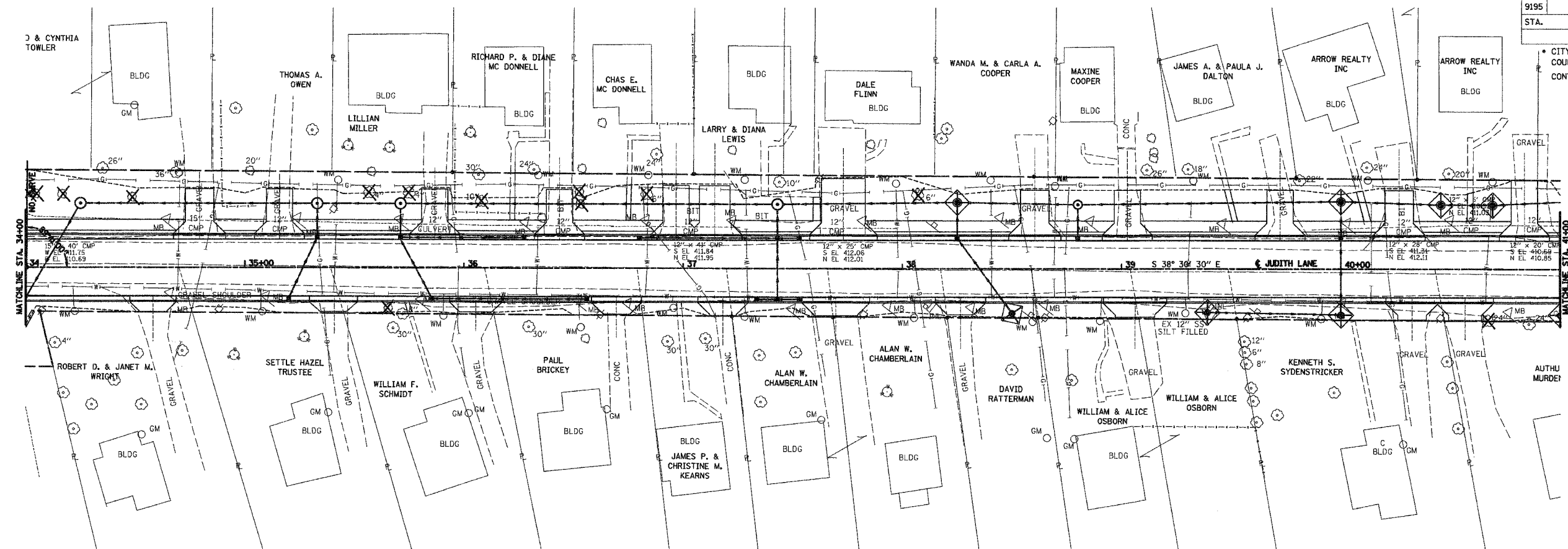


### EROSION CONTROL PLAN

SCALE: VERT.  
 HORIZ.  
 DATE: 12/01/04  
 DRAWN BY: JJC  
 CHECKED BY: MAR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	18
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235



### EROSION CONTROL PLAN

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 12/01/04

DRAWN BY: JJC  
 CHECKED BY: MAR

12/1/04 10:58 AM 27/10/2005 10:58 AM

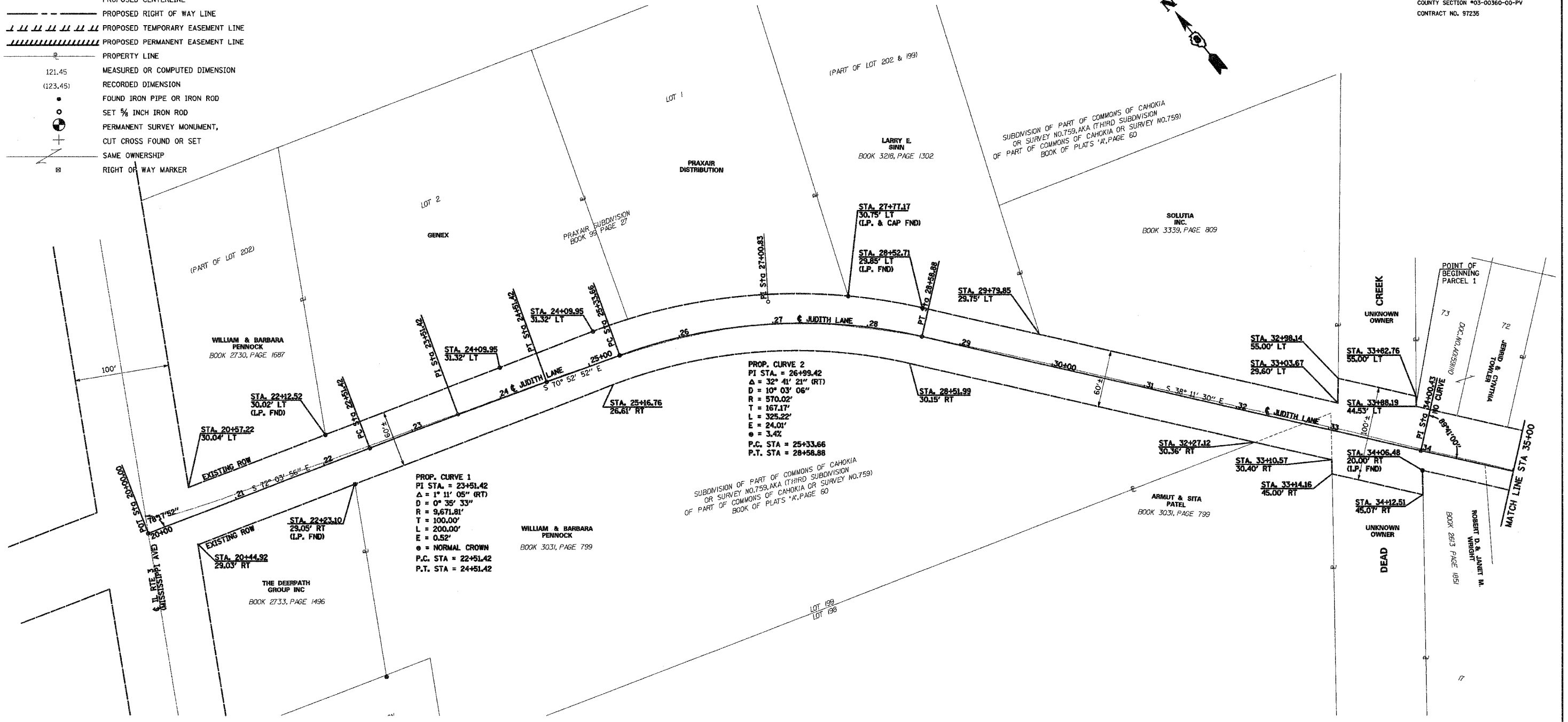
# COMMONFIELDS OF CAHOKIA

## SECTION 35 T.1N. R.10W. 3rd P.M., ST. CLAIR COUNTY

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	00	ST. CLAIR	54	19
STA. 20+00		TO STA. 35+00		

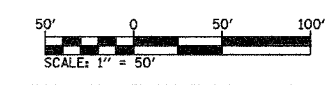
\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

- LEGEND**
- EXISTING RIGHT OF WAY LINE
  - PROPOSED CENTERLINE
  - PROPOSED RIGHT OF WAY LINE
  - - - - - PROPOSED TEMPORARY EASEMENT LINE
  - /////// PROPOSED PERMANENT EASEMENT LINE
  - |— PROPERTY LINE
  - 121.45 MEASURED OR COMPUTED DIMENSION
  - (123.45) RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 5/8 INCH IRON ROD
  - ⊙ PERMANENT SURVEY MONUMENT
  - ⊕ CUT CROSS FOUND OR SET
  - |— SAME OWNERSHIP
  - ⊗ RIGHT OF WAY MARKER



**HR**  
 HURST-ROSCHKE  
 ENGINEERS INC.  
 1406 E. TREMONT STREET  
 P.O. BOX 130  
 HILLSBORO, ILLINOIS 62049  
 PH. 217 532-5969  
 FAX 217 532-5312

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF ROADS AND BRIDGES  
 FAU 9195 (JUDITH LANE CH11)  
 SECTION 00-00360-00-PV  
 ST. CLAIR COUNTY  
 STATION 20+00.00 TO STATION 35+00.00  
 SCALE: 1"=50' SHEET 1 OF 2  
 ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES  
 1415 NORTH BELT WEST  
 BELLEVILLE, ILLINOIS 62220

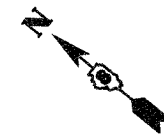


# COMMONFIELDS OF CAHOKIA

## SECTION 35 T.1N. R.10W. 3rd P.M., ST. CLAIR COUNTY

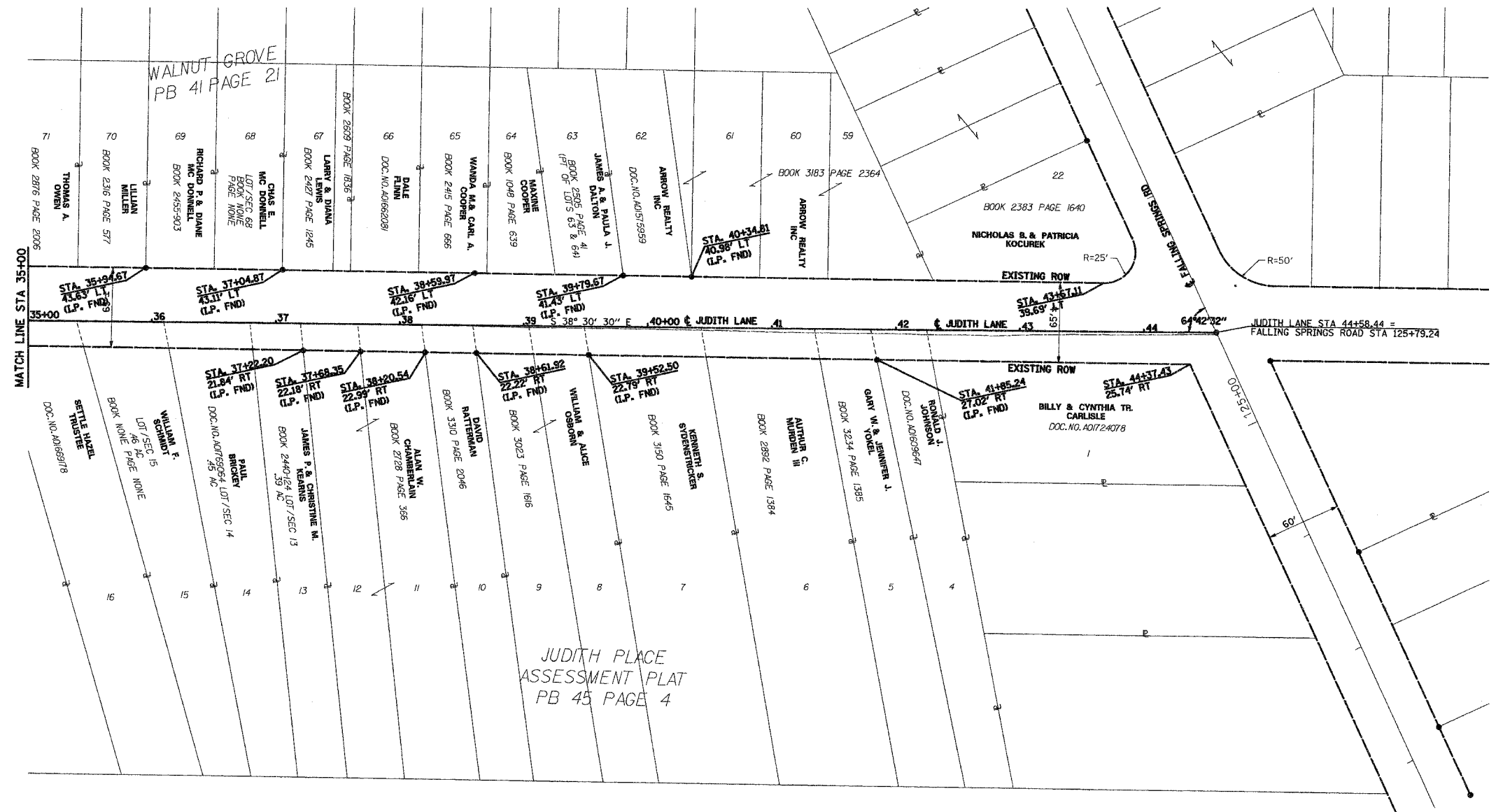
F.A.U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	•	ST. CLAIR	54	20
STA. 35+00		TO STA. 44+58.44		

• CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235



### LEGEND

	EXISTING RIGHT OF WAY LINE
	PROPOSED CENTERLINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE
	PROPERTY LINE
121.45	MEASURED OR COMPUTED DIMENSION
(123.45)	RECORDED DIMENSION
	FOUND IRON PIPE OR IRON ROD
	SET 3/8 INCH IRON ROD
	PERMANENT SURVEY MONUMENT
	CUT CROSS FOUND OR SET
	SAME OWNERSHIP
	RIGHT OF WAY MARKER



**HR**  
 HURST-ROSCHÉ  
 ENGINEERS INC.

1400 E. TREMONT STREET  
 P.O. BOX 120  
 HILLSBORO, ILLINOIS 62049  
 PH. 217 532-9969  
 FAX 217 532-3212

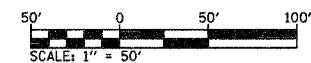
**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF ROADS AND BRIDGES

FAU 9195 (JUDITH LANE CH11)  
 SECTION 00-00360-00-PV  
 ST. CLAIR COUNTY

STATION 35+00.00 TO STATION 44+58.44

SCALE: 1"=50' SHEET 2 OF 2

ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES  
 1415 NORTH BELT WEST  
 BELLEVILLE, ILLINOIS 62220



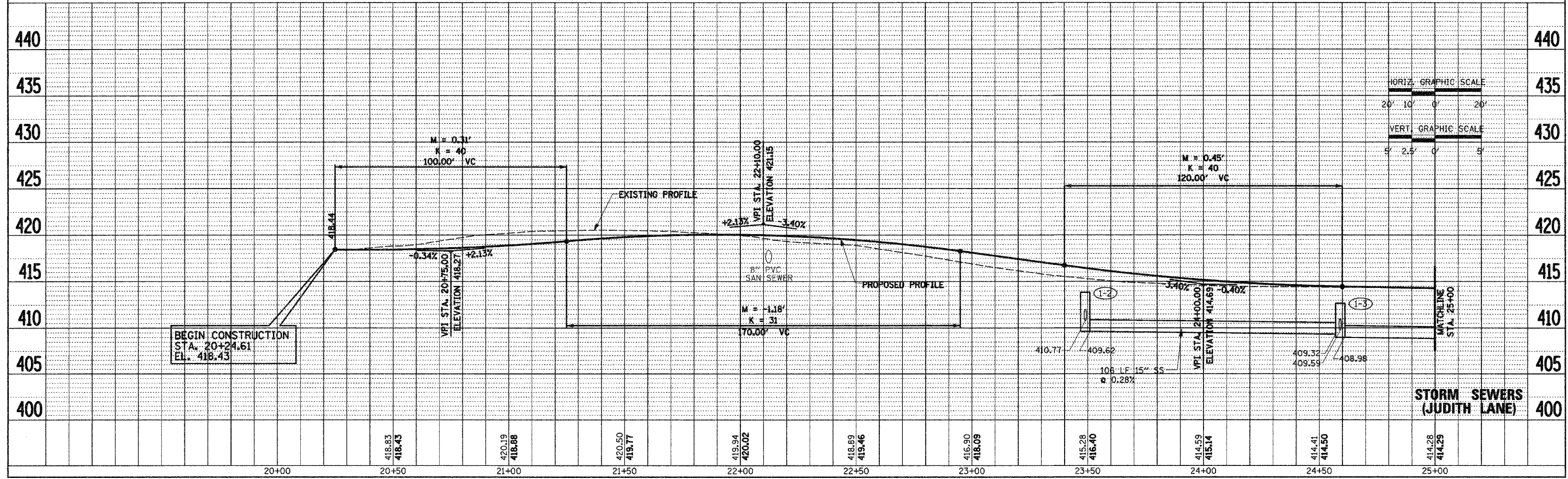
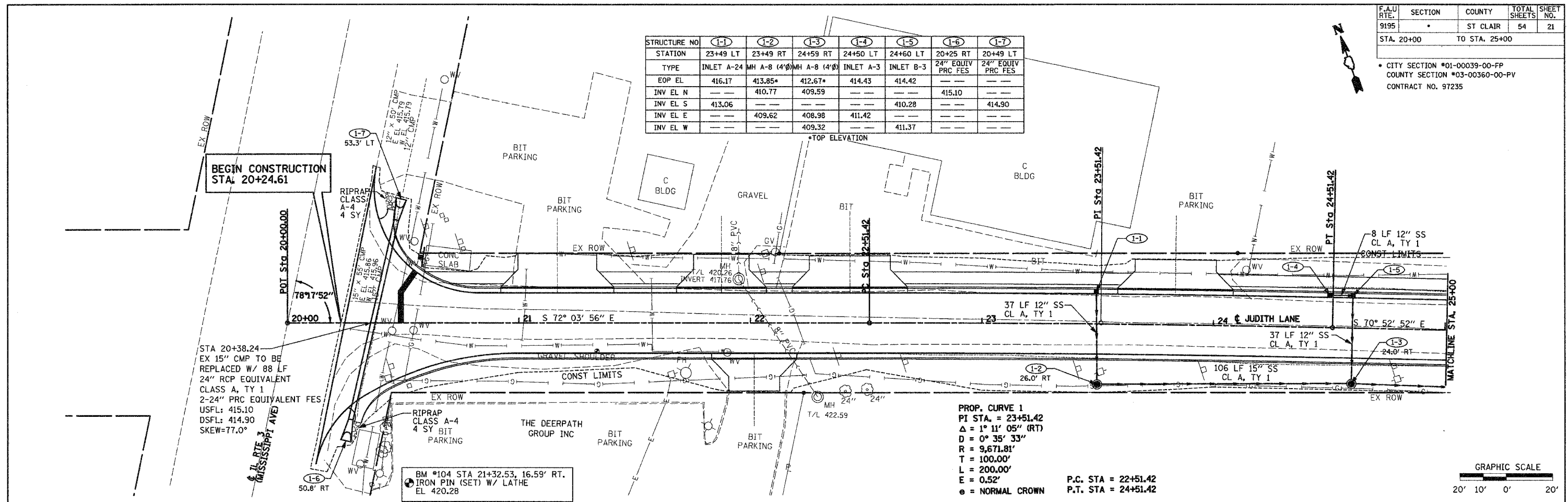
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195		ST CLAIR	54	21
STA. 20+00		TO STA. 25+00		

CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

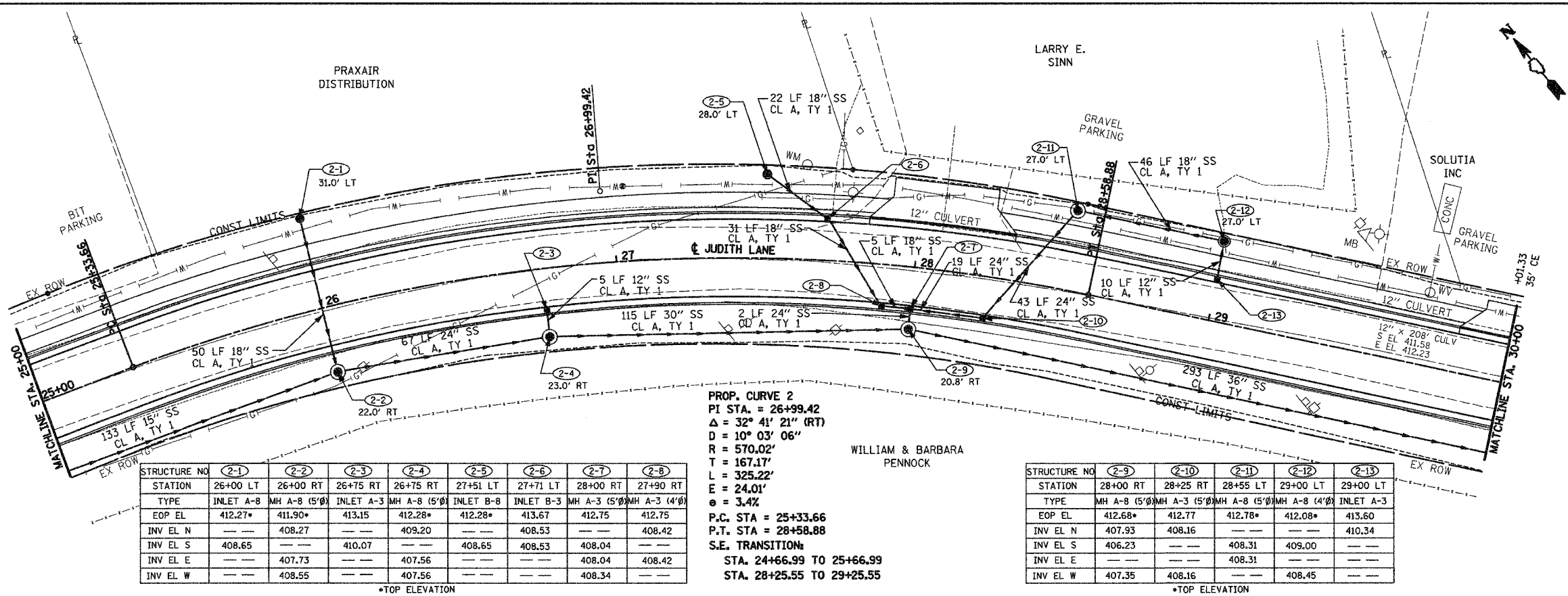
STRUCTURE NO	1-1	1-2	1-3	1-4	1-5	1-6	1-7
STATION	23+49 LT	23+49 RT	24+59 RT	24+50 LT	24+60 LT	20+25 RT	20+49 LT
TYPE	INLET A-24	MH A-8 (4'Ø)	MH A-8 (4'Ø)	INLET A-3	INLET B-3	24" EQUIV PRC FES	24" EQUIV PRC FES
EOP EL	416.17	413.85*	412.67*	414.43	414.42	---	---
INV EL N	---	410.77	409.59	---	---	415.10	---
INV EL S	413.06	---	---	---	410.28	---	414.90
INV EL E	---	409.62	408.98	411.42	---	---	---
INV EL W	---	---	409.32	---	411.37	---	---

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	



2/15/2016 8:42:58 AM



STRUCTURE NO.	2-1	2-2	2-3	2-4	2-5	2-6	2-7	2-8
STATION	26+00 LT	26+00 RT	26+75 RT	26+75 RT	27+51 LT	27+71 LT	28+00 RT	27+90 RT
TYPE	INLET A-8	MH A-8 (5'Ø)	INLET A-3	MH A-8 (5'Ø)	INLET B-8	INLET B-3	MH A-3 (5'Ø)	MH A-3 (4'Ø)
EOP EL	412.27*	411.90*	413.15	412.28*	412.28*	413.67	412.75	412.75
INV EL N	---	408.27	---	409.20	---	408.53	---	408.42
INV EL S	408.65	---	410.07	---	408.65	408.53	408.04	---
INV EL E	---	407.73	---	407.56	---	408.04	408.42	---
INV EL W	---	408.55	---	407.56	---	408.34	---	---

\*TOP ELEVATION

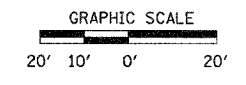
PROP. CURVE 2  
PI STA. = 26+99.42  
Δ = 32° 41' 21" (RT)  
D = 10° 03' 06"  
R = 570.02'  
T = 167.17'  
L = 325.22'  
e = 3.4%

P.C. STA = 25+33.66  
P.T. STA = 28+58.88  
S.E. TRANSITION:  
STA. 24+66.99 TO 25+66.99  
STA. 28+25.55 TO 29+25.55

STRUCTURE NO.	2-9	2-10	2-11	2-12	2-13
STATION	28+00 RT	28+25 RT	28+55 LT	29+00 LT	29+00 LT
TYPE	MH A-8 (5'Ø)	MH A-3 (5'Ø)	MH A-8 (5'Ø)	MH A-8 (4'Ø)	INLET A-3
EOP EL	412.68*	412.77	412.78*	412.08*	413.60
INV EL N	407.93	408.16	---	---	410.34
INV EL S	406.23	---	408.31	409.00	---
INV EL E	---	---	408.31	---	---
INV EL W	407.35	408.16	---	408.45	---

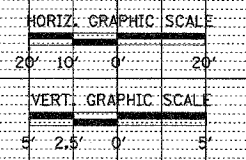
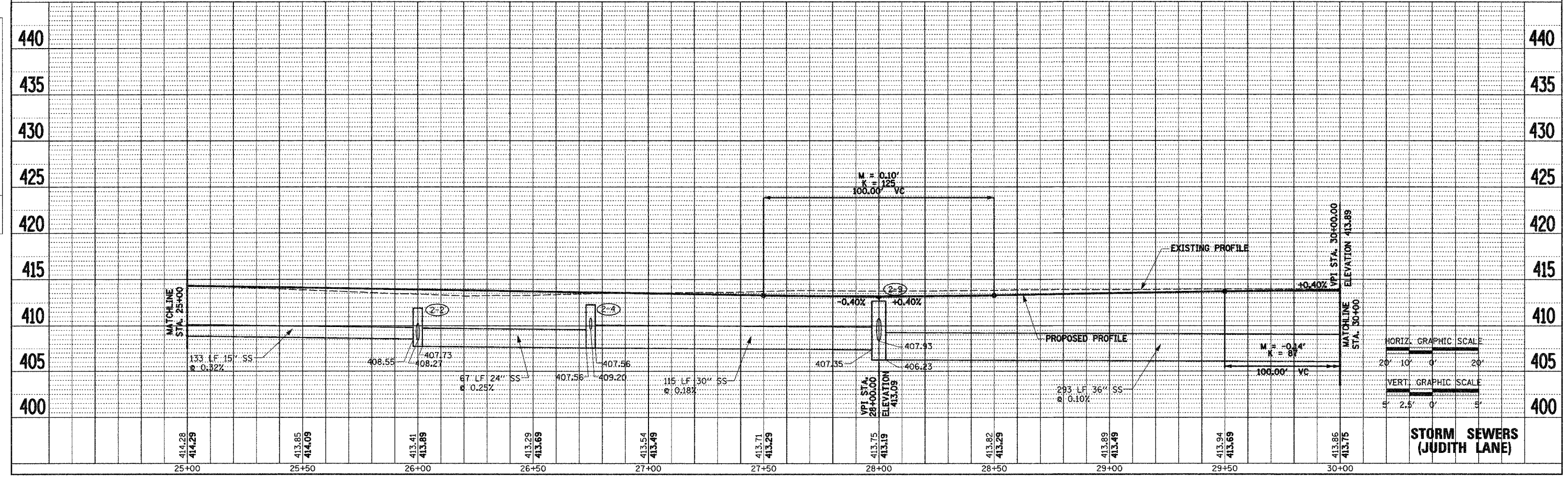
\*TOP ELEVATION

BM #103 STA 27+02.27, 25.11' LT.  
IRON PIN (SET) WITH LATHE  
EL 413.65



PLAN  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROFILE  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
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DATE: \_\_\_\_\_

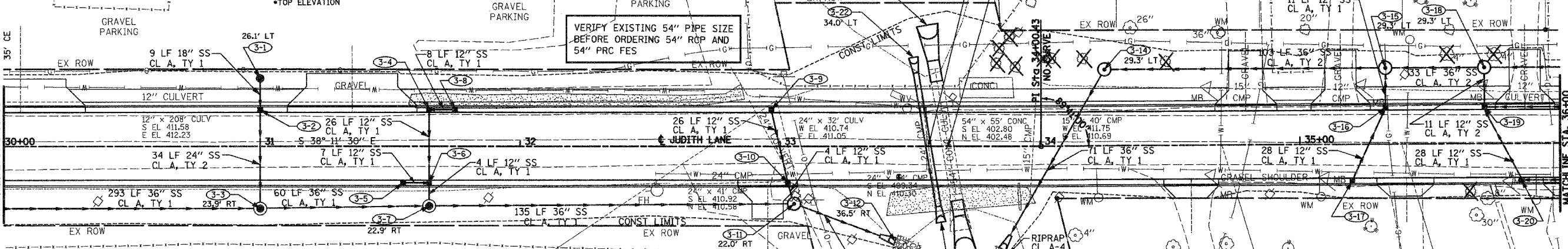


**STORM SEWERS  
(JUDITH LANE)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195		ST CLAIR	54	23
STA. 30+00		TO STA. 36+00		

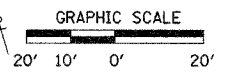
CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

STRUCTURE NO	3-1	3-2	3-3	3-4	3-5	3-6	3-7	3-8	3-9	3-10
STATION	31+00 LT	31+00 LT	31+00 RT	31+65 LT	31+55 RT	31+65 RT	31+65 RT	31+75 LT	32+97 LT	33+03 RT
TYPE	INLET B-8	INLET B-24	MH A-8 (5'Ø)	INLET B-3	INLET A-3	MH A-3(4'Ø)	MH A-8 (5'Ø)	INLET A-3	INLET A-24	INLET B-24
EOP EL	412.48*	412.88	411.18*	412.68	412.68	412.68	411.51*	412.70	413.39	413.43
INV EL N	---	---	405.93	409.50	---	409.49	405.87	409.62	---	---
INV EL S	---	---	405.93	---	409.60	---	405.87	---	---	---
INV EL E	408.74	407.15	407.01	---	---	409.37	408.43	---	---	410.18
INV EL W	408.85	407.15	---	409.50	---	408.53	---	---	410.31	409.34



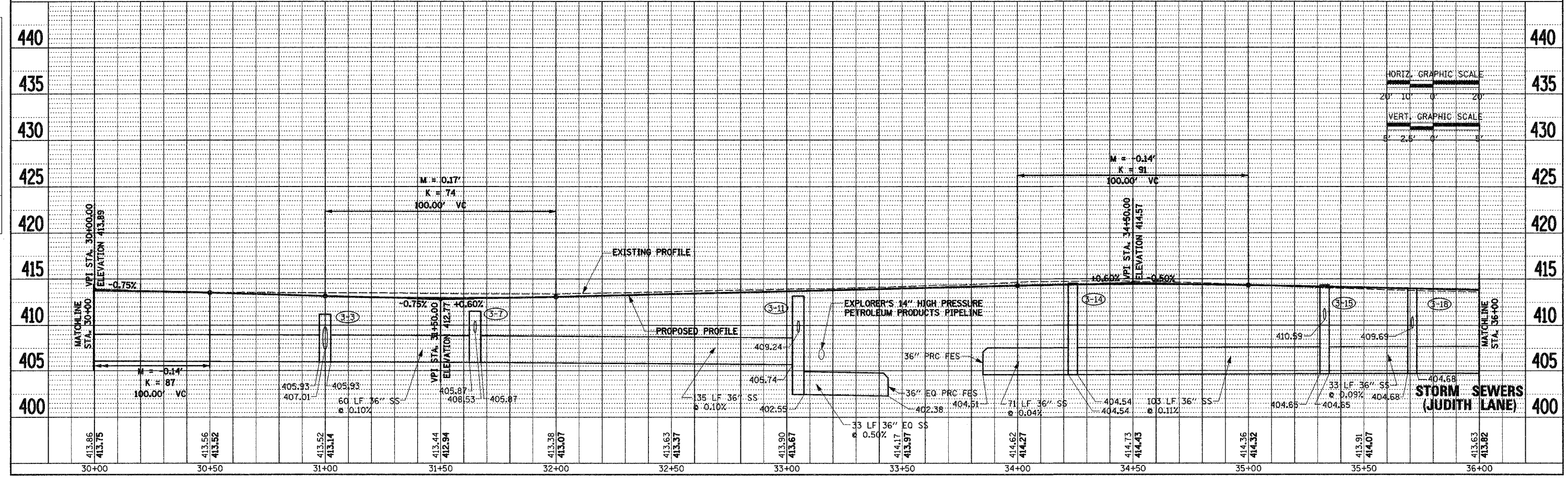
STRUCTURE NO	3-11	3-12	3-13	3-14	3-15	3-16	3-17	3-18	3-19	3-20	3-21	3-22	3-23	3-24
STATION	33+05 RT	33+44 RT	33+85 RT	34+24 LT	35+33 LT	35+33 LT	35+26 RT	35+71 LT	35+71 LT	35+85 RT	33+62 RT	33+51 LT	33+71 RT	33+57 LT
TYPE	MH A-1 CL F&G (5'Ø)	36" EO PRC FES	36" PRC FES	MH A-1 CL F&G (5'Ø)	MH A-1 CL F&G (5'Ø)	INLET B-3	INLET A-3	MH A-1 CL F&G (5'Ø)	MH A-3 (4'Ø)	INLET B-3	24" PRC FES	24" PRC FES	54" PRC FES	54" PRC FES
EOP EL	413.25*	---	---	414.50*	414.35*	413.89	413.94	413.95*	413.70	413.63	---	---	---	---
INV EL N	405.74	402.38	---	---	404.65	---	---	404.68	---	---	---	---	---	---
INV EL S	402.55	---	---	404.54	404.65	---	---	404.68	410.09	409.93	---	---	---	---
INV EL E	409.24	---	404.51	---	---	410.71	410.88	---	409.80	409.93	---	409.60	---	402.90
INV EL W	---	---	---	404.54	410.59	410.71	---	409.69	409.80	---	---	---	---	---

BM #102 STA 33+44.26, 11.57' RT.  
60 D SPIKE (SET) WITH LATHE  
EL 413.29



PLAN  
DATE  
BY  
SURVEYED  
ALIGNED  
CHECKED  
NOTE BOOK  
NO. OF PAGES CHECKED  
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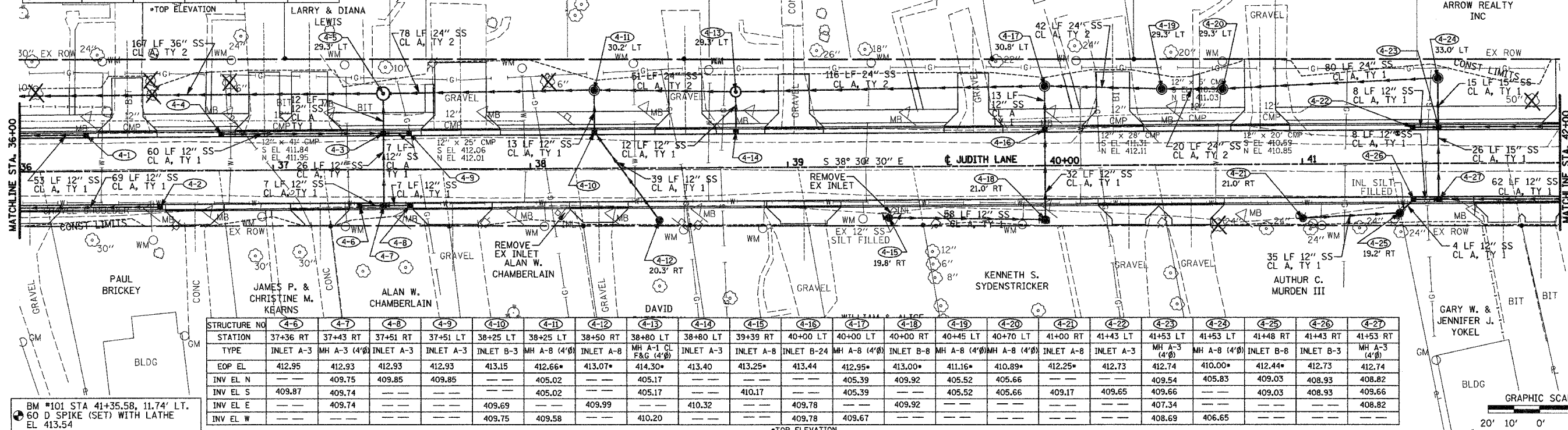


STRUCTURE NO.	4-1	4-2	4-3	4-4	4-5
STATION	36+27 LT	36+56 RT	37+43 LT	36+80 LT	37+43 LT
TYPE	INLET A-3	INLET A-3	MH A-3 (4'Ø)	INLET A-3	MH A-1 CL F&G (5'Ø)
EOP EL	413.43	413.28	412.93	413.16	413.65*
INV EL N	410.35	410.20	409.85	---	404.85
INV EL S	---	---	409.74	410.08	404.85
INV EL E	---	---	409.61	---	---
INV EL W	---	---	409.61	---	409.50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	24
STA. 36+00		TO STA. 42+00		

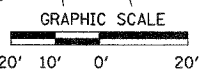
\* CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV

CONTRACT NO. 97235  
ARROW REALTY INC



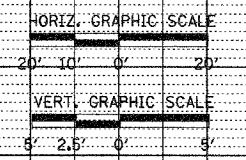
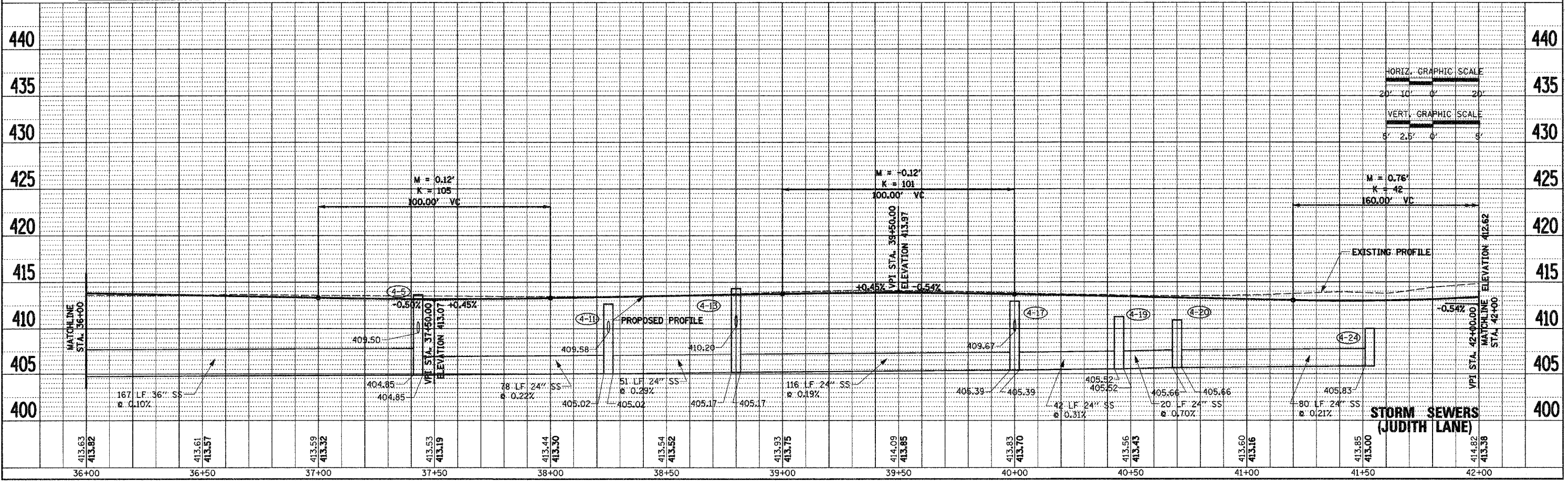
STRUCTURE NO.	4-6	4-7	4-8	4-9	4-10	4-11	4-12	4-13	4-14	4-15	4-16	4-17	4-18	4-19	4-20	4-21	4-22	4-23	4-24	4-25	4-26	4-27
STATION	37+36 RT	37+43 RT	37+51 RT	37+51 LT	38+25 LT	38+25 LT	38+50 RT	38+80 LT	38+80 LT	39+39 RT	40+00 LT	40+00 LT	40+00 RT	40+45 LT	40+70 LT	41+00 RT	41+43 LT	41+53 LT	41+53 LT	41+48 RT	41+43 RT	41+53 RT
TYPE	INLET A-3	MH A-3 (4'Ø)	INLET A-3	INLET A-3	INLET B-3	MH A-8 (4'Ø)	INLET A-8	MH A-1 CL F&G (4'Ø)	INLET A-3	INLET A-8	INLET B-24	MH A-8 (4'Ø)	INLET B-8	MH A-8 (4'Ø)	MH A-8 (4'Ø)	INLET A-8	INLET A-3	MH A-3 (4'Ø)	MH A-8 (4'Ø)	INLET B-8	INLET B-3	MH A-3 (4'Ø)
EOP EL	412.95	412.93	412.93	412.93	413.15	412.66*	413.07*	414.30*	413.40	413.25*	413.44	412.95*	413.00*	411.16*	410.89*	412.25*	412.73	412.74	410.00*	412.44*	412.73	412.74
INV EL N	---	409.75	409.85	409.85	---	405.02	---	405.17	---	---	---	405.39	409.92	405.52	405.66	---	---	409.54	405.83	409.03	408.93	408.82
INV EL S	409.87	409.74	---	---	---	405.02	---	405.17	---	410.17	---	405.39	---	405.52	405.66	409.17	409.65	409.66	---	409.03	408.93	409.66
INV EL E	---	409.74	---	---	409.69	---	409.99	---	410.32	---	---	---	409.92	---	405.66	409.17	409.65	407.34	---	409.03	408.93	408.82
INV EL W	---	---	---	---	409.75	409.58	---	410.20	---	---	409.78	409.67	---	---	---	---	---	408.69	406.65	---	---	---

BM #101 STA 41+35.58, 11.74' LT.  
60 D SPIKE (SET) WITH LATHE  
EL 413.54



DATE	BY	REVISION

DATE	BY	REVISION



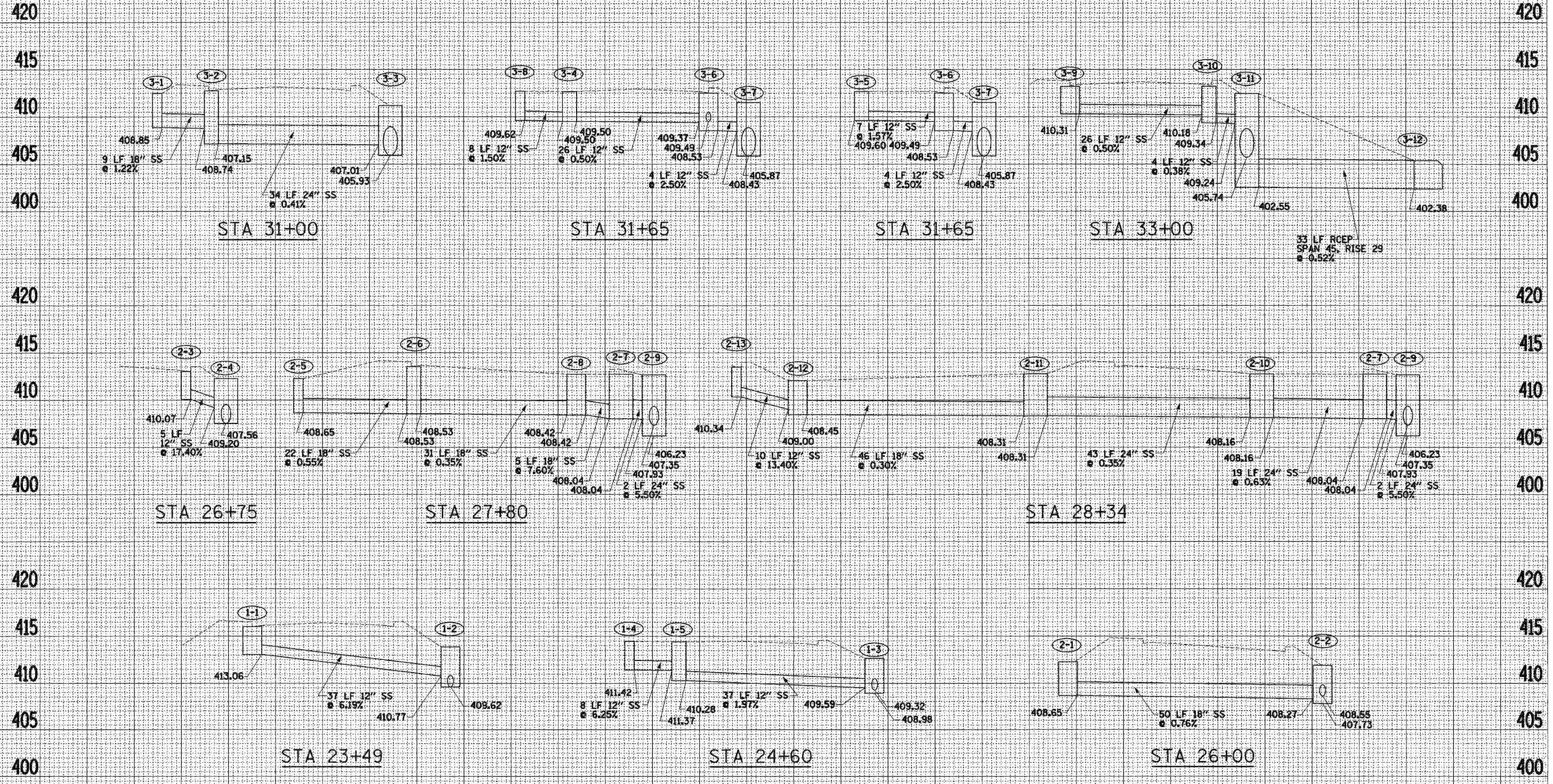
STORM SEWERS  
(JUDITH LANE)





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	03-00360-00-PV	ST CLAIR	54	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# CROSS ROAD STORM SEWER PROFILES



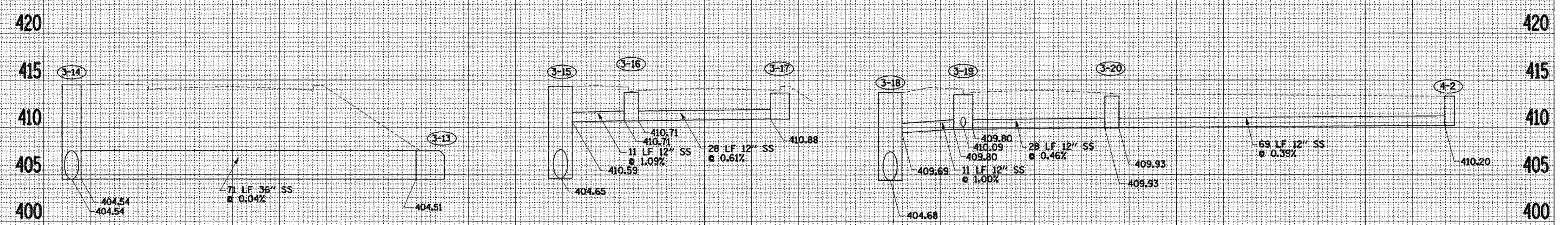
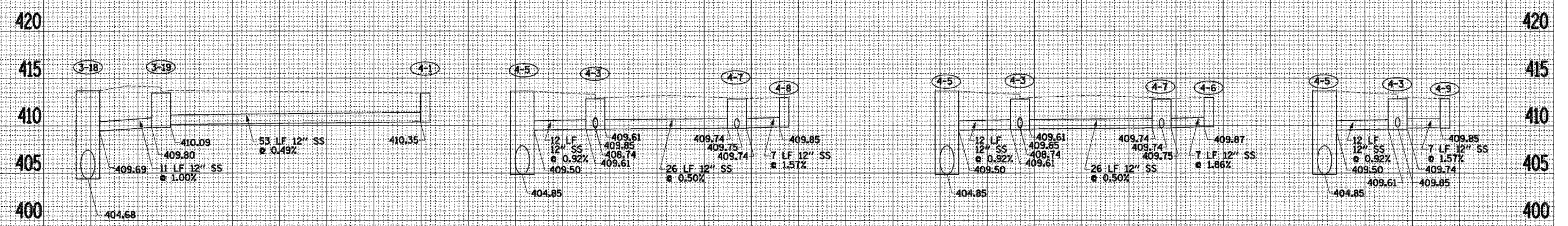
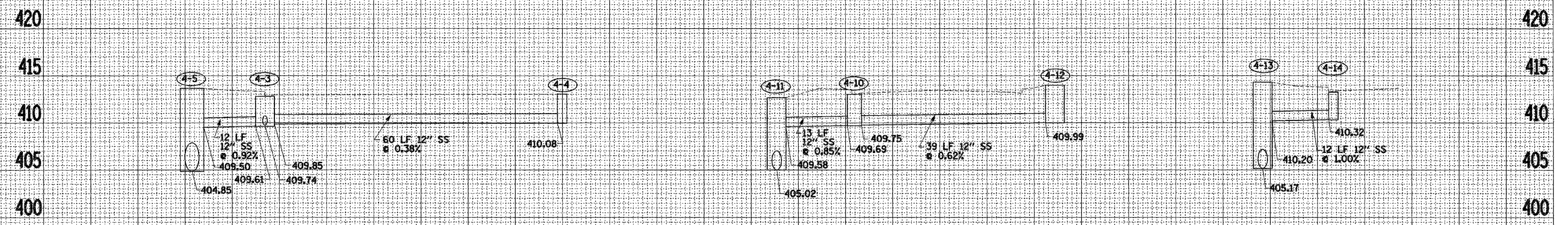
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 NOTE BOOK  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	03-00360-00-PV	ST CLAIR	54	27
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# CROSS ROAD STORM SEWER PROFILES

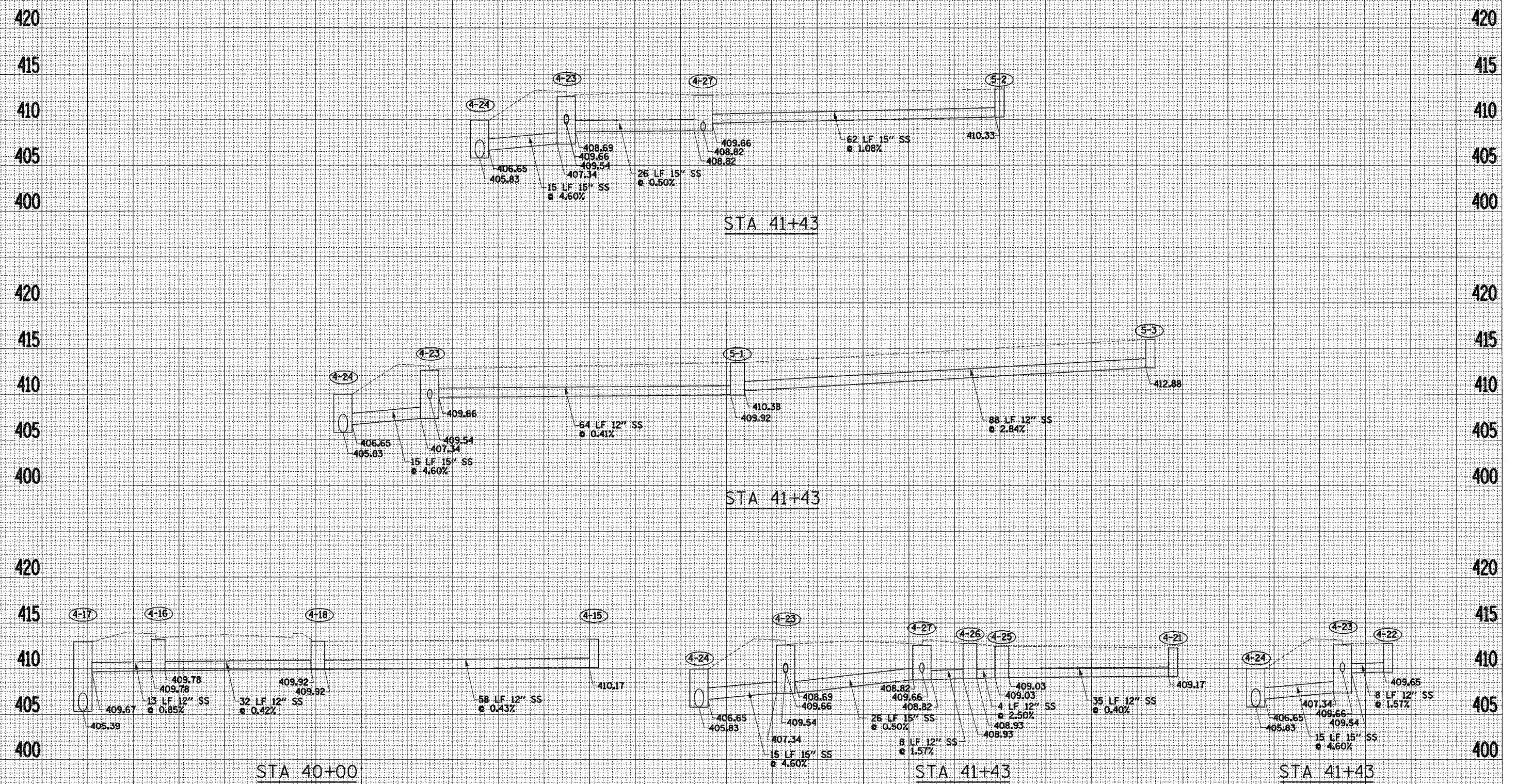


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 NOTE BOOK NO.:  
 AREAS CHECKED:

PLOTTED DATE: 11/11/03  
 NOTE BOOK NO.:  
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	03-00360-00-PV	ST CLAIR	54	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# CROSS ROAD STORM SEWER PROFILES

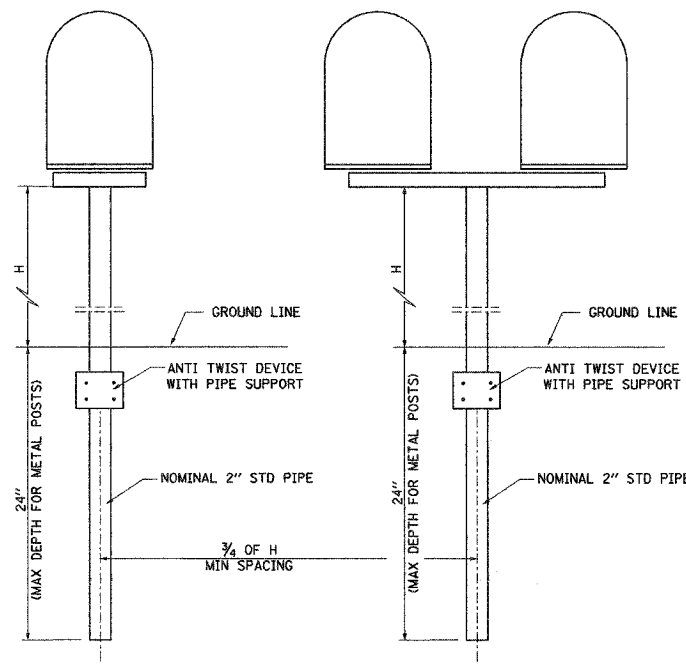


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AREAS  
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NOTE BOOK  
AREAS  
CHECKED

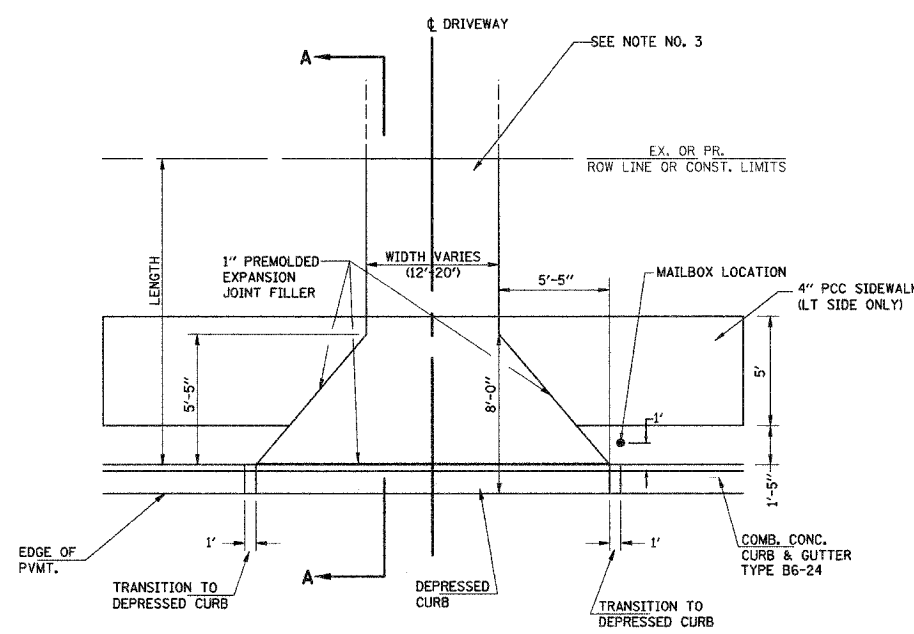
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	29
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV

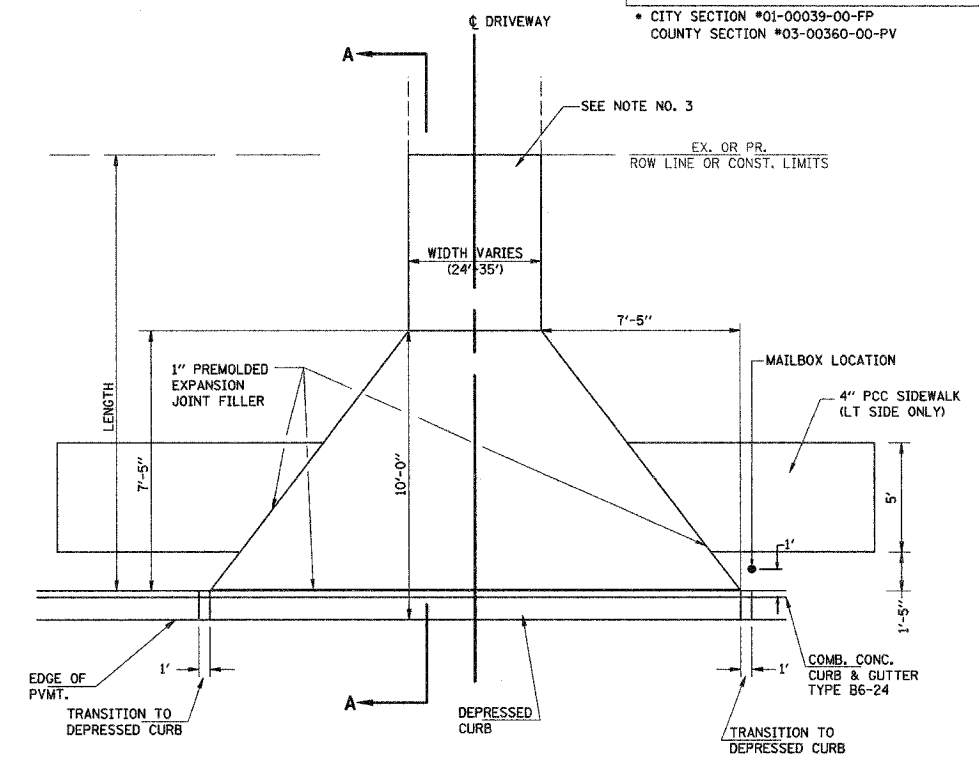


**SINGLE AND DOUBLE MAILBOX INSTALLATION**

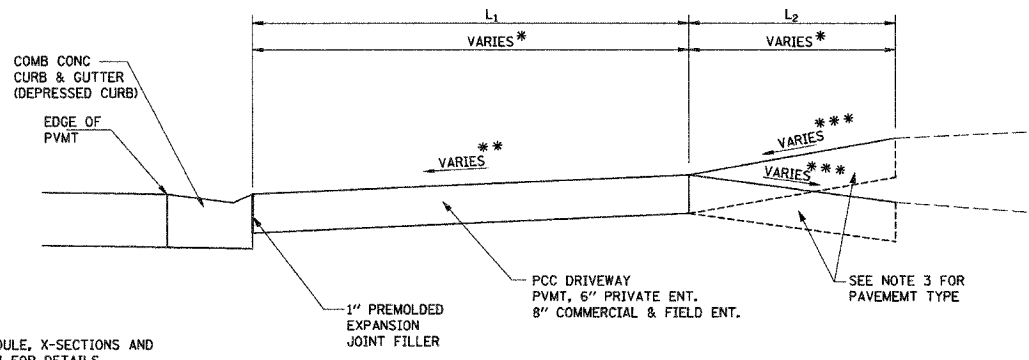
COST OF ALL MATERIALS REQUIRED AND ALL LABOR NECESSARY WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



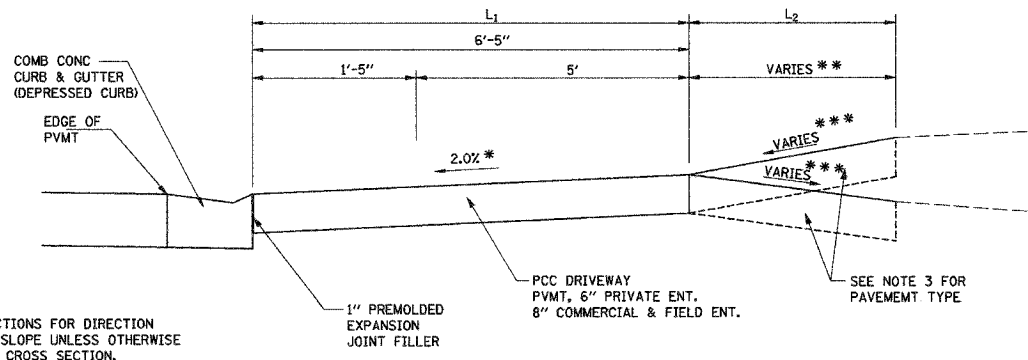
**PLAN (PRIVATE ENTRANCES)**  
(NO SCALE)



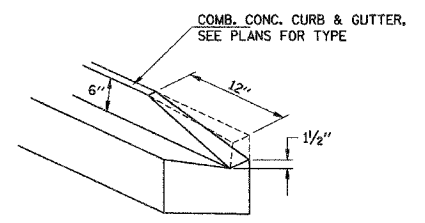
**PLAN (COMMERCIAL ENTRANCES)**  
(NO SCALE)



**SECTION A-A (RT SIDE)**



**SECTION A-A (LT SIDE)**



**TAPER DETAIL FOR DEPRESSED CURB**

\* SEE SCHEDULE, X-SECTIONS AND PLAN VIEW FOR DETAILS  
 \*\* 8% MAX

\* SEE X-SECTIONS FOR DIRECTION USE 2.0% SLOPE UNLESS OTHERWISE SHOWN ON CROSS SECTION.  
 \*\* SEE SCHEDULE, X-SECTIONS AND PLAN VIEW FOR DETAILS  
 \*\*\* 8% MAX

- NOTES:
- CONSTRUCT ENTRANCE TO ROW LINE UNLESS OTHERWISE SHOWN ON THE PLAN.
  - THE COST OF FURNISHING AND INSTALLING THE 1" PREMOLDED EXPANSION JOINT FILLER SHALL BE INCIDENTAL TO THE COST OF THE DRIVEWAY PAVEMENT.
  - CONSTRUCTION BEYOND FLARE/SIDEWALK SHALL BE:
    - EXIST. PCC PAVT. - CONSTRUCT PCC DRIVEWAY PAVT., 6" PRIVATE, 8" COMMERCIAL
    - EXIST. BIT. SURF. - CONSTRUCT 2" INCIDENTAL BIT. SURF. ON 6" AGG. BSE. COURSE TY. B
    - EXIST. AGG. OR EARTH SURF. - CONSTRUCT AGG. SURF. COURSE, TYPE A, 8"

REVISIONS	
NAME	DATE

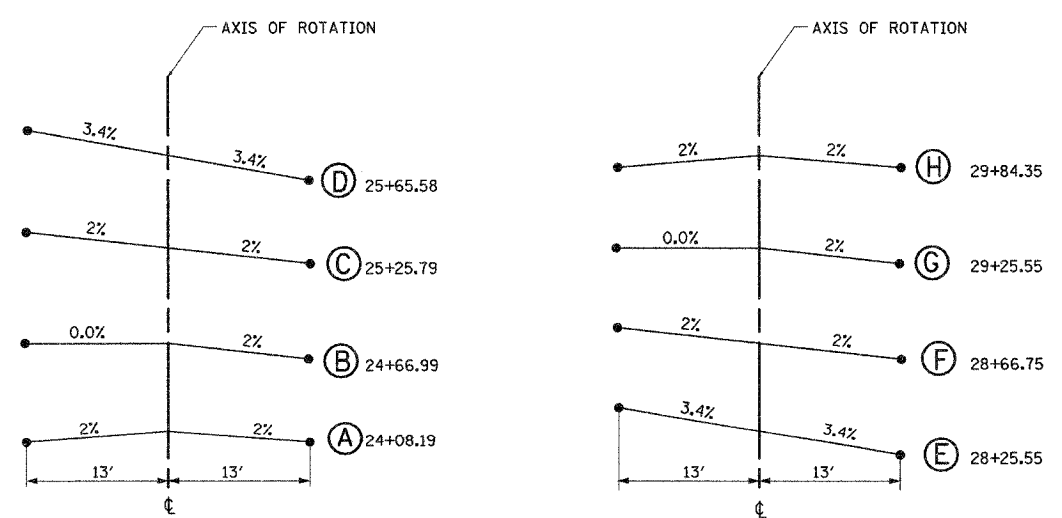
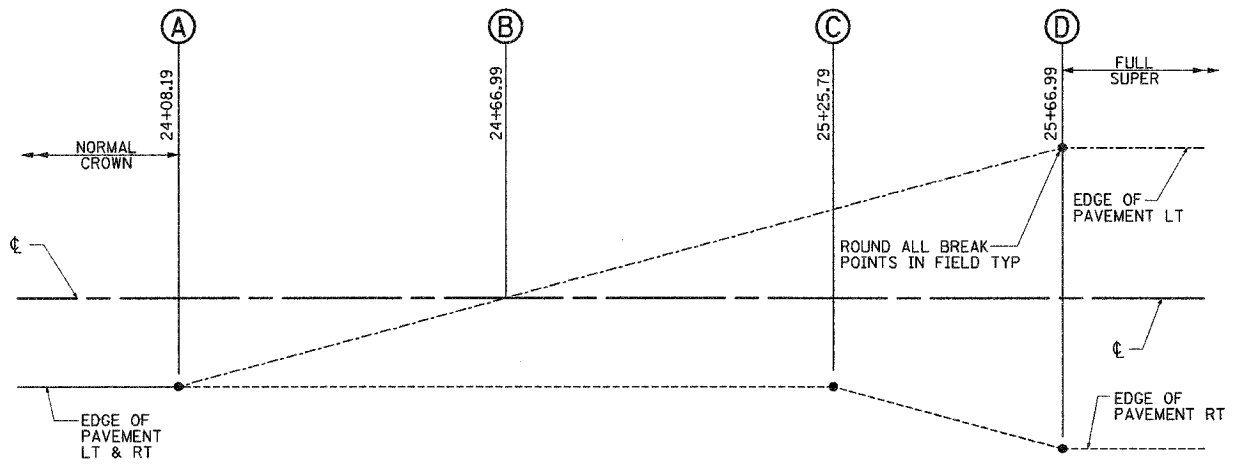
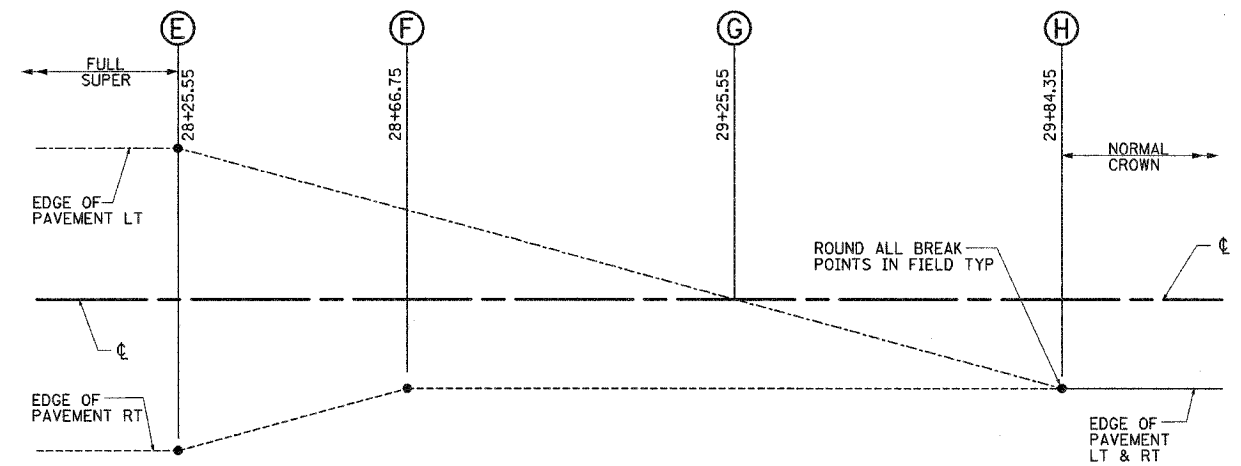
ST CLAIR COUNTY, ILLINOIS

# ENTRANCE DETAILS

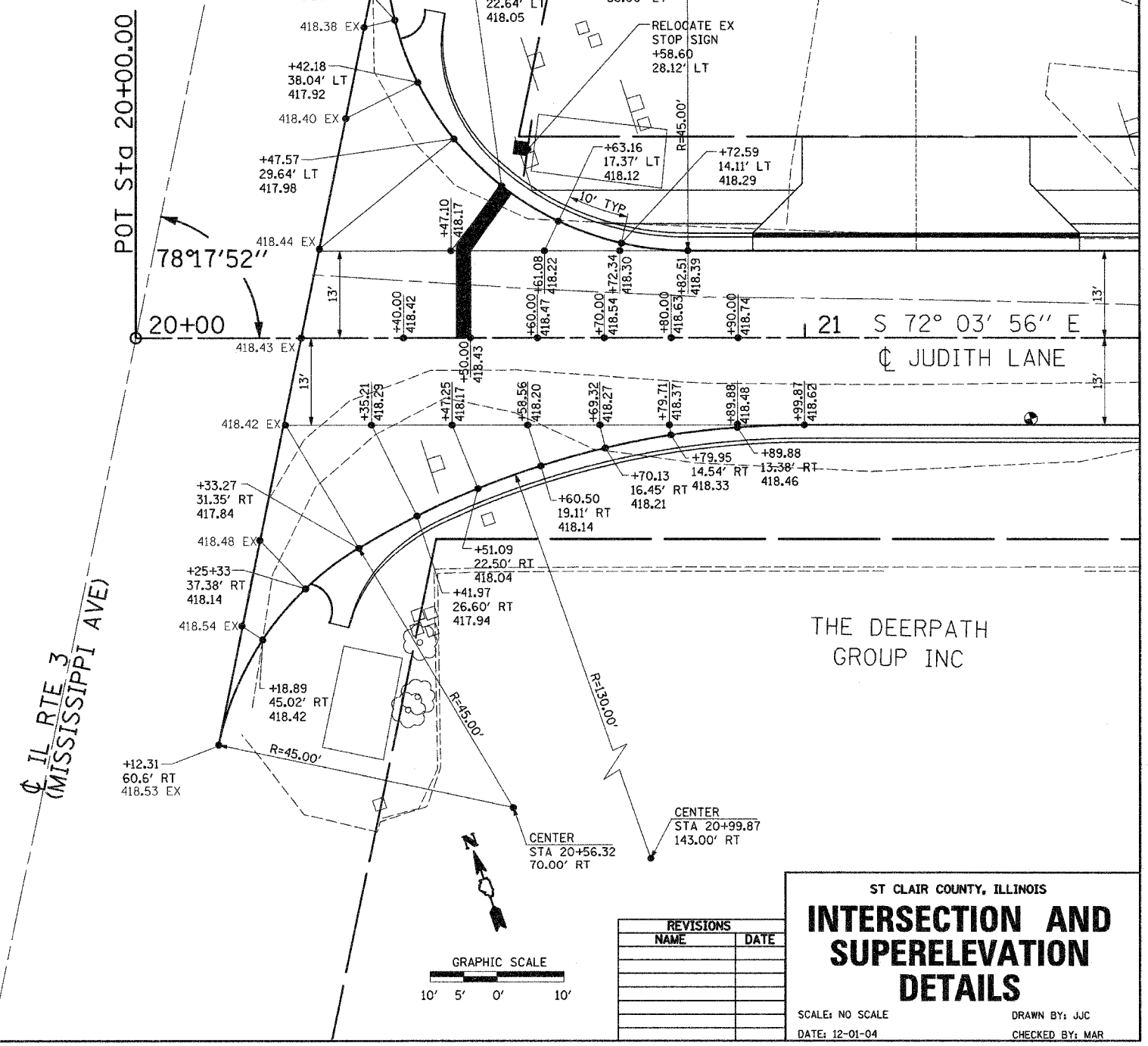
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DRAWN BY: JJC  
 CHECKED BY: MAR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	30
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV				



SUPERELEVATION TRANSITION



THE DEERPATH GROUP INC

REVISIONS	
NAME	DATE

ST CLAIR COUNTY, ILLINOIS

## INTERSECTION AND SUPERELEVATION DETAILS

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DATE: 12-01-04

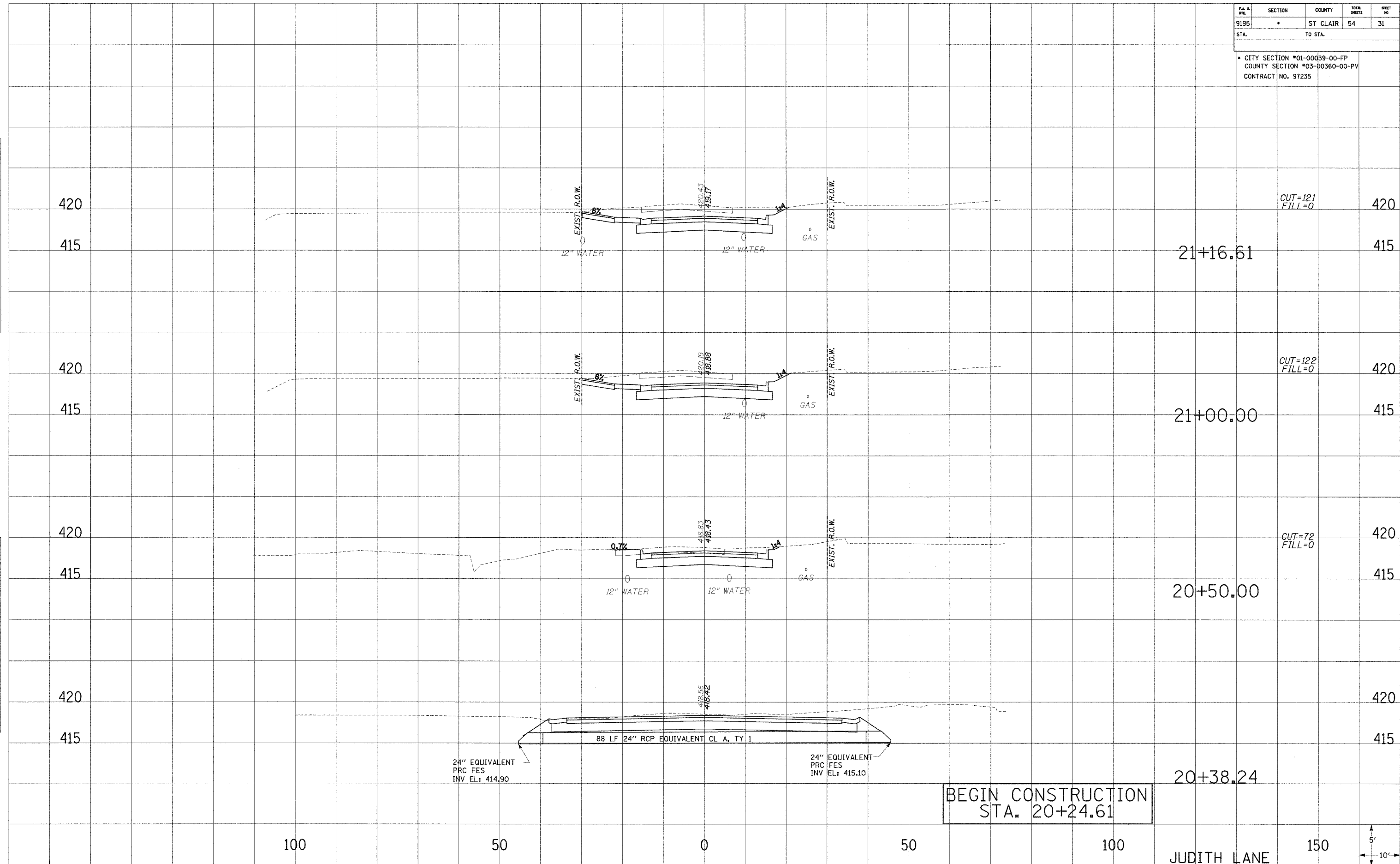
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FA. & RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	31
STA.	TO STA.			

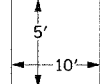
\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

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 AREAS CHECKED  
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 AREAS CHECKED  
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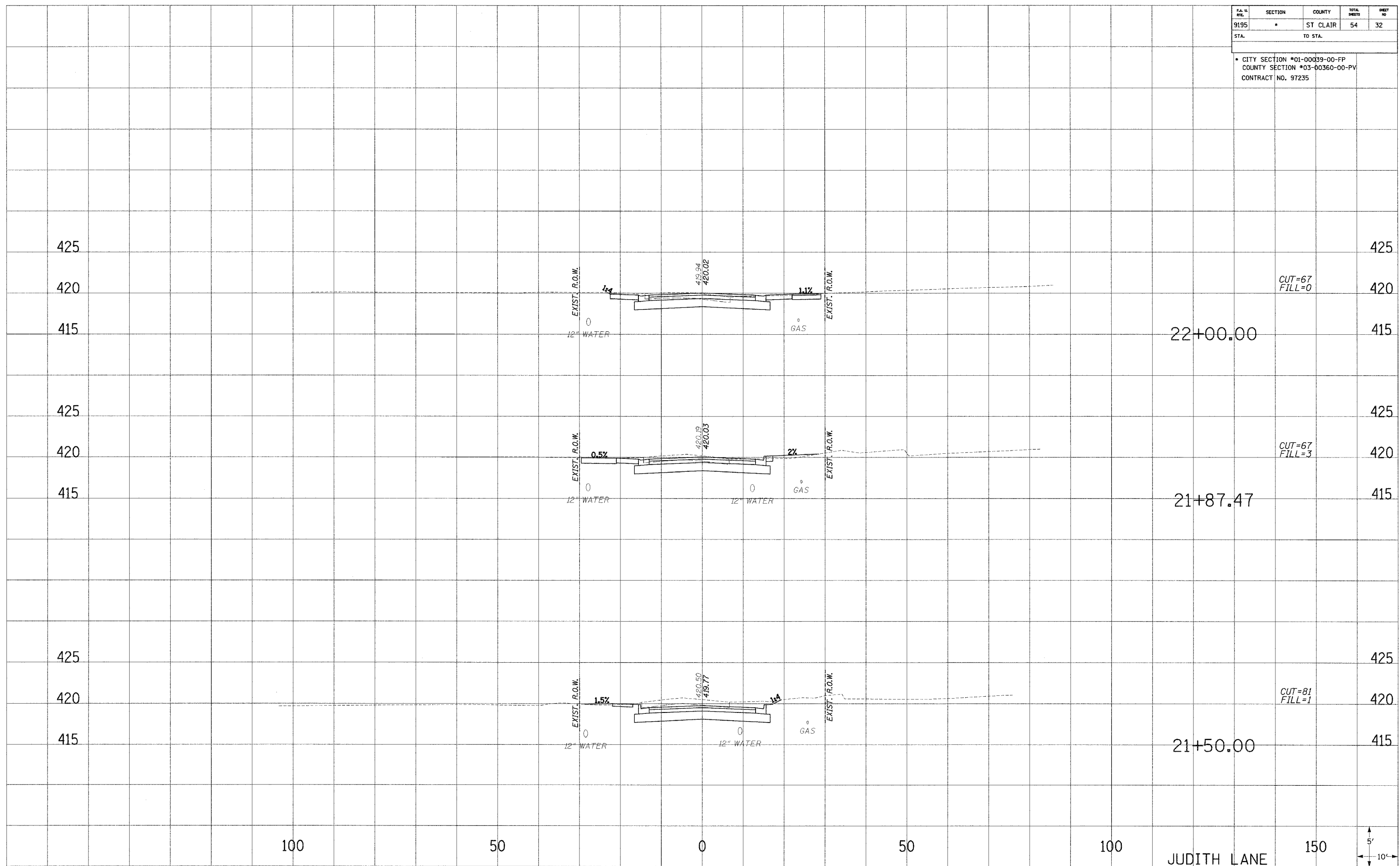
**BEGIN CONSTRUCTION  
STA. 20+24.61**



F.A. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9195	*	ST CLAIR	54	32
STA.		TO STA.		
* CITY SECTION *01-00039-00-FP COUNTY SECTION *03-00360-00-PV CONTRACT NO. 97235				

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 TEMPLATE  
 AREAS  
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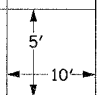
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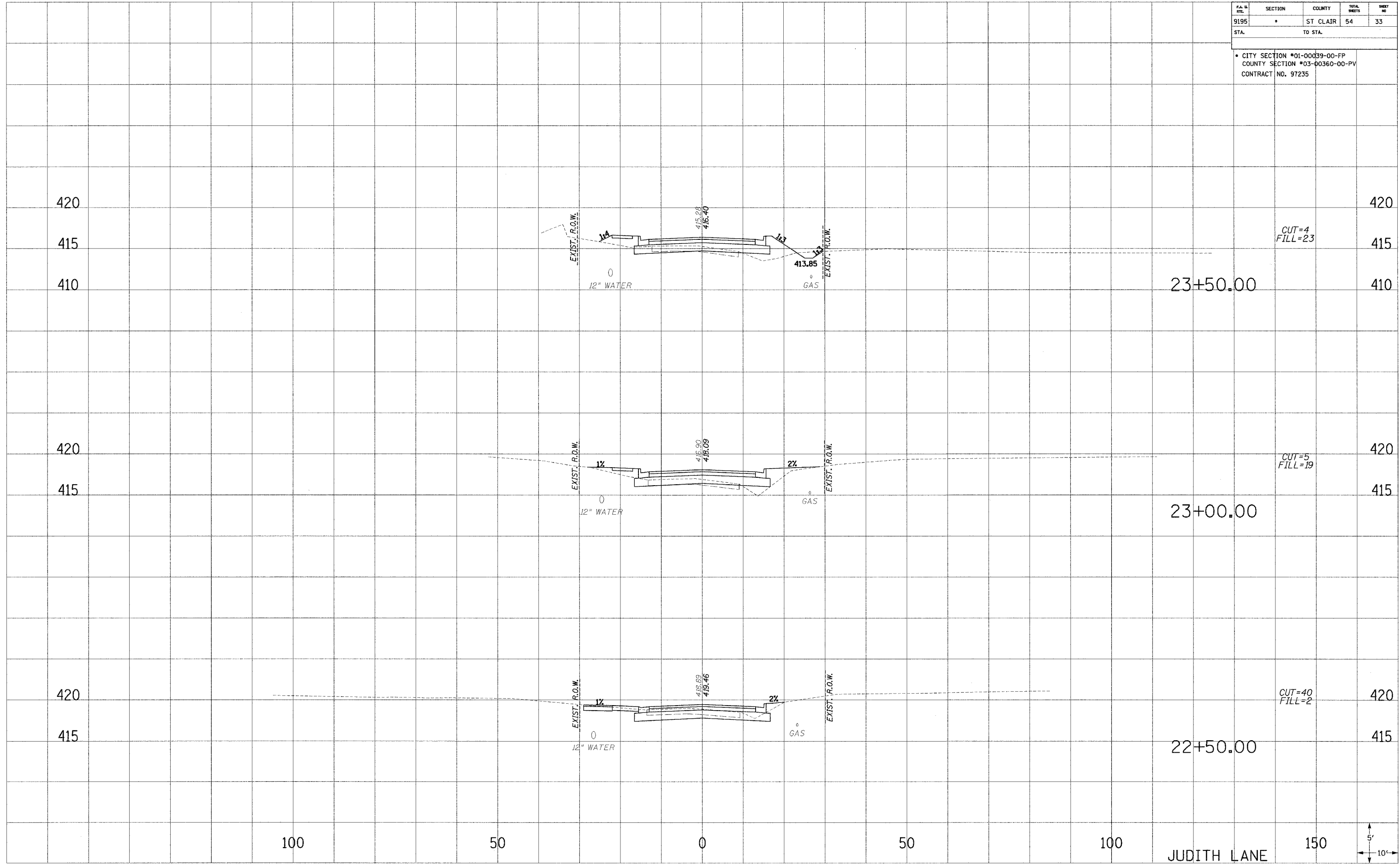


P.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	33
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

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 TEMPLATE  
 AREAS  
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 NOTE BOOK  
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 AREAS  
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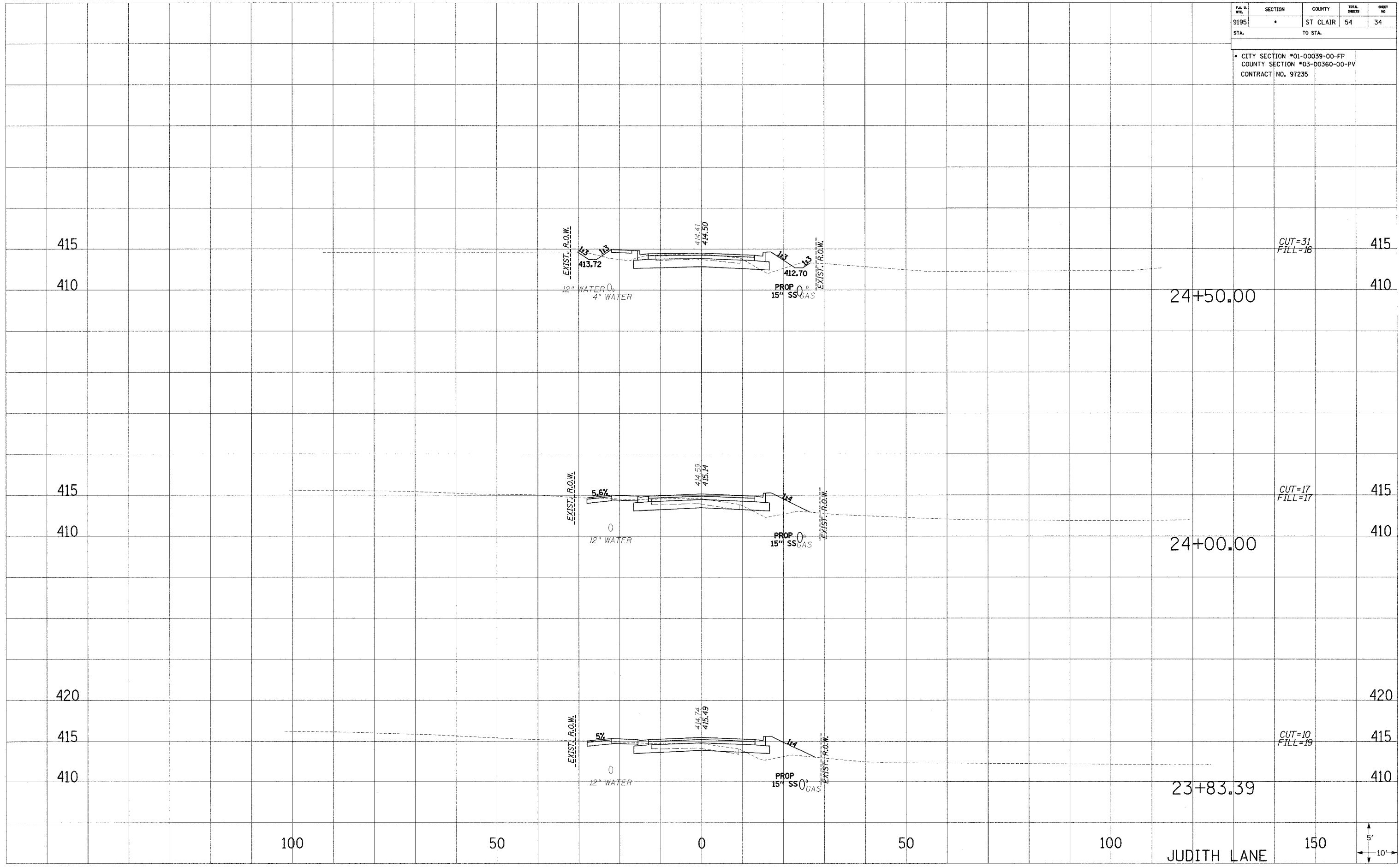
100 50 0 50 100 150  
 JUDITH LANE  
 5'  
 10'

PA. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	34
STA.	TO STA.			

\* CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

PLOTTED  
NOTE BOOK  
TEMPLATE  
AREAS  
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PLOTTED  
NOTE BOOK  
TEMPLATE  
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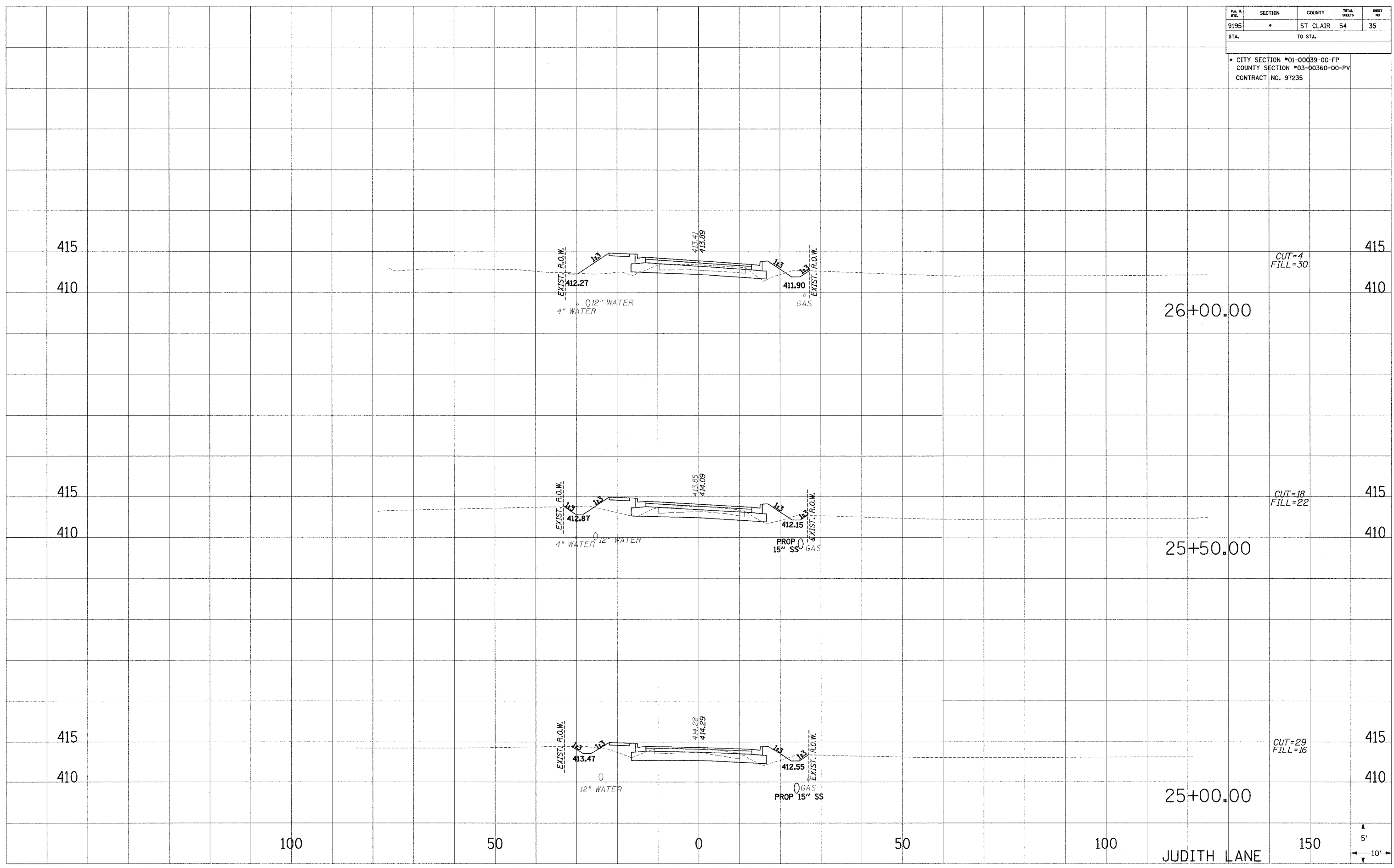
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P.A. I.D. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	35
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

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NOTE BOOK  
TEMPLATE  
AREAS  
CHECKED

PLOTTED  
NOTE BOOK  
TEMPLATE  
AREAS  
CHECKED

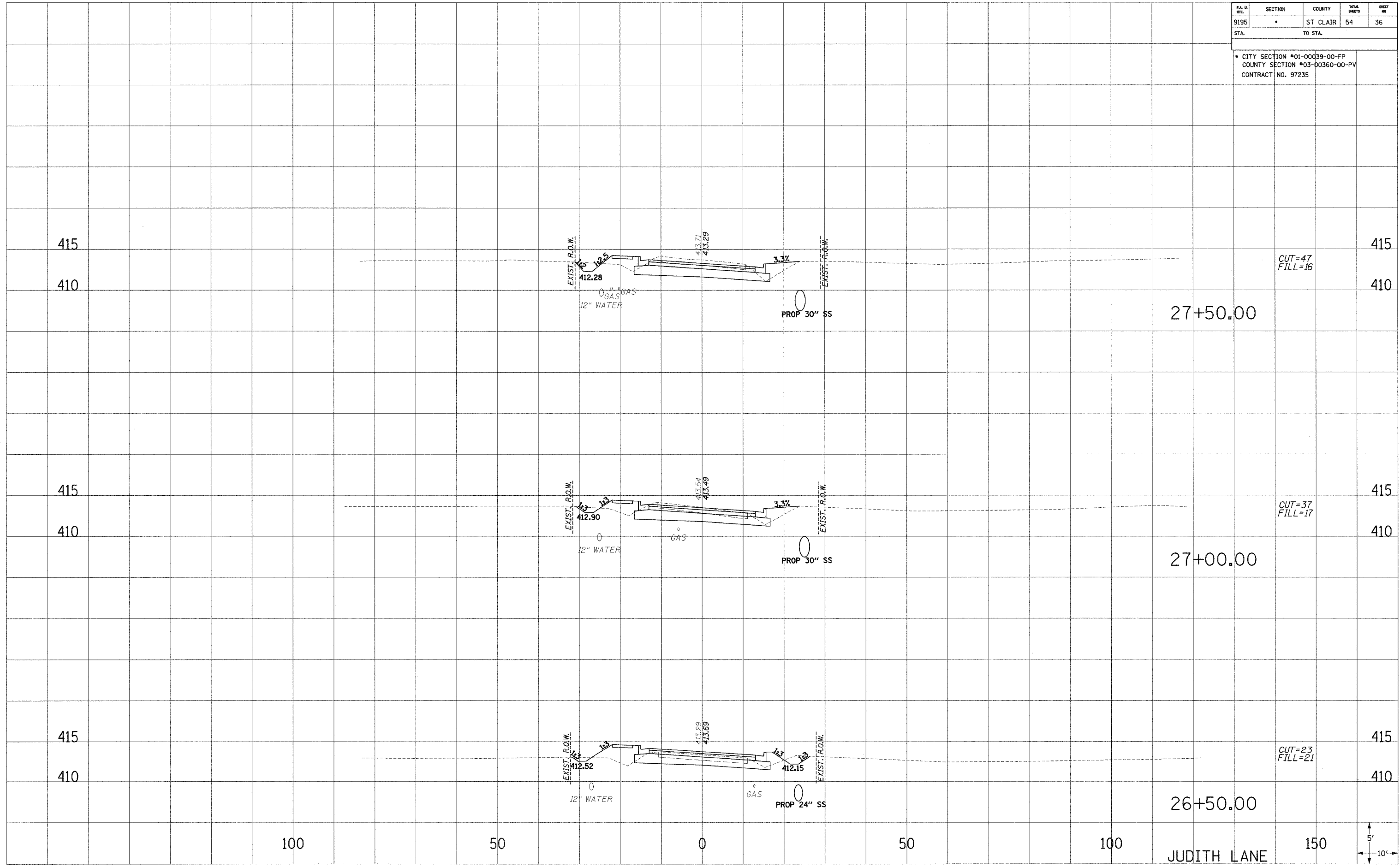


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P.A. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9195	*	ST CLAIR	54	36
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

PLOTTED  
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 TEMPLATE  
 AREAS  
 CHECKED

PLOTTED  
 NOTE BOOK  
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 CHECKED



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50

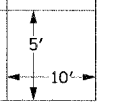
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50

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JUDITH LANE

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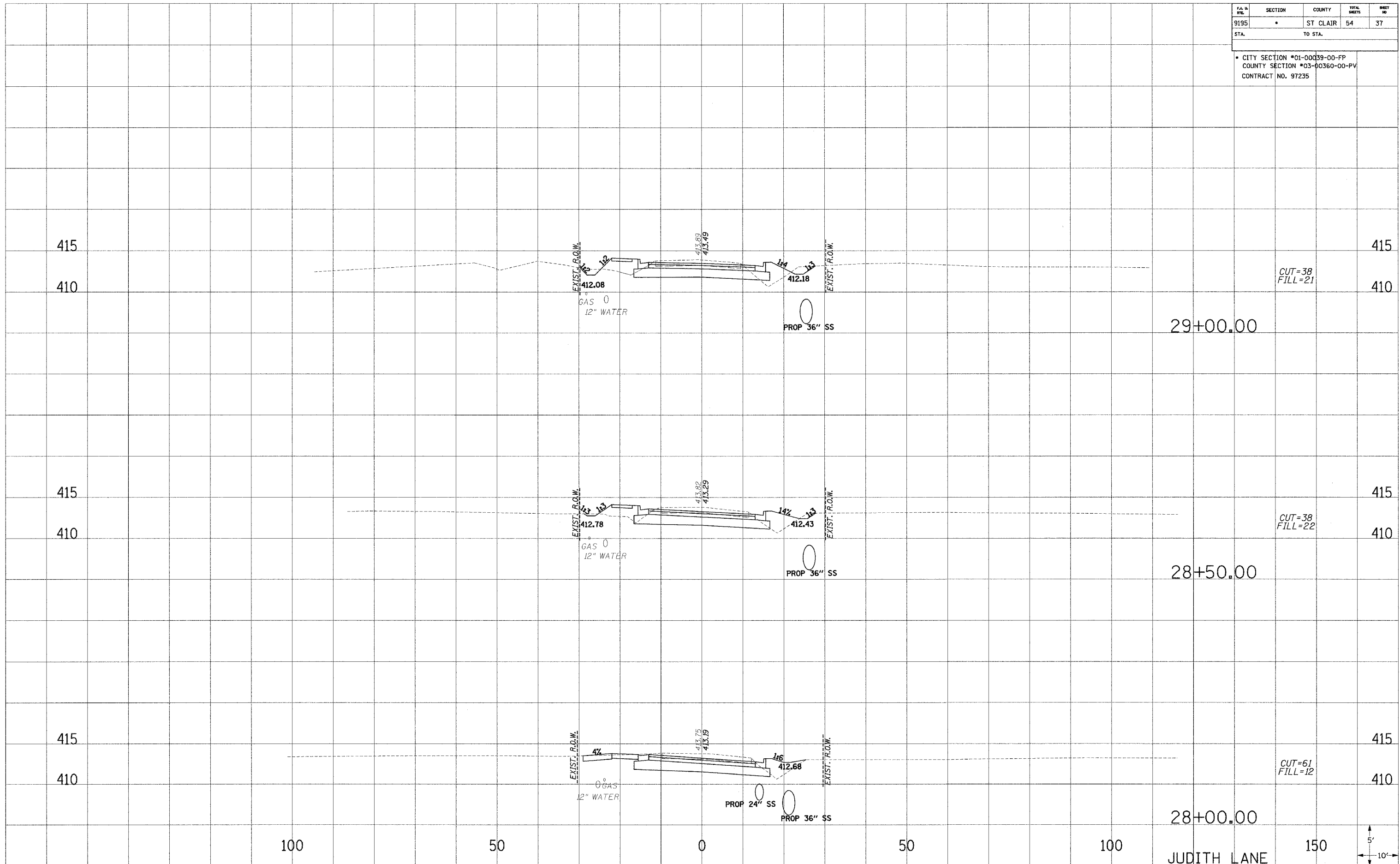


P.A. N. ITC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	37
STA.		TO STA.		
* CITY SECTION *01-00039-00-FP COUNTY SECTION *03-00360-00-PV CONTRACT NO. 97235				

PLOTTED  
 NOTE BOOK  
 TEMPLATE  
 AREAS  
 CHECKED

PLOTTED  
 NOTE BOOK  
 TEMPLATE  
 AREAS  
 CHECKED

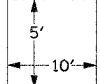
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 AREAS  
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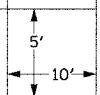
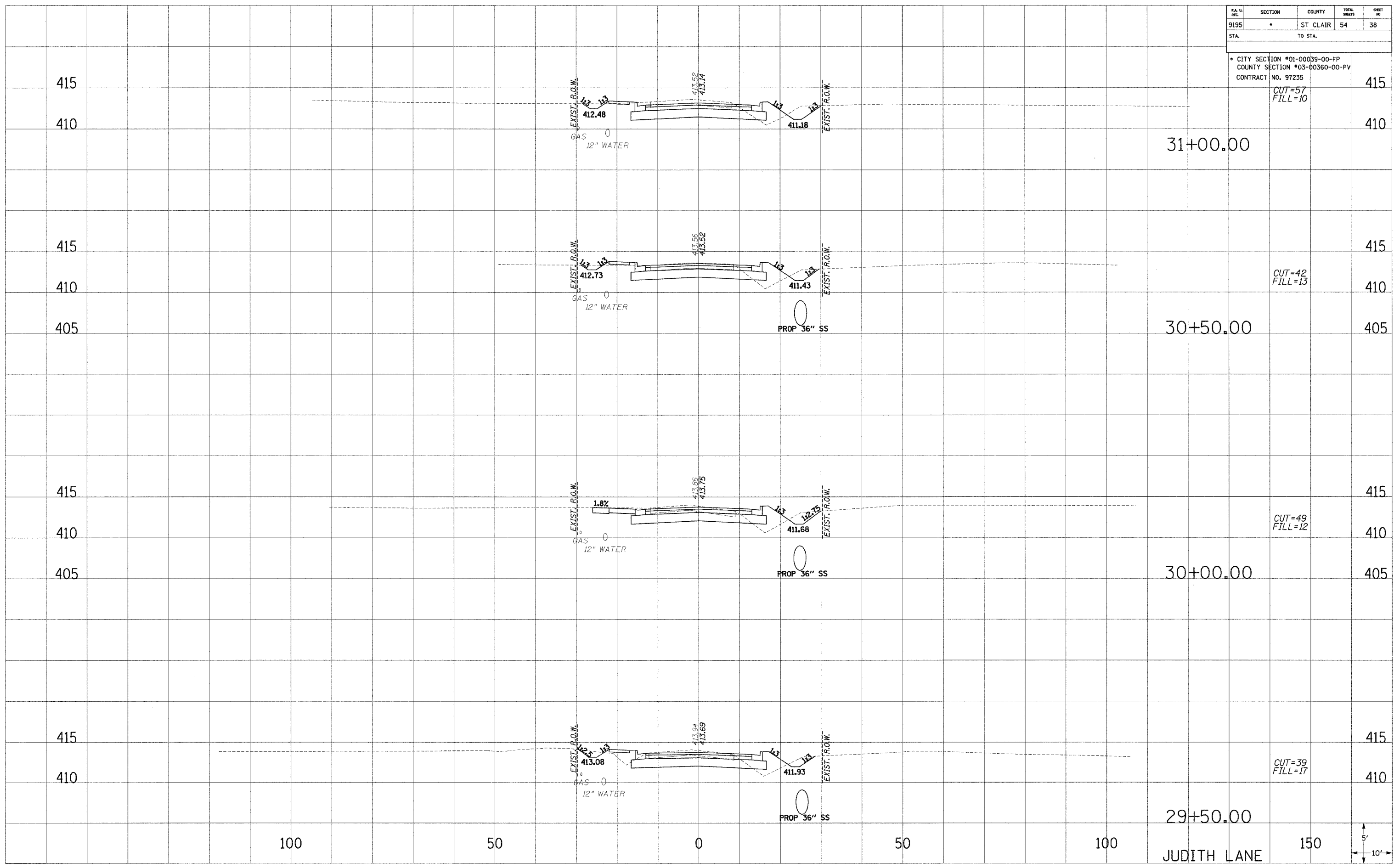


P.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	38
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

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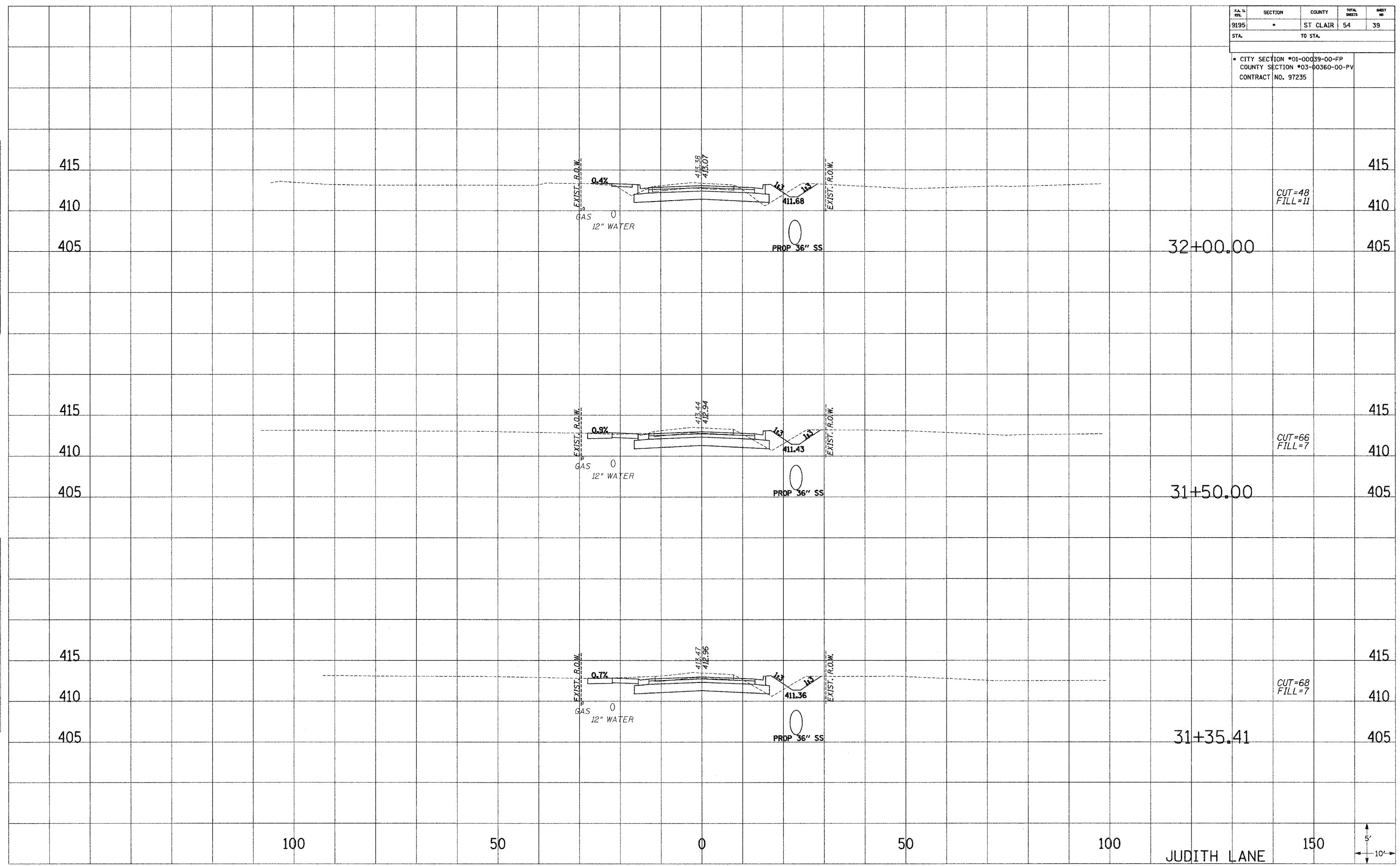
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TA. & ETL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	39
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

PLOTTED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 AREAS: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_

PLOTTED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 AREAS: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_



CUT=48  
FILL=11

CUT=66  
FILL=7

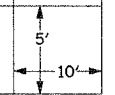
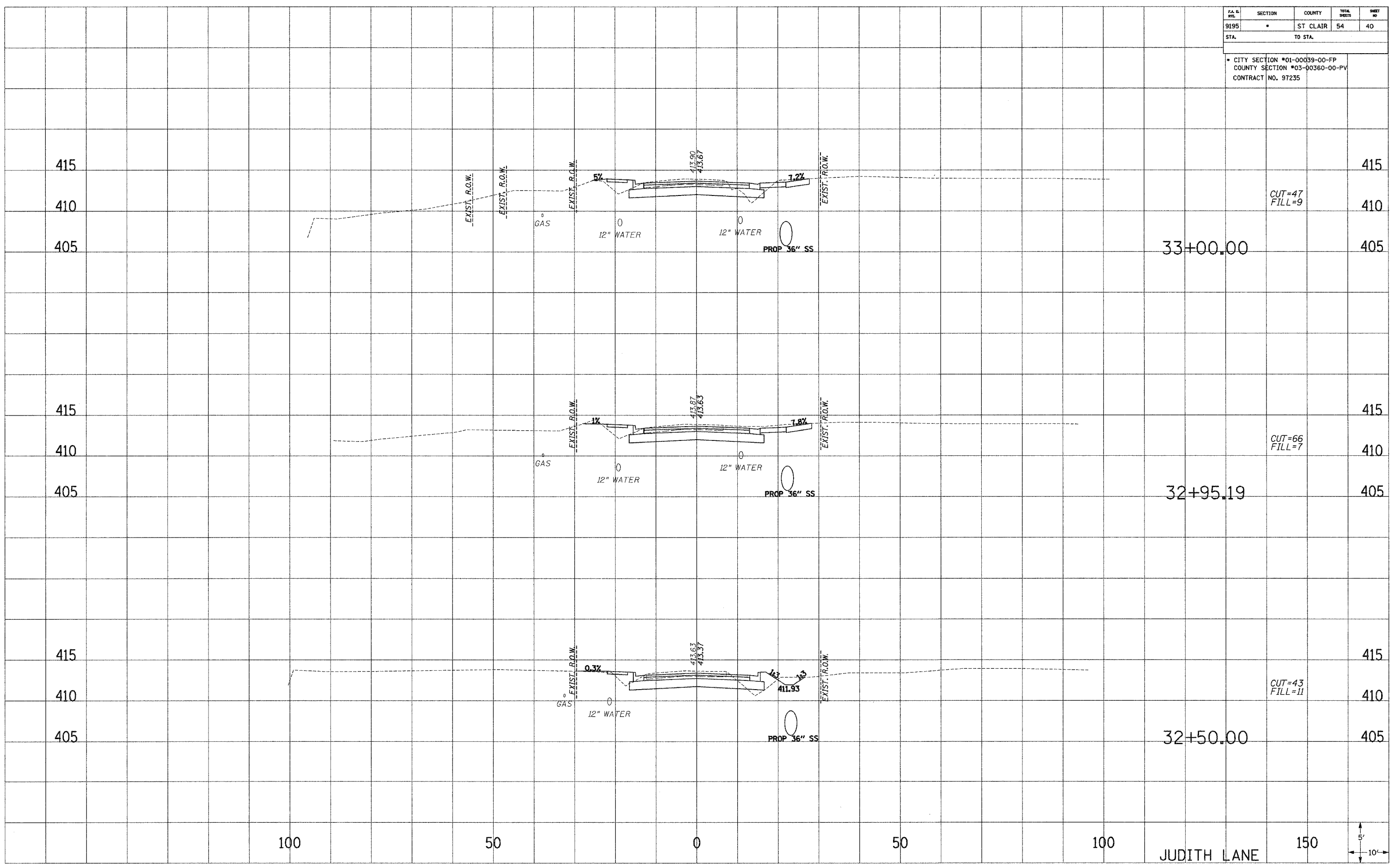
CUT=68  
FILL=7

JUDITH LANE

P.A. & ATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	40
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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 NOTE BOOK NO.

PLOTTED TEMPLATE AREAS CHECKED  
 NOTE BOOK NO.





P.A. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	41
STA.	TO STA.			

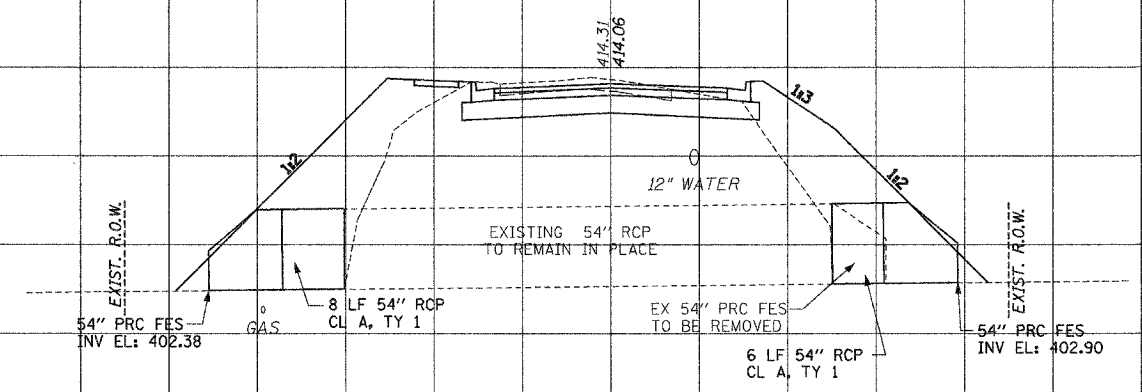
\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

415

410

405

400



CUT=191  
 FILL=246

33+64.60

415

410

405

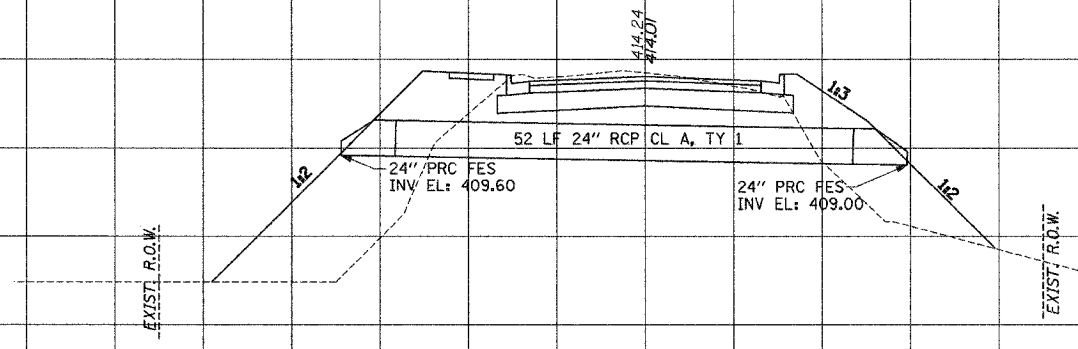
400

415

410

405

400



CUT=154  
 FILL=210

33+57.00

415

410

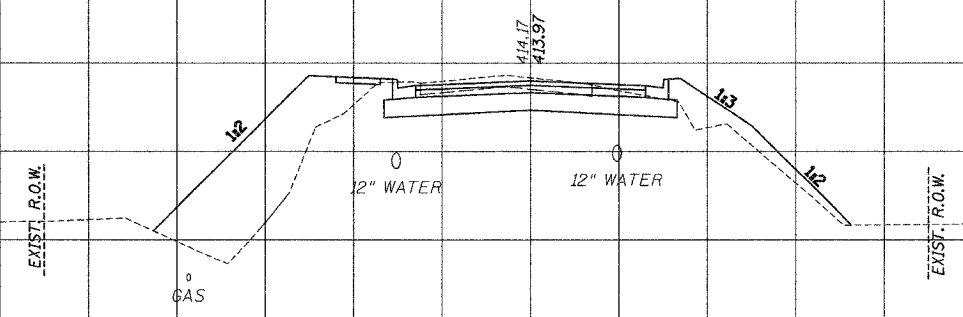
405

400

415

410

405



CUT=55  
 FILL=112

33+50.00

415

410

405

100

50

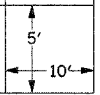
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JUDITH LANE



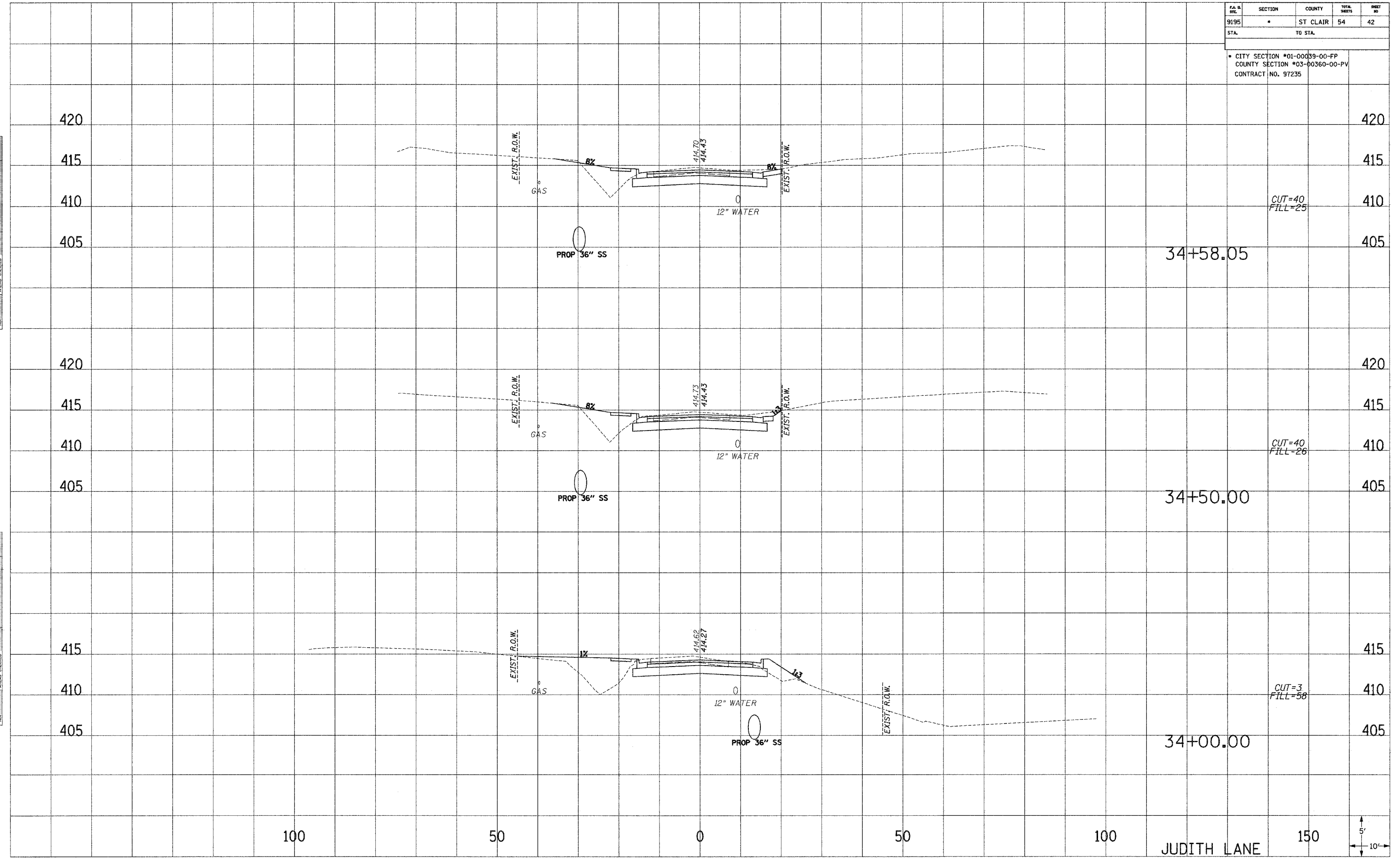
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 NOTE BOOK  
 TEMPLATE  
 AREAS CHECKED

P.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	42
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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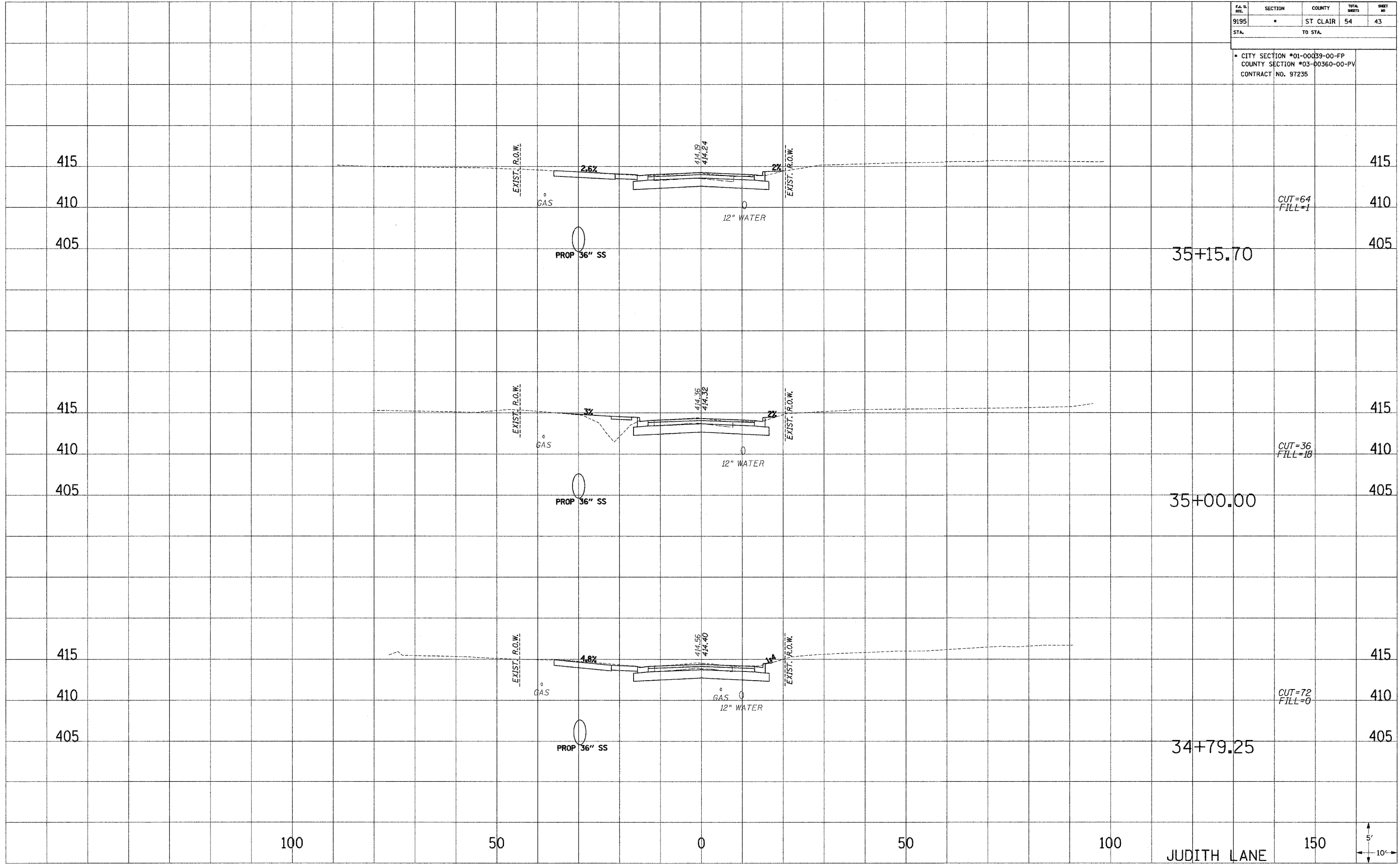


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P.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	43
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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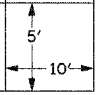
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JUDITH LANE

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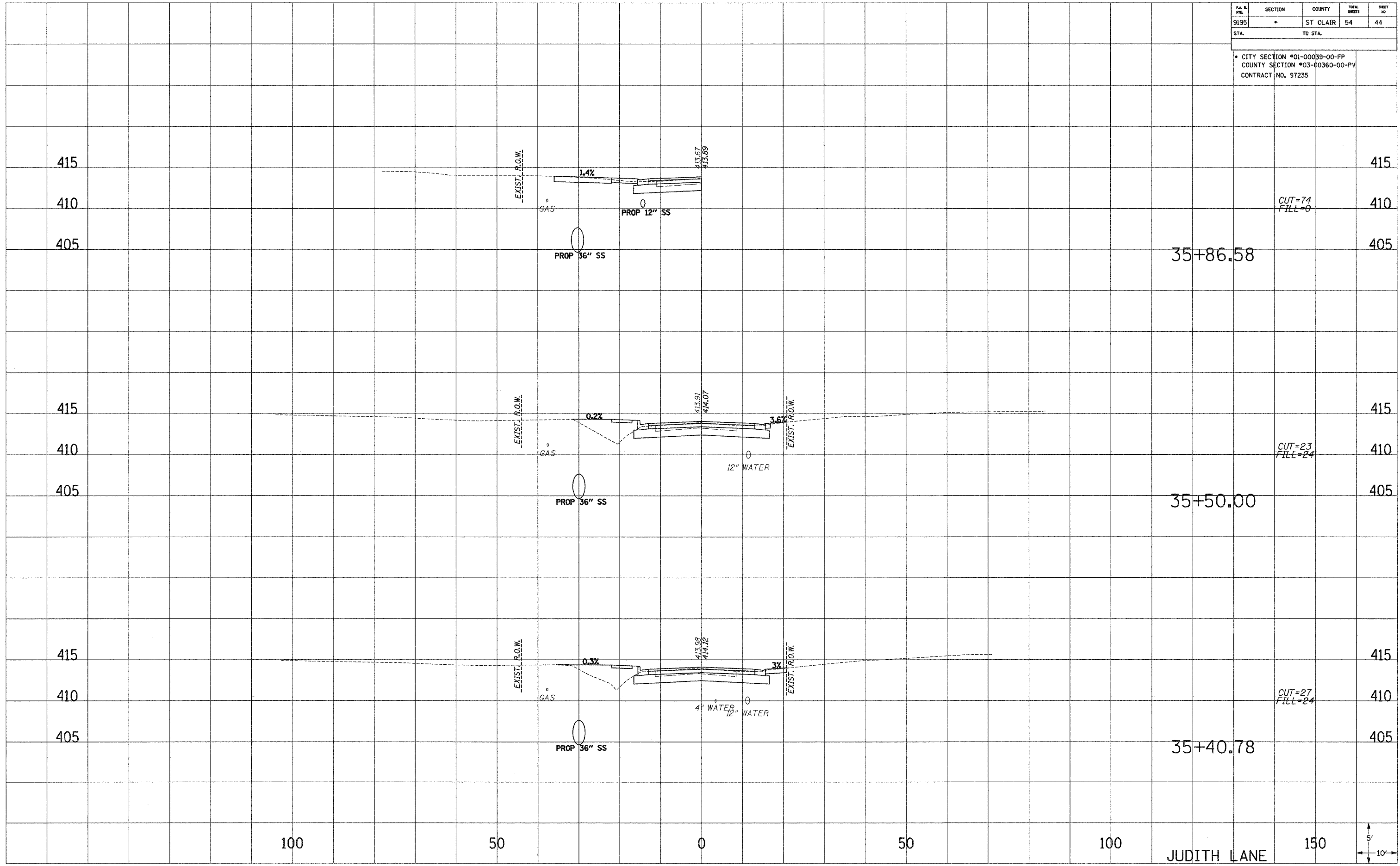


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P.A. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9195	*	ST CLAIR	54	44
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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 AREAS CHECKED  
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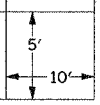
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CUT=74  
FILL=0

CUT=23  
FILL=24

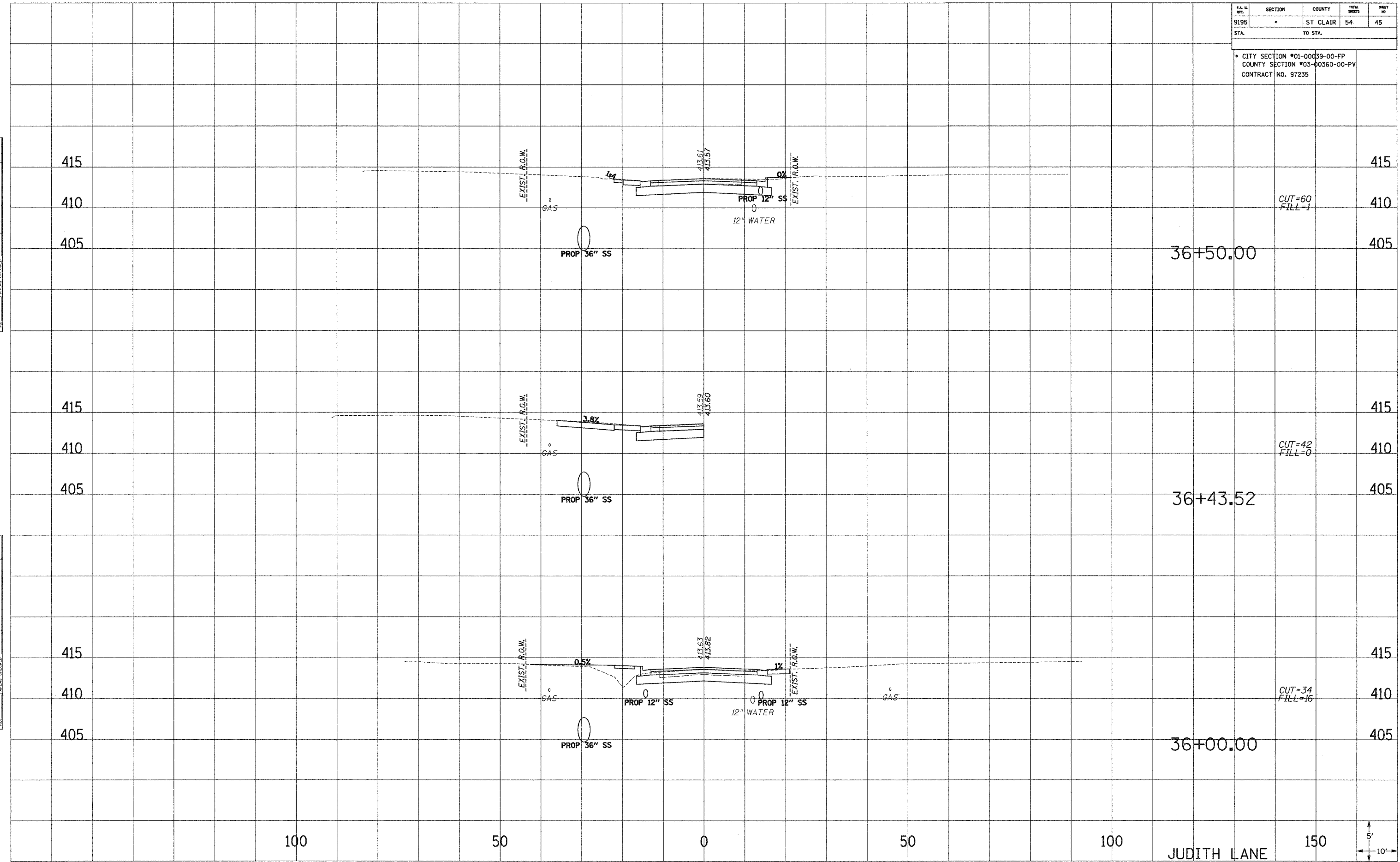
CUT=27  
FILL=24



P.A. #	SECTION	COUNTY	TOTAL SHEETS	SHEET #
9195	*	ST. CLAIR	54	45
STA.		TO STA.		
• CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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 NOTE BOOK  
 TEMPLATE  
 AREAS CHECKED

PLOTTED  
 NOTE BOOK  
 TEMPLATE  
 AREAS CHECKED

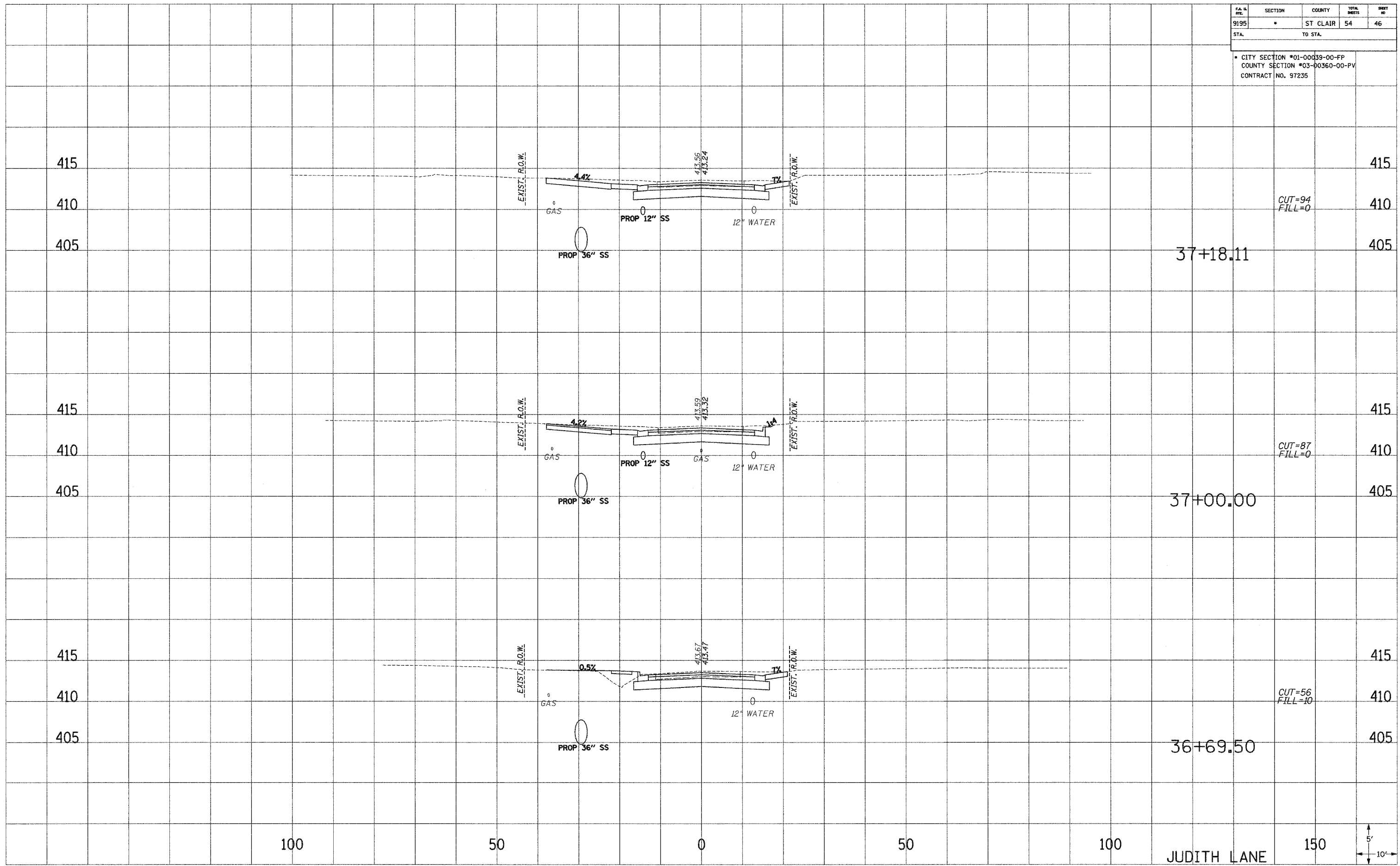


PA. & REC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	46
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

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 NOTE BOOK TEMPLATE  
 AREAS CHECKED

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 NOTE BOOK TEMPLATE  
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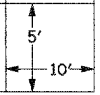


CUT=94  
FILL=0

CUT=87  
FILL=0

CUT=56  
FILL=10

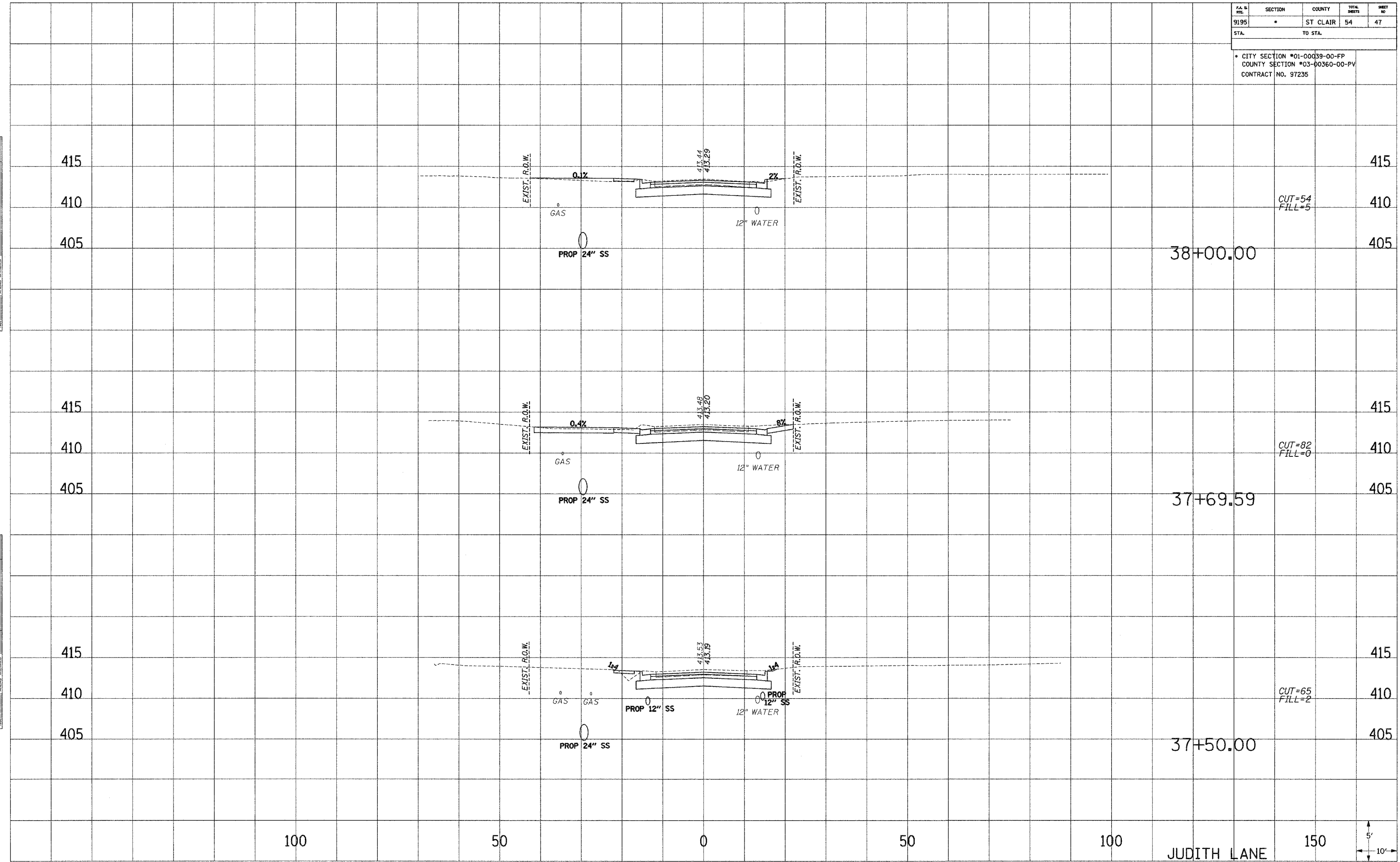
JUDITH LANE



P.A. & SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	47
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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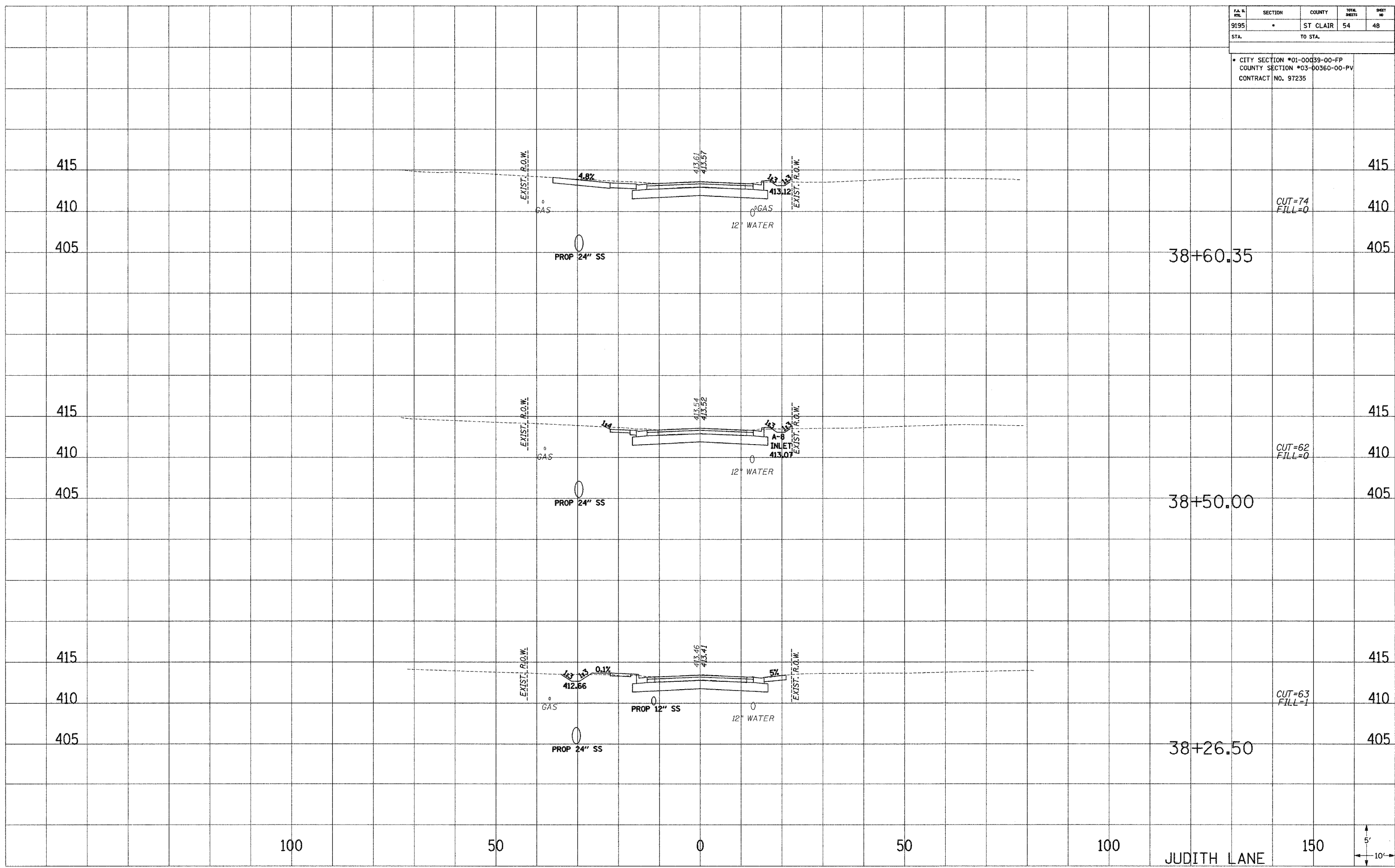
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FA. & RFL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	48
STA.	TO STA.			

\* CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

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AREAS  
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NOTE BOOK  
TEMPLATE  
AREAS  
CHECKED

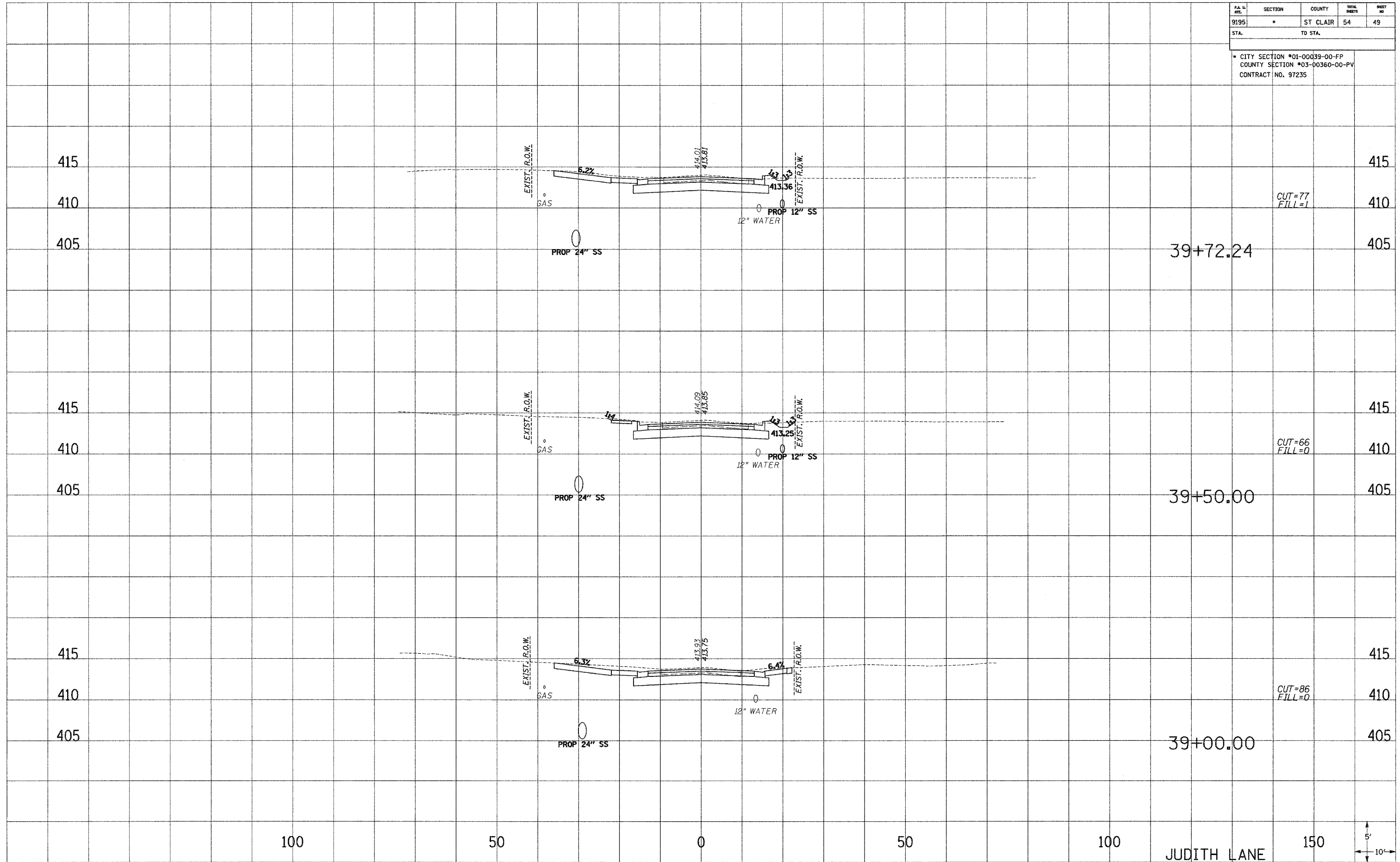




F.A. L. INT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	49
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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 NOTE BOOK  
 TEMPLATE  
 AREAS CHECKED



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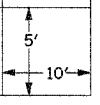
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JUDITH LANE

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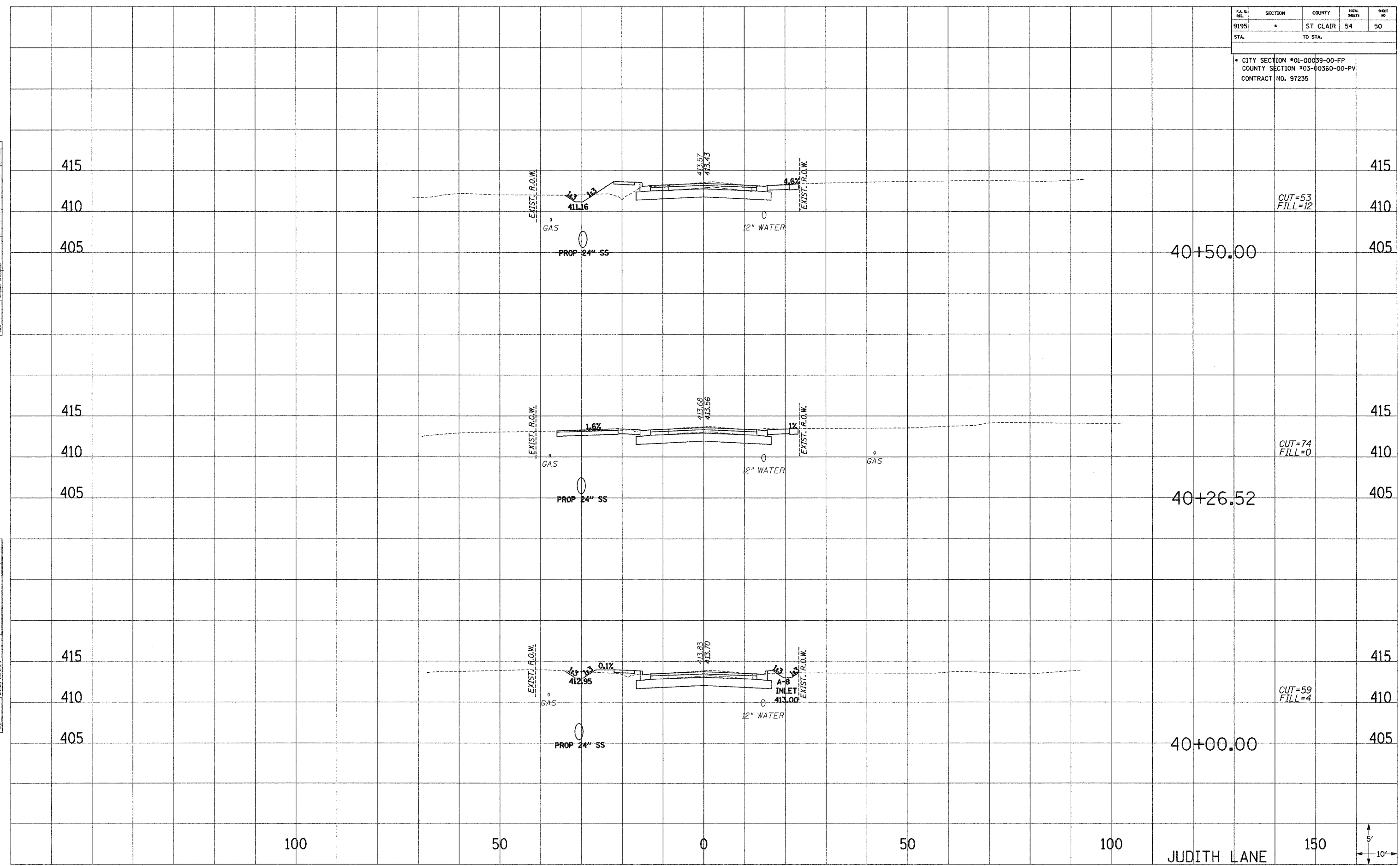


P.A. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	50
STA.		TO STA.		

\* CITY SECTION #01-00039-00-FP  
COUNTY SECTION #03-00360-00-PV  
CONTRACT NO. 97235

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NOTE BOOK  
TEMPLATE  
AREAS CHECKED  
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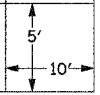
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JUDITH LANE

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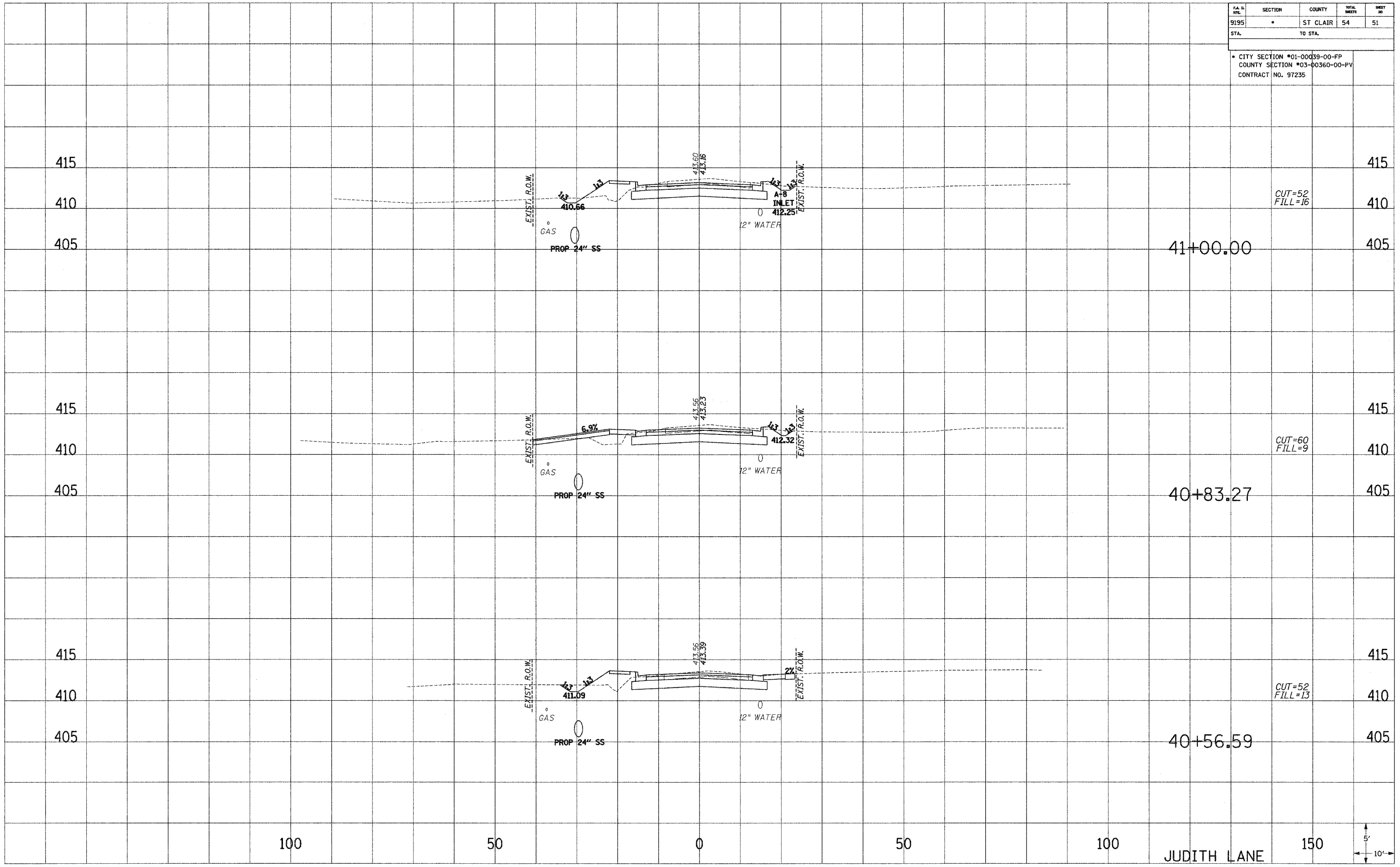


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P.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	51
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

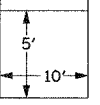
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 TEMPLATE  
 AREAS  
 CHECKED  
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PLOTTED  
 NOTE BOOK  
 TEMPLATE  
 AREAS  
 CHECKED  
 NO.



100                      50                      0                      50                      100                      150

JUDITH LANE



P.A. & FILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST CLAIR	54	52
STA.		TO STA.		

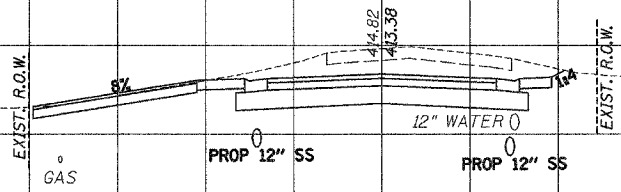
\* CITY SECTION #01-00039-00-FP  
 COUNTY SECTION #03-00360-00-PV  
 CONTRACT NO. 97235

CUT=113

415

410

42+00.00

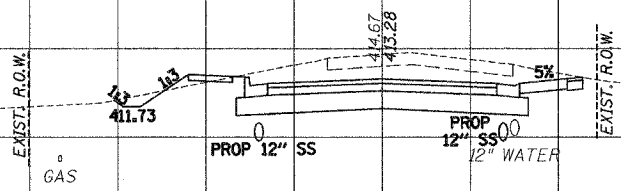


CUT=103  
FILL=1

415

410

41+92.29

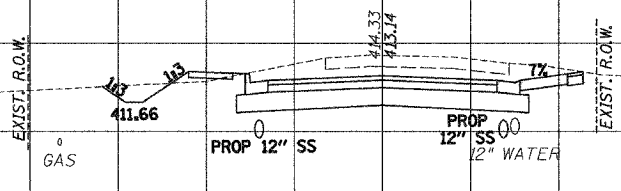


CUT=100  
FILL=1

415

410

41+77.77

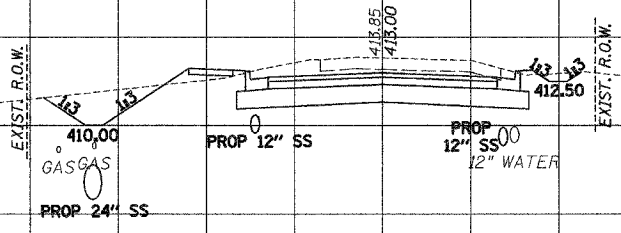


CUT=93  
FILL=3

415

410

41+50.00



100

50

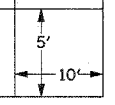
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100

JUDITH LANE

150



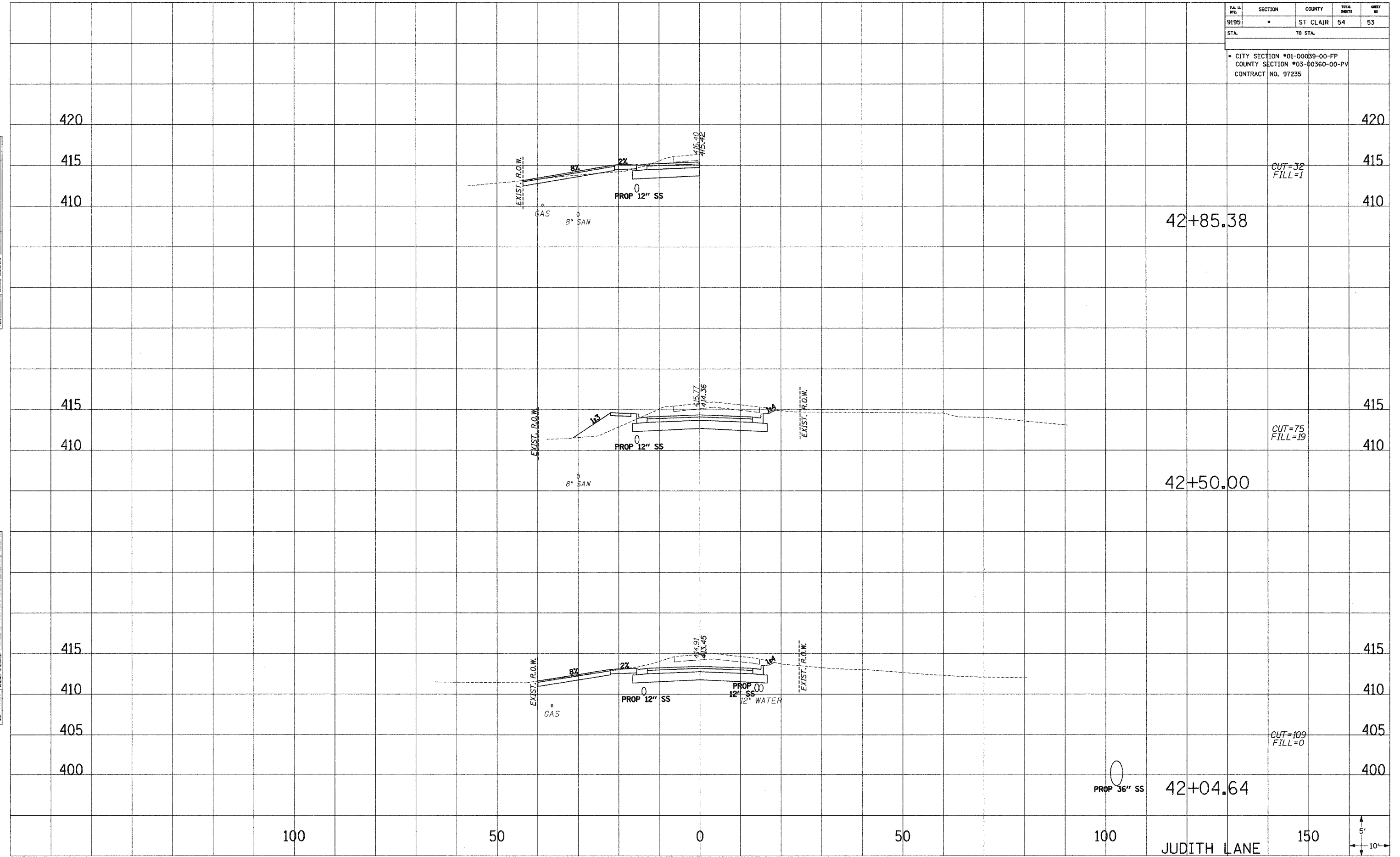
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 NOTE BOOK NO.

PA. & WTS.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	53
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

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 AREAS CHECKED

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 TEMPLATE  
 AREAS CHECKED



420

415

410

415

410

415

410

405

400

420

415

410

415

410

415

410

405

400

42+85.38

42+50.00

42+04.64

CUT=32  
FILL=1

CUT=75  
FILL=19

CUT=109  
FILL=0

PROP 36" SS

100

50

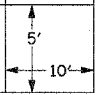
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50

100

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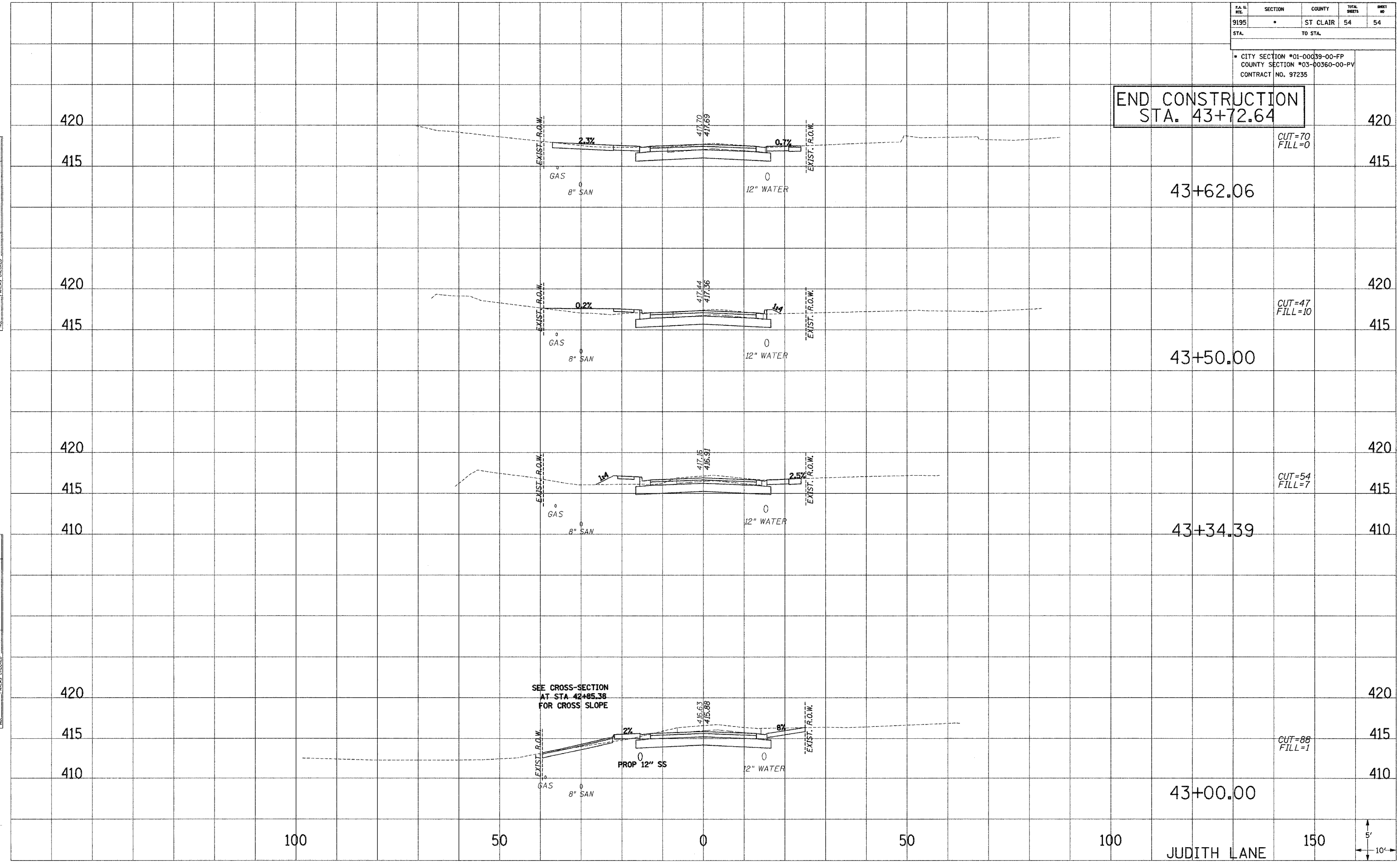
JUDITH LANE



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PA. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9195	*	ST. CLAIR	54	54
STA.		TO STA.		
* CITY SECTION #01-00039-00-FP COUNTY SECTION #03-00360-00-PV CONTRACT NO. 97235				

**END CONSTRUCTION  
STA. 43+72.64**



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 NO. AREAS CHECKED

PLOTTED  
 NOTE BOOK TEMPLATE  
 NO. AREAS CHECKED

SEE CROSS-SECTION  
AT STA. 42+85.38  
FOR CROSS SLOPE

JUDITH LANE

