

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
LOCAL AGENCY IMPROVEMENT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
05-00030-01-FP	*	44	
STA. 67+20.50	TO STA.	89+83.95	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJ. NO.	
* FULTON & PEORIA CONTRACT NO. 89395			



LOCATION OF SECTION INDICATED THIS - [Black Box]

THE IMPROVEMENTS UNDER THIS CONTRACT ARE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "BUREAU OF LOCAL ROADS AND STREETS MANUAL, 2005 EDITION"

APPROVED	NOV 9 2006	2006
<i>Cyril S. [Signature]</i> CITY OF FARMINGTON		
PASSED	Nov 16	2006
<i>Therese [Signature]</i> DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS		
Releasing For Bid Based on Limited Review	NOV 16	2006
<i>[Signature]</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER ILLINOIS DEPARTMENT OF TRANSPORTATION		

STATE OF ILLINOIS
 ENG. R. BACHMAN
 062-051288
 PROFESSIONAL ENGINEER
[Signature]
 SIGNATURE
 EXPIRATION DATE NOV. 30, 2007

Farnsworth GROUP
 2706 McGraw Drive
 Bloomington, Illinois 61704
 309.863-6438 / Fax 309.863-1571

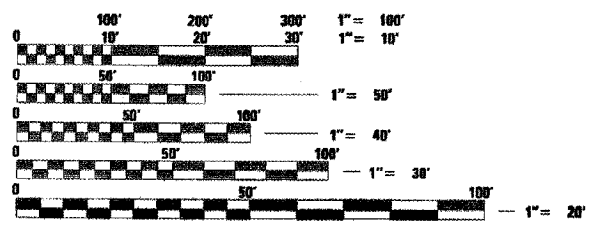
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- 1 COVER SHEET
 - 2 SUMMARY OF QUANTITIES
 - 3 EXISTING TYPICAL CROSS SECTION, LEGEND AND NOTES
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- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
 - 280001-03 TEMPORARY EROSION CONTROL SYSTEMS
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 - 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION
 - 602301-01 INLET - TYPE A
 - 602401-01 MANHOLE TYPE A
 - 602601-01 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
 - 602701-01 CAST IRON STEPS
 - 604001-02 FRAMES AND LIDS, TYPE 1
 - 604036-01 GRATE TYPE 8
 - 606001-03 CONCRETE CURB TYPE B, AND COMB. CONCRETE CURB & GUTTER
 - 606006-01 OUTLETS FOR CONC. CURB & GUTTER TYPE B-6.24
 - 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 - 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 - 701501-03 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 - 701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 - 701801-03 LANE CLOSURE, MULTILANE 1W 0W 2W CROSSWALK OR SIDEWALK CLOSURE
 - 702001-06 TRAFFIC CONTROL DEVICES
 - 780001-01 TYPICAL PAVEMENT MARKINGS
 - BLR 21-6 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
 - BLR 22-4 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

CITY OF FARMINGTON
FULTON & PEORIA COUNTY
PROJECT NO. HPP-4095 (001)
JOB NO. C-94-076-06
LIGHTFOOT ROAD - 2400E
(IL RTE 116 TO SOUTH CORPORATE LIMIT)
SECTION 05-00030-01-FP

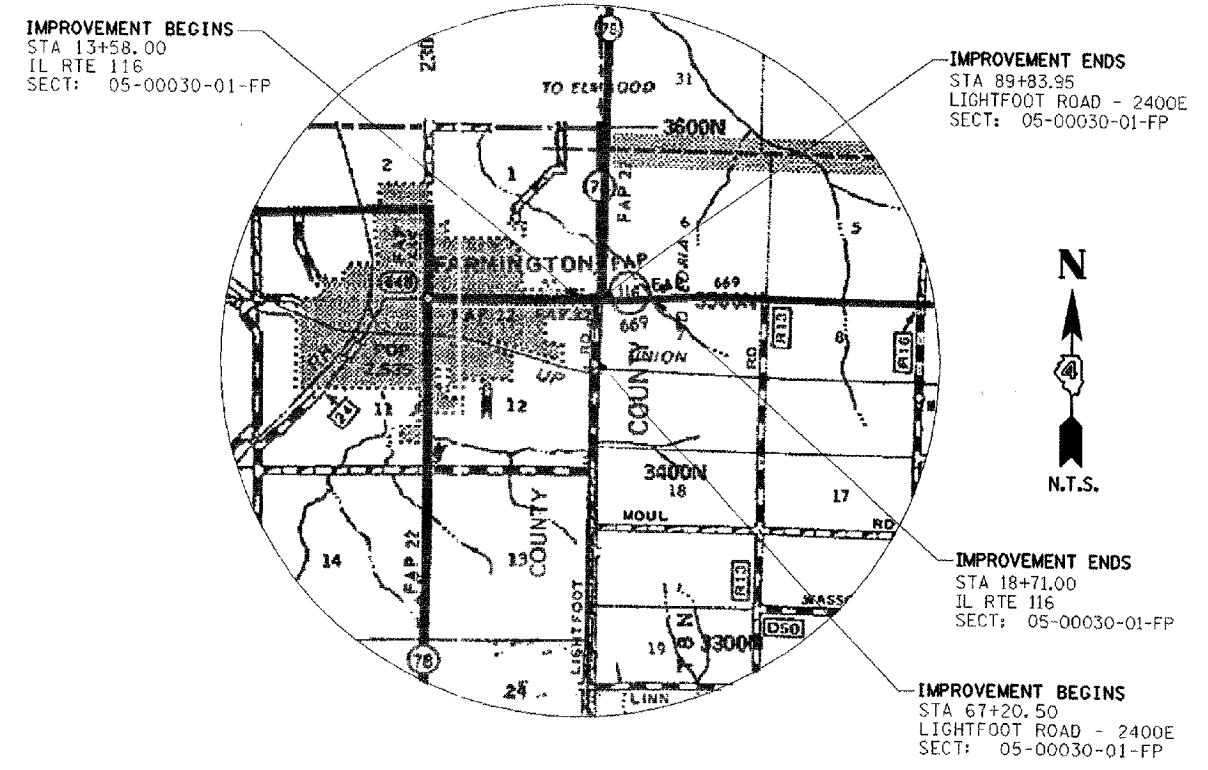
STRUCTURAL DESIGN DATA:

LIGHTFOOT ROAD (2400E) - LOCAL STREET
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH
 ADT (2005) 2400, (2016) 2535 DHV=300
 STRUCTURAL DESIGN TRAFFIC YEAR: 2016
 PC: 2294 SU: 231 MU: 10
 CLASS OF STREET: II
 TRAFFIC FACTOR: 0.24 AT 20 YEAR DESIGN PERIOD WITH 73,280 LB TRUCKS
 SUBGRADE SUPPORT RATING: POOR
 PAVEMENT STRUCTURAL MATERIALS: SEE PROPOSED TYPICAL SECTIONS



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



LOCATION MAP - CITY OF FARMINGTON (LIGHTFOOT ROAD - 2400E)

TOTAL LENGTH OF PROJECT = 2,776.45 FEET = 0.526 MILES
 NET LENGTH OF PROJECT = 2,776.45 FEET = 0.526 MILES

CONTRACT NO. 89395

CODE NO.	ITEM	CONSTRUCTION TYPE CODE 1000-2A	UNIT	TOTAL
20200100	EARTH EXCAVATION		CU YD	5,286
20201500	SUB-BASE GRANULAR MATERIAL, TYPE B		TON	200
20800150	TRENCH BACKFILL		CU YD	180
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION		SQ YD	300
21101505	TOPSOIL EXCAVATION AND PLACEMENT		CU YD	420
21400100	GRADING AND SHAPING DITCHES		FOOT	1,000
25000100	SEEDING, CLASS 1		ACRE	1.2
25000110	SEEDING, CLASS 1A		ACRE	1.9
25000400	NITROGEN FERTILIZER NUTRIENT		POUND	279
25000500	PHOSPHORUS FERTILIZER NUTRIENT		POUND	279
25000600	POTASSIUM FERTILIZER NUTRIENT		POUND	279
25100115	MULCH, METHOD 2		ACRE	3.1
25100630	EROSION CONTROL BLANKET		SQ YD	55
28000250	TEMPORARY EROSION CONTROL SEEDING		POUND	310
28000300	TEMPORARY DITCH CHECKS		EACH	9
28000400	PERIMETER EROSION BARRIER		FOOT	1,520
28000500	INLET AND PIPE PROTECTION		EACH	41
28100825	STONE DUMPED RIPRAP, CLASS B3		TON	19
28200200	FILTER FABRIC		SQ YD	28
30200750	PROCESSING MODIFIED SOIL 14"		SQ YD	8,375
30201500	LIME		TON	195
35100100	AGGREGATE BASE COURSE, TYPE A		TON	1,425
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"		SQ YD	300
40200800	AGGREGATE SURFACE COURSE, TYPE B		TON	55
40600100	BITUMINOUS MATERIALS (PRIME COAT)		GAL	827
40600300	AGGREGATE (PRIME COAT)		TON	22
40600990	TEMPORARY RAMP		SQ YD	111
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50		TON	2,340
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50		TON	760
40800010	BITUMINOUS MATERIALS (PRIME COAT)		GAL	16
40800030	AGGREGATE (PRIME COAT)		TON	1
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING		TON	6
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH		SQ YD	94
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH		SQ YD	865
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH		SQ FT	6,305
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH		SQ FT	305
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH		SQ FT	125
42400800	DETECTABLE WARNINGS		SQ FT	40
44000400	GUTTER REMOVAL		FOOT	30
44000500	COMBINATION CURB AND CUTTER REMOVAL		FOOT	20
44000600	SIDEWALK REMOVAL		SQ FT	50
542A0220	PIPE CHAMBERS, CLASS A, TYPE 1 15"		FOOT	132
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		EACH	5
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		EACH	1
54213666	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 21"		EACH	1
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"		EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"		FOOT	611

CODE NO.	ITEM	UNIT	TOTAL
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	459
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	456
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	454
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	84
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	196
55100300	STORM SEWER REMOVAL 8"	FOOT	30
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	7
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5
60241900	INLETS, TYPE G-1, SPECIAL	EACH	21
60255500	MANHOLES TO BE ADJUSTED	EACH	4
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4
60500040	REMOVING MANHOLES	EACH	1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	3
60603450	GUTTER INLET (SPECIAL)	EACH	2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4,580
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	38
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	32
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	50
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	2
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	2
61139900	STORM SEWERS, SPECIAL 6"	FOOT	100
61140000	STORM SEWERS, SPECIAL 8"	FOOT	100
61140100	STORM SEWERS, SPECIAL 10"	FOOT	100
61140200	STORM SEWERS, SPECIAL 12"	FOOT	100
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
70300200	TEMPORARY PAVEMENT MARKING	FOOT	3,631
70300210	TEMPORARY PAVEMENT MARKING-LETTERS & SYMBOLS	SQ FT	593
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	990
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	312
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5,612
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	759
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	426
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	54
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	44
78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	71
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	32
X5504200	DUCTILE IRON STORM SEWER, 12 INCH	FOOT	18
X8950810	REMOVE AND RE-ERECT FLASHING BEACON	EACH	1
XX004817	STORM SEWER DUCTILE IRON PIPES CLASS 50 16"	FOOT	79
XX006473	STORM SEWER DUCTILE IRON PIPES CLASS 50 24"	FOOT	84
XX006499	INLET-MANHOLE TYPE G-1 5' DIAMETER	EACH	2
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200
67100100	MOBILIZATION	L SUM	1
	* SPECIALTY ITEMS		

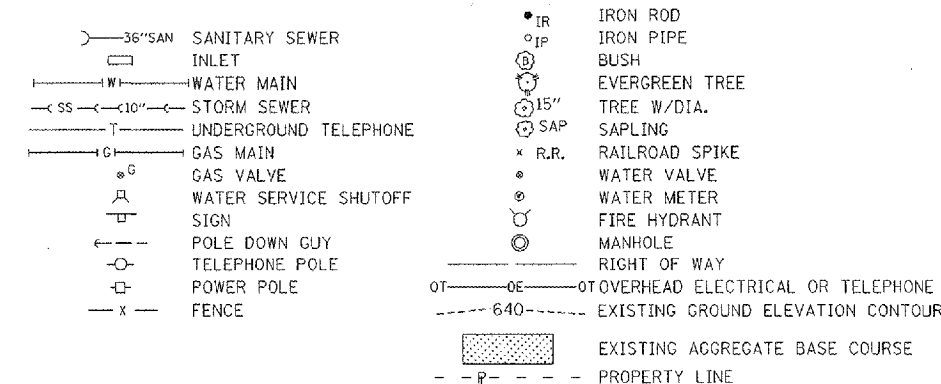
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SH. N.
	05-00030-01-FP	*	44	
STA. 67+20.50		TO STA. 89+83.95		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FULTON & PEORIA				
CONTRACT NO. 89395				

CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

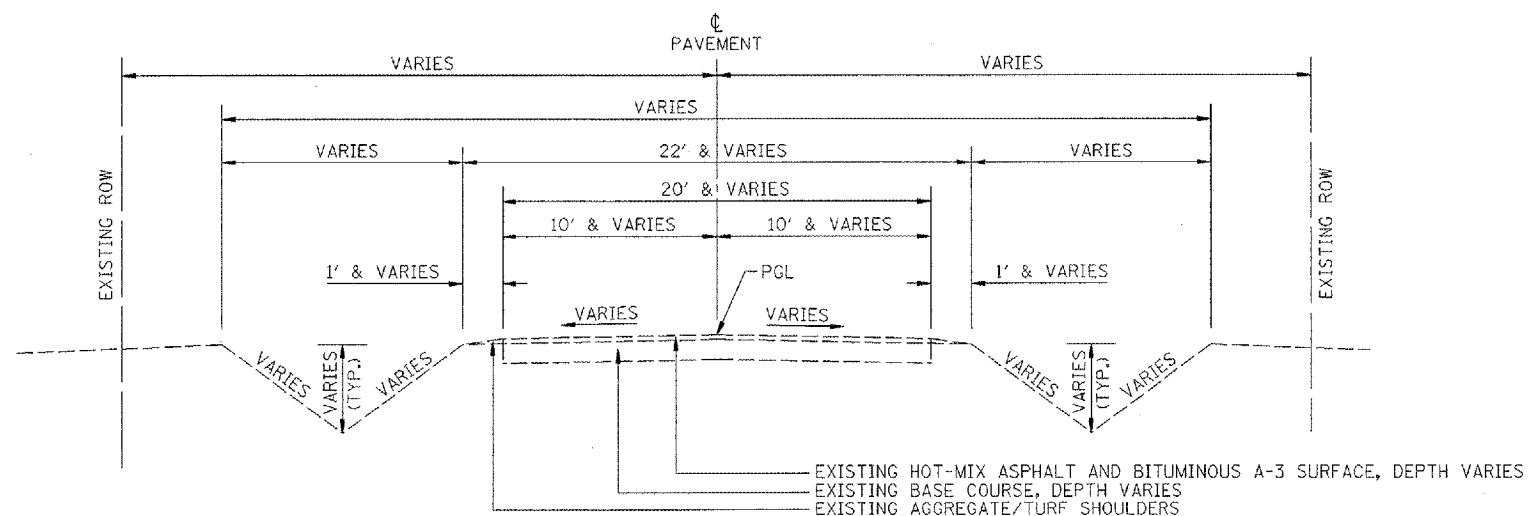
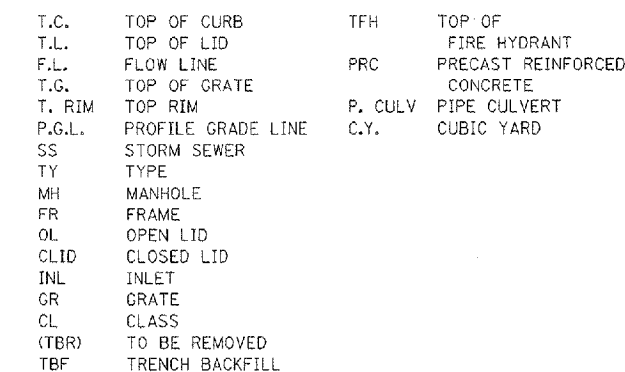
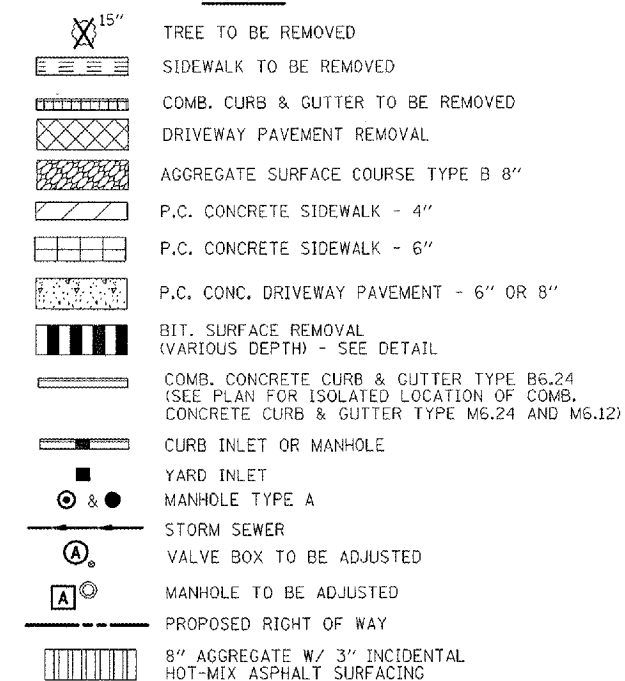
SUMMARY OF QUANTITIES

DRAWN BY DRR	Farnsworth GROUP 2700 McGraw Drive	FILE # 24-7
DATE 11/06/06		BOOK # PEO-

LEGEND
EXISTING



PROPOSED



EXISTING TYPICAL CROSS SECTION

LIGHTFOOT ROAD - 2400E
STA 67+20.5 TO STA 89+80.34

UTILITY AGENCIES THAT RECEIVED PLANS

UTILITY AGENCY	PRELIMINARY PLANS SENT	PRE-FINAL PLANS SENT
AMERENCILCO GAS	NOVEMBER 28, 2005	JANUARY 13, 2006
AMERENCILCO ELECTRICAL	NOVEMBER 28, 2005	JANUARY 13, 2006
MCLEOD USA	NOVEMBER 28, 2005	JANUARY 13, 2006
ENTERPRISE PRODUCTS	NOVEMBER 28, 2005	JANUARY 13, 2006
SBC TELEPHONE	NOVEMBER 28, 2005	JANUARY 13, 2006
MEDIACOM (CABLE)	NOVEMBER 28, 2005	JANUARY 13, 2006
CITY OF FARMINGTON (WATER & SEWER)	NOVEMBER 28, 2005	JANUARY 13, 2006

PLAN NOTES

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE TAKEN TO MEAN THE LATEST EDITION OF THE CITED STANDARD.
2. THE TELEPHONE NUMBER FOR JOINT UTILITY LOCATING INFORMATION FOR CONTRACTORS IS 1-800-892-0123.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. HE OR SHE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATIONS. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
4. ALL UTILITY POLES REQUIRING RELOCATION SHALL BE MOVED BY OTHERS UNLESS OTHERWISE SHOWN. THE POLES SHALL BE A MIN. 2' FROM FACE OF CURB AND A MIN. 3' FROM SIDEWALK.
5. PROVIDE SIDEWALK RAMPS FOR THE DISABLED WHERE THERE ARE BOTH PROPOSED SIDEWALK AND PROPOSED CURB. SEE STATE STANDARD NO. 424001-04 AND SPECIAL PROVISIONS.
6. TREES OR BUSHES SHALL BE SAVED WHERE POSSIBLE. THE CONTRACTOR SHALL MEET WITH THE CITY AND RESIDENT ENGINEER PRIOR TO ANY TREE OR BUSH TRIMMING OR REMOVAL OPERATIONS.
7. DEPRESSED CURB AND GUTTER SHALL BE PROVIDED AT ALL DRIVEWAYS AND SIDEWALK RAMPS FOR THE DISABLED. SEE STATE STANDARD NO. 424001-04 AND SPECIAL PROVISIONS.
8. THE CONTRACTOR AND PRECASTER SHALL REVIEW PROPOSED MANHOLE ELEVATIONS AND DETERMINE WHERE FLAT SLAB TOPS ARE REQUIRED.

CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

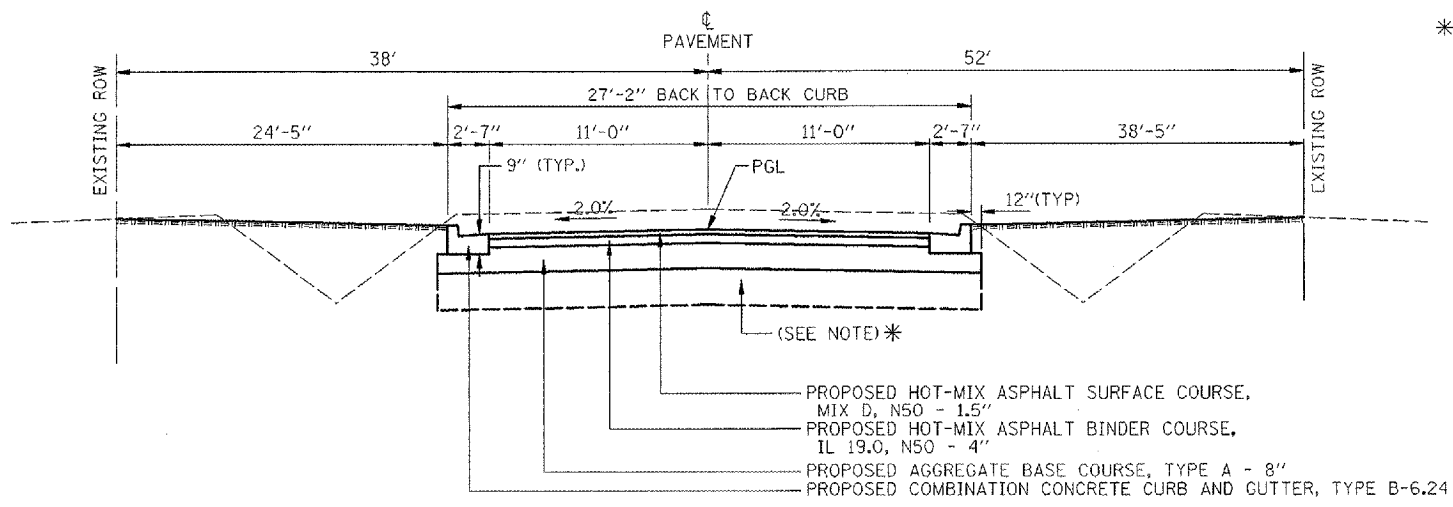
EXISTING TYPICAL CROSS SECTION
LEGEND AND NOTES

DRAWN BY D.R.R.	FILE NO. 24-7613
DATE 11/06/06	BOOK NO. PEO-7&13
CHECKED BY R.G.D.	SHEET NO. 3 OF 44

Farnsworth GROUP
2709 MacGregor Drive
Bloomington, Illinois 61706
309/853-8426, 309/853-1871 fax

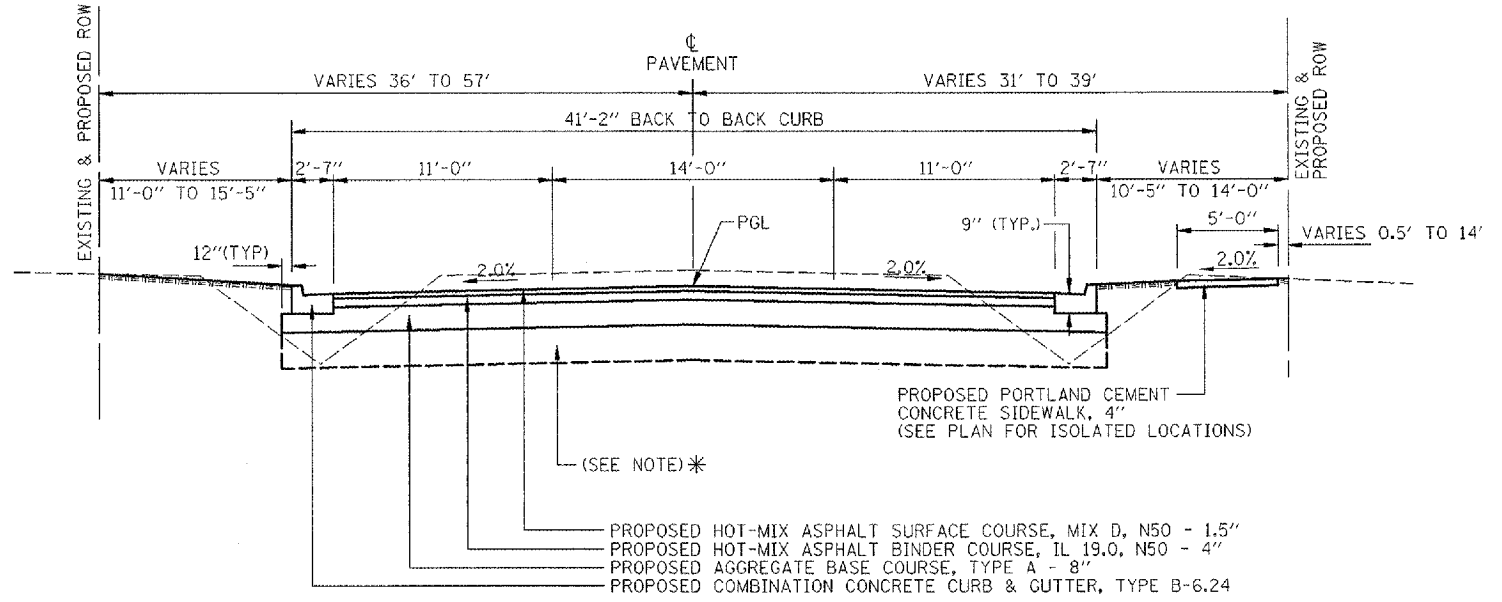
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05-00030-01-FP	*	*	44	4
STA. 67+20.50		TO STA. 89+83.95		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				

* NOTE: THE SUBGRADE SHALL BE PROCESSED AND COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. IT SHALL BE STABILIZED UTILIZING MOISTURE-DENSITY CONTROL. ANY UNSTABLE AREAS AFTER SUBGRADE PROOF ROLL OPERATIONS SHALL BE UNDERCUT AND REPLACED WITH SUB-BASE GRANULAR MATERIAL TYPE B AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. SEE SPECIAL PROVISIONS.



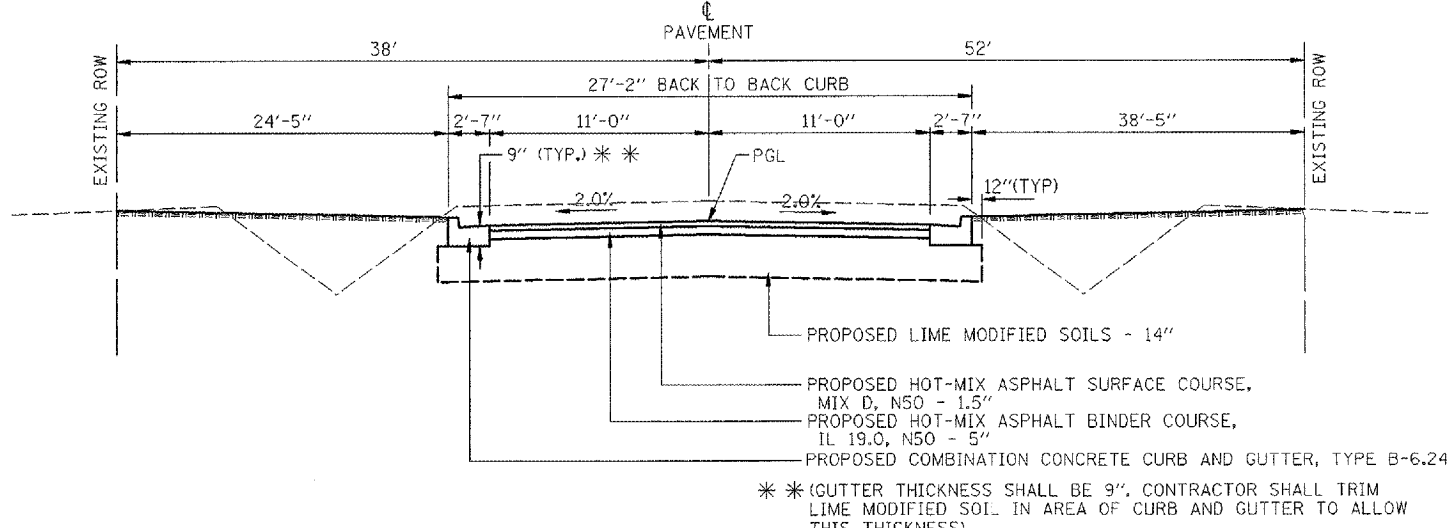
PROPOSED TYPICAL CROSS SECTION - LOCAL STREET

LIGHTFOOT ROAD - 2400E
STA 67+20.50 TO STA 68+70
STAGE III



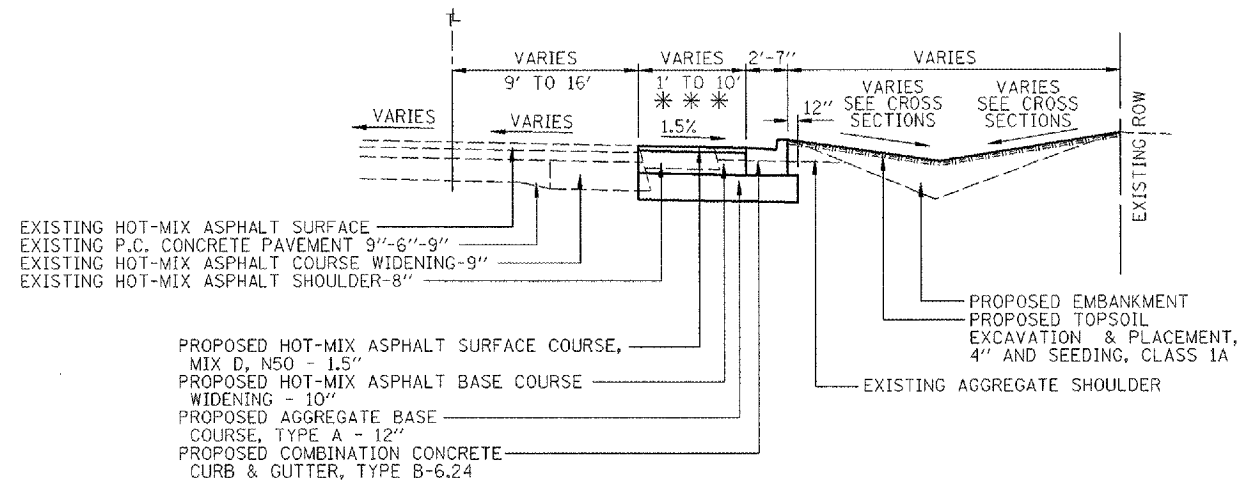
PROPOSED TYPICAL CROSS SECTION - LOCAL STREET

LIGHTFOOT ROAD - 2400E
STA 87+10 TO STA 89+80.34
STAGE I
(WIDTH TRANSITION - STA 88+67.10 TO STA 89+80.34
SEE INTERSECTION DETAIL)



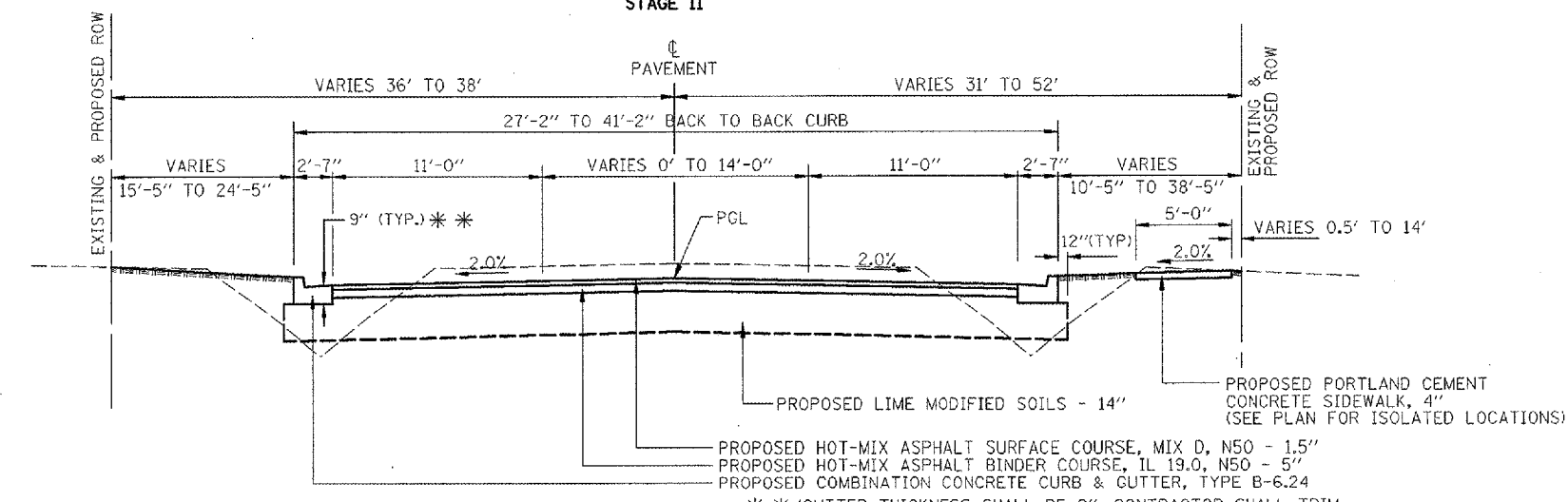
PROPOSED TYPICAL CROSS SECTION - LOCAL STREET

LIGHTFOOT ROAD - 2400E
STA 68+70 TO STA 70+36.58
STAGE II



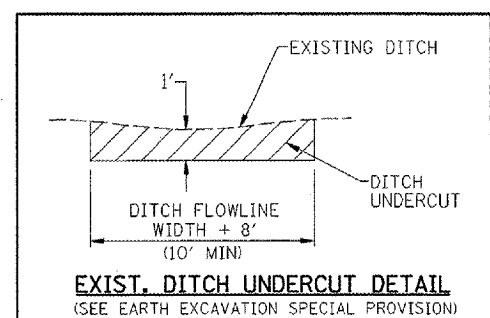
PROPOSED TYPICAL CROSS SECTION - IL RTE 116

IL RTE 116 - WIDENING TYPICAL SECTION
STA 13+58.00 TO STA 18+71.00 (STAGE I)
*** (PAVEMENT WIDENING FROM 13+73.00 TO STA 18+71.00)



PROPOSED TYPICAL CROSS SECTION - LOCAL STREET

LIGHTFOOT ROAD - 2400E
STA 70+36.58 TO STA 87+10
STAGE II
(WIDTH TRANSITION - STA 70+36.58 TO STA 72+81.58, SEE PLANS)



MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE	HOT-MIX ASPHALT BINDER CSE.
AC/PG:	PG 64-28 (N50)	PG 64-28 (N50)
RAP % (MAX):	NONE ALLOWED	NONE ALLOWED
DESIGN AIR VOIDS:	4.0% @ Ndes = 50	4.0% @ Ndes = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX "D"	N/A

CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

PROPOSED TYPICAL CROSS SECTIONS


DESIGNED BY DRR		FILE NO. 24-7613
DATE 11/06/06		BOOK NO. PEO-7&13
CHECKED BY RGD		SHEET NO. 4 OF 44

STATION/LOCATION	PIPE CULVERTS, STORM SEWERS, END SECTIONS														TRENCH BACKFILL (CU YD)	
	PIPE CULVERTS, CLASS A, TYPE 1 (FOOT)		STORM SEWERS, CLASS A, TYPE 1 (FOOT)				STORM SEWER, CLASS A, TYPE 2 (FOOT)	STORM SEWER, DUCTILE IRON, CLASS 50 (FOOT)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS (EACH)				STORM SEWER REMOVAL (FOOT)			
	15"	12"	15"	18"	21"	24"	15"	12"	16"	24"	15"	18"	21"	24"	8"	
67+70.2/LT	50															8
68+15.8/RT	82															19
70+86/15.99' RT to 25.99' RT		10														
70+86/15.99' LT to 15.99' RT		28														4
70+86/15.99' LT to 25' LT		8														
74+65/21.58' RT to 37.58' RT		16														
74+65/21.58' LT to 21.58' RT		38														5
74+65/21.58' LT to 28' LT		6														
76+00/21.58' LT to 21.58' RT		38														5
76+00/21.58' LT to 28' LT		6														
77+42.46/21.58' LT to 21.58' RT		38														5
79+00/21.58' RT to 30' RT		10														
79+00/21.58' LT to 21.58' RT		38														5
79+00/21.58' LT to 28' LT		6														
81+00/21.58' LT to 21.58' RT		38														5
81+00/21.58' LT to 28' RT		6														
83+00/21.58' RT to 26' RT		5														
83+00/21.58' LT to 21.58' RT		38														5
83+00/21.58' LT to 28' LT		6														
85+00/21.58' RT to 30' RT		8														
85+00/21.58' LT to 21.58' RT		38														5
85+00/21.58' LT to 28' LT		6														
85+00/28' LT to 86+25/24' LT		124														
88+99.41/23.08' RT to 26' RT		2														
88+99.41/22.08' LT to 23.08' RT		42														6
13+65/12.58' RT to 13+45/39' RT		32														
15+20/35' RT to 15+34/45' RT		14														2
15+20/35' RT to 15+30/32' RT		10														
69+28.57/14.58' RT to 24.58' RT		9														
69+28.57/14.58' LT to 25' LT		11														
69+28.57/25' LT to 70+86/25' LT		154														
74+65/28' LT to 76+00/28' LT		132														
76+00/28' LT to 76+85/33' LT		83														
89+00/23.08' to 16+08/29' RT		70														11
81+00/28' LT to 83+00/28' LT			196													
13+45/39' RT to 15+30/32' RT			184													
15+30/32' RT to 16+08/29' RT			76													12
79+00/28' LT to 81+00/28' LT				196												
16+08/29' RT to 18+71/29' RT				258												11
77+42.46/37' LT to 77+46/53' LT					16											
78+30/36' LT to 79+00/28' LT					68											
83+00/28' LT to 85+00/28' LT						196										
77+42/21.58' LT							18									
69+28.57/14.58' LT to 14.58' RT								24								4
76+85/33' LT to 77+42/37' LT								55								
77+42.46/37' LT to 78+10/37' LT									64							7
78+10/37' LT to 78+30/36' LT									20							
69+28.57/24.58' RT										1						
69+28.57/ 27' LT										1						
18+71/RT											1					
77+46/LT												1				
86+25/24' LT															10	
15+20/35' LT															20	
69+33/RT																4
73+47/RT																18
77+88.9/RT																12
82+51/RT																4
86+56/LT																8
86+80.4/RT																3
87+94/RT																2
88+02/LT																7
16+99/RT																2
86+18/24' LT to 86+25/24' LT																1
TOTALS	132	611	459	456	454	84	196	18	79	84	5	1	1	1	30	180

STATION/LOCATION	MANHOLES AND INLETS									
	MANHOLES, TYPE A, TYPE 1, FRAME, OPEN LID (EACH)		INLETS, TYPE A (EACH)		INLETS TYPE G-1 SPECIAL (EACH)	INLET-MANHOLE TYPE G-1 (EACH)	MANHOLES TO BE ADJUSTED (EACH)	REMOVING MANHOLES (EACH)		
	4' DIAMETER	5' DIAMETER	TYPE 1 FRAME OPEN LID	TYPE 8 GRATE						
69+28.57/25' LT	1									
70+86/25' LT	1									
74+65/28' LT	1									
76+00/28' LT	1									
83+00/28' LT	1									
85+00/28' LT	1									
13+45/39' RT	1									
77+42/37' LT		1								
79+00/28' LT		1								
81+00/28' LT		1								
16+08/29' RT		1								
86+25/24' LT				1						
79+00/30' RT					1					
83+00/26' RT					1					
85+00/30' RT					1					
88+99.41/26' RT					1					
15+20/35' RT					1					
69+28.57/14.58' LT						1				
69+28.57/14.58' RT						1				
70+86/15.99' LT						1				
70+86/15.99' RT						1				
74+65/21.58' LT						1				
74+65/21.58' RT						1				
76+00/21.58' LT						1				
76+00/21.58' RT						1				
77+42.46/21.58' LT						1				
79+00/21.58' LT						1				
79+00/21.58' RT						1				
81+00/21.58' LT						1				
81+00/21.58' RT						1				
83+00/21.58' LT						1				
83+00/21.58' RT						1				
85+00/21.58' LT						1				
85+00/21.58' RT						1				
88+99.41/22.08' LT						1				
88+99.41/23.08' RT						1				
13+65/12.58' RT						1				
15+30/32' RT							1			
78+10/37' LT							1			
73+02/18' LT								1		
77+17/18' LT								1		
77+89/59' LT								1		
13+50/48' RT								1		
16+08/29' RT								1		
TOTALS	7	4			1	5	21	2	4	1

CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

SCHEDULE OF QUANTITIES

DRAWN BY DRR	 2700 McAndrew Drive Bloomington, Illinois 61704 309/838-8433, 309/838-8710 fax	FILE NO. 24-7613
DATE 11/06/06		BOOK NO. PEO-7&13
CHECKED BY RCD		SHEET NO. 5 of 44

EROSION CONTROL							
STATION/LOCATION	EROSION CONTROL BLANKET (SQ. YD.)	TEMPORARY DITCH CHECKS (EACH)	PERIMETER EROSION BARRIER (FOOT)	INLET AND PIPE PROTECTION (EACH)	STONE DUMPED RIP-RAP (TON) CLASS B3	FILTER FABRIC (SQ. YD.)	GRADING AND SHAPING DITCHES (FOOT)
Wilson Street Swale							
1000+50 to 1010+50							1000
67+45.2 /25' LT	11						
67+95.2/25' LT	11						
67+74.8/30' RT	11						
68+56.8/30' RT	11						
69+29/24.6' RT	11						
Lightfoot Road							
67+30/RT		1					
67+50/RT		1					
69+00/RT		1					
Wilson Street Swale							
1000+50/CL		1					
1002+50/CL		1					
1004+50/CL		1					
1006+50/CL		1					
1008+50/CL		1					
1010+30/CL		1					
69+29/RT to 77+09/LT			780				
78+20/LT to 85+41/LT			740				
Lightfoot Road							
69+29/LT				2			
69+29/RT				2			
70+88/LT				1			
70+88/LT/RT				2			
74+65/LT				1			
74+65/LT/RT				2			
76+00/LT				1			
76+00/LT/RT				2			
77+42.46/LT				1			
77+42.46/LT/RT				2			
78+10/LT				1			
79+00/LT				1			
79+00/LT/RT				2			
79+00/RT				1			
81+00/LT				1			
81+00/LT/RT				2			
83+00/LT				1			
83+00/LT/RT				2			
83+00/RT				1			
85+00/LT				1			
85+00/LT/RT				2			
85+00/RT				1			
86+25/LT				1			
89+00/LT/RT				2			
89+00/RT				1			
IL. Rte. 116							
13+45/RT				1			
13+65/RT				1			
15+20/RT				1			
15+30/RT				1			
16+08/RT				1			
69+29/LT					3		
77+47/LT					16		
69+27/LT						5	
77+47/LT						23	
TOTALS	66	9	1620	41	19	28	1000

STATION/LOCATION	TEMPORARY PAVEMENT MARKING (FOOT)	TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS (SQ.FT.)	WORK ZONE PAVEMENT MARKING REMOVAL (SQ.FT.)	THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (SQ.FT.)				PAINT PAVEMENT MARKING LETTERS AND SYMBOLS (SQ.FT.)			
				6"	8"	12"	24"	8"	12"		
67+21 to 70+54 CL	67		11								
70+54 to 72+82 DBL/CL	46		8								
70+54 to 72+82 LT/RT	168		28			972	84				
73+31 RT								12			
73+41.77 (MEDIAN)									41		
73+52 RT								16			
73+56.77 RT									30		
73+77 RT								16			
73+78 to 74+78 CL				31.2							
73+78 to 74+78 LT	200		33				100				
73+78 to 75+54 RT						352					
73+78 to 77+59 CL	77		13								
73+61 CL		31.2	16								
74+76 CL		31.2	16								
75+54 to 75+84 LT/RT						80					
75+84 to 77+59 LT/RT						350					
76+59 to 77+59 CL				31.2							
76+59 to 77+59 RT	200		33				100				
76+61 CL		31.2	16								
77+41 CL		31.2	16								
78+26.4 to 80+75.21 CL	50		8		46.8						
78+26.40 to 80+75.21 RT						498					
78+26.40 to 80+75.21 LT	498		82				249				
78+44 CL		31.2	16								
79+21 CL		31.2	16								
79+98 CL		31.2	16								
80+75 to 87+88 DCL	286		47								
80+75.21 to 82+32.15 LT/RT	152		25			628	76				
82+32.15 to 86+60						1076					
82+60 DBL/CL		62.4	31								
82+60 to 86+25 CL					124.8						
83+34 DBL/CL		62.4	31								
84+82 DBL/CL		62.4	31								
86+30 DBL/CL		62.4	31								
86+60 to 87+88 LT/RT	140		23			512	70				
87+88 to 89+52.5 CL	33		6		46.8						
87+88 to 89+52.5 LT	329					329					
87+88 to 89+52.5 RT			55				165				
87+88 CL		31.2	16								
88+61 CL		31.2	16								
89+34.5 CL		31.2	16								
89+54.5/ 5' LT to 25' RT	360		60					30			
89+62.5 Crosswalk LT/RT	592		98			148	196				
14+23 RT AND 15+03 RT		31.2	31		31.2						
IL Rte. 116 Stop Bar	288		48						24		
13+73 to 15+50 RT	145		97				145				
TOTALS	3631	593	990	312	5612	759	426	54	44	71	32

SEEDING AND FERTILIZING							
STATION/LOCATION	SEEDING (ACRE)		FERTILIZER NUTRIENT (POUND)			MULCH (ACRE)	EROSION CONTROL SEEDING (POUND)
	CLASS 1	CLASS 1A	NITROGEN	PHOSPHORUS	POTASSIUM	METHOD 2	TEMPORARY
WILSON STREET SWALE							
1000+50 to 1010+50	1.2		108	108	108	1.2	120
LIGHTFOOT ROAD							
67+21 to 89+84			153	153	153	1.7	170
67+21 to 78+00		0.88					
78+00 to 88+00		0.81					
88+00 to 89+84		0.05					
IL RTE. 116							
13+50 to 18+71		0.18	18	18	18	0.2	20
TOTALS	1.2	1.90	279	279	279	3.1	310

CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

SCHEDULE OF QUANTITIES

STATION/LOCATION	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT (SQ.YD.)		PORTLAND CEMENT CONCRETE SIDEWALK (SQ.FT.)			COMBINATION CONCRETE CURB AND GUTTER (FOOT)	COMBINATION CONCRETE CURB AND GUTTER (FOOT)	CLASS SI CONCRETE OUTLET (CU.YD.)	GUTTER INLET SPECIAL (EACH)	GUTTER REMOVAL (FOOT)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ.FT.)	COMBINATION CONCRETE CURB AND GUTTER (FOOT)	CONCRETE MEDIAN SURFACE (SQ FT)
	6 INCH	8 INCH	4 INCH	6 INCH	8 INCH	M-6.12	B-6.24						M-6.24	
82+50.98/RT	38													
86+80.4/RT	12													
87+94.04/RT	9													
16+99.02/RT	35													
68+15.81/RT		196												
73+48.77/RT		328												
77+88.9/RT		152												
86+68/LT		88												
88+01.95/LT		81												
88+82.11/RT		20												
78+35/RT to 82+40/RT			2040											
82+67/RT to 86+70/RT			2045											
86+88/RT to 87+85/RT			485											
88+01/RT to 88+69/RT			340											
88+94/RT to 89+57/RT			355											
13+40/RT to 15+35/RT			990											
13+00/RT			50								10	50		
82+40/RT to 82+67/RT				135										
86+70/RT to 86+88/RT				90										
87+85/RT to 88+01/RT				80										
88+69/RT to 88+94/RT					125									
13+58/RT to 13+85/RT										30				
13+40/RT										10				
18+36 to 18+71/RT								3						
67+20.5/LT									1					
67+20.5/RT									1					
67+26.5/LT to 77+42.12/LT										951				
67+26.5/RT to 89+33.28/RT										2077				
73+41.77/RT @ Driveway Median						38								
77+42.12/LT to 77+71.74/LT										47				
78+06.91/LT to 78+36.91/LT										34				
78+36.91/LT to 88+67.10/LT										978				
88+67.10/LT to 13+58.00/RT										242				
89+33.28/RT to 16+58.30/RT										53				
16+58.30/RT to 18+36/RT										178				
89+73/RT													32	
73+42/RT														50
TOTALS	94	865	6305	305	125	38	4580	3	2	30	20	50	32	50

STATION/LOCATION	AGGREGATE, BITUMINOUS, AND SOIL MODIFICATION										AGGREGATE SURFACE COURSE, TYPE B (TON)	PROCESSING MODIFIED SOIL, 14" (SQ YD)		
	AGGREGATE BASE COURSE, TYPE A (TON)	BITUMINOUS MATERIALS (PRIME COAT) (GALLONS)		AGGREGATE (PRIME COAT) (TON)		INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	TEMPORARY RAMP (SQ.YD.)	HOT-MIX ASPHALT BASE COURSE WIDENING, (SQ.YD.)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (TON)				HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 (TON)	
		ROADWAY	P.E.	ROADWAY	P.E.				10"	1.5"			4"	5"
13+73 to 18+71 RT	311	104	16	1.5	1	6	14	300	26					
17+82.38 RT	18						13							
67+20.50 LT/RT	222	146		2					31	82				
67+70.24 LT													37	
68+70 to 70+36.58				1					34		114		540	
69+28.57	7													
70+36.58 to 72+81.58				2					67		221		985	
72+81.58 to 87+10				12					480		1600		6850	
70+86	8													
74+65	12													
76+00	12													
77+42.46	12													
77+89 LT WILSON ST.	90	65		0.5					14	36				
79+00	12													
81+00	12													
82+50.98 RT													18	
83+00	12													
85+00	12													
87+10 to 89+80.34	685	512		3					108	287				
89+83.95 LT/RT							84							
TOTALS	1425	827	16	22	1	6	111	300	760	405	1935	55	8375	
										TOTAL BINDER	2340			

LOCATION	STAGE	FROM STATION	TO STATION	TOPSOIL EXCAVATION & PLACE. CU. YD.	CUT VOLUME CU. YD.	FILL VOLUME CU. YD.
IL RTE. 116	I	13+58	18+71	80	478	335
LIGHTFOOT ROAD	I	87+10	89+80.34	18	733	52
LIGHTFOOT ROAD	II	68+70	87+10	287	3,922	2,562
LIGHTFOOT ROAD	III	67+20.50	68+70	35	153	163
				420	5,286	3,112

TOTAL EARTH EXCAVATION = (5,286-420) = 4,866 CU. YD.
TOTAL TOPSOIL EXCAVATION AND PLACEMENT = 420 CU. YD.
TOTAL FILL (SHRINKAGE FACTOR 1.25%) = (3,112-420) x 1.25 = 3,365 CU. YD.
TOTAL WASTE = (4,866-3,365) = 1,501 CU. YD.

NOTES:
1) NO EARTH EXCAVATION QUANTITIES ARE SHOWN FOR PROPOSED SWALE AT FUTURE WILSON STREET. EARTHWORK SHALL BE PAID AT CONTRACT UNIT PRICE PER FOOT, ALONG CENTERLINE OF SWALE, FOR GRADING AND SHAPING DITCHES.
2) 1,310 CU YD FOR DITCH UNDERCUT (SEE DETAIL ON PROPOSED TYPICAL SECTION SHEET) IS INCLUDED IN THE EARTH EXCAVATION AND EMBANKMENT NUMBERS ABOVE.

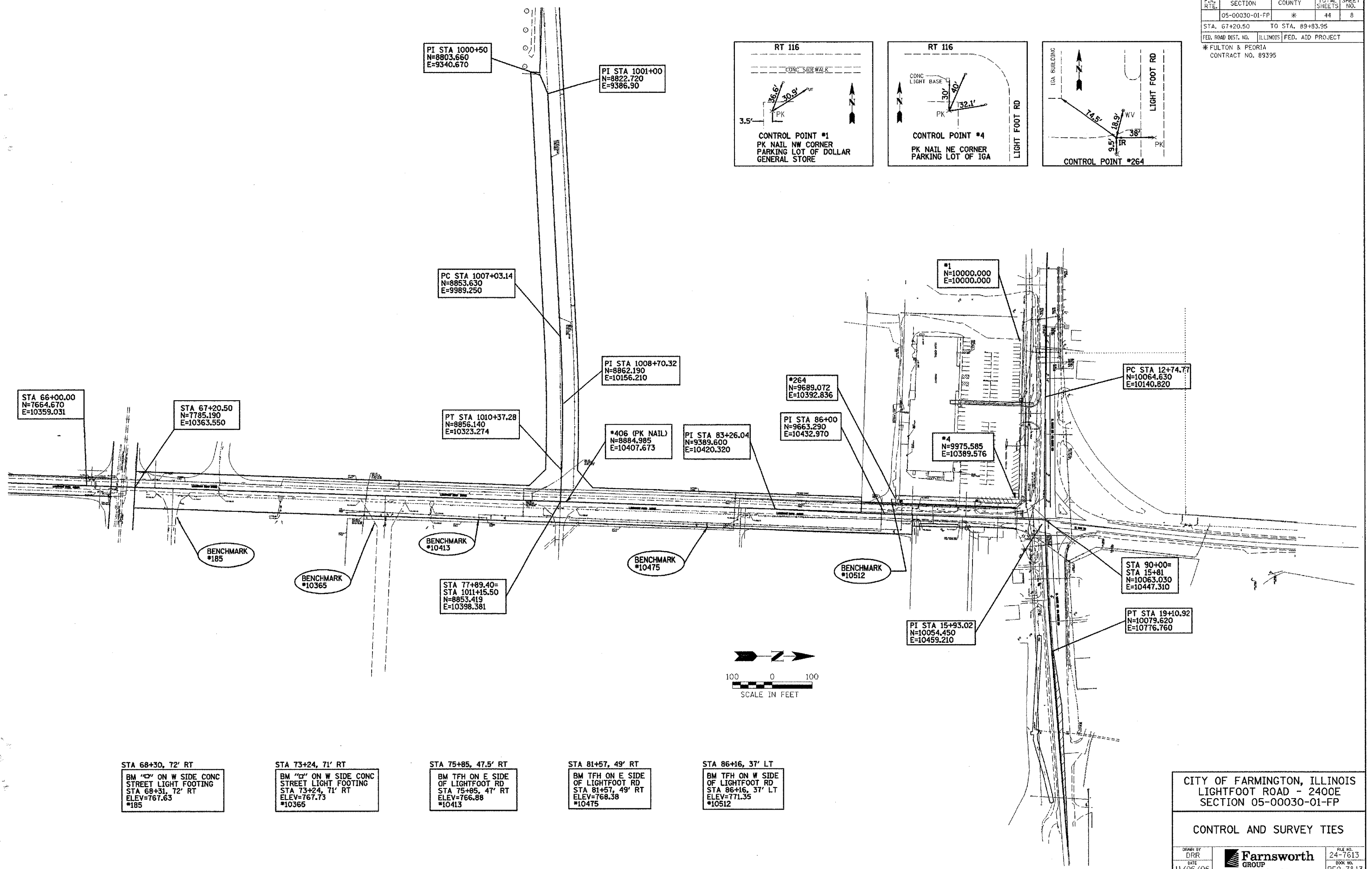
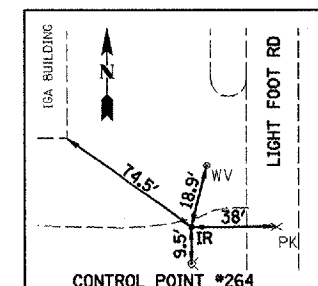
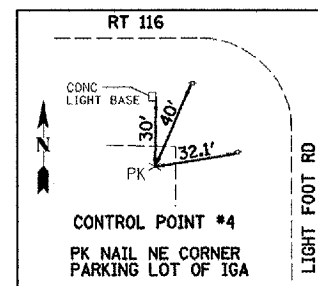
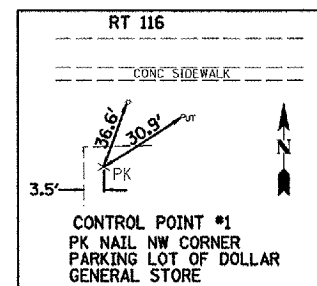
CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

SCHEDULE OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	8

STA. 67+20.50 TO STA. 89+83.95
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* FULTON & PEORIA
 CONTRACT NO. 89395



PI STA 1000+50
 N=8803.660
 E=9340.670

PI STA 1001+00
 N=8822.720
 E=9386.90

PC STA 1007+03.14
 N=8853.630
 E=9989.250

PI STA 1008+70.32
 N=8862.190
 E=10156.210

STA 66+00.00
 N=7664.670
 E=10359.031

STA 67+20.50
 N=7785.190
 E=10363.550

PT STA 1010+37.28
 N=8856.140
 E=10323.274

*406 (PK NAIL)
 N=8884.985
 E=10407.673

PI STA 83+26.04
 N=9389.600
 E=10420.320

PI STA 86+00
 N=9663.290
 E=10432.970

*1
 N=10000.000
 E=10000.000

*264
 N=9689.072
 E=10392.836

PC STA 12+74.77
 N=10064.630
 E=10140.820

*4
 N=9975.585
 E=10389.576

BENCHMARK
 #185

BENCHMARK
 #10365

BENCHMARK
 #10413

STA 77+89.40=
 STA 1011+15.50
 N=8853.419
 E=10398.381

BENCHMARK
 #10475

BENCHMARK
 #10512

STA 90+00=
 STA 15+81
 N=10063.030
 E=10447.310

PT STA 19+10.92
 N=10079.620
 E=10776.760

PI STA 15+93.02
 N=10054.450
 E=10459.210



STA 68+30, 72' RT
 BM "C" ON W SIDE CONC
 STREET LIGHT FOOTING
 STA 68+31, 72' RT
 ELEV=767.63
 #185

STA 73+24, 71' RT
 BM "C" ON W SIDE CONC
 STREET LIGHT FOOTING
 STA 73+24, 71' RT
 ELEV=767.73
 #10365

STA 75+85, 47.5' RT
 BM TFH ON E SIDE
 OF LIGHTFOOT RD
 STA 75+85, 47' RT
 ELEV=766.88
 #10413

STA 81+57, 49' RT
 BM TFH ON E SIDE
 OF LIGHTFOOT RD
 STA 81+57, 49' RT
 ELEV=768.38
 #10475

STA 86+16, 37' LT
 BM TFH ON W SIDE
 OF LIGHTFOOT RD
 STA 86+16, 37' LT
 ELEV=771.35
 #10512

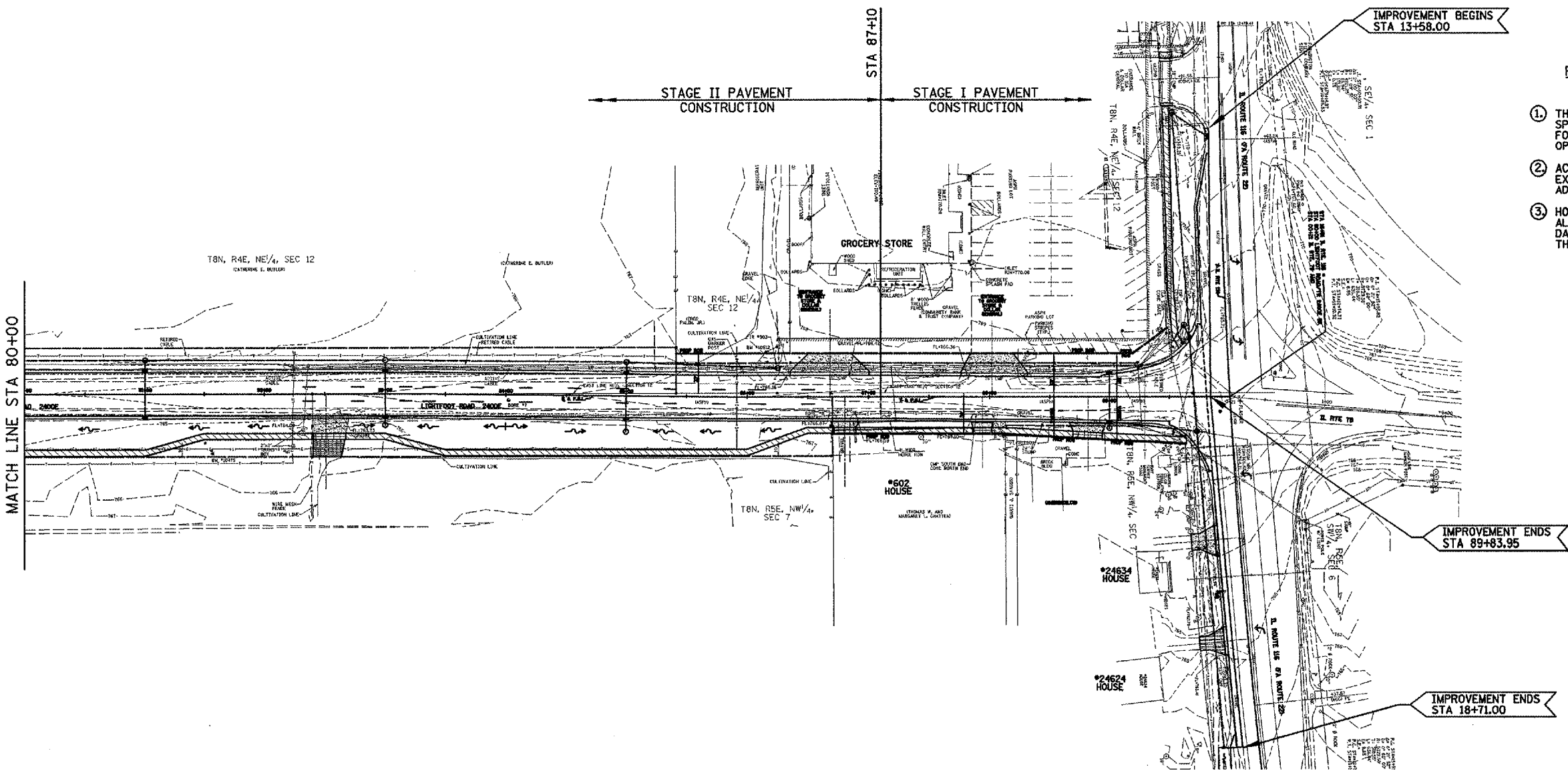
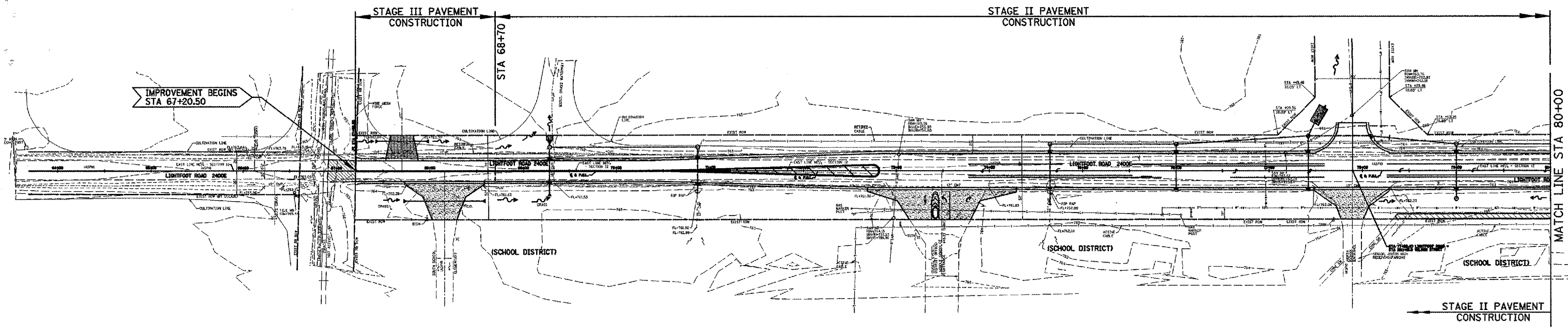
CITY OF FARMINGTON, ILLINOIS
 LIGHTFOOT ROAD - 2400E
 SECTION 05-00030-01-FP

CONTROL AND SURVEY TIES

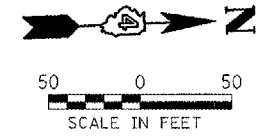
DESIGNED BY DRR	DATE 11/06/06	CHECKED BY RCD	FILE NO. 24-7613	BOOK NO. PE0-7&13	SHEET NO. 8 of 44
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*		44	9
STA. 67+20.50		TO STA. 89+83.95		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* FULTON & PEORIA				
CONTRACT NO. 89395				



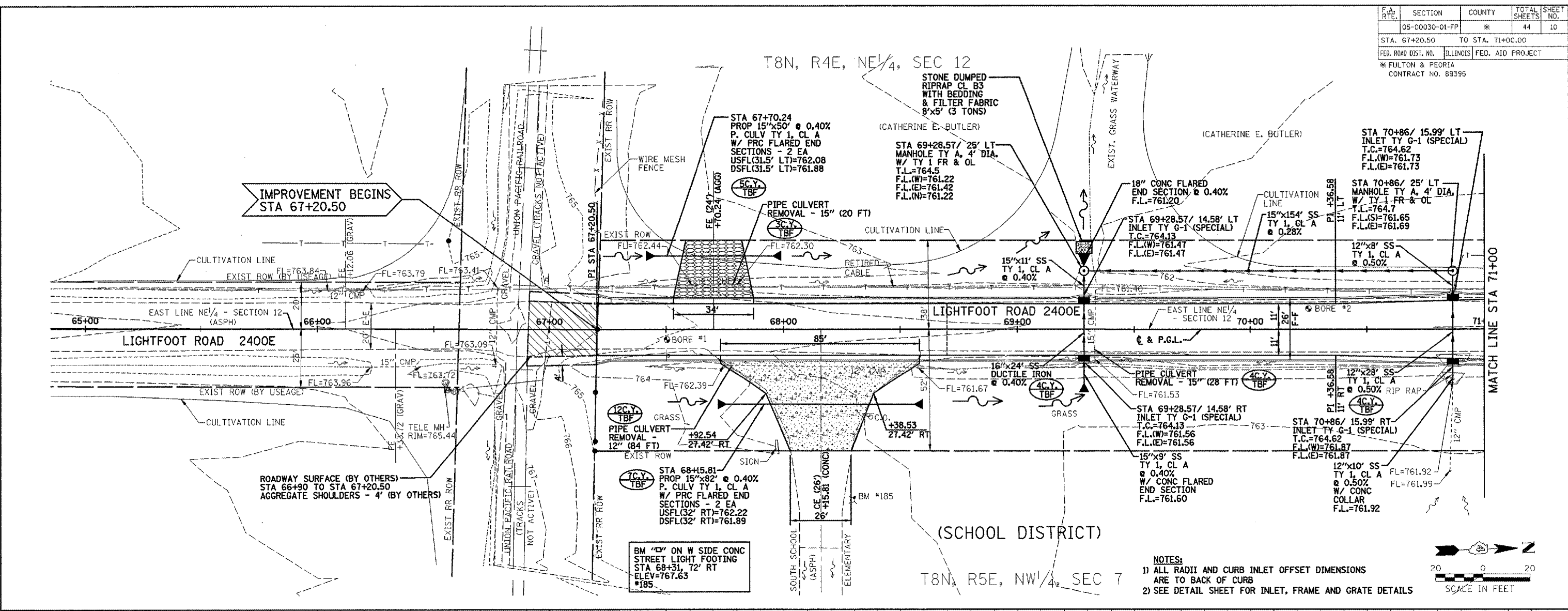
- ROADWAY PAVEMENT AND CURB & GUTTER CONSTRUCTION STAGING REQUIREMENTS**
- THIS SHEET SHALL BE REFERENCED WITH THE APPLICABLE SPECIAL PROVISIONS FOR COMPLETION DATE, AGGREGATE FOR TEMPORARY ACCESS, TRAFFIC CONTROL AND SEQUENCE OF OPERATIONS.
 - ACCESS FOR GROCERY STORE BUSINESS IS ALSO AVAILABLE VIA EXISTING ALLEYS LOCATED BEHIND THE BUSINESS AND ON ADJACENT IL RTE 116.
 - HOMEOWNERS AT 602 LIGHTFOOT ROAD AS WELL AS RESIDENTS ALONG IL RTE 116 SHALL HAVE ACCESS AT THE END OF EACH DAY, UTILIZING AGGREGATE FOR TEMPORARY ACCESS UNTIL THE PERMANENT DRIVES CAN BE CONSTRUCTED.



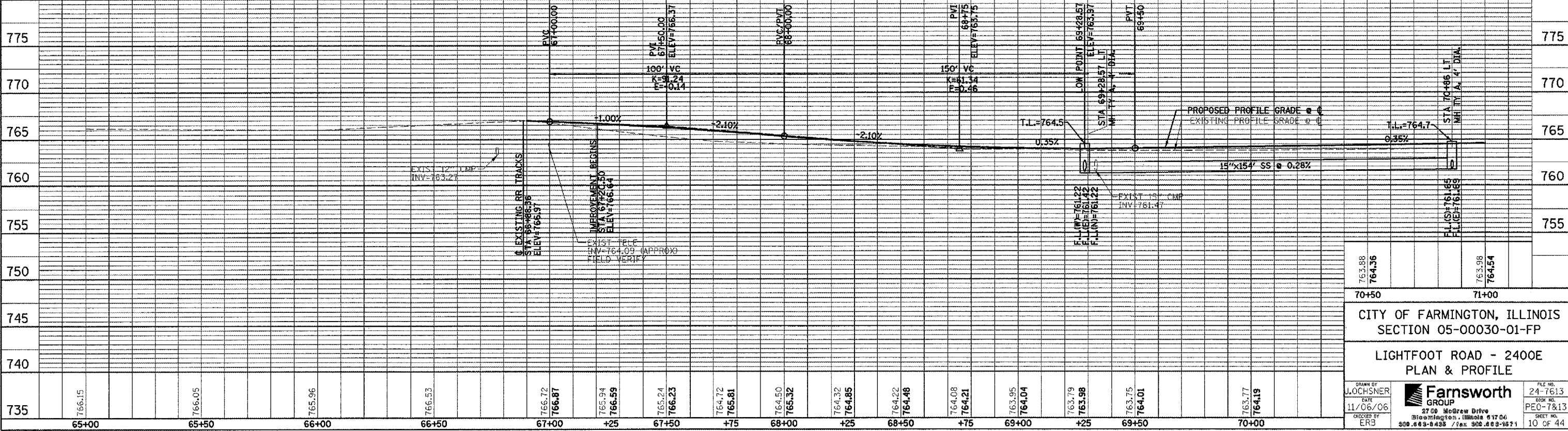
CITY OF FARMINGTON, ILLINOIS
 LIGHTFOOT ROAD - 2400E
 SECTION 05-00030-01-FP

STAGE CONSTRUCTION PLAN

DESIGNED BY DRR		FILE NO. 24-7613
CHECKED BY RCD		BOOK NO. PEO-7&13
DATE 11/06/06	2700 Sycamore Drive Bloomington, Illinois 61706 309/898-8436, 309/898-0670 fax	SHEET NO. 9 of 44



NOTES:
 1) ALL RADII AND CURB INLET OFFSET DIMENSIONS ARE TO BACK OF CURB
 2) SEE DETAIL SHEET FOR INLET, FRAME AND GRATE DETAILS



CITY OF FARMINGTON, ILLINOIS
 SECTION 05-00030-01-FP

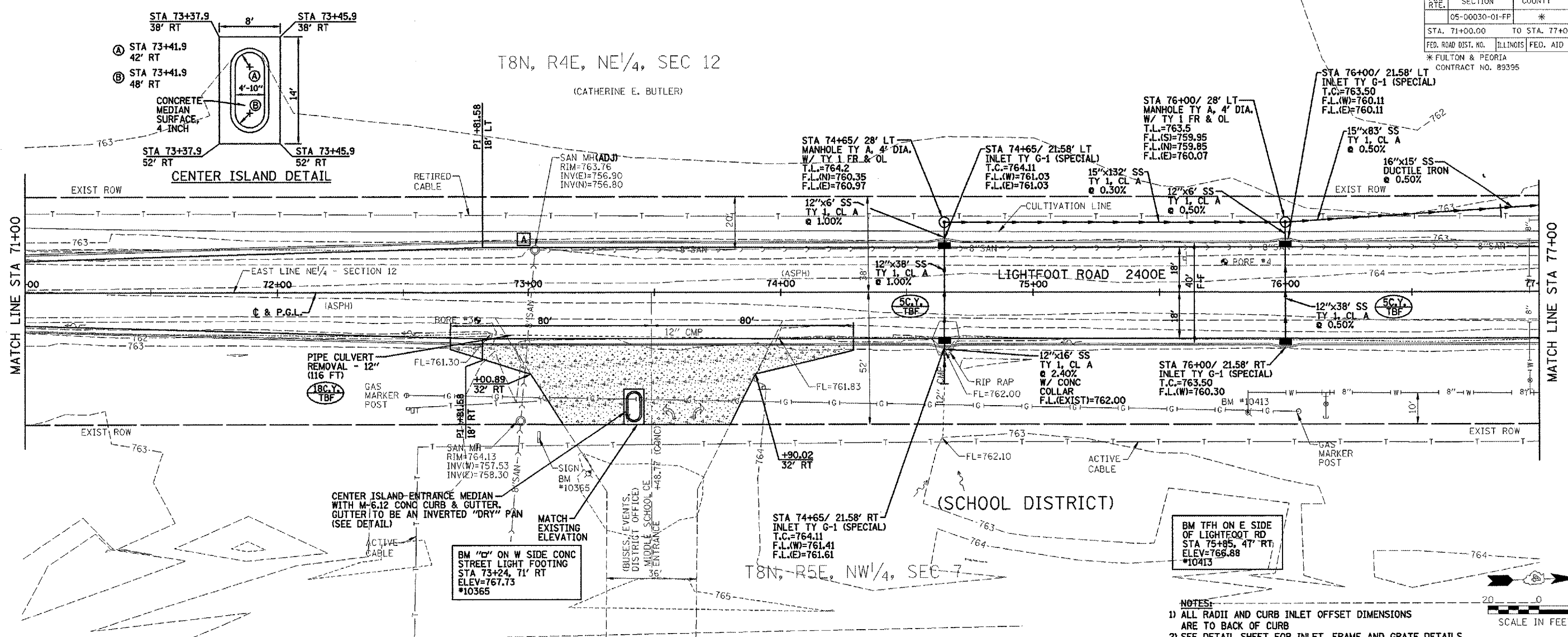
LIGHTFOOT ROAD - 2400E
 PLAN & PROFILE

DRAWN BY J. JOCHNER DATE 11/06/06 CHECKED BY ERS		FILE NO. 24-7613 DRAWING NO. PE0-7813 SHEET NO. 10 OF 44
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FILE:
 DATE:

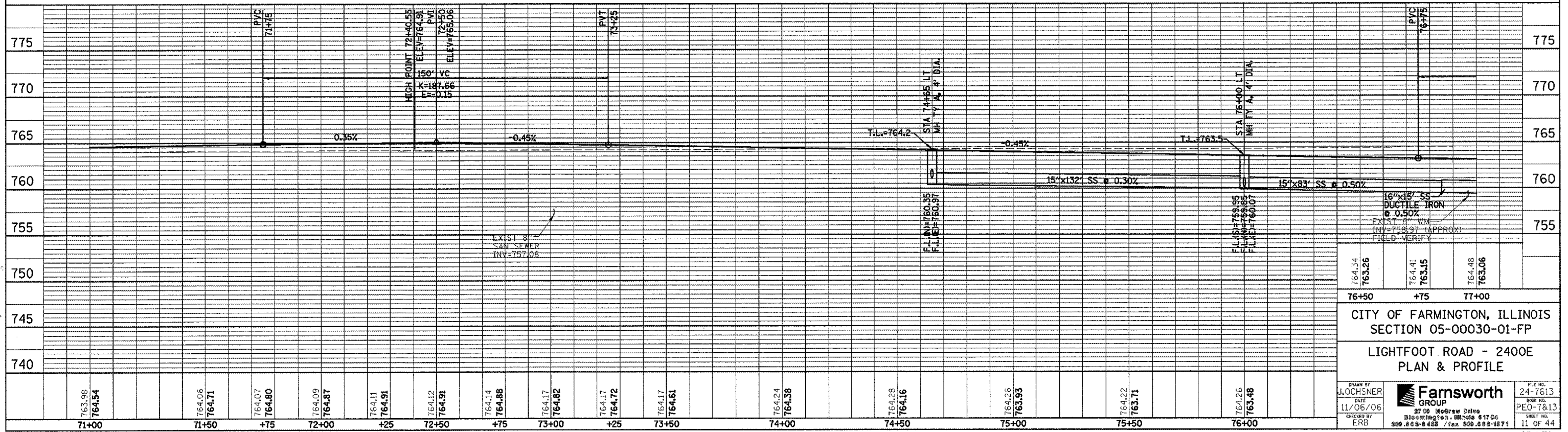
F.A. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	44	11
STA. 71+00.00 TO STA. 77+00.00		ILLINOIS FED. AID PROJECT	
* FULTON & PEORIA CONTRACT NO. 89395			

T8N, R4E, NE 1/4, SEC 12
(CATHERINE E. BUTLER)



NOTES:
 1) ALL RADII AND CURB INLET OFFSET DIMENSIONS ARE TO BACK OF CURB
 2) SEE DETAIL SHEET FOR INLET, FRAME AND GRATE DETAILS

SCALE IN FEET



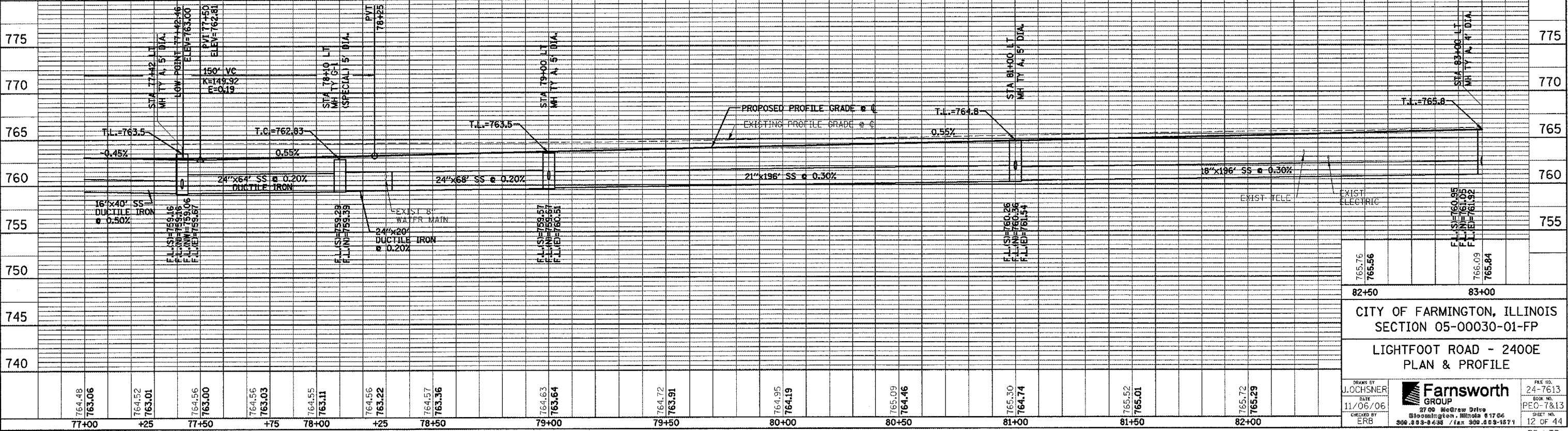
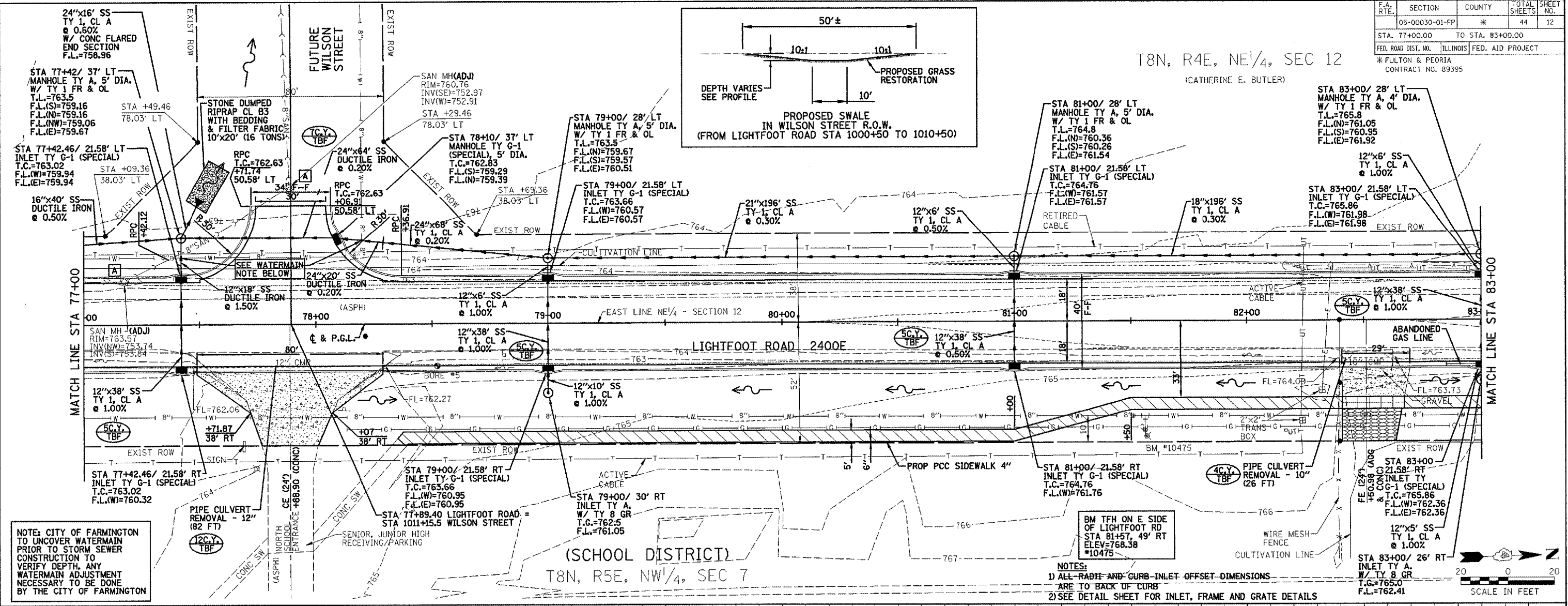
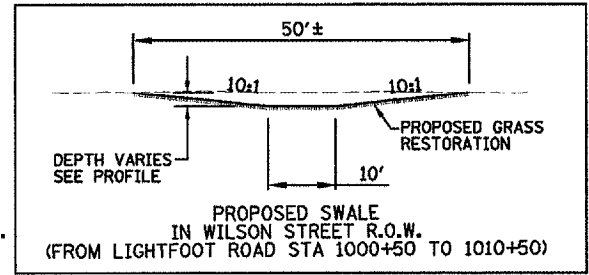
CITY OF FARMINGTON, ILLINOIS
SECTION 05-00030-01-FP

LIGHTFOOT ROAD - 2400E
PLAN & PROFILE

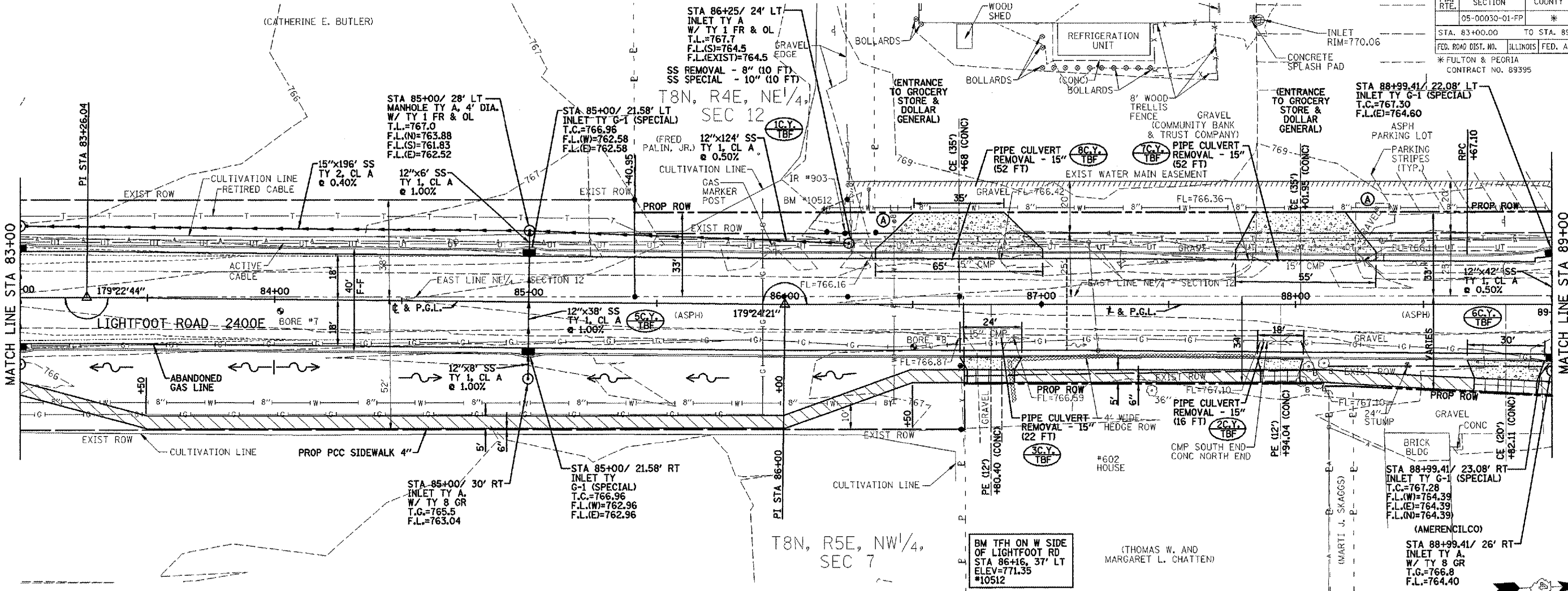
Drawn by J. JOCHSNER	Checked by ERB	Date 11/06/06	Scale AS SHOWN
		2700 Midway Drive Skokie, Illinois 60076 847.471.1170 300.658-8458 / fax 300.658-1671	
File No. 24-7613	Book No. PEO-7&13	Sheet No. 11 OF 44	

FILE:
DATE:

T8N, R4E, NE1/4, SEC 12
(CATHERINE E. BUTLER)



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	*	44	13
STA. 83+00.00		TO STA. 89+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				

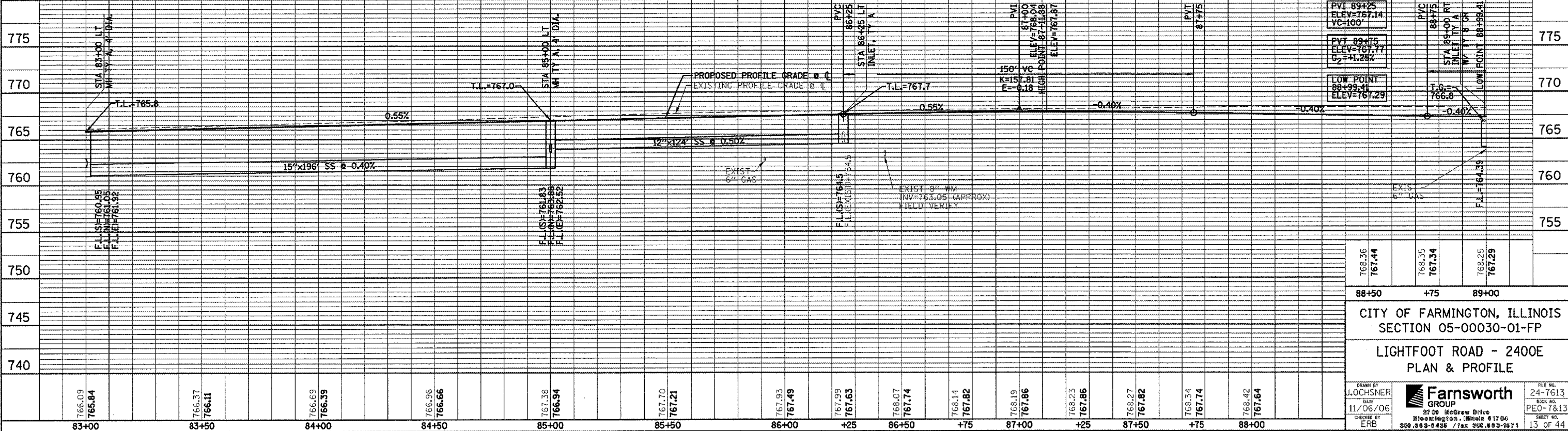


T8N, R5E, NW1/4, SEC 7

(THOMAS W. AND MARGARET L. CHATTEN)

BM TFH ON W SIDE OF LIGHTFOOT RD
STA 86+16.37' LT
ELEV=771.35
#10512

- NOTES:
 1) ALL RADII AND CURB INLET OFFSET DIMENSIONS ARE TO BACK OF CURB
 2) SEE DETAIL SHEET FOR INLET, FRAME AND GRATE DETAILS



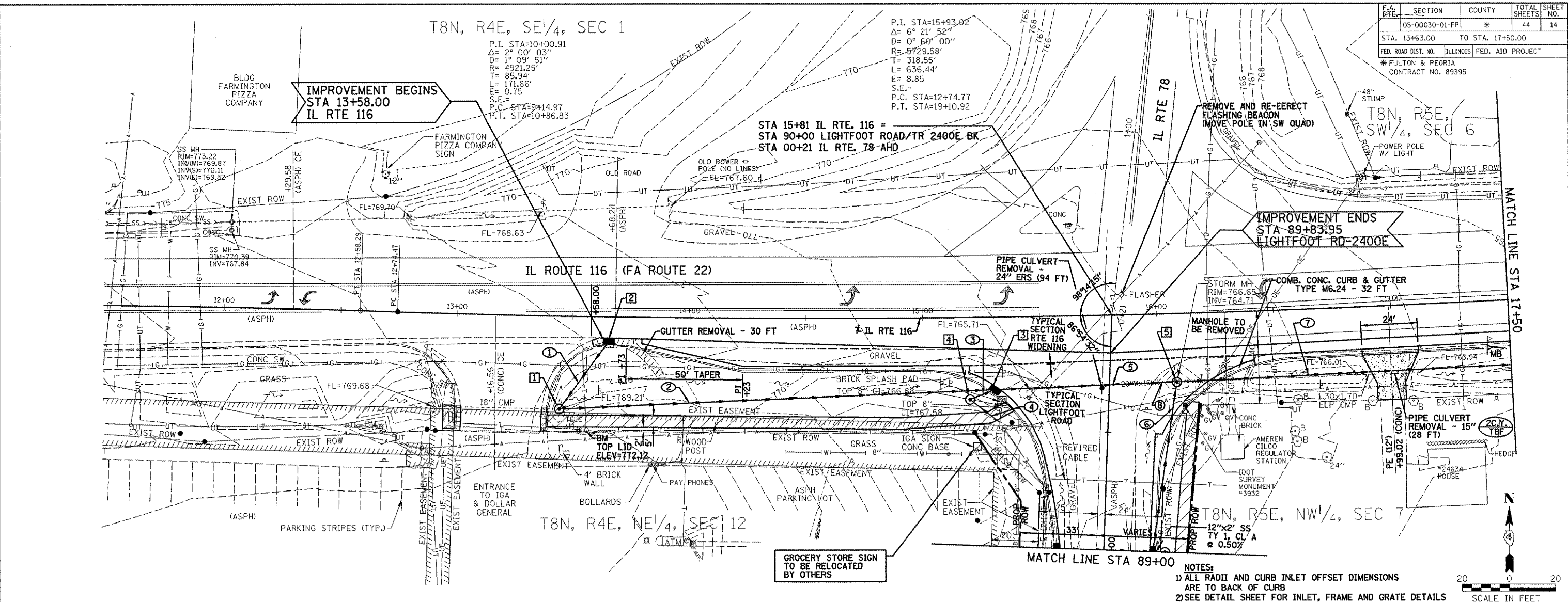
768.36	767.44	768.35	767.34	768.25	767.29
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88+50 +75 89+00
 CITY OF FARMINGTON, ILLINOIS
 SECTION 05-00030-01-FP
 LIGHTFOOT ROAD - 2400E
 PLAN & PROFILE

DRAWN BY J. OCHSNER DATE 11/06/06 CHECKED BY ERB		FILE NO. 24-7613 BOOK NO. PE0-7813 SHEET NO. 13 OF 44
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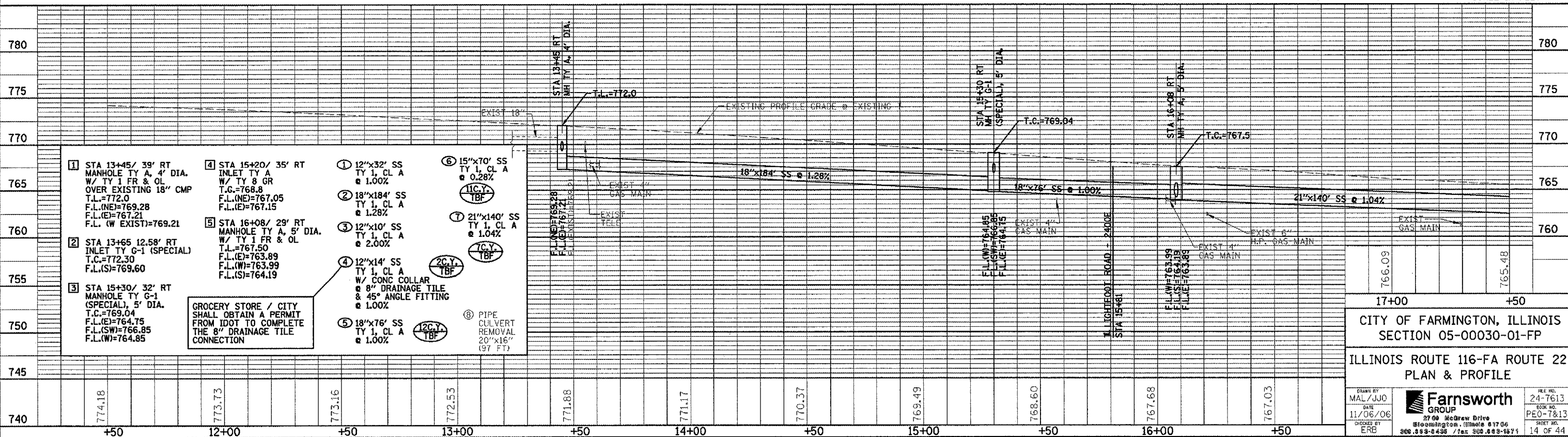
FILE:
DATE:

F.A. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	44	14
STA. 13+63.00 TO STA. 17+50.00			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
* FULTON & PEORIA CONTRACT NO. 89395			



NOTES:
 1) ALL RADII AND CURB INLET OFFSET DIMENSIONS ARE TO BACK OF CURB
 2) SEE DETAIL SHEET FOR INLET, FRAME AND GRATE DETAILS

SCALE IN FEET



- 1) STA 13+45/ 39' RT MANHOLE TY A, 4' DIA. W/ TY 1 FR & OL OVER EXISTING 18" CMP T.L.=772.0 F.L.(NE)=769.28 F.L.(E)=767.21 F.L. (W EXIST)=769.21
- 2) STA 13+65 12.58' RT INLET TY G-1 (SPECIAL) T.C.=772.30 F.L.(S)=769.60
- 3) STA 15+30/ 32' RT MANHOLE TY G-1 (SPECIAL), 5' DIA. T.C.=769.04 F.L.(E)=764.75 F.L.(SW)=766.85 F.L.(W)=764.85
- 4) STA 15+20/ 35' RT INLET TY A W/ TY 8 GR T.C.=768.8 F.L.(NE)=767.05 F.L.(E)=767.15
- 5) STA 16+08/ 29' RT MANHOLE TY A, 5' DIA. W/ TY 1 FR & OL T.L.=767.50 F.L.(E)=763.89 F.L.(W)=763.99 F.L.(S)=764.19
- 6) 12"x32" SS TY 1, CL A @ 1.00%
- 7) 18"x184" SS TY 1, CL A @ 1.28%
- 8) 21"x140" SS TY 1, CL A @ 1.04%
- 9) 12"x14" SS TY 1, CL A W/ CONC COLLAR @ 8" DRAINAGE TILE & 45° ANGLE FITTING @ 1.00%
- 10) 18"x76" SS TY 1, CL A @ 1.00%
- 11) 15"x70" SS TY 1, CL A @ 0.28%
- 12) 21"x140" SS TY 1, CL A @ 1.04%
- 13) PIPE CULVERT REMOVAL 20"x16" (97 FT)

GROCERY STORE / CITY SHALL OBTAIN A PERMIT FROM IDOT TO COMPLETE THE 8" DRAINAGE TILE CONNECTION

17+00 +50

CITY OF FARMINGTON, ILLINOIS
SECTION 05-00030-01-FP

ILLINOIS ROUTE 116-FA ROUTE 22
PLAN & PROFILE

DRAWN BY: MAL/JJO
DATE: 11/06/06
CHECKED BY: ERB

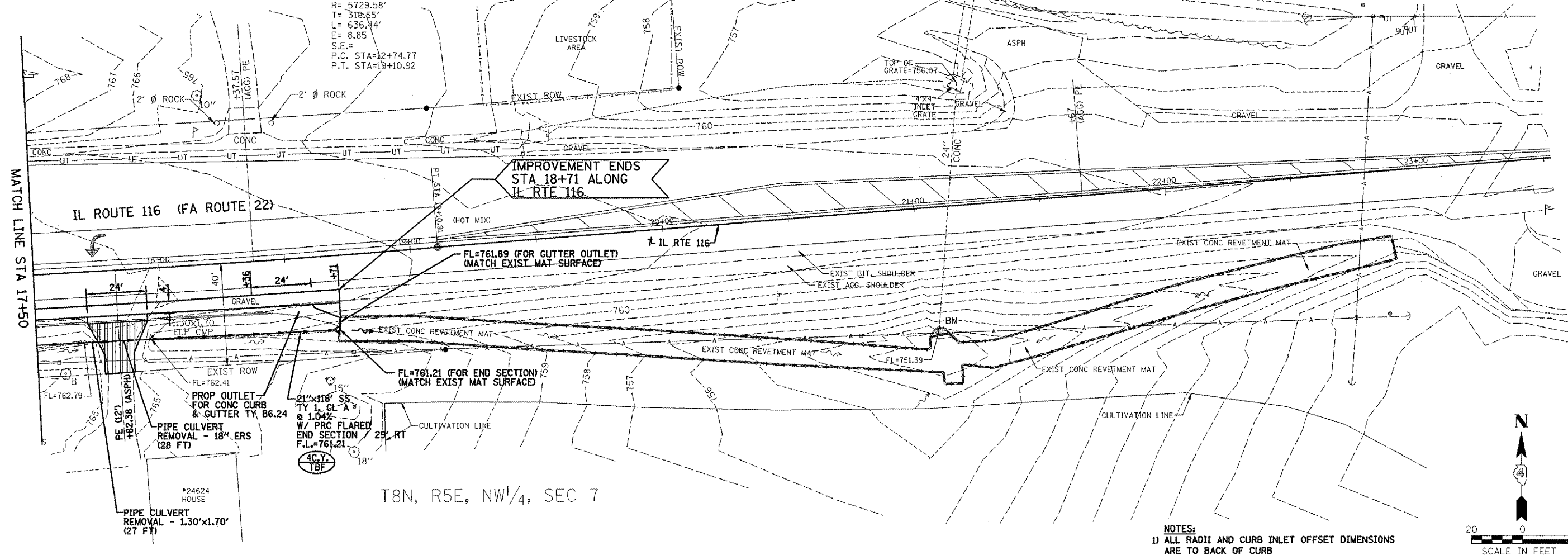
Farnsworth GROUP
2700 McGraw Drive
Bloomington, Illinois 61706
309.533-8438 / fax 309.533-1871

FILE NO. 24-7613
BOOK NO. PE0-7813
SHEET NO. 14 OF 44

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	*	44	15
STA. 17+50.00		TO STA. 18+71.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				

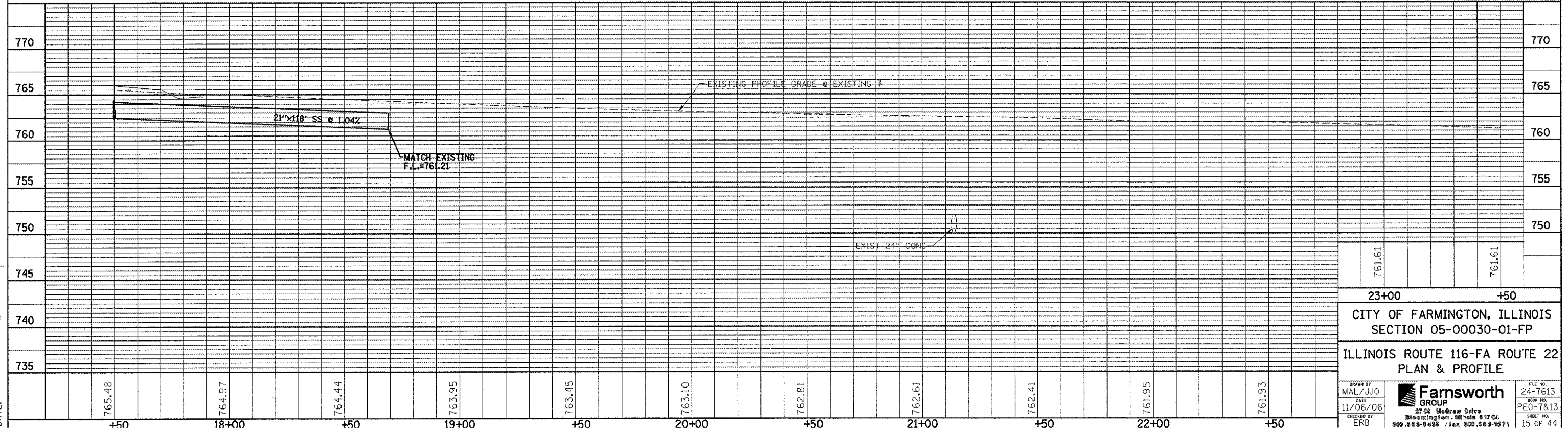
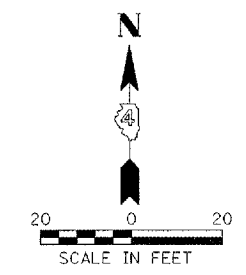
T8N, R5E, SW 1/4, SEC 6

P.I. STA=15+93.02
 $\Delta = 6^\circ 21' 52''$
 $D = 0^\circ 60' 00''$
 $R = 5729.58'$
 $T = 318.65'$
 $L = 636.44'$
 $E = 8.85'$
 $S.E. =$
 P.C. STA=12+74.77
 P.T. STA=19+10.92



T8N, R5E, NW 1/4, SEC 7

- NOTES:**
- 1) ALL RADII AND CURB INLET OFFSET DIMENSIONS ARE TO BACK OF CURB
 - 2) SEE DETAIL SHEET FOR INLET, FRAME AND GRATE DETAILS



761.61	761.61
23+00	+50
CITY OF FARMINGTON, ILLINOIS SECTION 05-00030-01-FP	
ILLINOIS ROUTE 116-FA ROUTE 22 PLAN & PROFILE	
DRAWN BY MAL/JJO	DATE 11/06/06
CHECKED BY ERB	FILE NO. 24-7613
2706 McGraw Drive Bloomington, Illinois 61704 309.683-8438 / fax 309.683-1871	
BOOK NO. PEO-7&13 SHEET NO. 15 OF 44	

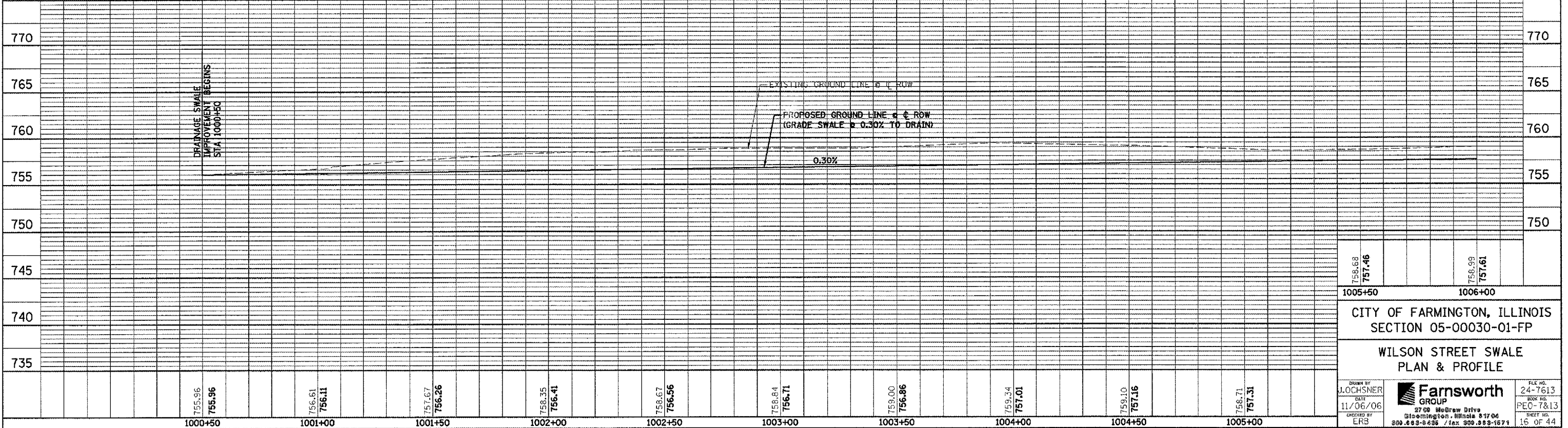
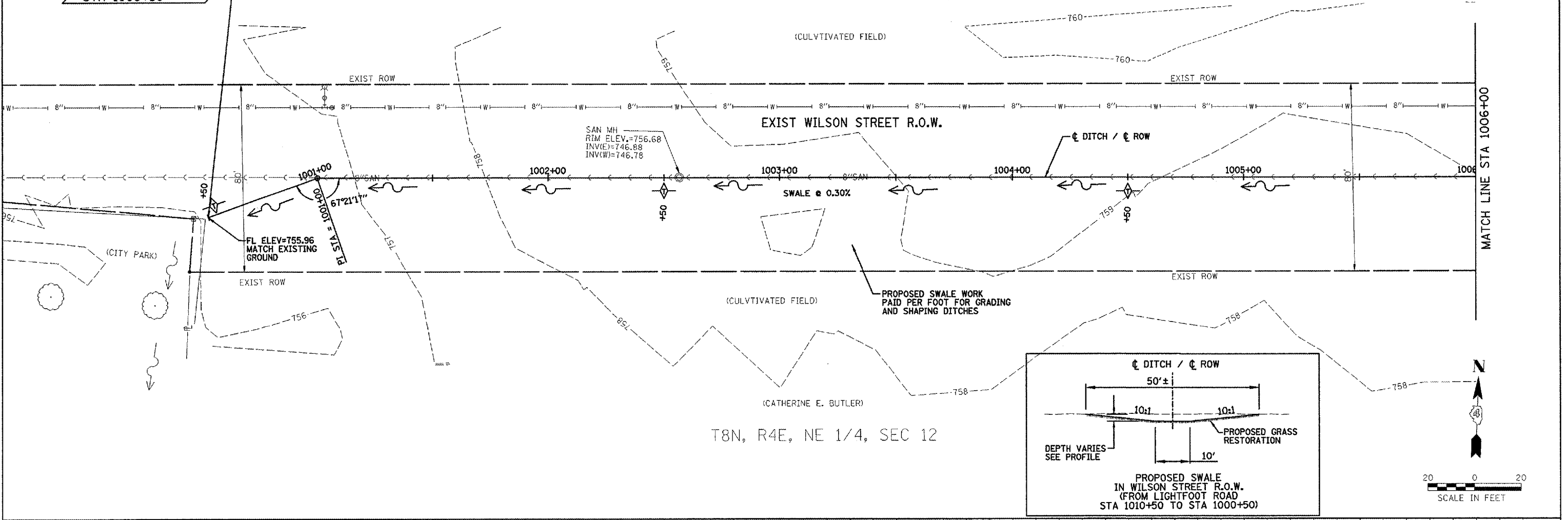
FILE:
DATE:

T8N, R4E, NE 1/4, SEC 12

(CATHERINE E. BUTLER)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-PP	*	*	44	16
STA. 1001+00		TO STA. 1006+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				

DRAINAGE SWALE IMPROVEMENT BEGINS STA 1000+50

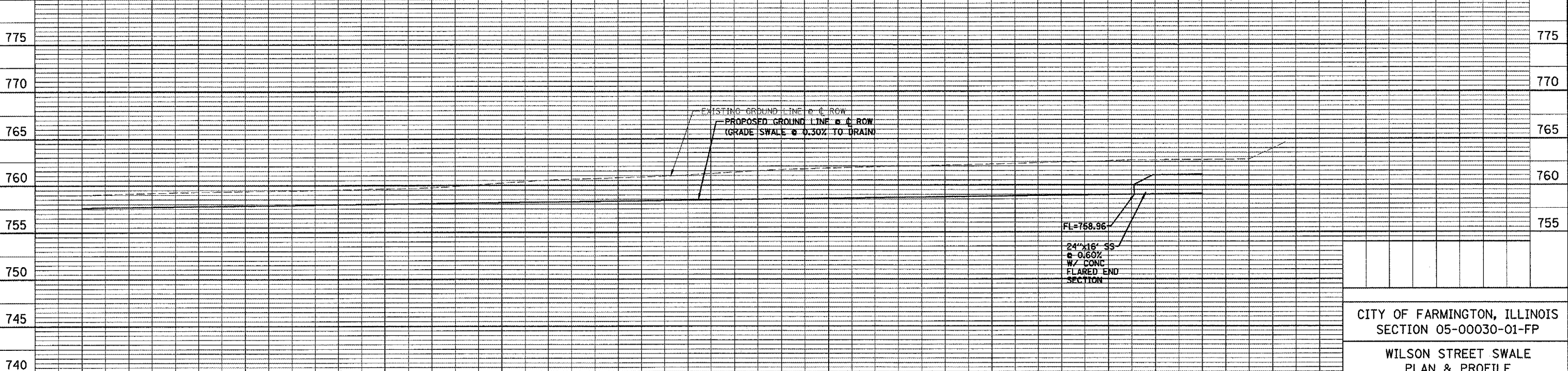
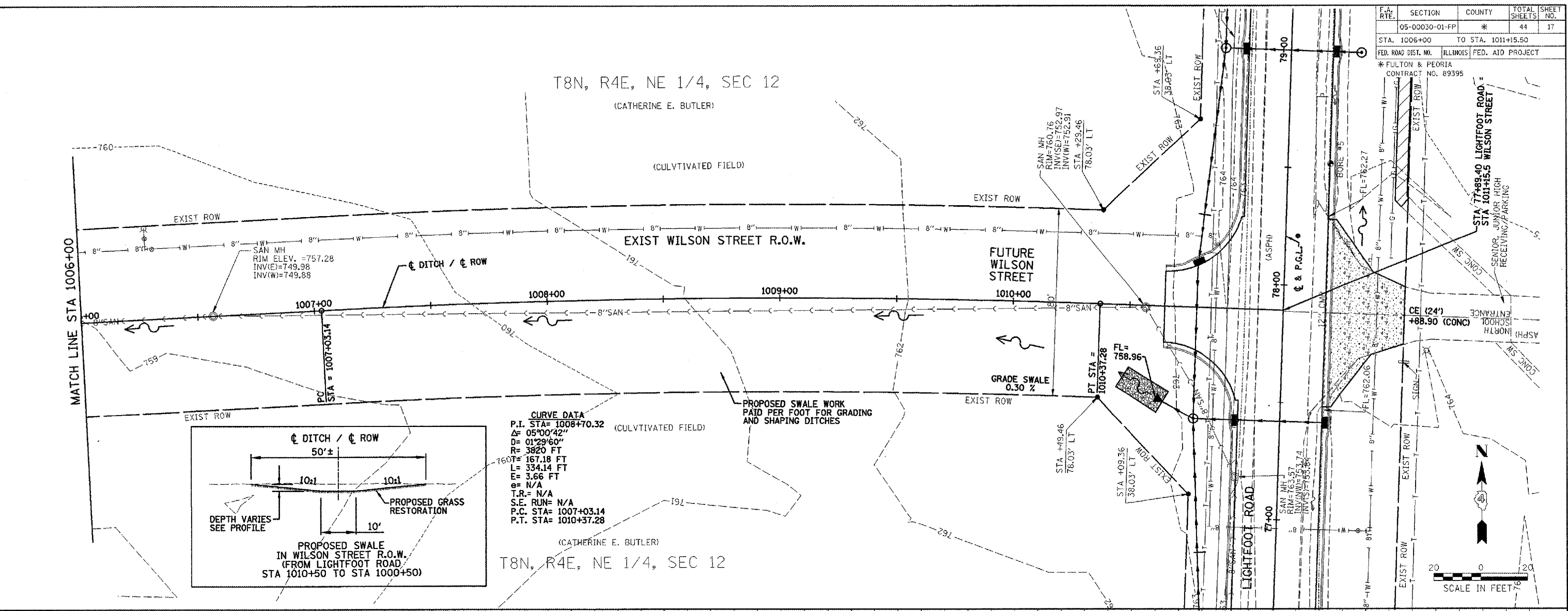


FILE: DATE:

F.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*		44	17

STA. 1006+00 TO STA. 1011+15.50

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
* FULTON & PEORIA CONTRACT NO. 89395



CITY OF FARMINGTON, ILLINOIS
SECTION 05-00030-01-FP

WILSON STREET SWALE
PLAN & PROFILE

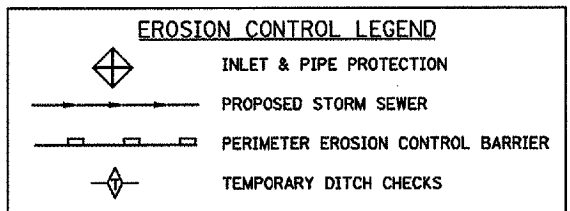
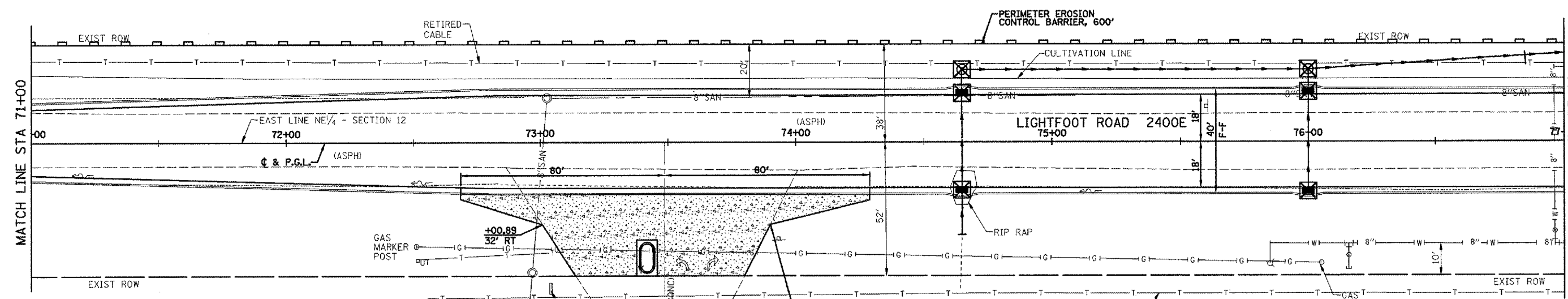
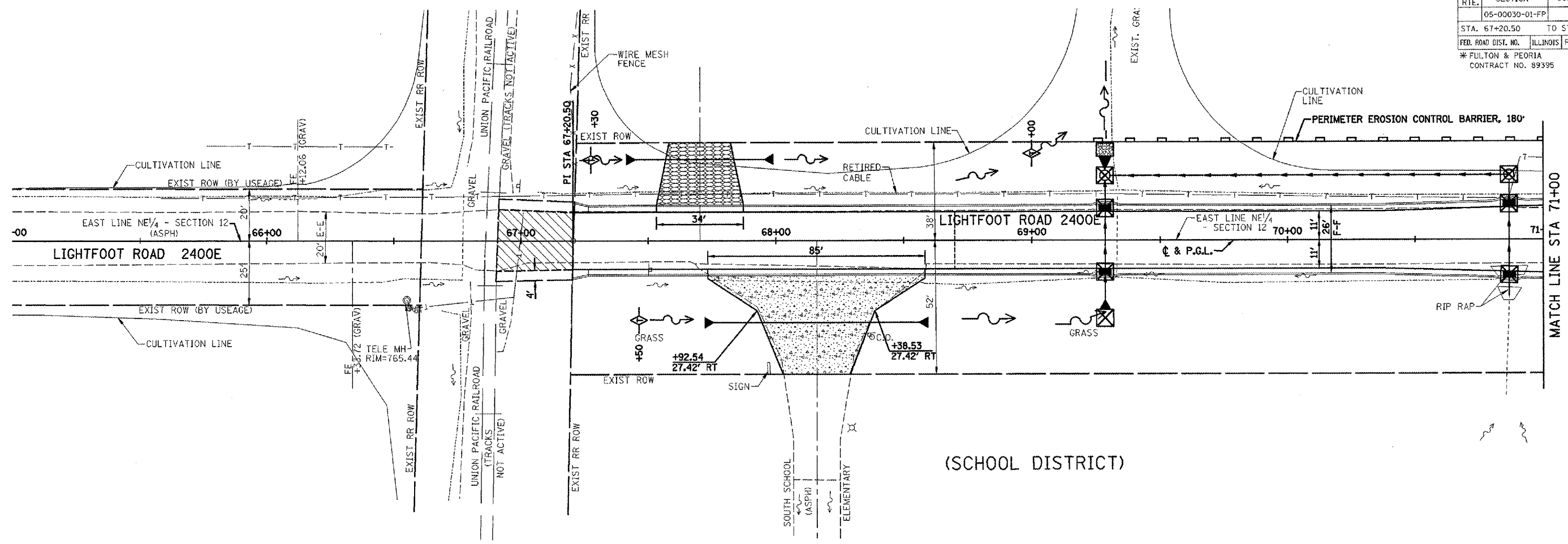
DRAWN BY: J. JOCHNER
DATE: 11/06/06
CHECKED BY: ERB

Farnsworth GROUP
2700 McDraw Drive
Bloomington, Illinois 61706
800.499.8636 / fax 800.882.1871

FILE NO.: 24-7613
BOOK NO.: PEO-78.13
SHEET NO.: 17 OF 44

FILE:
DATE:

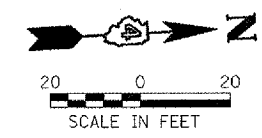
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	*	44	18
STA. 67+20.50		TO STA. 77+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* FULTON & PEORIA				
CONTRACT NO. 89395				



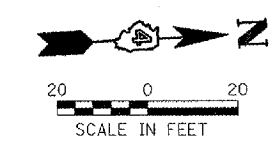
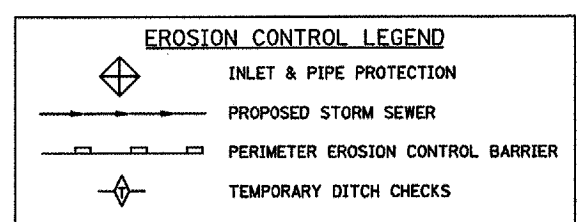
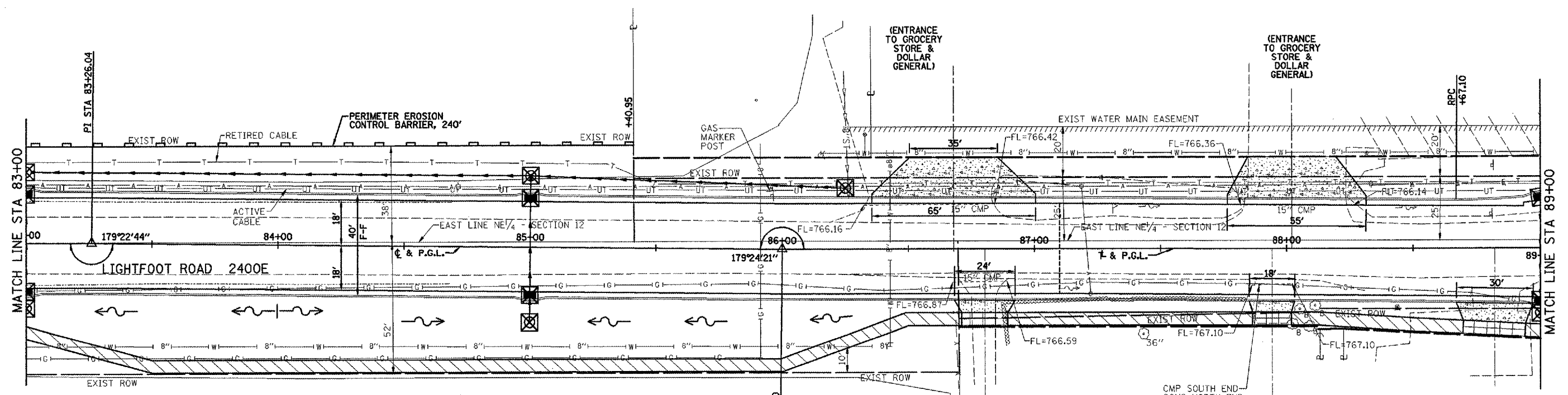
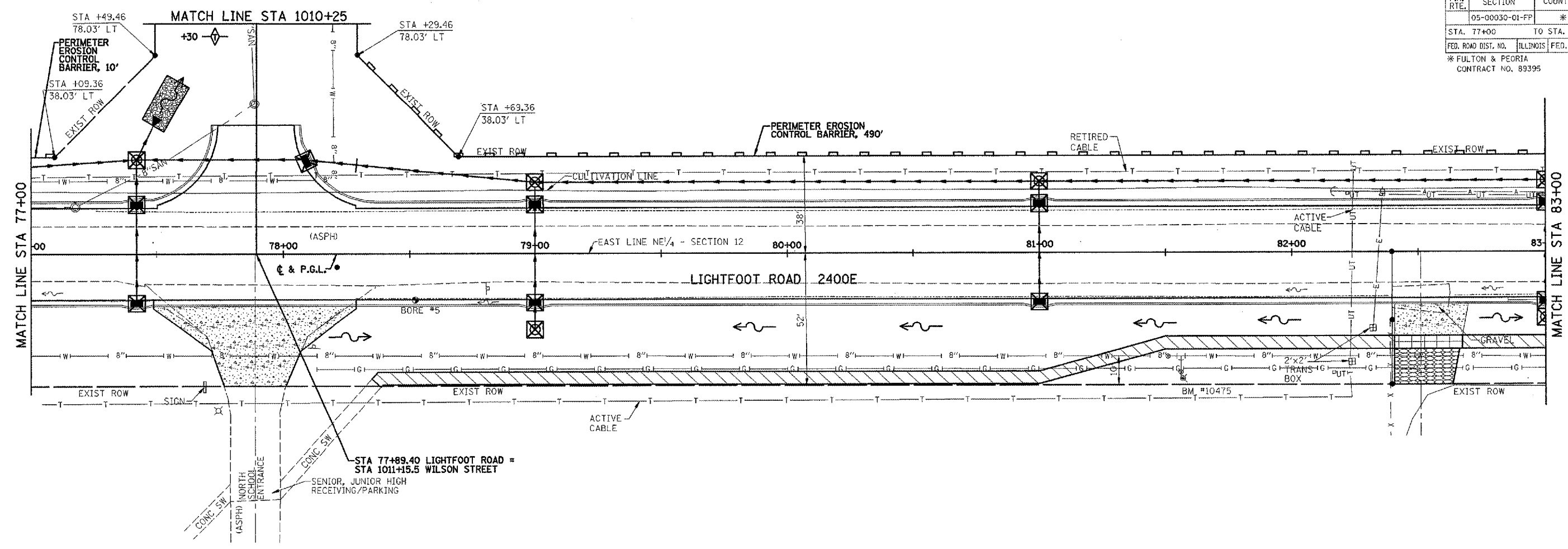
CITY OF FARMINGTON, ILLINOIS
 LIGHTFOOT ROAD - 2400E
 SECTION 05-00030-01-FP

EROSION CONTROL PLAN
 "SWPPP"

DRAWN BY DRR DATE 11/06/06 CHECKED BY RRD	Farnsworth GROUP 2700 2nd Street Bloomington, Illinois 61704 309/882-1434 309/882-1871 fax	FILE NO. 24-7613 BOOK NO. PEO-7&13 SHEET NO. 18 of 44
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	*	44	19
STA. 77+00		TO STA. 89+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				

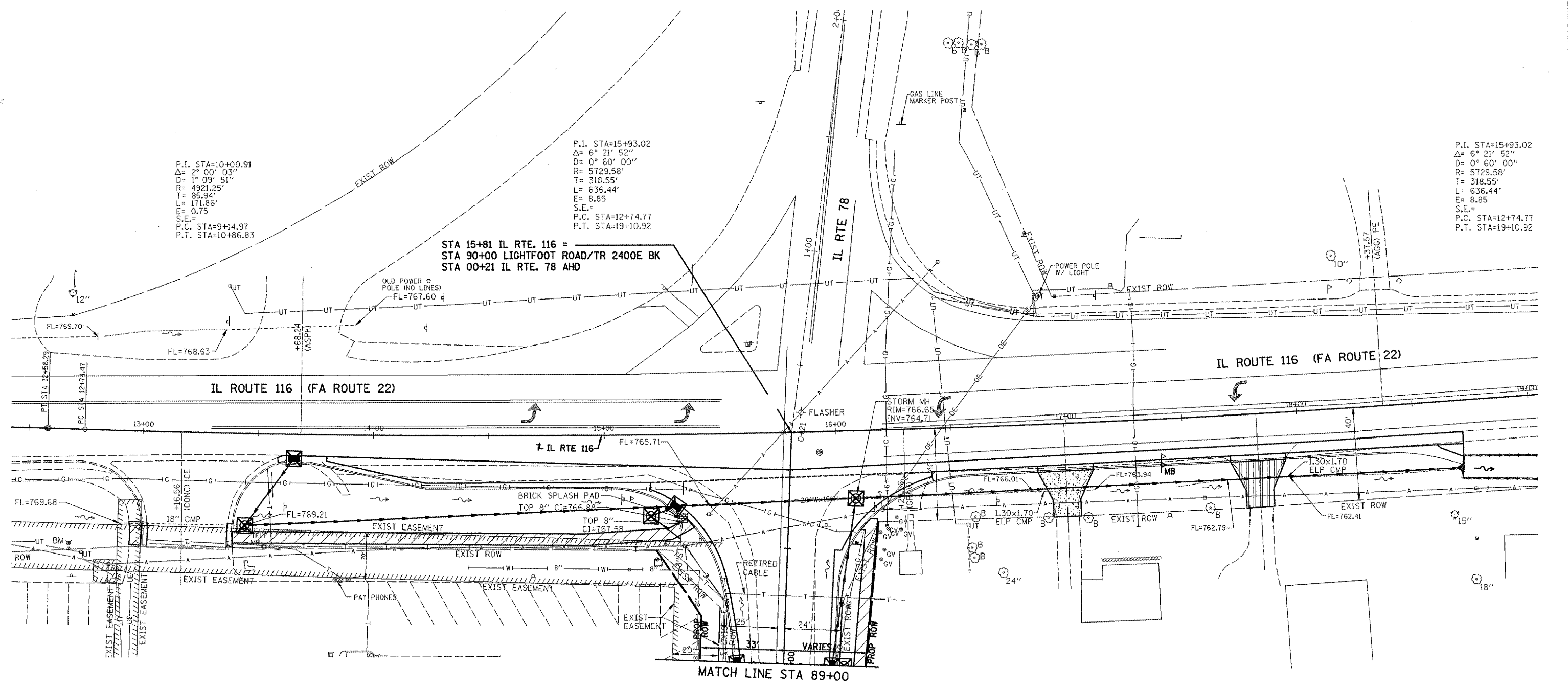


CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

EROSION CONTROL PLAN
"SWPPP"

DESIGNED BY DRR	 2709 W. Greer Drive Bloomington, Illinois 61704 309/882-8436, 309/882-1671 Fax	FILE NO. 24-7613
CHECKED BY RCD		BOOK NO. PEO-7&13
DATE 11/06/06		SHEET NO. 19 OF 44

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	44	20	
STA. 12+50		TO STA. 19+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				



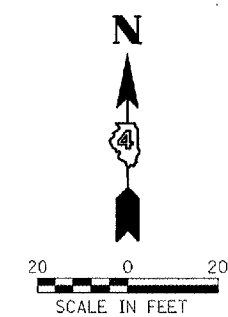
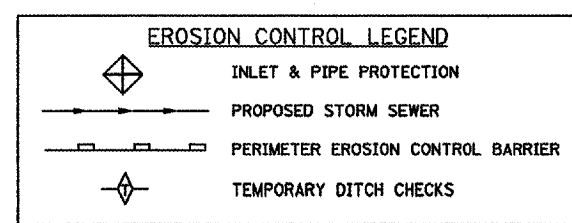
P.I. STA=10+00.91
 $\Delta = 2^\circ 00' 03''$
 $D = 1^\circ 09' 51''$
 $R = 4921.25'$
 $T = 85.94'$
 $L = 171.86'$
 $E = 0.75$
 $S.E. =$
 P.C. STA=9+14.97
 P.T. STA=10+86.83

P.I. STA=15+93.02
 $\Delta = 6^\circ 21' 52''$
 $D = 0^\circ 60' 00''$
 $R = 5729.58'$
 $T = 318.55'$
 $L = 636.44'$
 $E = 8.85$
 $S.E. =$
 P.C. STA=12+74.77
 P.T. STA=19+10.92

P.I. STA=15+93.02
 $\Delta = 6^\circ 21' 52''$
 $D = 0^\circ 60' 00''$
 $R = 5729.58'$
 $T = 318.55'$
 $L = 636.44'$
 $E = 8.85$
 $S.E. =$
 P.C. STA=12+74.77
 P.T. STA=19+10.92

STA 15+81 IL RTE. 116 =
 STA 90+00 LIGHTFOOT ROAD/TR 2400E BK
 STA 00+21 IL RTE. 78 AHD

MATCH LINE STA 89+00



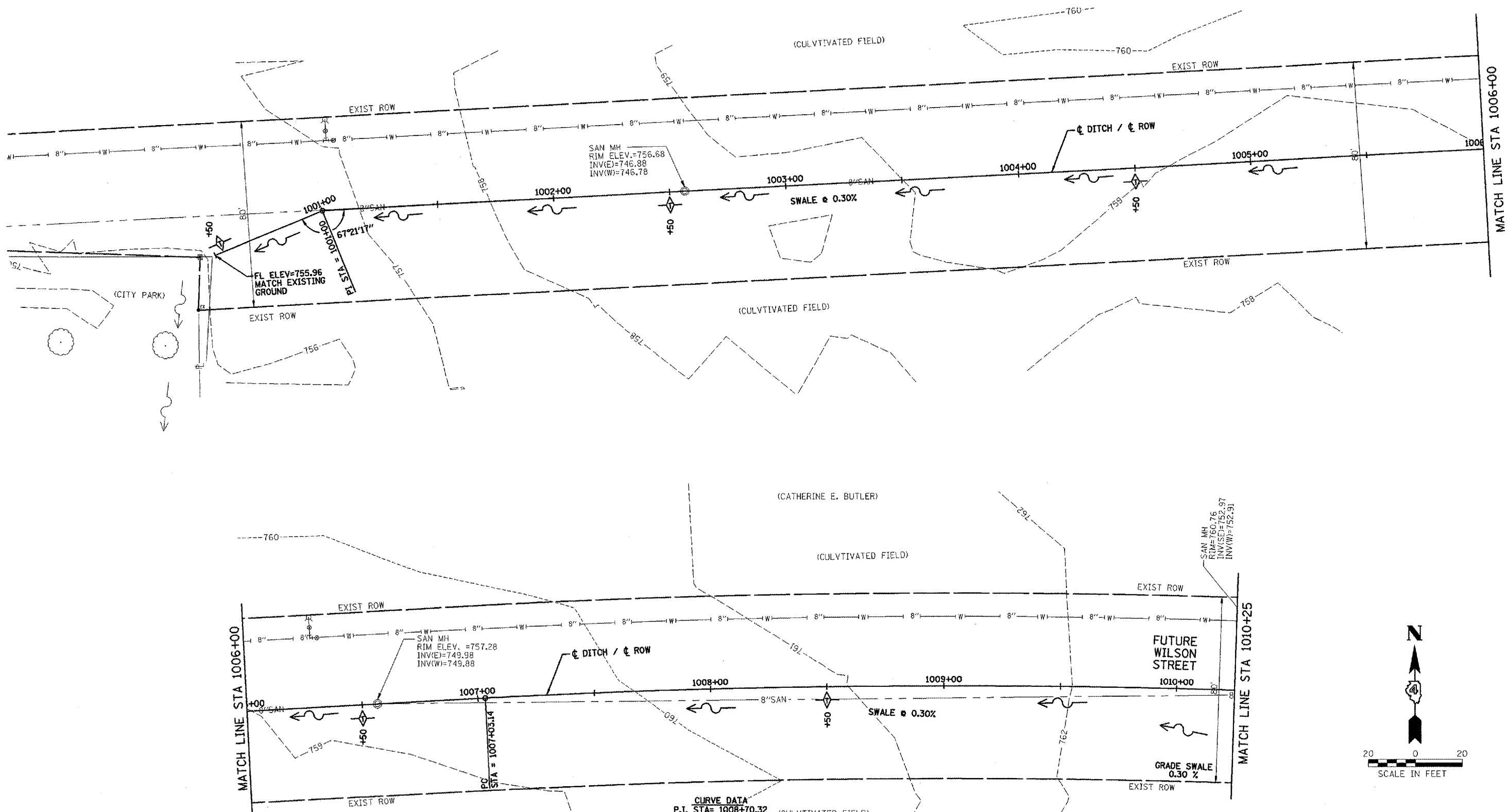
CITY OF FARMINGTON, ILLINOIS
 ILLINOIS RTE 116 - FA RTE 22
 SECTION 05-00030-01-FP

**EROSION CONTROL PLAN
 "SWPPP"**

DRAWN BY DRR	FILE NO. 24-7613
DATE 11/06/06	BOOK NO. PE0-7&13
CHECKED BY P/C	SHEET NO. 20 of 44

Farnsworth GROUP
 3700 94th Street
 Skokie, Illinois 60076
 847-944-4400

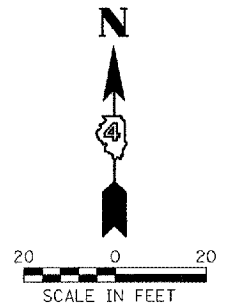
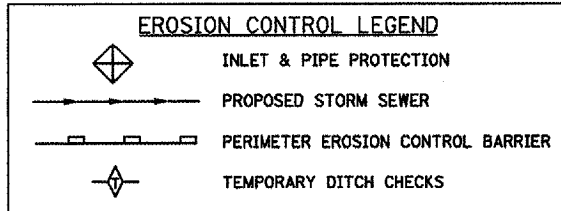
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	*	44	21
STA. 1001+00		TO STA. 1010+25		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				



MATCH LINE STA 1006+00

MATCH LINE STA 1010+25

CURVE DATA
 P.I. STA= 1008+70.32
 Δ = 05°00'42"
 D = 01°29'60"
 R = 3820 FT
 L = 167.18 FT
 E = 334.14 FT
 E = 3.66 FT
 e = N/A
 $T.R.$ = N/A
 $S.E. RUN$ = N/A
 $P.C. STA$ = 1007+03.14
 $P.T. STA$ = 1010+37.28

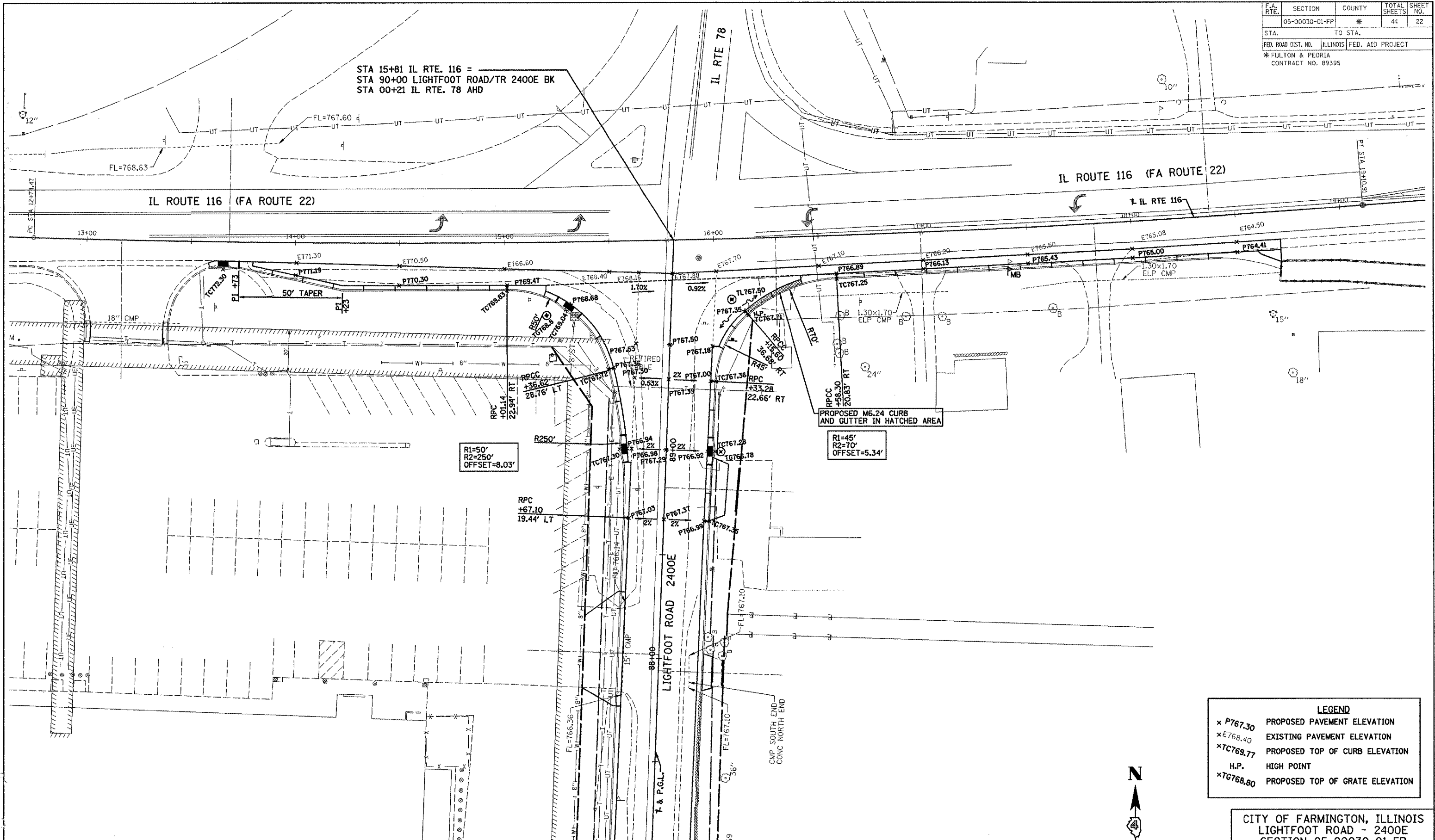


CITY OF FARMINGTON, ILLINOIS
 WILSON STREET
 SECTION 05-00030-01-FP

EROSION CONTROL PLAN
 "SWPPP"

DESIGNED BY DRR	 Farnsworth GROUP 2750 MacGregor Drive Bloomington, Illinois 61704 309/233-8436, 309/853-5871 Fax	FILE NO. 24-7613
DATE 11/06/06		BOOK NO. PEO-7&13
CHECKED BY RCD		SHEET NO. 21 of 44

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*		44	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				



LEGEND	
x P767.30	PROPOSED PAVEMENT ELEVATION
x E768.40	EXISTING PAVEMENT ELEVATION
x TC769.77	PROPOSED TOP OF CURB ELEVATION
H.P.	HIGH POINT
x TG768.80	PROPOSED TOP OF GRATE ELEVATION

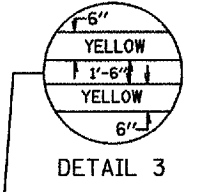
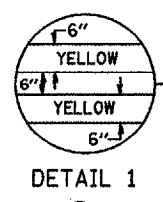
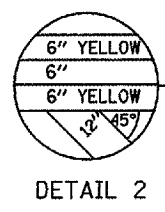
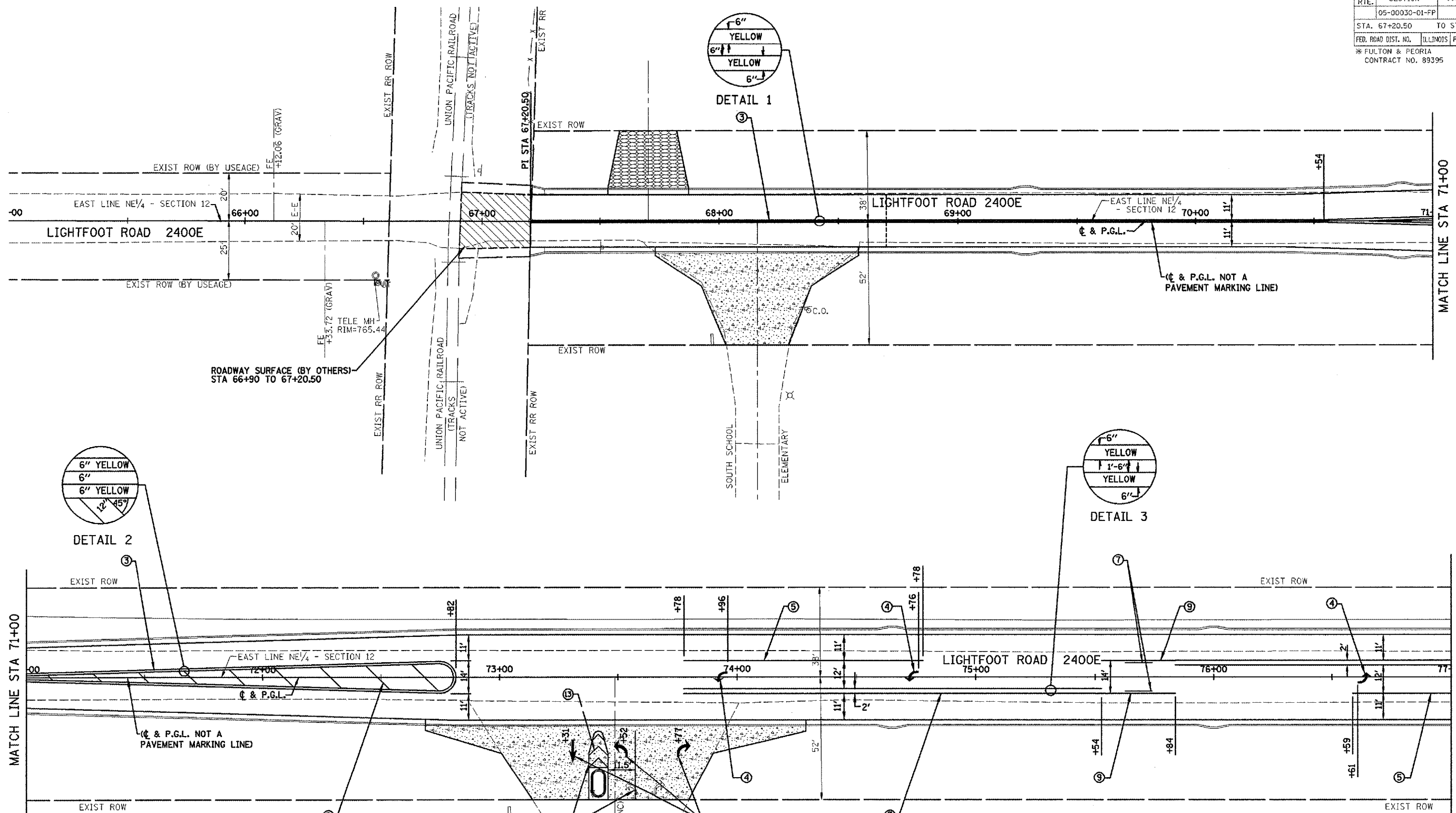
CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

INTERSECTION DETAILS
AND ELEVATIONS

DRAWN BY DRR DATE 11/06/06 CHECKED BY RGN	FILE NO. 24-7613 BOOK NO. PEO-7813 SHEET NO. 22 of 44
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Farnsworth
GROUP
2709 Siebman Drive
Bloomington, Illinois 61704
309/893-9636, 309/333-1673 fax

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	23
STA. 67+20.50		TO STA. 77+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA				
CONTRACT NO. 89395				



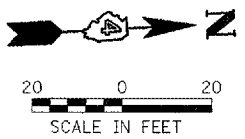
- NOTES:**
- PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT, NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGES OF CENTER LINE OR LANE LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
 - THE CONTRACTOR SHALL CONTACT THE CITY OF FARMINGTON PRIOR TO RELOCATION OF STOP SIGNS.
 - THE CITY SHALL FURNISH AND INSTALL ANY NEW APPLICABLE PARKING, CROSSWALK, 30 MPH SPEED LIMIT, AND OTHER TRAFFIC CONTROL SIGNS AS REQUIRED IN ACCORDANCE WITH THE MUTCD MANUAL. ALL SIGNS SHALL BE RELOCATED AND IN PLACE PRIOR TO OPENING THE STREET TO TRAFFIC.
 - SEE THE TYPICAL ROADWAY SECTION FOR OTHER DETAILS.

- 24" SOLID WHITE THERMOPLASTIC STOP BAR
- 6" SOLID WHITE THERMOPLASTIC CROSSWALK LINES STRIPED 7' WIDE
- 6" SOLID DOUBLE YELLOW THERMOPLASTIC LINE (SEE DETAIL NO. 1 OR NO. 3)
- WHITE THERMOPLASTIC PAVEMENT MARKING SYMBOL (LARGE SIZE) SEE STATE STANDARD 780001-01
- 8" WHITE THERMOPLASTIC PAVEMENT MARKING LINE
- 8" WHITE THERMOPLASTIC PAVEMENT MARKING LINE, 2' LONG, 6" GAP
- 6" YELLOW THERMOPLASTIC PAVEMENT MARKING LINE, 10' LONG, 30' GAP
- 12" SOLID YELLOW THERMOPLASTIC DIAGONAL LINES AT 20' C-C (SEE DETAIL 2)
- 6" SOLID YELLOW THERMOPLASTIC LINE
- YELLOW PAINT PAVEMENT MARKING SYMBOL (LARGE SIZE) SEE STATE STANDARD 780001-01
- 12" SOLID WHITE THERMOPLASTIC TRANSVERSE LINES @ 3' C-C
- RELOCATED STOP SIGN
- 8" SOLID YELLOW PAINT PAVEMENT MARKING LINE
- 12" SOLID YELLOW PAINT PAVEMENT MARKING LINE

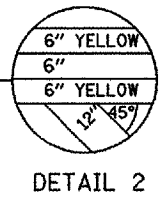
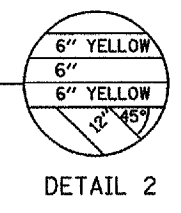
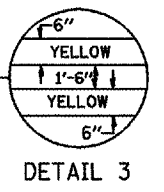
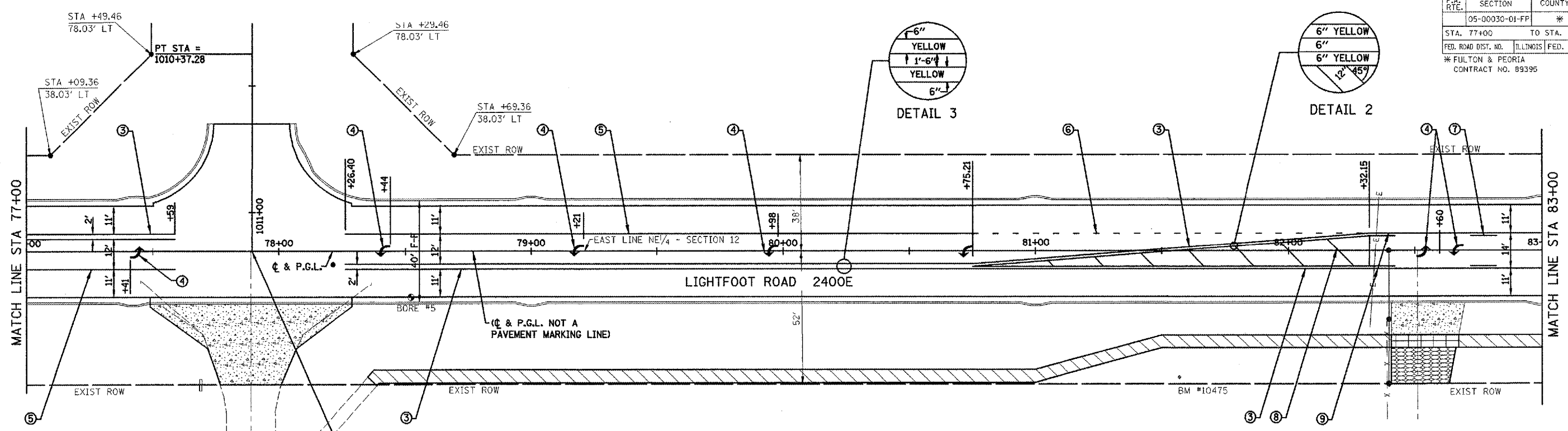
CITY OF FARMINGTON, ILLINOIS
 LIGHTFOOT ROAD - 2400E
 SECTION 05-00030-01-FP

PAVEMENT MARKING PLAN

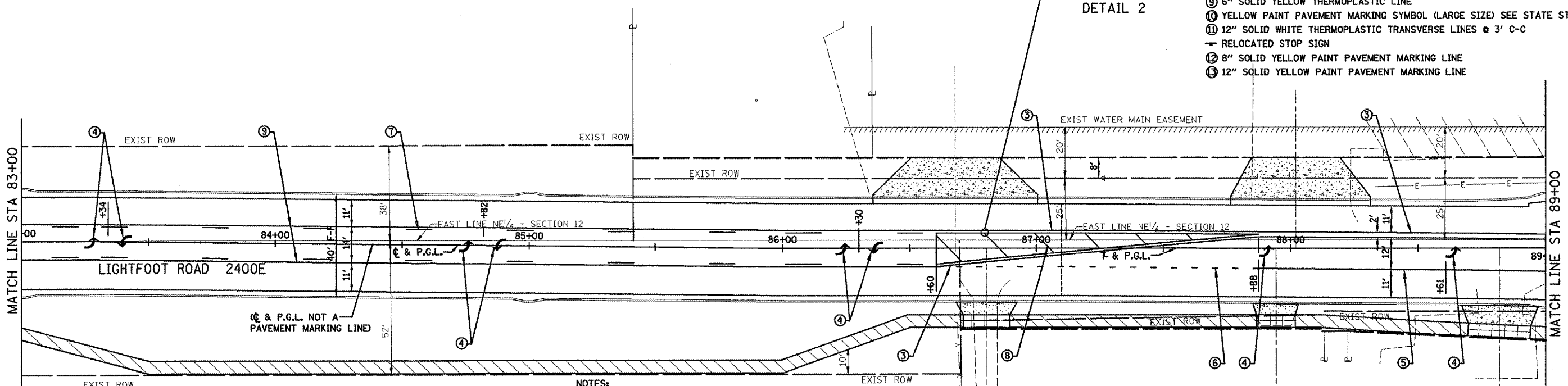
DRAWN BY DRR	 2708 MacCraw Drive Bloomington, Illinois 61704 309/333-8436, 309/333-9774 fax	FILE NO. 24-7613
DATE 11/06/06		BOOK NO. PEO-7&13
CHECKED BY RGD		SHEET NO. 23 OF 44



P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	ILLINOIS	44	24
STA. 77+00		TO STA. 89+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA		CONTRACT NO. 89395		



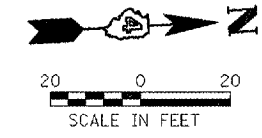
- ① 24" SOLID WHITE THERMOPLASTIC STOP BAR
- ② 6" SOLID WHITE THERMOPLASTIC CROSSWALK LINES STRIPED 7' WIDE
- ③ 6" SOLID DOUBLE YELLOW THERMOPLASTIC LINE (SEE DETAIL NO. 1 OR NO. 3)
- ④ WHITE THERMOPLASTIC PAVEMENT MARKING SYMBOL (LARGE SIZE)
SEE STATE STANDARD 780001-01
- ⑤ 8" WHITE THERMOPLASTIC PAVEMENT MARKING LINE
- ⑥ 8" WHITE THERMOPLASTIC PAVEMENT MARKING LINE, 2' LONG, 6' GAP
- ⑦ 6" YELLOW THERMOPLASTIC PAVEMENT MARKING LINE, 10' LONG, 30' GAP
- ⑧ 12" SOLID YELLOW THERMOPLASTIC DIAGONAL LINES AT 20' C-C (SEE DETAIL 2)
- ⑨ 6" SOLID YELLOW THERMOPLASTIC LINE
- ⑩ YELLOW PAINT PAVEMENT MARKING SYMBOL (LARGE SIZE) SEE STATE STANDARD 780001-01
- ⑪ 12" SOLID WHITE THERMOPLASTIC TRANSVERSE LINES @ 3' C-C
- RELOCATED STOP SIGN
- ⑫ 8" SOLID YELLOW PAINT PAVEMENT MARKING LINE
- ⑬ 12" SOLID YELLOW PAINT PAVEMENT MARKING LINE



- NOTES:**
- PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT, NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGES OF CENTER LINE OR LANE LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
 - THE CONTRACTOR SHALL CONTACT THE CITY OF FARMINGTON PRIOR TO RELOCATION OF STOP SIGNS.
 - THE CITY SHALL FURNISH AND INSTALL ANY NEW APPLICABLE PARKING, CROSSWALK, 30 MPH SPEED LIMIT, AND OTHER TRAFFIC CONTROL SIGNS AS REQUIRED IN ACCORDANCE WITH THE MUTCD MANUAL. ALL SIGNS SHALL BE RELOCATED AND IN PLACE PRIOR TO OPENING THE STREET TO TRAFFIC.
 - SEE THE TYPICAL ROADWAY SECTION FOR OTHER DETAILS.

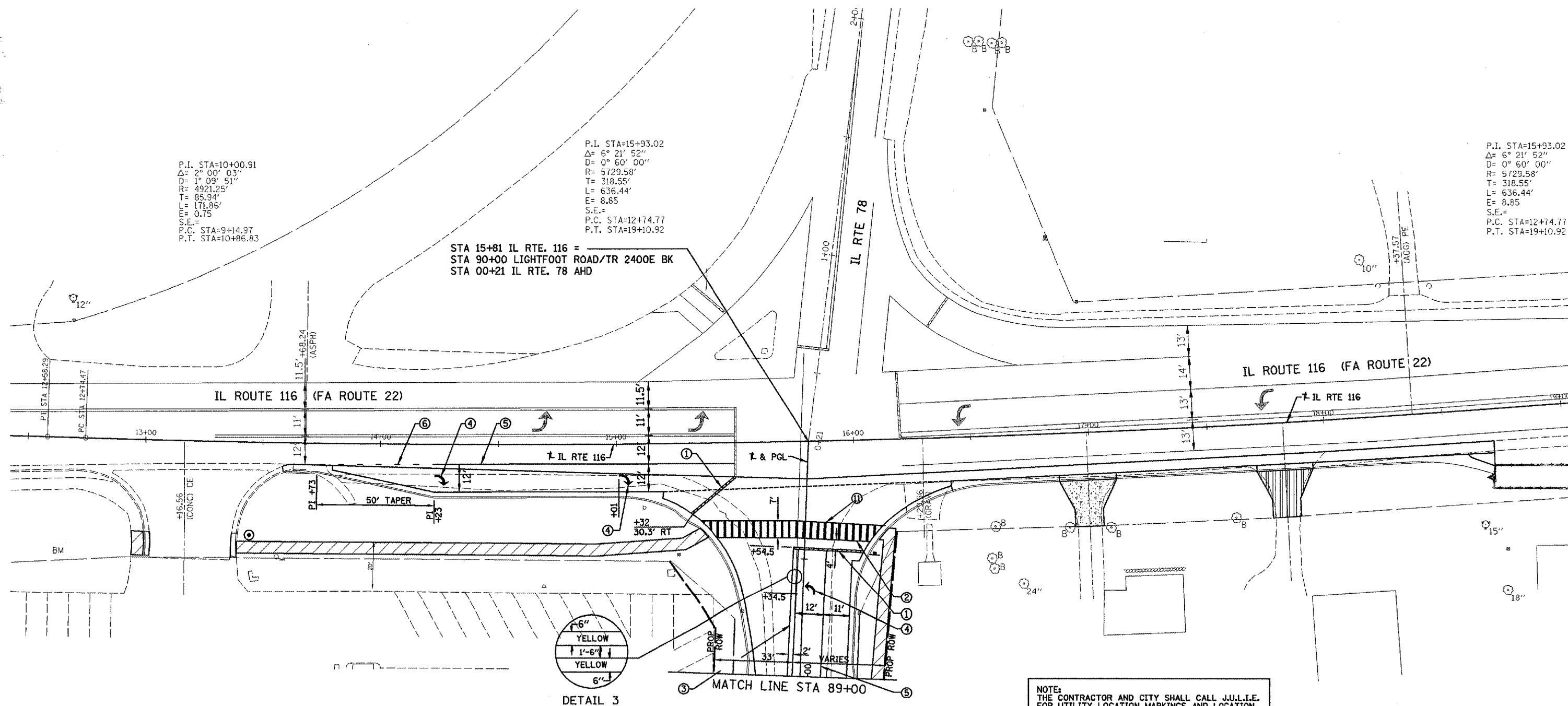
CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

PAVEMENT MARKING PLAN



GROUP BY DRR	<p>2709 S. State Street Bloomington, Illinois 61706 309/833-0436, 309/833-0570 FAX</p>	FILE NO. 24-7613
DATE 11/06/06		BOOK NO. PEO-7&13
CHECKED BY RCD		SHEET NO. 24 OF 44

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	25
STA. 89+00		TO STA. 90+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FULTON & PEORIA				
CONTRACT NO. 89395				

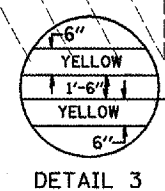


P.I. STA=10+00.91
 $\Delta = 2^\circ 00' 03''$
 $D = 1^\circ 09' 51''$
 $R = 4921.25'$
 $T = 85.94'$
 $L = 171.86'$
 $E = 0.75$
 $S.E. =$
P.C. STA=9+14.97
P.T. STA=10+86.83

P.I. STA=15+93.02
 $\Delta = 6^\circ 21' 52''$
 $D = 0^\circ 60' 00''$
 $R = 5729.58'$
 $T = 318.55'$
 $L = 636.44'$
 $E = 8.85$
 $S.E. =$
P.C. STA=12+74.77
P.T. STA=19+10.92

P.I. STA=15+93.02
 $\Delta = 6^\circ 21' 52''$
 $D = 0^\circ 60' 00''$
 $R = 5729.58'$
 $T = 318.55'$
 $L = 636.44'$
 $E = 8.85$
 $S.E. =$
P.C. STA=12+74.77
P.T. STA=19+10.92

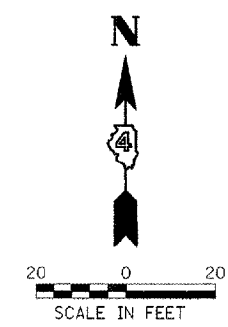
STA 15+81 IL RTE. 116 =
 STA 90+00 LIGHTFOOT ROAD/TR 2400E BK
 STA 00+21 IL RTE. 78 AHD



NOTE:
 THE CONTRACTOR AND CITY SHALL CALL J.U.L.I.E.
 FOR UTILITY LOCATION MARKINGS AND LOCATION
 PRIOR TO INSTALLING SIGN POSTS.

- ① 24" SOLID WHITE THERMOPLASTIC STOP BAR
- ② 6" SOLID WHITE THERMOPLASTIC CROSSWALK LINES STRIPED 7' WIDE
- ③ 6" SOLID DOUBLE YELLOW THERMOPLASTIC LINE (SEE DETAIL NO. 1 OR NO. 3)
- ④ WHITE THERMOPLASTIC PAVEMENT MARKING SYMBOL (LARGE SIZE)
SEE STATE STANDARD 780001-01
- ⑤ 8" WHITE THERMOPLASTIC PAVEMENT MARKING LINE
- ⑥ 8" WHITE THERMOPLASTIC PAVEMENT MARKING LINE, 2' LONG, 6' GAP
- ⑦ 6" YELLOW THERMOPLASTIC PAVEMENT MARKING LINE, 10' LONG, 30' GAP
- ⑧ 12" SOLID YELLOW THERMOPLASTIC DIAGONAL LINES AT 20' C-C (SEE DETAIL 2)
- ⑨ 6" SOLID YELLOW THERMOPLASTIC LINE
- ⑩ YELLOW PAINT PAVEMENT MARKING SYMBOL (LARGE SIZE) SEE STATE STANDARD 780001-01
- ⑪ 12" SOLID WHITE THERMOPLASTIC TRANSVERSE LINES @ 3' C-C
- ← RELOCATED STOP SIGN
- ⑫ 8" SOLID YELLOW PAINT PAVEMENT MARKING LINE
- ⑬ 12" SOLID YELLOW PAINT PAVEMENT MARKING LINE

- NOTES:
1. PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT, NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGES OF CENTER LINE OR LANE LINES SHALL BE OFFSET A MINIMUM OF 2" FROM A LONGITUDINAL CRACK OR JOINT.
 2. THE CONTRACTOR SHALL CONTACT THE CITY OF FARMINGTON PRIOR TO RELOCATION OF STOP SIGNS.
 3. THE CITY SHALL FURNISH AND INSTALL ANY NEW APPLICABLE PARKING, CROSSWALK, 30 MPH SPEED LIMIT, AND OTHER TRAFFIC CONTROL SIGNS AS REQUIRED IN ACCORDANCE WITH THE MUTCD MANUAL. ALL SIGNS SHALL BE RELOCATED AND IN PLACE PRIOR TO OPENING THE STREET TO TRAFFIC.
 4. SEE THE TYPICAL ROADWAY SECTION FOR OTHER DETAILS.

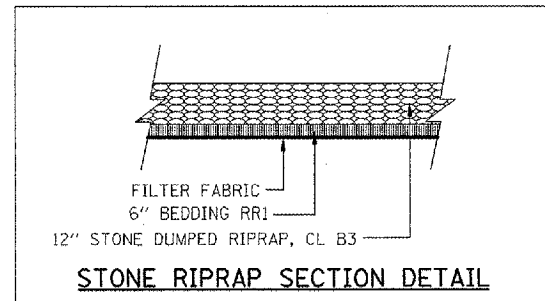


CITY OF FARMINGTON, ILLINOIS
 LIGHTFOOT ROAD - 2400E
 SECTION 05-00030-01-FP

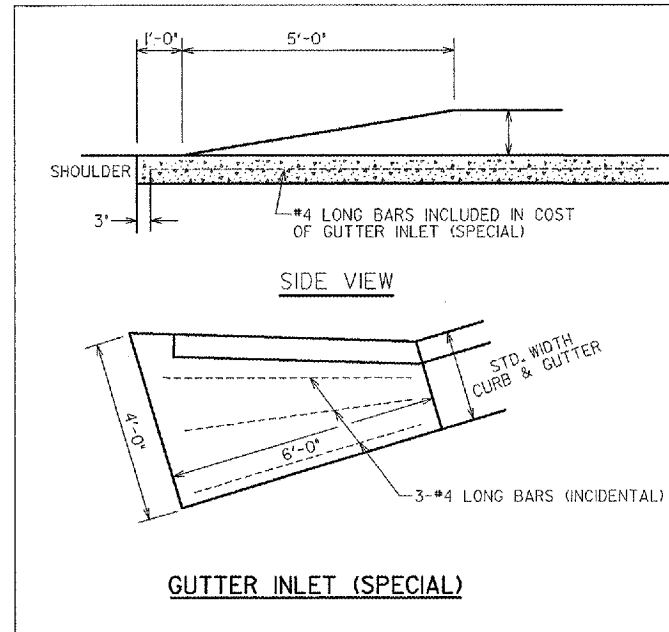
PAVEMENT MARKING PLAN

Drawn by DRR		FILE NO. 24-7613
Date 11/06/06		BOOK NO. PEO-7&13
Checked by DRR		SHEET NO. 25 OF 44

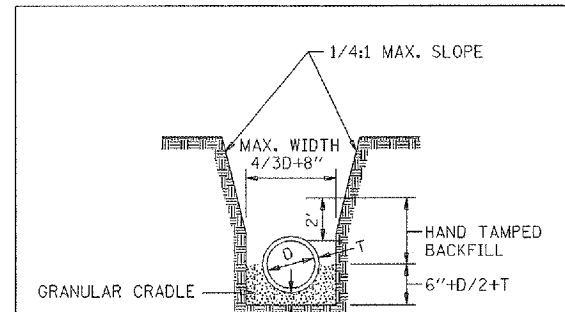
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	26
STA. 87+20.50		TO STA. 89+83.95		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FULTON & PEORIA				
CONTRACT NO. 89395				



STONE RIPRAP SECTION DETAIL

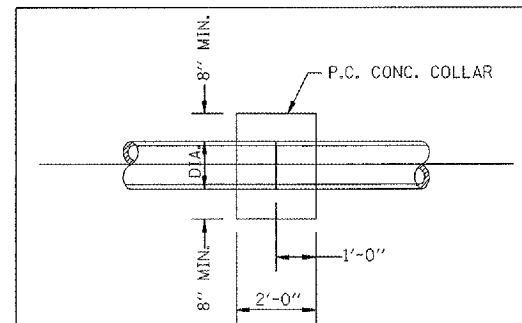


GUTTER INLET (SPECIAL)

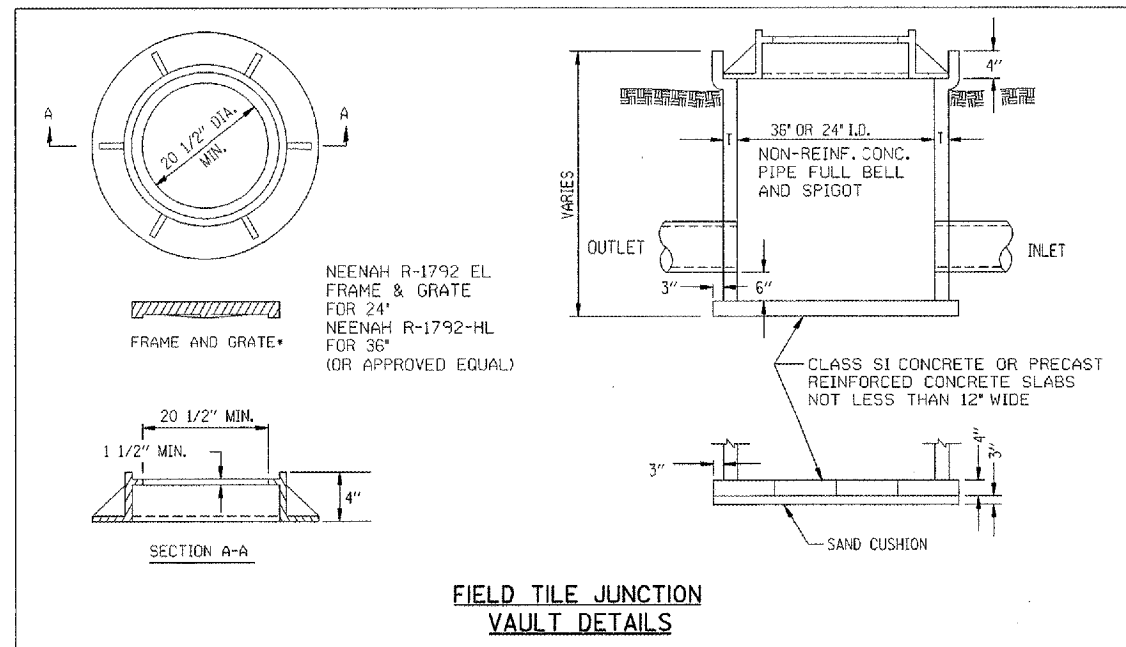


PIPE BEDDING & EXCAVATION DETAIL

• UNDER AND WITHIN 2' OF PAVEMENT, CURB & GUTTER, AND SIDEWALK TRENCH BACKFILL SHALL BE PLACED FROM THE CENTER OF THE PIPE UP TO THE TOP OF THE SUBGRADE



CONCRETE COLLAR DETAIL



FIELD TILE JUNCTION VAULT DETAILS

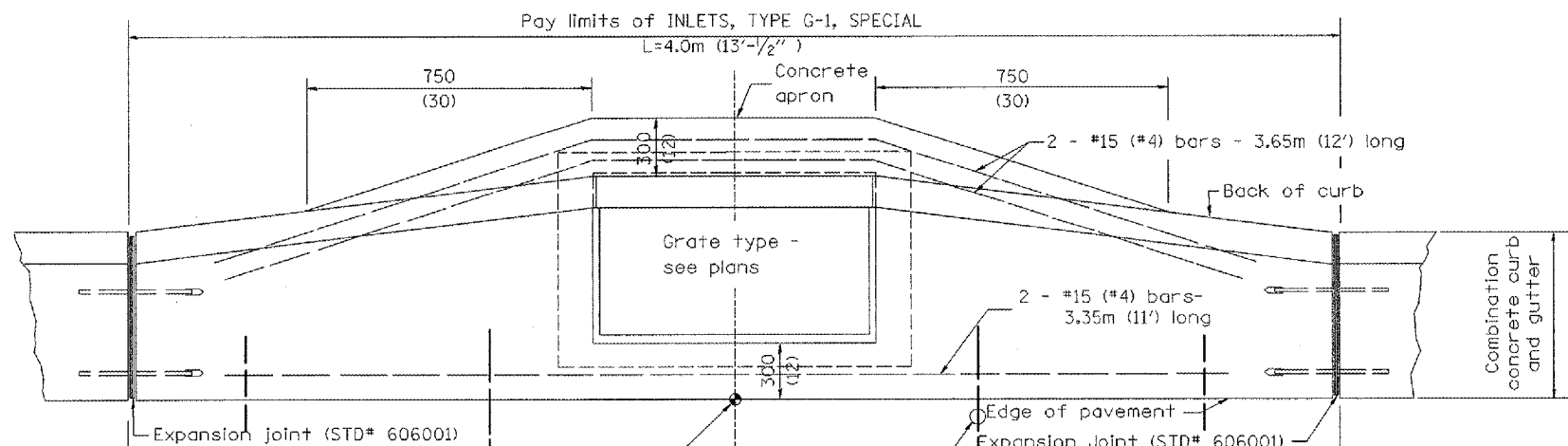
CITY OF FARMINGTON, ILLINOIS
LIGHTFOOT ROAD - 2400E
SECTION 05-00030-01-FP

MISCELLANEOUS
ROADWAY DETAILS

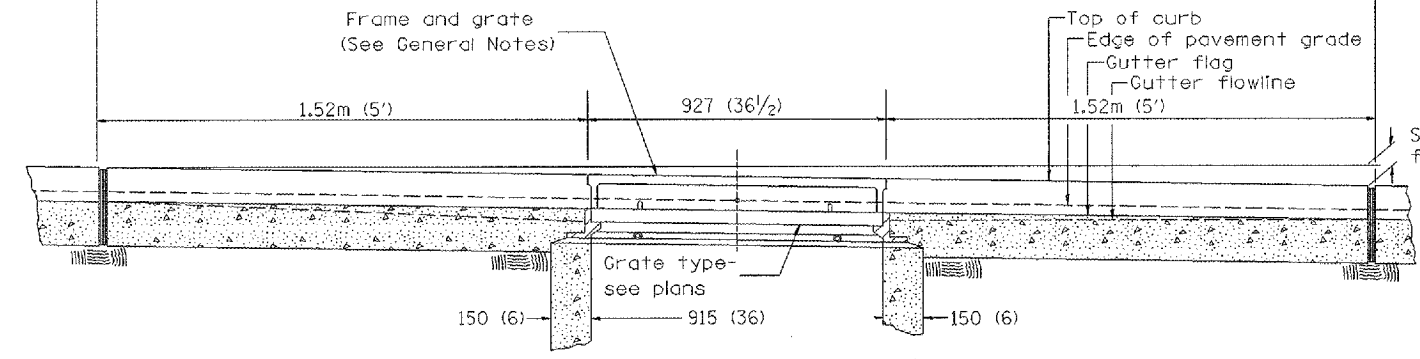
DRAWN BY DRR	FILE NO. 24-7613
DATE 11/06/06	BOOK NO. PEO-7&13
CHECKED BY RCD	SHEET NO. 26 of 44

Farnsworth GROUP
2760 McDermott Drive
Bloomington, Illinois 61704
309/888-8156 FAX 309/888-1675

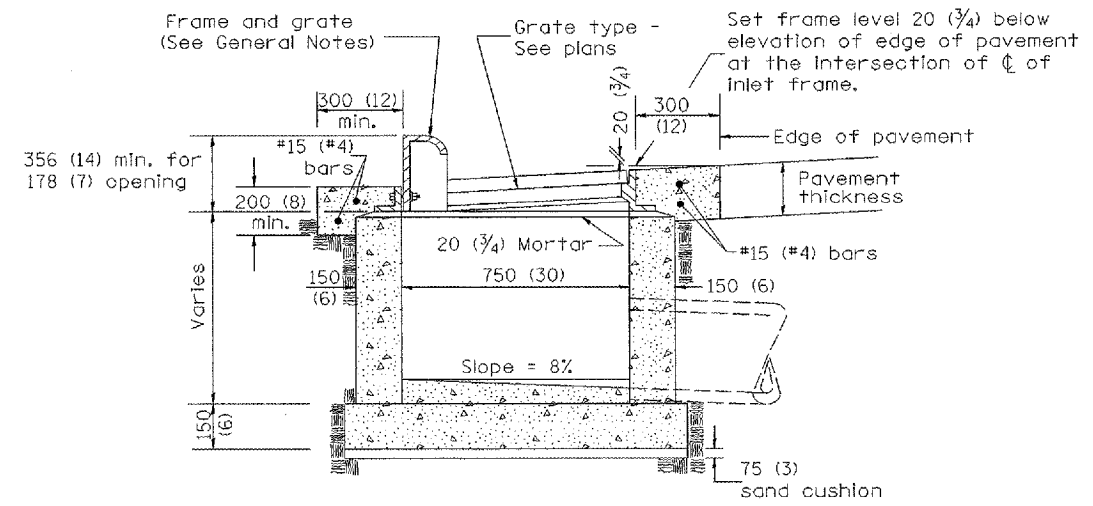
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-PP	*	44	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				



PLAN



ELEVATION (FRONT)



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.
2. Include State Standard 420001 for pavement joints.
3. Include District CADD Standard for frame and grates.
4. Include District Special Provision. Pay item includes transitional c.c.c & g., inlet and frame and grate. All work within pay limits.
5. Specify grate type in plans.

DATE

All dimensions are in millimeters (inches) unless otherwise noted.

**ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD**

**INLETS, TYPE G-1,
SPECIAL**

CADD STANDARD 602006-D4

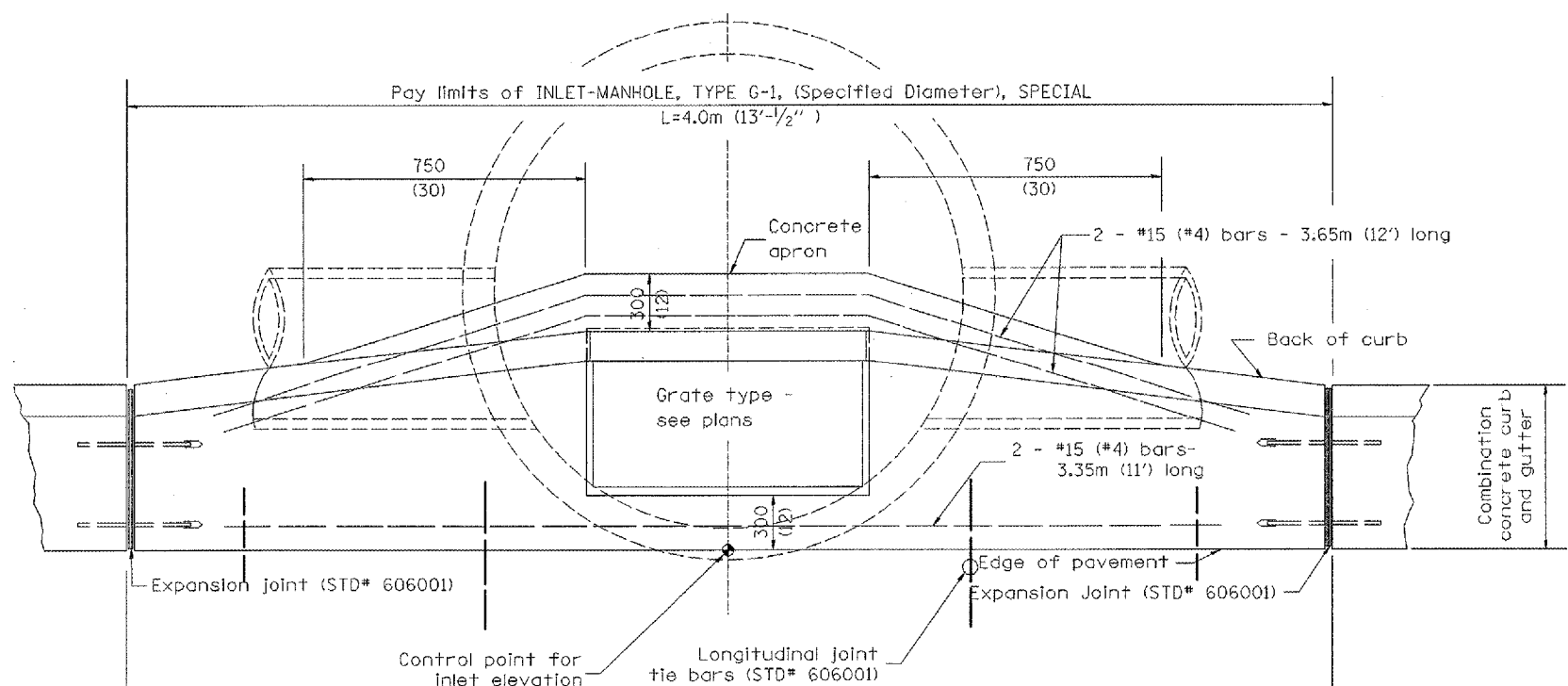
SCALE NOT TO SCALE DRAWN BY CADD
DATE DATE CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.02, NEW REVISION BOX	
12-1-98	CORRECT E. O. P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.

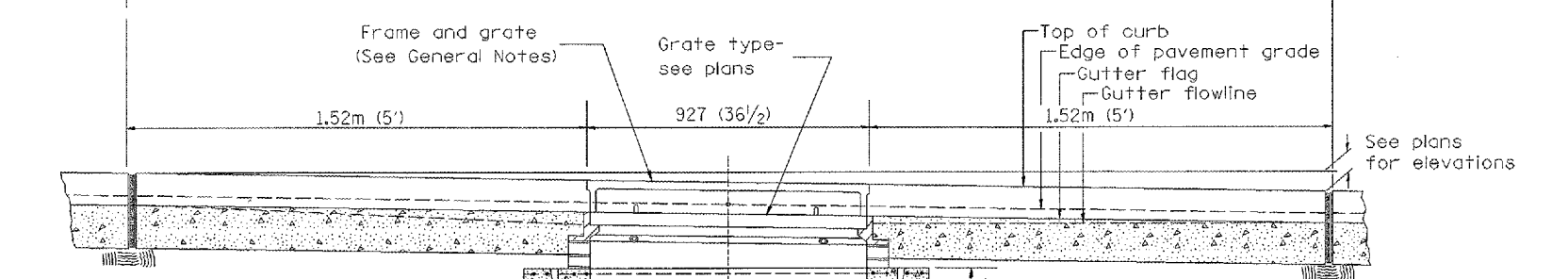
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FULTON & PEORIA
CONTRACT NO. 89395

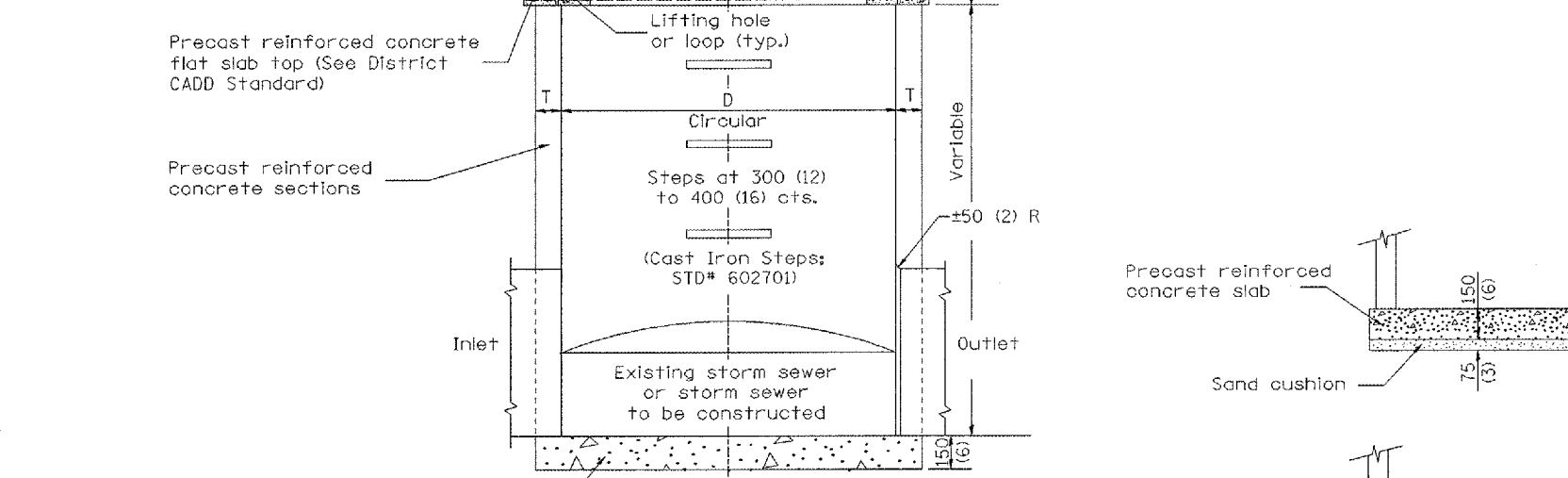
Set frame level $20 \frac{3}{4}$ below elevation of edge of pavement at the intersection of ϕ of inlet frame.



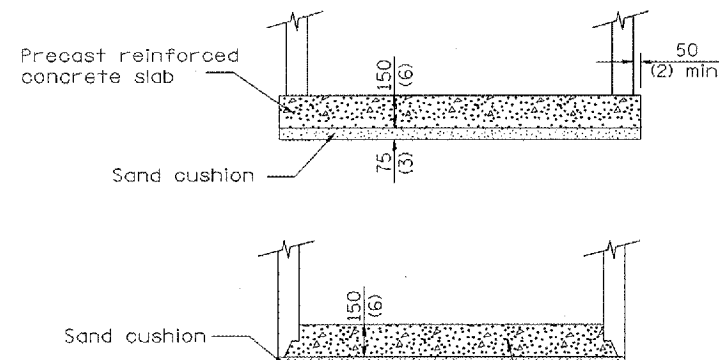
PLAN



ELEVATION (SIDE)

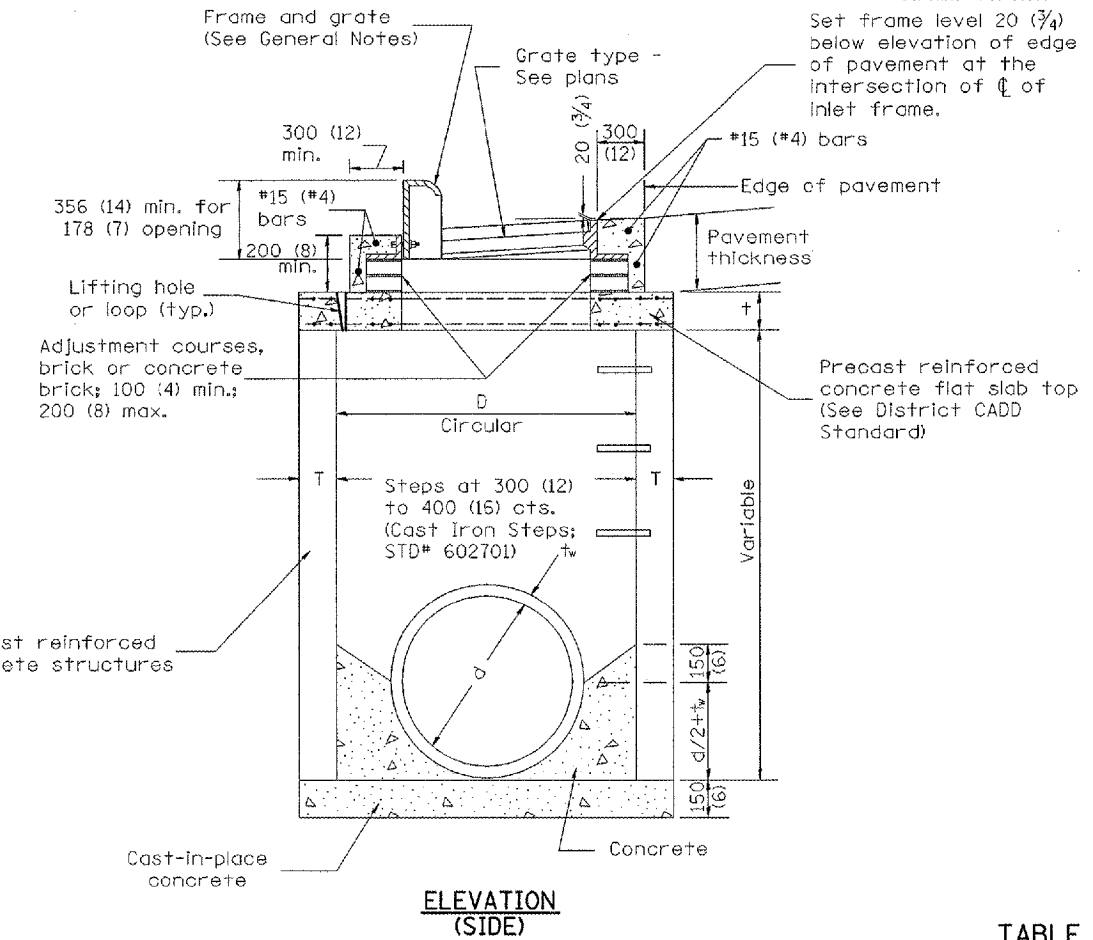


ELEVATION (FRONT)



Prefabricated concrete slab, when the precast reinforced concrete section alternate is used.

ALTERNATE BOTTOM SLAB



ELEVATION (SIDE)

TABLE

D	T	†
1.2m (4')	125 (5)	150 (6)
1.5m (5')	150 (6)	200 (8)
1.8m (6')	195 (7 3/4)	200 (8)
2.4m (8')	225 (9)	250 (10)

GENERAL NOTES

1. Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.
4. See District CADD Standard for precast reinforced concrete flat slab top.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

INLET-MANHOLE,
TYPE G-1, SPECIAL

CADD STANDARD 602026-D4

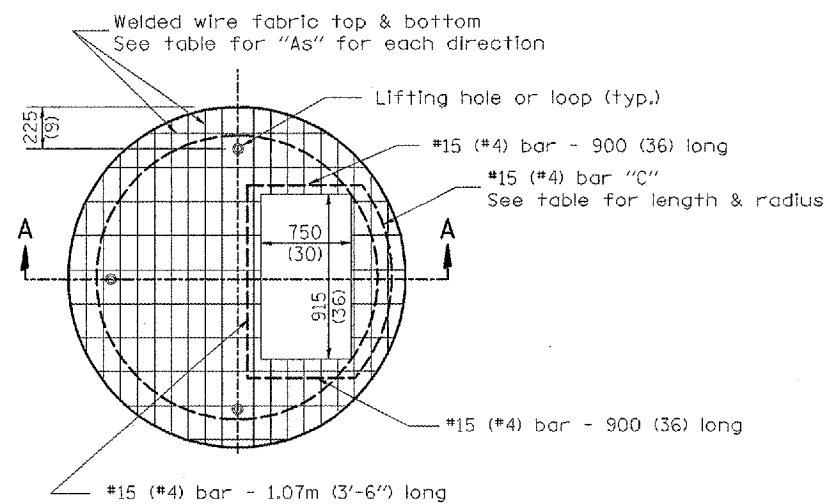
SCALE NOT TO SCALE
DATE ##DATE## DRAWN BY CADD
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.06, NEW REVISION BOX	T.P.
12-1-98	CORRECT E. O. P. NOTE	J.A.
10-99	REVISION TO GENERAL NOTES	J.A.

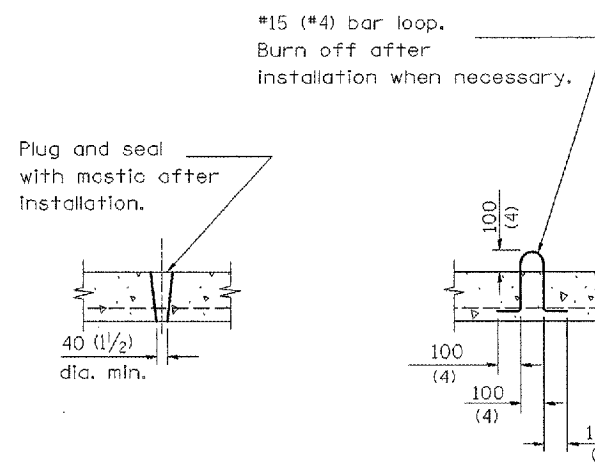
Include State STD# 606001 for combination concrete curb and gutter details.
 Include State STD# 420001 for pavement joints.
 Include State STD# 602701 for cast iron steps.
 Include District CADD Standard for frame and grates.
 Include District CADD Standard for precast reinforced concrete flat slab top.
 Include District CADD Standard for precast reinforced concrete curb and gutter.
 Include District CADD Standard for combination concrete curb and gutter.
 Specify diameter of inlet - manhole, flat slab top, transitional c.c.c.&g. and frame and grate. All work within pay limits.
 Specify grate type in plans.

DESIGNER NOTES:
1.
2.
3.
4.
5.
6.
7.
8.
##DATE##

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				

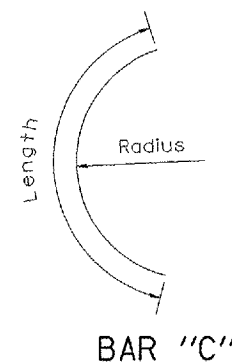


PLAN



LIFTING HOLE OR LIFTING LOOP
TYPICAL

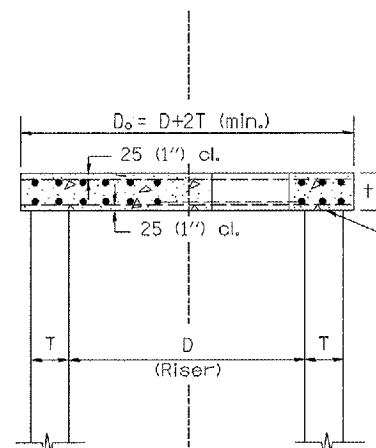
(3 required per slab)



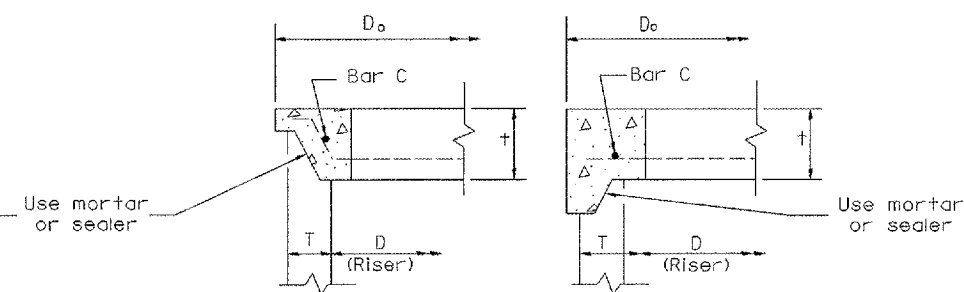
BAR "C"

TABLE

D	T	D _o (min.)	t	Reinforcement "As" W.W.F. each direction	Bar size	No. 15 (No. 4) Bar C	
						Length	Radius
1.2m (4')	125 (5)	1.5m (4'-10")	150 (6)	1480mm ³ / _m (0.70 sq. inch/lin. ft.)	No. 15 (No. 5)	1.35m (4'-6")	660 (26)
1.5m (5')	150 (6)	1.8m (6'-0")	200 (8)	1480mm ³ / _m (0.70 sq. inch/lin. ft.)	No. 15 (No. 5)	1.5m (5'-0")	810 (32)
1.8m (6')	195 (7 3/4)	2.2m (7'-3 1/2")	200 (8)	1860mm ³ / _m (0.88 sq. inch/lin. ft.)	No. 20 (No. 6)	1.8m (6'-0")	965 (38)
2.4m (8')	225 (9)	2.9m (9'-6")	250 (10)	1860mm ³ / _m (0.88 sq. inch/lin. ft.)	No. 20 (No. 6)	2.3m (7'-6")	1.27m (4'-2")



SECTION A-A



ALTERNATE JOINT CONFIGURATIONS

GENERAL NOTES

1. The precast reinforced concrete flat slab top shall be used with INLET-MANHOLE, TYPE G-1 and INLET-MANHOLE, TYPE G-1, SPECIAL.
2. Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.
3. Lifting devices shall be approved by the Engineer.

All dimensions are in millimeters (inches) unless otherwise noted.

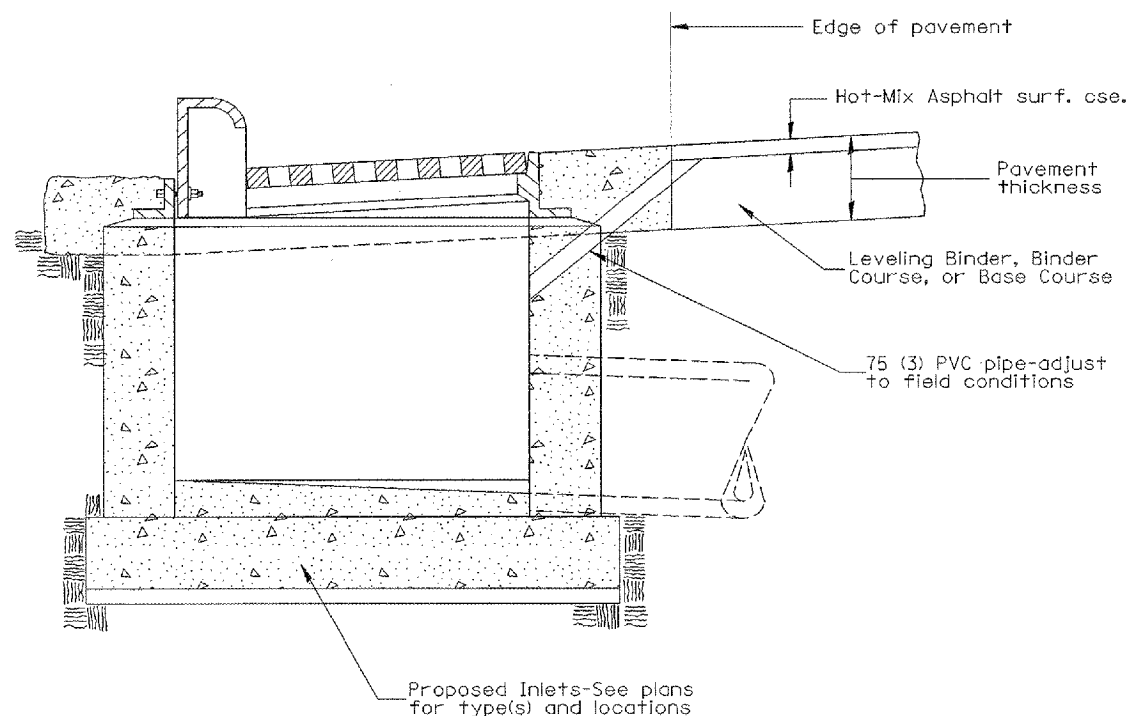
ILLINOIS DEPARTMENT OF TRANSPORTATION		
DISTRICT CADD STANDARD		
PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL		
CADD STANDARD 602101-D4		
SCALE NOT TO SCALE		DRAWN BY CADD
DATE **DATE**		CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.07. NEW REVISION BOX	T.P.

DESIGNER NOTES:
1. Include this standard with Type G-1 and Type G-1, Special Inlet-Manholes.
2. The flat slab top is included in the cost of INLET-MANHOLES as per District Special Provision.

DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* FULTON & PEORIA CONTRACT NO. 89395				



GENERAL NOTES:

1. Temporary Drainage - This work consists of furnishing and installing a 75 (3) PVC pipe in the proposed inlet to facilitate drainage off the pavement prior to the placement of hot-mix asphalt surface course.
2. Adequate pavement drainage shall be maintained during all phases of construction.
3. The PVC pipe is to be filled with mortar prior to surface course placement.
4. This detail applies to all inlet types.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

TEMPORARY INLET
DRAINAGE TREATMENT

CADD STANDARD 602401-D4

SCALE NOT TO SCALE
DATE ##DATE##

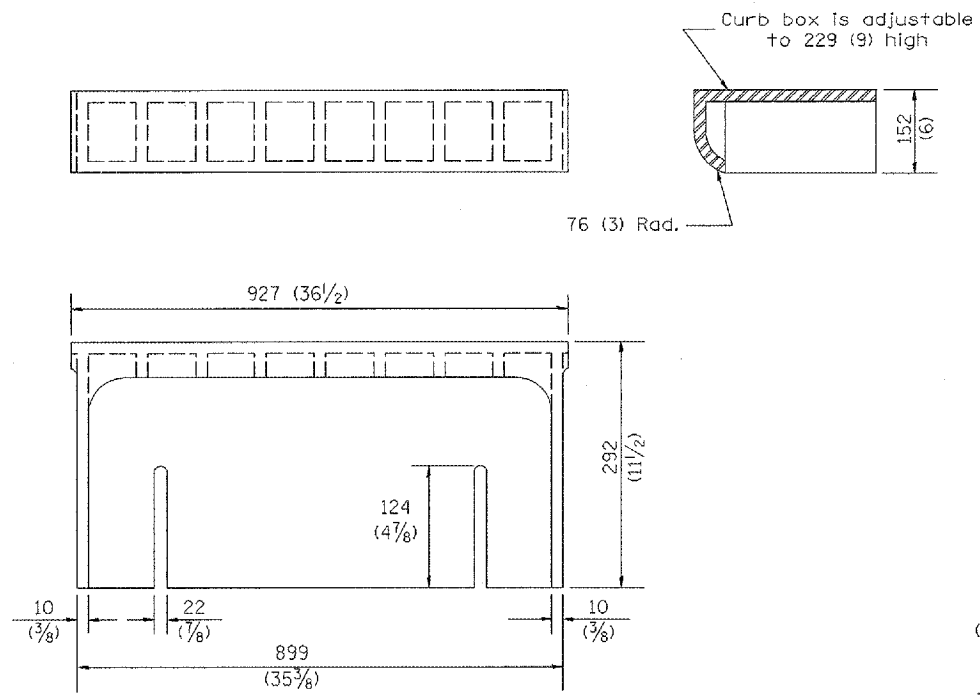
DRAWN BY CADD
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.11. NEW REVISION BOX	T.P.
12-1-98	CORRECT GENERAL NOTE	J.A.

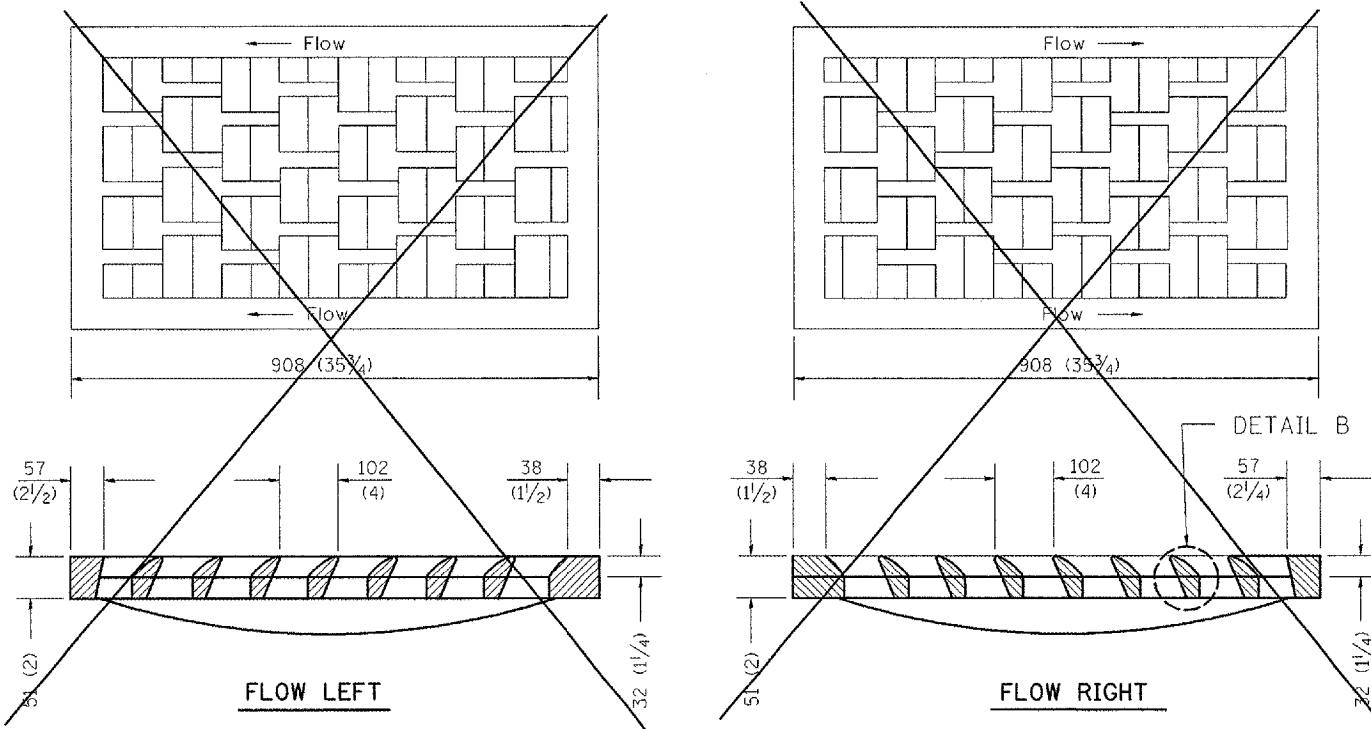
##DATE##

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

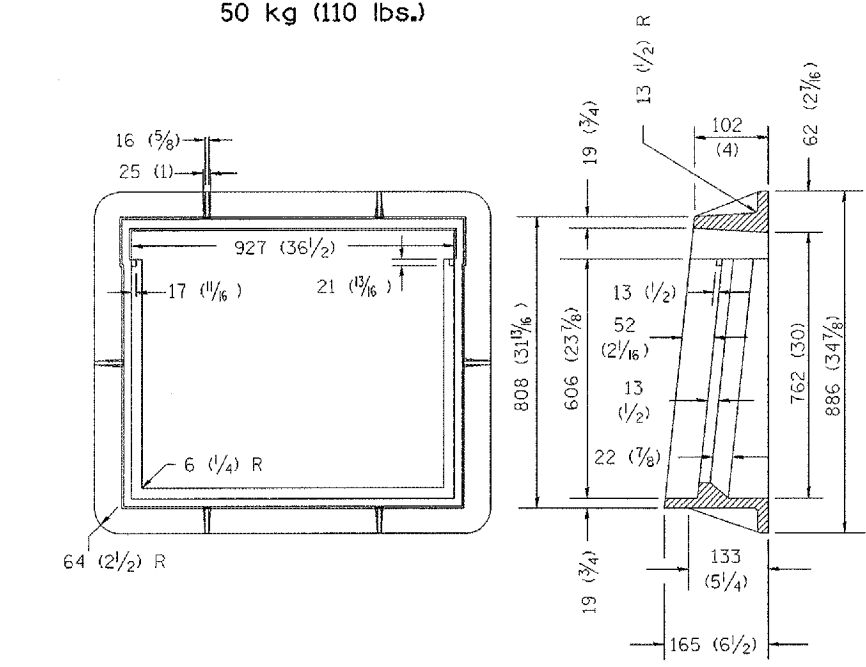
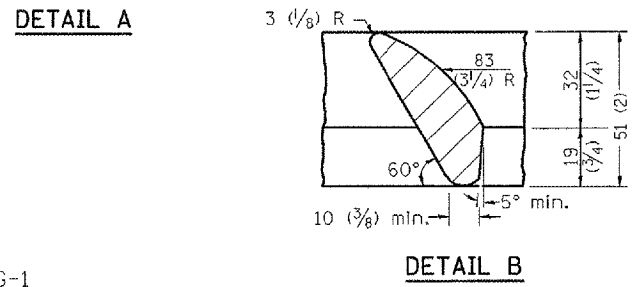
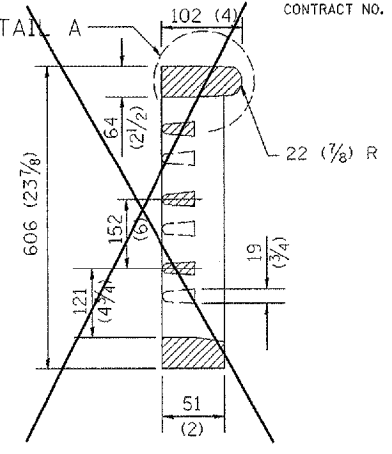
* FULTON & PEORIA
CONTRACT NO. 89395



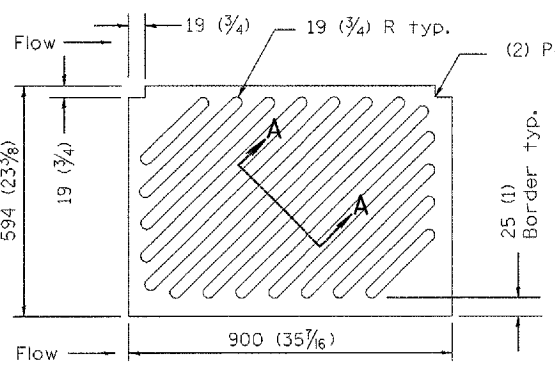
CAST CURB BOX
50 kg (110 lbs.)



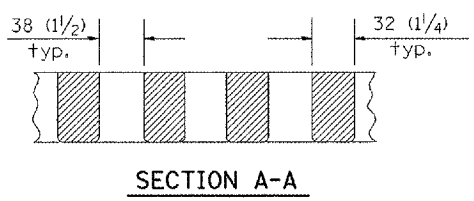
CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
104 KG (230 lbs.)



CAST FRAME
123 kg (271 lbs.)



CAST DIAGONAL GRATE
(Reversible for flow)
98 kg (217 lbs.)



GENERAL NOTES

- The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
- Flow direction: As viewed from street side.
- Material: cast gray iron.

DATE	REVISIONS	BY
1-1-97	RENUM. 8-10.01. NEW REVISION BOX	T.P.

All dimensions are in millimeters (Inches) unless otherwise noted.

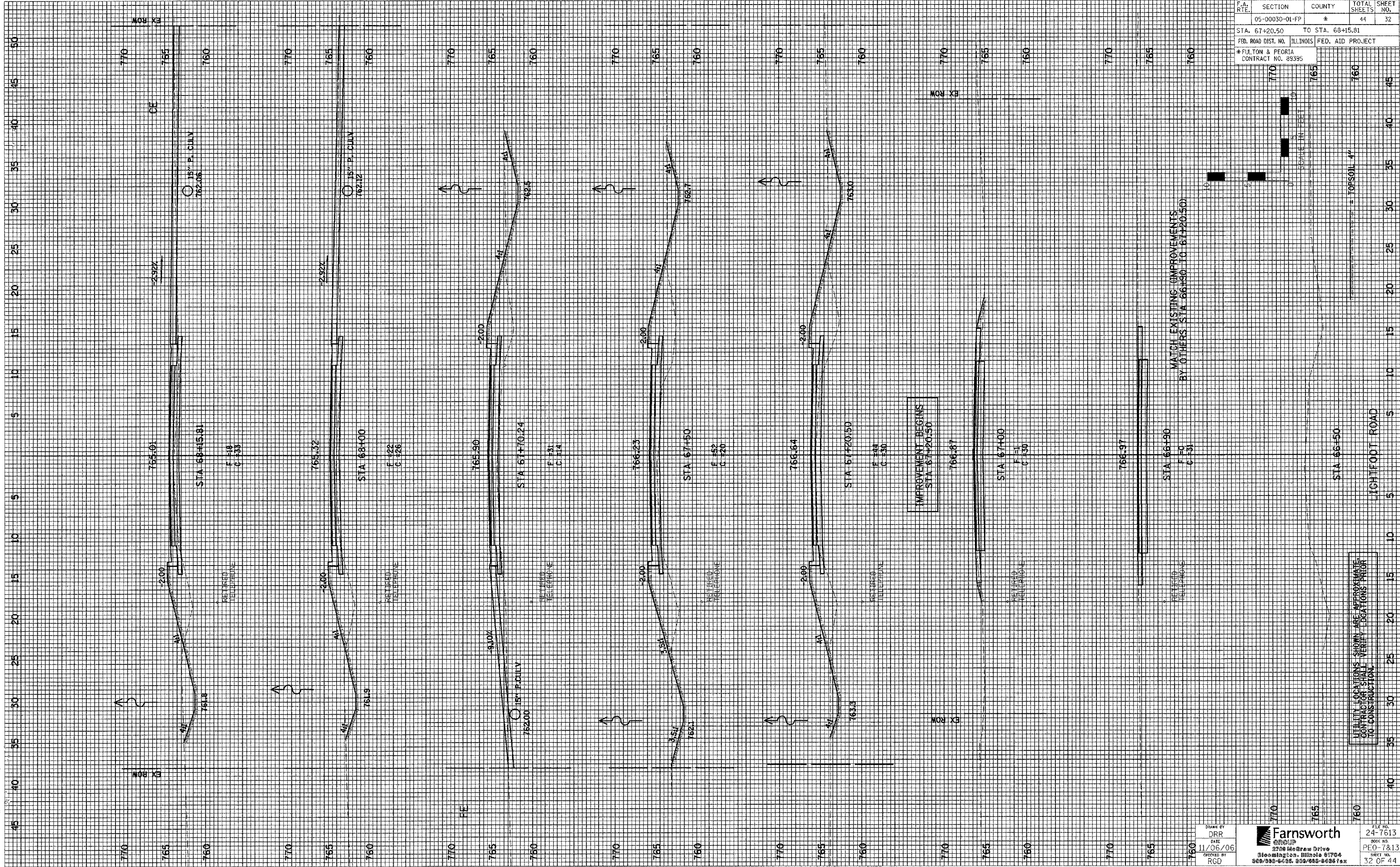
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

**FRAME AND GRATES FOR
TYPE G-1 AND TYPE G-1, SPECIAL
DRAINAGE STRUCTURES**

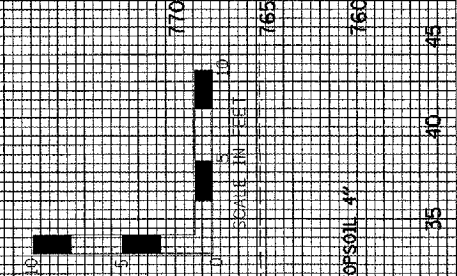
CADD STANDARD 604001-D4
SCALE NOT TO SCALE
DATE ##DATE##

DRAWN BY CADD
CHECKED BY

DESIGNER NOTES: 1. Include this standard with all Type G-1 and Type G-1, Special Drainage Structures.
2. Specify grate types and flow directions in plans.
3. These castings are included in the cost of the drainage structures as per District Special Provision.
4. This drawing based upon "NEENAH" designs as follows:
Inlet Frame: R-3246-A . Curb Box: R-3290
Reversible Diagonal Grate: R-3246-A
Vane Grates: R-3246-AL(Flow left)
R-3246-AL(Flow right)



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	#		44	32
STA. 67+20.50		TO STA. 68+15.81		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*FULTON & PEORIA CONTRACT NO. 89395				



MATCH EXISTING IMPROVEMENTS BY OTHERS STA 66+50 TO 67+20.50

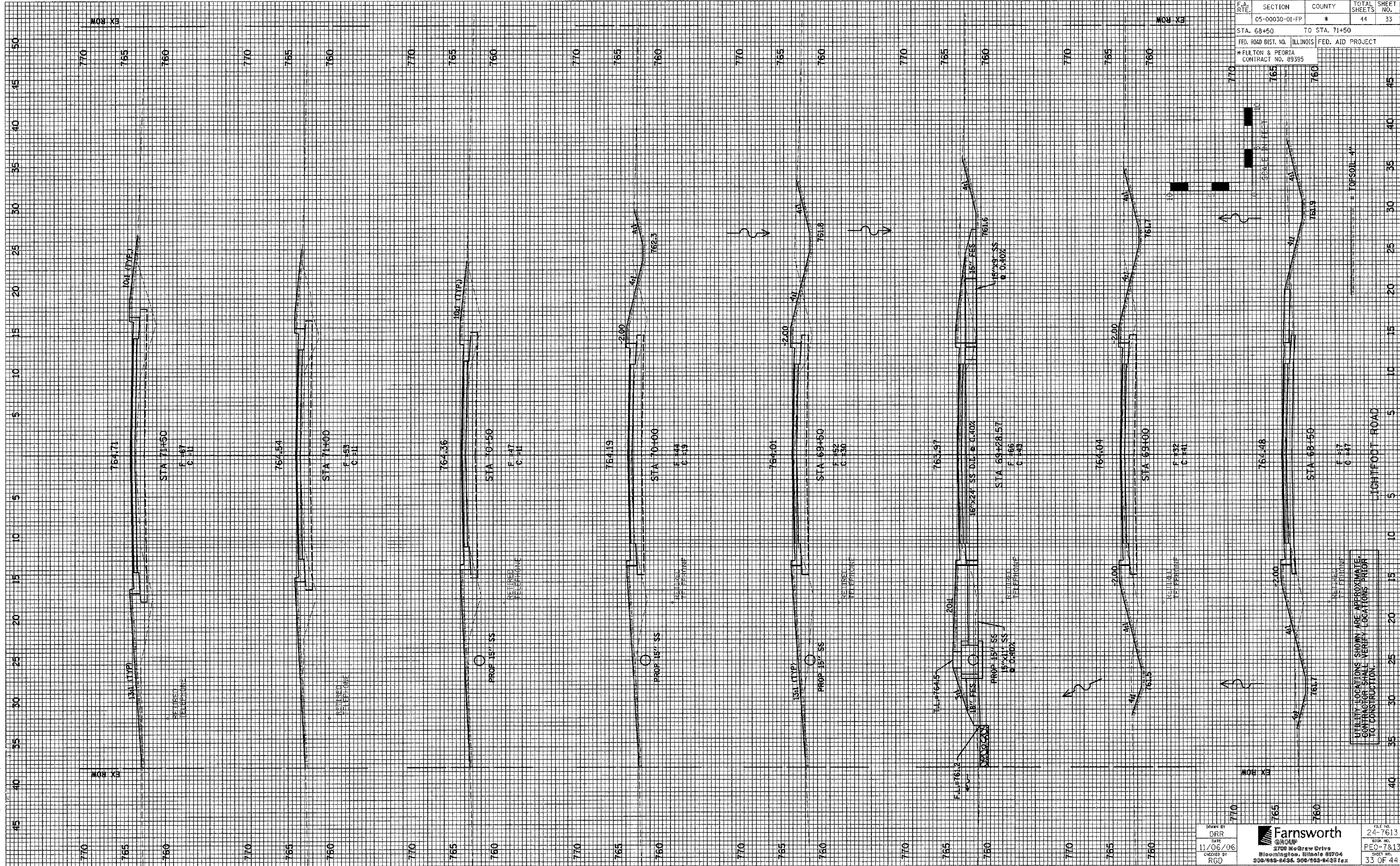
IMPROVEMENT BEGINS STA 67+20.50

UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO CONSTRUCTION.

Drawn by
DRR
DATE
11/06/06
CHECKED BY
RCD

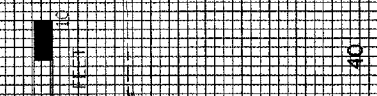
Farnsworth
2300 MacGregor Drive
Bloomington, Illinois 61704
309/395-6455, 309/649-8457 fax

SHEET NO.
24-7613
BOOK NO.
PE0-7813
SHEET NO.
32 OF 44



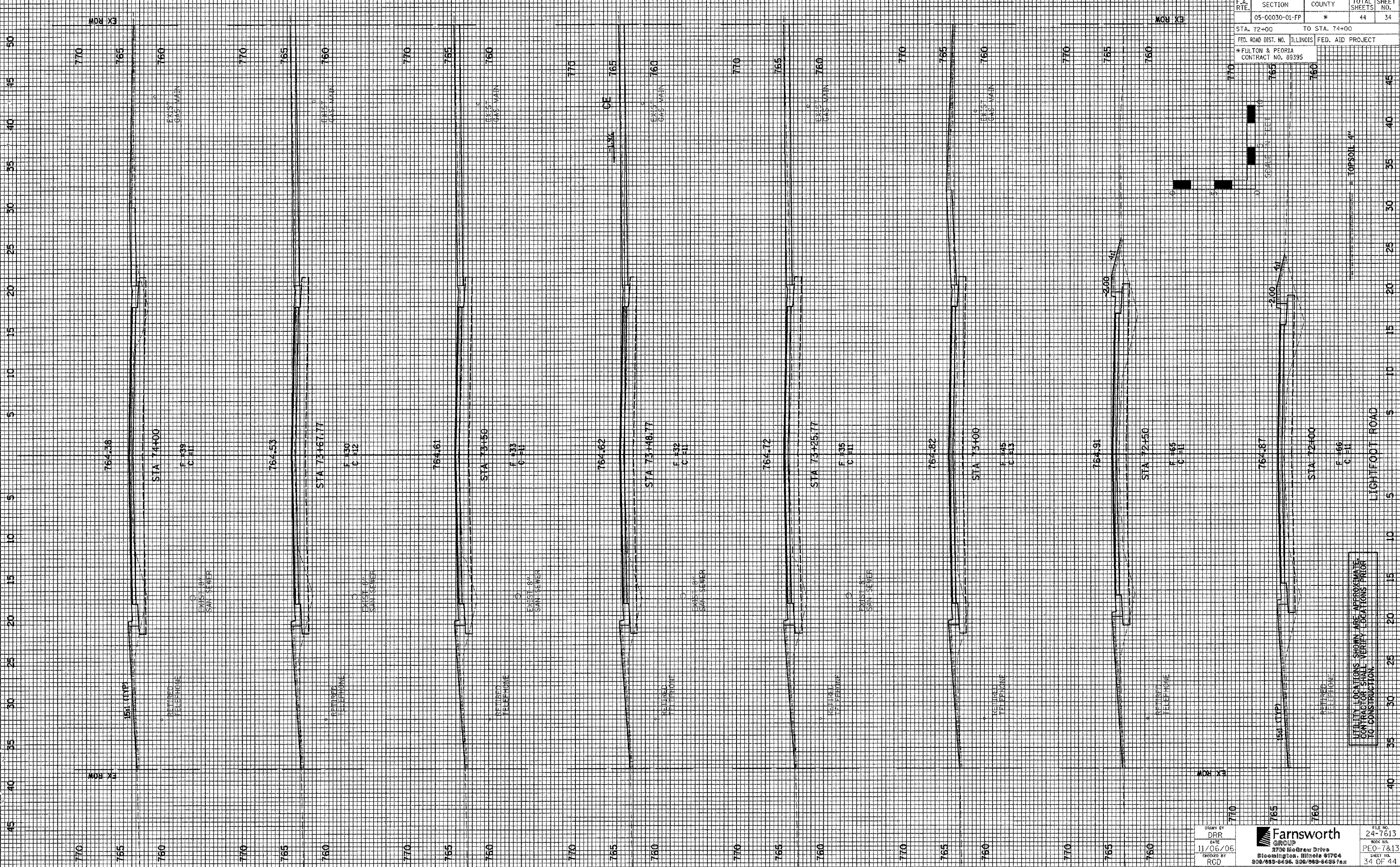
F.A. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	33
STA. 68+50		TO STA. 71+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA		CONTRACT NO. 89395		

SCALE: 1" = 40'



UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO CONSTRUCTION.

DRAWN BY DRG DATE 11/06/06 CHECKED BY RGD	Farnsworth 8700 So. Drew Drive Bloomington, Illinois 61706 309/698-8898, 309/698-6426 fax	FILE NO. 24-1613 BOOK NO. PEO-7813 SHEET NO. 33 OF 44
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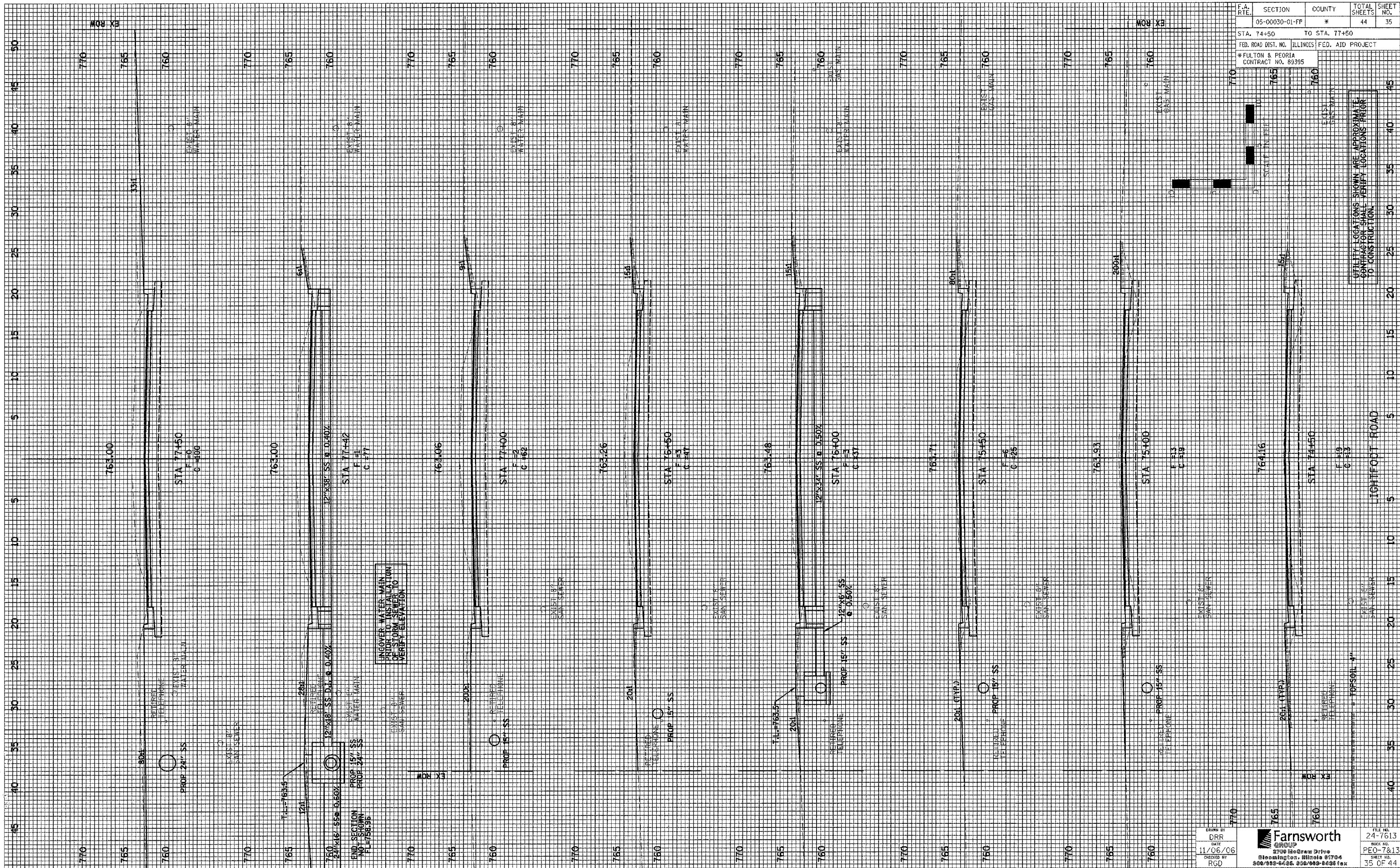


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	*	44	34
STA. 72+00		TO STA. 74+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
* FULTON & PEORIA		CONTRACT NO. 89395		

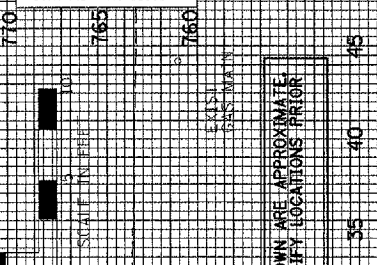
DRAWN BY: DRG
 DATE: 11/06/06
 CHECKED BY: RCD

Farnsworth GROUP
 8700 MacDraw Drive
 Bloomington, Illinois 61704
 800/849-6496, 508/849-6496 fax

FILE NO.: 24-7613
 DRAWING NO.: PE0-7813
 SHEET NO.: 34 OF 44

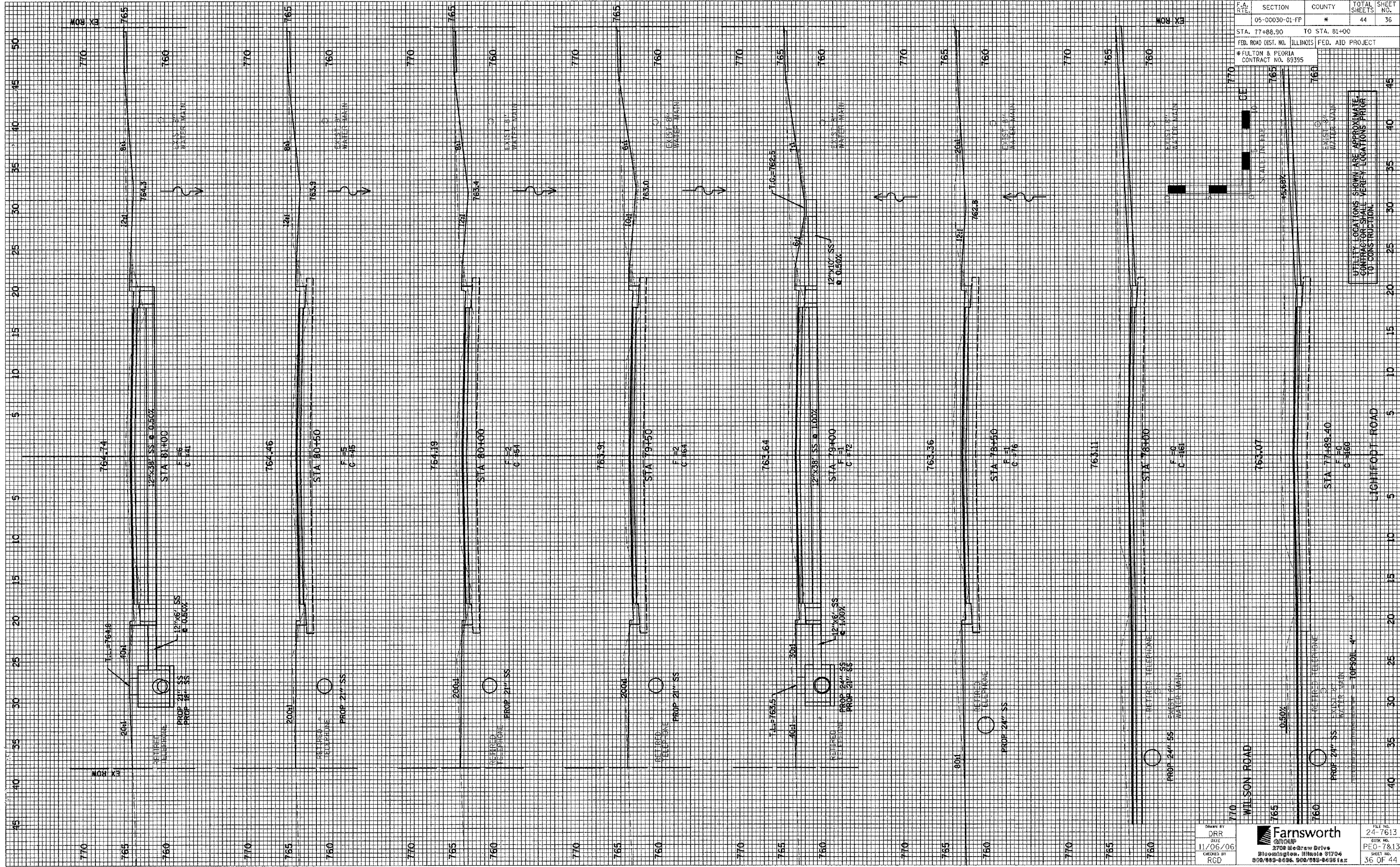


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-PP	*	44	35
STA. 74+50		TO STA. 77+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FULTON & PEORIA CONTRACT NO. 89395				

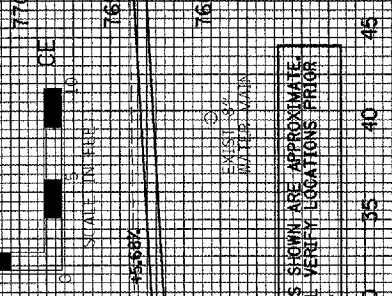


UTILITY LOCATIONS SHOWN ARE APPROXIMATE
CONTRACTOR SHALL VERIFY LOCATIONS PRIOR
TO CONSTRUCTION

DRAWN BY DRR DATE 11/06/06 CHECKED BY RGD	Farnsworth GROUP 2700 McGraw Drive Bloomington, Illinois 61704 309/992-6436 309/992-8226 fax	FILE NO. 24-7613 ROCK NO. PEO-7&13 SHEET NO. 35 OF 44
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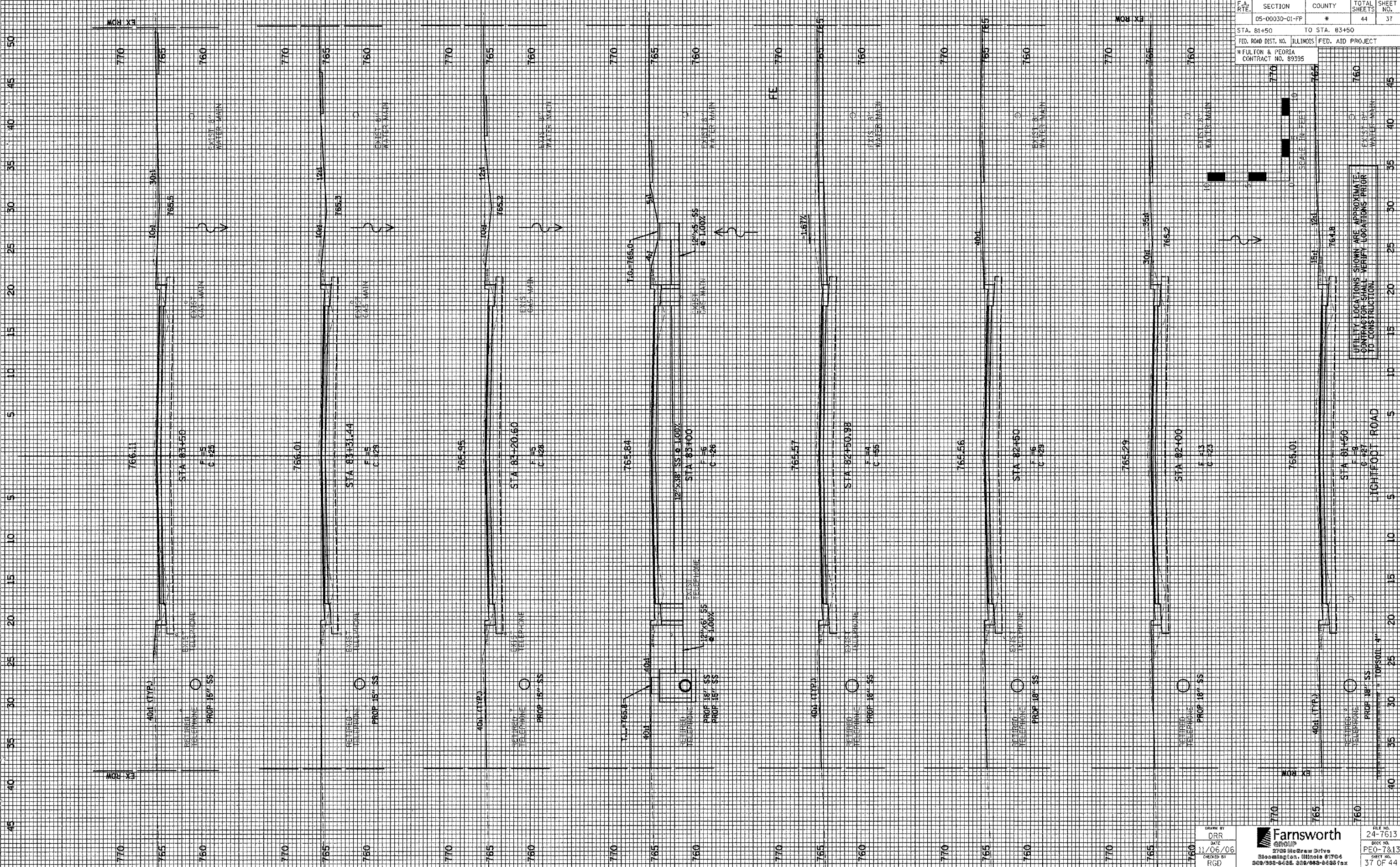


F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	36
STA. 77+88.90		TO STA. 81+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FULTON & PEORIA CONTRACT NO. 89395				

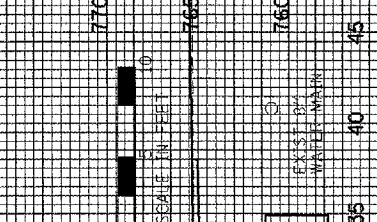


UTILITY LOCATIONS SHOWN ARE APPROXIMATE
CONTRACTOR SHALL VERIFY LOCATIONS PRIOR
TO CONSTRUCTION.

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F.A. ATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-PP	*	44	37
STA. 81+50		TO STA. 83+50		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FULTON & PEORIA CONTRACT NO. 89395				

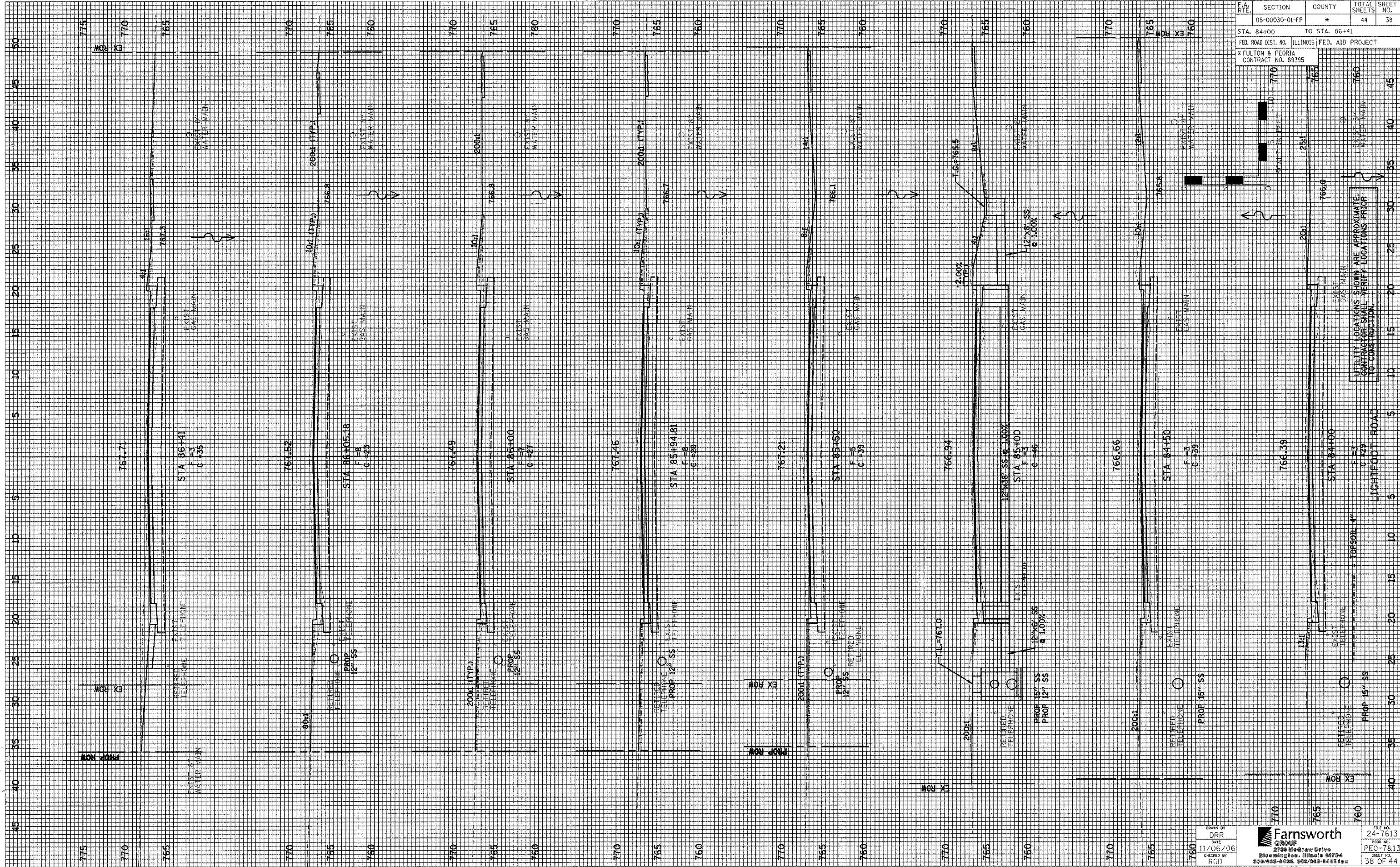


UTILITY LOCATIONS SHOWN ARE APPROXIMATE
CONTRACTOR SHALL VERIFY LOCATIONS PRIOR
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CHECKED BY
RGD

Farnsworth GROUP
2700 McDermott Drive
Bloomington, Illinois 61704
309/935-6488, 309/935-6486 fax

FILE NO.
24-7613
BOOK NO.
PEO-7613
SHEET NO.
37 OF 44



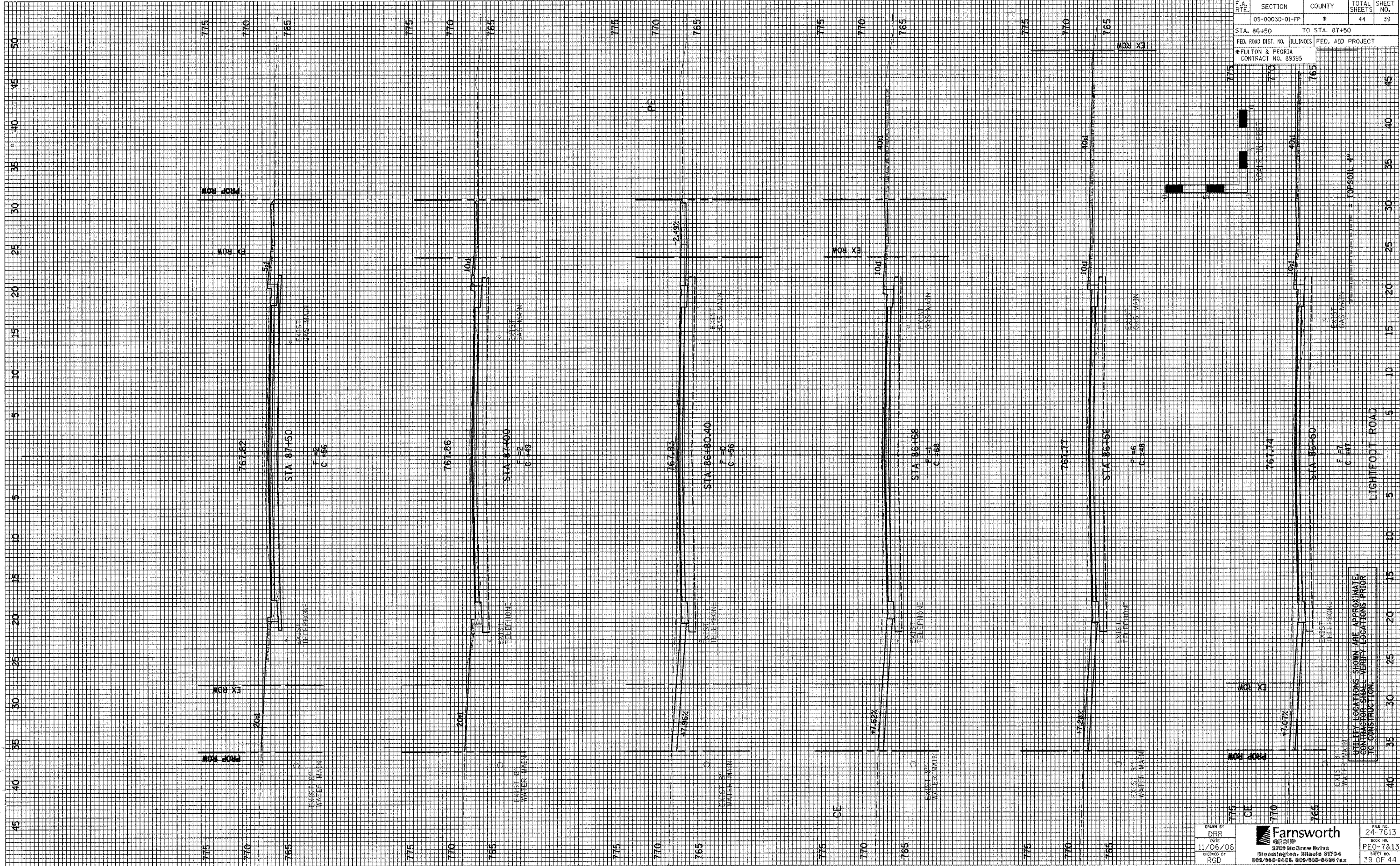
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-PP	*		44	38
STA. 84+00		TO STA. 86+41		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FULTON & PEORIA CONTRACT NO. 89395				

UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO CONSTRUCTION.

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 DATE: 11/06/06
 CHECKED BY: RGD

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 8700 S. Drew Drive
 Bloomington, Illinois 61706
 309/898-8025, 309/898-6025 fax

FILE NO.: 24-7813
 SHEET NO.: PEO-7813
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F.A. R.T.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	41	39
STA. 86+50		TO STA. 87+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
# FULTON & PEORIA		CONTRACT NO. 89395		

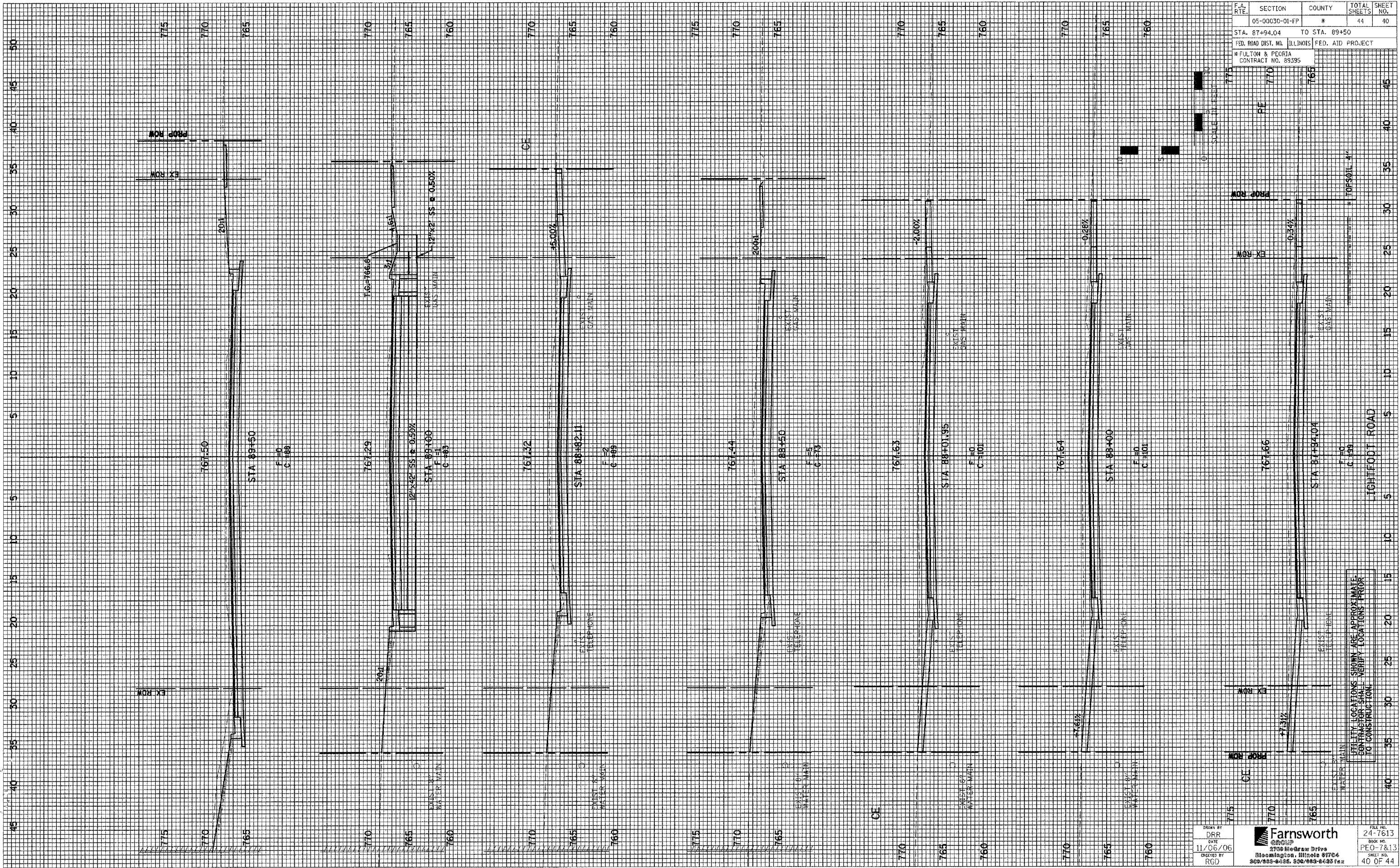
DRAWN BY: DRG
 DATE: 11/06/06
 CHECKED BY: RGD

Farnsworth
 8700 McDrew Drive
 Bloomington, Illinois 61704
 309/899-6636, 309/899-8495 fax

FILE NO.: 24-7813
 BOOK NO.: PE0-7813
 SHEET NO.: 39 OF 44

UTILITY LOCATIONS SHOWN ARE APPROXIMATE
 CONTRACTOR SHALL VERIFY LOCATIONS PRIOR
 TO CONSTRUCTION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-PP	*	44	40
STA. 87+94.04		TO STA. 89+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FULTON & PEORIA		CONTRACT NO. 89395		

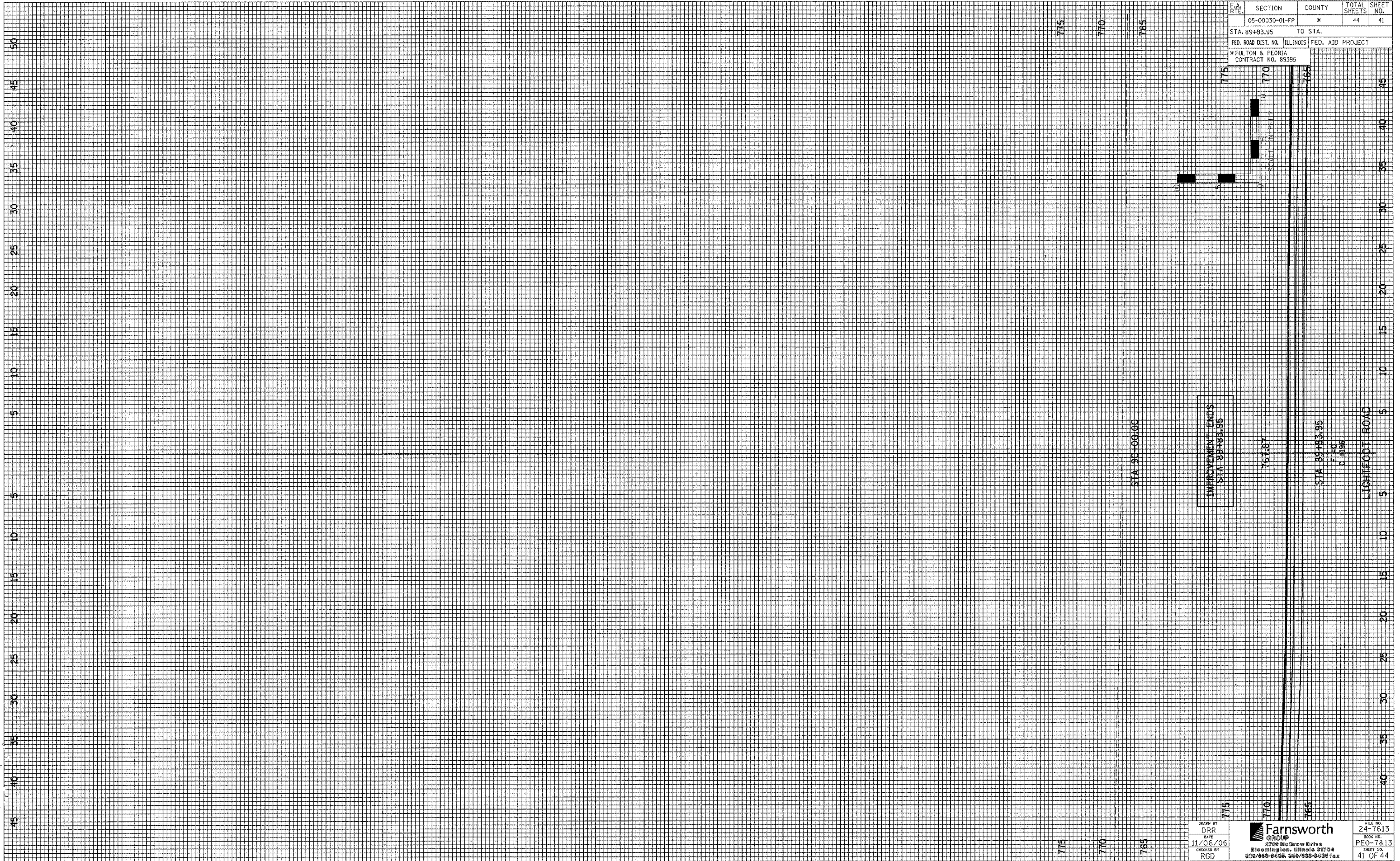


UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO CONSTRUCTION.

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 DATE 11/06/06
 CHECKED BY RGD

Farnsworth
 2700 RedGraw Drive
 Bloomington, Illinois 61704
 309/888-0025, 309/888-6433 fax

FILE NO. 24-7613
 BOOK NO. PEO-7&13
 SHEET NO. 40 OF 44



F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00030-01-FP	*	44	41
STA. 89+83.95		TO STA.		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
* FULTON & FLORIDA CONTRACT NO. 89395				

IMPROVEMENT ENDS
STA 89+83.95

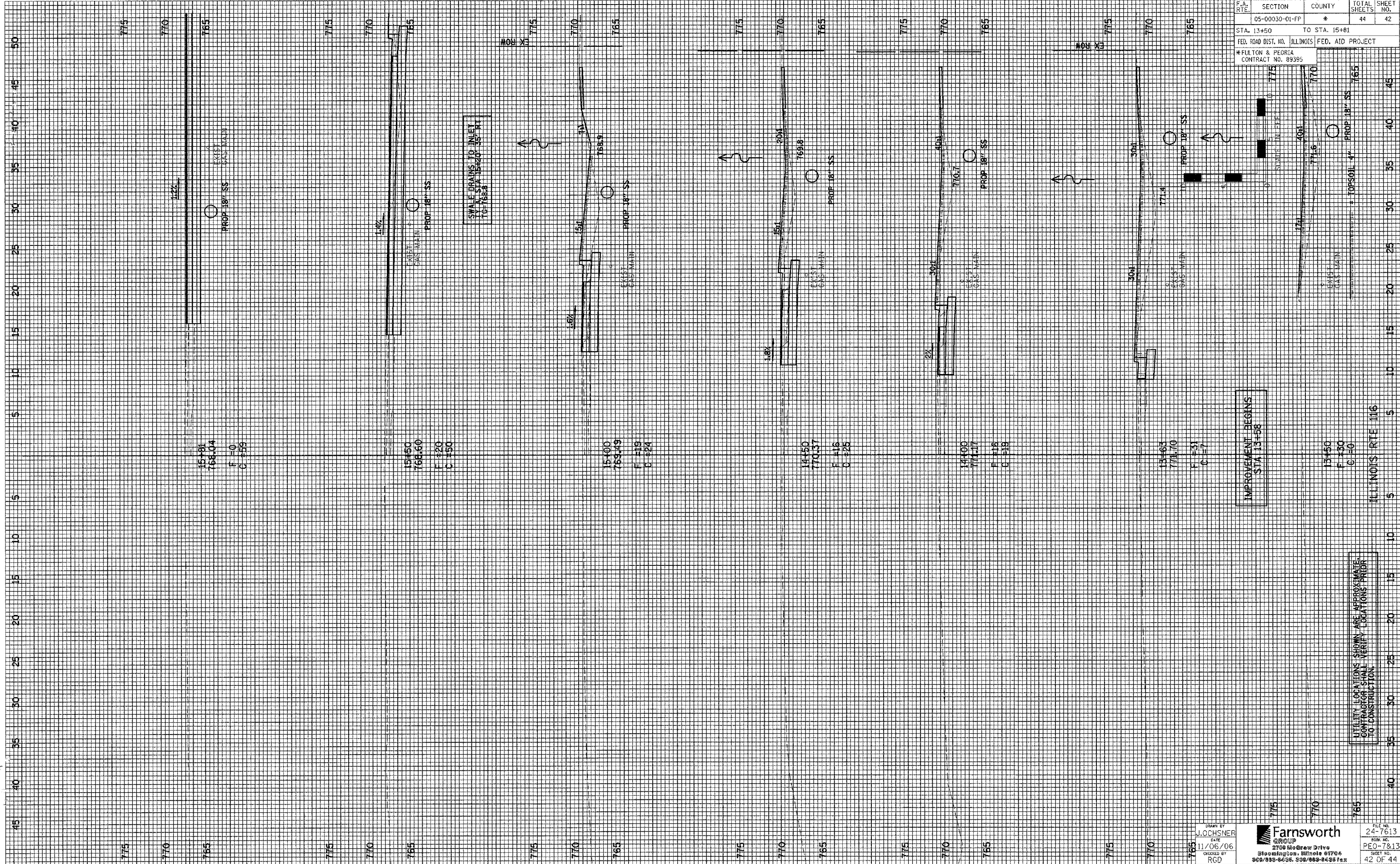
775
770
765

775
770
765

DATE
11/06/06
CHECKED BY
RCD

Farnsworth
3708 McGraw Drive
Bloomington, Illinois 61704
302/965-2436, 302/938-2456 fax

FILE NO.
24-7613
BOOK NO.
PEO-7&13
SHEET NO.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-PP	*	*	44	42
STA. 13+50		TO STA. 15+81		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FULTON & PEGRIA				
CONTRACT NO. 89395				

IMPROVEMENT BEGINS
 STA 13+58

UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
 CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO CONSTRUCTION.

ILLINOIS RTE 116

SCALE: 1" = 20'

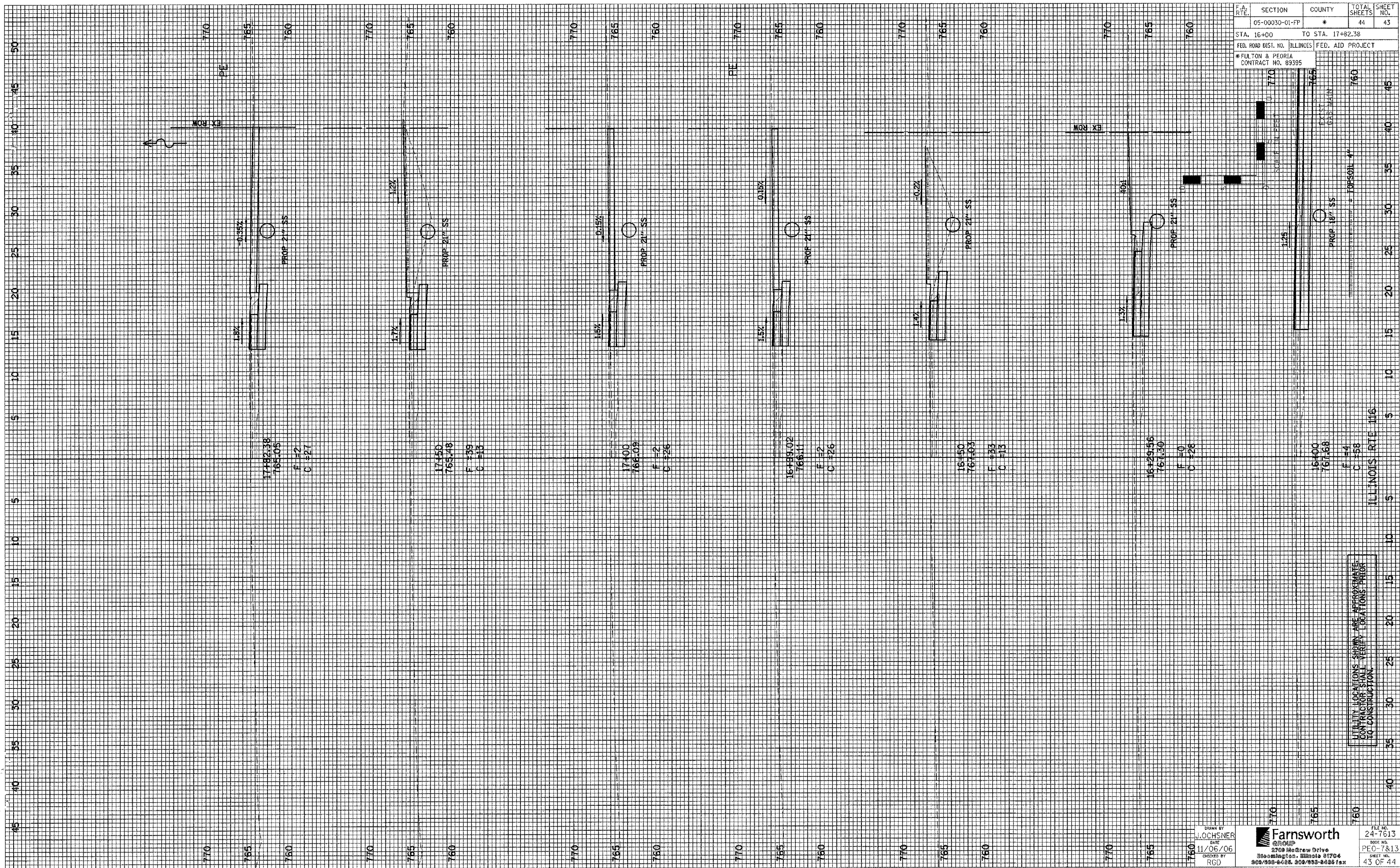
START OF P.E.

DRAWN BY: J. LOSCHNER
 DATE: 1/06/06
 CHECKED BY: RGD

Farnsworth
 2750 McGraw Drive
 Bloomington, Illinois 61704
 309/898-6698, 309/898-2428 Fax

FILE NO: 24-7613
 BOOK NO: PE0-7813
 SHEET NO: 42 OF 44

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-FP	*	*	44	43
STA. 16+00		TO STA. 17+82.38		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*FULTON & PEORIA		CONTRACT NO. 89395		



17+82.38
765.05
F #2
C #27

17+50
765.48
F #39
C #15

17+00
766.09
F #2
C #26

16+991.02
766.11
F #2
C #26

16+50
767.03
F #33
C #15

16+29.56
767.30
F #0
C #28

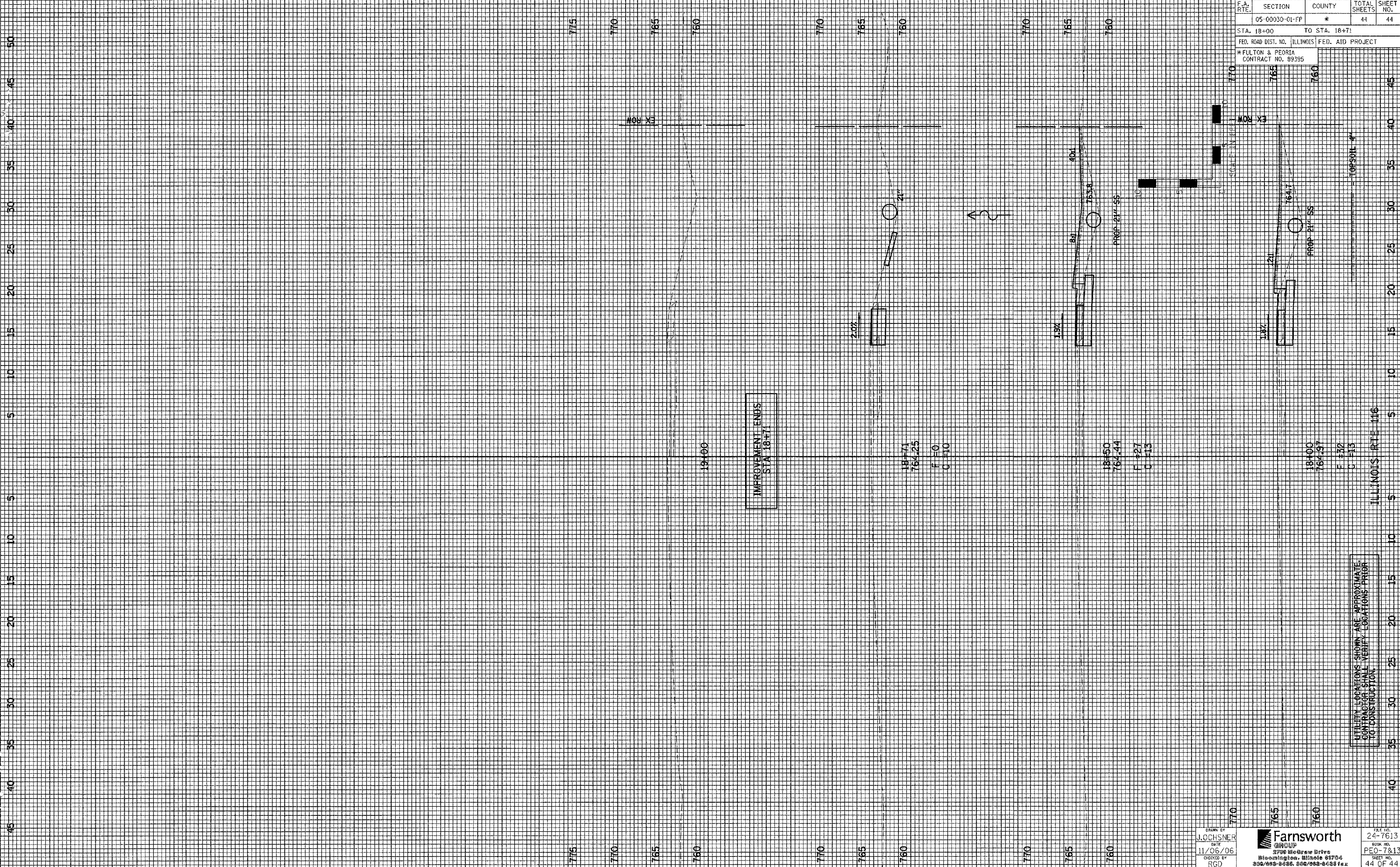
16+00
767.68
F #4
C #58

UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
CONTRACTOR SHALL VERIFY LOCATIONS PRIOR
TO CONSTRUCTION.

DRAWN BY
L. OCHSNER
DATE
11/06/06
CHECKED BY
RGD

Farnsworth
3000 MacGregor Drive
Bloomington, Illinois 61704
302/908-6485, 302/933-8486 fax

FILE NO.
24-7613
BOOK NO.
PEO-7813
SHEET NO.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00030-01-PP	*	*	44	44
STA. 18+00		TO STA. 18+71		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FULTON & PEORIA				
CONTRACT NO. 89395				

IMPROVEMENT ENDS
STA. 18+71

18+71
764.25
F=0
C=510

18+50
764.44
F=1.3
C=513

18+00
764.97
F=1.8
C=513

UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
CONTRACTOR SHALL VERIFY LOCATIONS PRIOR
TO CONSTRUCTION.

DRAWN BY
J. JOCHNER
DATE
11/06/06
CHECKED BY
RGD

Farnsworth
GROUP
3790 McGraw Drive
Bloomington, Illinois 61704
309/453-9335, 309/453-3033 fax

FILE NO.
24-7613
BOOK NO.
PEO-7&13
SHEET NO.
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