

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR	31	1	
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97393				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

CITY OF EAST ST. LOUIS
RIVER PARK DRIVE (F.A.U. RTE 9187)
CITY SECTION 06-00216-00-SW
PROJECT # ARA-00D8(131)
JOB # C-98-302-09
ST. CLAIR COUNTY
ENHANCEMENT FUNDS

INDEX OF SHEETS

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- 25-31 CROSS SECTIONS
HIGHWAY STANDARD DRAWINGS

HIGHWAY STANDARDS:

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301-02 INLET - TYPE A
- 602401-02 MANHOLE, TYPE A
- 604061-02 FRAME AND GRATE TYPE 12
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 668001-01 US GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS RESETTING METHOD
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701606-06 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701901-01 TRAFFIC CONTROL DEVICES
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 876001-01 PEDESTRIAN PUSH BUTTON POST
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS

UTILITY OWNERS

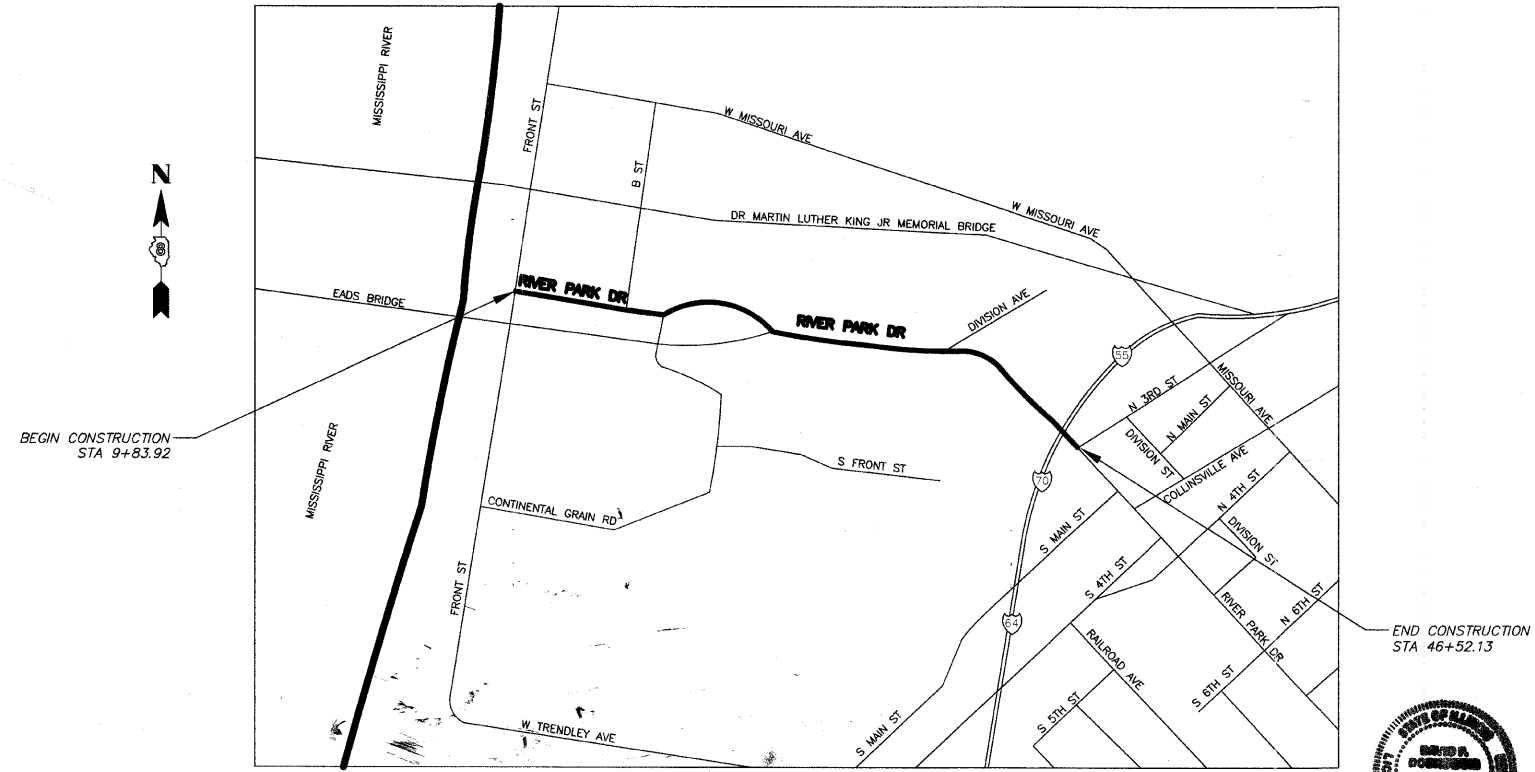
AGENCIES KNOWN TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING (*JULIE MEMBER):
 *AMEREN UE
 *AMERTECH
 *ILLINOIS AMERICAN WATER COMPANY
 *CITY OF EAST ST. LOUIS
 *MCI



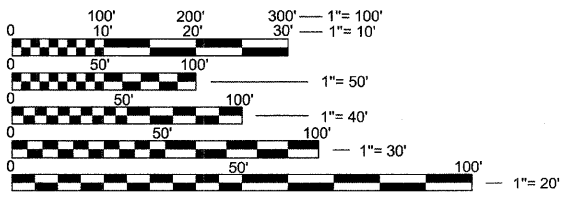
LOCATION OF SECTION INDICATED THIS: - [Black Box] -

DATE	BY	REVISION

DATE	BY	REVISION



LOCATION MAP
NOT TO SCALE



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.

TOTAL LENGTH OF SECTION 3,668.21 FEET = 0.695 MILES

DESIGN SPEED
URBAN 30 MPH
ROADWAY DESIGN DESIGNATION
LOCAL ROAD & MINOR ARTERIAL

DESIGN TRAFFIC
2008 ADT 11,483
2028 ADT 17,062



ABNA ENGINEERING, INC
CONSULTING ENGINEERS
EAST ST. LOUIS, ILLINOIS

NAME: DAVID P. DOBKOWSKI
EXPIRATION DATE: 11/30/2009

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

APPROVED August 6, 2009
Alvin L. Parks, Jr.
ALVIN PARKS, JR., MAYOR, CITY OF EAST ST. LOUIS

PASSED 8/12, 2009
[Signature]
DISTRICT 8 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 8/12, 2009
[Signature]
MARY C. LAMIE, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

DATE
FILE NAME
PLOT SCALE
USER NAME

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW		ST. CLAIR	31	2
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
EAST ST. LOUIS				

SUMMARY OF QUANTITIES

IDOT CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL	CODE	TRAFFIC	LIGHTS
			QUANTITY	SFTY-1B	CODE Y031-F	CODE Y030-1E
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	52	52		
20200100	EARTH EXCAVATION	CU YD	2530	2530		
20800150	TRENCH BACKFILL	CU YD	170	170		
20900110	POROUS GRANULAR BACKFILL	CU YD	4303	4303		
25000200	SEEDING, CLASS 2	ACRE	0.98	0.98		
28000500	INLET AND PIPE PROTECTION	EACH	18	18		
31100700	SUB-BASE GRANULAR MATERIAL, TYPE A, 8"	SQ YD	1670	1670		
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	1670	1670		
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	308	308		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	15032	15032		
42400800	DETECTABLE WARNINGS	SQ FT	64	64		
44000100	PAVEMENT REMOVAL	SQ YD	1564	1564		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	194	194		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1665	1665		
44000600	SIDEWALK REMOVAL	SQ FT	3317	3317		
44201978	CLASS D PATCHES, TYPE III	SQ YD	241	241		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"	EACH	1	1		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"	EACH	1	1		
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	1381	1381		
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	148	148		
* 56400100	FIRE HYDRANTS TO BE MOVED	EACH	2	2		
60236900	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	EACH	15	15		
60260100	INLETS TO BE ADJUSTED	EACH	1	1		
60264000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 12 FRAME AND GRATE	EACH	4	4		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3087	3087		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	5		2
67100100	MOBILIZATION	L SUM	1	1		
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	314	314		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	295	295		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	80	80		
* 81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	3307			3307
* 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	15		15	
* 81021310	CONDUIT PUSHED, 1 1/4" DIA., PVC	FOOT	290			290
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	3957			3957
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	7914			7914
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3322		15	3307
* 83600100	LIGHT POLE FOUNDATION	EACH	36			36
* 84200802	REMOVAL OF POLE FOUNDATION	EACH	36			36
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	246		246	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	246		246	
* 87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	3		3	
* 87900200	DRILL EXISTING HANDHOLE	EACH	3		3	
* 88100300	PEDESTRIAN SIGNAL HEAD, 2-FACE, POST MOUNTED	EACH	1		1	
* 88100400	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED	EACH	3		3	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4		4	
X0321309	CONCRETE PAD	SQ YD	12	12		
* X0325077	FIBER OPTIC UTILITY MARKER	EACH	2	2		
* X0325220	REMOVE AND REINSTALL SIGN PANEL	SQFT	16	16		
* X0325425	REMOVE AND RESET POWER POLE	EACH	2	2		
* X7240800	REMOVE AND RE-ERECT EXISTING SIGN	EACH	3	3		
* X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1			1
Z0062000	SAW CUTTING	FOOT	3828	3828		
XX002093	REMOVAL OF EXISTING RIPRAP	SQ YD	483	483		
* XX002185	RELOCATE EXISTING LIGHT POLE	EACH	36			36
XX005896	CONCRETE PAD REMOVAL	SQFT	225	225		
* XX005917	GUY WIRE RELOCATION	L SUM	1	1		
XX104100	CONNECTION TO EXISTING MANHOLE	EACH	3	3		
	* DENOTES SPECIALTY ITEMS					

COMMITMENTS:
NONE

GENERAL NOTES:

- THE EXISTING SITE SURVEY WAS PERFORMED BY ABNA ENGINEERING, INC. ABNA ENGINEERING, INC. HAS BASED ALL DESIGN WORK ON THIS SURVEY.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE THROUGH THE JULIE SYSTEM BY CALLING 800-892-0123 OR BY DIRECT CONTACT WITH NON-MEMBERS OF JULIE.

AGENCIES KNOWN TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING (*JULIE MEMBER):

- *AMEREN UE
- *AMERITECH
- *ILLINOIS AMERICAN WATER COMPANY
- *CITY OF EAST ST. LOUIS
- *MCI

- THE IMPROVEMENTS ARE LOCATED IN THE SERVICE AREAS OF EAST ST. LOUIS PUBLIC WORKS, ILLINOIS AMERICAN WATER COMPANY, AMEREN UE, AMERITECH, AND MCI.
- ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT IDOT STANDARDS, SPECIFICATIONS, AND REQUIREMENTS, UNLESS OTHERWISE SPECIFICALLY NOTED.
- NO DRAINAGE STRUCTURES SHALL BE ALTERED OR IMPACTED BY THIS PROJECT, UNLESS OTHERWISE SPECIFICALLY NOTED.
- THE CONTRACTOR SHALL PROVIDE OFF-STREET PARKING FOR ALL EMPLOYEES AND SUBCONTRACTORS.
- NO MUD OR CONSTRUCTION DEBRIS OF ANY KIND MAY BE TAKEN OR TRACKED OFFSITE ONTO PUBLIC ACCESS ROUTES. THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL IMMEDIATELY REMOVE ALL SUCH MUD OR DEBRIS FROM PUBLIC ACCESS ROUTES.
- EXISTING CONTOURS REPRESENT THE GROUND AND PAVEMENT SURFACES EXISTING ON THE DATE OF SURVEY. THE CONTRACTOR SHALL PERFORM A PRELIMINARY TOPOGRAPHIC SURVEY AND NOTIFY THE PROJECT MANAGER OF ANY DISCREPANCIES (BETWEEN PLAN AND ACTUAL CONDITIONS) AT LEAST TWO WORKING DAYS PRIOR TO COMMENCEMENT OF LAYOUT OF PROPOSED WORK.
- THE FOLLOWING REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE
AC/PG	PG 64-22
RAP % (MAX)	10%
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMPOSITION (GRADATION MIXTURE)	
FRICTION AGG	MIXTURE "D"

- ALL CONTROL POINTS SHOWN ON THE DRAWINGS SHALL BE PRESERVED. IF DAMAGED, THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE THEM.
- DIMENSIONS PROVIDED ON PLAN SHEETS SHALL BE FOLLOWED. DIMENSIONS SHALL NOT BE SCALED FROM PLAN SHEETS. ELECTRONIC DESIGN FILES WILL NOT BE AVAILABLE FOR USE BY THE CONTRACTOR.
- ROADWAY AND GRADING PLANS, PROFILES, AND DETAILS HAVE BEEN DESIGNED TO PROVIDE ADEQUATE POSITIVE SURFACE DRAINAGE AT ALL LOCATIONS WITHIN THE FOOTPRINT OF IMPROVEMENTS. NO DEVIATIONS FROM PLANS, PROFILES, AND DETAILS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.
- NO PONDING OF WATER WILL BE ALLOWED. ALL REQUESTS FOR CLARIFICATION REGARDING PROPOSED GRADING SHALL BE DIRECTED TO THE ENGINEER AT LEAST TWO WORKING DAYS PRIOR TO COMMENCEMENT OF LAYOUT OF PROPOSED WORK.
- THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, PRIOR TO FINAL SURFACE TREATMENT OR PAVING, SHALL REWORK ALL PONDED AREAS.
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- SEDIMENTATION CONTROL SHALL BE PROVIDED AROUND ALL OPEN INLETS AND MANHOLES, AND ALONG ALL DISTURBED AREAS AT DOWNSLOPE LOCATIONS.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AT EACH LOCATION UNTIL VEGETATIVE COVER IS SUFFICIENTLY ESTABLISHED TO PRECLUDE EROSION OR SEDIMENTATION AT THAT LOCATION.
- THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL REMOVE ALL RUBBISH, TRASH, AND DEBRIS, WHETHER EXISTING OR GENERATED BY THE CONSTRUCTION PROCESS, FROM THE SITE DURING OR UPON COMPLETION OF WORK.
- ALL TRAFFIC CONTROL NECESSARY TO MAINTAIN A SAFE WORK SITE AND A SAFE SURROUNDING AREA FOR THE GENERAL PUBLIC, SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR. CONTRACTOR SHALL DEVELOP THE NECESSARY CONTROL IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS, LATEST EDITION (MUTCD)

CONTROL POINTS:

CONTROL POINT	NORTHING	EASTING	ELEVATION	TYPE
300	714737.504	2294297.312	423.49	TP ROD
301	714427.921	2294551.664	425.74	TP ROD
302	714295.051	2295281.482	425.75	TP ROD
303	713054.491	2298037.204	416.62	TP 60D NAIL
304	713519.145	2297512.959	416.05	TP ROD
305	712938.633	2297466.679	411.93	TP ROD

DATE: _____ BY: _____
 PLAN: _____
 SURVEYED: _____
 DRAWING CHECKED: _____
 REVISIONS: _____
 DATE: _____ BY: _____

DATE: _____ BY: _____
 PROFILE: _____
 SURVEYED: _____
 DRAWING CHECKED: _____
 REVISIONS: _____
 DATE: _____ BY: _____

DATE: _____
 FILE NAME: _____
 PLOT SCALE: _____
 USER NAME: _____

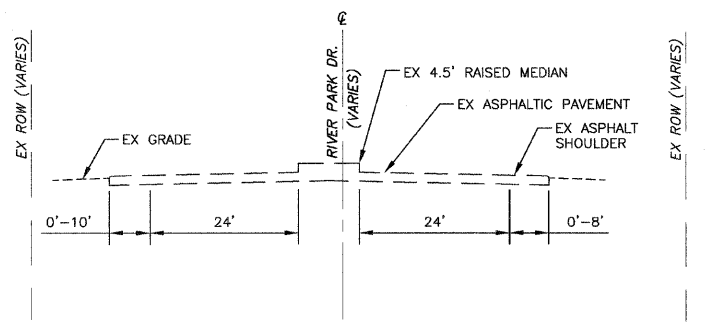
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00216-00-SW	ST. CLAIR	31	3
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
EAST ST. LOUIS				

TYPICAL SECTIONS

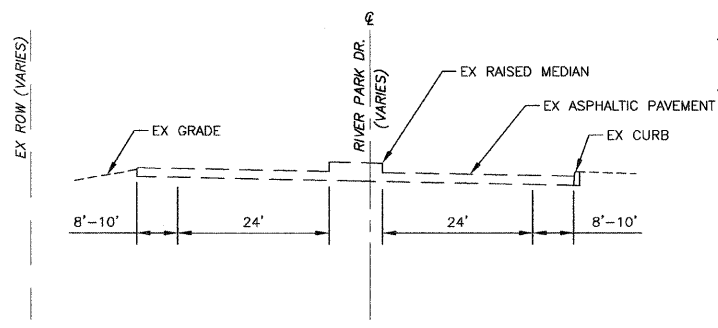
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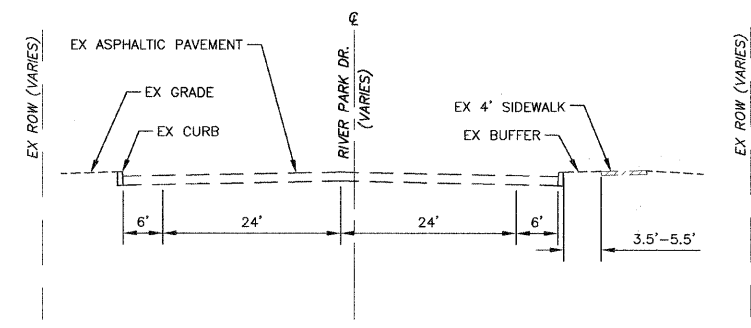
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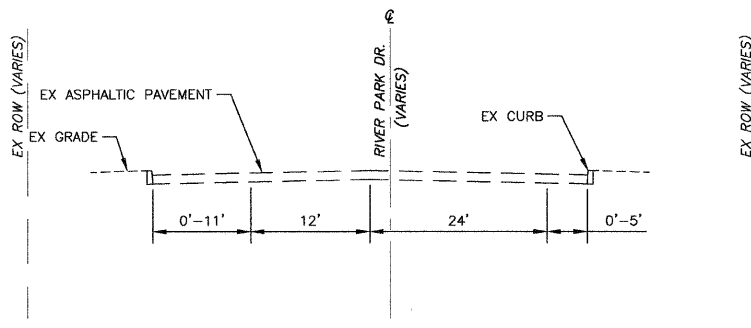
TYPICAL EXISTING SECTION
 STA 10+49.63 TO STA 20+57.10
 STA 28+77.06 TO STA 32+09.17
 N.T.S.
 MEDIAN ONLY EXISTS FROM STA 19+52.28 TO STA 20+57.10



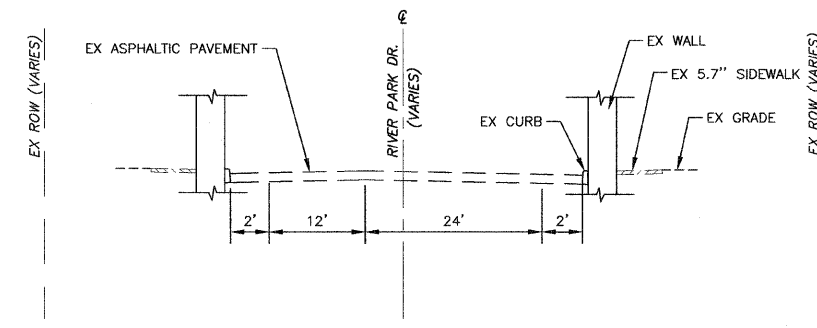
TYPICAL EXISTING SECTION
 STA 20+57.10 TO STA 28+77.06
 N.T.S.
 STA 24+25.23 TO STA 28+77.06 IS NOT TYPICAL AND DOES NOT FOLLOW ANY TYPICAL SECTION.



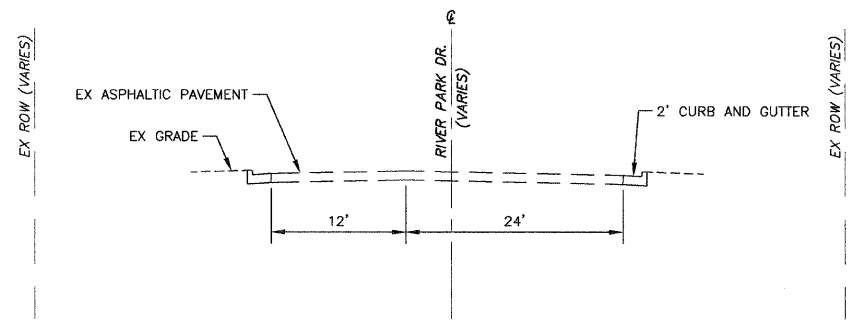
TYPICAL EXISTING SECTION
 STA 32+09.17 TO STA 37+31.33
 N.T.S.
 NORTH CURB DOES NOT EXIST FROM STA 32+09.17 TO STA 32+38.41 AND FROM STA 34+25.00 TO STA 36+07.95
 SOUTH CURB DOES NOT EXIST FROM STA 35+41.22 TO STA 37+08.48
 SOUTH SIDEWALK WITH BUFFER ONLY EXISTS FROM STA 36+19.75 TO STA 37+31.33
 SOUTH SIDEWALK BECOMES 13' WIDE AND HAS NO BUFFER FROM STA 35+62.05 TO STA 36+19.75



TYPICAL EXISTING SECTION
 STA 37+31.33 TO STA 40+33.23
 N.T.S.



TYPICAL EXISTING SECTION
 STA 40+33.23 TO STA 42+25.28
 N.T.S.
 NORTH WALL DOES NOT EXIST AND NORTH SIDEWALK EXTENDS TO CURB FROM STA 40+33.23 TO STA 40+37.91 AND FROM STA 40+61.74 TO STA 40+81.24
 NORTH SIDEWALK EXTENDS TO CURB FROM STA 40+61.74 TO STA 40+81.24
 NORTH SIDEWALK DOES NOT EXIST FROM STA 40+33.23 TO STA 40+36.47 AND FROM STA 41+92.15 TO STA 42+00.93
 SOUTH WALL DOES NOT EXIST AND SOUTH SIDEWALK EXTENDS TO CURB FROM STA 40+58.69 TO STA 40+77.19
 SOUTH SIDEWALK DOES NOT EXIST FROM STA 42+15.37 TO STA 42+25.28



TYPICAL EXISTING SECTION
 STA 42+25.28 TO STA 44+90.22
 N.T.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW		ST. CLAIR	31	4

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
EAST ST. LOUIS

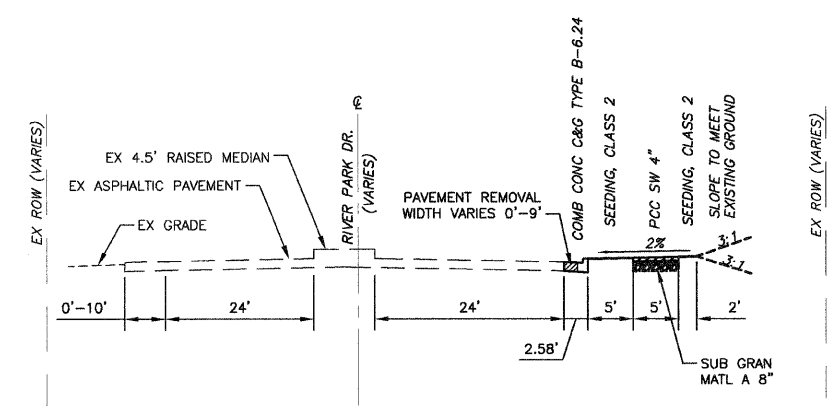
DATE	BY	REVISION

PLAN
NOTE BOX NO.

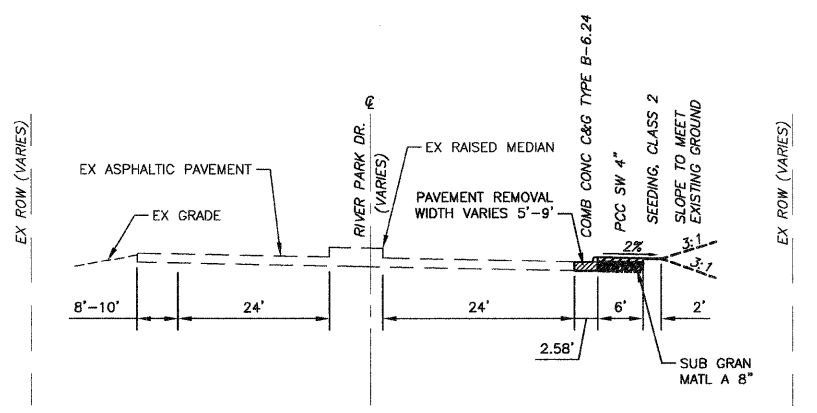
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PROFILE
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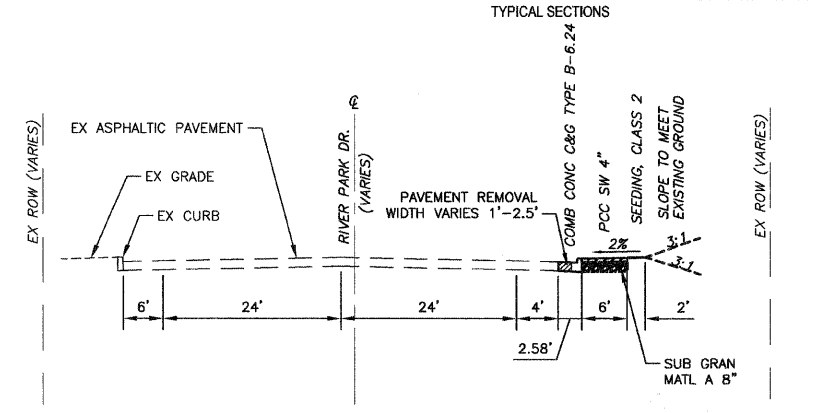
TYPICAL SECTIONS



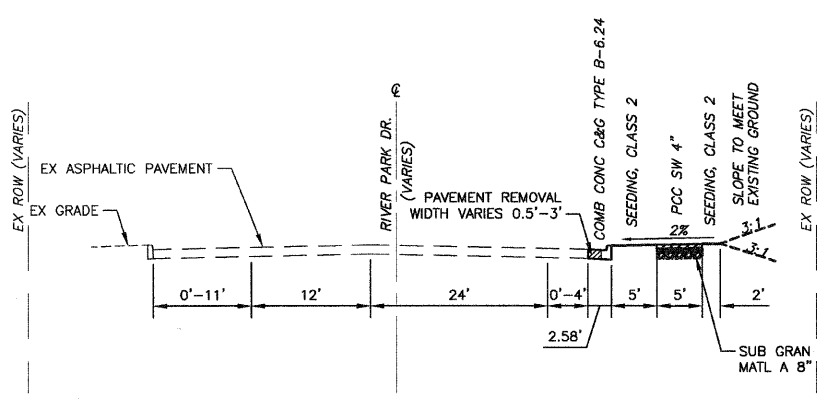
TYPICAL PROPOSED SECTION
STA 10+49.63 TO STA 20+57.10 N.T.S.
STA 27+28.90 TO STA 32+09.17 N.T.S.
 MEDIAN ONLY EXISTS FROM STA 19+52.28 TO STA 20+57.10
 NO COMB CONC C&G TYPE B-6.24 FROM STA 10+49.63 TO STA 10+61.97
 6" PCC SW 4" IN LEIU OF SEEDING, CLASS 2 ADJACENT TO COMB CONC C&G TYPE B-6.24 FROM STA 10+49.63 TO STA 10+67.89 AND STA 19+30.51 TO STA 20+57.10 AND STA 27+28.90 TO STA 32+09.17
 4" SEEDING, CLASS 2 ONLY PRESENT BETWEEN SW AND C&G FROM STA 16+88.85 TO STA 18+25.09



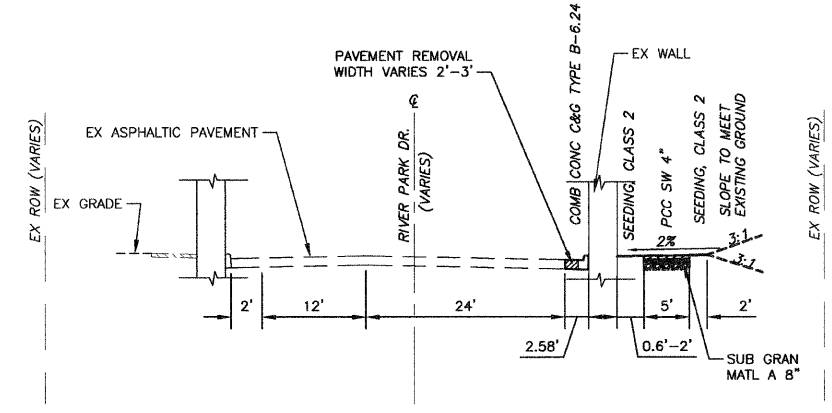
TYPICAL PROPOSED SECTION
STA 20+57.10 TO STA 27+28.90 N.T.S.
 STA 24+25.23 TO STA 27+28.90 IS NOT TYPICAL AND DOES NOT FOLLOW ANY TYPICAL SECTION.



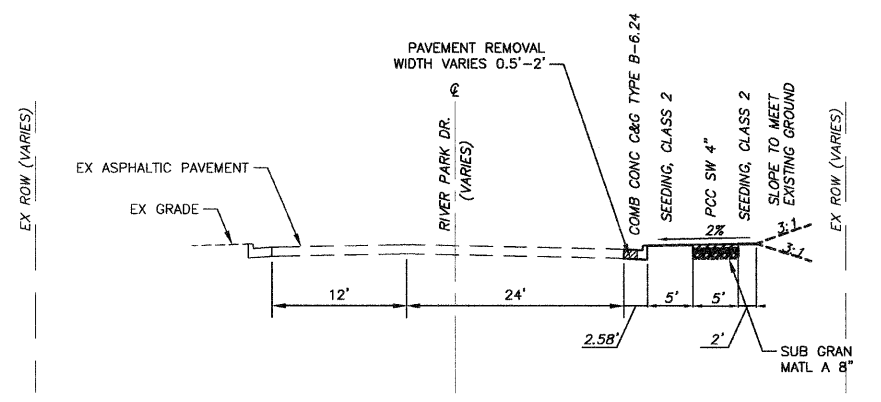
TYPICAL PROPOSED SECTION
STA 32+09.17 TO STA 37+31.33 N.T.S.
 NORTH CURB DOES NOT EXIST FROM STA 32+09.17 TO STA 32+38.41 AND FROM STA 34+25.00 TO STA 36+07.95



TYPICAL PROPOSED SECTION
STA 37+31.33 TO STA 40+33.23 N.T.S.



TYPICAL PROPOSED SECTION
STA 40+33.23 TO STA 42+25.28 N.T.S.
 NORTH WALL DOES NOT EXIST AND NORTH PCC SW 4" ADJACENT TO CURB FROM STA 40+33.23 TO STA 40+37.91 AND FROM STA 40+61.74 TO STA 40+81.24
 NORTH PCC SW 4" ADJACENT TO CURB FROM STA 40+61.74 TO STA 40+81.24
 NORTH PCC SW 4" DOES NOT EXIST FROM STA 40+33.23 TO STA 40+36.47 AND FROM STA 41+92.15 TO STA 42+00.93
 SOUTH WALL DOES NOT EXIST FROM STA 40+58.69 TO STA 40+77.19



TYPICAL PROPOSED SECTION
STA 42+25.28 TO STA 44+90.22 N.T.S.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00216-00-SW	ST. CLAIR	31	5
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
EAST ST. LOUIS SCHEDULES				

SHEET NO.	STATION	SIZE	UNIT
11	34+45.46	6 INCHES	6
	35+20.25	12 INCHES	12
	38+34.85	10 INCHES	10
12	42+79.64	12 INCHES	12
	43+57.82	12 INCHES	12
TOTAL			52

SHEET NO	STATION	EACH
8	17+09.32	1
TOTAL		1

SHEET NO.	STATION	TO	STATION	LENGTH, FT	WIDTH, FT	SQ FT
10	32+09.17	TO	33+00.	66.8	4	267.3
11	33+00.	TO	35+62.05	190.1	4	760.2
	35+62.05	TO	36+19.75	57.7	13	750.1
	36+19.75	TO	37+31.33	111.6	4	446.3
12	40+33.23	TO	42+15.37	182.1	6	1092.8
TOTAL						3317

STRUCTURE NO.	SHEET NO.	LOCATION	STATION	TO	STATION	INLETS, TYPE A, TYPE 12 FRAME AND GRATE TYPE 12 EACH	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE CLASS III		PRC FLAR END SEC 12" EACH	PRC FLAR END SEC 15" EACH	PRC FLAR END SEC 15" EACH	TRENCH BACKFILL CU YD	POROUS GRANULAR BACKFILL CU YD	CLASS D PATCHES TYPE III SQ YD
							12" FOOT	15" FOOT						
1-2	7		9+96.2	TO	10+55.7	1						2.1	51.0	18.0
2-3	7		10+55.7	TO	11+80.72	1	123					3.9	93.0	13.7
3-4	7		11+80.72	TO	14+30.7	1	248					7.8	187.5	27.6
12-11	8-9		19+32.85	TO	21+28.74	2	201					6.5	112.9	61.4
11-10	9		21+28.74	TO	21+29.34	1						32.7	0.0	4.7
21-20	9		25+44.38	TO	24+07.21	1	85		1		1	57.9	0.0	9.4
36-35	10		27+29.75	TO	31+02.27	2	123					4.1	69.1	33.7
35-34	10		31+02.27	TO	32+26.	1	123					3.9	69.1	13.7
34-33	10-11		32+36.	TO	33+51.72	1	123					3.9	77.1	13.7
33-32	11		33+51.72	TO	34+77.45	1	123					3.9	93.0	13.7
32-31	11		34+77.45	TO	36+95.01	1	217					6.8	164.1	24.1
31-30	11		36+95.01	TO	37+45.82	1						1.7	37.1	5.2
51-50	12		39+33.64	TO	39+34.44	1	15					0.6	8.4	1.7
												0.0	962.3	240.4
TOTAL						15	1381	148	1	1	1	170	1925	241

SHEET NO.	STATION	TO	STATION	LENGTH, FT	WIDTH, FT	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH SQ FT	AGGREGATE BASE COURSE, TYPE A 4" SQ YD	SUB. BASE GRANULAR MATERIAL, TYPE A 8" SQ YD
SIDEWALK								
7	10+49.	TO	15+00.	386	5	1930	214	214
8	15+83.	TO	21+00.	283	5	1415	157	157
9	21+00.	TO	25+80.	580	6	3480	387	387
10	27+28.95	TO	33+00.	184	5	920	102	102
11	33+00.	TO	39+00.	528	6	3168	352	352
12	39+00.	TO	45+00.	600	5	3000	333	333
13	45+00.	TO	46+55.	155.00	5	775	86	86
DEPRESSED CURB RAMP ACCESSIBLE TO THE DISABLED, TYPE A								
8	15+83.	TO	15+90.	7.00	6	45	5	5
	16+71.97	TO	16+79.91	7.94	6	63	7	7
	18+34.24	TO	18+41.61	7.37	6	80	9	9
	19+16.84	TO	19+29.6	12.76	6	86	10	10
9	25+00.43	TO	25+34.5	34.07	6	69	8	8
TOTAL						15032	1670	1670

SHEET NO.	STATION	TO	STATION	POROUS GRANULAR BACKFILL CU YD
7	10+49.	TO	15+00.	216.7
8	15+00.	TO	21+00.	205.5
9	21+00.	TO	25+80.	368.6
10	28+77.	TO	33+00.	20.2
11	33+00.	TO	39+00.	283.0
12	39+00.	TO	45+00.	336.9
13	45+00.	TO	46+55.	87.0
SUBTOTAL				1518
STORM SEWER POROUS GRANULAR SUBTOTAL				1925
TOTAL USE				4303

SHEET NO.	STATION	TO	STATION	ACRE
7	10+45.	TO	15+00.	0.13
8	15+00.	TO	21+00.	0.16
9	21+00.	TO	27+00.	0.19
10	28+77.	TO	33+00.	0.13
11	33+00.	TO	39+00.	0.16
12	39+00.	TO	45+00.	0.17
13	45+00.	TO	46+55.	0.05
TOTAL				0.98

SHEET NO	STATION	EACH
8	15+55.59	1
12	41+53.61	1
	41+76.07	1
	42+36.9	1
TOTAL		4

SHEET NO.	STATION	TO	STATION	LENGTH, FT	WIDTH, FT	SQ FT	SQ YD
7	10+49.63	TO	15+00.	75	3	226	25
8	15+00.	TO	21+00.	400	5	2000	222
9	21+00.	TO	25+80.	580	9	5220	580
10	27+29.75	TO	33+00.	546	4	2915	324
11	33+00.	TO	39+00.	504	3	1512	168
12	39+00.	TO	45+00.	432	3.8	1620	180
13	45+00.	TO	46+55.	155	3.8	581	65
TOTAL						14074	1564

SHEET NO.	STATION	EXCAVATION DEPTH FT	DEPTH OF GRANULAR FT	EARTH EXCAVATION CU YD
7	10+49.	2.67	2	289.0
8	15+00.	2.67	2	274.0
9	21+00.	2.67	2	491.5
10	28+77.	2.67	2	27.0
11	33+00.	2.67	2	377.3
12	39+00.	2.67	2	449.2
13	45+00.	2.67	2	116.0
TOTAL				2024
TOTAL USE				2530

SHEET NO.	STATION	TO	STATION	AREA FROM PLANS SQ YD
7	11+24.	TO	11+72.	53
	12+56.	TO	12+99.	53
10	32+28.	TO	32+70.	34
11	33+48.	TO	33+88.	35
	33+96.	TO	34+36.	34
	35+21.	TO	35+61.	54
	37+19.	TO	37+77.	45
TOTAL				308

SHEET NO.	STATION	EACH
7	13+42.44	1
12	44+17.06	1
TOTAL		2

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____
 PLAN: _____
 NO. _____

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____
 PROFILE: _____
 NO. _____

DATE: _____
 SCALE: _____
 USER: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW		ST. CLAIR	31	6
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
EAST ST. LOUIS SCHEDULES				

SHEET NO.	STATION	TO	STATION	AREA, SQ YD
7	11+38.71	TO	11+62.39	26.33
10	32+09.18	TO	32+53.21	39.17
11	33+42.36	TO	33+86.02	34.92
	34+04.11	TO	34+37.39	26.56
	35+25.2	TO	35+61.52	26.72
	37+22.34	TO	37+71.91	40.08
TOTAL				194

SHEET NO.	STATION	TO	STATION	LENGTH, FT
7	10+50.	TO	15+00.	387
8	15+00.	TO	15+96.	96
	16+60.	TO	18+47.	187
	19+10.	TO	21+00.	190
9	21+00.	TO	25+70.	470
10	27+29.75	TO	33+00.	531
11	33+00.	TO	39+00.	474
12	39+00.	TO	45+00.	600
13	45+00.	TO	46+52.	152
TOTAL				3087

SHEET	STATION	EACH
9	25+15.	1.0
	25+73.	1.0
	25+82.	1.0
TOTAL		3

SHEET NO.	STATION	TO	STATION	LENGTH, FT
8	20+57.1	TO	21+00.	42.9
9	21+00.	TO	24+75.	375.0
	24+75.	TO	25+80.	105.0
10	27+29.75	TO	28+77.17	123.4
	32+09.	TO	33+00.	67.0
11	33+00.	TO	35+41.22	193.2
	37+08.48	TO	37+31.33	22.8
	37+31.33	TO	39+00.	144.7
12	39+00.	TO	44+91.	591.0
TOTAL				1665

SHEET NO	STATION	EACH
7	13+68.43	1
12	43+31.03	1
TOTAL		2

SHEET NO.	STATION	TYPE	COUNT	SQ FT
8	15+82.	STOP SIGN	1	8
	16+82.	STOP SIGN	1	8
TOTAL				16

SHEET NO	STATION	EACH
10	30+68.83	1
11	34+58.65	1
TOTAL		2

SHEET	STATION	LOCATION	TO	STATION	AREA FROM PLANS SQ YD
8	20+47.57		TO	20+59.32	16.6
8-9	18+91.5		TO	21+73.93	79.8
9	21+46.1		TO	22+08.	71.8
	21+93.72		TO	23+28.98	26.1
	23+13.59		TO	23+90.21	135.0
	23+38.95		TO	25+44.94	111.9
	24+92.59		TO	25+36.26	41.7
TOTAL					483

SHEET NO.	STATION	TO	STATION	LENGTH, FT
7	10+55.7	TO	15+00.	444.3
8	15+00.	TO	15+99.61	99.61
	16+81.8	TO	18+49.31	187.51
	19+10.93	TO	21+00.	189.07
	19+32.85	TO	21+00.	334.3
9	21+00.	TO	25+40.	597.50
10	27+29.75	TO	33+00.	570.25
11	33+00.	TO	37+30.	430.0
	37+19.01	TO	37+32.87	51.72
	37+62.	TO	39+00.	138
12	39+00.	TO	45+00.	633.5
13	45+00.	TO	46+52.	152
TOTAL				3828

SHEET NO	STATION	DIA. OF CONN. PIPE, IN	EACH
7	9+84.9	15	1
11	37+45.5	15	1
12	39+33.31	12	1
TOTAL			3

SHEET	STATION	LOCATION	TO	STATION	AREA FROM PLANS SQ FT
11	33+86.03		TO	34+04.36	224.55
TOTAL					225

SHEET NO	STATION	L SUM
10	30+68.83	1
11	34+58.65	1
TOTAL		1

SHEET	STATION	LOCATION	TO	STATION	AREA FROM PLANS SQ YD
8	19+87.45		TO	19+97.45	5.56
13	46+23.03		TO	46+33.03	5.56
TOTAL					12

SHEET NO.	STATION	EACH
8	16+65.94	1
	16+75.79	1
	19+05.38	1
TOTAL		3

SHEET NO.	STATION	TO	STATION	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
7	10+49.	TO	15+00.			
8	15+00.	TO	21+00.		65	
	15+89.39	TO	16+72.91	156		
	18+41.63	TO	19+00.4	158		
9	21+00.	TO	25+80.			
	25+24.4	TO	27+00.		230	80
10	28+77.	TO	33+00.			
11	33+00.	TO	39+00.			
12	39+00.	TO	45+00.			
13	45+00.	TO	46+55.			
TOTAL				314	295	80

SHEET	INLET STATION	EACH
7	10+55.7	1
	11+80.72	1
	14+30.7	1
8	15+55.7	1
	16+66.91	1
	19+32.85	1
9	21+28.74	1
	25+95.14	1
10	29+78.78	1
	31+02.27	1
	32+26.	1
11	33+51.72	1
	34+77.45	1
	36+95.33	1
12	39+33.64	1
	41+53.61	1
	41+76.07	1
	42+36.24	1
TOTAL		18

SHEET NO.	STATION	AREA SQ FT (EACH = 2'X4')
8	15+87.	8
	16+76.	8
	18+38.	8
	19+27.	8
9	25+27.	8
	25+63.	8
	25+75.	8
	26+65.	8
TOTAL		64

SHEET	STATION	EACH
9	25+15.	1.0
	25+73.	2.0
	25+82.	1.0
TOTAL		4

SHEET	STATION	EACH
9	25+15.	1.0
	25+73.	1.0
	25+82.	1.0
TOTAL		3

SHEET	STATION	EACH
9	25+15.	1.0
TOTAL		1

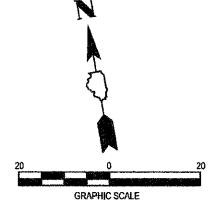
SHEET	STATION	EACH
9	25+73.	2.0
	25+82.	1.0
TOTAL		3

DATE: _____ BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK NO. _____

DATE: _____ BY: _____
 PROFILE: _____
 NOTE BOOK NO. _____

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 USER NAME = \$USER\$

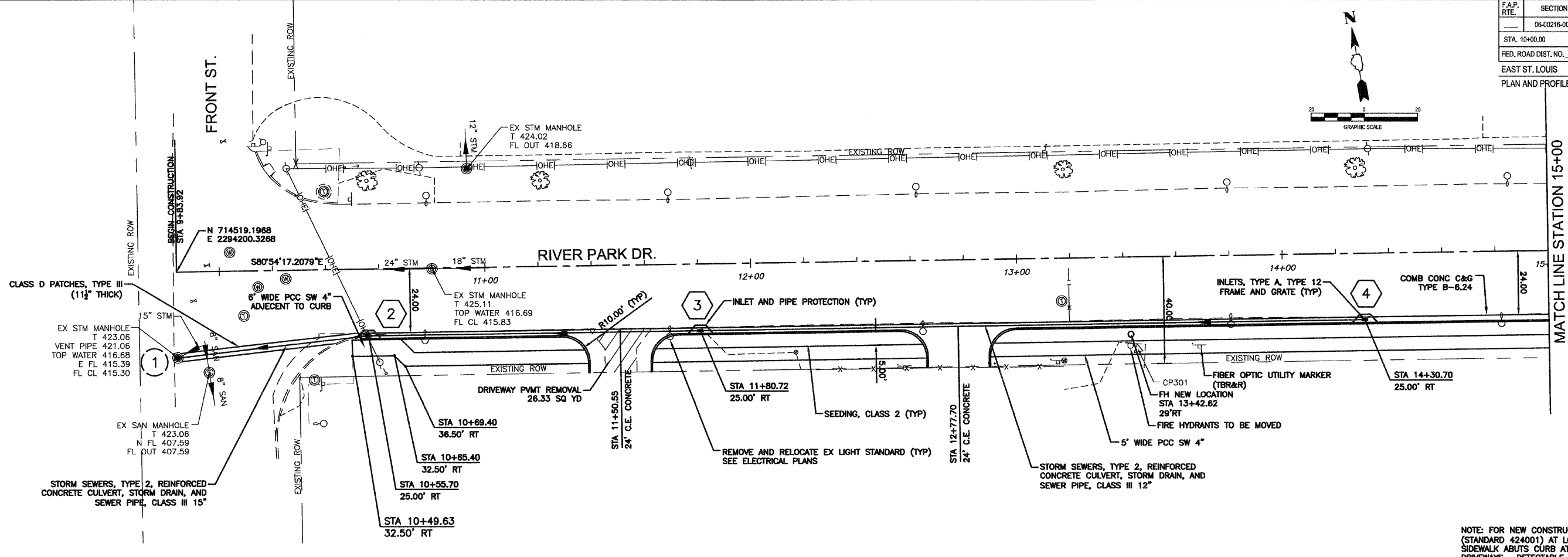
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00216-00-SW	ST. CLAIR	31	7
STA. 10+00.00		TO STA. 15+00.00		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
EAST ST. LOUIS				
PLAN AND PROFILE				



DATE	BY

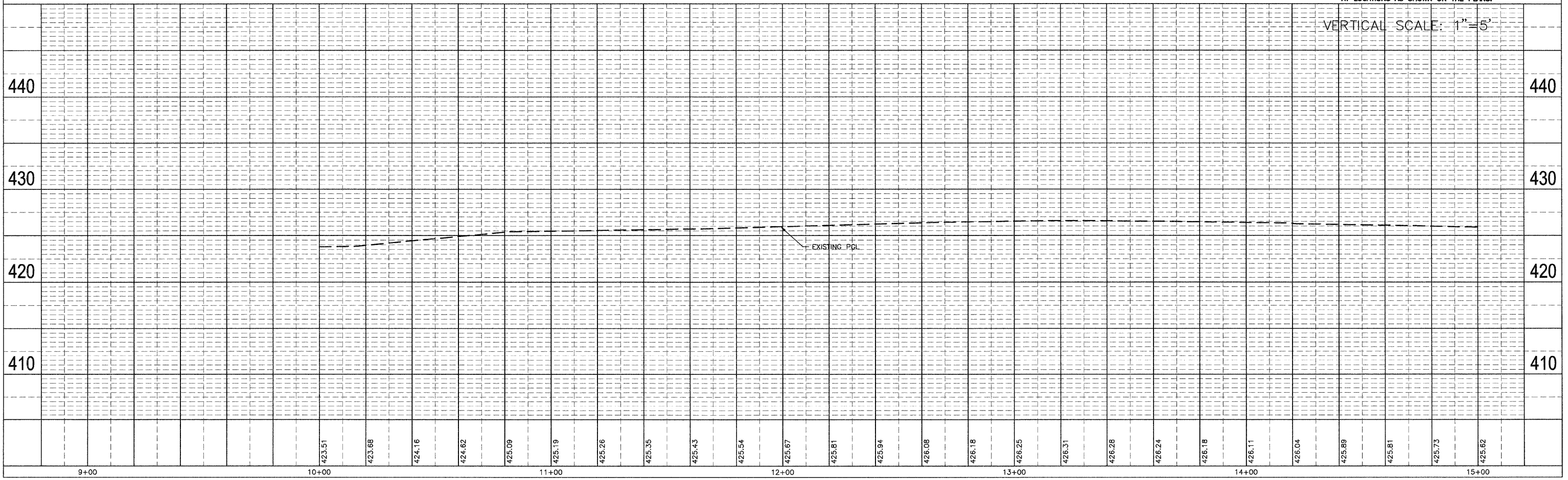
DATE	BY

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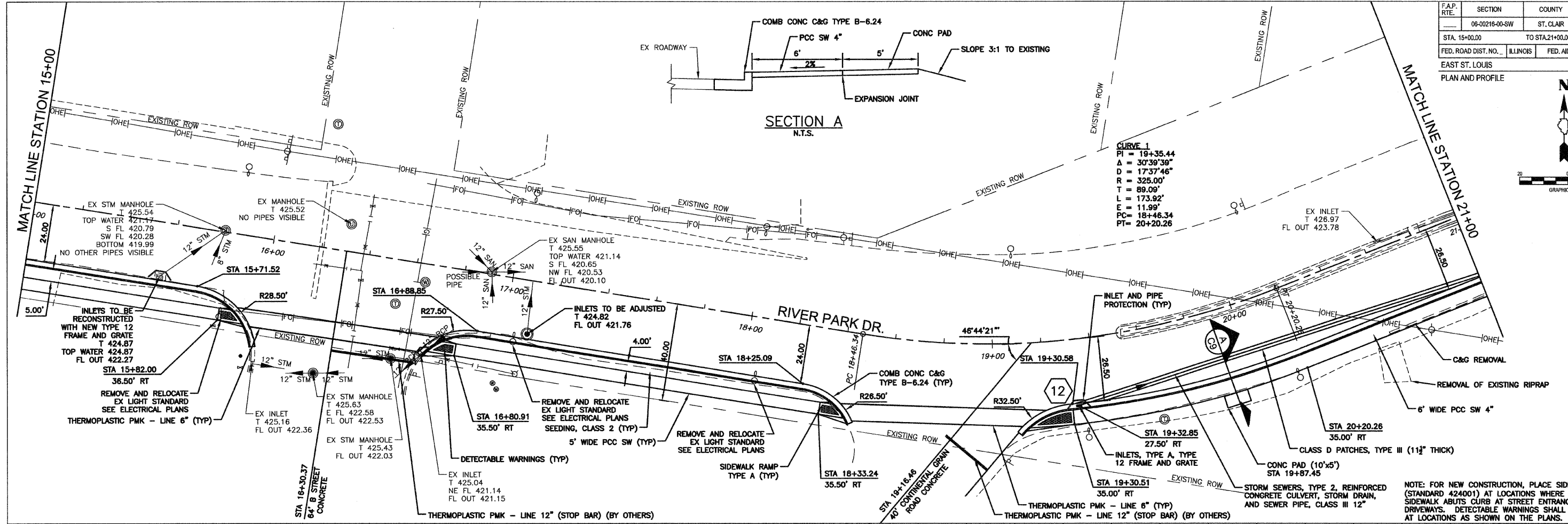
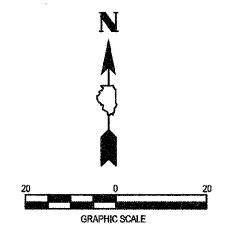
NOTE: FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS (STANDARD 424001) AT LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES AND DRIVEWAYS. DETECTABLE WARNINGS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS.

VERTICAL SCALE: 1" = 5'



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR		31	8

STA. 15+00.00 TO STA. 21+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 EAST ST. LOUIS
 PLAN AND PROFILE



DATE: _____ BY: _____

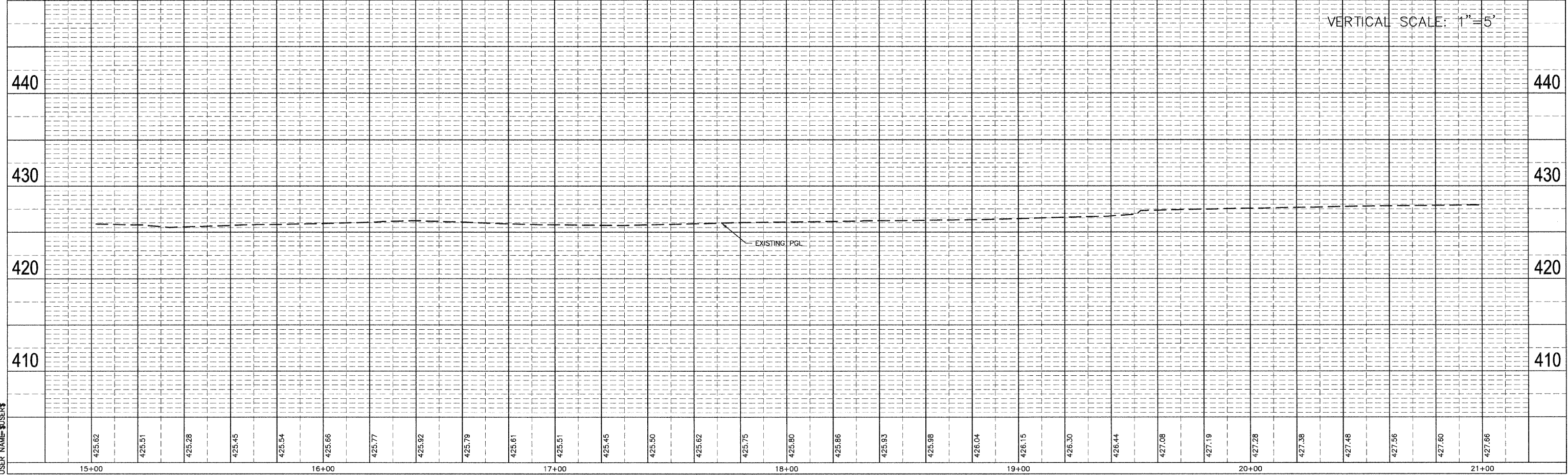
REVISIONS:

NO.	DATE	DESCRIPTION

DATE: _____ BY: _____

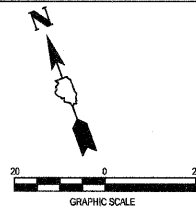
REVISIONS:

NO.	DATE	DESCRIPTION



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 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

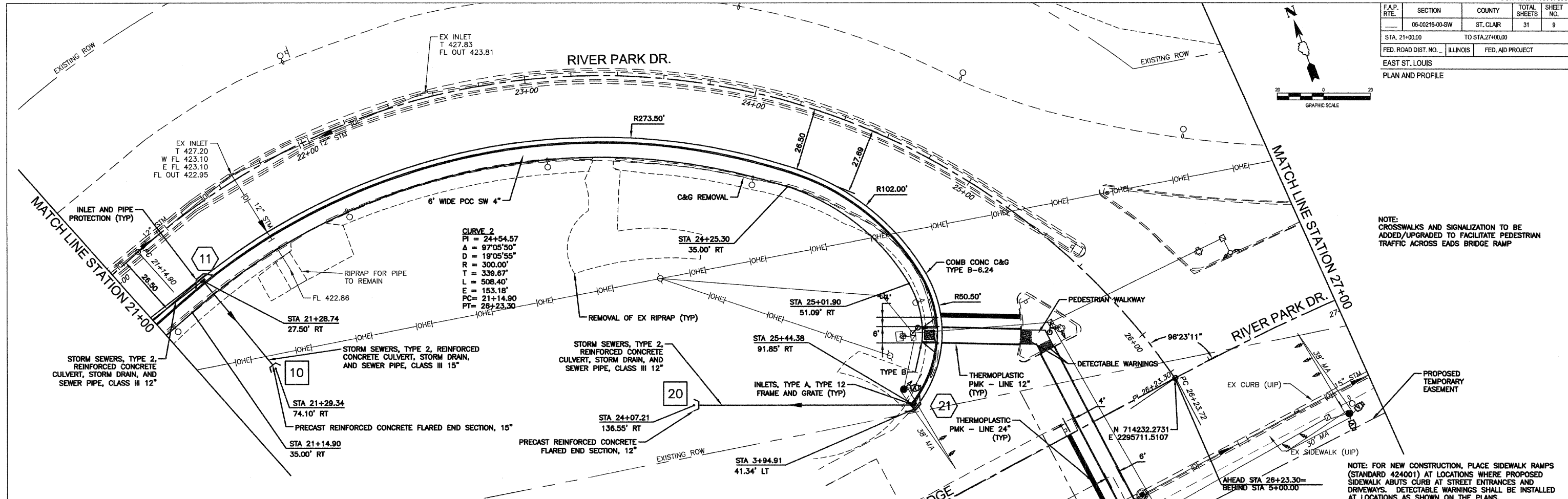
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR		31	9
STA. 21+00.00		TO STA. 27+00.00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
EAST ST. LOUIS				
PLAN AND PROFILE				



DATE	BY

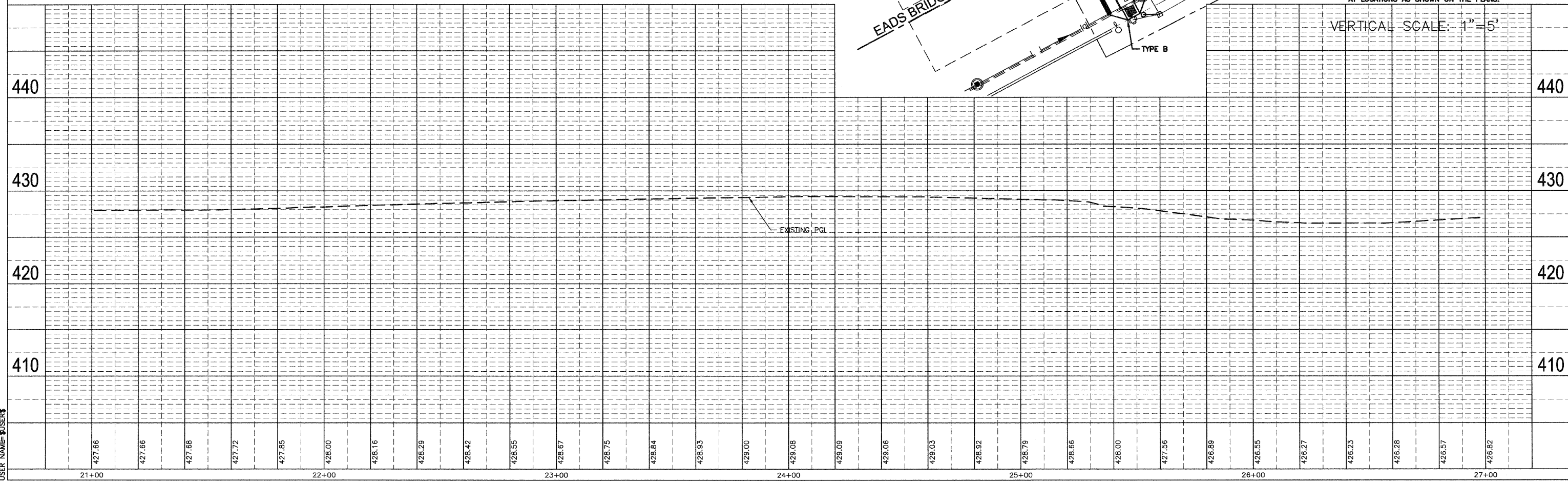
DATE	BY

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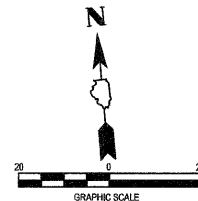
NOTE: CROSSWALKS AND SIGNALIZATION TO BE ADDED/UPGRADED TO FACILITATE PEDESTRIAN TRAFFIC ACROSS EADS BRIDGE RAMP

NOTE: FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS (STANDARD 424001) AT LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES AND DRIVEWAYS. DETECTABLE WARNINGS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS.



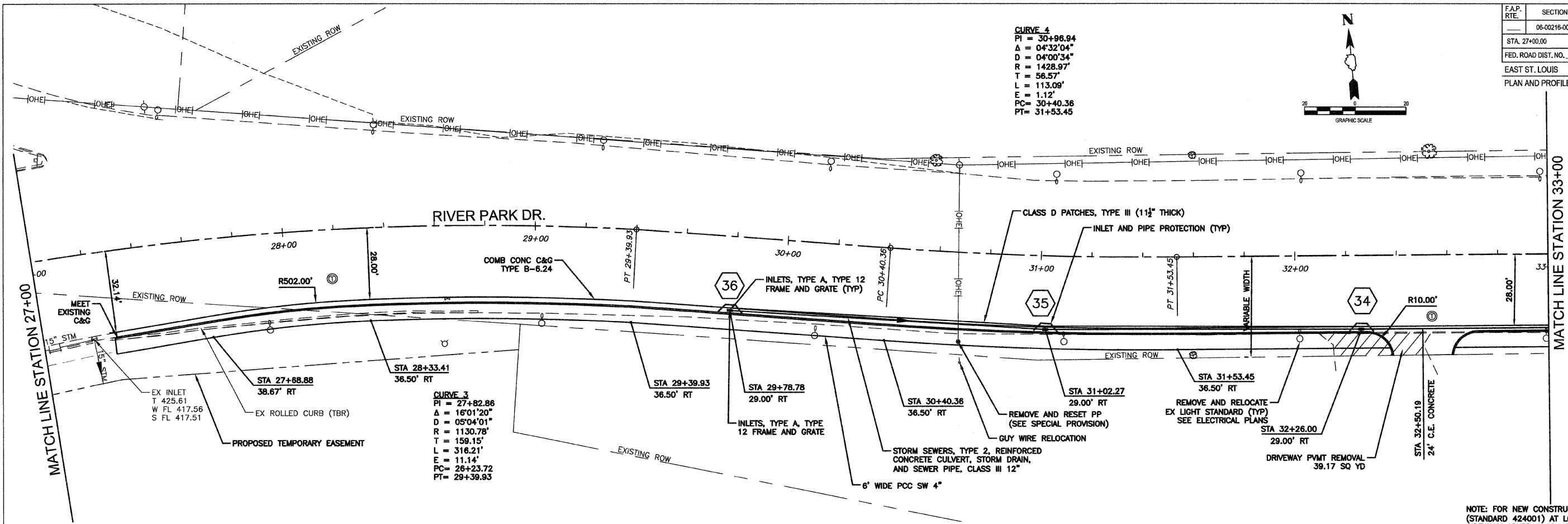
VERTICAL SCALE: 1"=5'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR		31	10
STA. 27+00.00		TO STA. 33+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
EAST ST. LOUIS				
PLAN AND PROFILE				



CURVE 4
 PI = 30+96.94
 Δ = 04°32'04"
 D = 04°00'34"
 R = 1428.97'
 T = 56.57'
 L = 113.09'
 E = 1.12'
 PC = 30+40.36
 PT = 31+53.45

CURVE 3
 PI = 27+82.86
 Δ = 16°01'20"
 D = 05°04'01"
 R = 1130.78'
 T = 159.15'
 L = 316.21'
 E = 11.14'
 PC = 26+23.72
 PT = 29+39.93

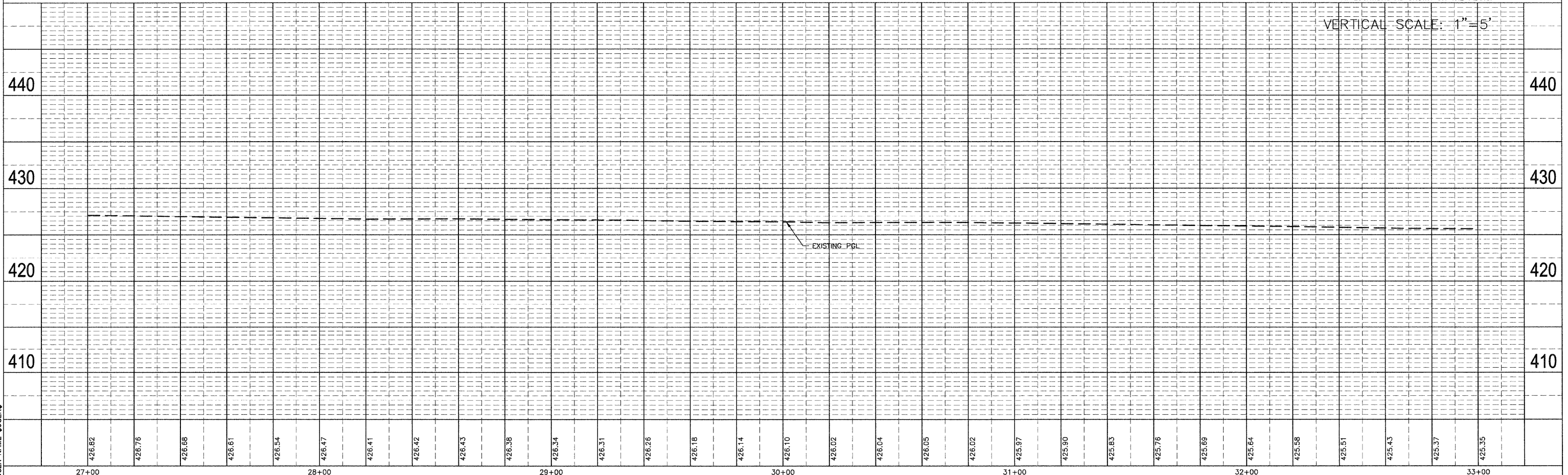


NOTE: FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS (STANDARD 424001) AT LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES AND DRIVEWAYS. DETECTABLE WARNINGS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS.

DATE	BY

DATE	BY

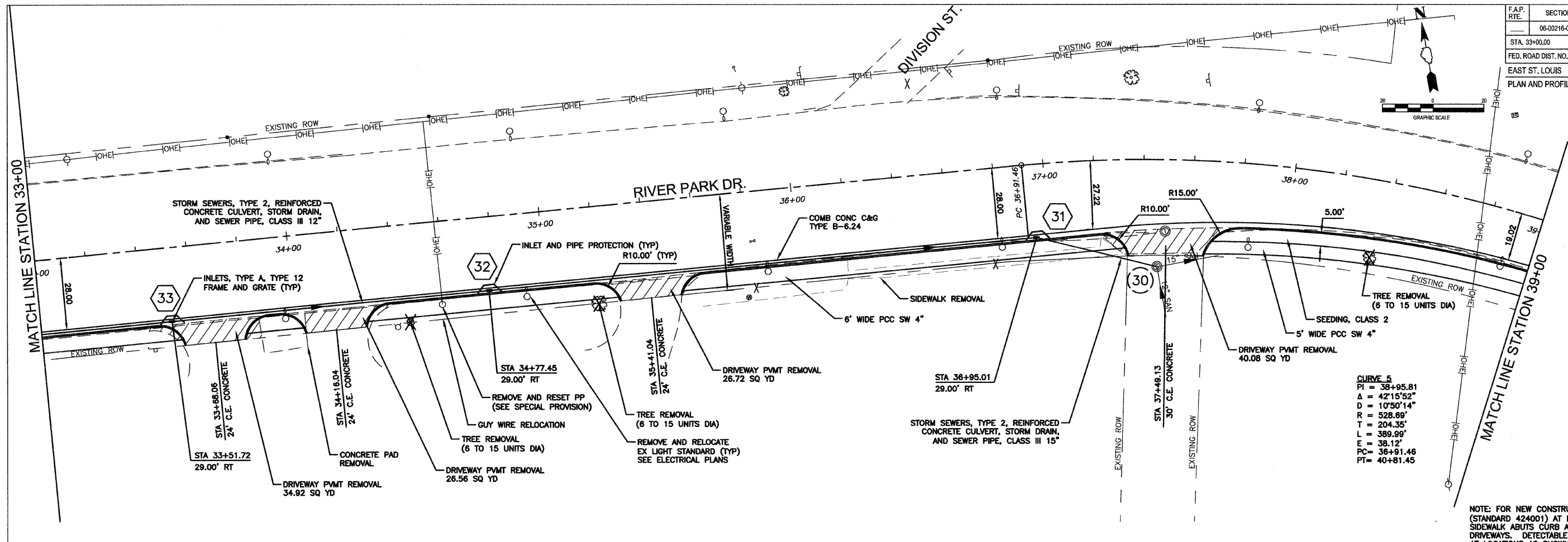
PLOT DATE = \$DATE\$
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 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$



Plan and Profile

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR	ILLINOIS	31	11
STA. 33+00.00 TO STA. 39+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

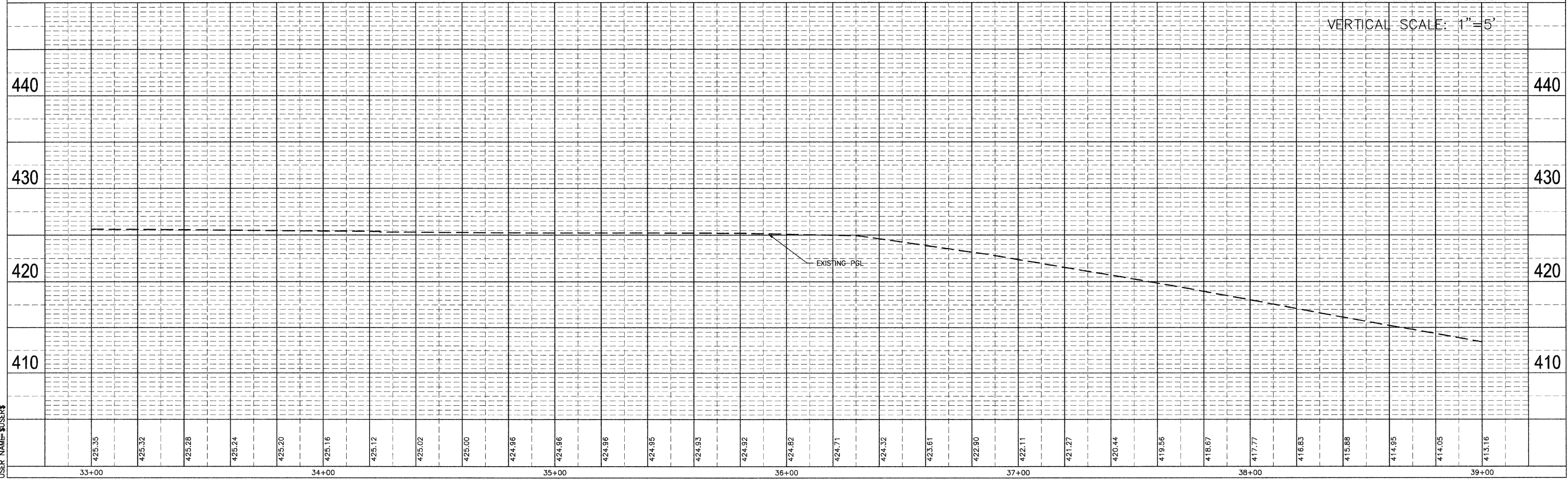
PLAN AND PROFILE



NOTE: FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS (STANDARD 424001) AT LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES AND DRIVEWAYS. DETECTABLE WARNINGS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS.

PLAN	DATE
REVISIONS	
NOTED	
ALTERNATE CHECKED	
DATE FILE NAME	
NO.	

PROFILE	DATE
REVISIONS	
NOTED	
ALTERNATE CHECKED	
DATE FILE NAME	
NO.	

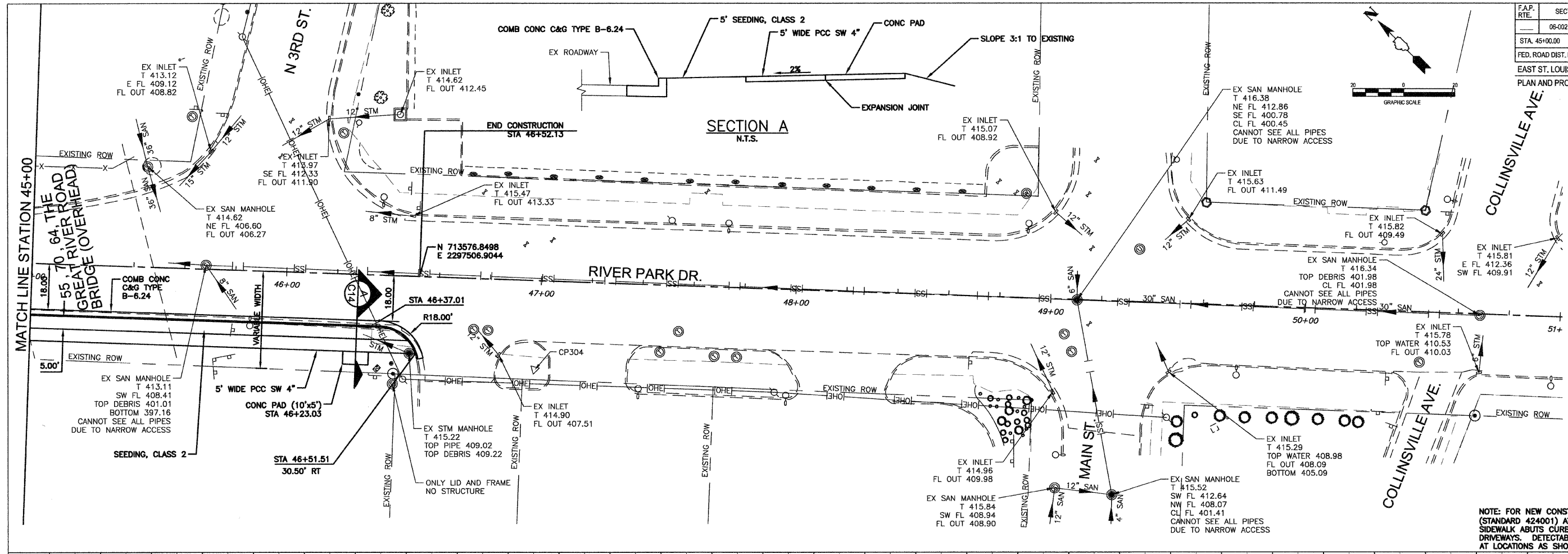


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR	ILLINOIS	31	13
STA. 45+00.00		TO STA. 51+00.00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

EAST ST. LOUIS

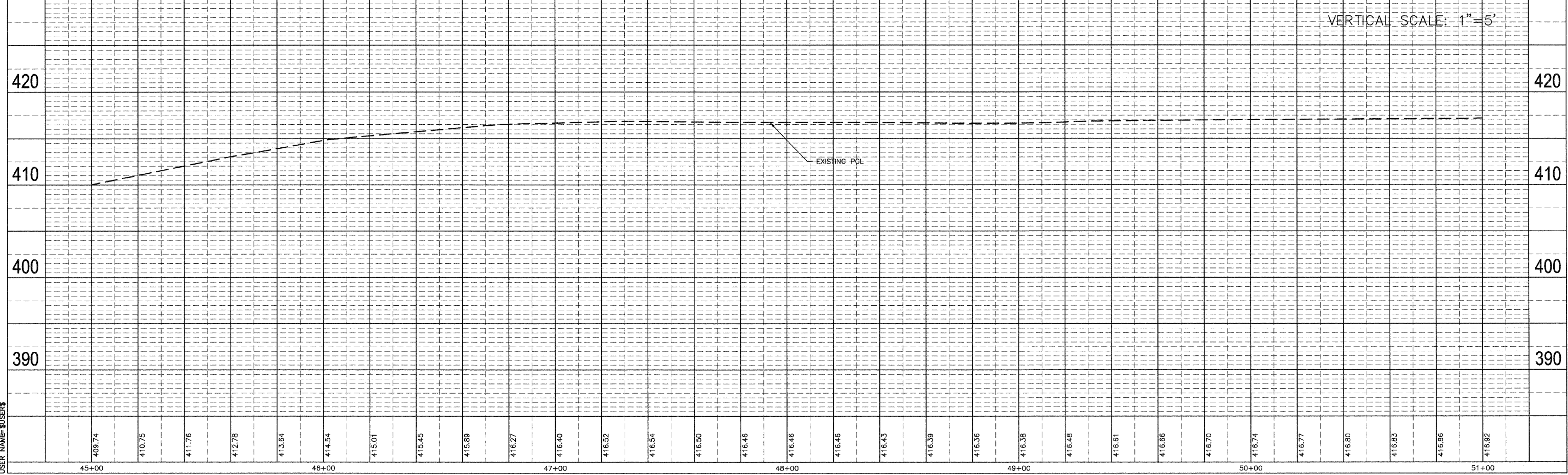
PLAN AND PROFILE



NOTE: FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS (STANDARD 424001) AT LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES AND DRIVEWAYS. DETECTABLE WARNINGS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS.

PLAN	REVISIONS
NO.	DATE
1	

PROFILE	REVISIONS
NO.	DATE
1	



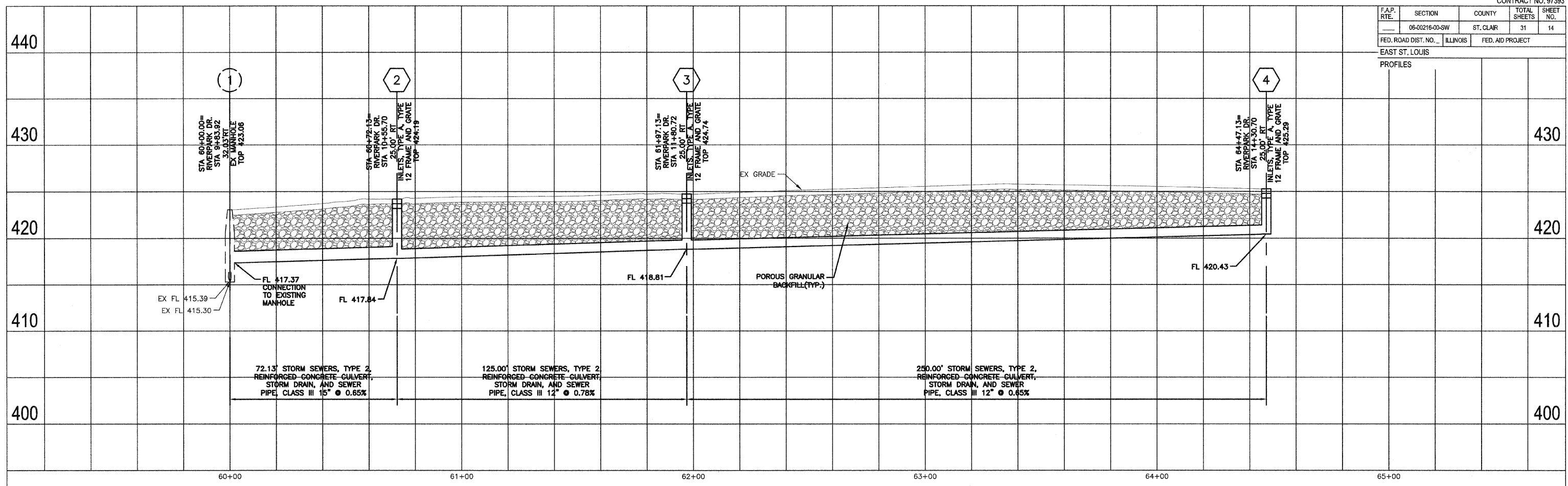
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 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	06-00216-00-SW	ST. CLAIR	31	14
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EAST ST. LOUIS

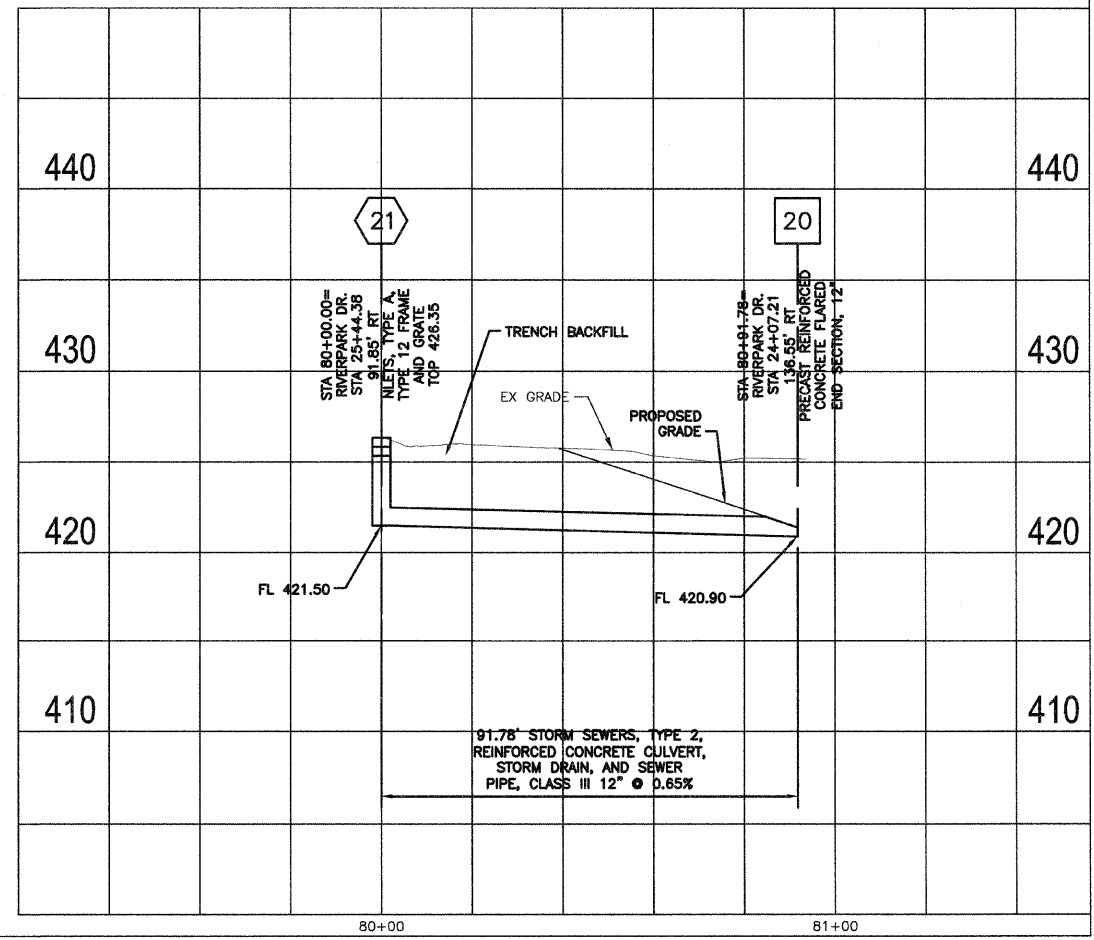
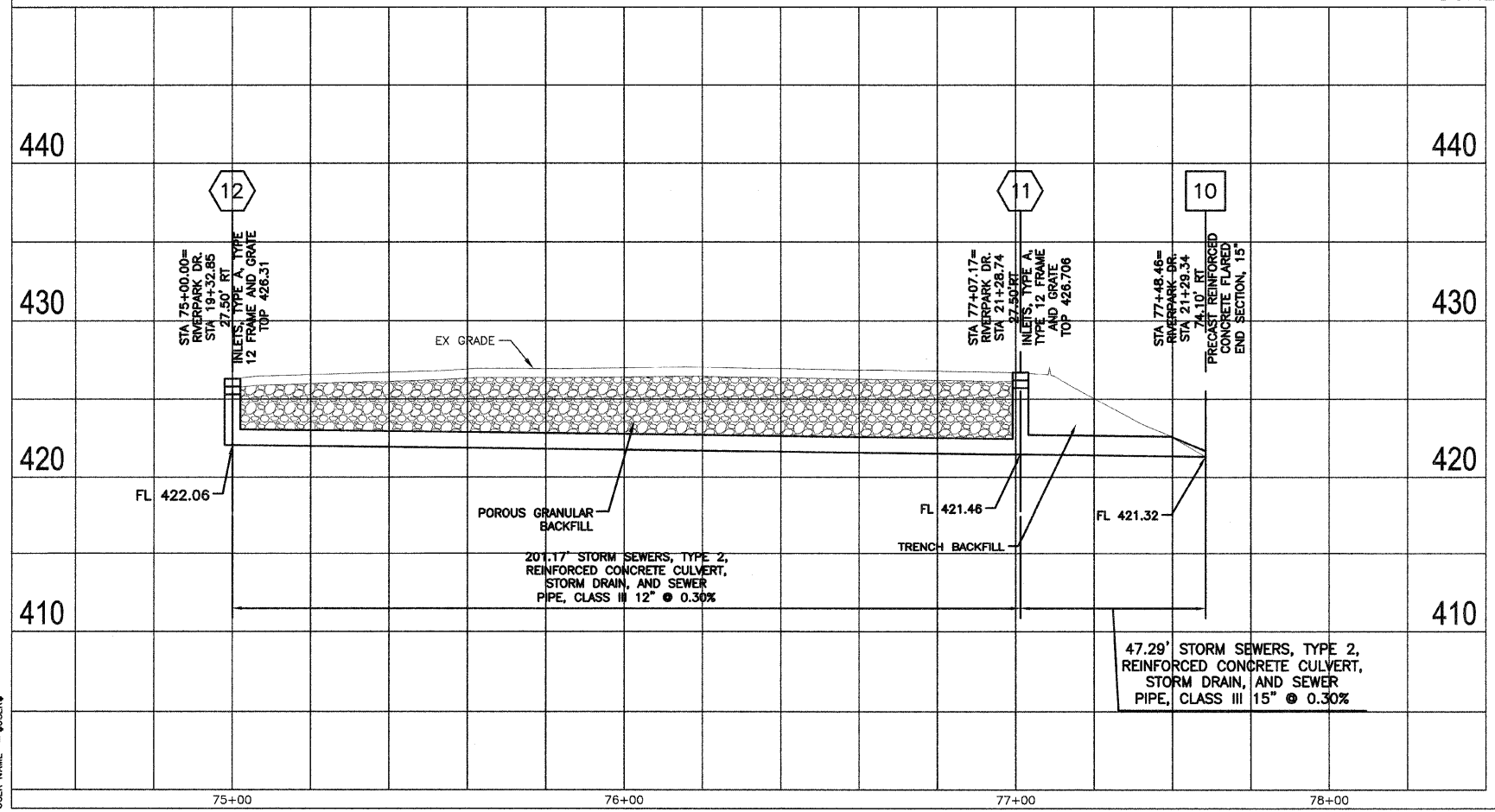
PROFILES

DATE	BY
REVISIONS	
1. PLOTTED	
2. CHANGES CHECKED	
3. STRUCTURE NOTATION OK'D	
PROFILE	
NOTE BOOK	
NO.	



SCALE: 1"=20' HORZ.
1"= 5' VERT.

DATE	BY
REVISIONS	
1. PLOTTED	
2. CHANGES CHECKED	
3. STRUCTURE NOTATION OK'D	
PROFILE	
NOTE BOOK	
NO.	



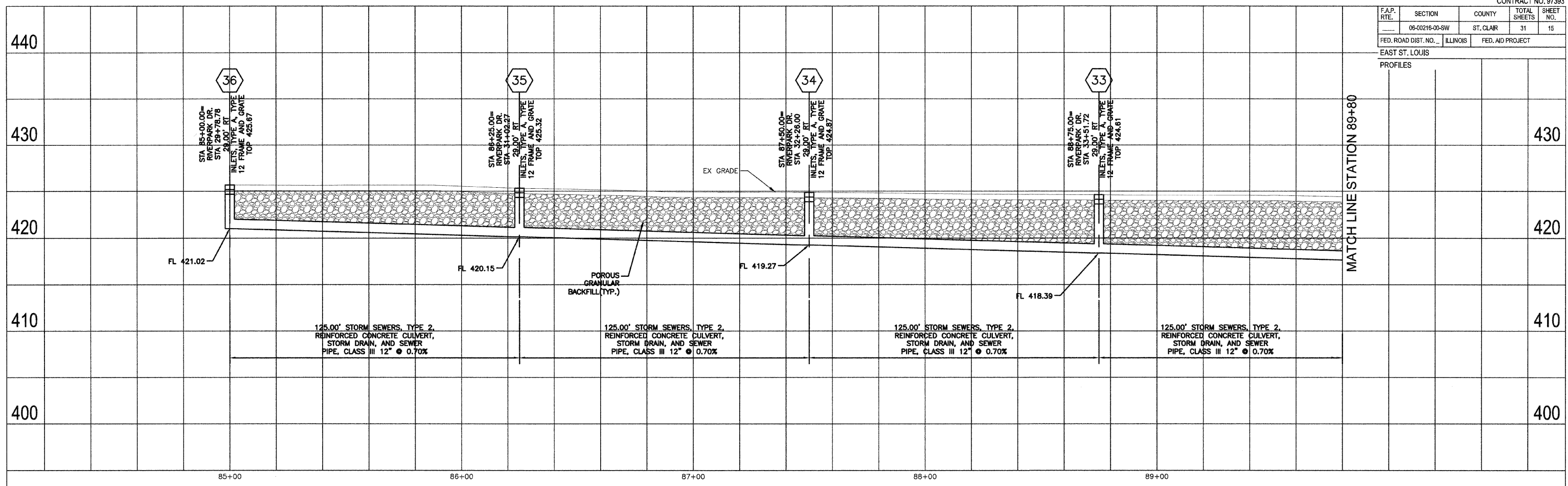
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 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR	ILLINOIS	31	15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
EAST ST. LOUIS				

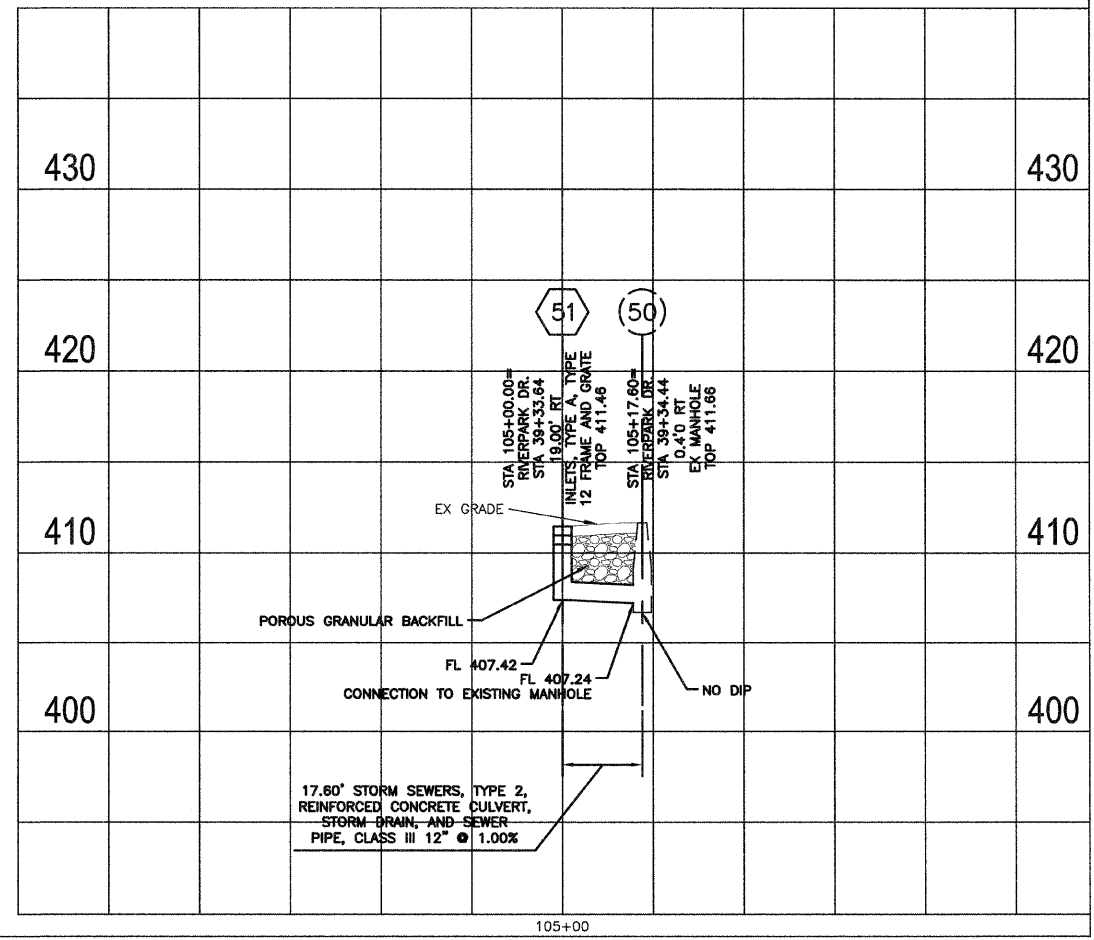
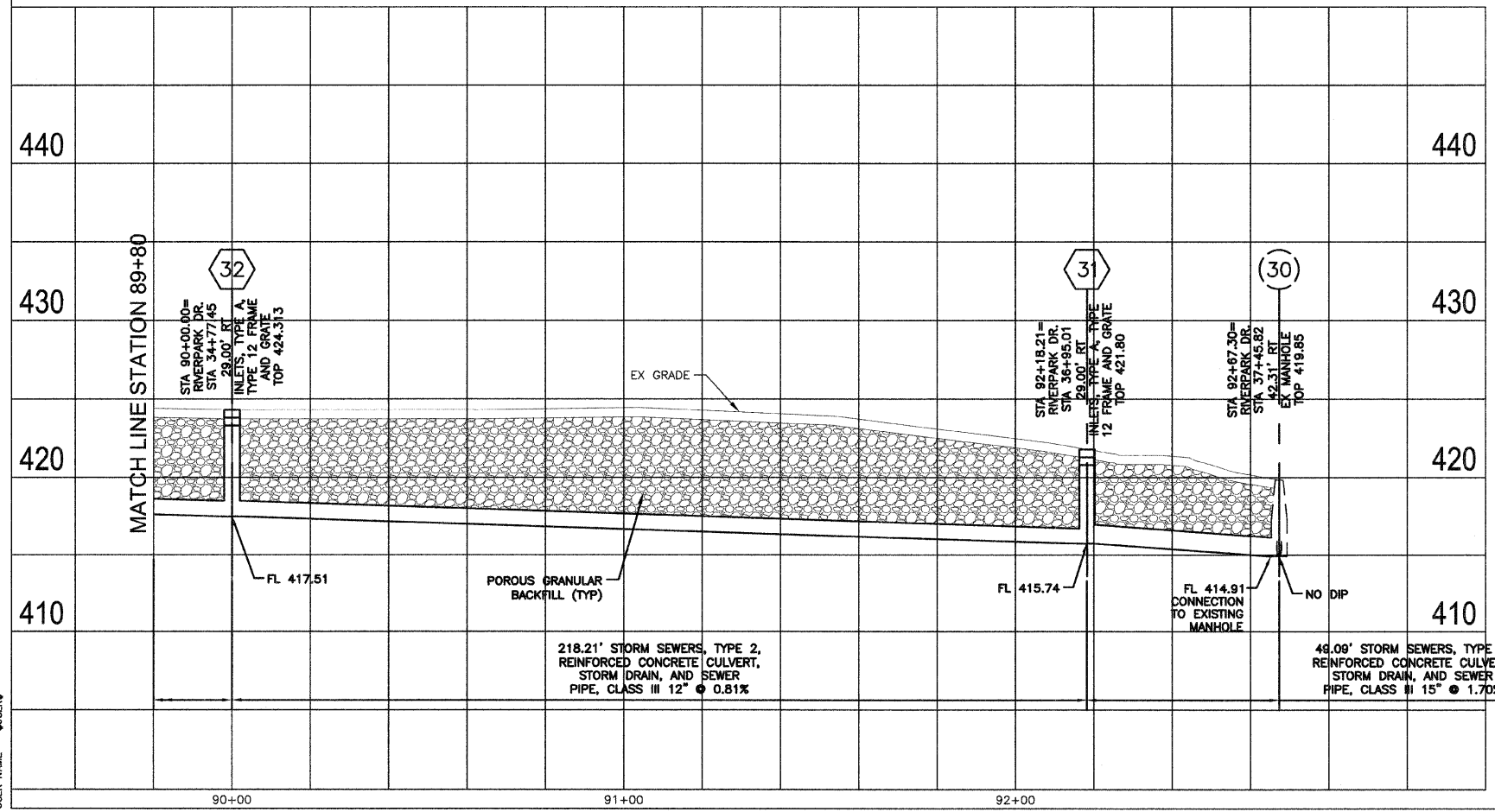
DATE	BY

DATE	BY

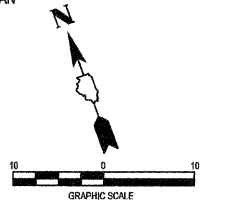
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 \$\$\$\$\$\$ PLOT SCALE
 \$\$\$\$\$\$ USER NAME
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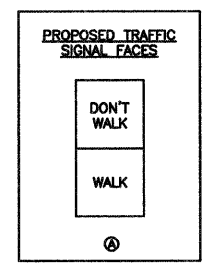
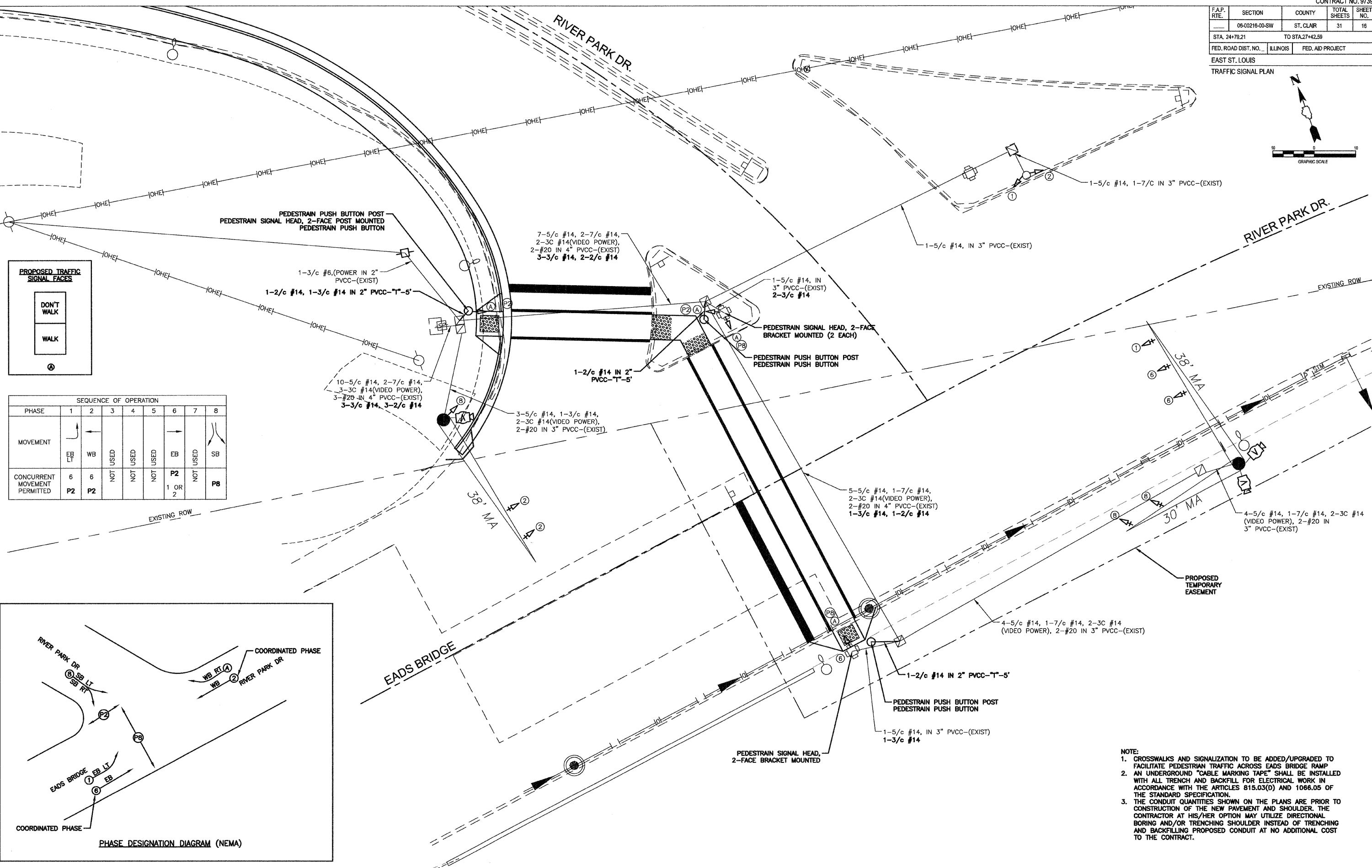
SCALE: 1" = 20' HORZ.
1" = 5' VERT.



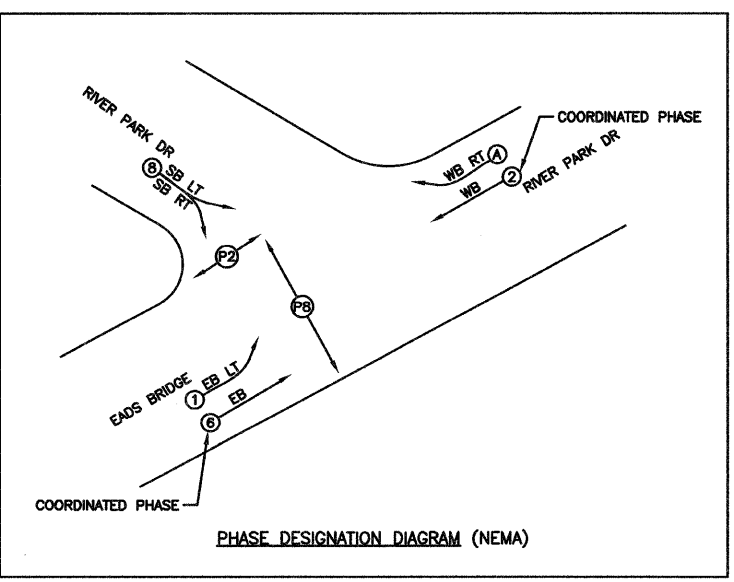
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00216-00-SW		ST. CLAIR	31	16
STA. 24+79.21		TO STA. 27+42.59		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
EAST ST. LOUIS				



DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
BY	
DATE	
BY	



SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	←	→	NOT USED	NOT USED	NOT USED	←	→	←
CONCURRENT MOVEMENT PERMITTED	P2	P2	NOT USED	NOT USED	NOT USED	P2 1 OR 2	NOT USED	P8

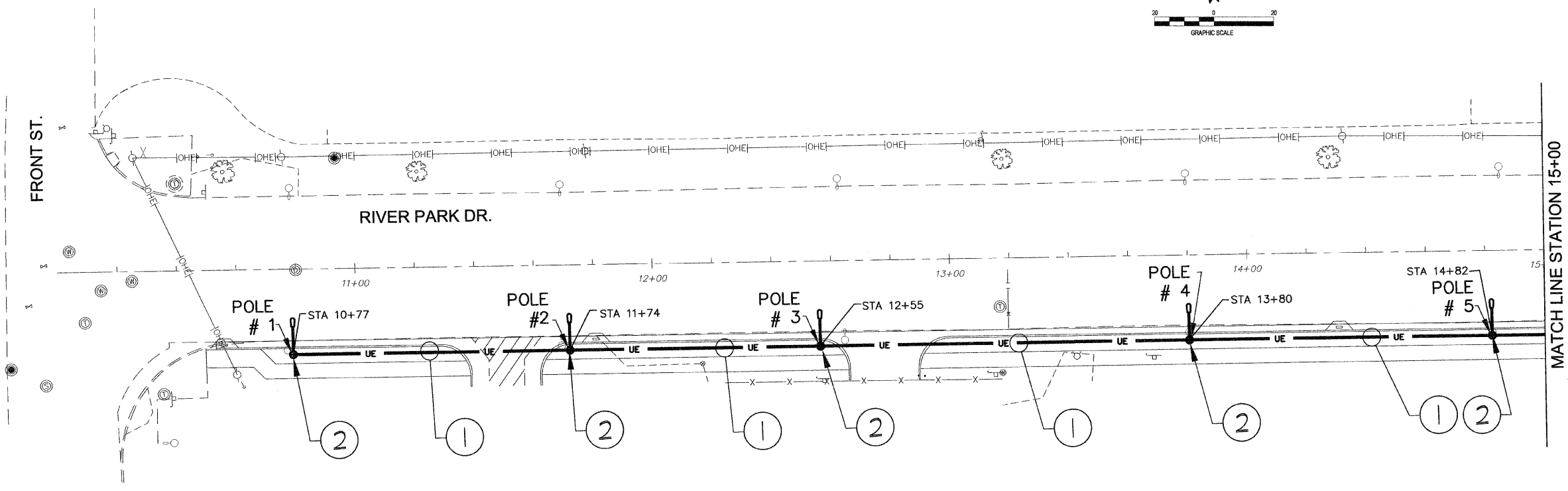
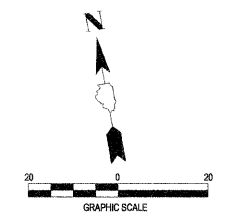


- NOTE:
- CROSSWALKS AND SIGNALIZATION TO BE ADDED/UPGRADED TO FACILITATE PEDESTRIAN TRAFFIC ACROSS EADS BRIDGE RAMP
 - AN UNDERGROUND "CABLE MARKING TAPE" SHALL BE INSTALLED WITH ALL TRENCH AND BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH THE ARTICLES 815.03(D) AND 1066.05 OF THE STANDARD SPECIFICATION.
 - THE CONDUIT QUANTITIES SHOWN ON THE PLANS ARE PRIOR TO CONSTRUCTION OF THE NEW PAVEMENT AND SHOULDER. THE CONTRACTOR AT HIS/HER OPTION MAY UTILIZE DIRECTIONAL BORING AND/OR TRENCHING SHOULDER INSTEAD OF TRENCHING AND BACKFILLING PROPOSED CONDUIT AT NO ADDITIONAL COST TO THE CONTRACT.

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
BY	
DATE	
BY	

PLOT DATE=\$DATE\$
 FILE NAME=\$FILE\$
 PLOT SCALE=\$SCALE\$
 USER NAME=\$USER\$

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9187A	06-00216-00-SW	ST. CLAIR	34	17
STA. 10+00.00		TO STA. 15+00.00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97393				



GENERAL NOTES:

- PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE.
- ALL POLE BASES SHALL BE INSTALLED SUCH THAT THE FRONT EDGE OF THE POLE BASE IS SET BACK TWO FEET FROM THE FACE OF THE EXISTING CURB.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR SLIGHT REVISIONS TO THE LOCATIONS OF DEVICES AND WIRING TO ELIMINATE POTENTIAL CONFLICTS WITH THE EXISTING UTILITIES.
- SEE NOTE SHEET 23 FOR LIGHT POLE PLACEMENT LOCATION DETAILS.

KEYED NOTES: (X)

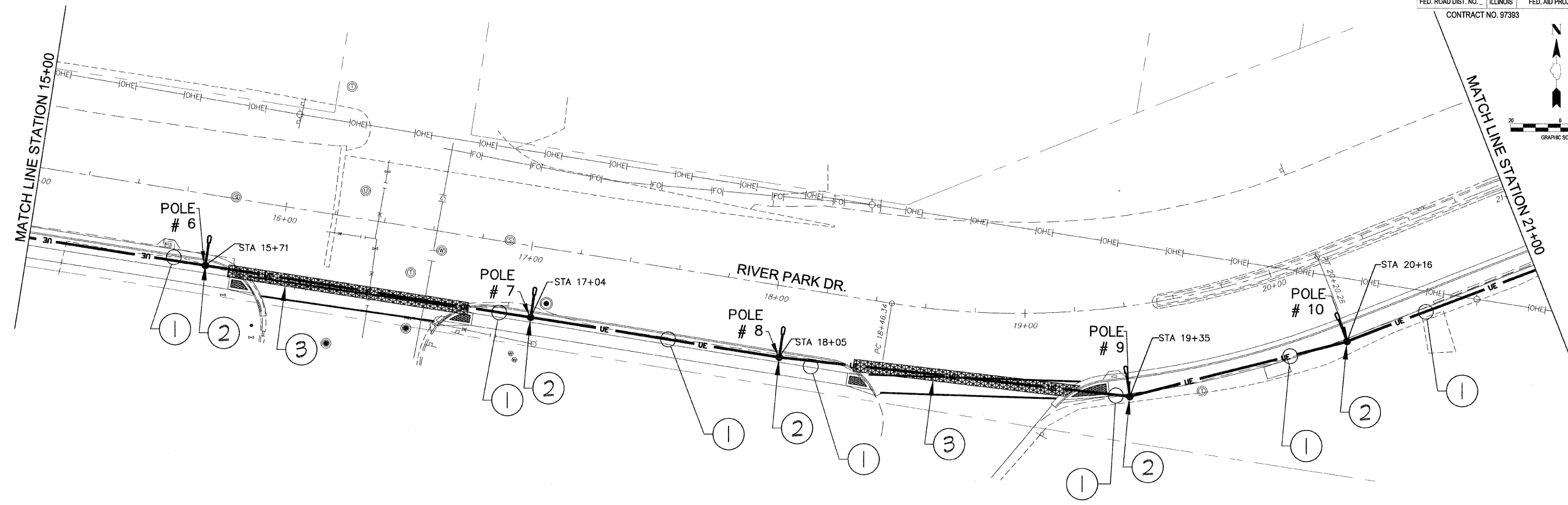
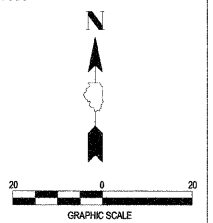
- 2 - #4 AWG AND 1 - #8 AWG GND IN A 1 1/4 INCH PVC CONDUIT BURIED 36 INCHES BELOW GRADE. SEE THE TRENCH DETAIL ON SHEET 23.
- RELOCATED LIGHT POLE AND BASE AS INDICATED. SEE SHEET 7 FOR EXISTING LOCATION. SEE THE POLE BASE DETAIL ON SHEET 23. THIS LIGHT FIXTURE SHALL BE CONNECTED TO LIGHTING CIRCUIT #1 AS INDICATED ON THE WIRING DIAGRAM - SERVICE #1 ON SHEET 23. WIRE SIZES BETWEEN POLES SHALL BE AS INDICATED. EACH LIGHT POLE SHALL BE CONNECTED TO FEEDER VIA THE POLE MANUFACTURERS FUSE KIT WITH FUSE RATED AT 10 AMPERES. THE FUSE SHALL BE LOCATED IN THE HANDHOLE AND CONNECTED VIA A #10 AWG FEEDER TAP. WIRING RISERS UP THE POLES SHALL BE #12 AWG. SPLICE WIRING INSIDE OF POLE HANDHOLE WITH APPROVED CONNECTORS.

PLOT DATE = 8/24/09
 PLOT SCALE = 1"=20'
 USER NAME = BUSSES

MARK A. RITTER
 068-051600
 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
 8-5-09
 Exp 11-30-09

HR
 HURST-ROSCHÉ
 ENGINEERS INC.
 PROFESSIONAL DESIGN NUMBER: 184-00058

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9187A	06-00216-00-SW	ST. CLAIR	24	18
STA. 15+00.00		TO STA.21+00.00		
FED. ROAD DIST. NO. ...	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97393				



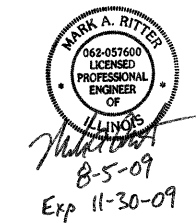
GENERAL NOTES:

- PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE.
- ALL POLE BASES SHALL BE INSTALLED SUCH THAT THE FRONT EDGE OF THE POLE BASE IS SET BACK TWO FEET FROM THE FACE OF THE EXISTING CURB.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR SLIGHT REVISIONS TO THE LOCATIONS OF DEVICES AND WIRING TO ELIMINATE POTENTIAL CONFLICTS WITH THE EXISTING UTILITIES.
- SEE SHEET 23 FOR LIGHT POLE PLACEMENT LOCATION DETAILS.

KEYED NOTES: (X)

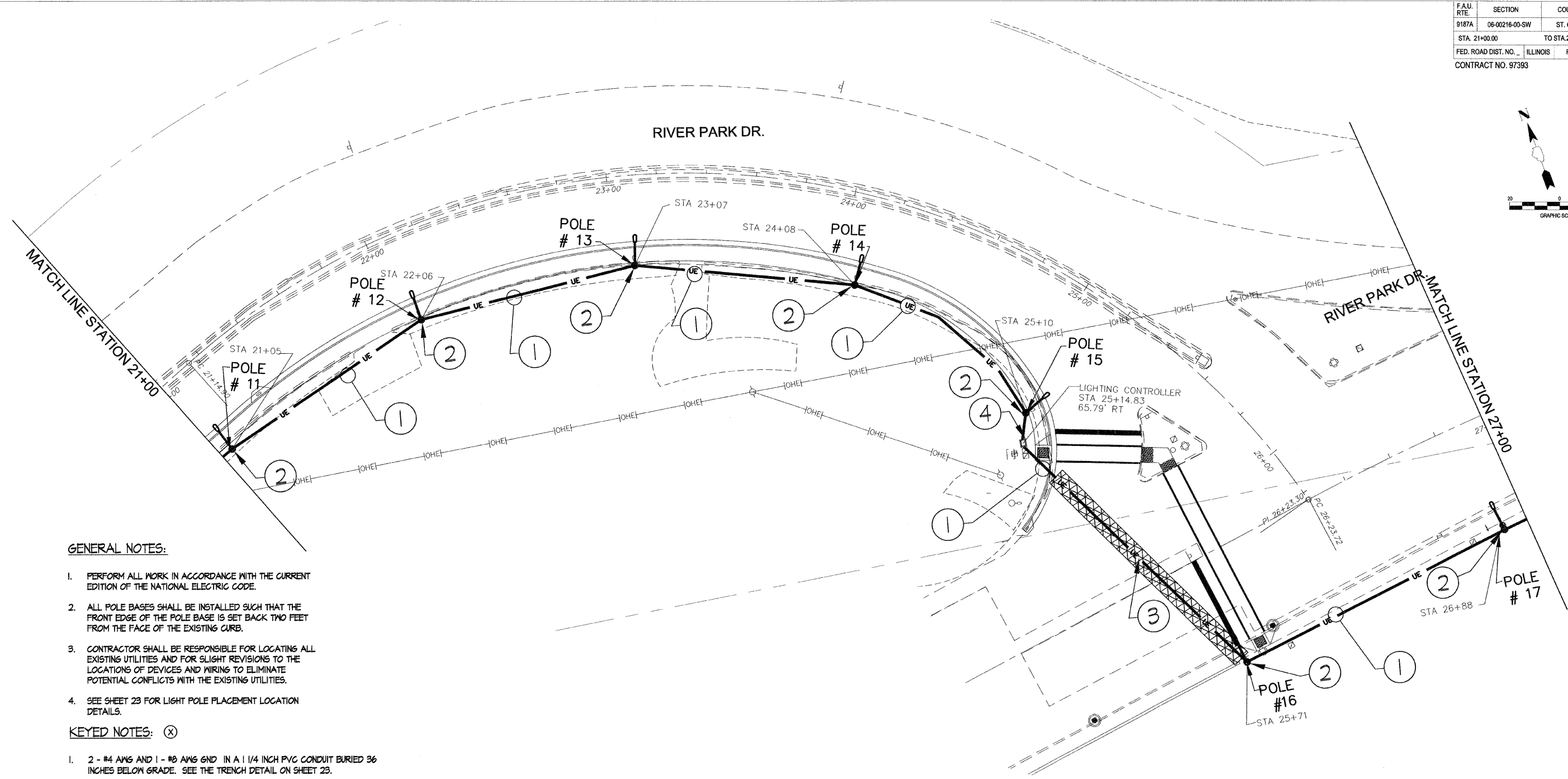
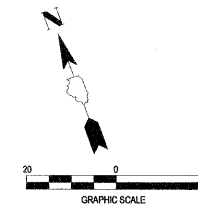
- 2 - #4 AWG AND 1 - #8 AWG GND IN A 1 1/4 INCH PVC CONDUIT BURIED 36 INCHES BELOW GRADE. SEE THE TRENCH DETAIL ON SHEET 23.
- RELOCATED LIGHT POLE AND BASE AS INDICATED. SEE SHEET 8 FOR EXISTING LOCATION. SEE THE POLE BASE DETAIL ON SHEET 23. THIS LIGHT FIXTURE SHALL BE CONNECTED TO LIGHTING CIRCUIT #1 AS INDICATED ON THE WIRING DIAGRAM - SERVICE #1 ON SHEET 23. WIRE SIZES BETWEEN POLES SHALL BE AS INDICATED. EACH LIGHT POLE SHALL BE CONNECTED TO FEEDER VIA THE POLE MANUFACTURERS FUSE KIT WITH FUSE RATED AT 10 AMPERES. THE FUSE SHALL BE LOCATED IN THE HANDHOLE AND CONNECTED VIA A #10 AWG FEEDER TAP. WIRING RISERS UP THE POLES SHALL BE #12 AWG. SPLICE WIRING INSIDE OF POLE HANDHOLE WITH APPROVED CONNECTORS.
- CONTRACTOR SHALL BORE CONDUIT BENEATH EXISTING ROADWAY.

PLOT DATE=8/24/09
FILE NAME=8/FILE18
PLOT SCALE=SCALE\$
USER NAME=JUSER\$



HR
HURST-ROSCHÉ
ENGINEERS INC.
PROFESSIONAL DESIGN NUMBER: 164-00088

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9187A	08-00216-00-SW	ST. CLAIR	34	19
STA. 21+00.00		TO STA. 27+00.00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97393				



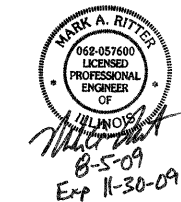
GENERAL NOTES:

1. PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE.
2. ALL POLE BASES SHALL BE INSTALLED SUCH THAT THE FRONT EDGE OF THE POLE BASE IS SET BACK TWO FEET FROM THE FACE OF THE EXISTING CURB.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR SLIGHT REVISIONS TO THE LOCATIONS OF DEVICES AND WIRING TO ELIMINATE POTENTIAL CONFLICTS WITH THE EXISTING UTILITIES.
4. SEE SHEET 23 FOR LIGHT POLE PLACEMENT LOCATION DETAILS.

KEYED NOTES: (X)

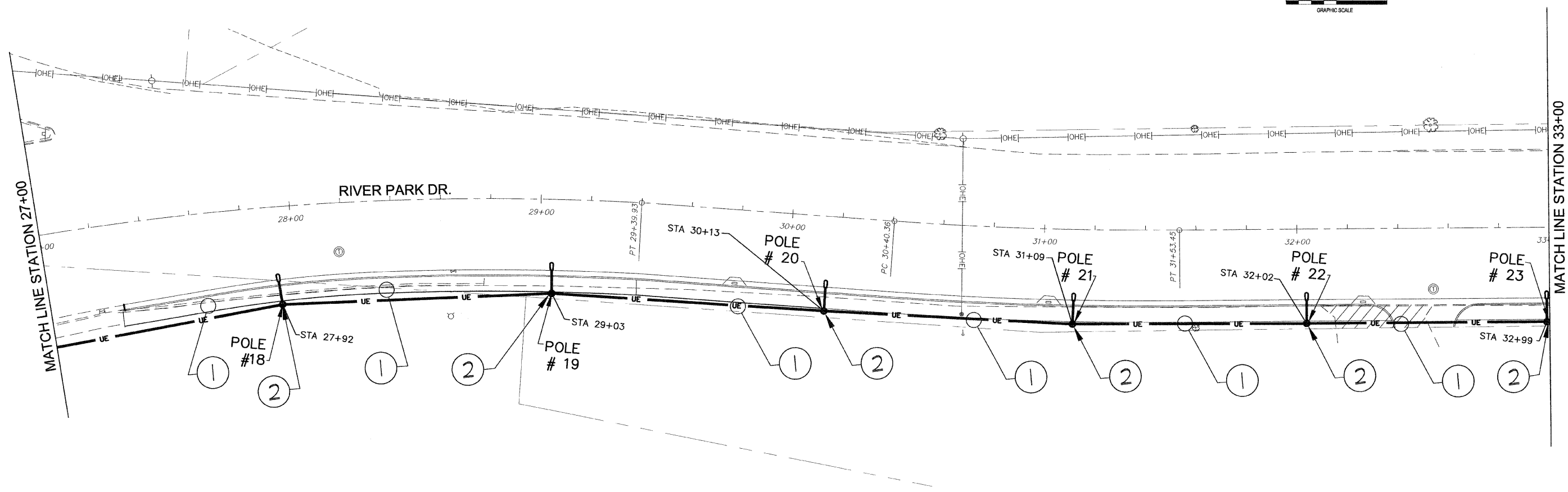
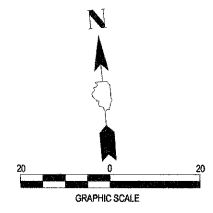
1. 2 - #4 AWG AND 1 - #6 AWG GND IN A 1 1/4 INCH PVC CONDUIT BURIED 36 INCHES BELOW GRADE. SEE THE TRENCH DETAIL ON SHEET 23.
2. RELOCATED LIGHT POLE AND BASE AS INDICATED. SEE SHEET 9 FOR EXISTING LOCATION. SEE THE POLE BASE DETAIL ON SHEET 23. THIS LIGHT FIXTURE SHALL BE CONNECTED TO LIGHTING CIRCUIT #1 AS INDICATED ON THE WIRING DIAGRAM - SERVICE #1 ON SHEET 23. WIRE SIZES BETWEEN POLES SHALL BE AS INDICATED. EACH LIGHT POLE SHALL BE CONNECTED TO FEEDER VIA THE POLE MANUFACTURERS FUSE KIT WITH FUSE RATED AT 10 AMPERES. THE FUSE SHALL BE LOCATED IN THE HANDHOLE AND CONNECTED VIA A #10 AWG FEEDER TAP. WIRING RISERS UP THE POLES SHALL BE #12 AWG. SPLICE WIRING INSIDE OF POLE HANDHOLE WITH APPROVED CONNECTORS.
3. CONTRACTOR SHALL BORE CONDUIT BENEATH EXISTING ROADWAY.
4. EXISTING LIGHTING CONTROLLER. REMOVE EXISTING 50A, 2 POLE CIRCUIT BREAKERS AND INSTALL 60A, 2 POLE CIRCUIT BREAKER.

PLOT DATE = \$DATE\$
FILE NAME = \$FILE\$
PLOT SCALE = \$SCALE\$
USER NAME = \$USER\$



HR
HURST-ROSCHÉ
ENGINEERS INC.
PROFESSIONAL DESIGN NUMBER: 184-000288

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9187A	06-00216-00-SW	ST. CLAIR	31	20
STA. 27+00.00		TO STA. 33+00.00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97393				



GENERAL NOTES:

1. PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE.
2. ALL POLE BASES SHALL BE INSTALLED SUCH THAT THE FRONT EDGE OF THE POLE BASE IS SET BACK TWO FEET FROM THE FACE OF THE EXISTING CURB.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR SLIGHT REVISIONS TO THE LOCATIONS OF DEVICES AND WIRING TO ELIMINATE POTENTIAL CONFLICTS WITH THE EXISTING UTILITIES.
4. SEE SHEET 23 FOR LIGHT POLE PLACEMENT LOCATION DETAILS.

KEYED NOTES: (X)

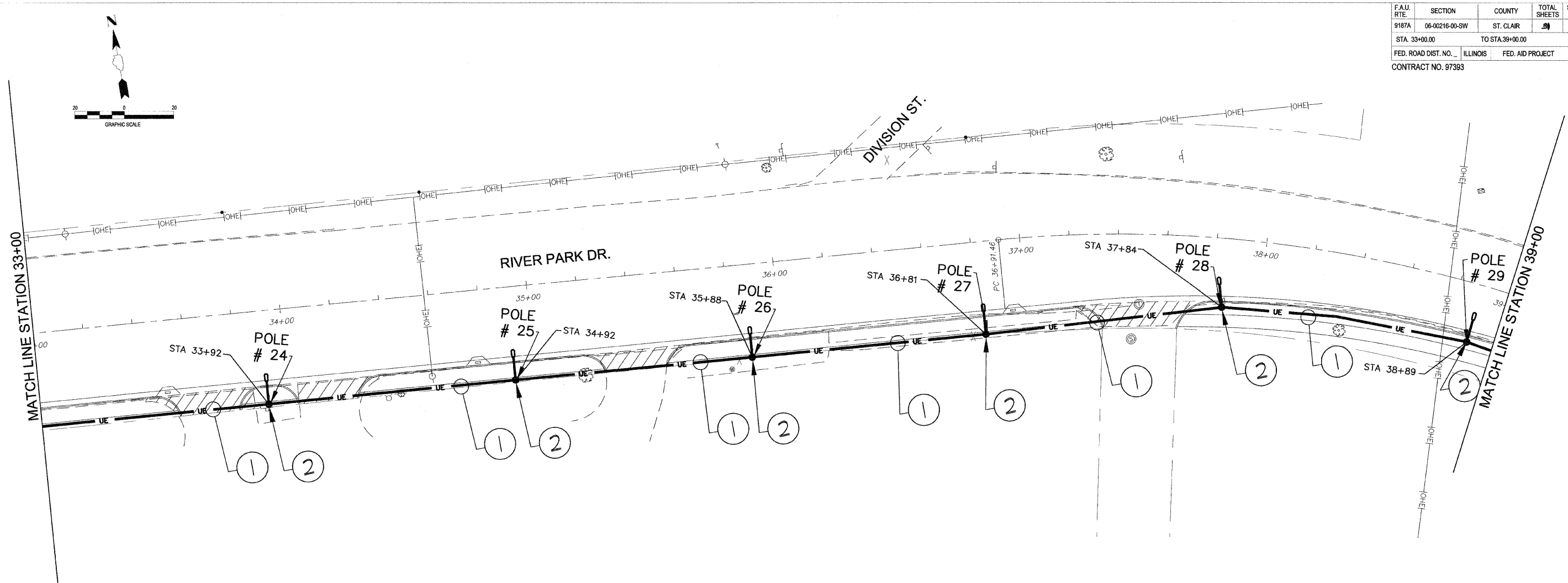
1. 2 - #4 AWG AND 1 - #8 AWG GND. IN A 1 1/4 INCH PVC CONDUIT BURIED 36 INCHES BELOW GRADE. SEE THE TRENCH DETAIL ON SHEET 23.
2. RELOCATED LIGHT POLE AND BASE AS INDICATED. SEE SHEET 10 FOR EXISTING LOCATION. SEE THE POLE BASE DETAIL ON SHEET 23. THIS LIGHT FIXTURE SHALL BE CONNECTED TO LIGHTING CIRCUIT #2 AS INDICATED ON THE WIRING DIAGRAM - SERVICE #1 ON SHEET 23. WIRE SIZES BETWEEN POLES SHALL BE AS INDICATED. EACH LIGHT POLE SHALL BE CONNECTED TO FEEDER VIA THE POLE MANUFACTURERS FUSE KIT WITH FUSE RATED AT 10 AMPERES. THE FUSE SHALL BE LOCATED IN THE HANDHOLE AND CONNECTED VIA A #10 AWG FEEDER TAP. WIRING RISERS UP THE POLES SHALL BE #12 AWG. SPLICE WIRING INSIDE OF POLE HANDHOLE WITH APPROVED CONNECTORS.

PLOT DATE=\$DATE\$
FILE NAME=\$FILE\$
PLOT SCALE=\$SCALE\$
USER NAME=\$USER\$

MARK A. RITTER
062-057600
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
8-5-09
Exp 11-30-09

HR
HURST-ROSCHÉ
ENGINEERS INC.
PROFESSIONAL DESIGN NUMBER: 184-000298

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9187A	06-00216-00-SW	ST. CLAIR	21	21
STA. 33+00.00		TO STA. 39+00.00		
FED. ROAD DIST. NO. ...		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 97393				



GENERAL NOTES:

1. PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE.
2. ALL POLE BASES SHALL BE INSTALLED SUCH THAT THE FRONT EDGE OF THE POLE BASE IS SET BACK TWO FEET FROM THE FACE OF THE EXISTING CURB.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR SLIGHT REVISIONS TO THE LOCATIONS OF DEVICES AND WIRING TO ELIMINATE POTENTIAL CONFLICTS WITH THE EXISTING UTILITIES.
4. SEE SHEET 23 FOR LIGHT POLE PLACEMENT LOCATION DETAILS.

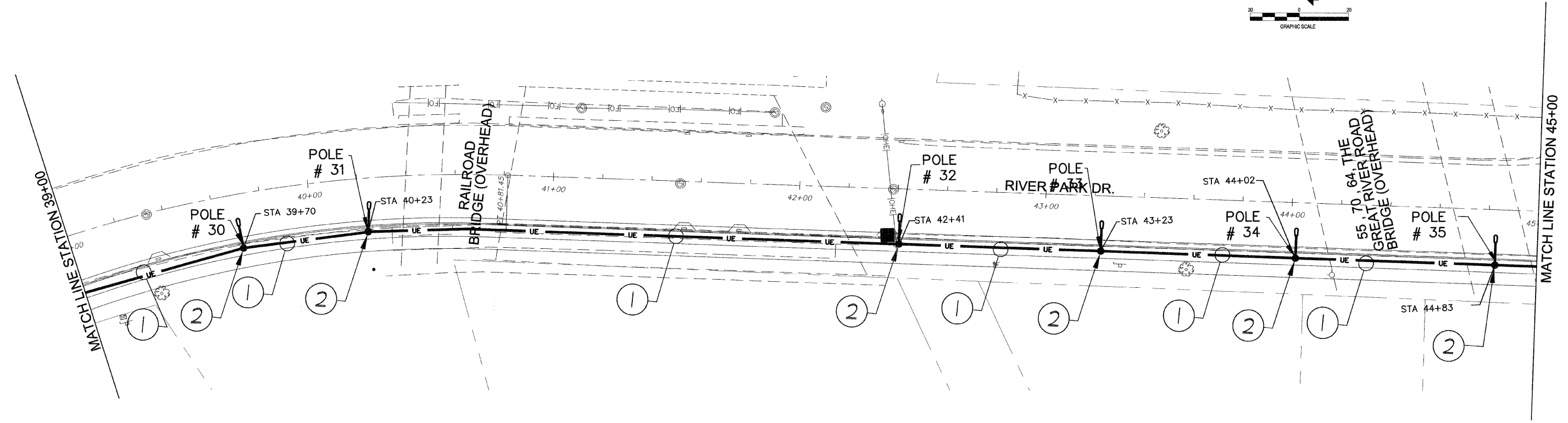
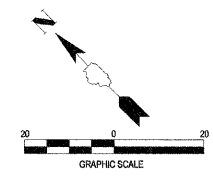
KEYED NOTES:

1. 2 - #4 AWG AND 1 - #3 AWG GND IN A 1 1/4 INCH PVC CONDUIT BURIED 36 INCHES BELOW GRADE. SEE THE TRENCH DETAIL ON SHEET 23.
2. RELOCATED LIGHT POLE AND BASE AS INDICATED. SEE SHEET 11 FOR EXISTING LOCATION. SEE THE POLE BASE DETAIL ON SHEET 23. THIS LIGHT FIXTURE SHALL BE CONNECTED TO LIGHTING CIRCUIT #2 AS INDICATED ON THE WIRING DIAGRAM - SERVICE #1 ON SHEET 23. WIRE SIZES BETWEEN POLES SHALL BE AS INDICATED. EACH LIGHT POLE SHALL BE CONNECTED TO FEEDER VIA THE POLE MANUFACTURERS FUSE KIT WITH FUSE RATED AT 10 AMPERES. THE FUSE SHALL BE LOCATED IN THE HANDHOLE AND CONNECTED VIA A #10 AWG FEEDER TAP. WIRING RISERS UP THE POLES SHALL BE #12 AWG. SPLICE WIRING INSIDE OF POLE HANDHOLE WITH APPROVED CONNECTORS.

MARK A. RITTER
 062-051600
 LICENSED
 PROFESSIONAL
 ENGINEER
 OF
 ILLINOIS
 8-5-09
 Exp 11-30-09

HR
 HURST-ROSCHÉ
 ENGINEERS INC.
PROFESSIONAL DESIGN NUMBER: 184-000896

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9187A	06-00216-00-SW	ST. CLAIR	30	22
STA. 39+00.00		TO STA. 45+00.00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97393				



GENERAL NOTES:

1. PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE.
2. ALL POLE BASES SHALL BE INSTALLED SUCH THAT THE FRONT EDGE OF THE POLE BASE IS SET BACK TWO FEET FROM THE FACE OF THE EXISTING CURB.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR SLIGHT REVISIONS TO THE LOCATIONS OF DEVICES AND WIRING TO ELIMINATE POTENTIAL CONFLICTS WITH THE EXISTING UTILITIES.
4. SEE SHEET 23 FOR LIGHT POLE PLACEMENT LOCATION DETAILS.

KEYED NOTES:

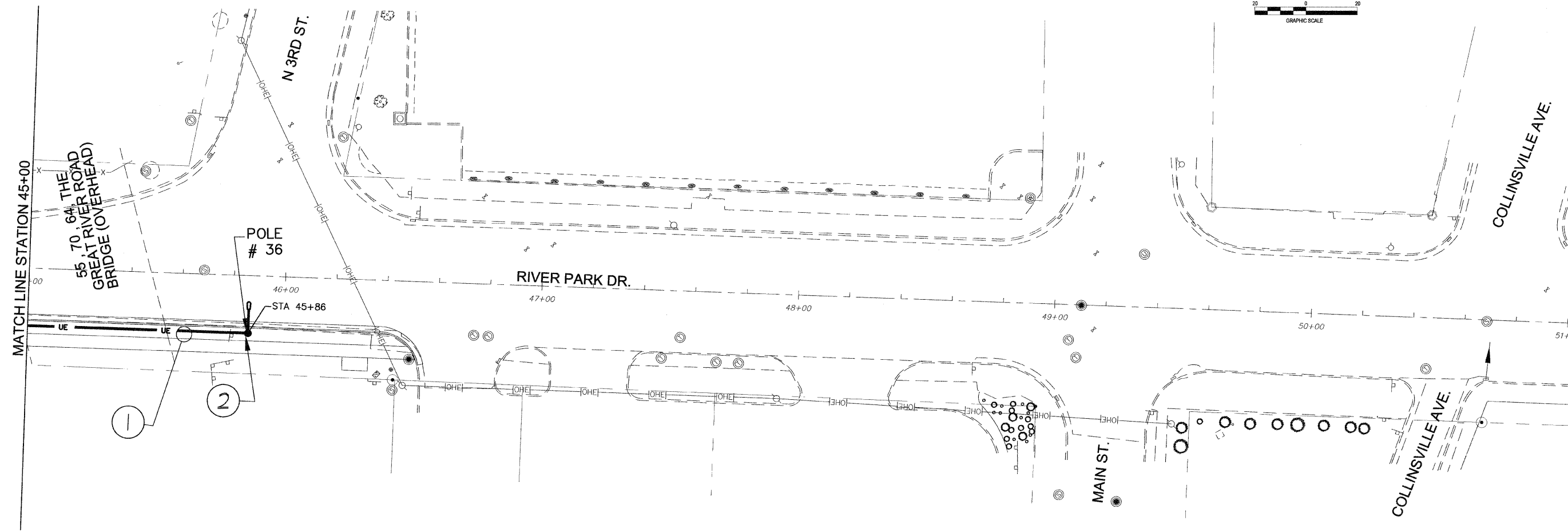
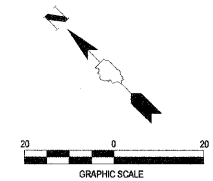
1. 2 - #4 AWG AND 1 - #8 AWG GND IN A 1 1/4 INCH PVC CONDUIT BURIED 36 INCHES BELOW GRADE. SEE THE TRENCH DETAIL ON SHEET 23.
2. RELOCATED LIGHT POLE AND BASE AS INDICATED. SEE SHEET 12 FOR EXISTING LOCATION. SEE THE POLE BASE DETAIL ON SHEET 24. THIS LIGHT FIXTURE SHALL BE CONNECTED TO LIGHTING CIRCUIT #2 AS INDICATED ON THE WIRING DIAGRAM - SERVICE #1 ON SHEET 23. WIRE SIZES BETWEEN POLES SHALL BE AS INDICATED. EACH LIGHT POLE SHALL BE CONNECTED TO FEEDER VIA THE POLE MANUFACTURERS FUSE KIT WITH FUSE RATED AT 10 AMPERES. THE FUSE SHALL BE LOCATED IN THE HANDHOLE AND CONNECTED VIA A #10 AWG FEEDER TAP. WIRING RISERS UP THE POLES SHALL BE #12 AWG. SPLICE WIRING INSIDE OF POLE HANDHOLE WITH APPROVED CONNECTORS.

PLOT DATE=DATE\$
FILE NAME=FILEL\$
PLOT SCALE=SCALE\$
USER NAME=USER\$



HR
HURST-ROSCHÉ
ENGINEERS INC.
PROFESSIONAL DESIGN NUMBER: 164-000890

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9187A	06-00216-00-SW	ST. CLAIR	31	23
STA. 45+00.00		TO STA. 51+00.00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97393				



GENERAL NOTES:

1. PERFORM ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE.
2. ALL POLE BASES SHALL BE INSTALLED SUCH THAT THE FRONT EDGE OF THE POLE BASE IS SET BACK TWO FEET FROM THE FACE OF THE EXISTING CURB.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND FOR SLIGHT REVISIONS TO THE LOCATIONS OF DEVICES AND WIRING TO ELIMINATE POTENTIAL CONFLICTS WITH THE EXISTING UTILITIES.
4. SEE SHEET 23 FOR LIGHT POLE PLACEMENT LOCATION DETAILS.

KEYED NOTES:

1. 2 - #4 AWG AND 1 - #8 AWG GND IN A 1 1/4 INCH PVC CONDUIT BURIED 36 INCHES BELOW GRADE. SEE THE TRENCH DETAIL ON SHEET 23.
2. RELOCATED LIGHT POLE AND BASE AS INDICATED. SEE SHEET 13 FOR EXISTING LOCATION. SEE THE POLE BASE DETAIL ON SHEET 24. THIS LIGHT FIXTURE SHALL BE CONNECTED TO LIGHTING CIRCUIT #2 AS INDICATED ON THE WIRING DIAGRAM - SERVICE #1 ON SHEET 23. WIRE SIZES BETWEEN POLES SHALL BE AS INDICATED. EACH LIGHT POLE SHALL BE CONNECTED TO FEEDER VIA THE POLE MANUFACTURERS FUSE KIT WITH FUSE RATED AT 10 AMPERES. THE FUSE SHALL BE LOCATED IN THE HANDHOLE AND CONNECTED VIA A #10 AWG FEEDER TAP. WIRING RISERS UP THE POLES SHALL BE #12 AWG. SPLICE WIRING INSIDE OF POLE HANDHOLE WITH APPROVED CONNECTORS.

PLOT DATE = \$DATE\$
 FILE NAME = \$FILE\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

MARK A. RITTER
 062-057600
 LICENSED
 PROFESSIONAL
 ENGINEER
 OF
 ILLINOIS
 8-5-09
 Exp 11-30-09

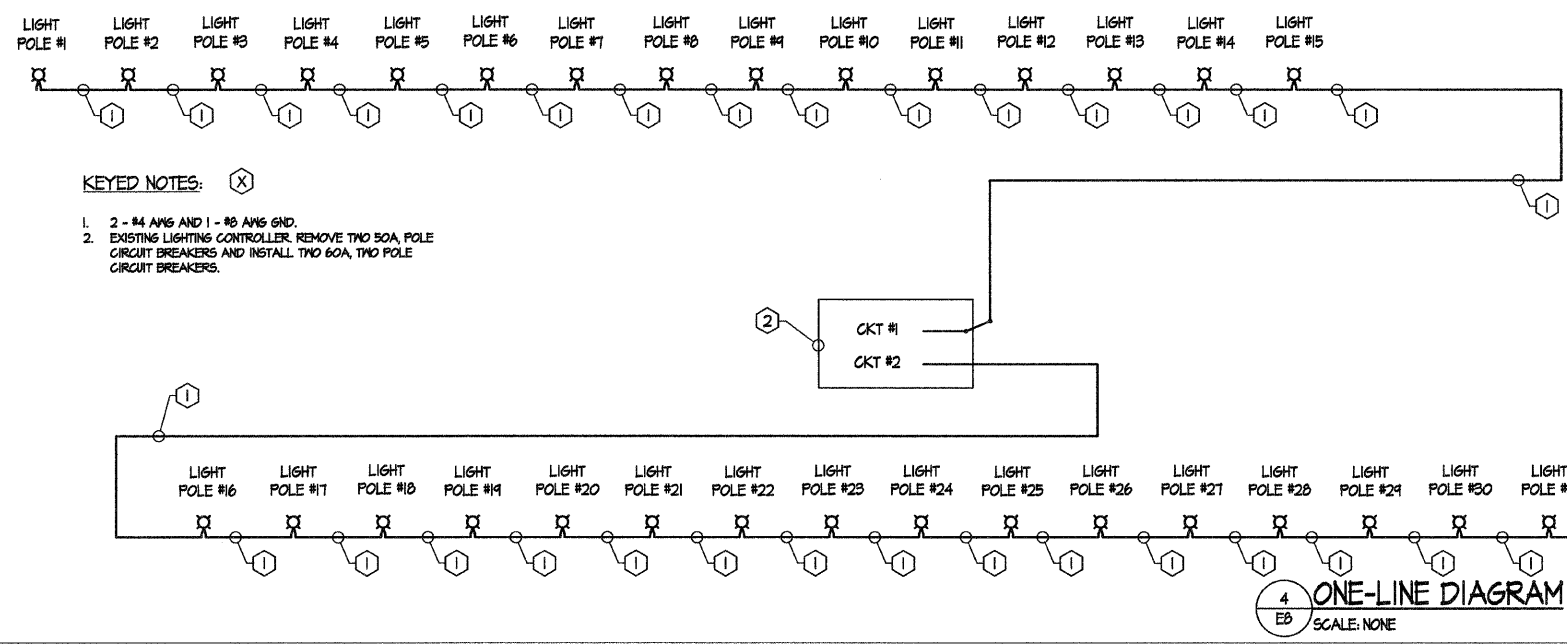
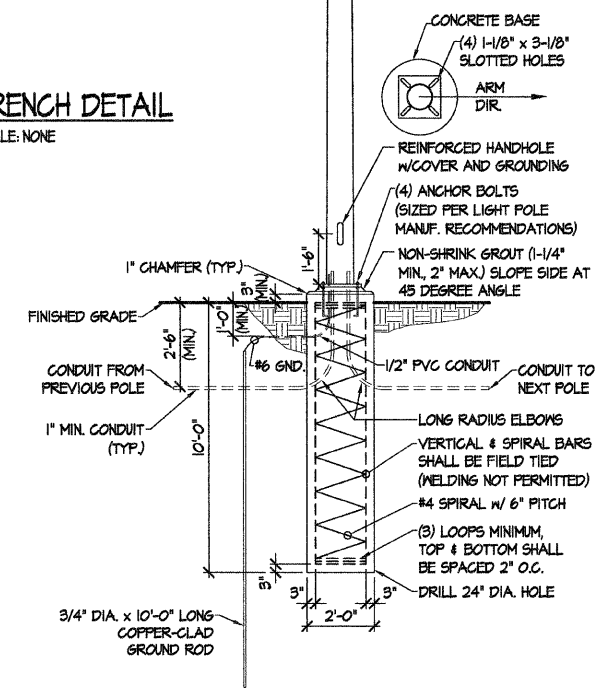
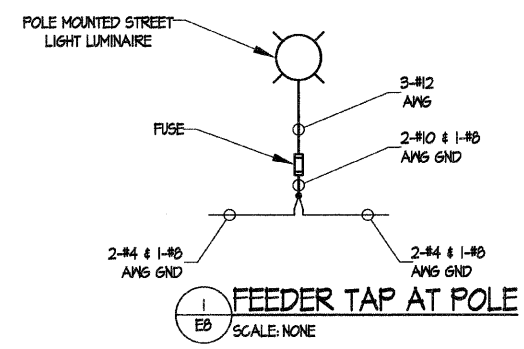
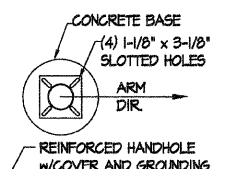
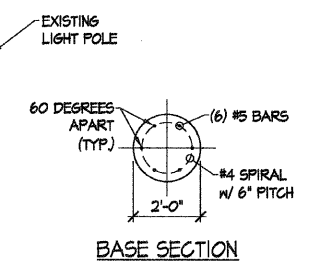
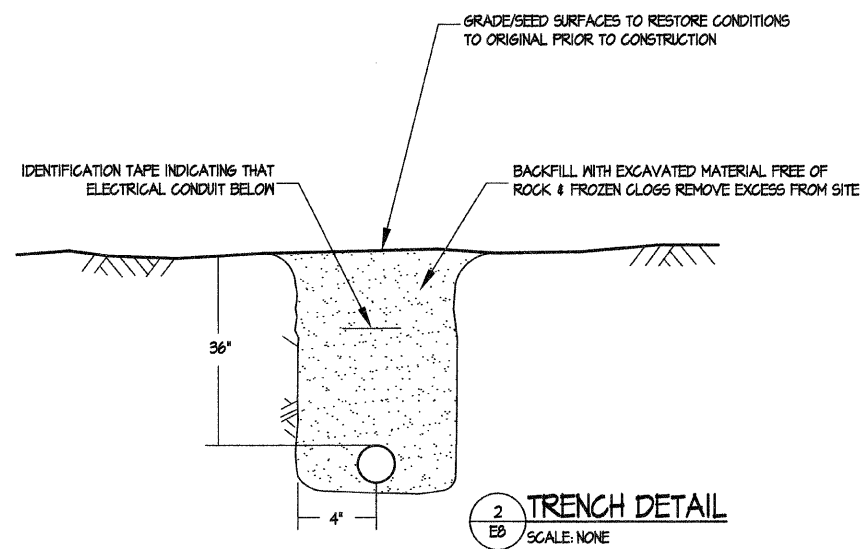
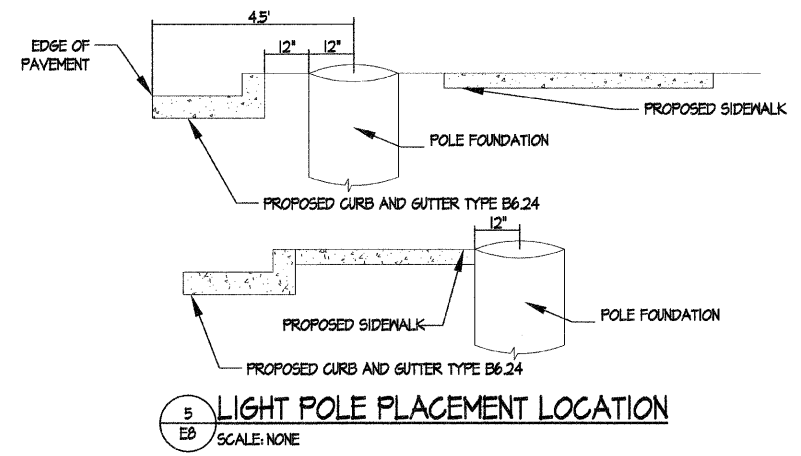
HR
 HURST-ROSCHÉ
 ENGINEERS INC.
 PROFESSIONAL DESIGN NUMBER: 184-000296



Conduit, Cable and Trench Backfill						
From Pole No.	To Pole No.	Conduit		Electric Cable in Conduit 600V (XLP-)		Trench and Backfill for Electrical Work (Foot)
		Trenched 1 1/4" Dia., PVC (Foot)	Pushed 1 1/4" Dia., PVC (Foot)	1/c No. 8 (Foot)	1/c No. 4 (Foot)	
1	2	97		107	214	97
2	3	81		91	182	81
3	4	125		135	270	125
4	5	102		112	224	102
5	6	89		99	198	89
6	7	30	100	140	280	30
7	8	101		111	222	101
8	9	55	85	150	300	55
9	10	81		91	182	81
10	11	89		99	198	89
11	12	101		111	222	101
12	13	101		111	222	101
13	14	101		111	222	101
14	15	102		112	224	102
15	Controller	17		27	54	17
Controller	16	20	105	135	270	20
16	17	117		127	254	117
17	18	104		114	228	104
18	19	111		121	242	111
19	20	110		120	240	110
20	21	96		106	212	96
21	22	93		103	206	93
22	23	97		107	214	97
23	24	93		103	206	93
24	25	100		110	220	100
25	26	96		106	212	96
26	27	93		103	206	93
27	28	103		113	226	103
28	29	105		115	230	105
29	30	81		91	182	81
30	31	53		63	126	53
31	32	218		228	456	218
32	33	82		92	184	82
33	34	79		89	178	79
34		81		91	182	81
35	36	103		113	226	103
Totals		3307	290	3957	7914	3307

Light Pole Foundation and Relocation			
Pole No.	Station	Relocate Existing Light Pole (Each)	Light Pole Foundation (Each)
1	10+77	1	1
2	11+74	1	1
3	12+55	1	1
4	13+80	1	1
5	14+82	1	1
6	15+71	1	1
7	17+04	1	1
8	18+05	1	1
9	19+35	1	1
10	20+16	1	1
11	21+05	1	1
12	22+06	1	1
13	23+07	1	1
14	24+08	1	1
15	25+10	1	1
16	25+71	1	1
17	26+88	1	1
18	27+92	1	1
19	29+03	1	1
20	30+13	1	1
21	31+09	1	1
22	32+02	1	1
23	32+99	1	1
24	33+92	1	1
25	34+92	1	1
26	35+88	1	1
27	36+81	1	1
28	37+84	1	1
29	38+89	1	1
30	39+70	1	1
31	40+23	1	1
32	42+41	1	1
33	43+23	1	1
34	44+02	1	1
35	44+83	1	1
36	45+86	1	1
Totals		36	36

Light Pole Foundation Removal	
Station	Each
10+77	1
11+69	1
12+64	1
13+80	1
14+82	1
15+82	1
17+04	1
18+05	1
19+35	1
20+16	1
21+05	1
22+06	1
23+07	1
24+08	1
25+10	1
25+71	1
26+88	1
27+92	1
29+03	1
30+13	1
31+09	1
32+02	1
32+99	1
33+96	1
34+92	1
35+88	1
36+81	1
37+84	1
38+89	1
39+70	1
40+23	1
42+41	1
43+23	1
44+02	1
44+83	1
45+86	1
Total	36



KEYED NOTES: (X)

- 2 - #4 ANS AND 1 - #8 ANS GND.
- EXISTING LIGHTING CONTROLLER REMOVE TWO 50A POLE CIRCUIT BREAKERS AND INSTALL TWO 60A, TWO POLE CIRCUIT BREAKERS.

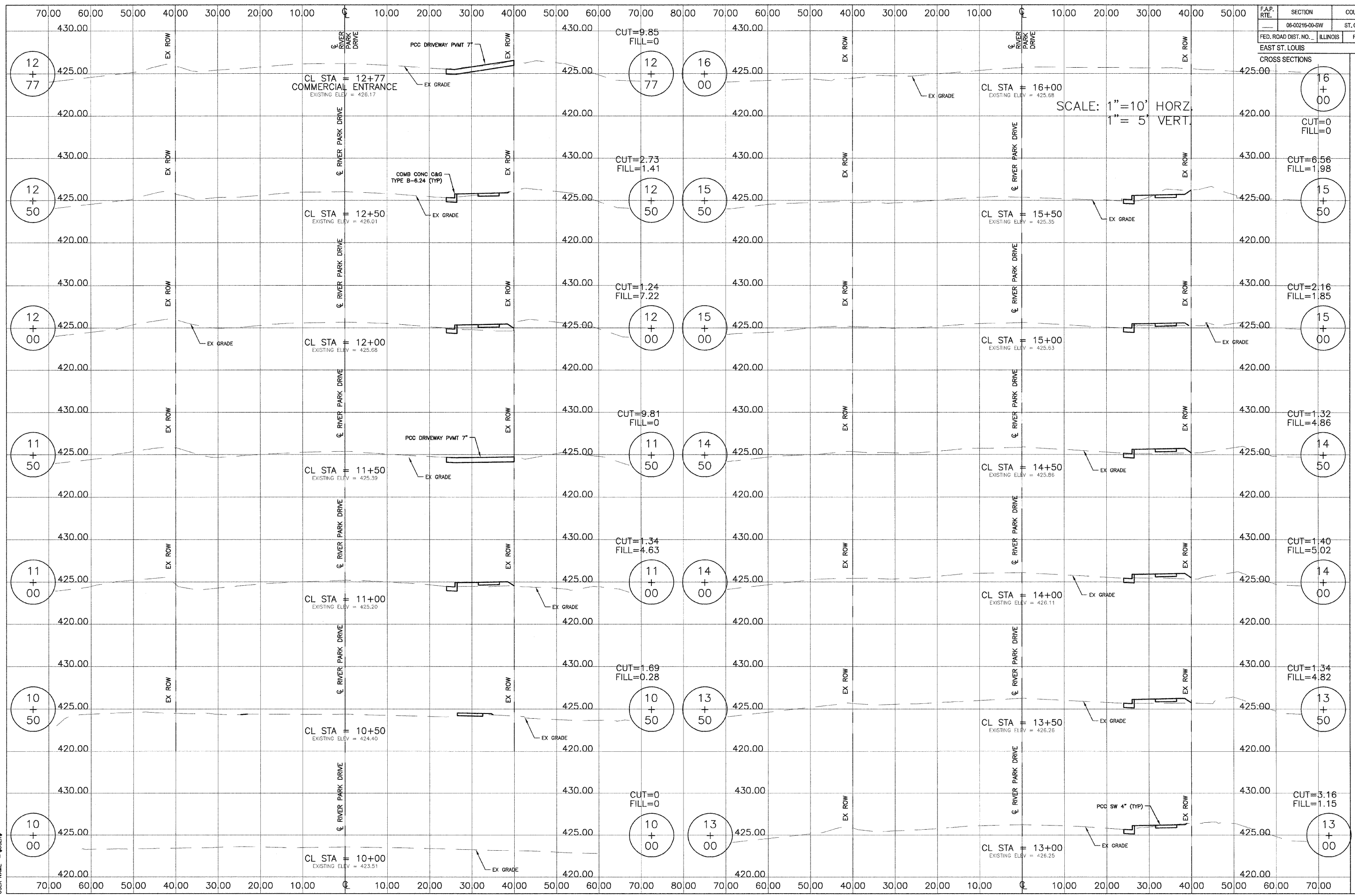
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00216-00-SW	ST. CLAIR		31	25
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EAST ST. LOUIS

CROSS SECTIONS

SCALE: 1"=10' HORZ.
1"=5' VERT.



PROFILE

DATE	
BY	
DESIGNED	
PLOTTED	
CHECKED	
NOTED	
NO.	

PROFILE

DATE	
BY	
DESIGNED	
PLOTTED	
CHECKED	
NOTED	
NO.	

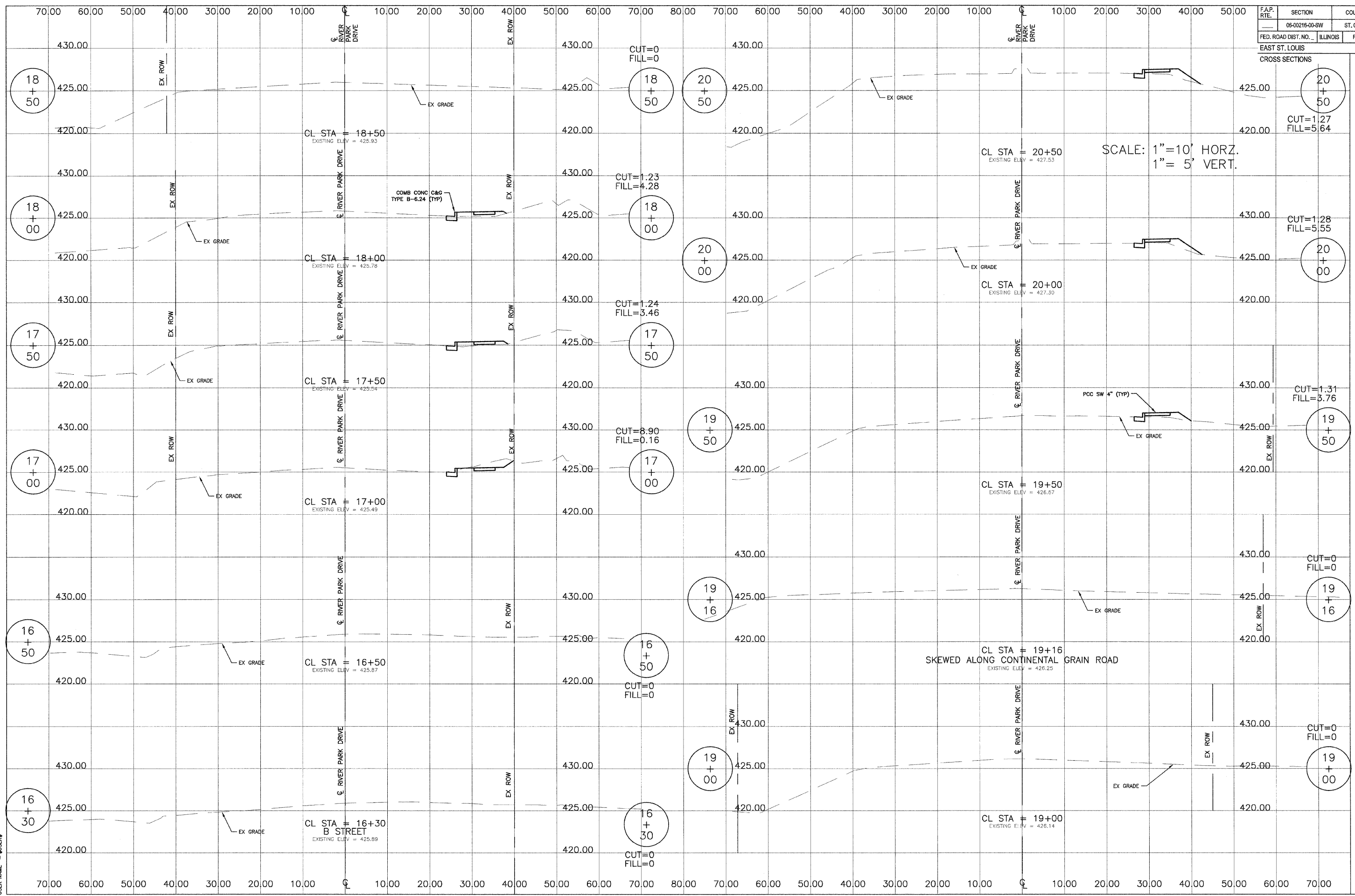
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00216-00-SW	ST. CLAIR	ILLINOIS	31	26
FED. ROAD DIST. NO. ...		FED. AID PROJECT		

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
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REVISIONS	
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DESCRIPTION	

DATE	
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REVISIONS	
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DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

PLOT DATE = DATE
 PLOT NAME = NAME
 PLOT SCALE = SCALE
 USER NAME = USER



EAST ST. LOUIS
CROSS SECTIONS

SCALE: 1"=10' HORZ.
1"= 5' VERT.

20
+
50
CUT=1.27
FILL=5.64

20
+
00
CUT=1.28
FILL=5.55

19
+
50
CUT=1.31
FILL=3.76

19
+
16
CUT=0
FILL=0

19
+
00
CUT=0
FILL=0

CL STA = 19+16
 SKEWED ALONG CONTINENTAL GRAIN ROAD
 EXISTING ELEV = 426.25

CL STA = 18+50
 EXISTING ELEV = 425.93

CL STA = 18+00
 EXISTING ELEV = 425.78

CL STA = 17+50
 EXISTING ELEV = 425.54

CL STA = 17+00
 EXISTING ELEV = 425.49

CL STA = 16+50
 EXISTING ELEV = 425.87

CL STA = 16+30
 B STREET
 EXISTING ELEV = 425.89

CUT=0
FILL=0

CUT=1.23
FILL=4.28

CUT=1.24
FILL=3.46

CUT=8.90
FILL=0.16

CUT=0
FILL=0

CUT=0
FILL=0

16
+
30

16
+
50

17
+
00

17
+
50

18
+
00

18
+
50

19
+
50

19
+
16

19
+
00

20
+
00

20
+
50

COMB CONC C&G
TYPE B-6.24 (TYP)

PCC SW 4" (TYP)

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX ROW

EX GRADE

EX GRADE

EX GRADE

EX GRADE

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW		ST. CLAIR	31	27
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

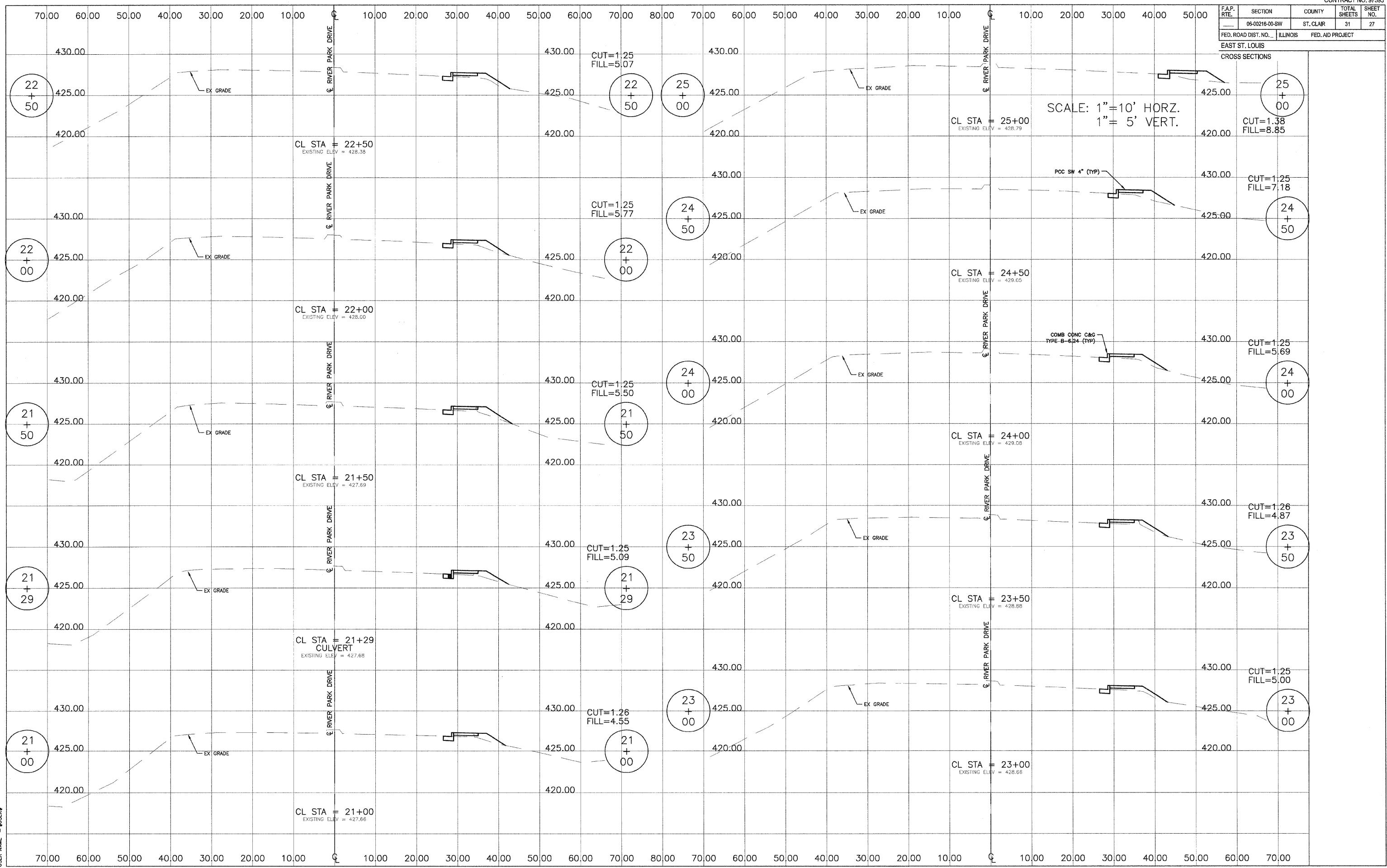
EAST ST. LOUIS CROSS SECTIONS

SCALE: 1"=10' HORZ.
1"=5' VERT.

DATE	
BY	
DESIGNED	
PLOTTED	
CHANGES CHECKED	
STRUCTURE NOTATION CHECKED	
NO.	

DATE	
BY	
DESIGNED	
PLOTTED	
CHANGES CHECKED	
STRUCTURE NOTATION CHECKED	
NO.	

DATE
SCALE
USER NAME



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR	ILLINOIS	31	28
FED. ROAD DIST. NO.	FED. AID PROJECT		EAST ST. LOUIS	

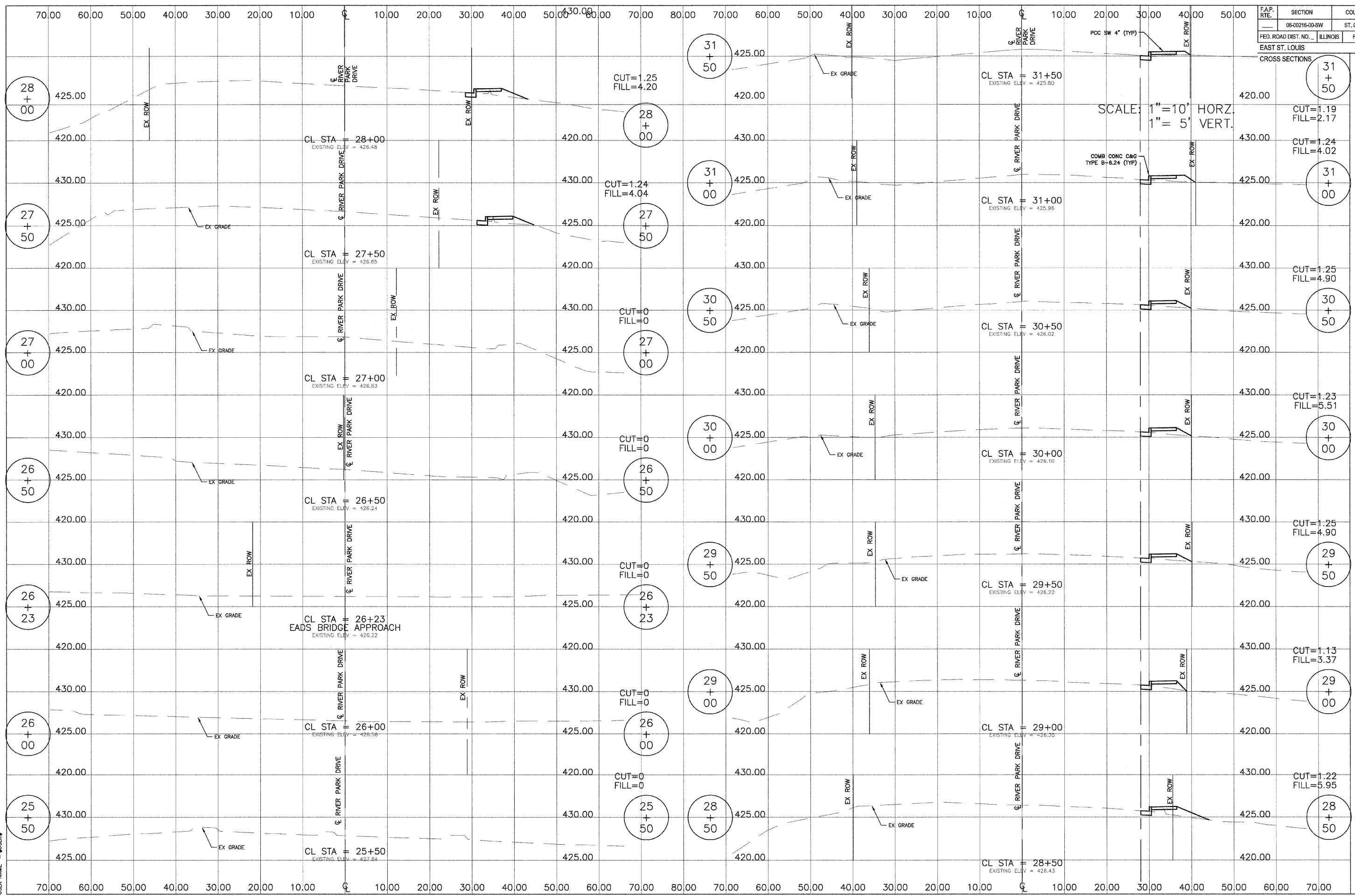
PROFILE

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	

PROFILE

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	

PLOT DATE = \$DATE\$
 PLOT NAME = \$NAME\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$



CROSS SECTIONS

Station	CUT	FILL
31+50	1.19	2.17
31+00	1.24	4.02
30+50	1.25	4.90
30+00	1.23	5.51
29+50	1.25	4.90
29+00	1.13	3.37
28+50	1.22	5.95

F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR		31	29

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

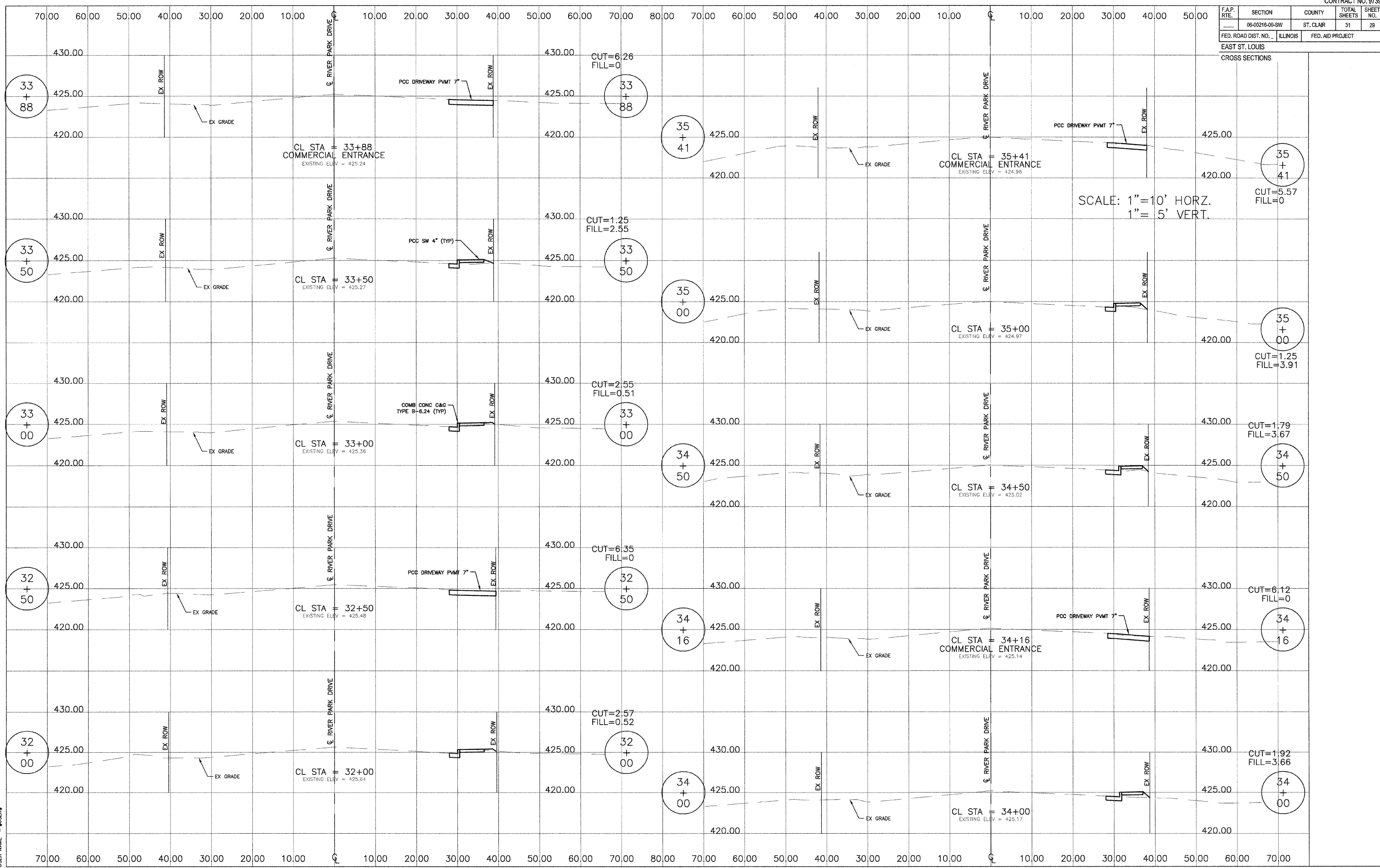
EAST ST. LOUIS

CROSS SECTIONS

DATE	
BY	
REVISIONS	
PLOTTED	
CHECKED	
STRUCTURE	
NOTATION	
NO.	

DATE	
BY	
REVISIONS	
PLOTTED	
CHECKED	
STRUCTURE	
NOTATION	
NO.	

DATE
FILE NAME
PLOT SCALE
USER NAME



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR	ILLINOIS	31	30
FED. ROAD DIST. NO.		FED. AID PROJECT		

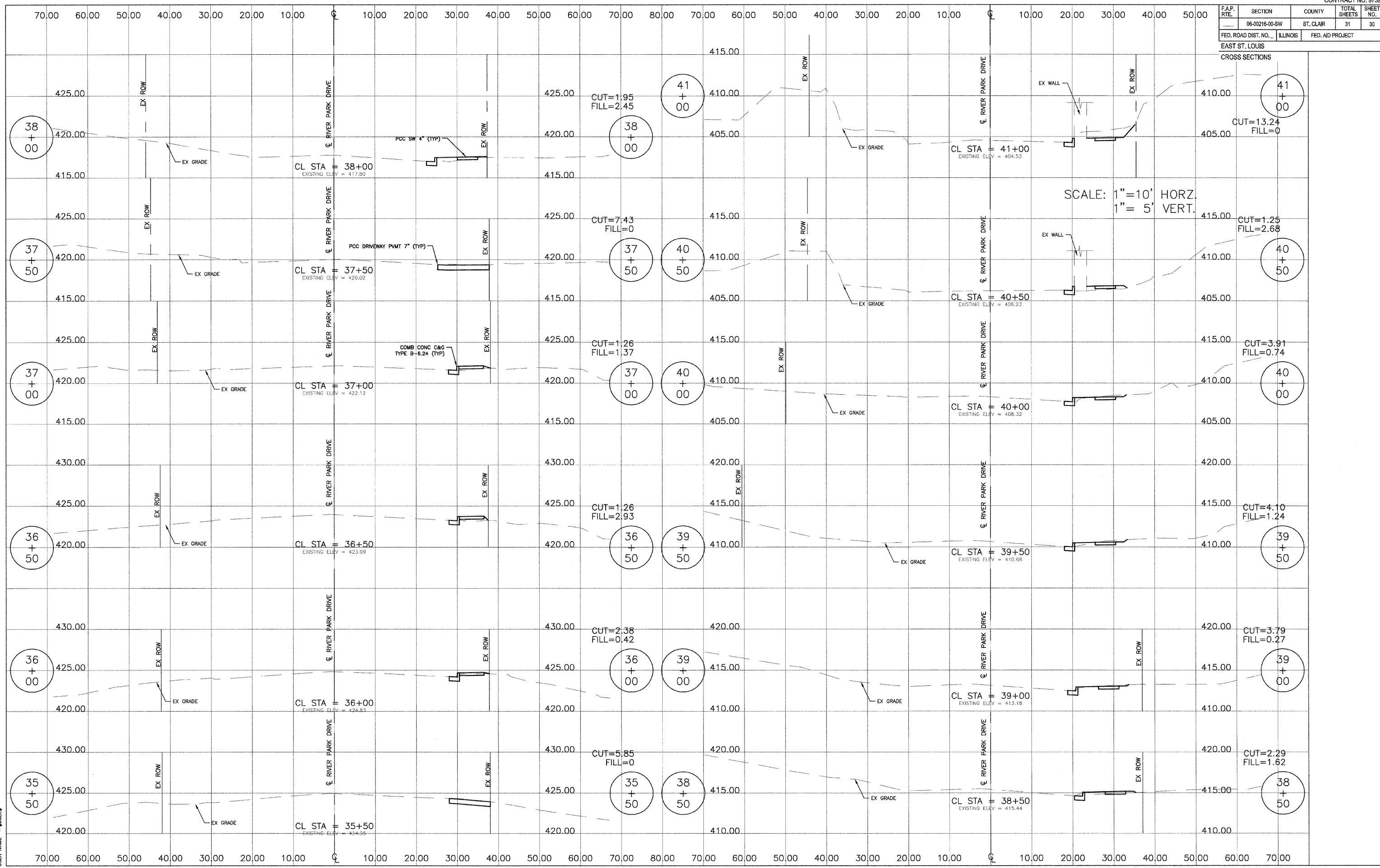
EAST ST. LOUIS

CROSS SECTIONS

DATE	BY

DATE	BY

PLOT DATE = \$DATE\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$



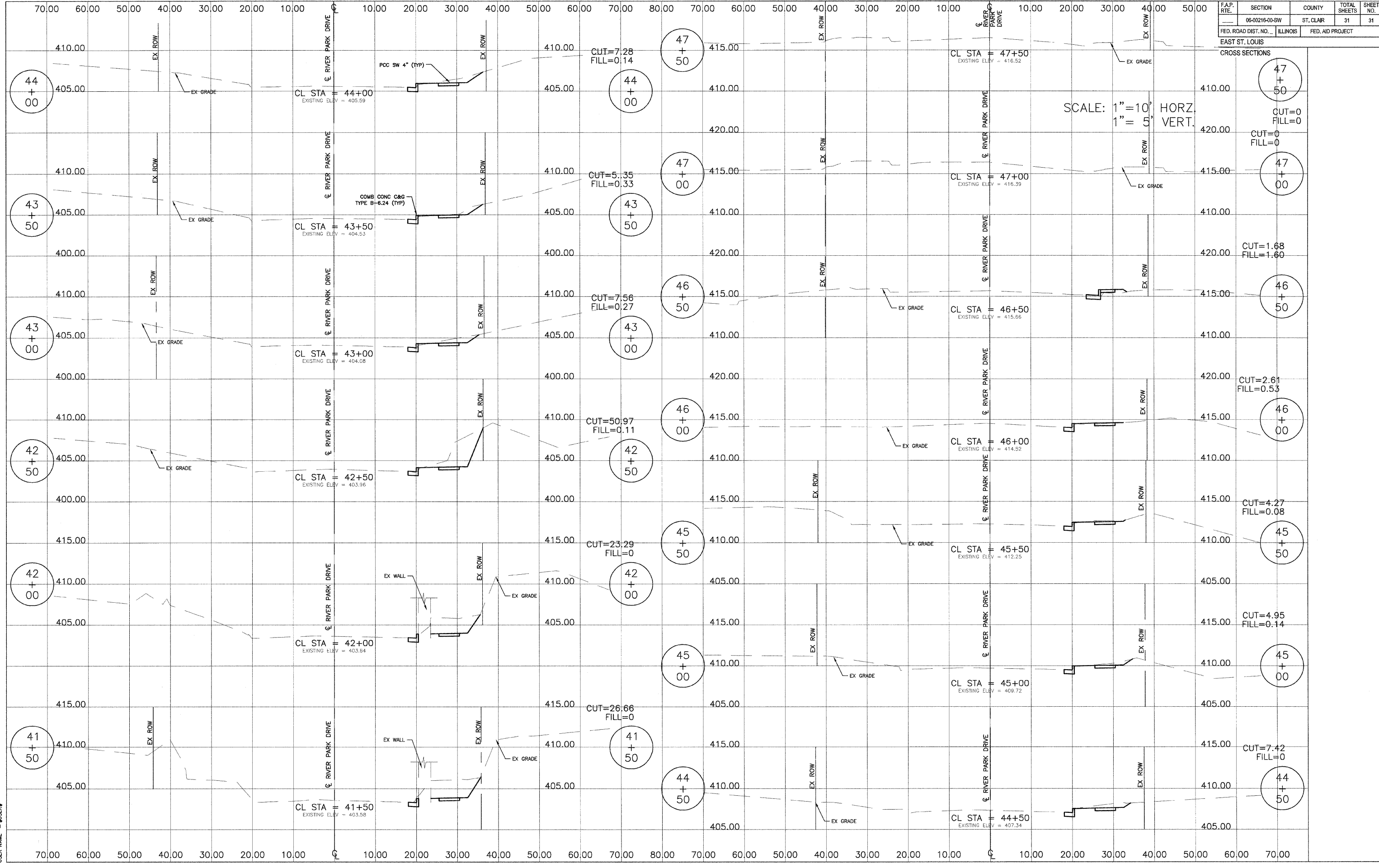
SCALE: 1" = 10' HORZ.
 1" = 5' VERT.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00216-00-SW	ST. CLAIR		31	31
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

DATE
BY
REVISIONS
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REVISIONS
NO.

PLOT DATE = DATE
 PLOT SCALE = SCALE
 USER NAME = USER



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

EAST ST. LOUIS

CROSS SECTIONS