

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

CITY OF EAST ST LOUIS
LAPP IMPROVEMENT PROJECT
STATE STREET (F.A.U. RTE. 9182)
CITY SECTION 05-00186-07-FP
PROJECT # HPP-0555(001)
JOB # C-98-328-06
ST. CLAIR COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	1
FED. ROAD DIST. NO. 8 ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97386				

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES AND SUMMARY OF QUANTITIES
- 3-4 TYPICAL SECTIONS
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- 33-46 PAVEMENT MARKING DETAIL SHEETS
- 47 DETAILS

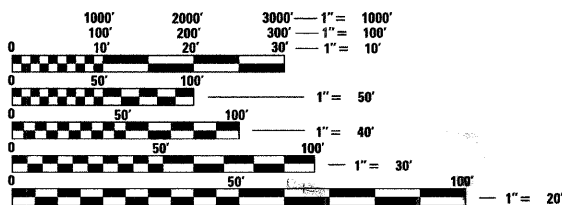
STANDARDS

000001-05	701301-03	701801-04
001006	701311-03	701901-01
424001-05	701601-06	780001-02
442201-03	701606-06	886001-01
606001-04	701701-06	886006-01

UTILITY OWNERS

SEE SHEET 2 GENERAL NOTES

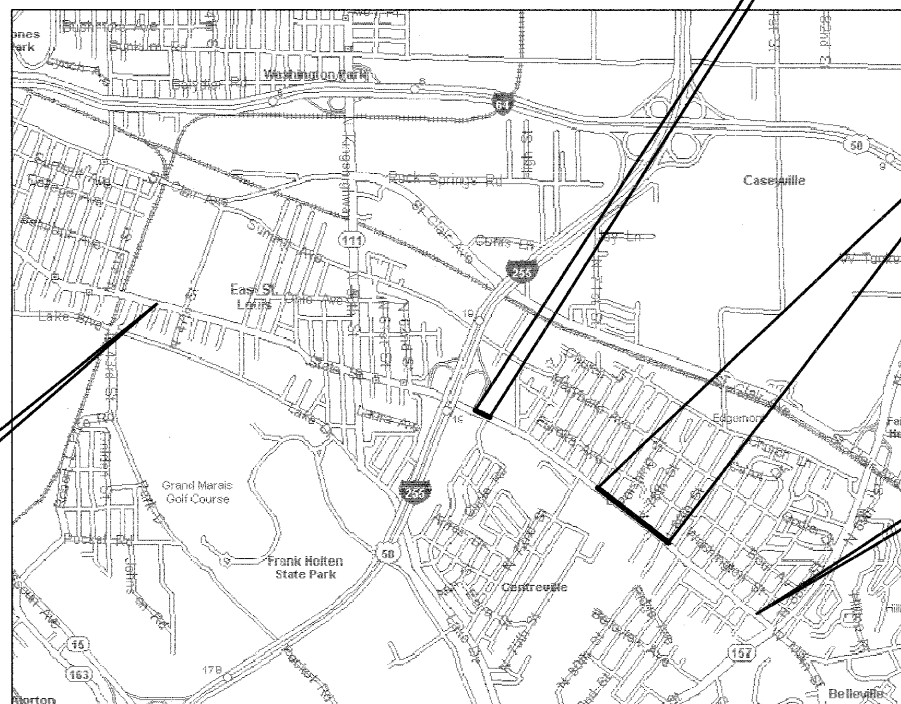
**SCALES USED FOR
VARIOUS PLAN SHEETS**



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

BEGIN CONSTRUCTION
STA. 100+85.00



LOCATION MAP

PAVEMENT OMISSION
STA. 175+28.21 TO STA 176+30.00

PAVEMENT OMISSION
STA. 206+50.00 TO STA 226+00.00

END CONSTRUCTION
STA. 251+00.00

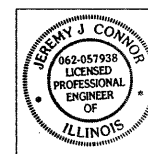
TOTAL LENGTH OF SECTION 12,963.21 FEET = 2.455 MILES

DESIGN SPEED
URBAN 35 MPH

ROADWAY DESIGN DESIGNATION

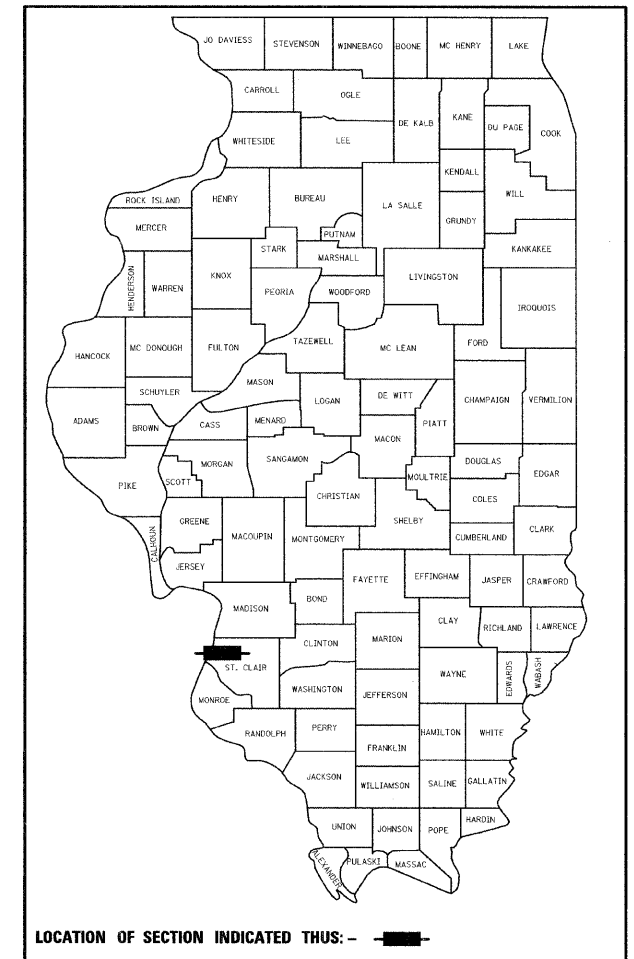
MINOR ARTERIAL

DESIGN TRAFFIC
2009 ADT 12,468
2029 ADT 13,775



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

Jeremy J. Connor
ILL PE 062-057938 JEREMY J. CONNOR DATE 05/23/09
LICENSE EXPIRES 11/30/2009



LOCATION OF SECTION INDICATED THUS: -

APPROVED May 28 2009
Alvin L. Parks Jr.
ALVIN L. PARKS, JR., MAYOR, CITY OF EAST ST. LOUIS

PASSED 6/1 2009
[Signature]
DISTRICT 8 ENGINEER OF LOCAL ROADS AND STREETS

APPROVED 6/1 2009
Mary C. Lamie
MARY C. LAMIE, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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OF THE STATE OF ILLINOIS**

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST. CLAIR	47	2
STA.		TO STA.		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				

GENERAL NOTES

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007 AND THE SPECIAL PROVISIONS.
- ALL STATIONING REFERS TO THE CENTERLINE OF NEW CONSTRUCTION.
- THE LOCATIONS AND / OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM AVAILABLE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKING OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE TO J.U.L.I.E. @ (800) 892 - 0123.
- THE FOLLOWING CONSTANTS WERE USED IN THE CALCULATIONS OF QUANTITIES FOR THIS PROJECT:
 HMA SURFACE COURSE, MIX "C" N70 - 112 LBS. / SQ. YD. / INCH THICKNESS
 BITUMINOUS MATERIALS (PRIME COAT) - 0.075 GAL. / SQ. YD.
 AGGREGATE (PRIME COAT) - 4 LBS. / SQ. YD.
- DISPOSAL OF ALL MATERIAL FROM DEMOLITION (CURB REMOVAL, ETC.) SHALL BE INCLUDED IN THE CONTRACT AND PERFORMED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
- THE EXISTING RIGHT OF WAY LINES AND WIDTHS SHOWN ON THE PLAN SHEETS WERE TAKEN FROM EXISTING ST. CLAIR COUNTY TAX MAPS AND ATLASES. THE LOCATIONS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE CONSIDERED APPROXIMATE.
- TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- ANY RECYCLED ASPHALT PRODUCT (RAP) USED IN THIS CONTRACT THAT CONTAINS RUBBER SEALANT SHALL BE SCREENED AND REMOVED PRIOR TO INTRODUCTION INTO ANY HOT-MIX ASPHALT PAY ITEM. THE COST OF SCREENING RAP MATERIAL SHALL BE INCLUDED IN THE HOT-MIX ASPHALT PAY ITEM.
- 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS FOR THE HANDICAPPED (STD 424001). THE RAMPS ARE TO BE PROVIDED IN ACCORDANCE WITH ADA STANDARDS. SEE SHEET 47 FOR ADDITIONAL DETAILS FOR SIDEWALK CONSTRUCTION.
- TEMPORARY HMA RAMPS SHALL BE INCLUDED IN THE HOT-MIX ASPHALT PAY ITEM.
- HURST-ROSCHKE ENGINEERS TO PROVIDE CENTERLINE LAYOUT AND BENCHMARKS FOR CONSTRUCTION LAYOUT.
- COORDINATE WITH IDOT BEFORE HMA SURFACE REMOVAL IN THE VICINITY OF I-255 (DETECTOR LOOPS) FOR SIGNAL COORDINATION.
- ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED ON EACH END OF THE PROJECT AND ON ALL INTERSECTING SIDE ROADS. COST TO BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION PAY ITEM. CONSTRUCTION SIGNS SHALL BE 48 INCH FLUORESCENT ORANGE.

UTILITY OWNERS

WATER:	ILLINOIS AMERICAN WATER COMPANY 100 NORTH WATERWORKS DRIVE BELLEVILLE, ILLINOIS 62223 618-277-9887	TELEPHONE:	AT&T ILLINOIS 203 GOETHE COLLINSVILLE, ILLINOIS 62234 618-346-6400
GAS:	AMEREN IP CONSTRUCTION DEPARTMENT DECATUR, ILLINOIS 1-800-892-7715	CABLE T.V.:	A.T. & T. BROADBAND 508 NIAGRA EAST ALTON, ILLINOIS 62024 618-875-4155
POWER:	AMEREN UE 500 EAST BROADWAY EAST ST. LOUIS, ILLINOIS 62203 1-800-552-7583		CHARTER COMMUNICATIONS 201 W. DIVISION MARYVILLE, ILLINOIS 62062 618-345-8122 JULIE (800)-892-0123 EAST ST. LOUIS TOWNSHIP CITY OF EAST ST. LOUIS, ILLINOIS TOWNSHIP 1 NORTH RANGE 9 WEST OF THE 3RD PRINCIPAL MERIDIAN

SUMMARY OF QUANTITIES

2000

CODE NO.	ITEM	UNITS	TOTAL
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5872
40600300	AGGREGATE (PRIME COAT)	TON	157
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	6273
40600895	CONSTRUCTING TEST STRIP	EACH	1
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	8769
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4"	SO FT	16595
42400800	DETECTABLE WARNINGS	SO FT	528
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	78291
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1947
44000600	SIDEWALK REMOVAL	SO FT	16604
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	62
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	120
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	3168
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	41684
56109210	* WATERVALVES TO BE ADJUSTED	EACH	30
60255500	* MANHOLES TO BE ADJUSTED	EACH	10
60262700	* INLETS TO BE RECONSTRUCTED	EACH	7
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1947.0
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	22845
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	167
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	38945
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1137
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	21880
78000100	* THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	167
78000200	* THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	38945
78000400	* THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2789
78000600	* THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1137
88600100	* DETECTOR LOOP, TYPE I	FOOT	2780
X0322468	* GAS VALVE TO BE ADJUSTED	EACH	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

MIXTURE TABLES

LOCATION:	STATE STREET
MIXTURE USE:	SURFACE COURSE
PG:	PG 64-22
RAP %:	10%
DESIGN AIR VOIDS:	4% @ N _{DESIGN} = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-12.5
FRICTION AGGREGATE:	MIXTURE D
MIXTURE WEIGHT:	112 LB/SQ YD/IN

LOCATION:	STATE STREET
MIXTURE USE:	LEVELING BINDER COURSE
PG:	PG 64-22
RAP %:	10%
DESIGN AIR VOIDS:	4% @ N _{DESIGN} = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5
FRICTION AGGREGATE:	C MIX
MIXTURE WEIGHT:	112 LB/SQ YD/IN

LOCATION:	STATE STREET
MIXTURE USE:	PATCHING
PG:	PG 64-22
RAP %:	10%
DESIGN AIR VOIDS:	4% @ N _{DESIGN} = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-19.0
FRICTION AGGREGATE:	B BINDER
MIXTURE WEIGHT:	112 LB/SQ YD/IN

* SPECIALTY ITEM

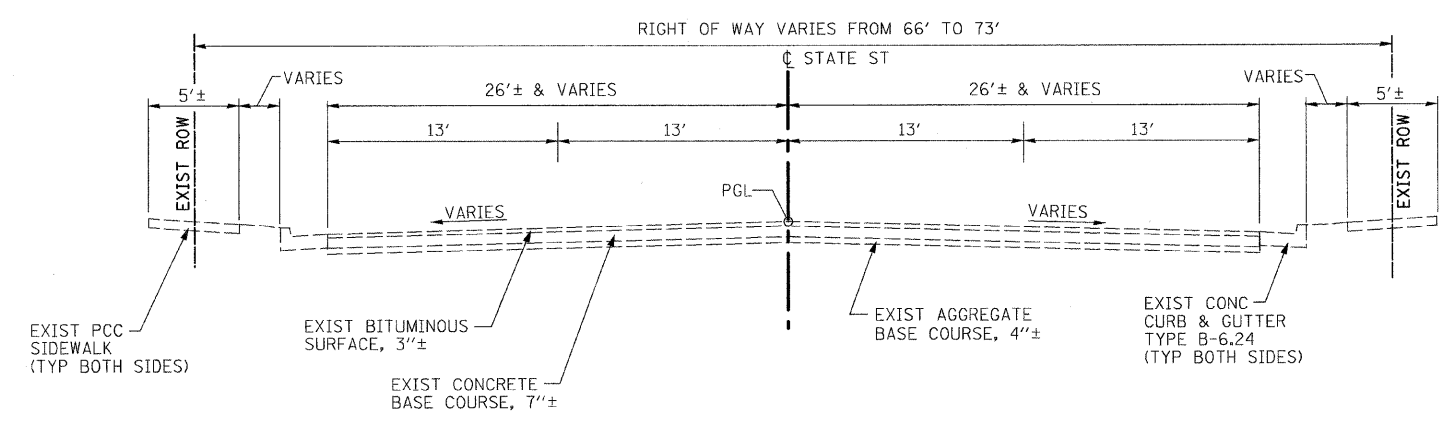
REVISIONS	
NAME	DATE

CITY OF EAST ST. LOUIS
**GENERAL NOTES
 AND
 SUMMARY OF QUANTITIES**
 SCALE: VERT. _____
 HORIZ. _____
 DATE: 05/28/09
 DRAWN BY: JJC
 CHECKED BY: MAR

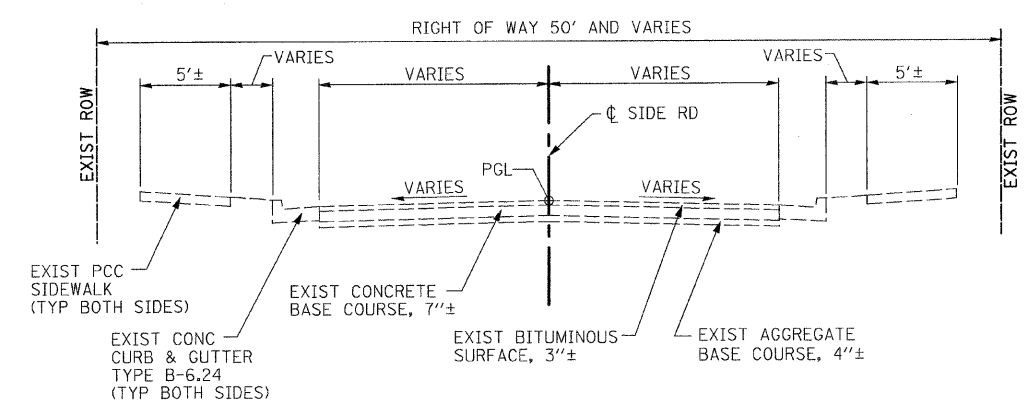
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 FILE NAME = FILEL
 PLOT SCALE = ESCALE
 USER NAME = USER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		

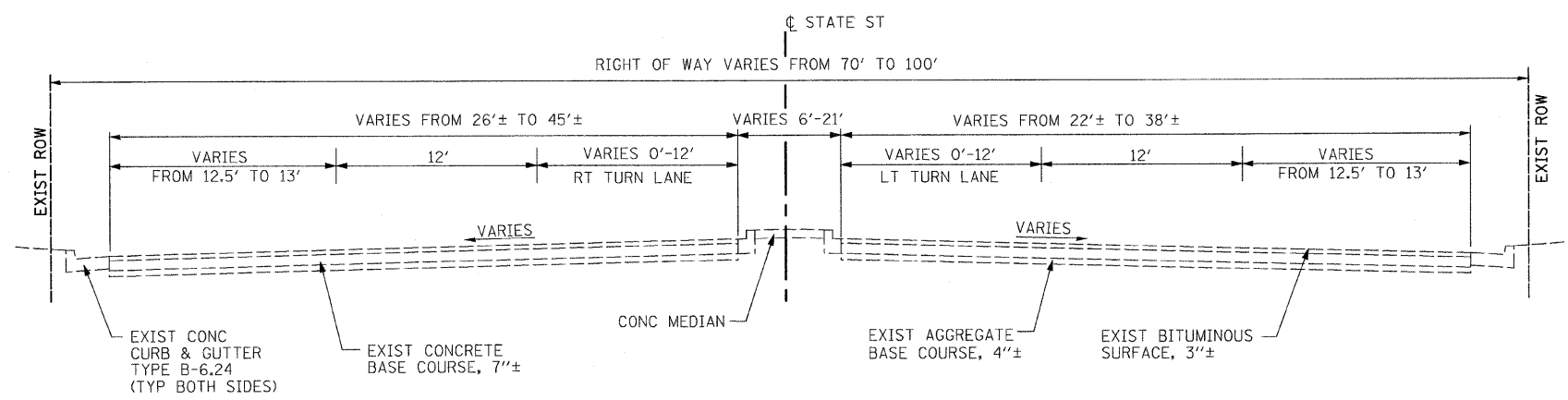
CONTRACT NO. 97386



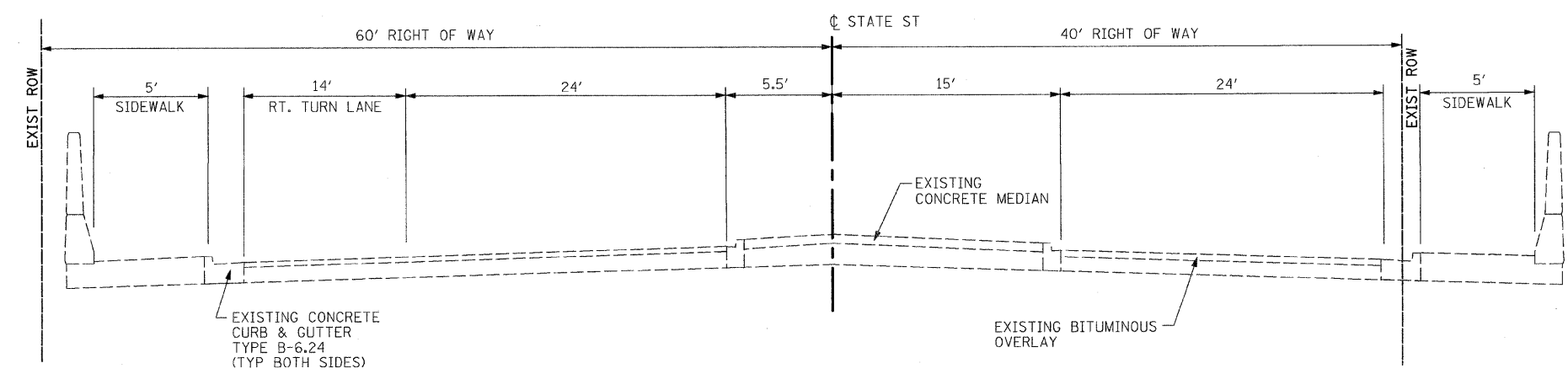
EXISTING TYPICAL ROADWAY SECTION
 STA 100+85.00 TO STA 154+70.00
 STA 184+00.00 TO STA 251+00.00



EXISTING TYPICAL SIDEROAD SECTION



EXISTING TYPICAL ROADWAY SECTION
 STA 154+70.00 TO STA 175+28.30
 STA 176+30.00 TO STA 184+00.00



EXISTING TYPICAL BRIDGE SECTION
 STA 175+28.30 TO STA 176+30.00

REVISIONS	
NAME	DATE

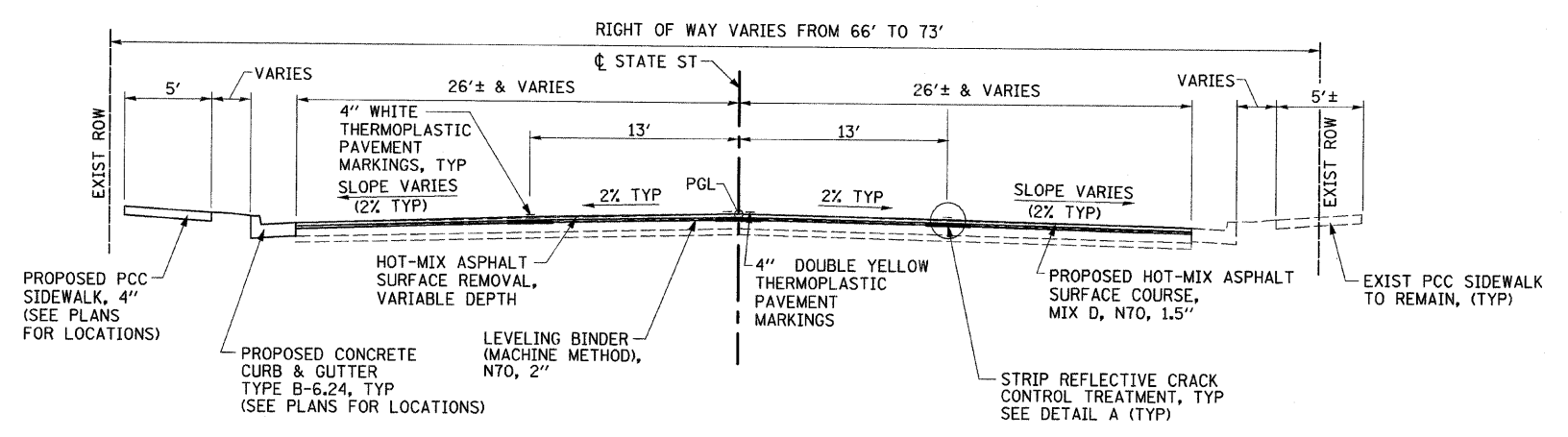
CITY OF EAST ST. LOUIS

EXISTING TYPICAL SECTIONS

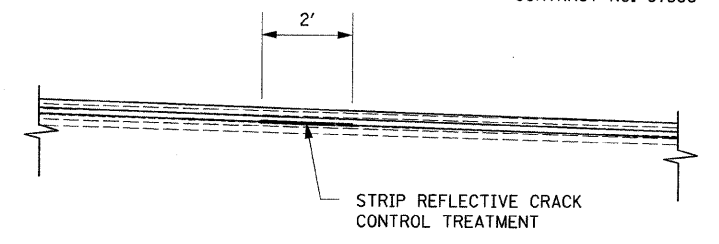
SCALE: VERT. NO SCALE
 DATE: 05/28/09

DRAWN BY: UJ
 CHECKED BY: JJC

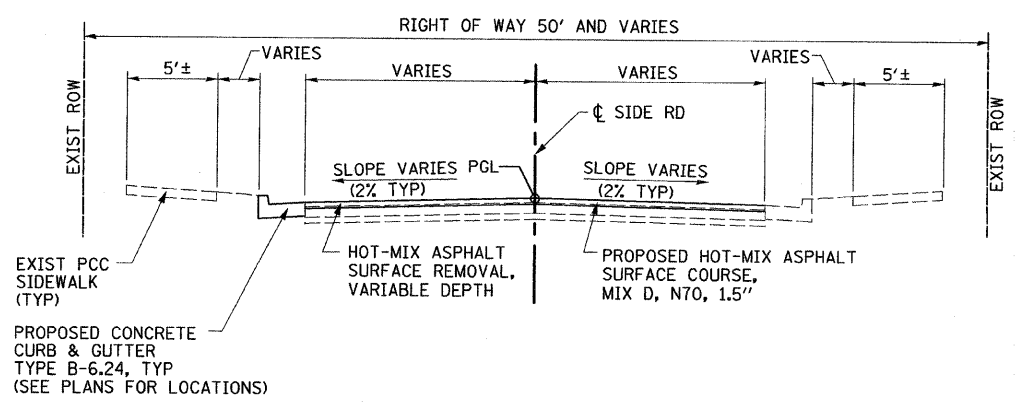
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9182	05-00186-07-FP	St. CLAIR	47	4
STA.		TO STA.		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97386				



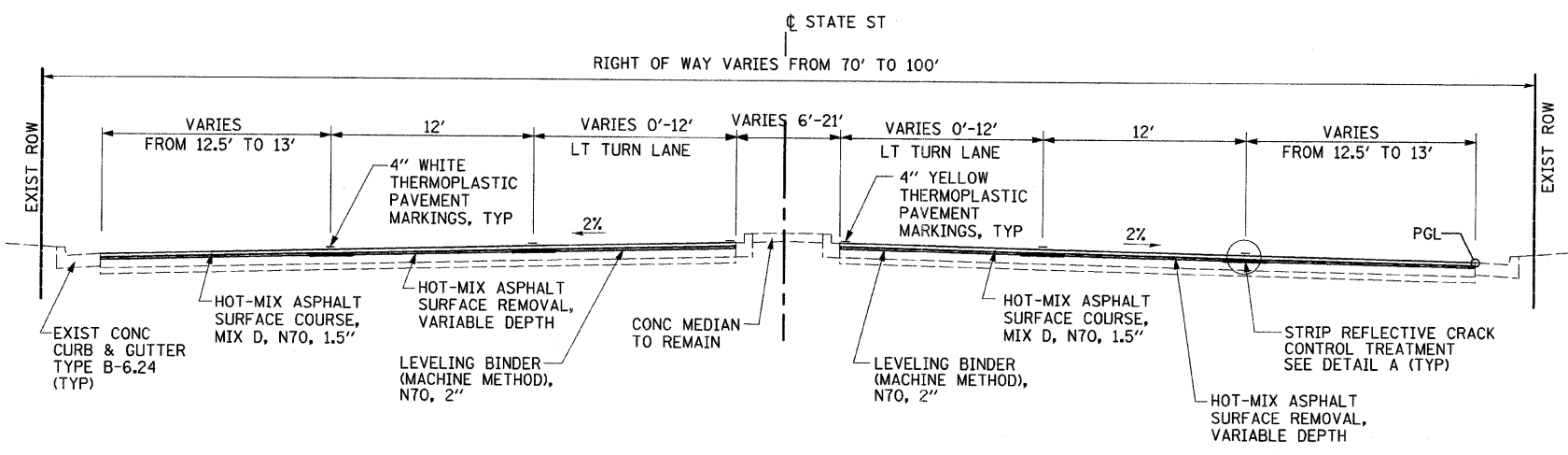
PROPOSED TYPICAL ROADWAY SECTION
 STA 100+85.00 TO STA 154+70.00
 STA 184+00.00 TO STA 206+50.00
 STA 226+00.00 TO STA 251+00.00



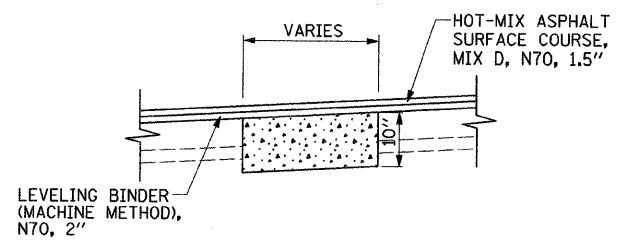
DETAIL A



PROPOSED TYPICAL SIDEROAD SECTION



PROPOSED TYPICAL ROADWAY SECTION
 STA 154+70.00 TO STA 175+28.21
 STA 176+30.00 TO STA 184+00.00



CLASS D PATCHING DETAIL

REVISIONS	
NAME	DATE

CITY OF EAST ST. LOUIS

PROPOSED TYPICAL SECTIONS

SCALE: VERT. DRAWN BY: UJ
 HORIZ. NO SCALE CHECKED BY: JJC
 DATE: 05/28/09

SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-PP	ST. CLAIR	47	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97386				

STATE ST	Thick(in)	TON
100+85.00 to 184+00.00	1.5	4040.4
184+00.00 to 206+50.00	1.5	1073.9
226+00.00 to 251+00.00	1.5	1158.9
Total		6273

Begin Station	End Station	Side	SQ FT
STATE ST			
107+39.00		Lt	28.4
107+41.00		Rt	65.1
107+75.00		Rt	32.3
113+82.00		Rt	36.5
116+33.00		Lt	81.1
116+84.00		Lt	82.5
137+21.00		Lt	32.5
137+63.00		Lt	35.4
143+85.00		Lt	43.5
144+20.00		Lt	47.5
146+85.00		Lt	37.6
147+22.00		Rt	55.5
147+70.00		Lt	62.3
147+88.00		Rt	68.6
154+15.00		Lt	31.7
154+54.25 to 158+83.90		Lt	2121.6
184+63.00		Lt	34.8
187+85.00		Lt	40.1
188+24.00		Lt	48.1
193+01.00 to 194+10.00		Lt	552.6
194+38.00 to 196+97.00		Lt	1290.9
197+27.00 to 200+03.00		Lt	1368.5
199+85.00		Lt	22.8
199+85.00		Rt	25.6
200+41.00		Lt	27.5
201+45.00		Rt	35.2
202+05.00		Rt	41.3
203+16.00		Lt	35.3
203+56.00		Lt	37.5
206+11.00		Lt	49.1
206+45.00		Lt	50.3
226+00.00 to 228+00.00		Lt	1007.1
228+64.00 to 231+52.00		Lt	1444.0
229+96.00		Rt	41.5
231+92.00 to 235+30.00		Lt	1710.7
232+90.00		Rt	36.0
233+20.00		Rt	40.1
238+01.00 to 239+16.00		Lt	532.0
239+49.00 to 242+90.00		Lt	1723.4
243+32.00 to 246+74.00		Lt	1715.8
246+13.00		Rt	36.5
246+48.00		Rt	38.5
247+12.00 to 250+55.00		Lt	1711.7
250+93.00		Lt	35.9
Total			16595

STATE ST	Offset	Side	SQ FT
Station			
101+29.31	31.2	RT	6
101+69.95	31.5	RT	6
107+33.04	30.6	RT	6
107+35.56	32.6	LT	6
107+39.21	35.5	RT	6
107+76.42	36.4	RT	6
110+43.74	31.7	RT	6
110+80.49	32.9	RT	6
113+50.66	33.4	RT	6
113+86.09	33.3	RT	6
116+24.93	30.6	LT	6
116+46.19	32.6	RT	6
116+81.94	30.7	LT	6
116+94.98	31.3	RT	6
137+19.02	39.6	LT	6
137+58.72	39.4	LT	6
140+59.06	41.6	LT	6
140+89.60	44.4	LT	6
143+79.41	31.7	LT	6
144+25.70	31.5	LT	6
146+85.23	31.3	LT	6
147+20.47	36.4	RT	6
147+70.87	34.6	LT	24
147+91.81	40.9	RT	24
154+17.37	42.6	LT	6
154+58.97	37.6	LT	6
158+79.03	40.8	LT	6
159+24.07	41.6	LT	6
162+74.78	73.0	LT	6
162+92.28	55.6	LT	6
163+09.33	54.1	LT	6
163+63.63	53.9	LT	6
163+80.09	57.0	LT	6
164+02.25	73.5	LT	6
173+28.21	72.1	LT	6
173+47.84	52.8	LT	6
173+64.00	53.7	LT	6
174+39.46	53.0	LT	6
174+47.74	48.8	LT	6
174+66.20	69.9	LT	6
184+18.48	39.4	LT	6
184+64.20	35.2	LT	6
187+88.38	31.6	LT	6
188+29.16	32.0	LT	6
191+18.05	34.0	LT	6
191+53.06	36.7	LT	6
194+08.40	35.3	LT	6
194+39.64	35.2	LT	6
196+93.38	34.9	LT	6
197+26.84	35.7	LT	6
199+86.46	29.6	LT	6
199+86.62	28.8	RT	6
200+00.33	35.8	LT	6
200+41.58	35.7	LT	6
201+42.84	35.3	RT	6
202+07.71	35.7	RT	6
203+15.04	36.2	LT	6
203+57.72	35.6	LT	6
206+11.51	33.6	LT	12
206+45.23	34.0	LT	12
228+13.59	34.9	LT	6
228+48.79	34.9	LT	6
229+64.05	34.7	RT	6
229+97.17	35.6	RT	6
231+50.66	34.9	LT	6
231+92.77	35.7	LT	6
232+89.52	35.5	RT	6
233+21.70	35.5	RT	6
235+31.37	36.1	LT	6
235+74.19	35.7	LT	6
239+12.85	35.4	LT	6
239+50.76	34.7	LT	6
242+93.39	35.5	LT	6
243+32.95	35.7	LT	6
246+13.71	35.9	RT	6
246+55.95	32.9	RT	6
246+73.48	36.3	LT	6
247+13.26	36.2	LT	6
250+52.64	35.6	LT	6
250+93.84	35.1	LT	6
Total			528

Begin Station	End Station	Side	SQ FT
STATE ST			
107+39.00		Lt	28.4
107+41.00		Rt	65.1
107+75.00		Rt	32.3
113+82.00		Rt	36.5
116+33.00		Lt	81.1
116+84.00		Lt	82.5
137+21.00		Lt	32.5
137+63.00		Lt	35.4
143+85.00		Lt	43.5
144+20.00		Lt	47.5
146+85.00		Lt	37.6
147+22.00		Rt	55.5
147+70.00		Lt	62.3
147+88.00		Rt	68.6
154+15.00		Lt	31.7
154+54.25 to 158+83.90		Lt	2121.6
184+63.00		Lt	34.8
187+85.00		Lt	40.1
188+24.00		Lt	48.1
193+01.00 to 194+10.00		Lt	552.6
194+38.00 to 196+97.00		Lt	1290.9
197+27.00 to 200+03.00		Lt	1380.4
199+85.00		Lt	22.8
199+85.00		Rt	25.6
200+41.00		Lt	27.5
201+45.00		Rt	35.2
202+05.00		Rt	41.3
203+16.00		Lt	35.3
203+56.00		Lt	37.5
206+11.00		Lt	49.1
206+45.00		Lt	50.3
226+00.00 to 228+00.00		Lt	1007.1
228+64.00 to 231+52.00		Lt	1441.1
229+96.00		Rt	41.5
231+92.00 to 235+30.00		Lt	1710.7
232+90.00		Rt	36.0
233+20.00		Rt	40.1
238+01.00 to 239+16.00		Lt	532.0
239+49.00 to 242+90.00		Lt	1723.4
243+32.00 to 246+74.00		Lt	1715.8
246+13.00		Rt	36.5
246+48.00		Rt	38.5
247+12.00 to 250+55.00		Lt	1711.7
250+93.00		Lt	35.9
Total			16604

STATE ST	Side	SQ YD
102+80.00 to 104+80.00	Rt	111.1
103+60.00 to 104+50.00	Lt	50.0
106+30.00 to 106+90.00	Lt	33.3
107+20.00 to 109+30.00	Lt	140.0
116+87.00 to 117+00.00	Rt	1
109+20.00 to 110+10.00	Lt	50.0
112+50.00 to 113+00.00	Lt	27.8
114+90.00 to 115+60.00	Lt	46.7
117+00.00 to 117+60.00	Rt	40.0
120+20.00 to 122+50.00	Lt	255.6
51st Street North	Lt	34.0
123+60.00 to 124+30.00	O	62.2
52nd Street North	Lt	62.0
126+30.00 to 129+50.00	CL	853.3
146+89.73 to 148+80.00	Rt	27.8
147+79.10 to 148+00.00	Lt	31.3
148+40.00 to 148+90.00	Lt	44.4
150+50.00 to 152+50.00	Lt	111.1
150+50.00 to 154+00.00	Rt	233.3
187+70.00 to 188+40.00	Lt	74.8
191+65.00 to 192+15.00	Lt	27.8
192+60.00 to 193+10.00	Lt	27.8
194+00.00 to 194+50.00	Lt	27.8
196+85.00 to 197+36.00	Lt	28.3
199+95.00 to 201+75.00	Lt	80.0
203+00.00 to 203+70.00	Lt	31.1
229+55.00 to 229+95.00	Rt	26.7
229+95.00 to 230+10.00	Rt	26.7
82nd Street North	Lt	58.3
232+40.00 to 233+30.00	Rt	40.0
233+95.00 to 234+35.00	Lt	44.4
235+20.00 to 235+90.00	Lt	46.7
238+20.00 to 238+30.00	Rt	42.2
239+00.00 to 239+18.00	CL	104.0
239+18.00 to 239+50.00	Rt	64.0
84th Street North	Lt	54.0
242+80.00 to 243+40.00	Lt	33.3
246+65.00 to 247+20.00	Lt	25.0
247+45.00 to 247+70.00	CL	55.6
249+20.00 to 249+70.00	Rt	33.3
Total		3168

STATE ST	Station	Offset	Side	EACH
	101+45.19	38.77'	RT	1
	107+84.50	33.07'	LT	1
	116+59.42	35.62'	RT	1
	116+87.00	35.31'	RT	1
	120+39.07	29.63'	LT	1
	120+63.81	27.91'	LT	1
	120+83.34	36.04'	LT	1
	123+82.59	29.33'	LT	1
	127+32.77	34.07'	LT	1
	133+27.23	25.77'	LT	1
	140+98.62	25.96'	LT	1
	144+14.98	33.58'	LT	1
	146+87.11	31.48'	LT	1
	146+89.73	28.46'	LT	1
	147+79.10	26.84'	LT	2
	150+67.66	30.13'	LT	1
	154+40.59	34.22'	RT	1
	184+63.49	32.61'	LT	1
	194+33.57	33.87'	LT	1
	197+16.59	30.57'	LT	1
	203+50.58	30.21'	LT	1
	233+15.73	17.58'	RT	1
	235+37.63	12.30'	RT	1
	239+11.57	15.80'	RT	1
	242+79.88	20.89'	RT	1
	243+26.86	17		

SCHEDULE OF QUANTITIES

CONTRACT NO.			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
9182	05-00186-07-FP	ST. CLAIR	47
STA.	TO STA.		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97386			

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

Begin Station	End Station	Side	FOOT
STATE ST			
117+00.00	to 117+60.00	Rt	60.0
118+50.00	to 120+00.00	Rt	150.0
120+20.00	to 120+45.00	Lt	25.0
121+00.00	to 122+50.00	Lt	150.0
125+20.00	to 125+80.00	Lt	60.0
128+00.00	to 128+60.00	Lt	60.0
136+30.00	to 137+06.00	Lt	76.0
137+06.00	to 137+22.38	Lt	25.0
148+15.00	to 149+50.00	Rt	135.0
148+40.00	to 149+30.00	Lt	90.0
184+00.00	to 187+30.00	Rt	330.0
184+80.00	to 186+50.00	Lt	170.0
188+18.41	to 188+40.00	Lt	28.0
190+20.00	to 190+80.00	Rt	60.0
192+18.00	to 193+20.00	Rt	102.0
194+34.34	to 194+50.00	Lt	28.0
194+50.00	to 195+25.00	Lt	75.0
232+35.00	to 232+90.00	Lt	55.0
235+20.00	to 235+36.47	Lt	25.0
239+45.73	to 239+60.61	Lt	23.0
247+90.00	to 250+10.00	Lt	220.0
Total			1947.0

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

STATE STREET	Each	Sq Ft	SQ FT
LEFT TURN ARROWS	15	8.8	132
RIGHT TURN ARROWS	4	8.8	35.2
Total			167.2

SHORT-TERM PAVEMENT MARKING

STATE STREET	FOOT	
4" White Skip Dash		
100+85.00 to 184+00.00	4' line with 40' spacing 1511.8	
184+00.00 to 206+50.00	409.1	
226+00.00 to 251+00.00	454.5	
4" Double Yellow		
	20469.6	
Total		22845

WORK ZONE PAVEMENT MARKING REMOVAL

STATE STREET	SQ FT	
SHORT-TERM PAVEMENT MARKING		
	7607.4	
TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS		
	167.2	
TEMPORARY PAVEMENT MARKING - LINE 4"		
	12968.7	
TEMPORARY PAVEMENT MARKING - LINE 12"		
	1137.0	
Total		21880

TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS

STATE STREET	Each	Sq Ft	SQ FT
LEFT TURN ARROWS	15	8.8	132
RIGHT TURN ARROWS	4	8.8	35.2
Total			167.2

TEMPORARY PAVEMENT MARKING - LINE 4"

STATE STREET	FOOT	
4" DOUBLE YELLOW		
100+85.00 to 107+27.00	CL 1284	
108+00.00 to 141+67.00	CL 6734	
141+67.00 to 143+71.00	LT/RT 816	
143+71.00 to 143+74.00	CL 20	
144+42.00 to 144+50.00	CL 20	
144+48.00 to 145+57.00	LT/RT 218	
144+48.00 to 146+82.00	CL 468	
148+07.00 to 150+52.00	RT 490	
149+32.00 to 150+52.00	LT/RT 240	
150+52.00 to 150+62.00	CL 20	
151+11.00 to 151+19.00	CL 20	
151+19.00 to 153+17.00	LT/RT 792	
153+17.00 to 154+70.00	CL 306	
183+86.21 to 190+84.00	CL 1396	
191+68.00 to 199+79.00	CL 1622	
200+51.00 to 201+23.00	CL 144	
202+10.00 to 206+50.00	CL 880	
226+00.00 to 251+00.00	CL 5000	
4" YELLOW		
154+70.00 to 157+31.00	CL 1054	
157+77.00 to 158+95.00	CL 505	
159+30.00 to 162+92.00	CL 1470	
163+66.00 to 173+65.00	CL 3912	
174+47.00 to 175+33.00	CL 343	
176+35.00 to 177+08.00	CL 333	
177+56.00 to 183+86.00	CL 2532	
4" WHITE		
145+57.00 to 146+92.00	RT 135	
148+02.00 to 149+32.00	LT 130	
160+50.00 to 162+84.00	RT 234	
163+72.00 to 166+86.73	LT 315	
169+24.00 to 173+59.00	RT 435	
174+50.00 to 177+59.00	LT 309	
177+69.00 to 179+68.00	LT 199	
4" WHITE SKIP DASH		
100+85.00 to 107+27.00	LT/RT 321	
108+00.00 to 146+68.00	LT/RT 1934	
144+48.00 to 145+57.00	RT 27	
148+14.00 to 162+84.00	LT/RT 735	
163+72.00 to 173+60.00	LT/RT 494	
149+32.00 to 150+52.00	LT 30	
159+50.00 to 160+50.00	RT 25	
166+86.73 to 169+74.71	LT 72	
167+73.00 to 169+23.00	RT 38	
174+50.00 to 184+00.00	LT/RT 475	
177+59.00 to 178+58.00	LT 25	
179+68.00 to 180+49.00	LT 20	
184+00.00 to 206+50.00	LT/RT 1125	
226+00.00 to 251+00.00	LT/RT 1250	
Total		38945

TEMPORARY PAVEMENT MARKING - LINE 12"

STATE STREET	FOOT	
12" WHITE STOP BAR		
101+53.23	RT 13	
104+53.99	RT 14	
107+27.24	RT 26	
107+59.38	LT 20	
107+59.38	RT 13	
108+00.00	LT 25	
110+63.50	RT 14	
113+71.74	RT 13	
116+74.43	RT 18	
120+69.91	LT 15	
120+75.97	RT 17	
123+95.03	LT 15	
124+00.54	RT 13	
127+20.63	LT 15	
133+05.00	LT 19	
137+57.81	LT 13	
140+87.71	LT 14	
140+93.89	RT 12	
144+12.68	LT 16	
144+19.15	RT 11	
146+82.11	LT 11	
146+92.11	RT 21	
148+02.31	LT 24	
148+07.31	RT 10	
150+78.80	RT 13	
150+89.98	LT 13	
154+33.97	RT 15	
154+44.16	LT 12	
159+04.00	LT 17	
162+84.00	RT 36	
163+72.00	LT 24	
173+59.00	RT 36	
174+50.00	LT 24	
184+47.17	LT 19	
188+06.64	LT 14	
190+84.00	LT 26	
191+37.33	LT 12	
191+68.00	RT 26	
194+26.06	LT 12	
197+14.11	LT 12	
199+79.00	RT 26	
200+23.23	LT 17	
200+51.00	LT 26	
201+23.00	RT 28	
201+75.34	RT 23	
202+10.00	LT 26	
203+38.25	LT 15	
203+38.25	RT 15	
206+34.00	LT 14	
228+37.04	LT 15	
229+79.55	RT 13	
231+72.02	LT 18	
233+06.22	RT 14	
235+52.80	LT 16	
239+32.07	LT 16	
242+85.33	RT 10	
243+13.55	LT 17	
246+35.92	RT 17	
246+93.39	LT 17	
249+45.11	RT 13	
250+74.78	LT 18	
59TH STREET		
12" WHITE STOP BAR		
49+49.70	0 25	
50+45.27	0 25	
50+62.81	0 39	
Total		1137

THERMOPLASTIC PAVEMENT MARKING - LINE 4"

STATE STREET	FOOT	
4" DOUBLE YELLOW		
100+85.00 to 107+27.00	CL 1284	
108+00.00 to 141+67.00	CL 6734	
141+67.00 to 143+71.00	LT/RT 816	
143+71.00 to 143+74.00	CL 20	
144+42.00 to 144+50.00	CL 20	
144+48.00 to 145+57.00	LT/RT 218	
144+48.00 to 146+82.00	CL 468	
148+07.00 to 150+52.00	RT 490	
149+32.00 to 150+52.00	LT/RT 240	
150+52.00 to 150+62.00	CL 20	
151+11.00 to 151+19.00	CL 20	
151+19.00 to 153+17.00	LT/RT 792	
153+17.00 to 154+70.00	CL 306	
183+86.21 to 190+84.00	CL 1396	
191+68.00 to 199+79.00	CL 1622	
200+51.00 to 201+23.00	CL 144	
202+10.00 to 206+50.00	CL 880	
226+00.00 to 251+00.00	CL 5000	
4" YELLOW		
154+70.00 to 157+31.00	CL 1054	
157+77.00 to 158+95.00	CL 505	
159+30.00 to 162+92.00	CL 1470	
163+66.00 to 173+65.00	CL 3912	
174+47.00 to 175+33.00	CL 343	
176+35.00 to 177+08.00	CL 333	
177+56.00 to 183+86.00	CL 2532	
4" WHITE		
145+57.00 to 146+92.00	RT 135	
148+02.00 to 149+32.00	LT 130	
160+50.00 to 162+84.00	RT 234	
163+72.00 to 166+86.73	LT 315	
169+24.00 to 173+59.00	RT 435	
174+50.00 to 177+59.00	LT 309	
177+69.00 to 179+68.00	LT 199	
4" WHITE SKIP DASH		
100+85.00 to 107+27.00	LT/RT 321	
108+00.00 to 146+68.00	LT/RT 1934	
144+48.00 to 145+57.00	RT 27	
148+14.00 to 162+84.00	LT/RT 735	
163+72.00 to 173+60.00	LT/RT 494	
149+32.00 to 150+52.00	LT 30	
159+50.00 to 160+50.00	RT 25	
166+86.73 to 169+74.71	LT 72	
167+73.00 to 169+23.00	RT 38	
174+50.00 to 184+00.00	LT/RT 475	
177+59.00 to 178+58.00	LT 25	
179+68.00 to 180+49.00	LT 20	
184+00.00 to 206+50.00	LT/RT 1125	
226+00.00 to 251+00.00	LT/RT 1250	
Total		38945

THERMOPLASTIC PAVEMENT MARKING - LINE 12"

STATE STREET	FOOT	
12" WHITE STOP BAR		
101+53.23	RT 13	
104+53.99	RT 14	
107+27.24	RT 26	
107+59.38	LT 20	
107+59.38	RT 13	
108+00.00	LT 25	
110+63.50	RT 14	
113+71.74	RT 13	
116+74.43	RT 18	
120+69.91	LT 15	
120+75.97	RT 17	
123+95.03	LT 15	
124+00.54	RT 13	
127+20.63	LT 15	
133+05.00	LT 19	
137+57.81	LT 13	
137+57.81	LT 19	
140+87.71	LT 14	
140+93.89	RT 12	
144+12.68	LT 16	
144+19.15	RT 11	
146+82.11	LT 11	
146+92.11	RT 21	
148+02.31	LT 24	
148+07.31	RT 10	
150+78.80	RT 13	
150+89.98	LT 13	
154+33.97	RT 15	
154+44.16	LT 12	
159+04.00	LT 17	
162+84.00	RT 36	
163+72.00	LT 24	
173+59.00	RT 36	
174+50.00	LT 24	
184+47.17	LT 19	
188+06.64	LT 14	
190+84.00	LT 26	
191+37.33	LT 12	
191+68.00	RT 26	
194+26.06	LT 12	
197+14.11	LT 12	
199+79.00	RT 26	
200+23.23	LT 17	
200+51.00	LT 26	
201+23.00	RT 28	
201+75.34	RT 23	
202+10.00	LT 26	
203+38.25	LT 15	
203+38.25	RT 15	
206+34.00	LT 14	
228+37.04	LT 15	
229+79.55	RT 13	
231+72.02	LT 18	
233+06.22	RT 14	
235+52.80	LT 16	
239+32.07	LT 16	
242+85.33	RT 10	
243+13.55	LT 17	
246+35.92	RT 17	
246+93.39	LT 17	
249+45.11	RT 13	
250+74.78	LT 18	
59TH STREET		
12" WHITE STOP BAR		
49+49.70	0 25	
50+45.27	0 25	
50+62.81	0 39	
Total		1137

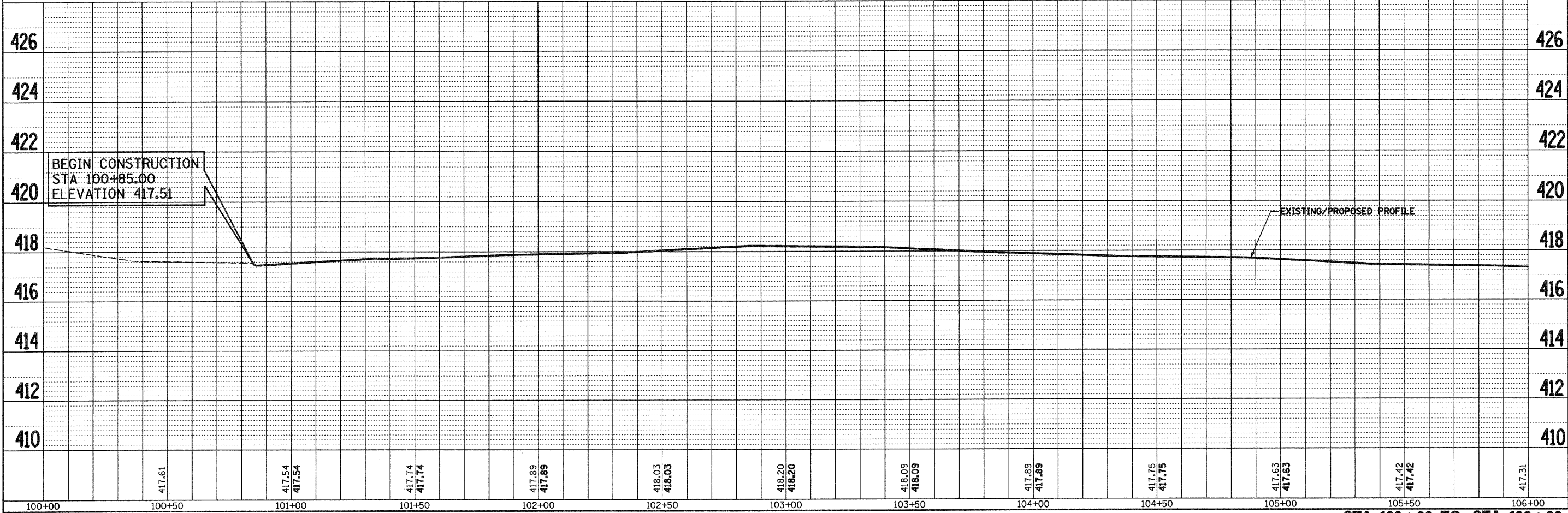
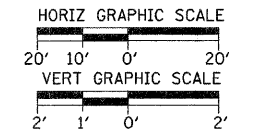
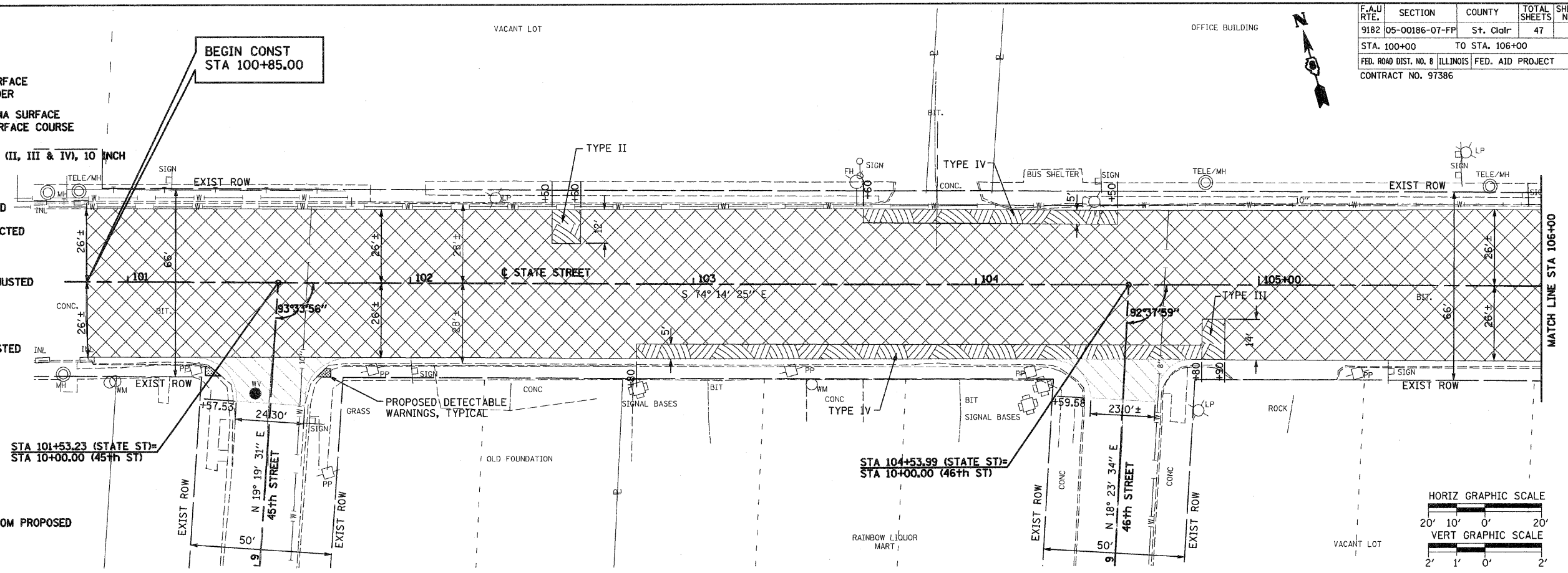
THERMOPLASTIC PAVEMENT MARKING - LINE 6"

STATE STREET	FOOT
6" WHITE CROSS-WALK	
101+53.23	RT 74
107+28.00	RT/LT 113
107+59.38	RT 57
110+63.50	RT 71
113+71.74	RT 65
116+74.43	RT 95</

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	St. Clair	47	7
STA. 100+00		TO STA. 106+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				

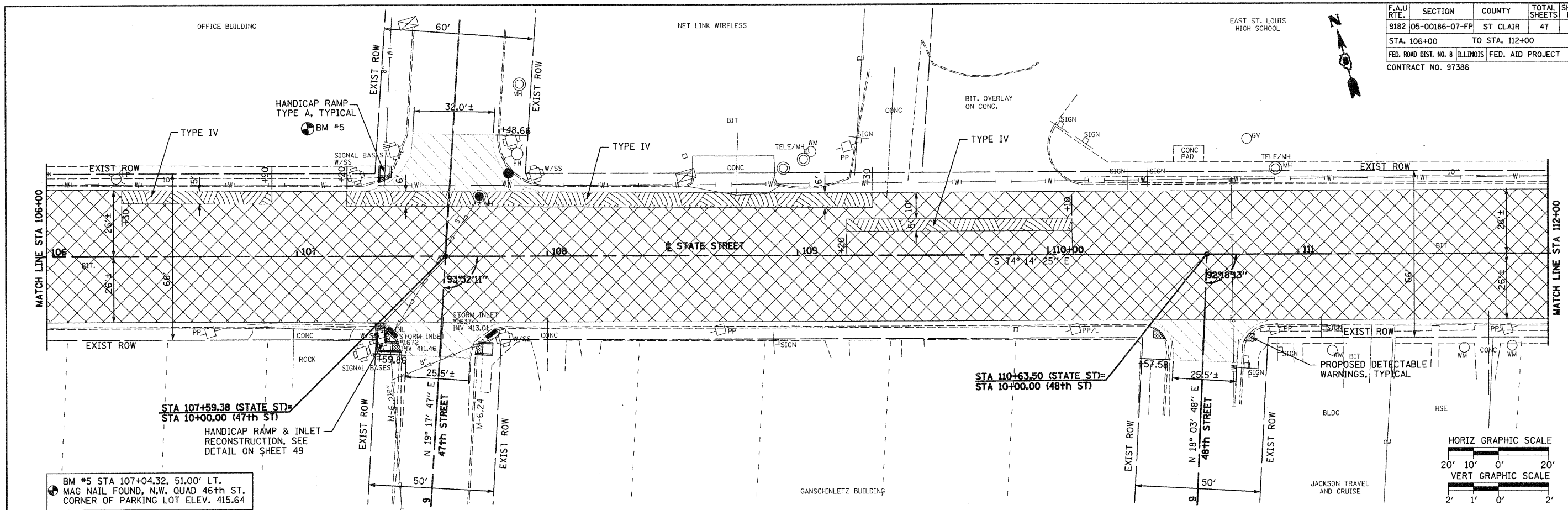
- LEGEND**
- LIMITS OF HMA SURFACE REMOVAL & NEW HMA SURFACE COURSE + LEVELING BINDER
 - LIMITS OF SIDE ROAD HMA SURFACE REMOVAL & NEW HMA SURFACE COURSE
 - CLASS D PATCHES, TYPE III, III & IV, 10 INCH
 - EXISTING MANHOLE
 - MANHOLE TO BE ADJUSTED
 - INLET TO BE RECONSTRUCTED
 - EXISTING WATER VALVE
 - WATER VALVE TO BE ADJUSTED
 - EXISTING GAS VALVE
 - GAS VALVE TO BE ADJUSTED
 - EXISTING FIRE HYDRANT
 - EXISTING LIGHT POLE
 - EXISTING UTILITY POLE
 - EXISTING SIGN

NOTES:
 1. PROTECT ALL ENTRANCES FROM PROPOSED CONSTRUCTION.

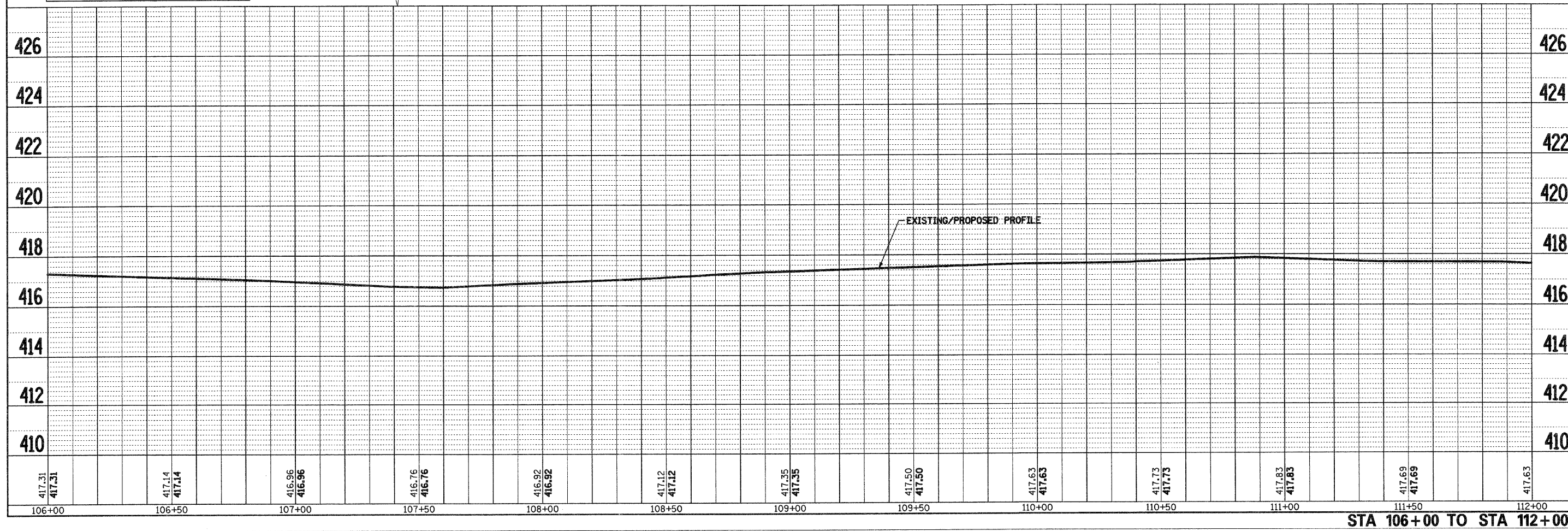
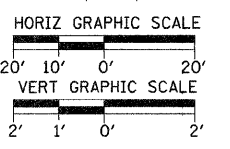


STA. 100+00 TO STA. 106+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	8
STA. 106+00		TO STA. 112+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				

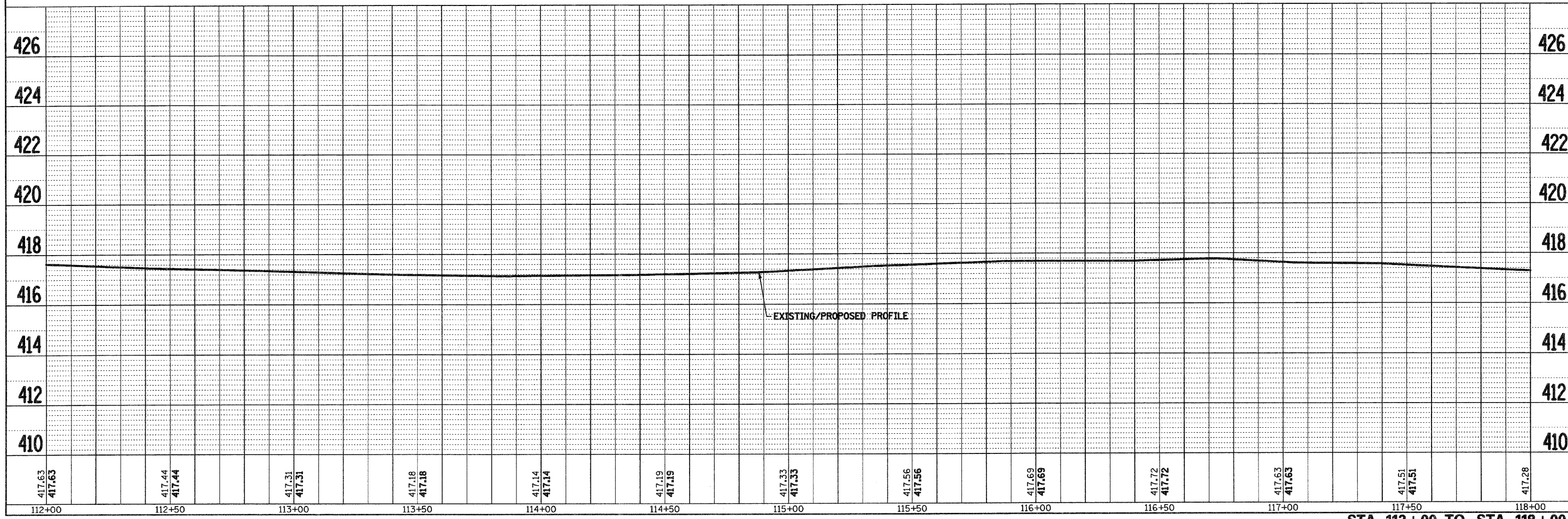
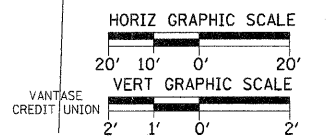
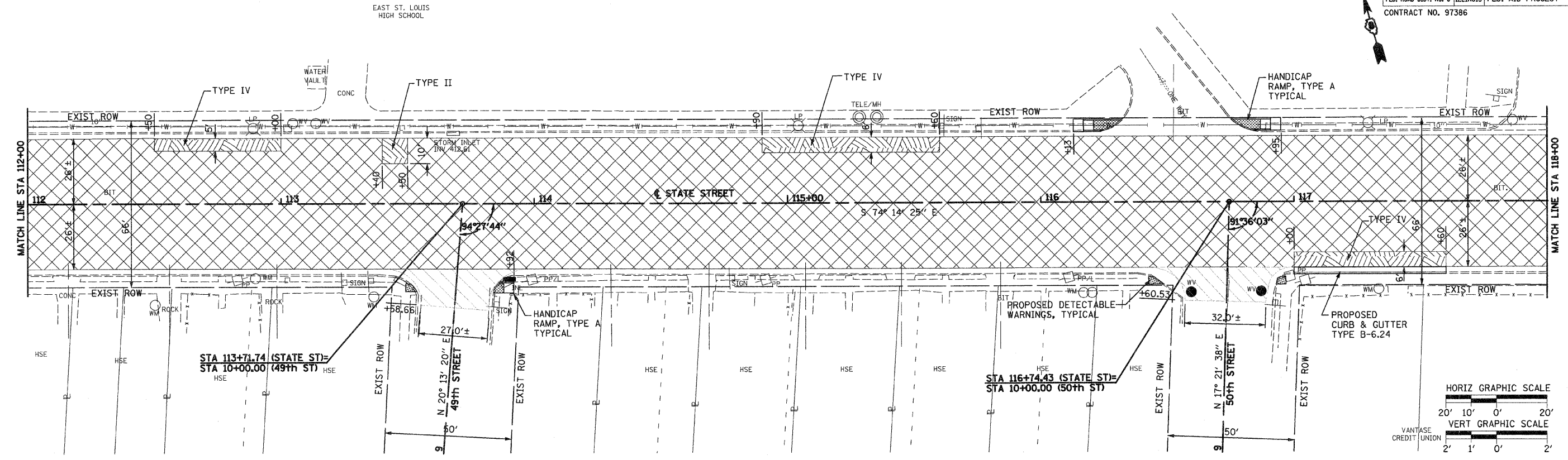


BM #5 STA 107+04.32, 51.00' LT.
 MAG NAIL FOUND, N.W. QUAD 46th ST.
 CORNER OF PARKING LOT ELEV. 415.64



STA 106+00 TO STA 112+00

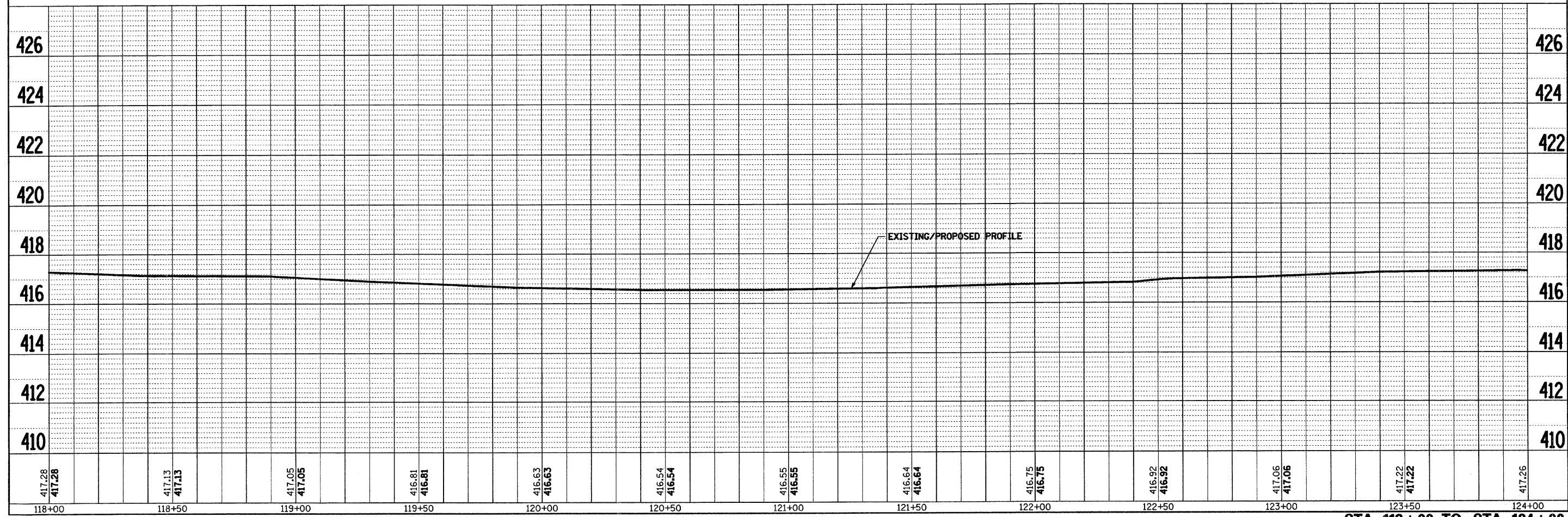
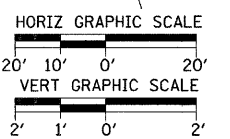
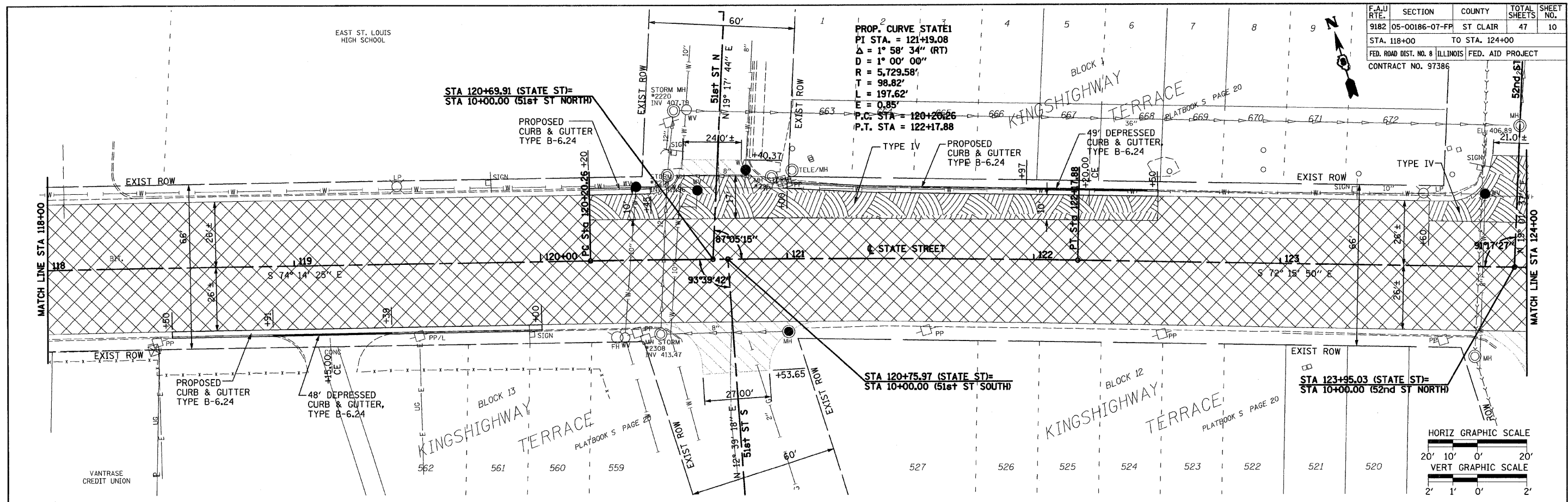
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST. CLAIR	47	9
STA. 112+00		TO STA. 118+00		
FED. ROAD DIST. NO. 8		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 97386				



STA 112+00 TO STA 118+00

15000 1/8" = 1' 11/16" 5/27/2005 R. ARE. 10 PM

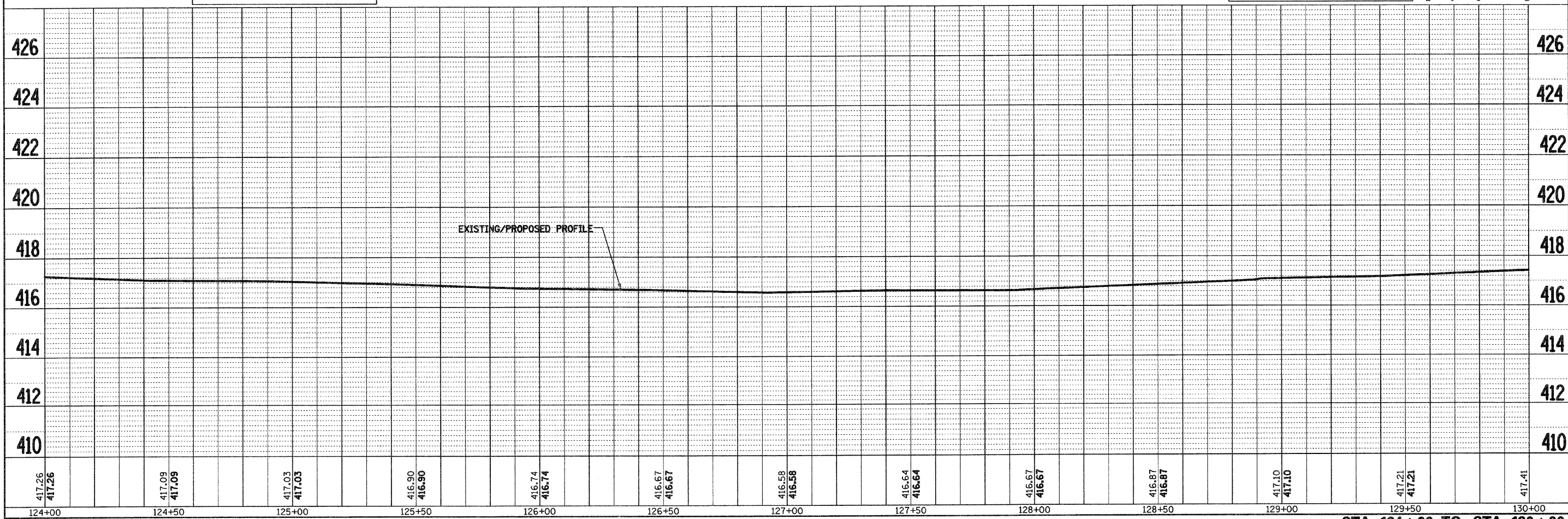
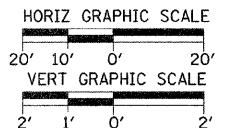
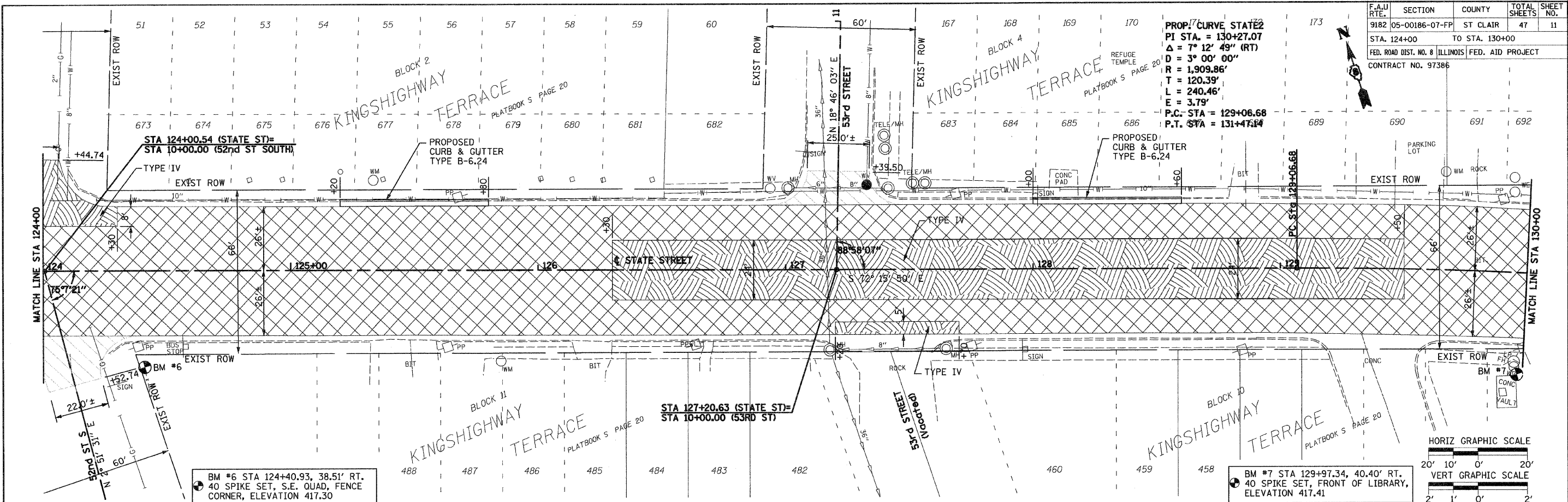
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9182	05-00186-07-FF	ST. CLAIR	47	10
STA. 118+00		TO STA. 124+00		
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				
CONTRACT NO. 97386				



STA 118+00 TO STA 124+00

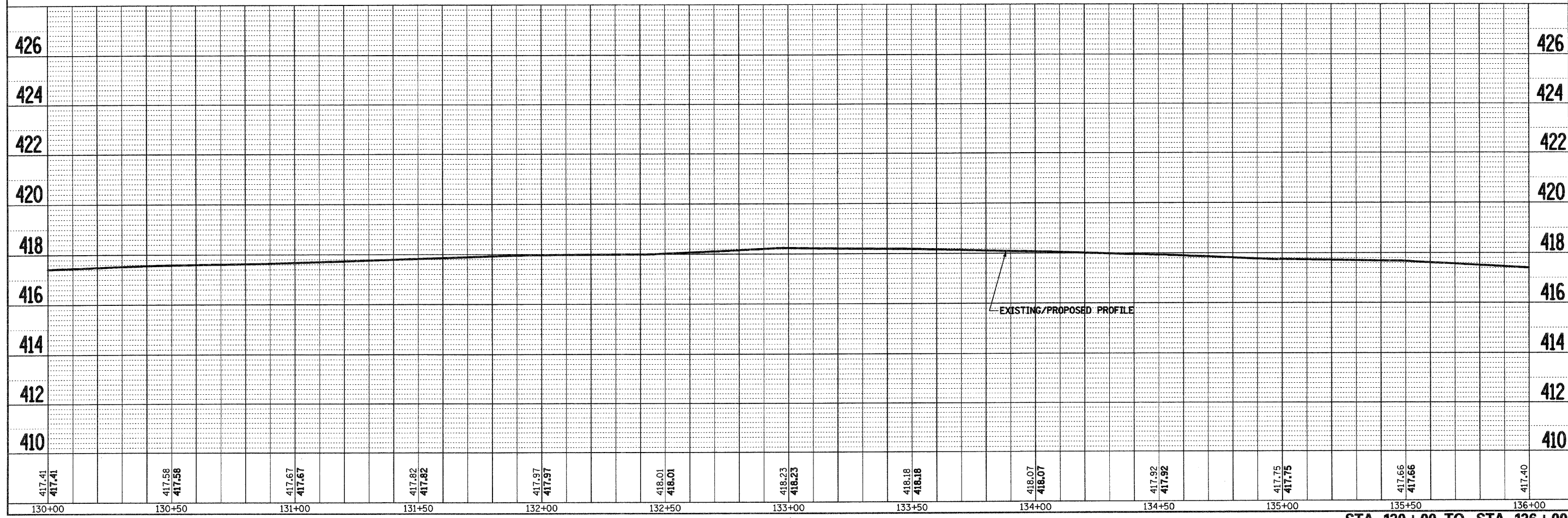
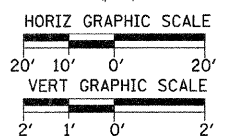
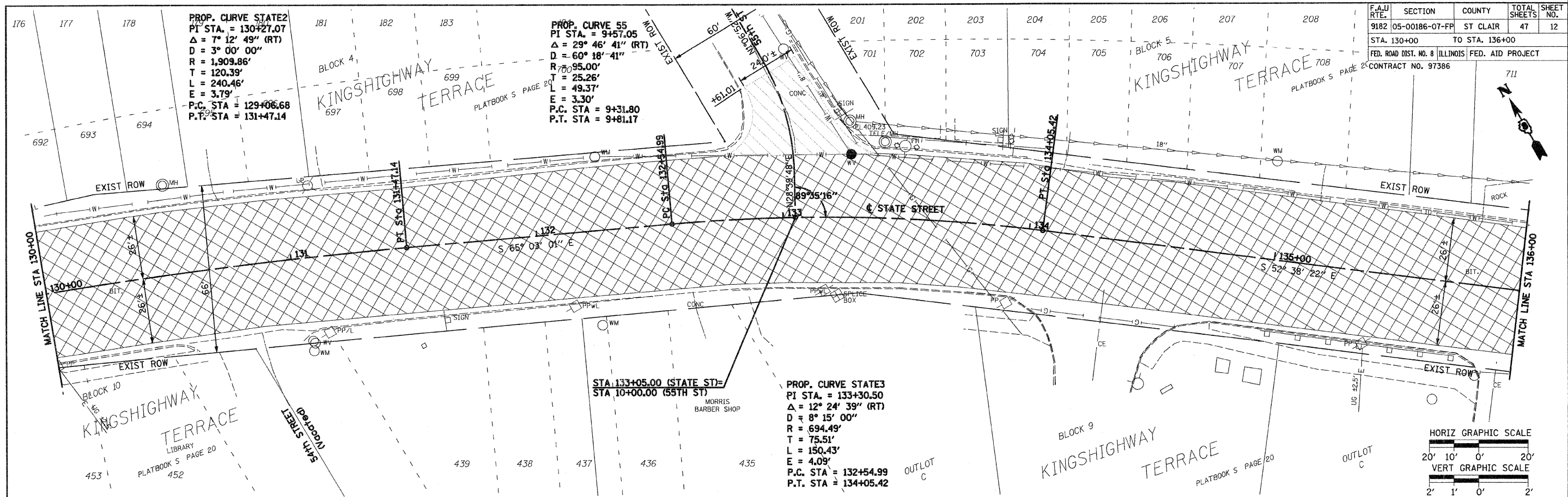
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	11
STA. 124+00		TO STA. 130+00		
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				
CONTRACT NO. 97386				

PROP. CURVE STATE 2
 PI STA. = 130+27.07
 $\Delta = 7^\circ 12' 49''$ (RT)
 $D = 3^\circ 00' 00''$
 $R = 1,909.86'$
 $T = 120.39'$
 $L = 240.46'$
 $E = 3.79'$
P.C. STA = 129+06.68
P.T. STA = 131+47.64



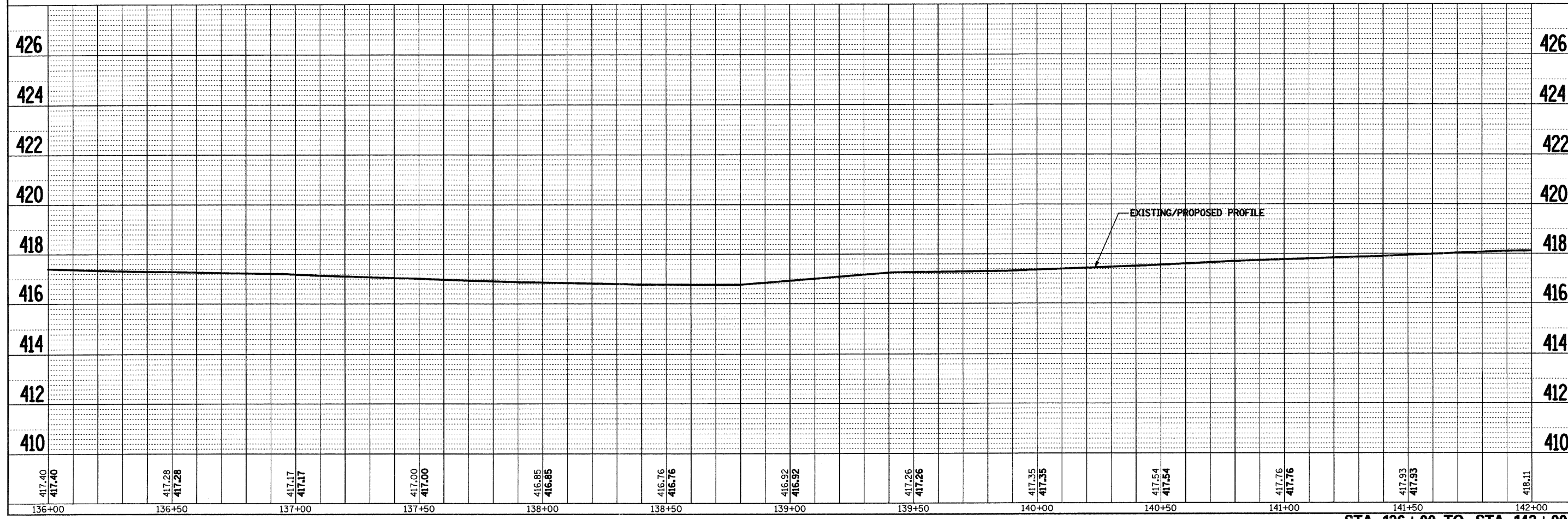
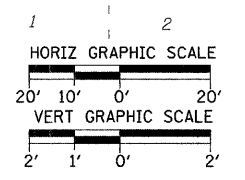
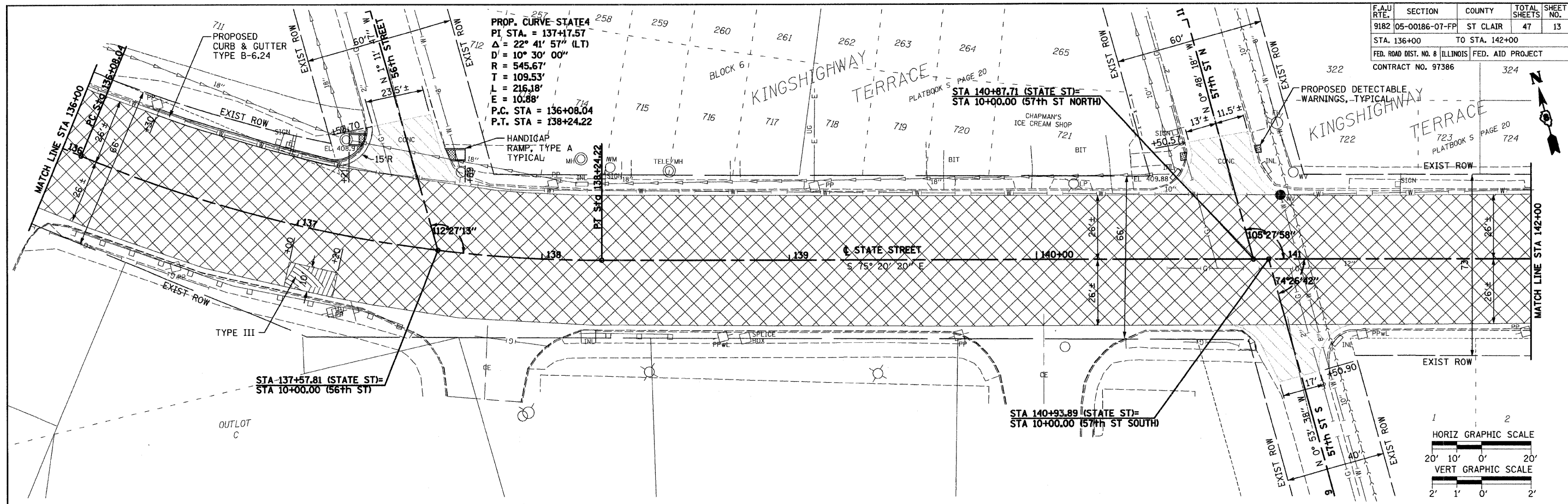
STA 124+00 TO STA 130+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	12
STA. 130+00		TO STA. 136+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				



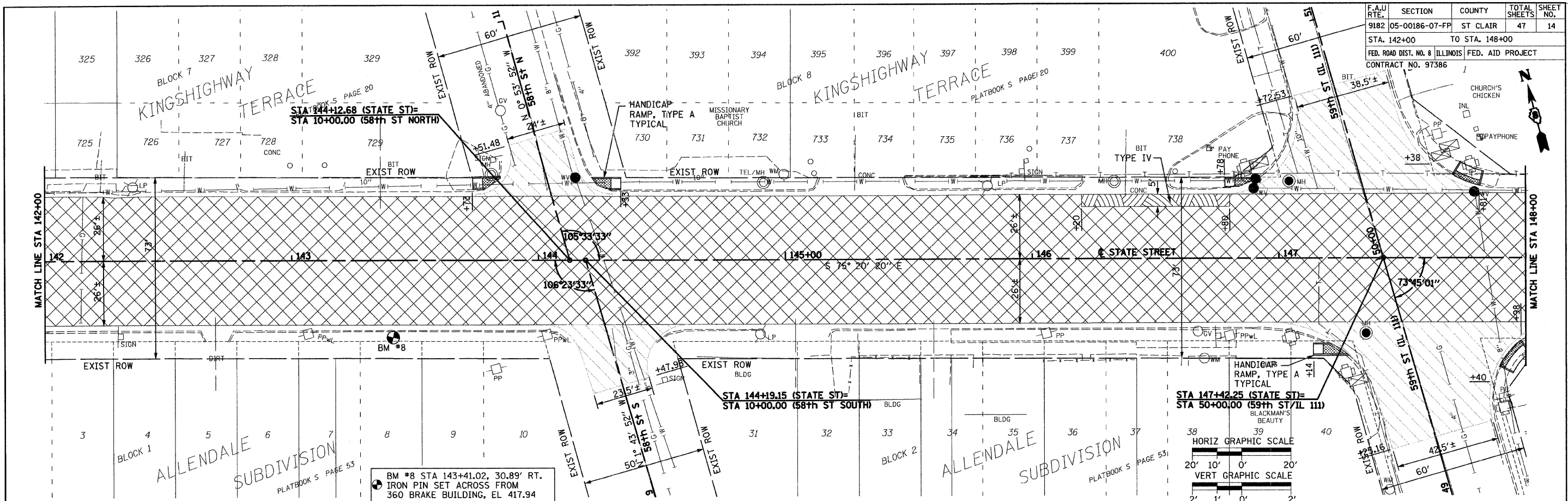
STA 130+00 TO STA 136+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	13
STA. 136+00		TO STA. 142+00		
FED. ROAD DIST. NO. 8 (ILLINOIS)		FED. AID PROJECT		
CONTRACT NO. 97386				

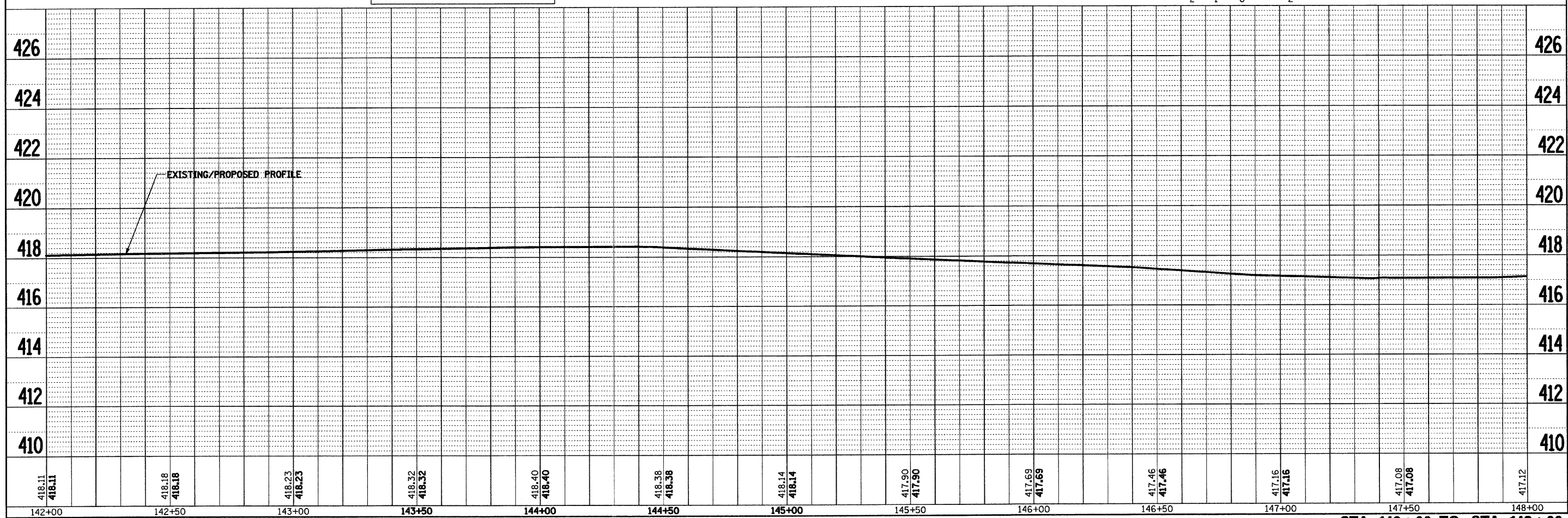
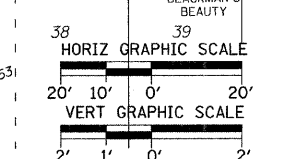


STA 136+00 TO STA 142+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST. CLAIR	47	14
STA. 142+00		TO STA. 148+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				



BM #8 STA 143+41.02, 30.89' RT.
IRON PIN SET ACROSS FROM
360 BRAKE BUILDING, EL 417.94

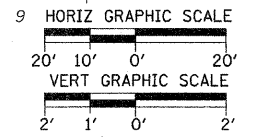
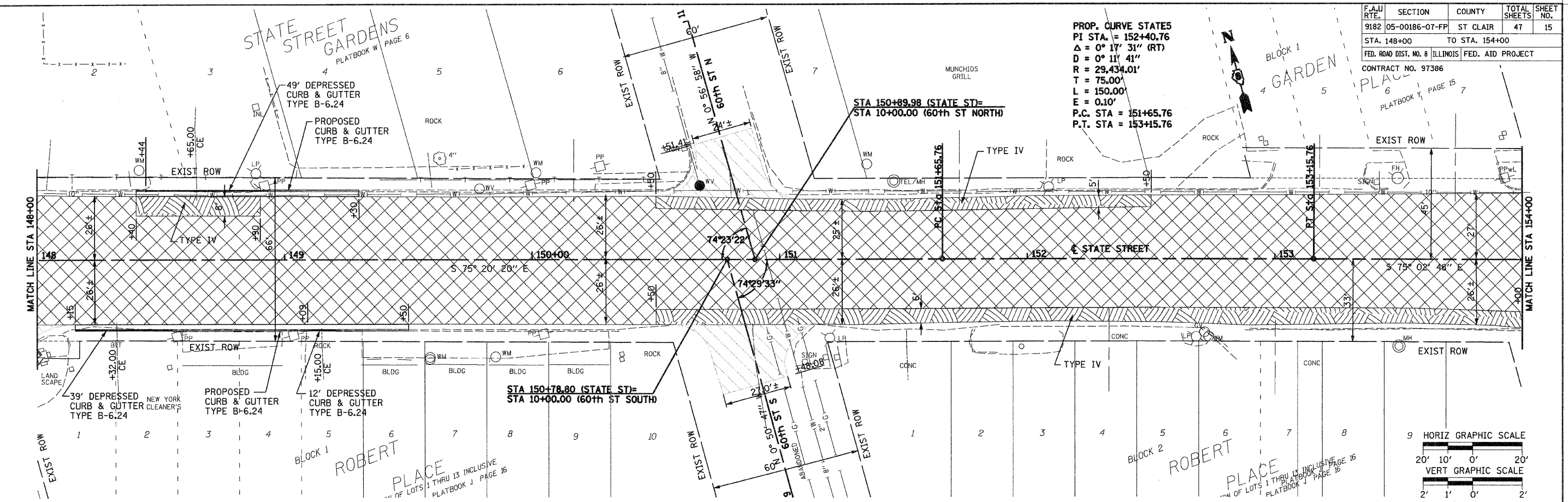


418.11	418.11	418.18	418.18	418.23	418.23	418.32	418.32	418.40	418.40	418.38	418.38	418.14	418.14	417.90	417.90	417.69	417.69	417.46	417.46	417.16	417.16	417.08	417.08	417.12	417.12
142+00	142+50	143+00	143+50	144+00	144+50	145+00	145+50	146+00	146+50	147+00	147+50	148+00													

STA 142+00 TO STA 148+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	15
STA. 148+00		TO STA. 154+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				

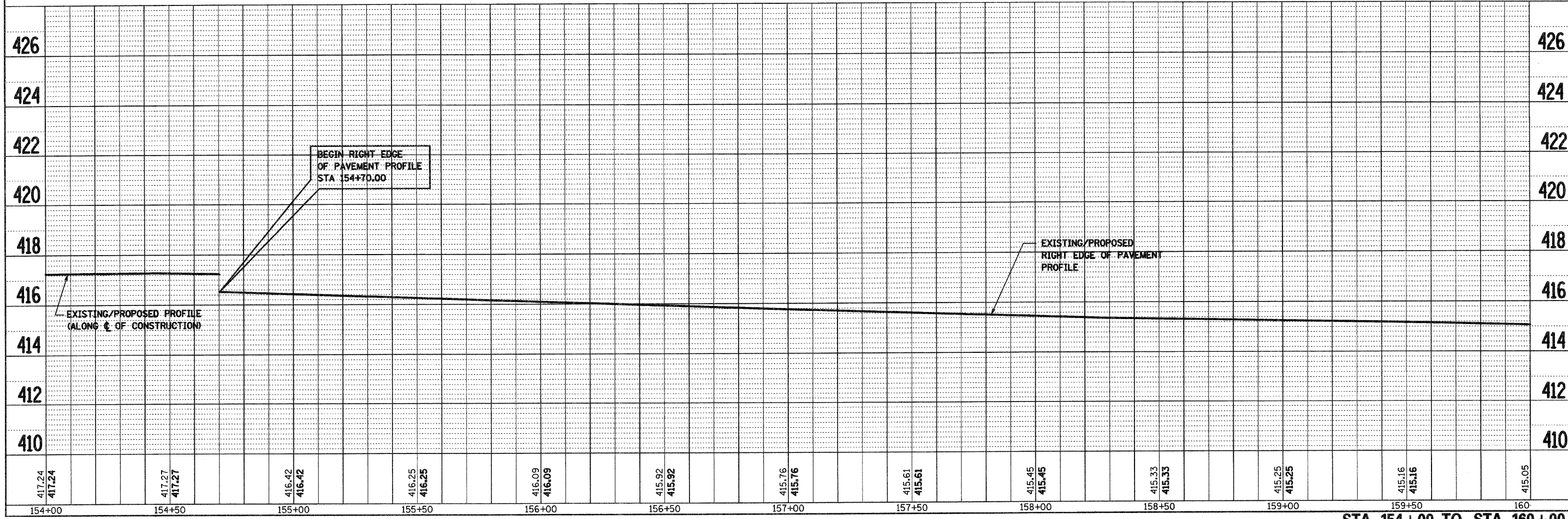
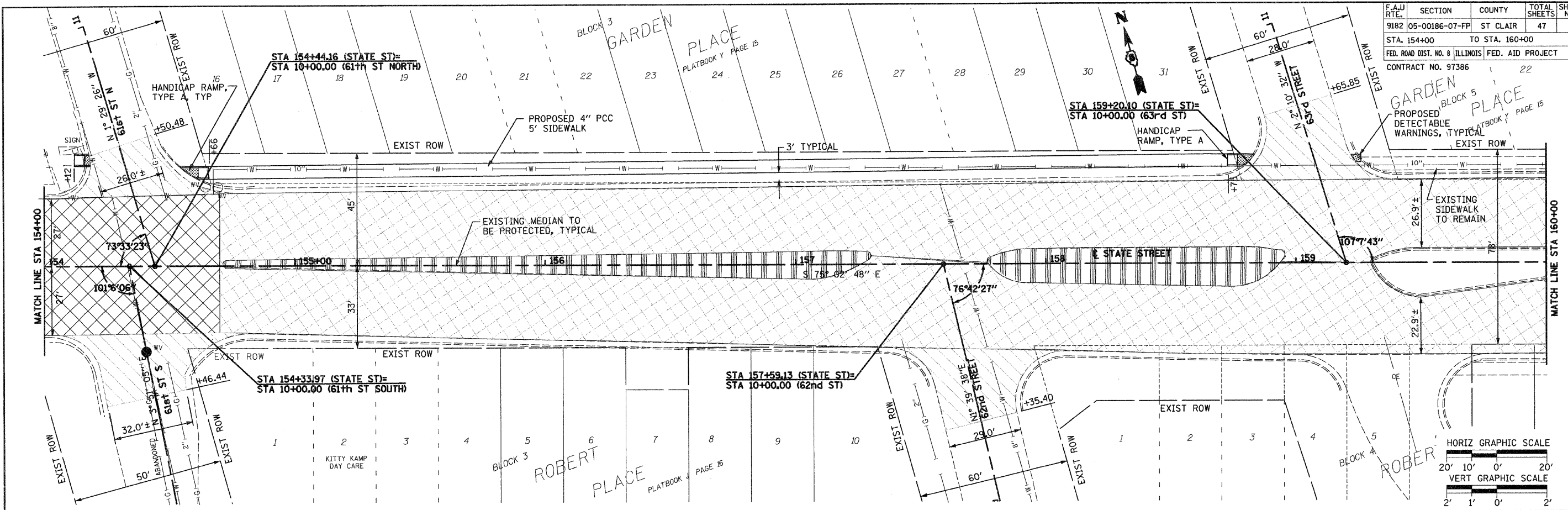
PROP. CURVE STATES
 PI STA. = 152+40.76
 $\Delta = 0^\circ 17' 31''$ (RT)
 $D = 0^\circ 11' 41''$
 $R = 29,434.01'$
 $T = 75.00'$
 $L = 150.00'$
 $E = 0.10'$
 P.C. STA = 151+65.76
 P.T. STA = 153+15.76



Station	Elevation	Station	Elevation
148+00	417.12	152+00	417.65
148+10	417.12	152+10	417.65
148+20	417.31	152+20	417.61
148+30	417.31	152+30	417.61
148+40	417.53	152+40	417.26
148+50	417.53	152+50	417.26
149+00	417.64	153+00	417.14
149+10	417.64	153+10	417.14
149+20	417.73	153+20	417.24
149+30	417.73	153+30	417.24
149+40	417.91	153+40	
149+50	417.91	153+50	
150+00	417.91	154+00	
150+10	417.91		
150+20	417.78		
150+30	417.78		
150+40	417.65		
150+50	417.65		
151+00	417.61		
151+10	417.61		
151+20	417.26		
151+30	417.26		
151+40	417.14		
151+50	417.14		
152+00	417.12		
152+10	417.12		
152+20	417.31		
152+30	417.31		
152+40	417.53		
152+50	417.53		
153+00	417.64		
153+10	417.64		
153+20	417.73		
153+30	417.73		
153+40	417.91		
153+50	417.91		
154+00	417.12		

STA 148+00 TO STA 154+00

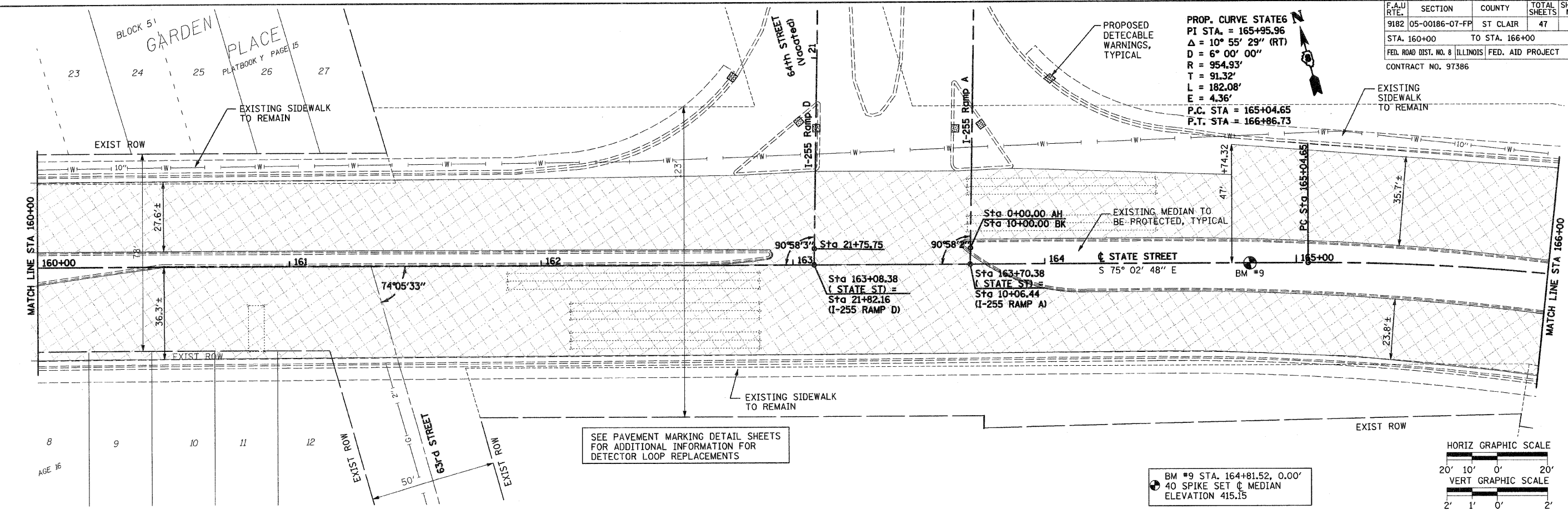
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	16
STA. 154+00		TO STA. 160+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386		22		



STA 154+00 TO STA 160+00

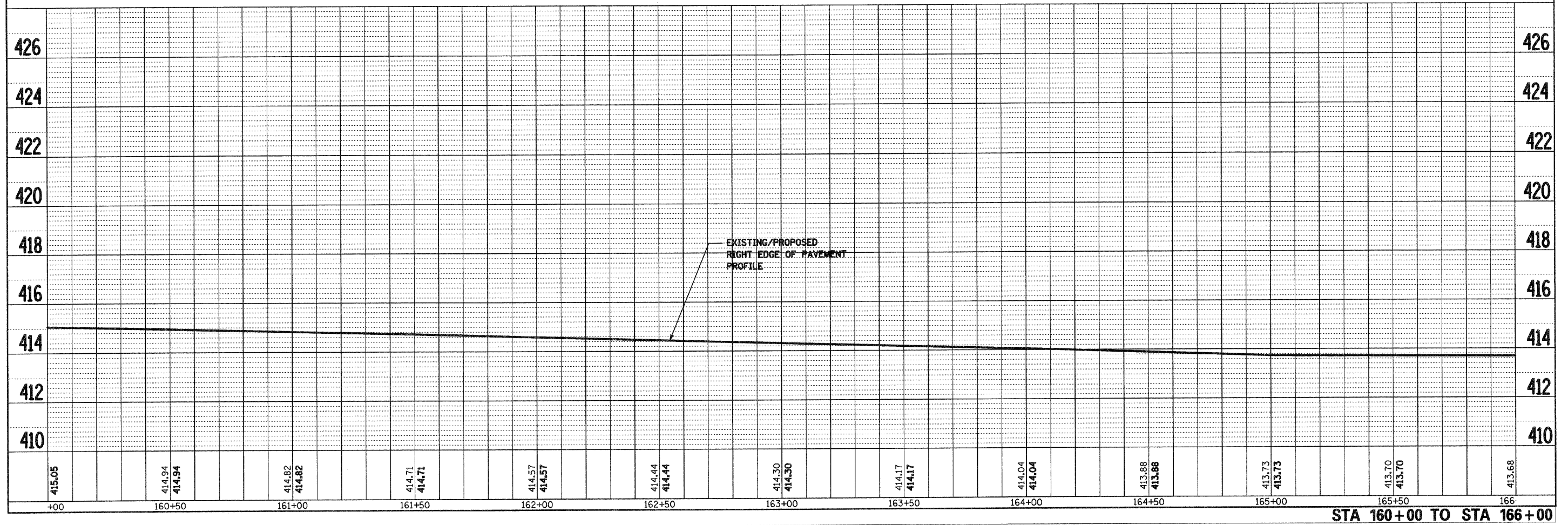
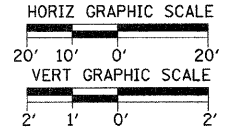
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	17
STA. 160+00		TO STA. 166+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				

PROP. CURVE STATE 6
 PI STA. = 165+95.96
 $\Delta = 10^\circ 55' 29''$ (RT)
 $D = 6^\circ 00' 00''$
 $R = 954.93'$
 $T = 91.32'$
 $L = 182.08'$
 $E = 4.36'$
 P.C. STA = 165+04.65
 P.T. STA = 166+86.73



SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL INFORMATION FOR DETECTOR LOOP REPLACEMENTS

BM #9 STA. 164+81.52, 0.00'
 40 SPIKE SET \odot MEDIAN
 ELEVATION 415.15

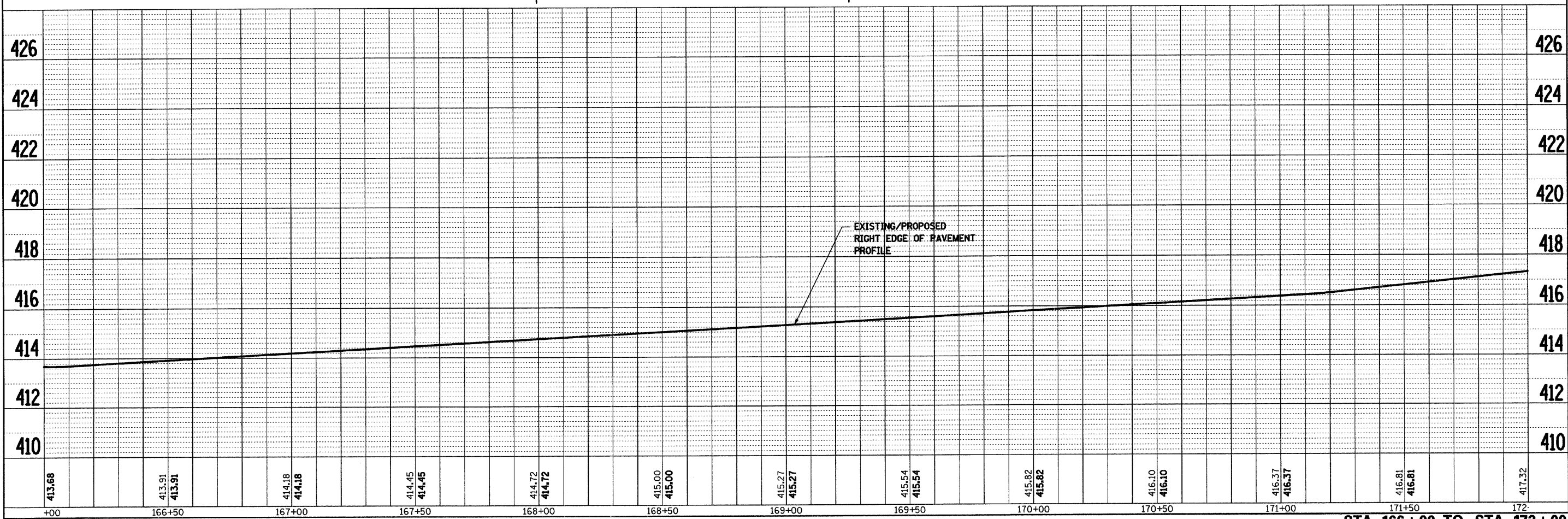
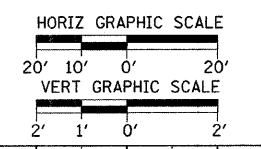
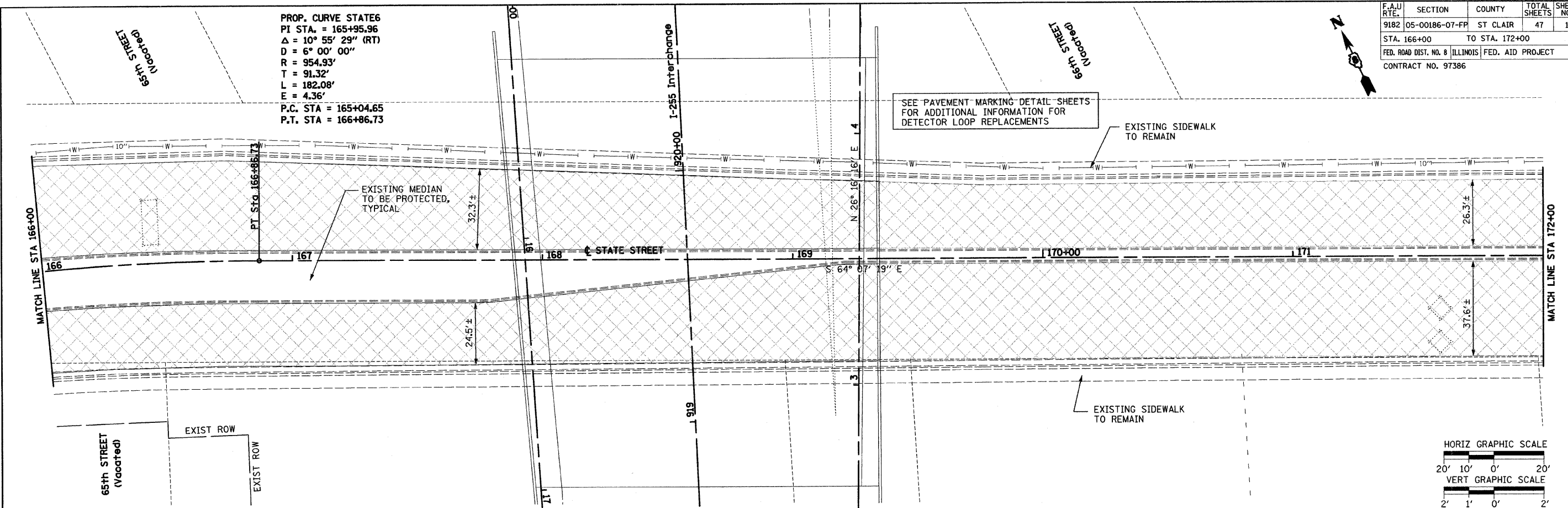


STA 160+00 TO STA 166+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	18
STA. 166+00		TO STA. 172+00		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97386				



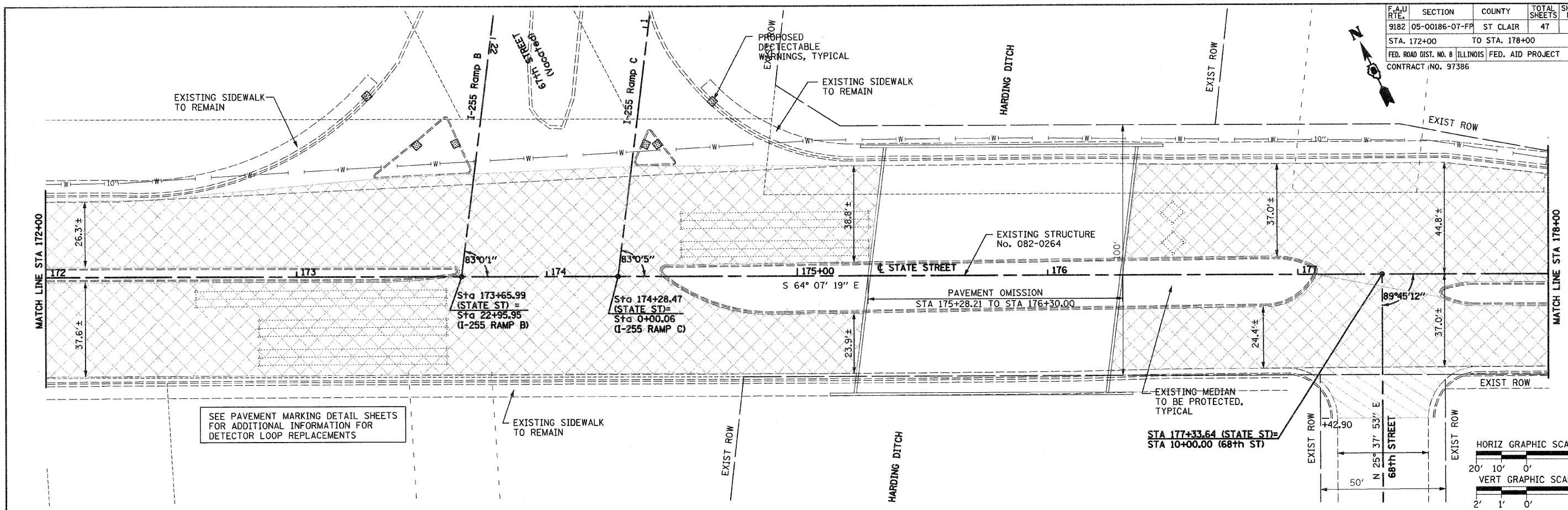
PROP. CURVE STATE6
 PI STA. = 165+95.96
 $\Delta = 10^\circ 55' 29''$ (RT)
 $D = 6^\circ 00' 00''$
 $R = 954.93'$
 $T = 91.32'$
 $L = 182.08'$
 $E = 4.36'$
 P.C. STA = 165+04.65
 P.T. STA = 166+86.73



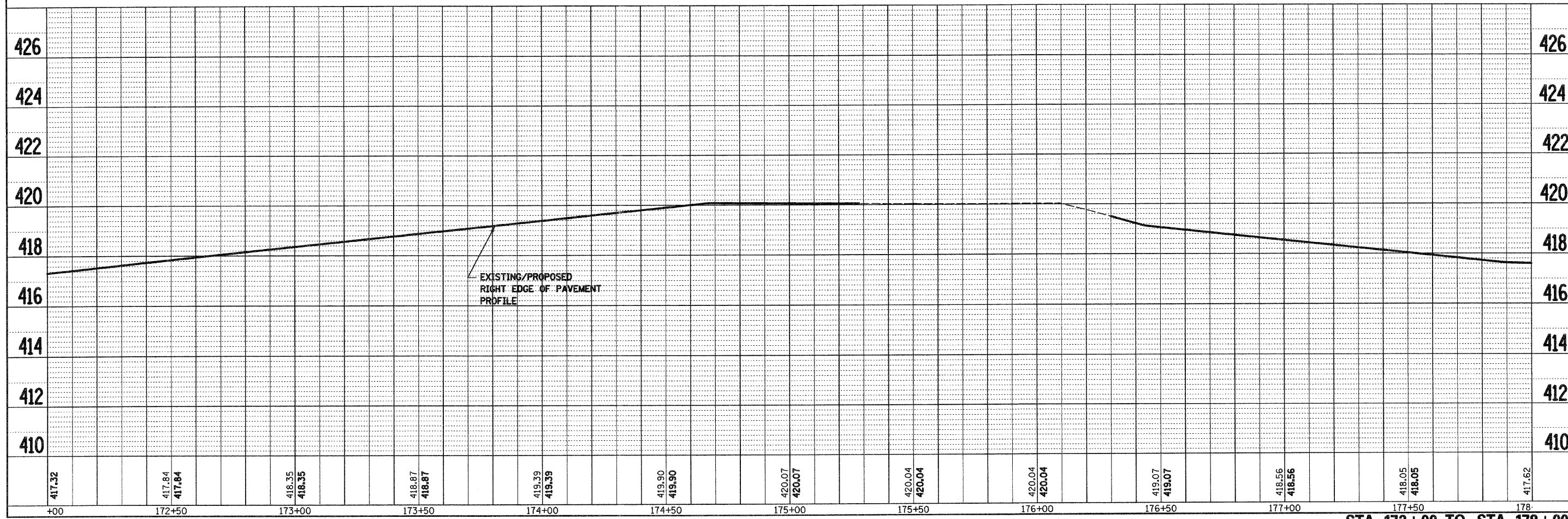
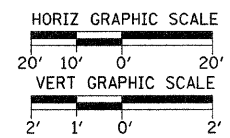
STA 166+00 TO STA 172+00

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FF	ST CLAIR	47	19
STA. 172+00		TO STA. 178+00		
FED. ROAD DIST. NO. 8 [ILLINOIS] FED. AID PROJECT				
CONTRACT NO. 97386				

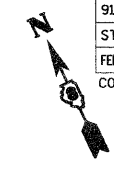


SEE PAVEMENT MARKING DETAIL SHEETS FOR ADDITIONAL INFORMATION FOR DETECTOR LOOP REPLACEMENTS

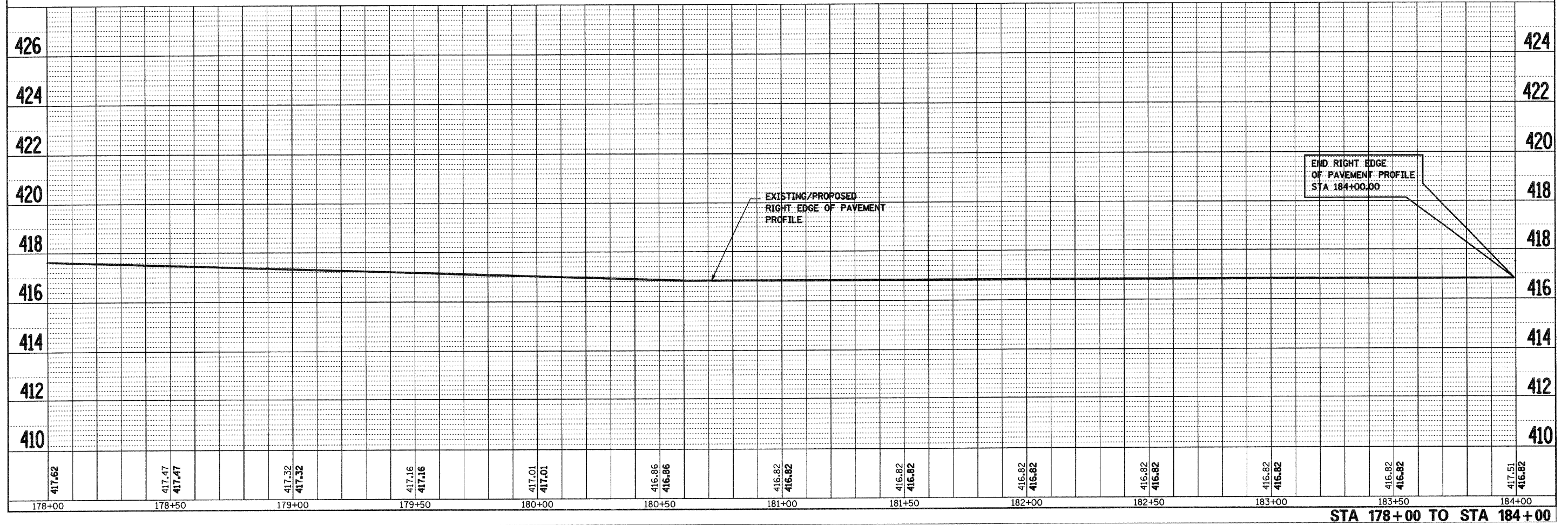
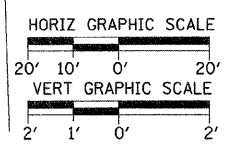
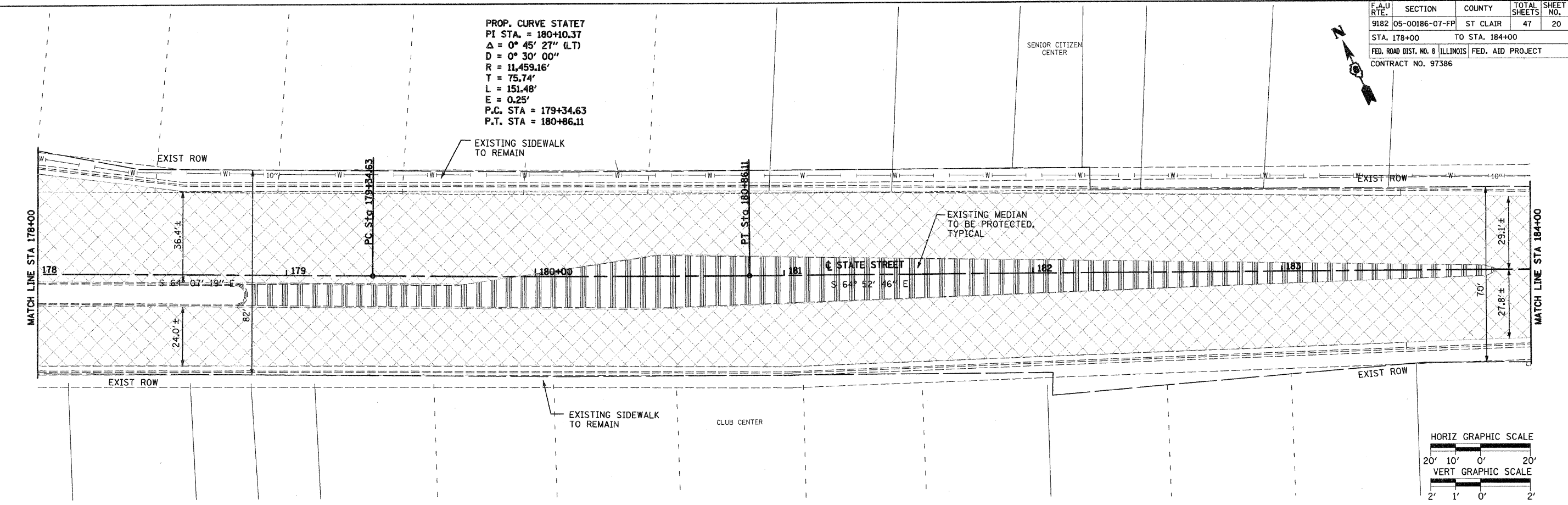


STA 172+00 TO STA 178+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	20
STA. 178+00		TO STA. 184+00		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97386				

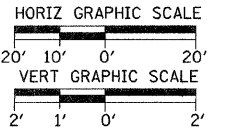
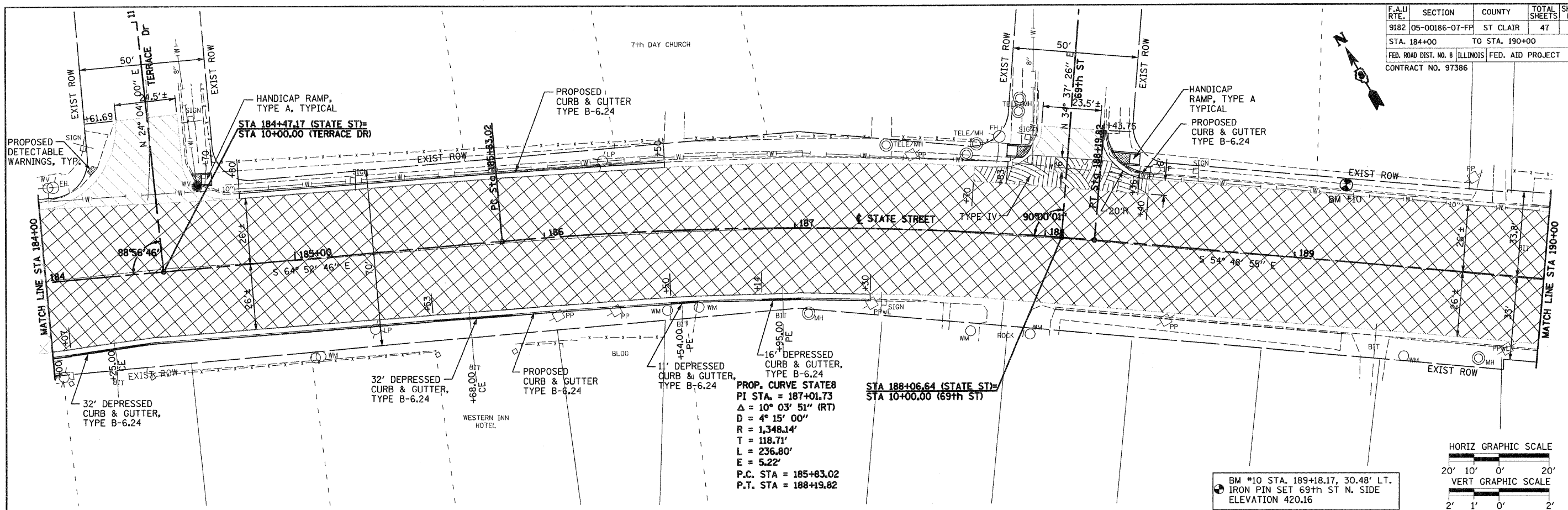


PROP. CURVE STATE7
 PI STA. = 180+10.37
 $\Delta = 0^\circ 45' 27''$ (L.T)
 $D = 0^\circ 30' 00''$
 $R = 11,459.16'$
 $T = 75.74'$
 $L = 151.48'$
 $E = 0.25'$
 P.C. STA = 179+34.63
 P.T. STA = 180+86.11

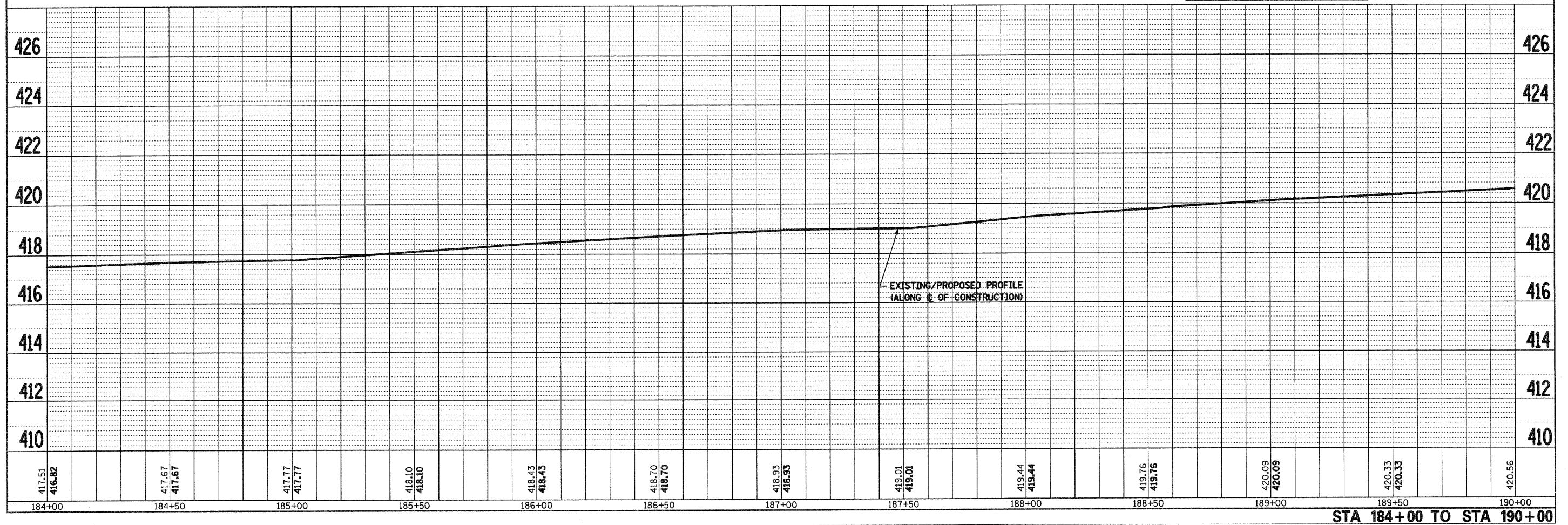


STA 178+00 TO STA 184+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-PP	ST CLAIR	47	21
STA. 184+00		TO STA. 190+00		
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				
CONTRACT NO. 97386				

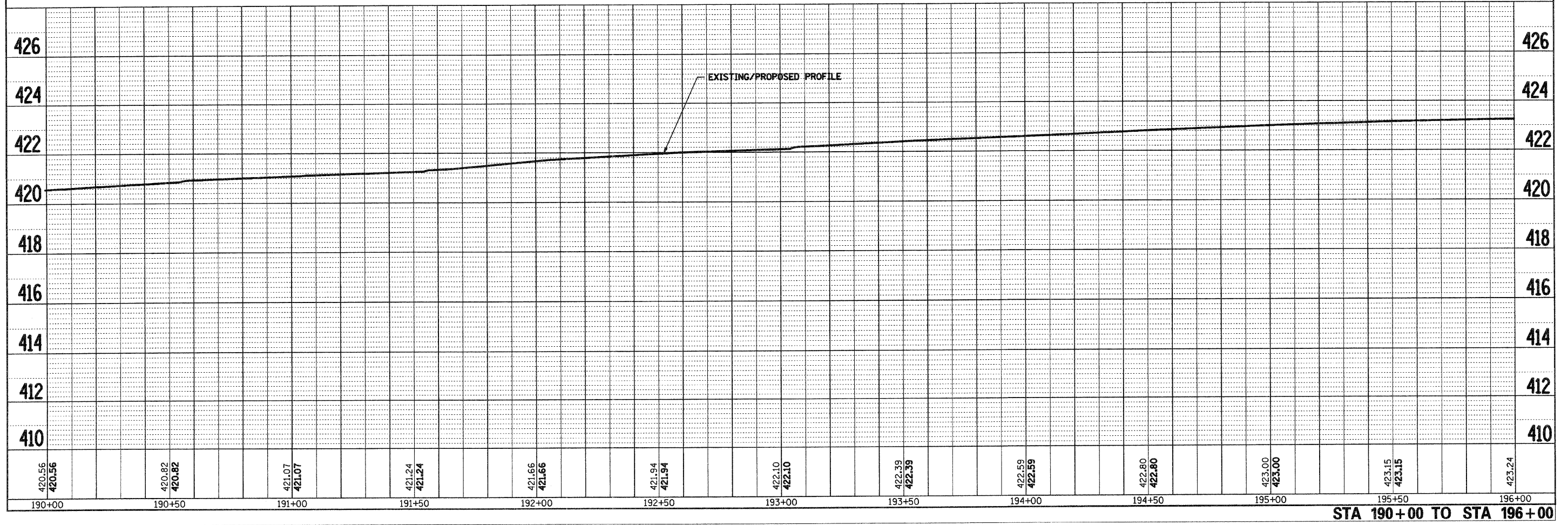
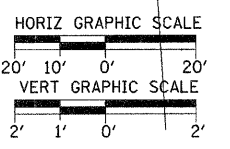
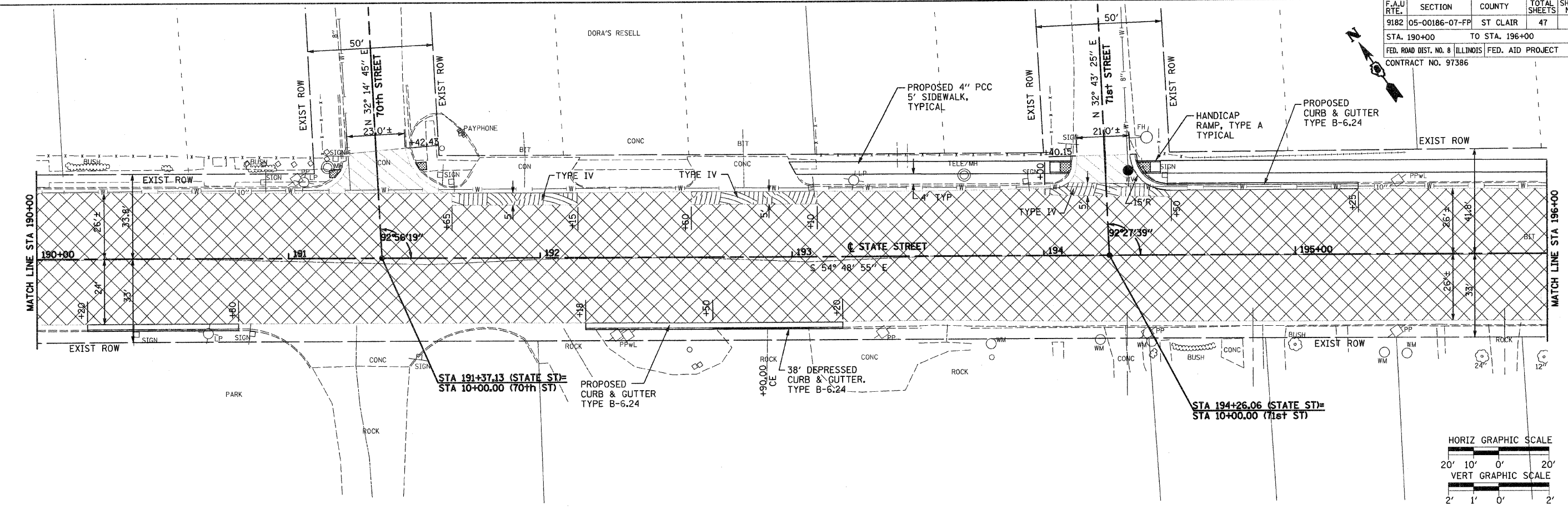


BM #10 STA. 189+18.17, 30.48' LT.
IRON PIN SET 69th ST N. SIDE
ELEVATION 420.16



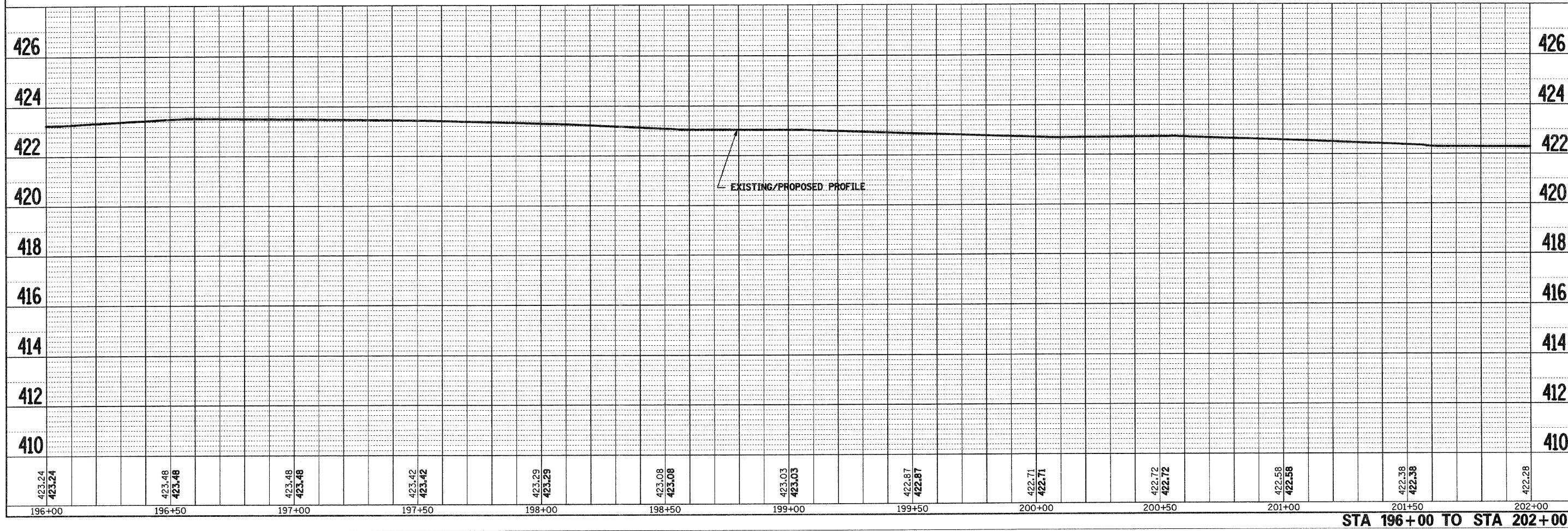
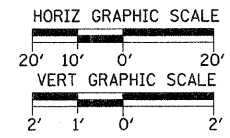
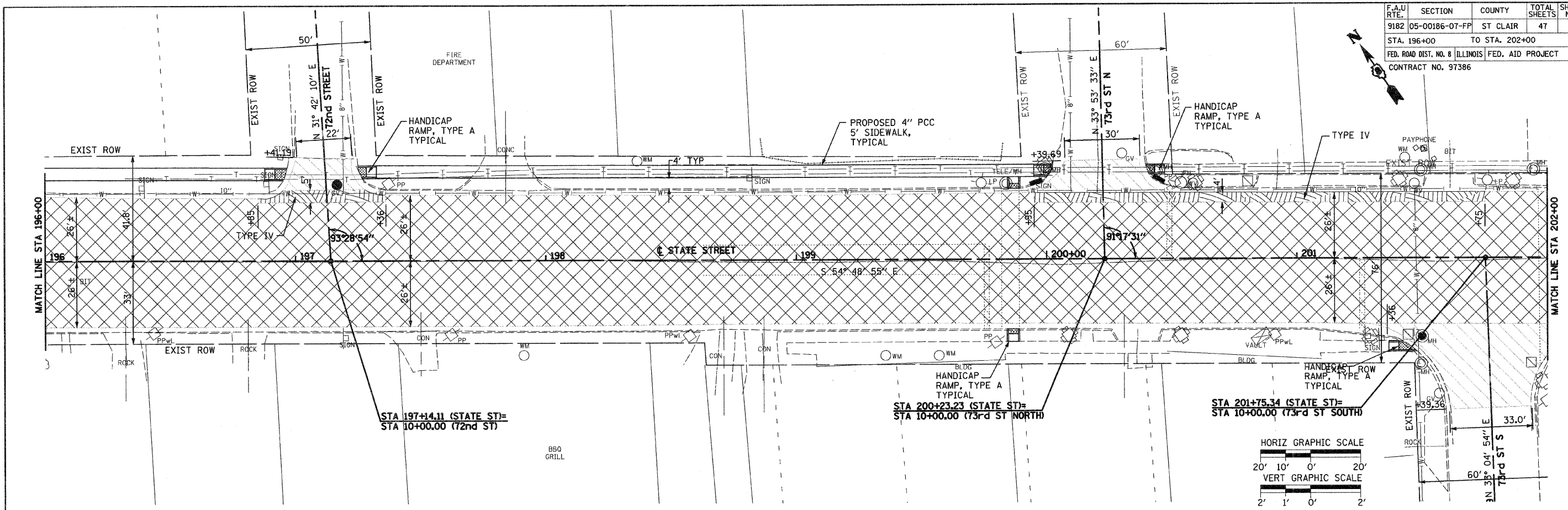
STA 184+00 TO STA 190+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	22
STA. 190+00		TO STA. 196+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				



STA 190+00 TO STA 196+00

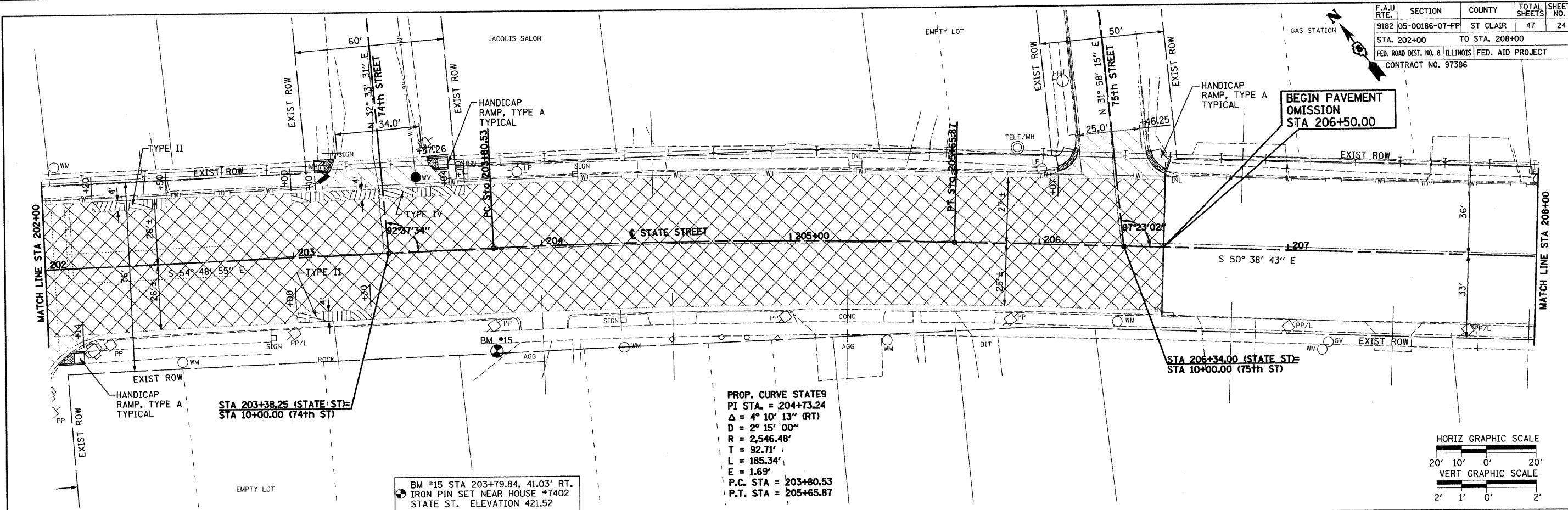
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	23
STA. 196+00		TO STA. 202+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				



423.24	423.24	423.48	423.48	423.48	423.48	423.29	423.29	423.08	423.08	423.03	423.03	422.87	422.87	422.71	422.71	422.72	422.72	422.58	422.58	422.38	422.38	422.28
196+00	196+50	197+00	197+50	198+00	198+50	199+00	199+50	200+00	200+50	201+00	201+50	202+00										

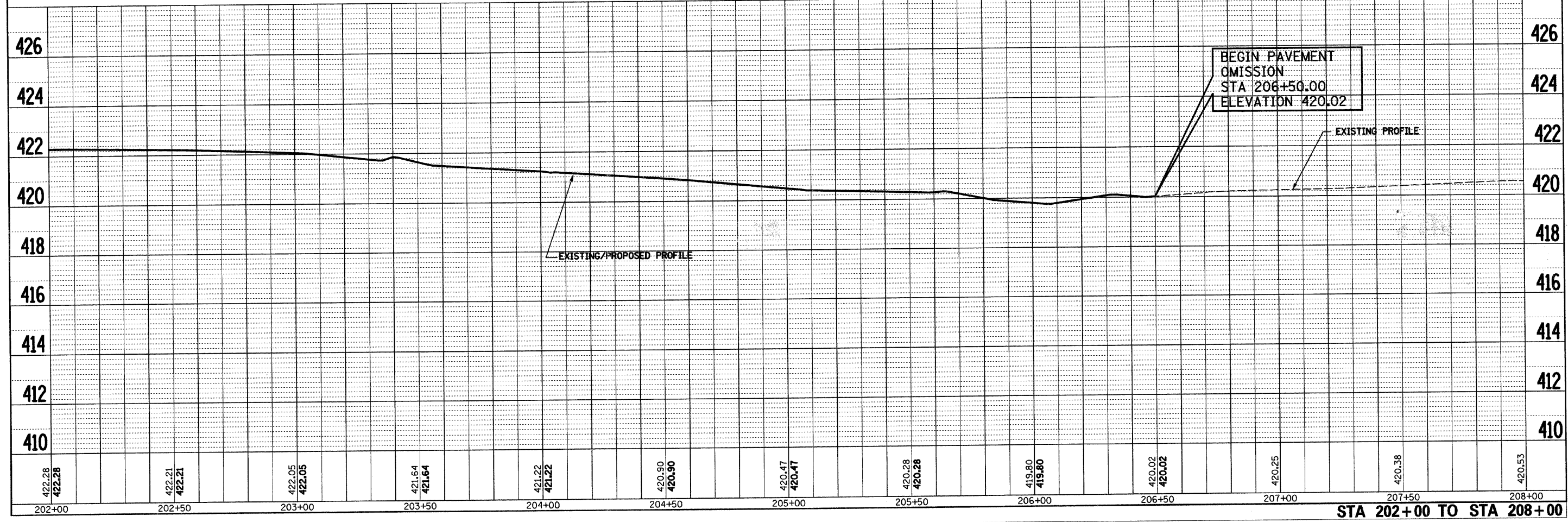
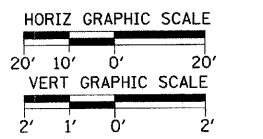
STA 196+00 TO STA 202+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-PP	ST CLAIR	47	24
STA. 202+00		TO STA. 208+00		
FED. ROAD DIST. NO. 8		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 97386				



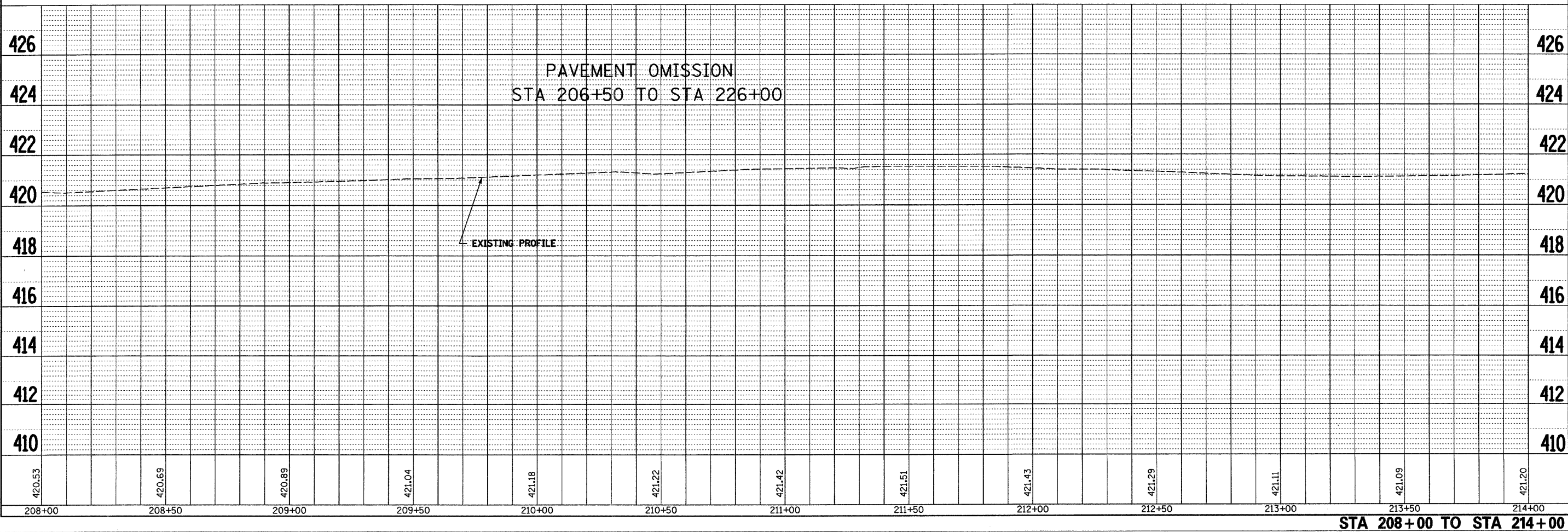
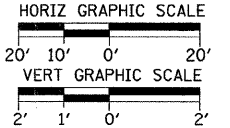
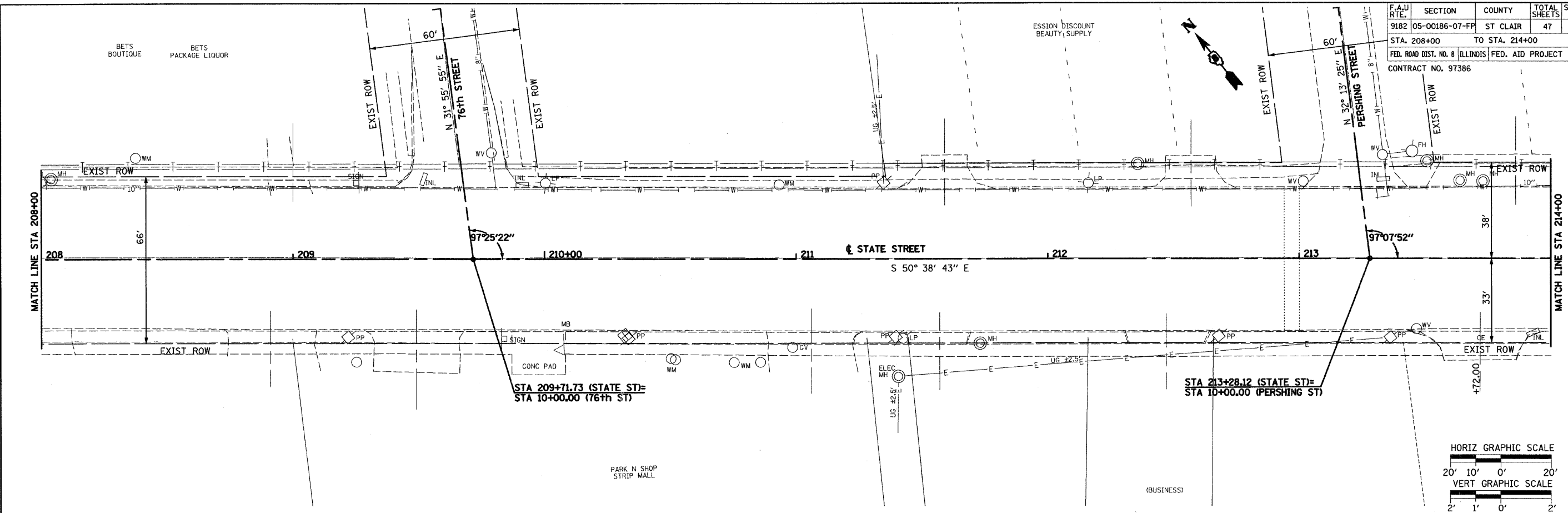
PROP. CURVE STATE9
 PI STA. = 204+73.24
 $\Delta = 4^\circ 10' 13''$ (RT)
 D = 2' 15" 00"
 R = 2,546.48'
 T = 92.71'
 L = 185.34'
 E = 1.69'
 P.C. STA = 203+80.53
 P.T. STA = 205+65.87

BM #15 STA 203+79.84, 41.03' RT.
 IRON PIN SET NEAR HOUSE #7402
 STATE ST. ELEVATION 421.52



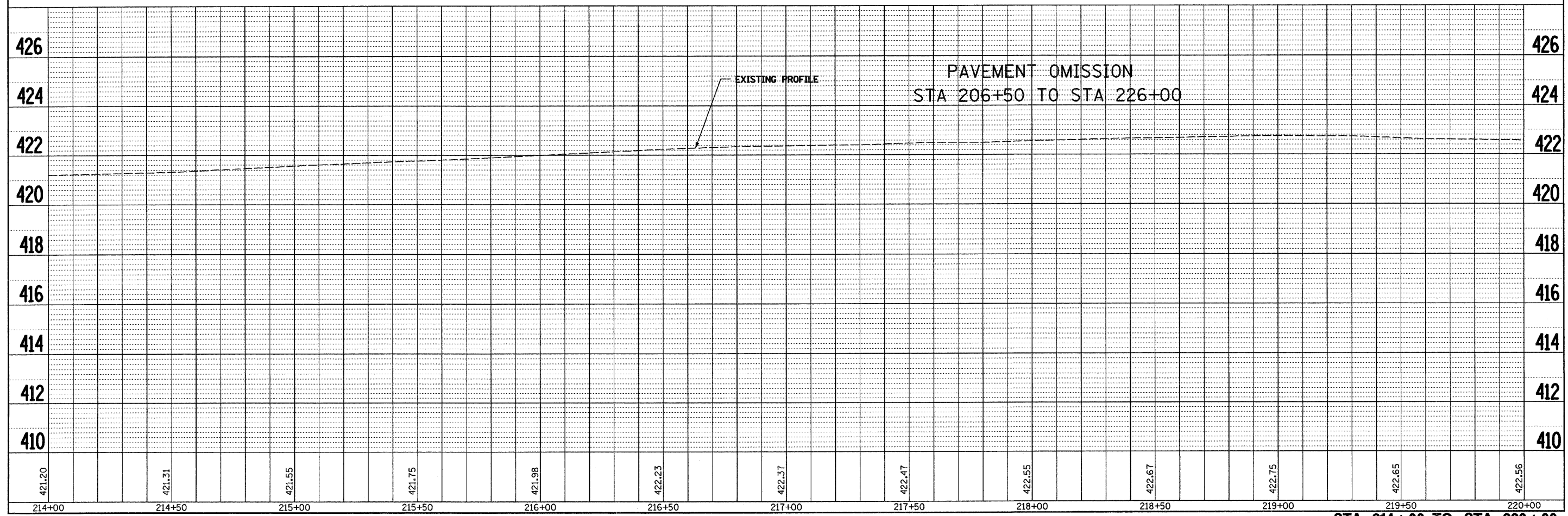
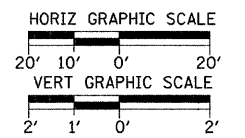
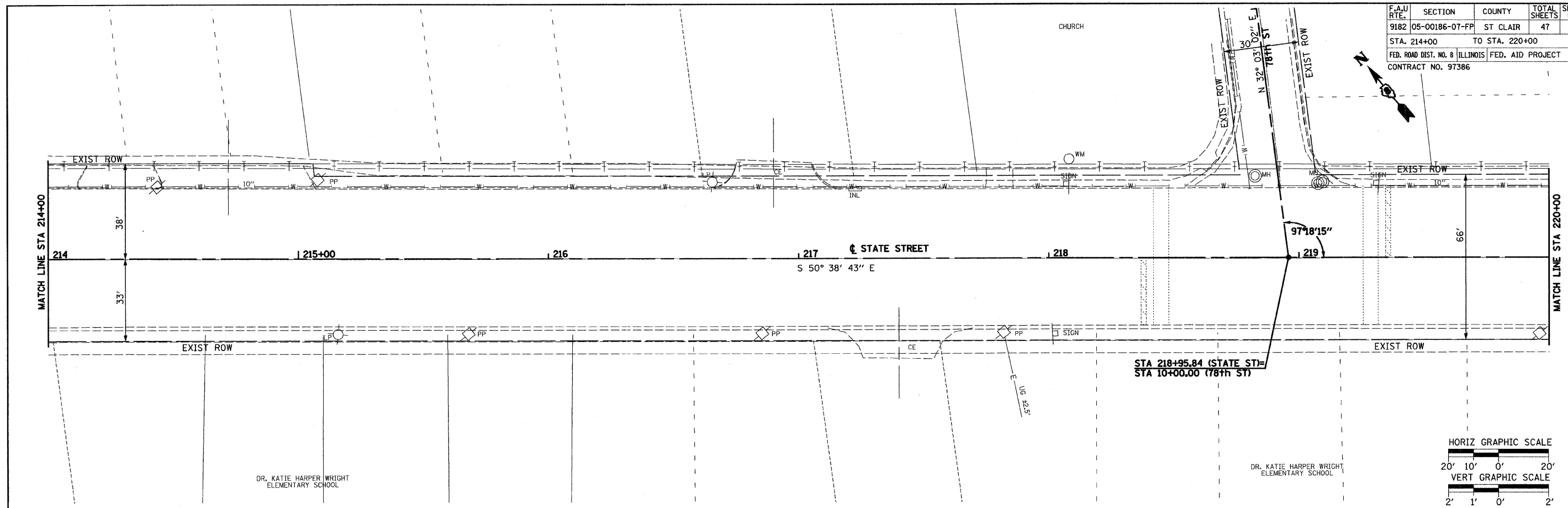
STA 202+00 TO STA 208+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	25
STA. 208+00		TO STA. 214+00		
FED. ROAD DIST. NO. 8		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 97386				



STA 208+00 TO STA 214+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-PP	ST CLAIR	47	26
STA. 214+00		TO STA. 220+00		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97386				



STA 214+00 TO STA 220+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	27

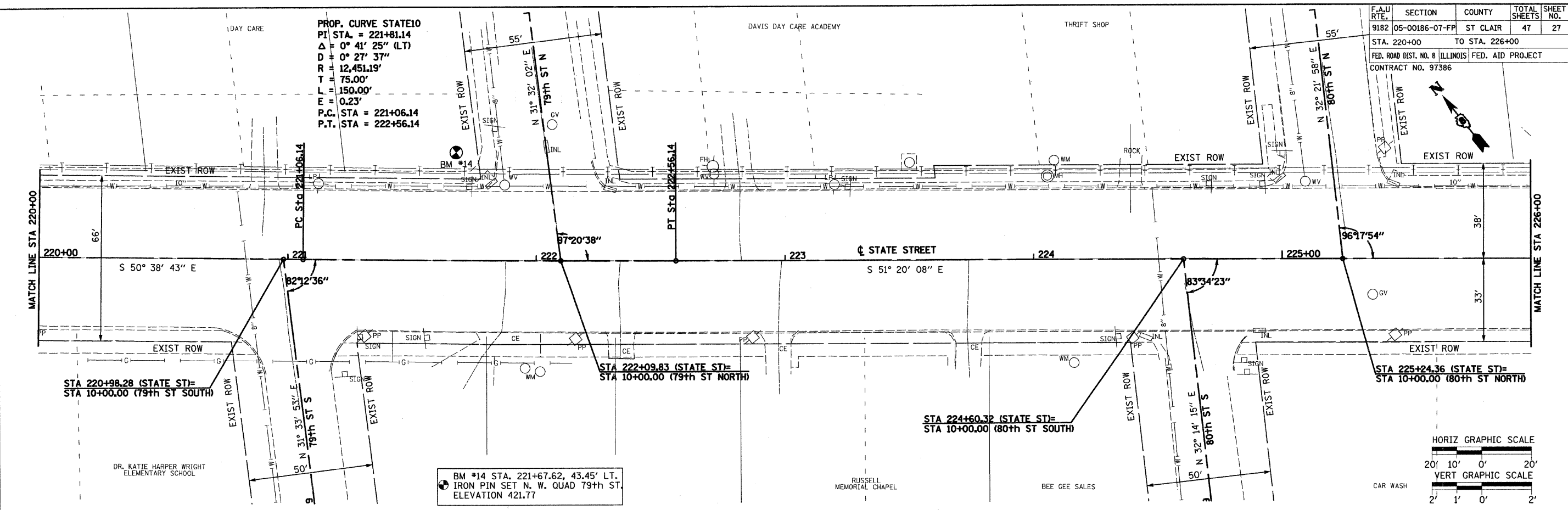
STA. 220+00 TO STA. 226+00

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

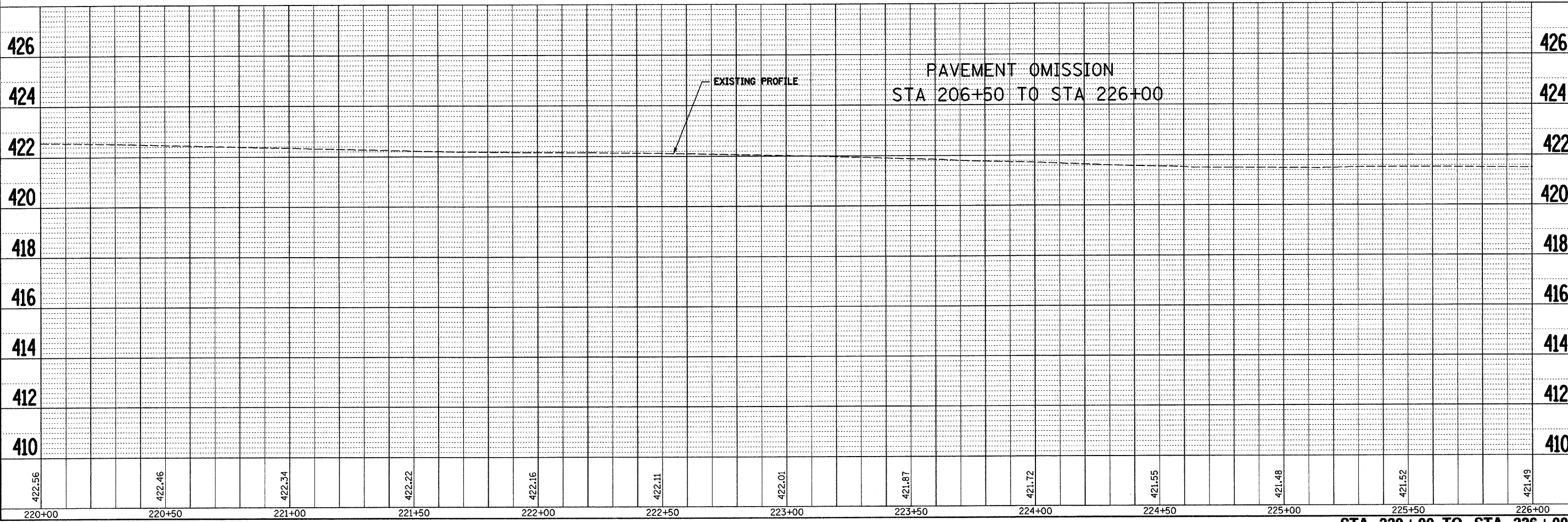
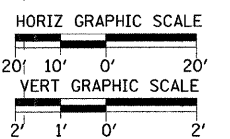
CONTRACT NO. 97386



PROP. CURVE STATE10
 P.I. STA. = 221+81.14
 $\Delta = 0^\circ 41' 25''$ (L.T.)
 $D = 0^\circ 27' 37''$
 $R = 12,451.19'$
 $T = 75.00'$
 $L = 150.00'$
 $E = 0.23'$
 P.C. STA = 221+06.14
 P.T. STA = 222+56.14

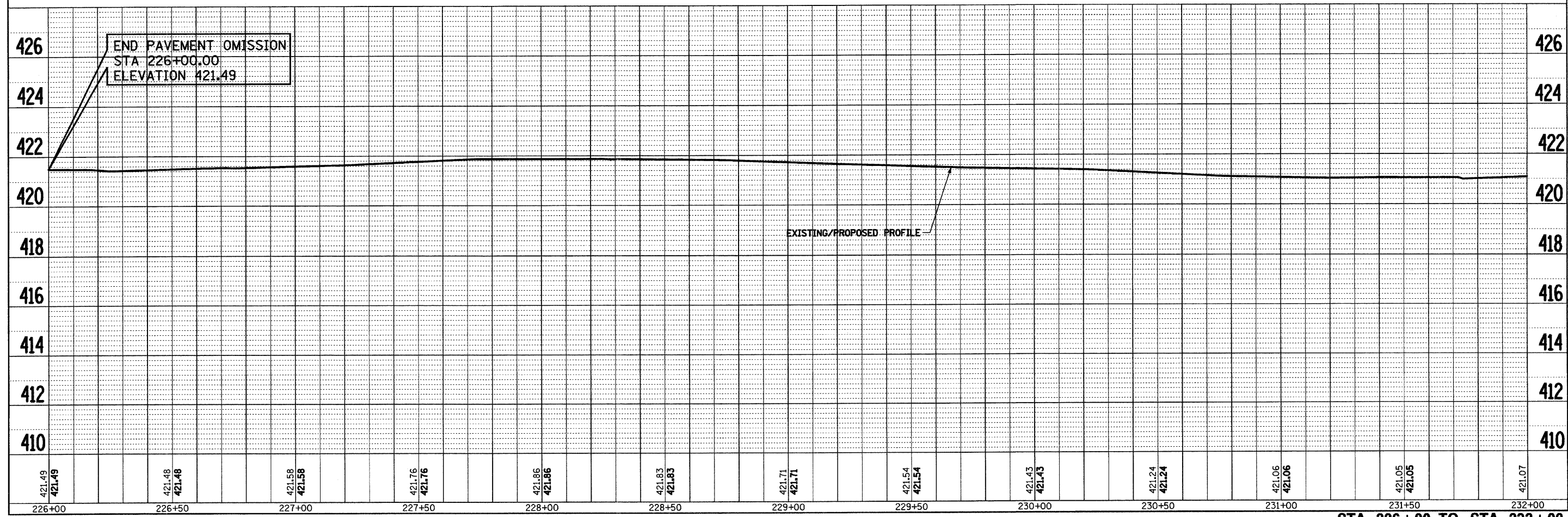
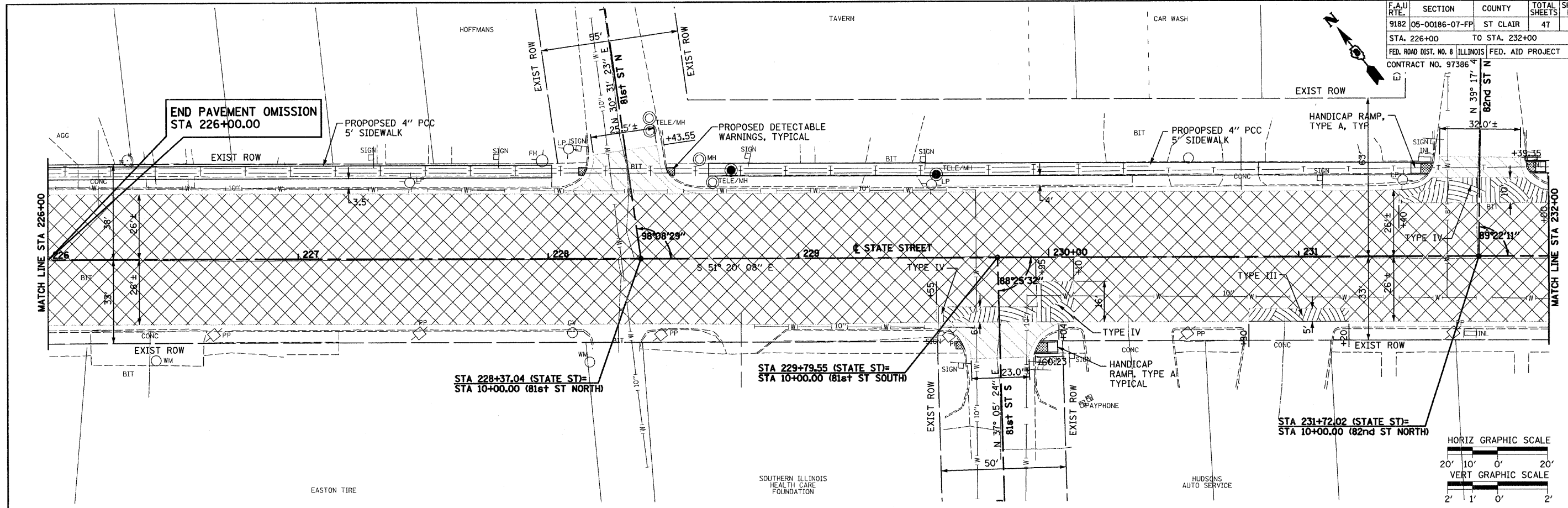


BM #14 STA. 221+67.62, 43.45' LT.
 IRON PIN SET N. W. QUAD 79th ST.
 ELEVATION 421.77



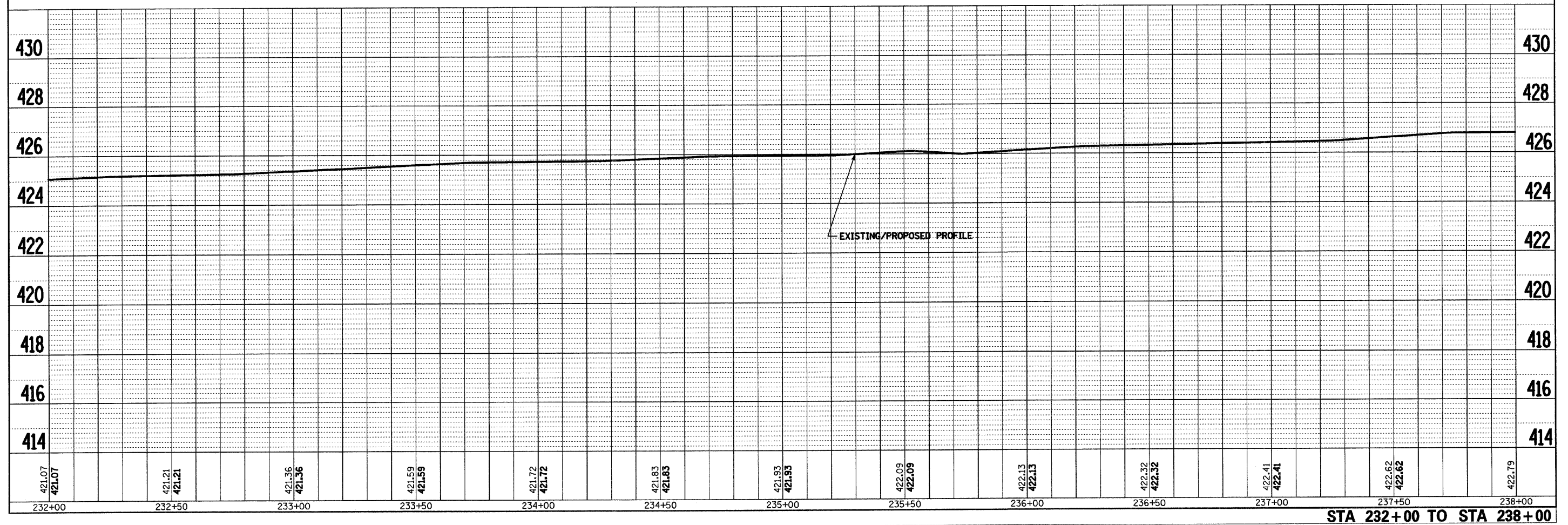
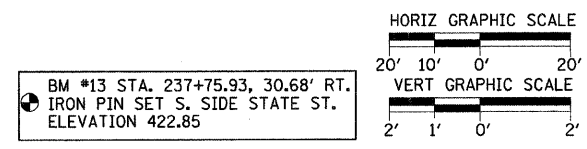
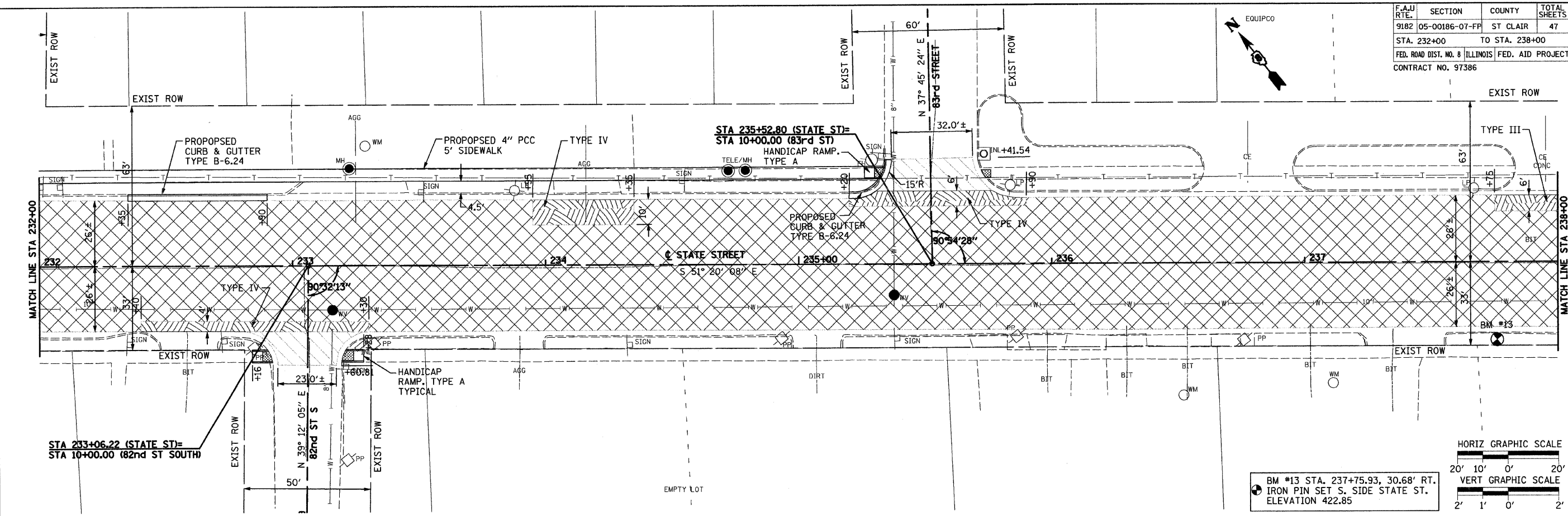
STA 220+00 TO STA 226+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	28
STA. 226+00		TO STA. 232+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				



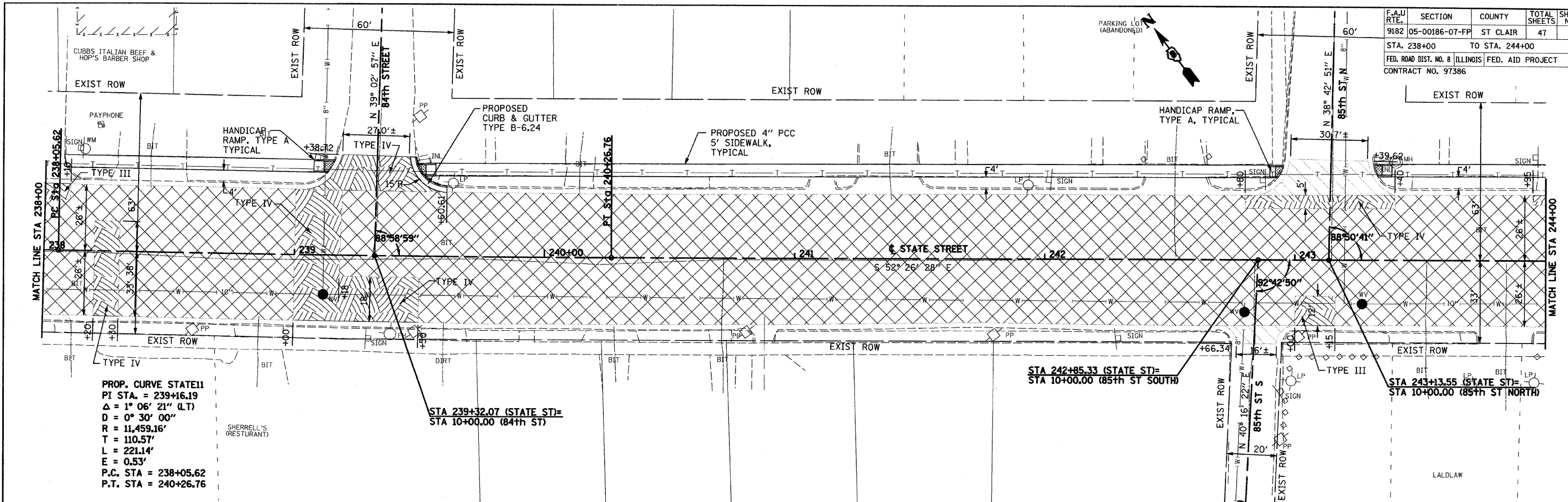
STA 226+00 TO STA 232+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	29
STA. 232+00		TO STA. 238+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				



STA 232+00 TO STA 238+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	30
STA. 238+00		TO STA. 244+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				

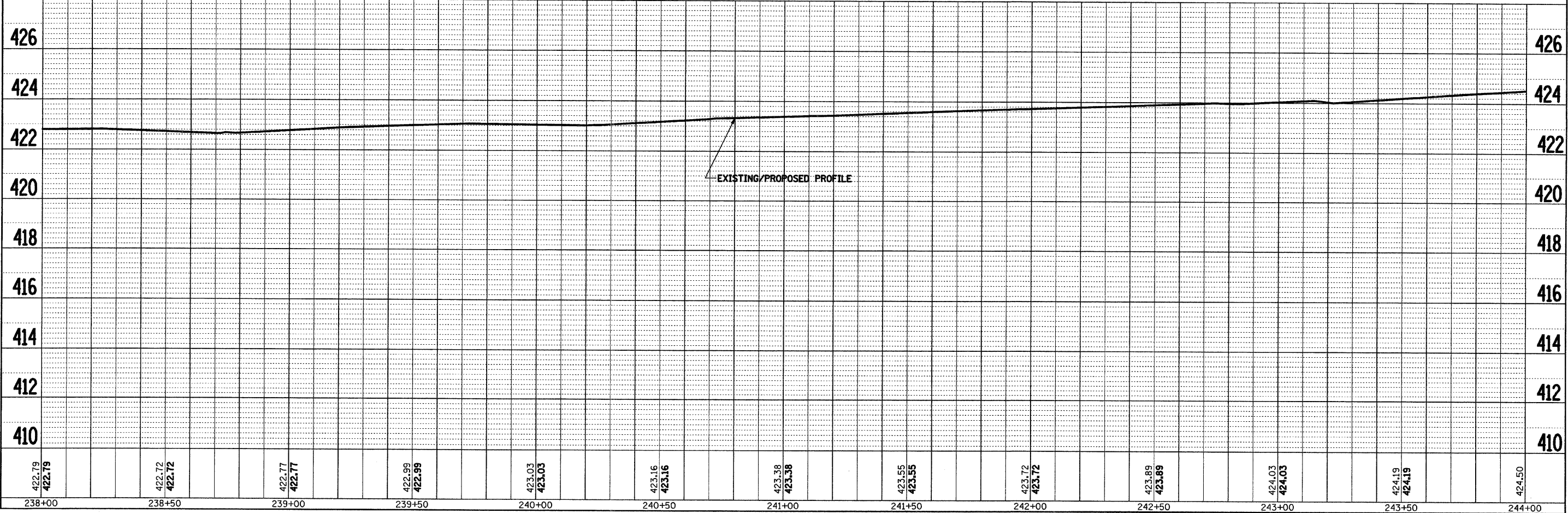


PROP. CURVE STATE11
 PI STA. = 239+16.19
 $\Delta = 1^\circ 06' 21''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.16'$
 $T = 110.57'$
 $L = 221.14'$
 $E = 0.53'$
 P.C. STA = 238+05.62
 P.T. STA = 240+26.76

STA 239+32.07 (STATE ST)=
 STA 10+00.00 (84th ST)

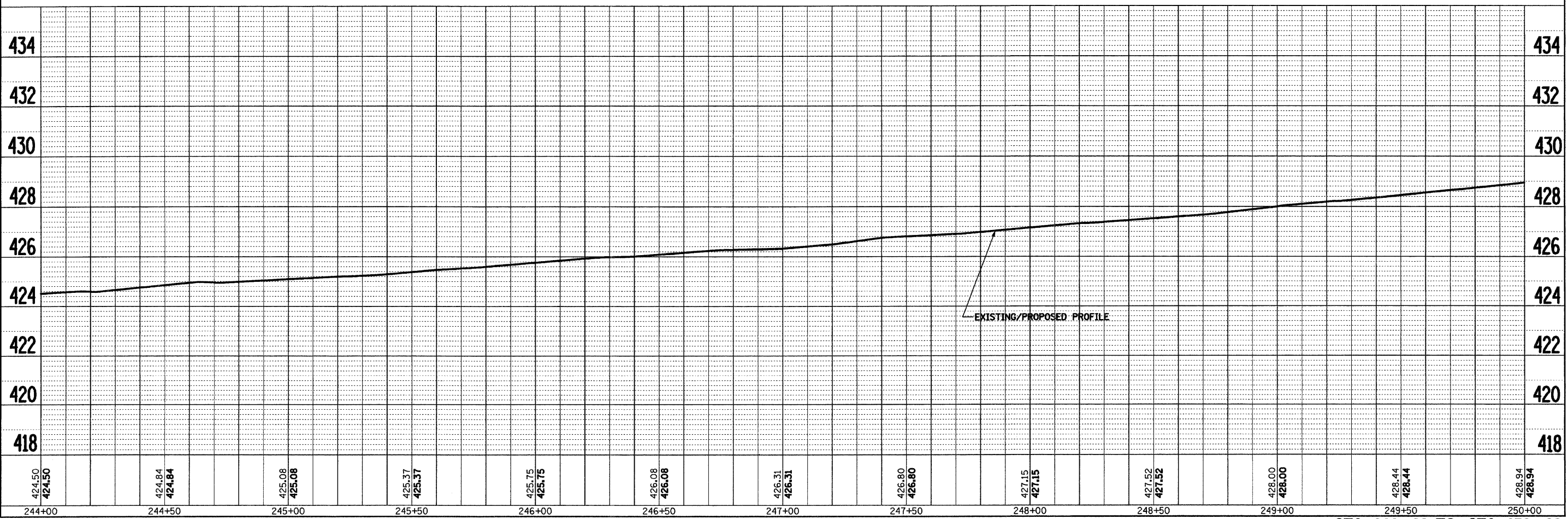
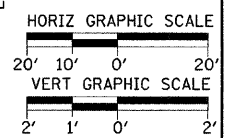
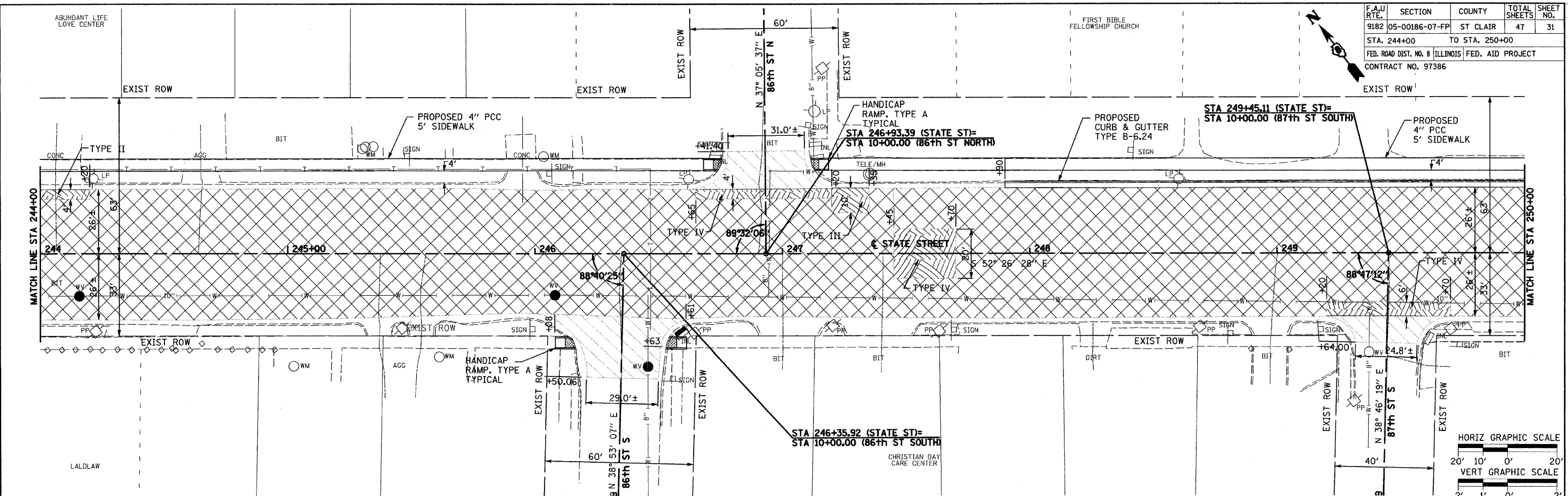
STA 242+85.33 (STATE ST)=
 STA 10+00.00 (85th ST SOUTH)

STA 243+13.55 (STATE ST)=
 STA 10+00.00 (85th ST NORTH)



STA 238+00 TO STA 244+00

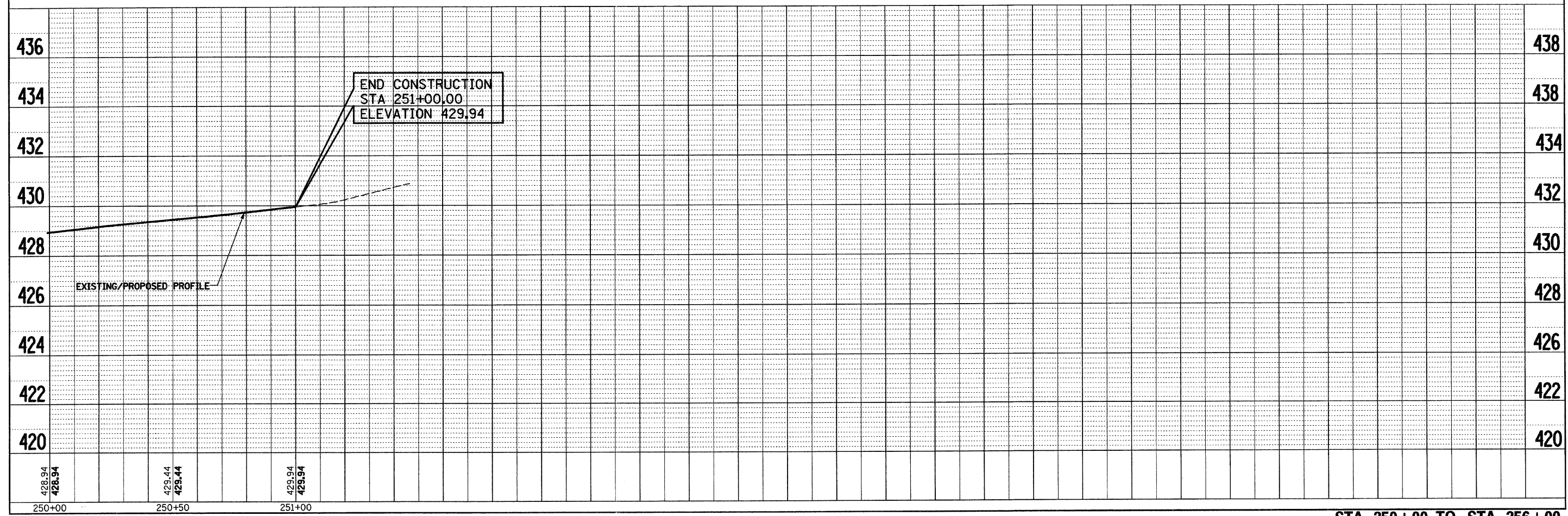
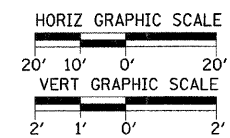
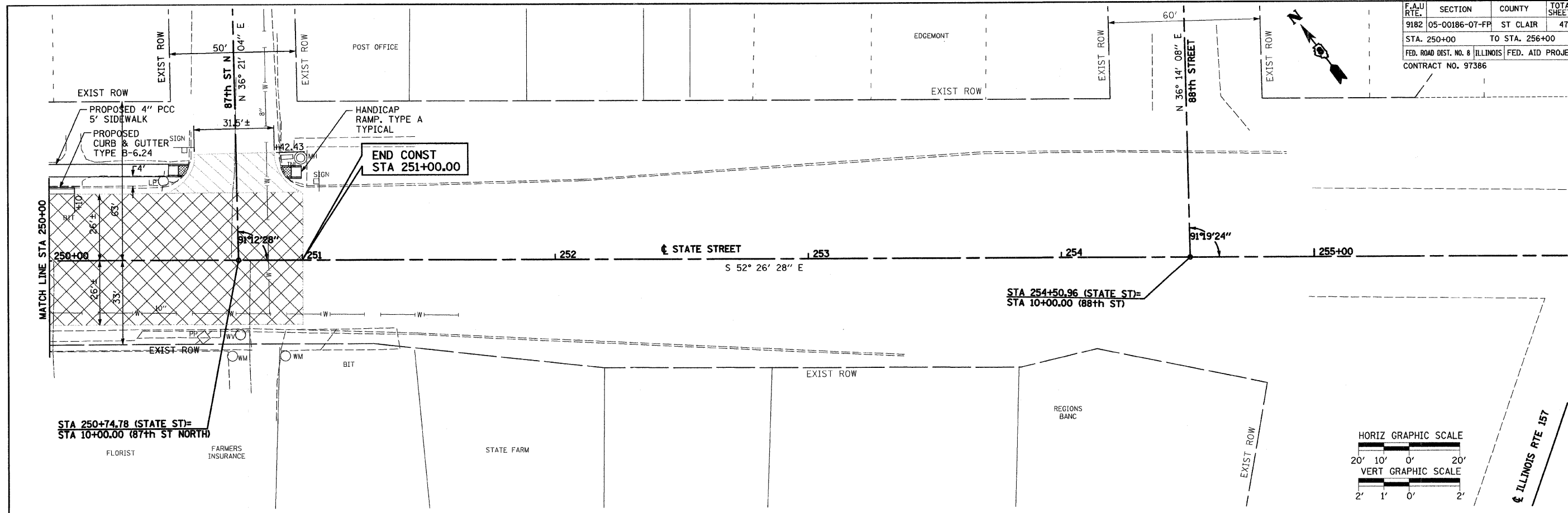
F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	31
STA. 244+00		TO STA. 250+00		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97386				



STA 244+00 TO STA 250+00

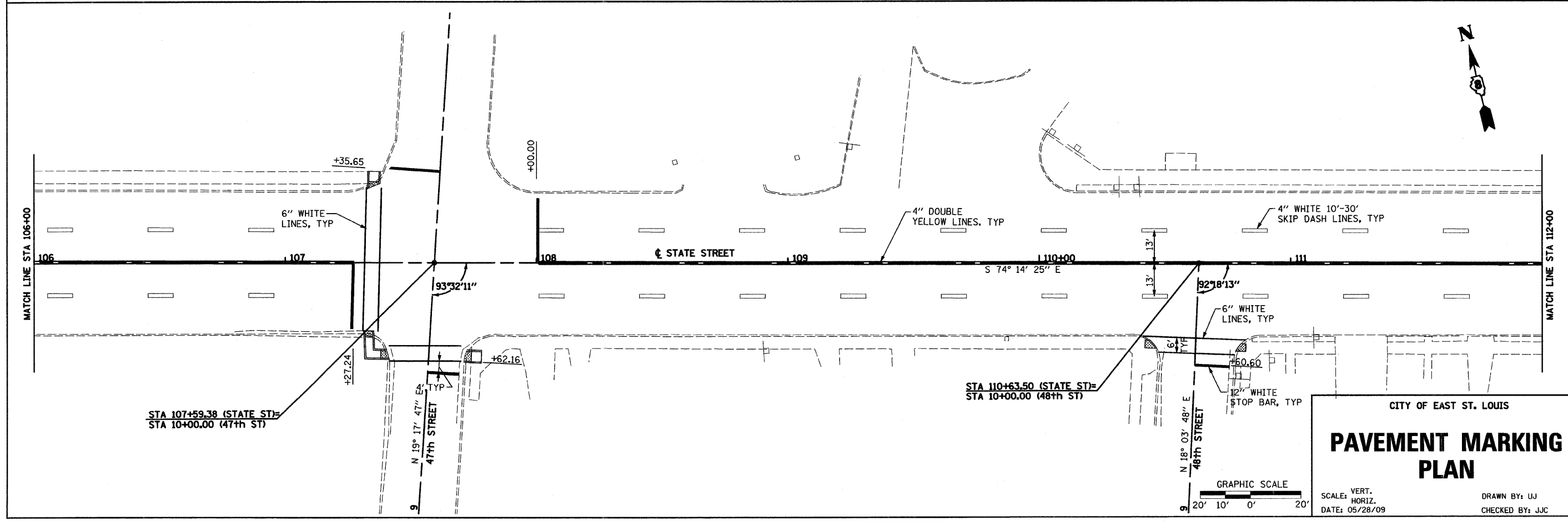
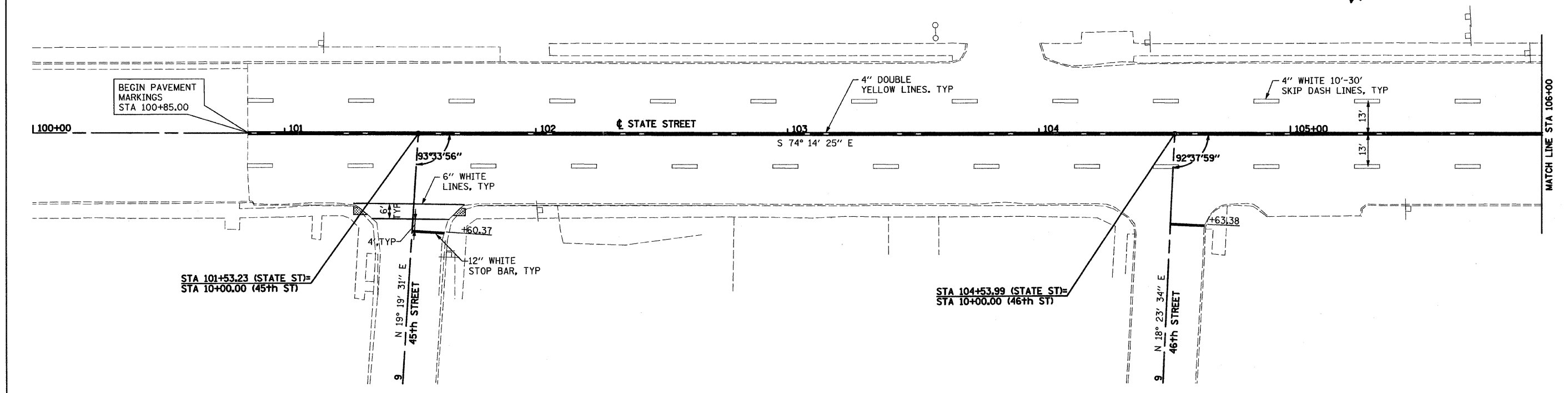
VERNO 0525.dwg 5/23/2008 10:33:36 AM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FF	ST CLAIR	47	32
STA. 250+00		TO STA. 256+00		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97386				



STA 250+00 TO STA 256+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	33
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				



CITY OF EAST ST. LOUIS

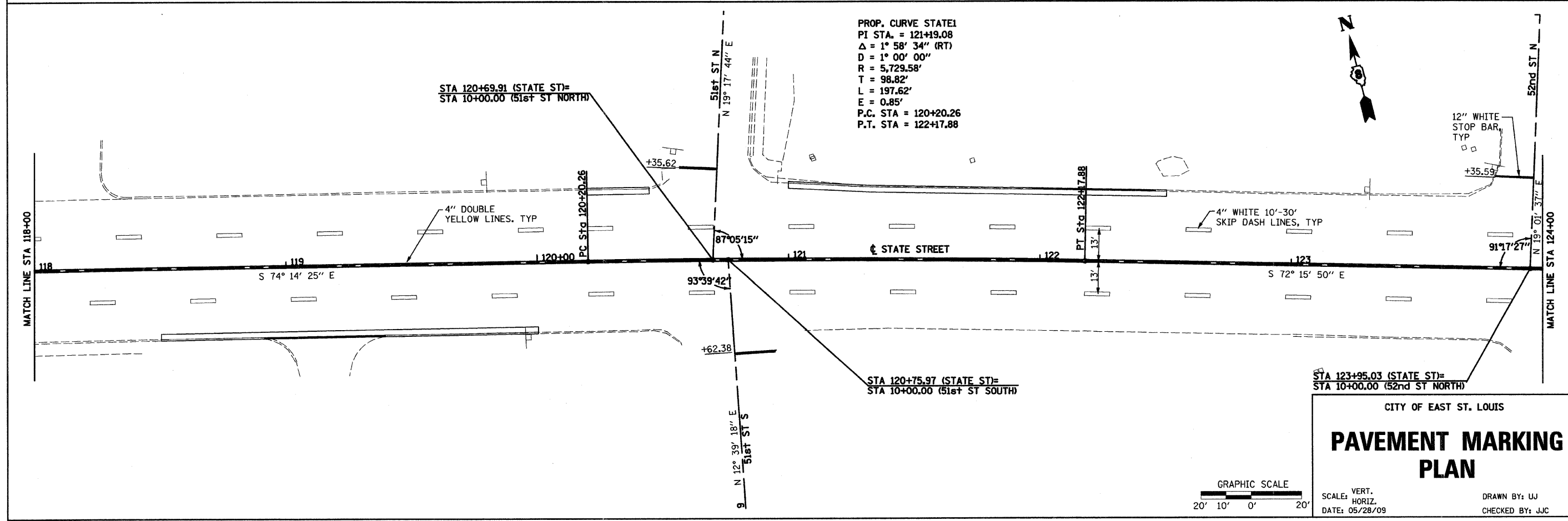
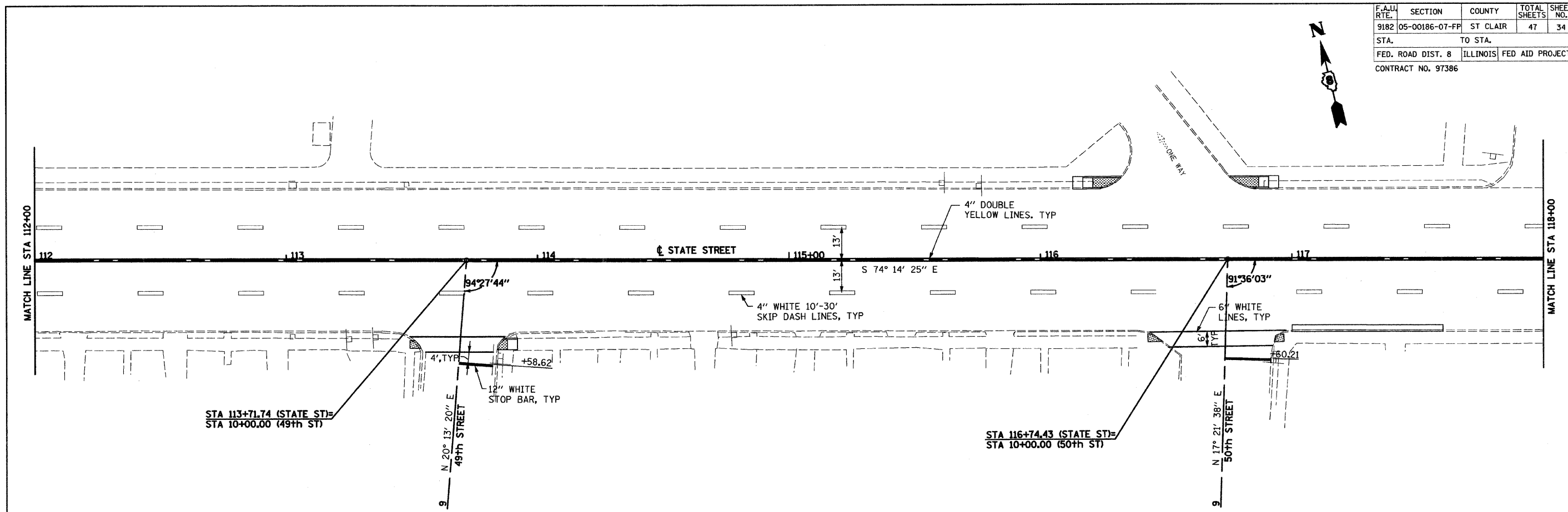
PAVEMENT MARKING PLAN

SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'
 DATE: 05/28/09

GRAPHIC SCALE
 20' 10' 0' 20'

DRAWN BY: UJ
 CHECKED BY: JUC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	34
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS		FED AID PROJECT
CONTRACT NO. 97386				

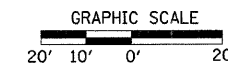


CITY OF EAST ST. LOUIS

PAVEMENT MARKING PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE: 05/28/09

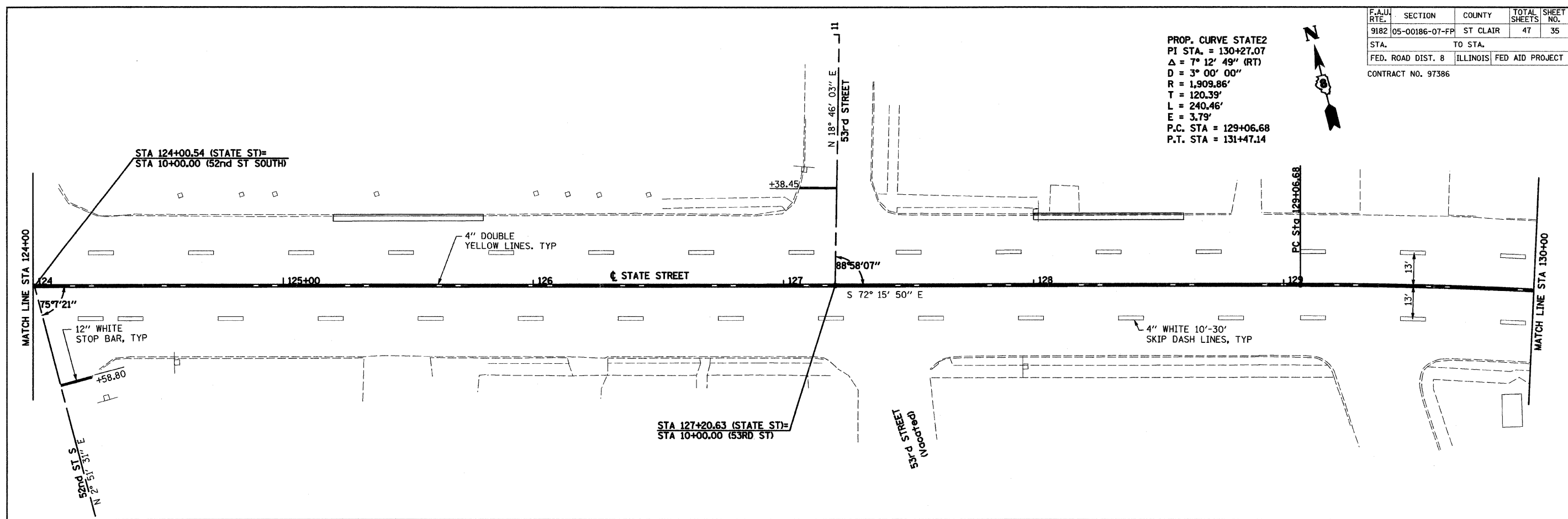
DRAWN BY: UJ
 CHECKED BY: JJC



DRAWING NO. 05/28/09 11:57:20 AM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	35
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				

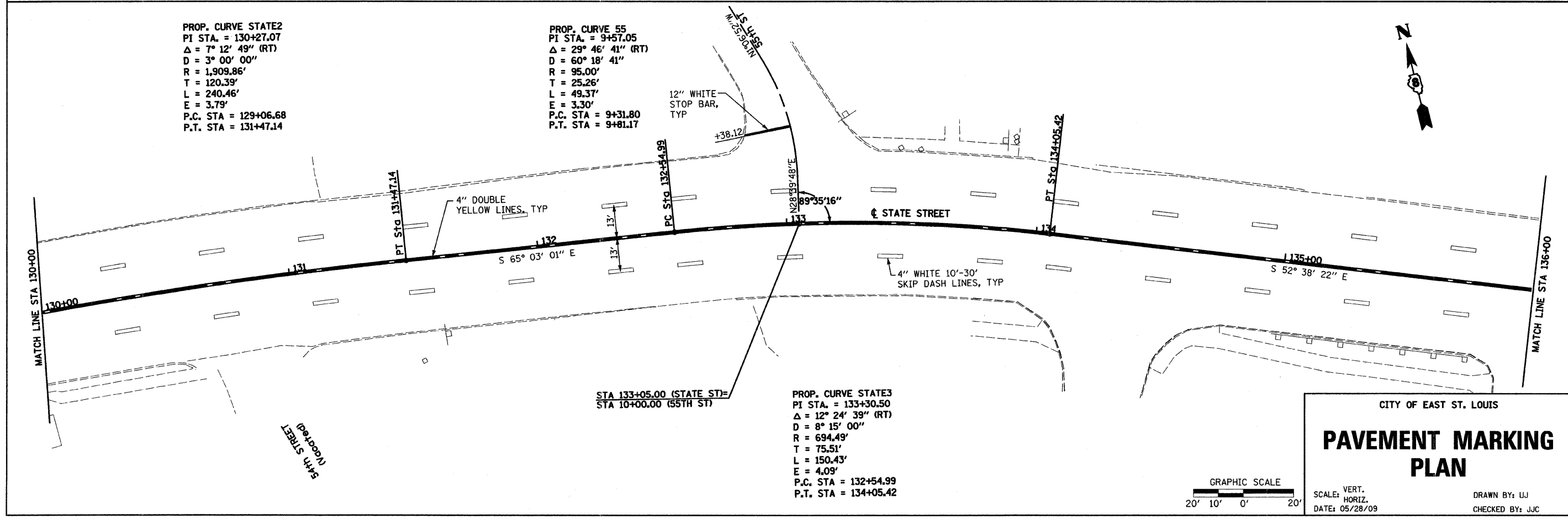
PROP. CURVE STATE2
 PI STA. = 130+27.07
 $\Delta = 7^\circ 12' 49''$ (RT)
 $D = 3^\circ 00' 00''$
 $R = 1,909.86'$
 $T = 120.39'$
 $L = 240.46'$
 $E = 3.79'$
 P.C. STA = 129+06.68
 P.T. STA = 131+47.14



PROP. CURVE STATE2
 PI STA. = 130+27.07
 $\Delta = 7^\circ 12' 49''$ (RT)
 $D = 3^\circ 00' 00''$
 $R = 1,909.86'$
 $T = 120.39'$
 $L = 240.46'$
 $E = 3.79'$
 P.C. STA = 129+06.68
 P.T. STA = 131+47.14

PROP. CURVE 55
 PI STA. = 9+57.05
 $\Delta = 29^\circ 46' 41''$ (RT)
 $D = 60^\circ 18' 41''$
 $R = 95.00'$
 $T = 25.26'$
 $L = 49.37'$
 $E = 3.30'$
 P.C. STA = 9+31.80
 P.T. STA = 9+81.17

PROP. CURVE STATE3
 PI STA. = 133+30.50
 $\Delta = 12^\circ 24' 39''$ (RT)
 $D = 8^\circ 15' 00''$
 $R = 694.49'$
 $T = 75.51'$
 $L = 150.43'$
 $E = 4.09'$
 P.C. STA = 132+54.99
 P.T. STA = 134+05.42



CITY OF EAST ST. LOUIS

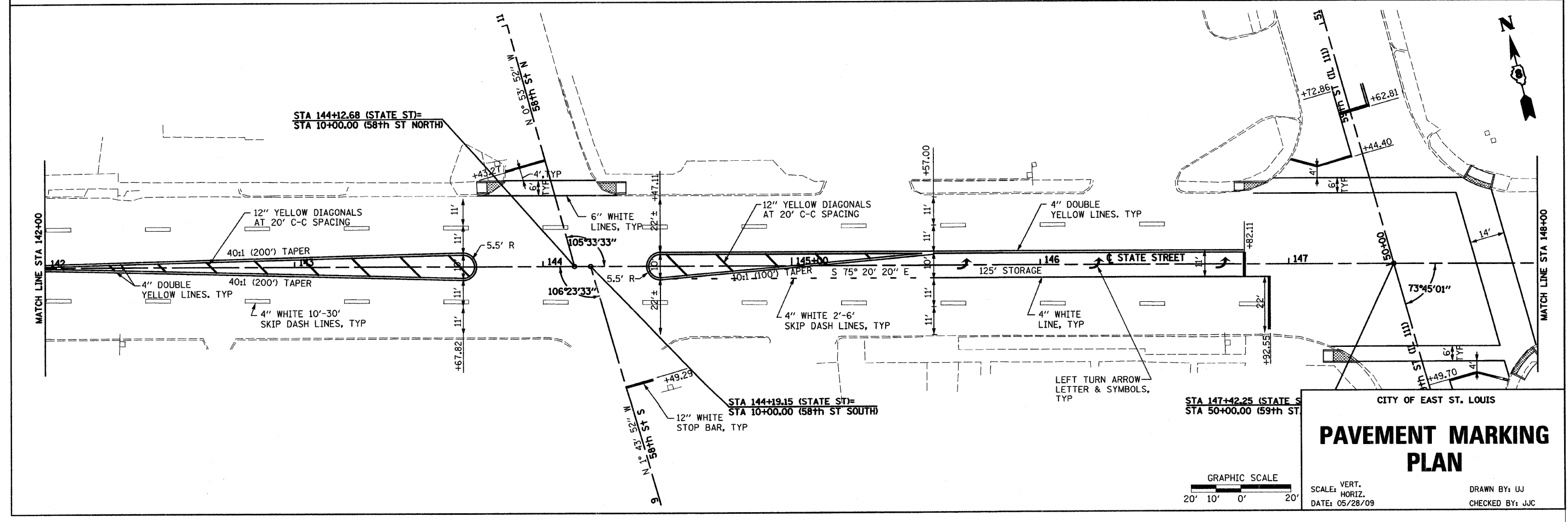
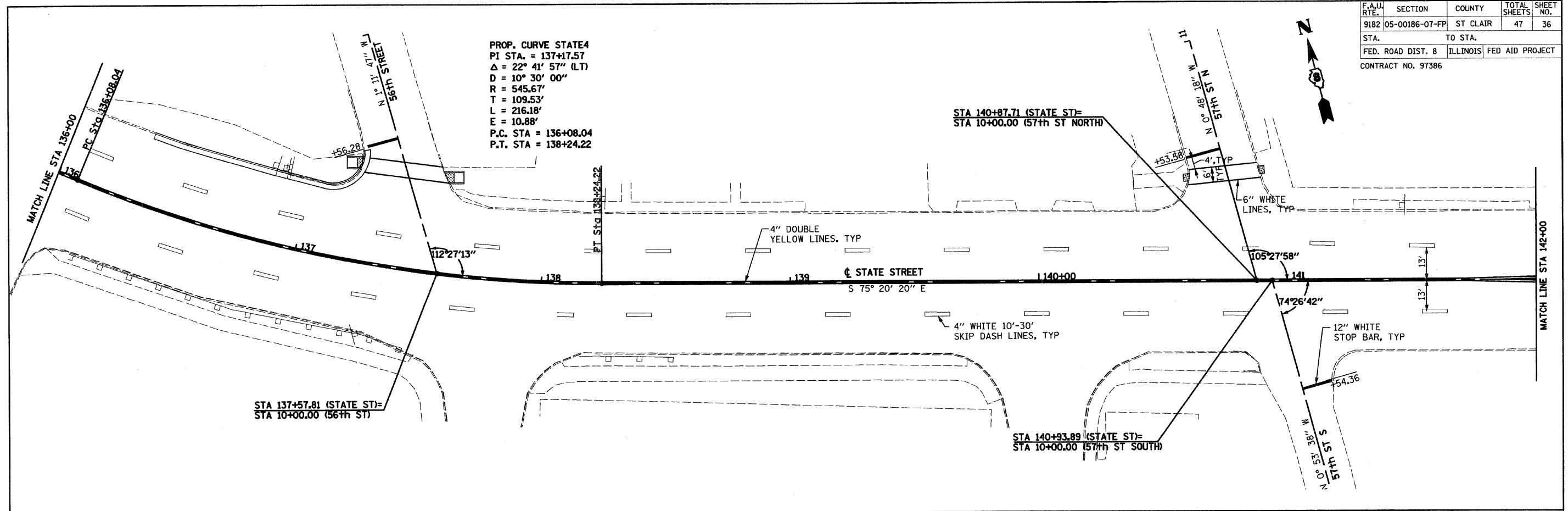
PAVEMENT MARKING PLAN

SCALE: VERT. 20' 10' 0' 20'
 DATE: 05/28/09

DRAWN BY: UJ
 CHECKED BY: JJC

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	36
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				



CITY OF EAST ST. LOUIS

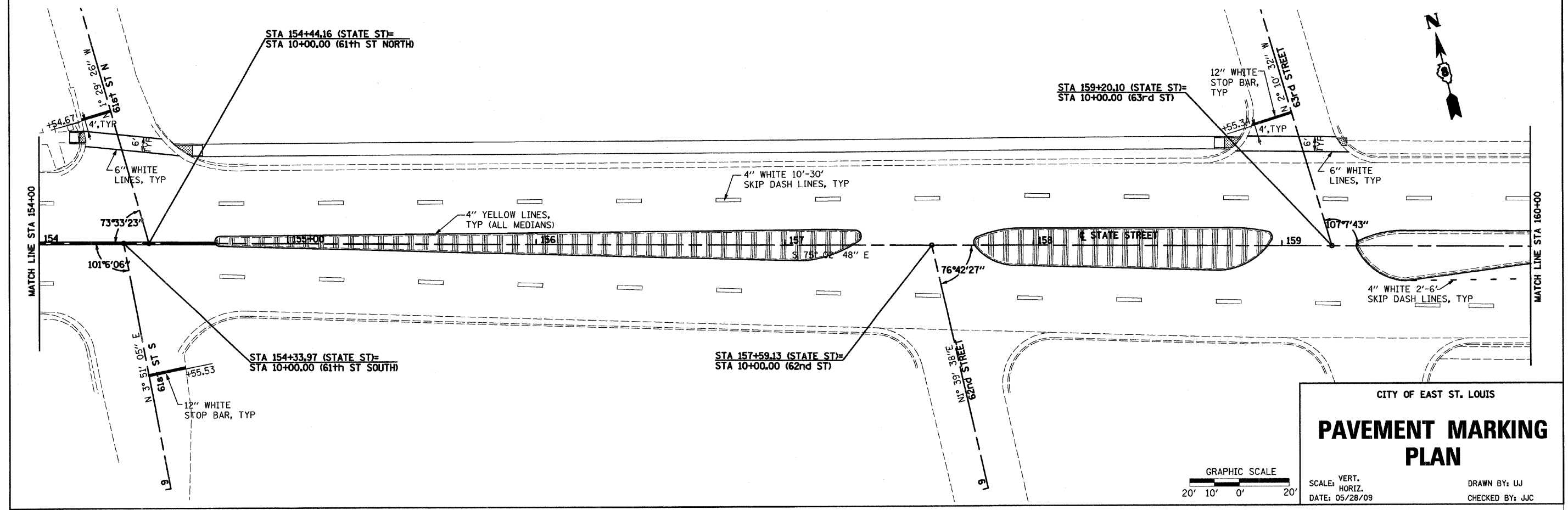
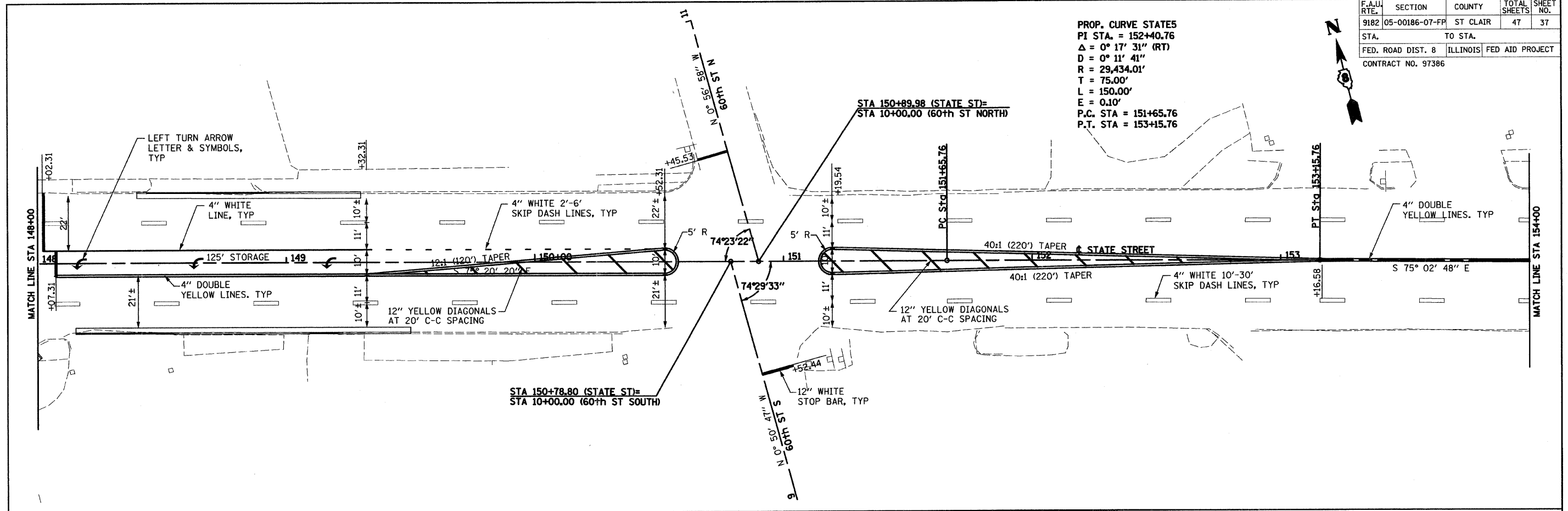
PAVEMENT MARKING PLAN

SCALE: VERT. SCALE: HORIZ. DATE: 05/28/09

DRAWN BY: UJ
CHECKED BY: JJC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	37
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				

PROP. CURVE STATES
 PI STA. = 152+40.76
 Δ = 0° 17' 31" (RT)
 D = 0° 11' 41"
 R = 29,434.01'
 T = 75.00'
 L = 150.00'
 E = 0.10'
 P.C. STA = 151+65.76
 P.T. STA = 153+15.76



CITY OF EAST ST. LOUIS

PAVEMENT MARKING PLAN

GRAPHIC SCALE
 20' 10' 0' 20'

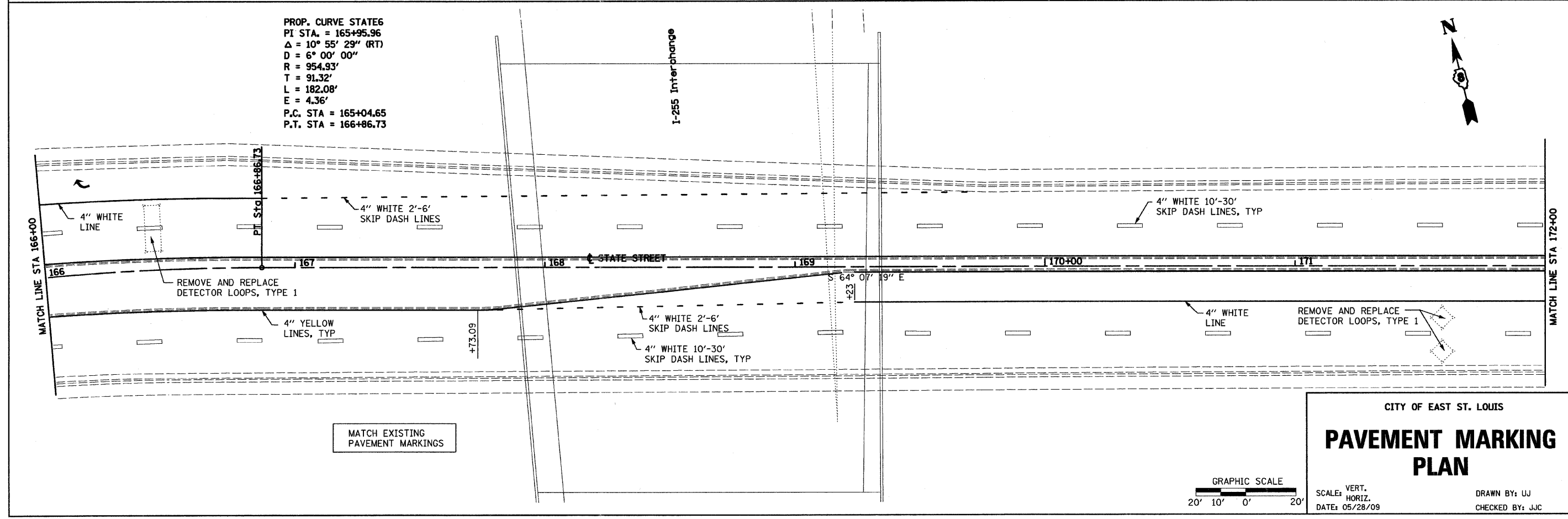
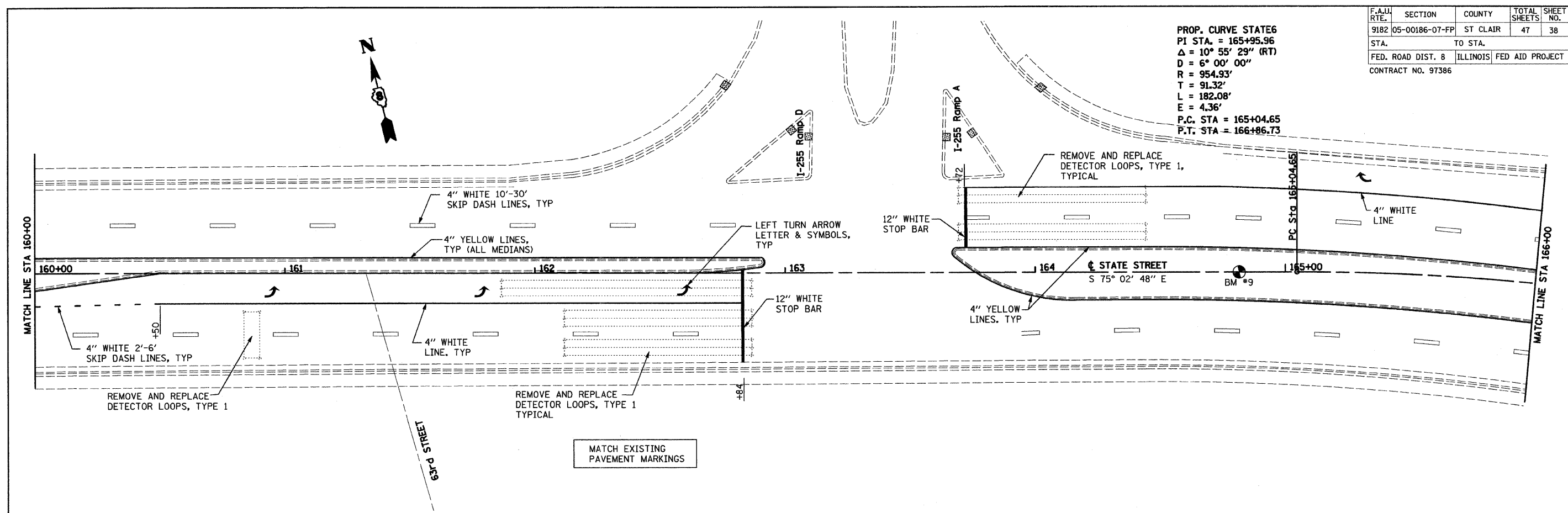
SCALE: VERT. _____
 HORIZ. _____

DATE: 05/28/09

DRAWN BY: UJ
 CHECKED BY: JJC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	38
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				

PROP. CURVE STATE6
 PI STA. = 165+95.96
 $\Delta = 10^\circ 55' 29''$ (RT)
 $D = 6^\circ 00' 00''$
 $R = 954.93'$
 $T = 91.32'$
 $L = 182.08'$
 $E = 4.36'$
 P.C. STA = 165+04.65
 P.T. STA = 166+86.73



CITY OF EAST ST. LOUIS

PAVEMENT MARKING PLAN

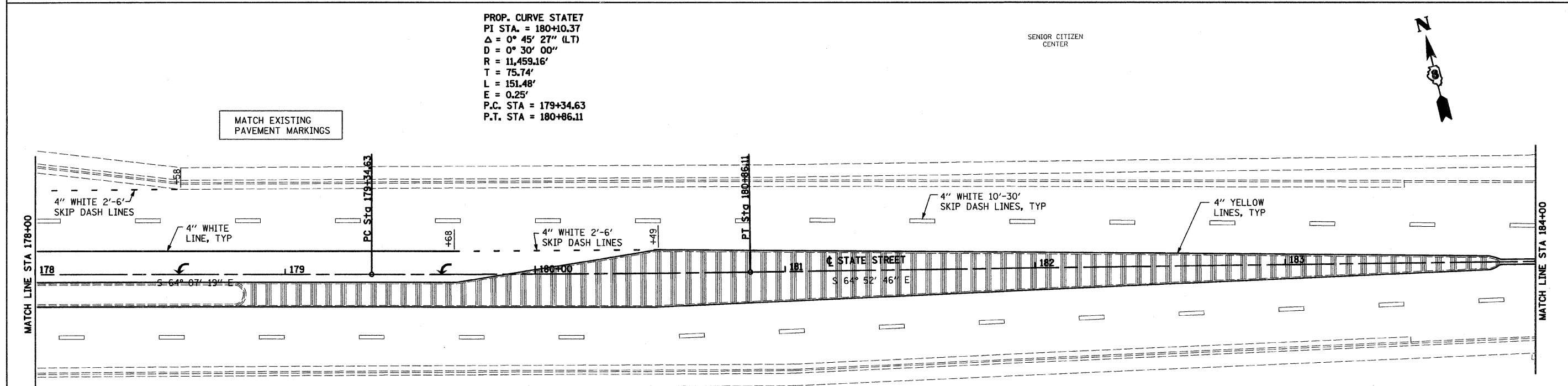
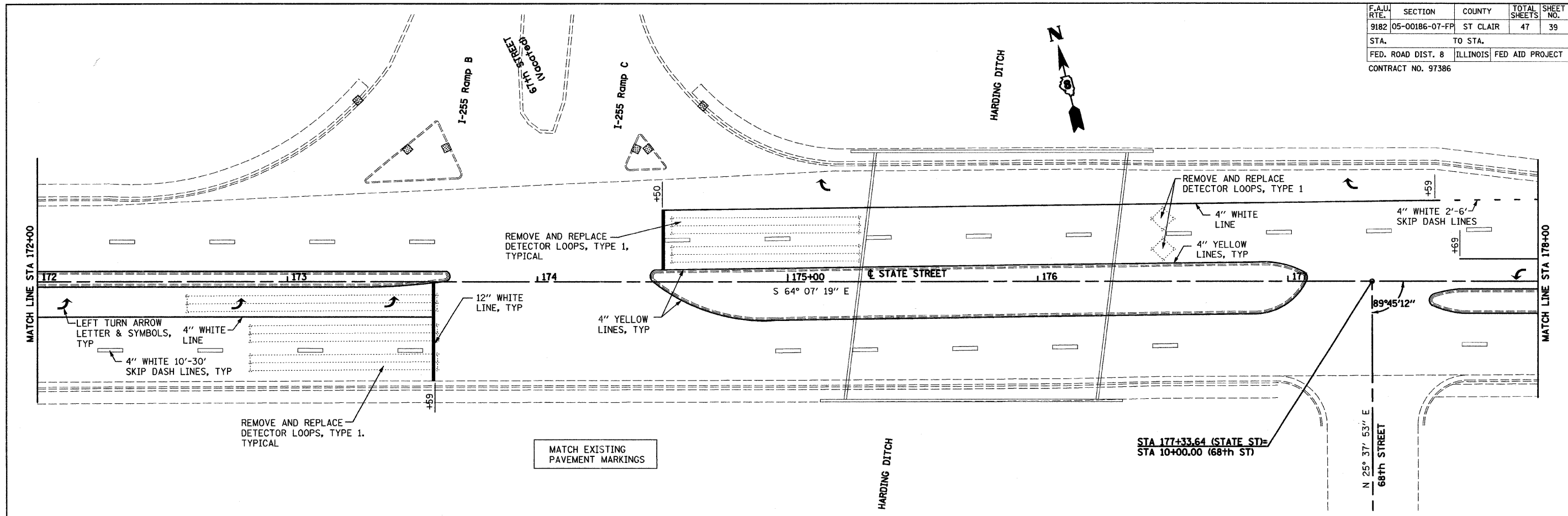
GRAPHIC SCALE
 20' 10' 0' 20'

SCALE: VERT. _____
 HORIZ. _____

DATE: 05/28/09

DRAWN BY: UJ
 CHECKED BY: JJC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	39
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				



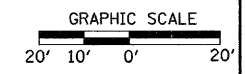
PROP. CURVE STATE 7
 PI STA. = 180+10.37
 $\Delta = 0^\circ 45' 27''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.16'$
 $T = 75.74'$
 $L = 151.48'$
 $E = 0.25'$
 P.C. STA = 179+34.63
 P.T. STA = 180+86.11

CITY OF EAST ST. LOUIS

PAVEMENT MARKING PLAN

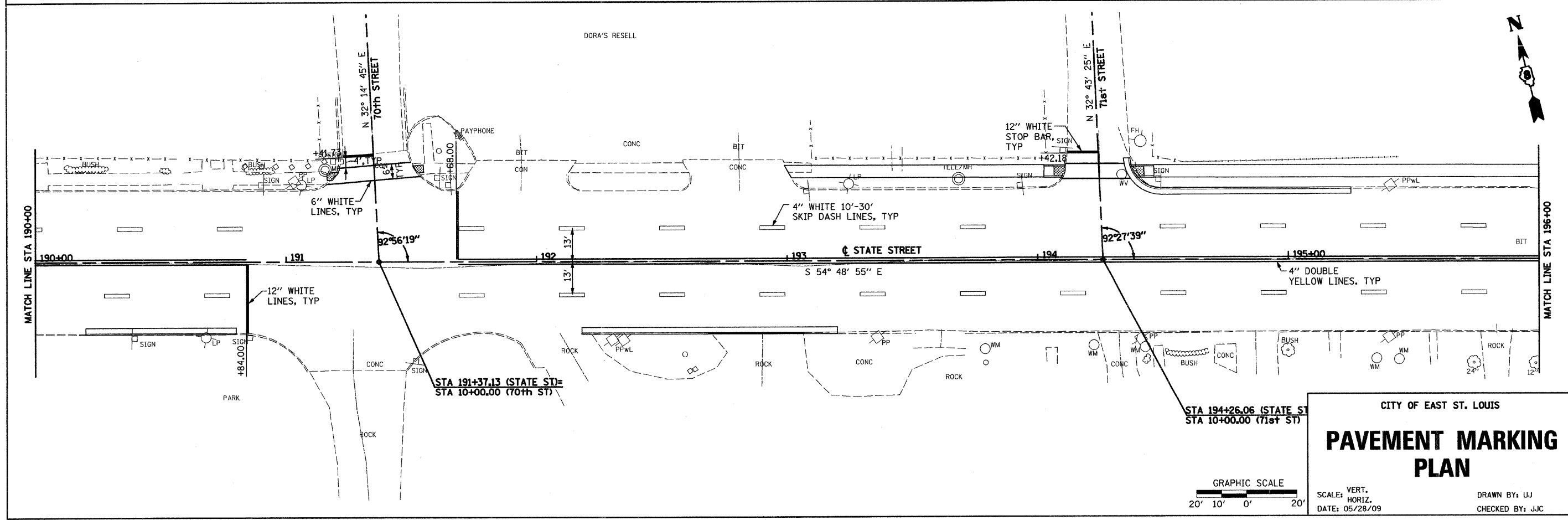
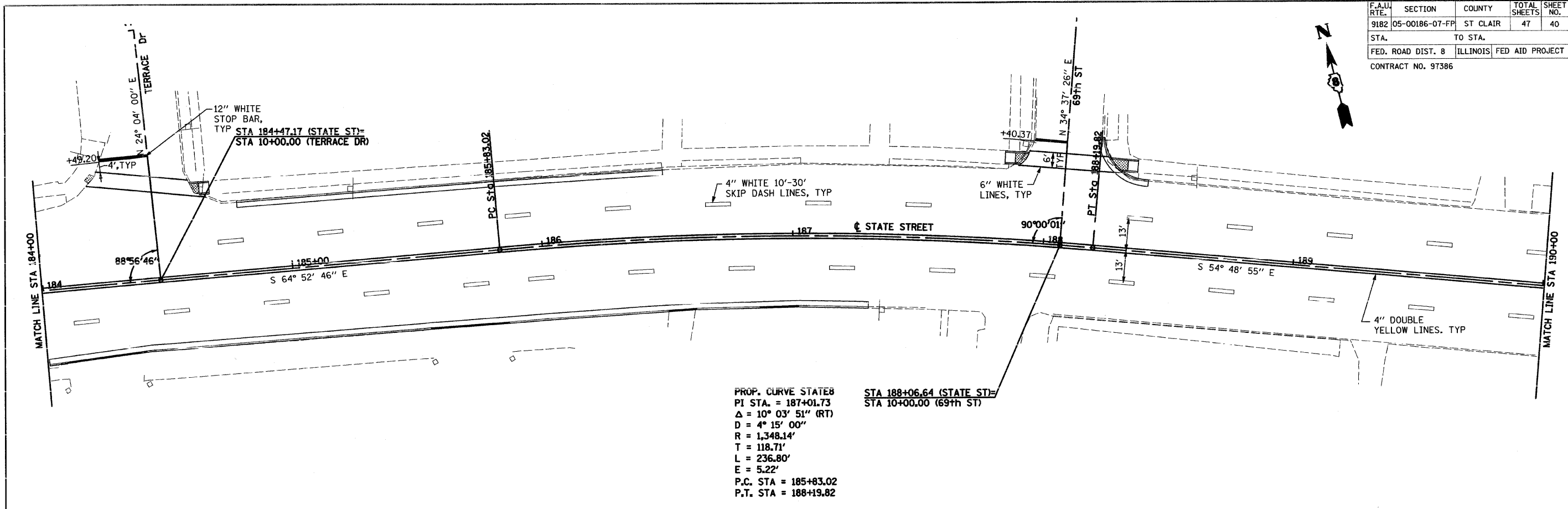
SCALE: VERT. _____
 HORIZ. _____
 DATE: 05/28/09

DRAWN BY: UJ
 CHECKED BY: JJC

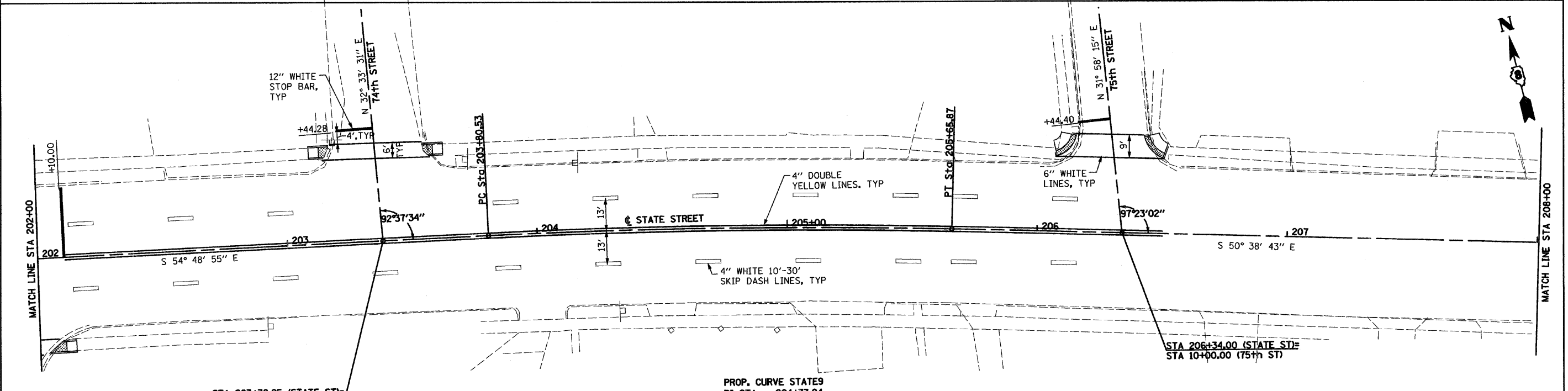
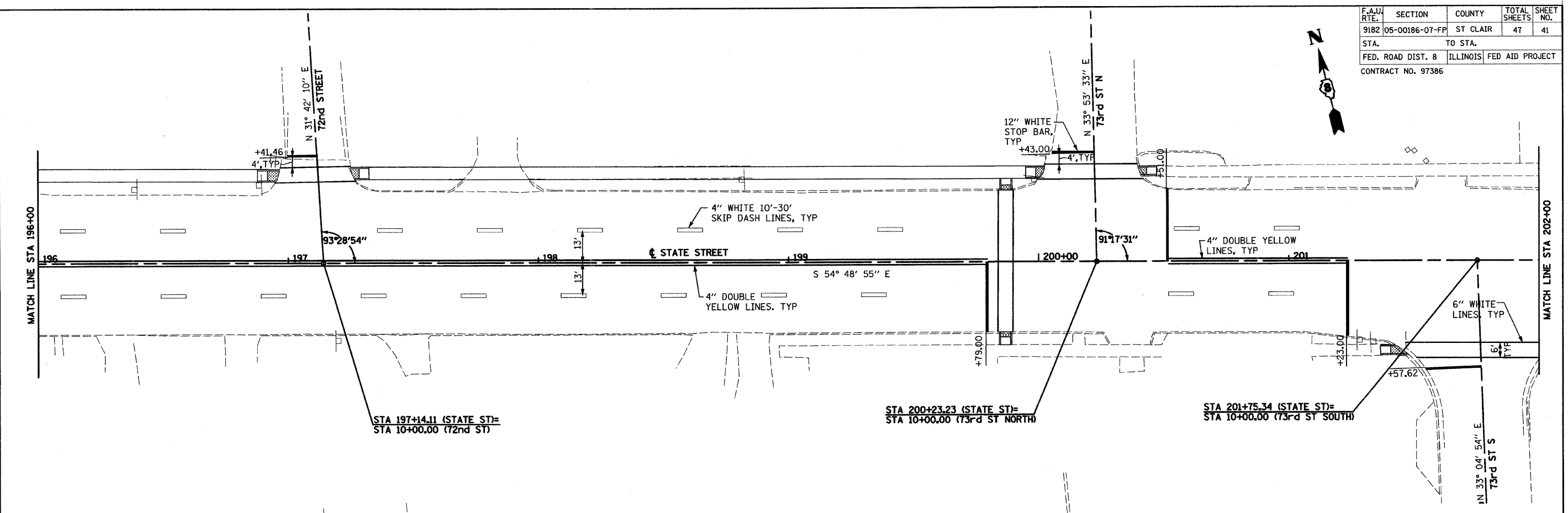


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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	40
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS		FED AID PROJECT
CONTRACT NO. 97386				



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	41
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				



PROP. CURVE STATES
 PI STA. = 204+73.24
 Δ = 4° 10' 13" (RT)
 D = 2° 15' 00"
 R = 2,546.48'
 T = 92.71'
 L = 185.34'
 E = 1.69'
 P.C. STA = 203+80.53
 P.T. STA = 205+65.87

CITY OF EAST ST. LOUIS

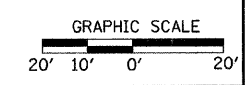
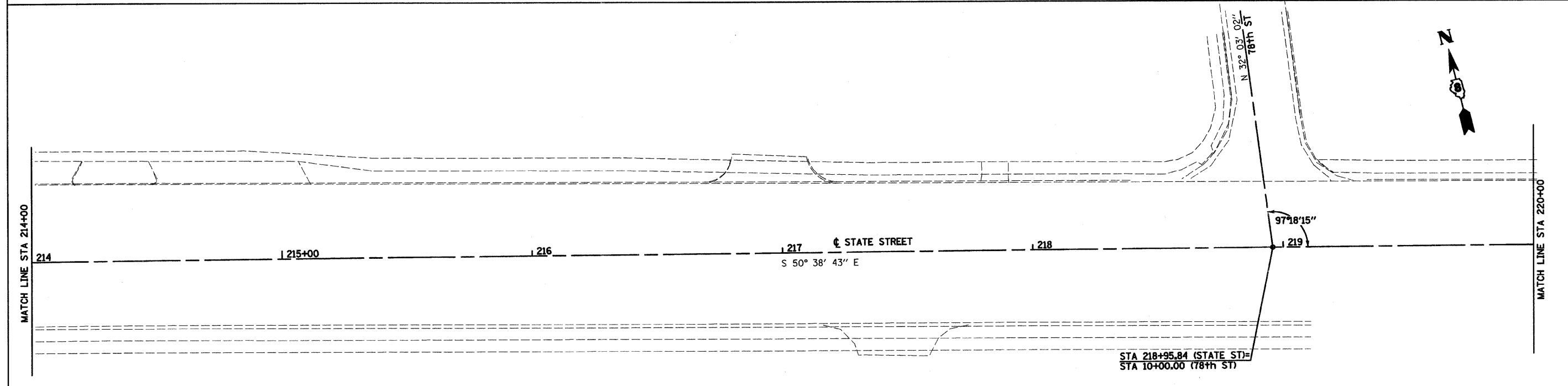
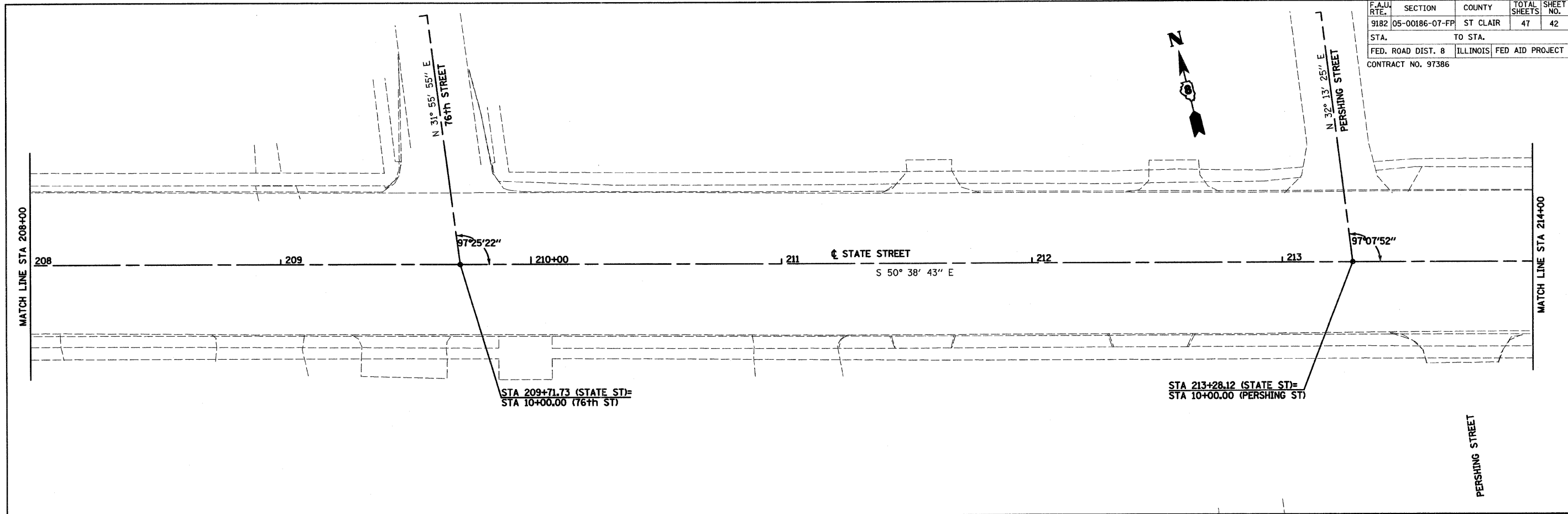
PAVEMENT MARKING PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE: 05/28/09

GRAPHIC SCALE
 20' 10' 0' 20'

DRAWN BY: UJ
 CHECKED BY: JJC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	42
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS	FED AID PROJECT	
CONTRACT NO. 97386				



CITY OF EAST ST. LOUIS

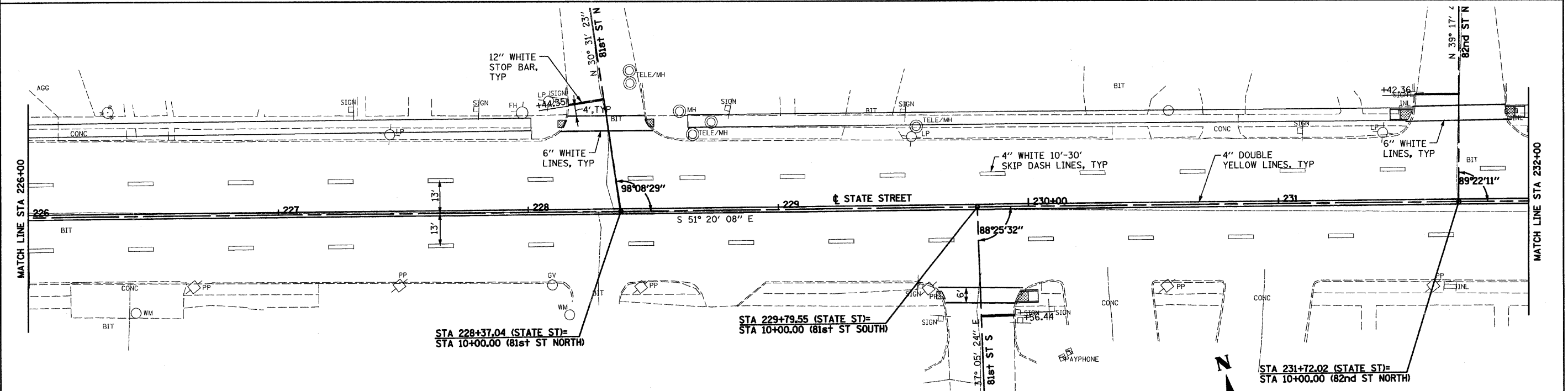
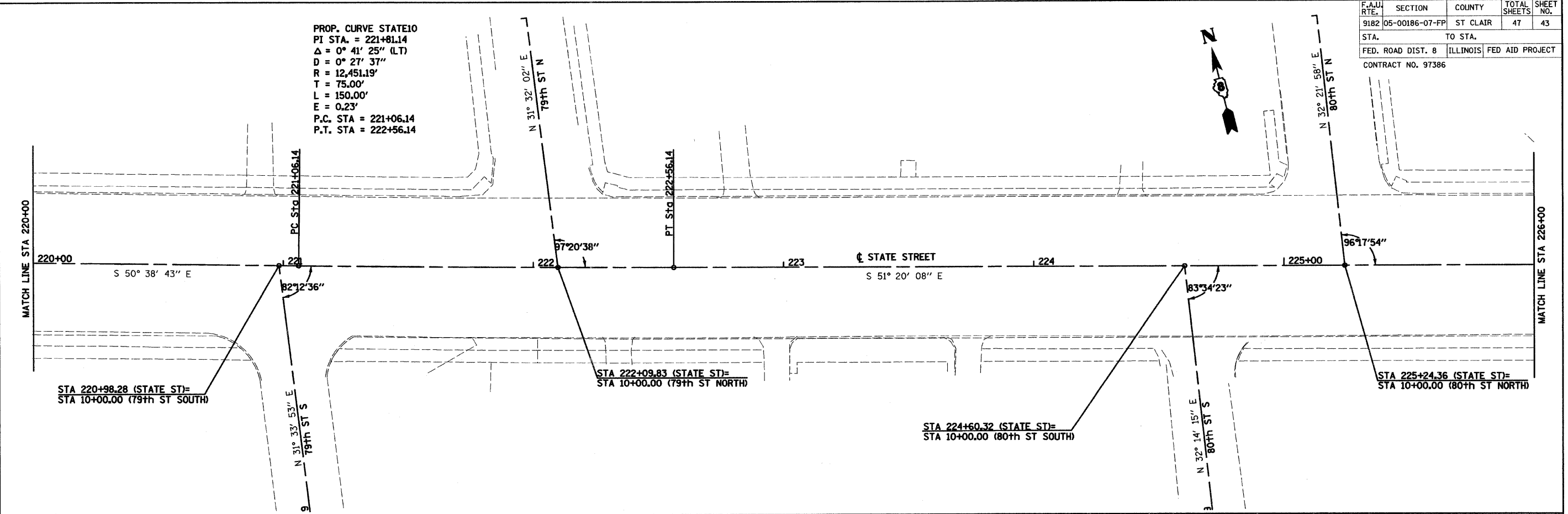
PAVEMENT MARKING PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE: 05/28/09

DRAWN BY: UJ
 CHECKED BY: JJC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	43
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS FED AID PROJECT		
CONTRACT NO. 97386				

PROP. CURVE STATE10
 PI STA. = 221+81.14
 $\Delta = 0^\circ 41' 25''$ (LT)
 $D = 0^\circ 27' 37''$
 $R = 12,451.19'$
 $T = 75.00'$
 $L = 150.00'$
 $E = 0.23'$
 P.C. STA = 221+06.14
 P.T. STA = 222+56.14

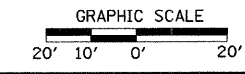


CITY OF EAST ST. LOUIS

PAVEMENT MARKING PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE: 05/28/09

DRAWN BY: UJ
 CHECKED BY: JJC



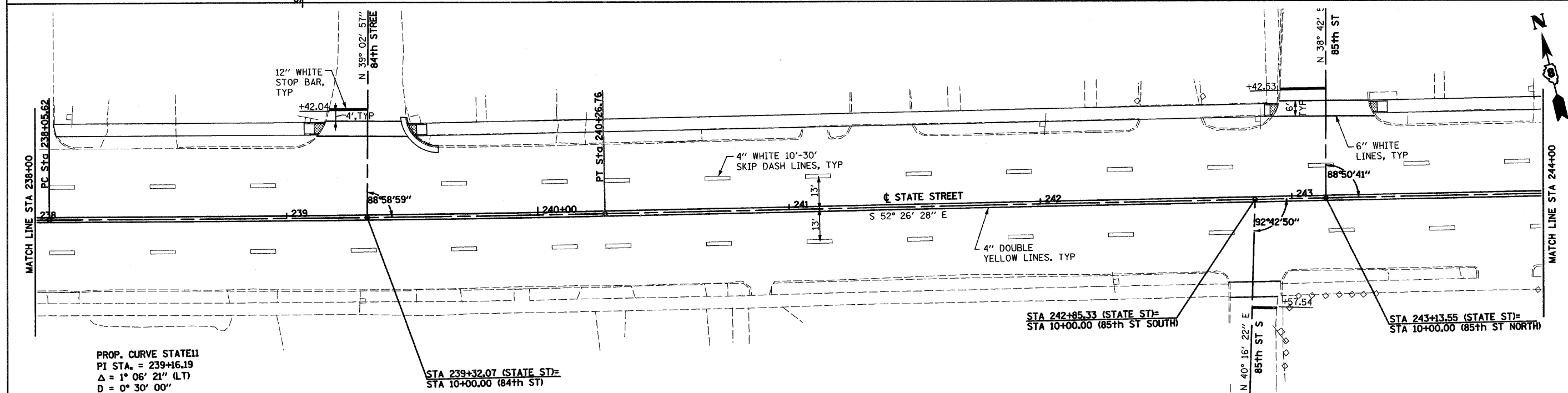
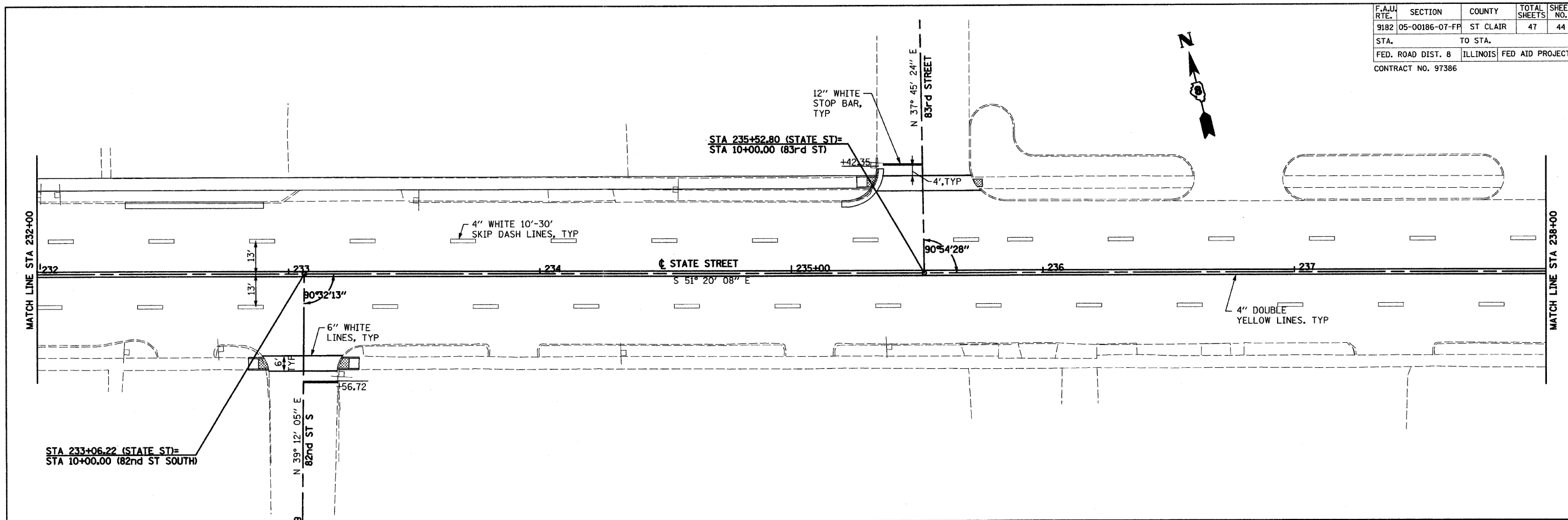
EASTON TIRE

SOUTHERN ILLINOIS HEALTH CARE FOUNDATION

HUDSONS AUTO SERVICE

WWW.MINDIPLT.COM 15/07/2008 4:18:25 PM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	44
STA. TO STA.		ILLINOIS FED AID PROJECT		
FED. ROAD DIST. B		CONTRACT NO. 97386		



PROP. CURVE STATE11
 PI STA. = 239+16.19
 $\Delta = 1^\circ 06' 21''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.16'$
 $T = 110.57'$
 $L = 221.14'$
 $E = 0.53'$
 P.C. STA = 238+05.62
 P.T. STA = 240+26.76

STA 239+32.07 (STATE ST)=
 STA 10+00.00 (84th ST)

STA 242+85.33 (STATE ST)=
 STA 10+00.00 (85th ST SOUTH)

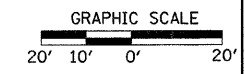
STA 243+13.55 (STATE ST)=
 STA 10+00.00 (85th ST NORTH)

CITY OF EAST ST. LOUIS

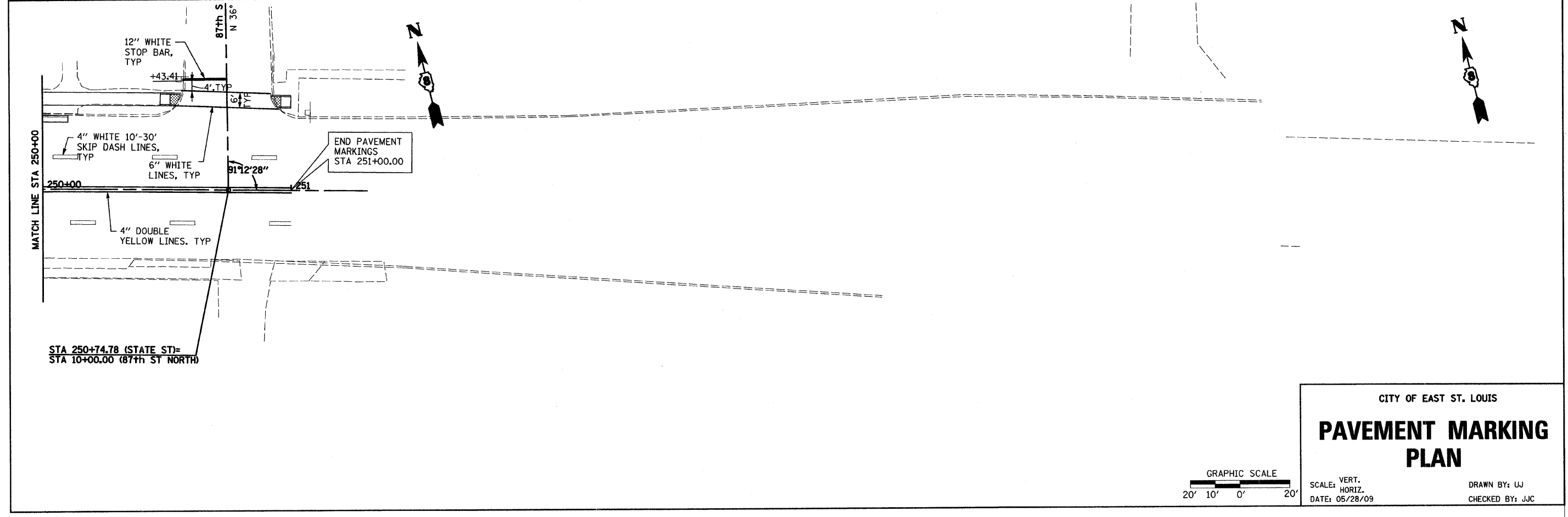
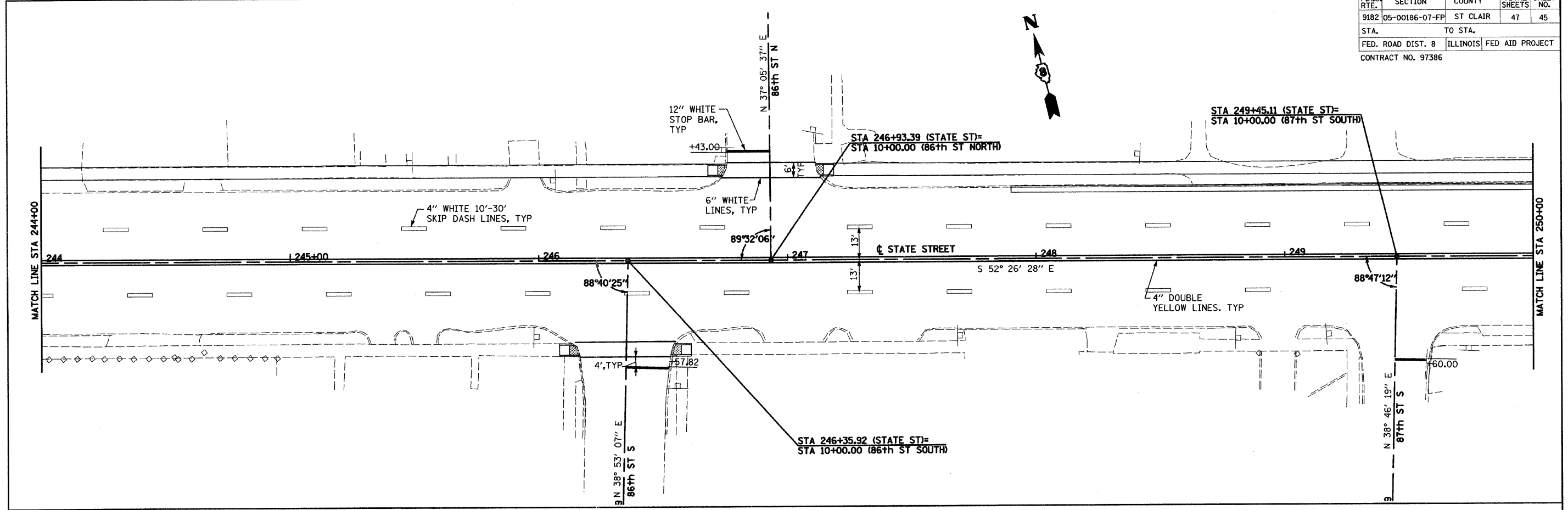
PAVEMENT MARKING PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE: 05/28/09

DRAWN BY: LJ
 CHECKED BY: JJC



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	ST CLAIR	47	45
STA.		TO STA.		
FED. ROAD DIST. 8		ILLINOIS	FED AID PROJECT	
CONTRACT NO. 97386				



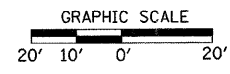
CITY OF EAST ST. LOUIS

PAVEMENT MARKING PLAN

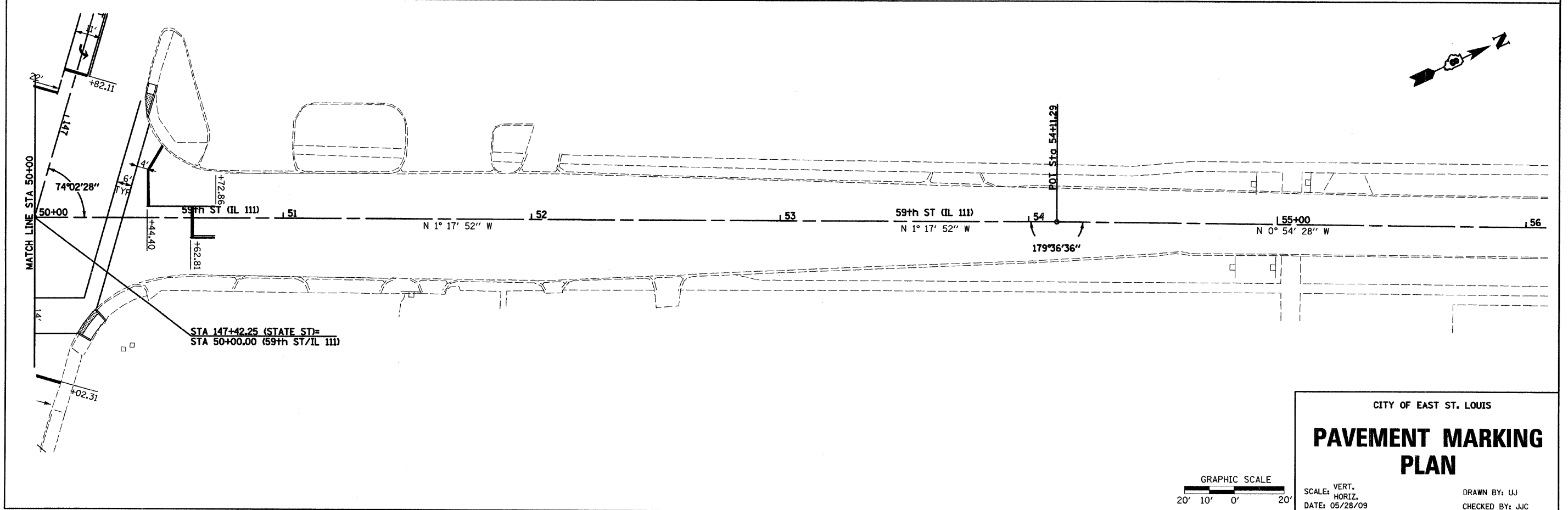
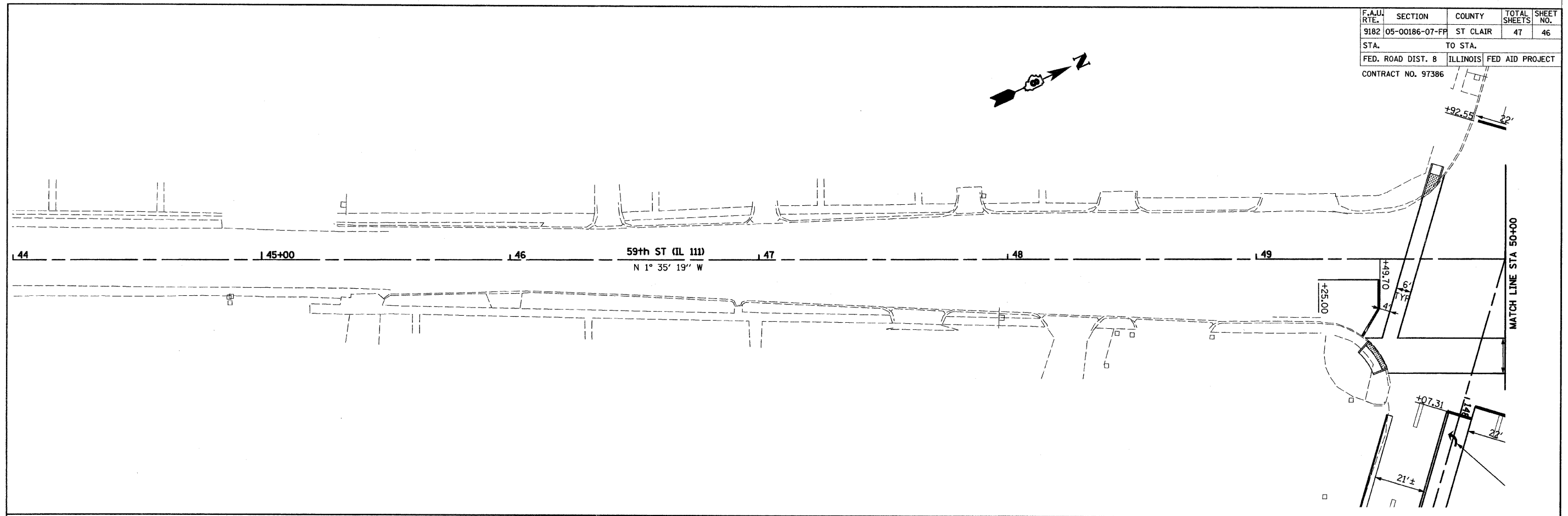
SCALE: VERT. 1" = 10'
HORIZ. 1" = 20'

DATE: 05/28/09

DRAWN BY: UJ
CHECKED BY: JJC



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FF	ST CLAIR	47	46
STA. TO STA.				
FED. ROAD DIST. 8		ILLINOIS	FED AID PROJECT	
CONTRACT NO. 97386				



CITY OF EAST ST. LOUIS

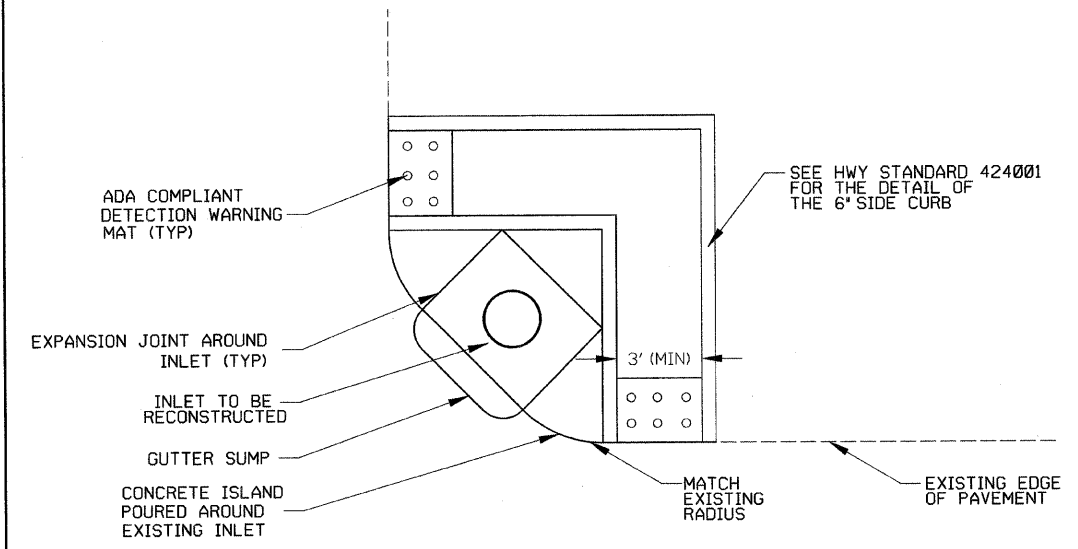
PAVEMENT MARKING PLAN

SCALE: VERT. 1"=20'
 HORIZ. 1"=40'
 DATE: 05/28/09

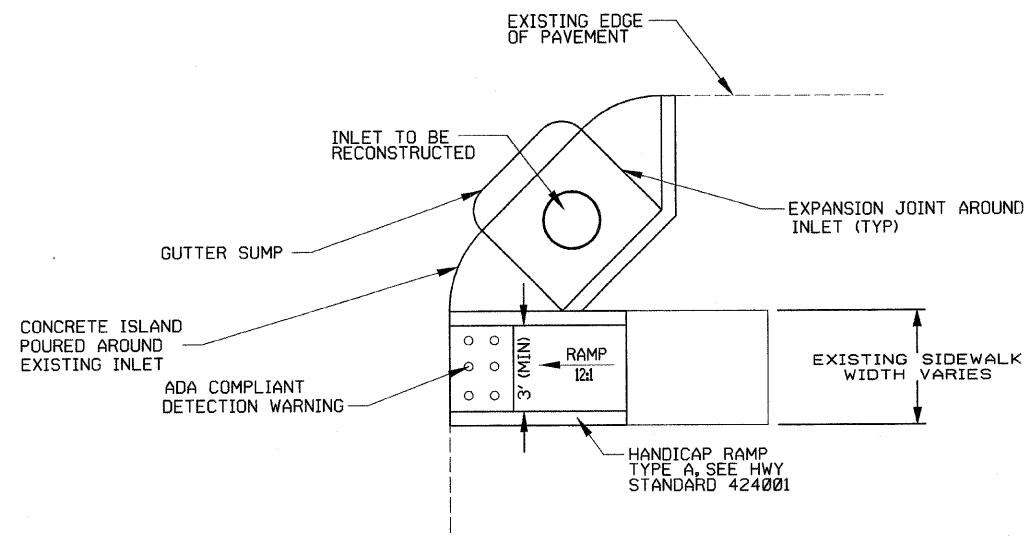
DRAWN BY: UJ
 CHECKED BY: JJC

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00186-07-FP	St. CLAIR	47	47
STA.		TO STA.		
FED. ROAD DIST. NO. 8		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 97386				

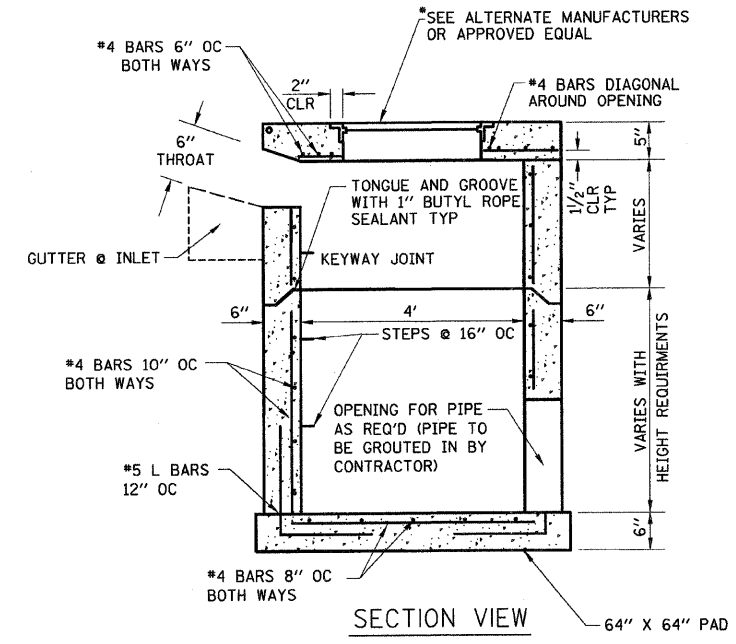
- ALTERNATE MANUFACTURERS
- 1. NEENAH R 1737 CAST IRON (CAST INTO LID)
- 2. EAST JORDAN IRON WORKS MODEL 1154 FRAME & COVER
- 3. ALHAMBRA FOUNDRY MODEL A-1425 FRAME & COVER



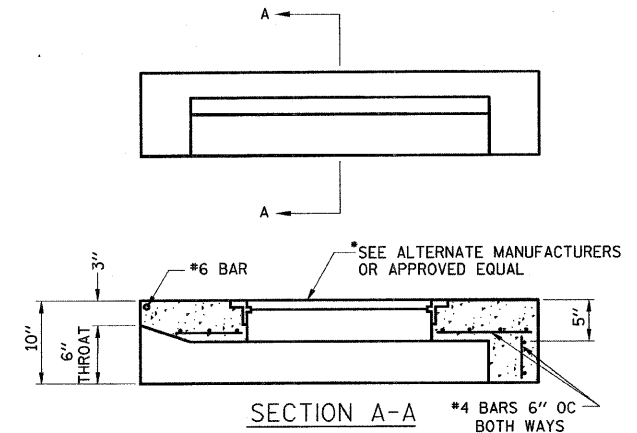
INLET TO BE RECONSTRUCTED
PLAN VIEW @ 47TH STREET
(N.T.S.)



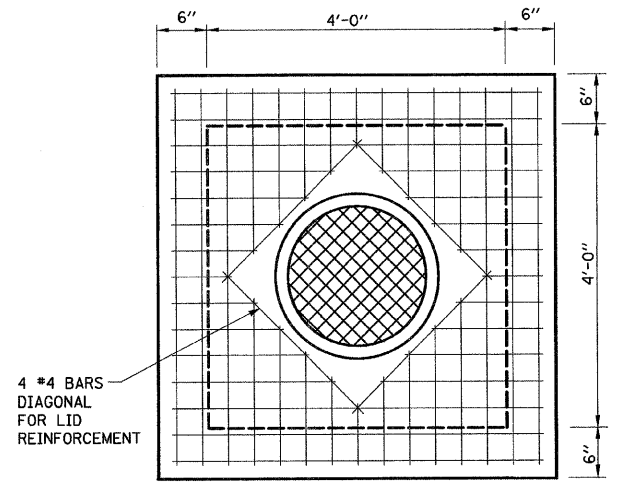
INLET TO BE RECONSTRUCTED
PLAN VIEW
(N.T.S.)



SECTION VIEW



SECTION A-A



PLAN VIEW

INLET TO BE RECONSTRUCTED
(OR APPROVED EQUAL)
NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: VERT. NO SCALE
DATE: 05/28/09

DRAWN BY: UJ
CHECKED BY: JJC