

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	1
FED. ROAD DIST. NO.		ILLINOIS	BURRELL STREET	

**INDEX OF SHEETS**

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4.	TYPICAL SECTIONS
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8.-10.	PLAN AND PROFILE
11.	RAILROAD CROSSING LAYOUT
12.-13.	EROSION CONTROL PLAN
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16.	WATERMAIN RELOCATION
17.-18.	INTERSECTION DETAILS
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20.	BOX CULVERT DETAILS
21.-30.	CROSS SECTIONS

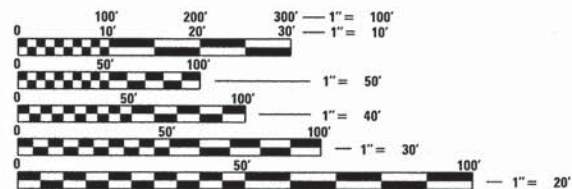
HIGHWAY STANDARDS: SEE SHEET #2

**UTILITIES**

CITY OF CARMi  
225 EAST MAIN STREET; CARMi, IL 62821  
PHONE: (618)-382-8118

CONSUMERS GAS COMPANY  
P.O. BOX 486; CARMi, IL 62821  
PHONE: (618)-382-4158

FRONTIER COMMUNICATIONS  
200 WEST CHERRY STREET; CARMi, IL 62821  
PHONE: (618)-382-2887



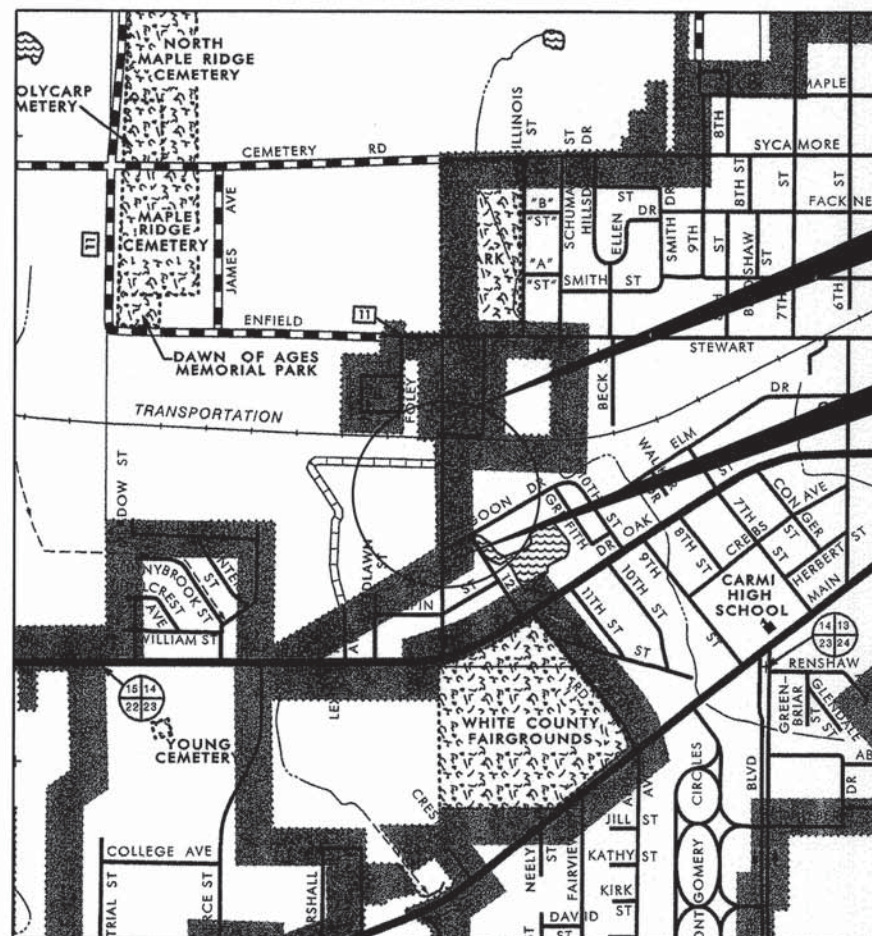
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
S.T.P. PROJECT**

**F.A.U. 8776 (BURRELL STREET) SECTION 12-00091-00-RS  
PROJECT M-5010(013) JOB NO. C-99-526-13  
CITY OF CARMi, WHITE COUNTY**



LOCATION OF SECTION INDICATED THUS: — —  
FUNCTIONAL CLASSIFICATION: URBAN LOCAL STREETS  
DESIGN SPEED: 30 MPH



BURRELL STREET ENDS STATION 13+30

BURRELL STREET BEGINS STATION 0+57.5

LOCATION MAP



Know what's below.  
Call before you dig.

CITY OF CARMi	
APPROVED	7/10/24 2015 MAYOR
PASSED	July 16 2015 DISTRICT NINE ENGINEER OF LOCAL ROADS & STREETS
Releasing For Bid Based on Limited Review	7/14/16 2015 DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 99538

DATE: 6-24-15

EXPIRES: 11/30/2015

**LAMAC**  
ENGINEERING CO.  
323 W. 3RD ST.; P.O. BOX 160  
MT. CARMEL, ILLINOIS 62863  
618.262.8651 www.lamac.net  
184-000887 ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
PROJECT NUMBER: H131L001CA DATE: 6/19/15

DATE: 6/19/15



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	2
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
PROJECT # M-5010(013)		CONTRACT # 9958		
LEC. JOB # H31L001CA				

323 W. 3RD ST.  
P.O. BOX 160  
MT. CARMEL, IL  
62863  
PHONE:  
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(618)-263-3327

PROFESSIONAL  
DESIGN FIRM  
LAND SURVEY &  
PROFESSIONAL  
ENGINEERING  
CORPORATION  
184-00887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

**GENERAL NOTES**

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012.
- CONTRACTORS ARE RESPONSIBLE FOR THE COSTS OF CONSTRUCTION STAKING.
- UTILITIES SHOWN WERE LOCATED PER QUALITY LEVEL "C", A.S.C.E. STANDARD C138-02, STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA FROM SURFACE MARKINGS ONLY. UTILITIES SHALL BE FIELD LOCATED HORIZONTALLY AND VERTICALLY PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE FIELD LOCATION OF THESE UTILITIES.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL EXISTING FIELD DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.
- EXISTING CROSS ROAD CULVERT PIPES AND ENTRANCE PIPES THAT ARE SCHEDULED TO BE REMOVED AND DEEMED SALVAGEABLE BY THE ENGINEER SHALL REMAIN THE PROPERTY OF THE CITY AND SHALL BE STORED ON THE JOB SITE AS DIRECTED BY THE ENGINEER.
- IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:  
  
PROCESSING LIME MODIFIED SOILS:  
LIME - 6% WEIGHT OF EARTH (TON)  
EARTH - 110 LB/CU FT  
  
RIPRAP - 1.5 TONS/CU.YD.
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.
- AT ALL LOCATIONS WHERE THE PROPOSED PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE LEFT IN PLACE UNTIL REMOVAL IS REQUIRED TO CONSTRUCT FINAL GRADE LINES.
- HORIZONTAL AND VERTICAL SEPARATION BETWEEN STORM SEWERS AND WATER MAINS OR WATER SERVICES SHALL BE AS DESCRIBED IN SECTION 370.350 OF THE ILLINOIS RECOMMENDED STANDARD FOR SEWAGE WORKS OR SECTION 41-.201 OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITIONS.
- THE PROPOSED DITCH ALONG THE EAST SIDE OF THE ROAD HAS A HIGH PROBABILITY OF PIECES OF CONCRETE AND OTHER DEBRIS. THIS SHALL BE CONSIDERED AS PART OF THE EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED.
- ALL DRIVEWAY AND SIDEWALK REMOVAL WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

**HIGHWAY STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 406201-01 MAILBOX TURNOUT
- 420001-08 PAVEMENT JOINTS
- 420101-05 24' JOINTED PCC PAVEMENT
- 420701-02 PAVEMENT FABRIC
- 424001-08 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424026-01 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602401-03 MANHOLE TYPE A
- 602411-04 MANHOLE TYPE A 7' (2.1 M) DIAMETER
- 602421-04 MANHOLE TYPE A 9' (2.7 M) DIAMETER
- 602601-03 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-04 FRAME AND LIDS TYPE 1
- 604006-05 FRAME AND GRATE TYPE 3
- 604011-05 FRAME AND GRATE TYPE 3V
- 604036-03 GRATE TYPE 8
- 604041-03 FRAME AND GRATE TYPE 9
- 604066-02 FRAME AND LID TYPE 15
- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701901-04 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 17-4 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- BLR 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

SHEET TITLE:	
GENERAL NOTES AND HIGHWAY STANDARDS	
SCALE:	VARIES
BY:	AMM
DATE:	4/8/15
REV:	
2	OF 30
SHEETS	
SHEET NO.	
2	



PROFESSIONAL DESIGN FIRM  
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
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(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

SHEET TITLE:  
SUMMARY OF QUANTITIES

SCALE: VARS  
BY: AMM  
DATE: 6/9/15  
REV:

3 OF 30 SHEETS  
SHEET NO. 3

SUMMARY OF QUANTITIES			
	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	9.0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18.0
20101100	TREE TRUNK PROTECTION	EACH	1.0
20200100	EARTH EXCAVATION	CU YD	2567.5
20400800	FURNISHED EXCAVATION	CU YD	920.0
20800150	TRENCH BACKFILL	CU YD	167.7
25000115	SEEDING, CLASS 1B	ACRE	1.2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	115.0
28000400	PERIMETER EROSION BARRIER	FOOT	361.0
28000500	INLET AND PIPE PROTECTION	EACH	6.0
28100207	STONE RIPRAP, CLASS A4	TON	311.0
30200850	PROCESSING MODIFIED SOIL 16"	SQ YD	4844.0
31001500	LIME	TON	195.0
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	268.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	182.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	4.0
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	3982.4
42001200	PAVEMENT FABRIC	SQ YD	3982.4
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	268.0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4974.0
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	318.0
42400800	DETECTABLE WARNINGS	SQ FT	48.0
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0
50105220	PIPE CULVERT REMOVAL	FOOT	303.0
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	6.0
54010603	PRECAST CONCRETE BOX CULVERTS 6'X3'	FOOT	149.0
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	60.0
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2.0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2.0
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2.0
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	1.0

\* SEE SPECIAL PROVISIONS

SUMMARY OF QUANTITIES			
	ITEM	UNIT	TOTAL QUANTITY
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	368.0
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	170.0
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	178.0
550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	12.0
* 56100800	WATERMAIN 10"	FOOT	665.0
* ^ 56109000	TAPPING VALVES AND SLEEVES 10"	EACH	2.0
* ^ 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	1.0
* ^ 56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	2.0
60222270	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1.0
60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1.0
60224470	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1.0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3.0
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	1.0
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	1.0
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1.0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	225.0
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2034.0
67100100	MOBILIZATION	L SUM	1.0
72000100	SIGN PANEL-TYPE 1	SQ FT	34.8
72900200	METAL POST TY B	FOOT	86.5
* 78009000	MODIFIED URETHANE PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	122.4
* 78009004	MODIFIED URETHANE PAVEMENT MARKING-LINE 4"	FOOT	588.0
* 78009024	MODIFIED URETHANE PAVEMENT MARKING-LINE 24"	FOOT	72.0
^ X8020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	2.0
^ X8040205	FRAMES AND LIDS, SPECIAL	EACH	4.0
^ X8041810	GRATES, TYPE 3 (SPECIAL)	EACH	4.0
* ^ X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	122.4
* ^ X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	588.0
* ^ X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	72.0
Δ Z0076600	TRAINEES	Hour	500
^ X0322024	TRENCH DRAIN	EACH	1.0
Δ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	500
^ Z0048865	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0

\* SEE SPECIAL PROVISIONS

Δ 0042

\* SPECIALTY ITEMS



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	4
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
PROJECT * M-5020(013)		CONTRACT * 99538		
LEC JOB * H131.001CA				

323 W. 3RD ST.  
P.O. BOX 160  
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62863

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PROFESSIONAL  
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184-00887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron Mefford*  
SIGNATURE  
DATE  
6-24-15  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

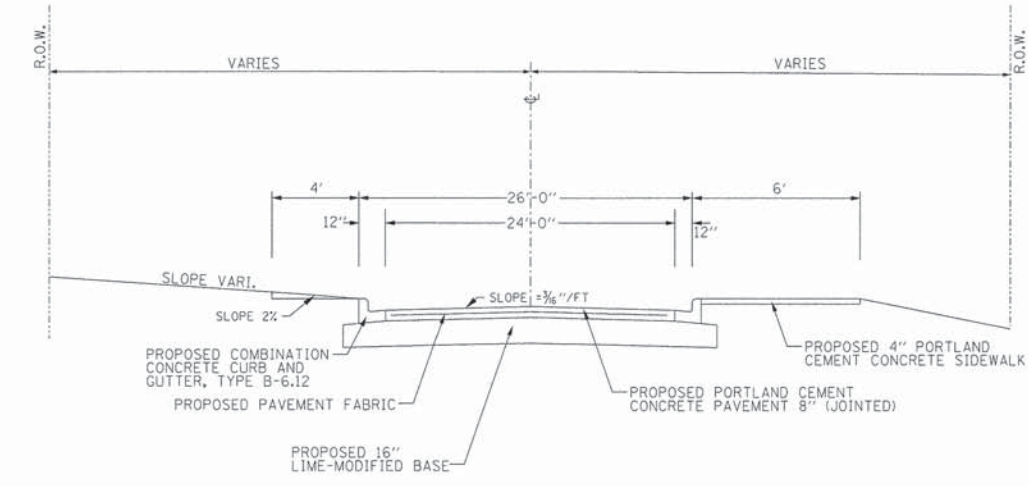
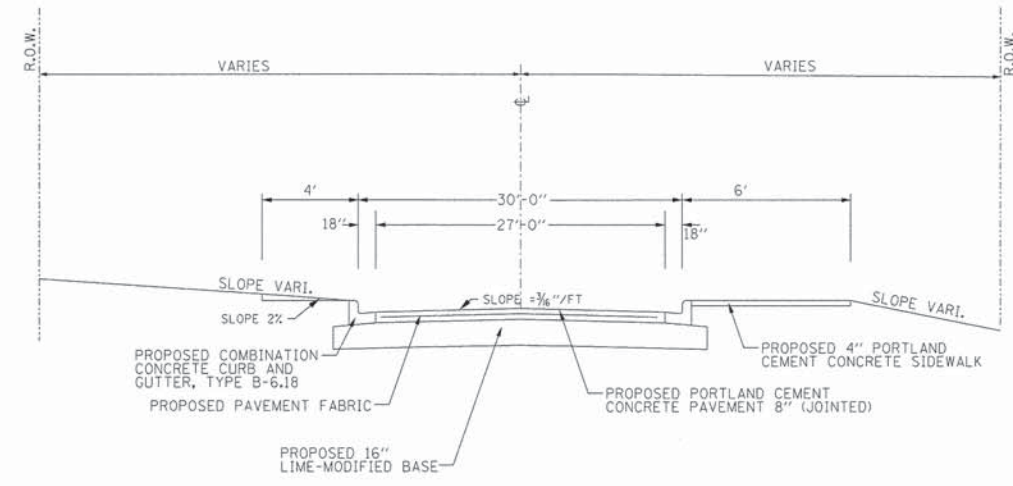
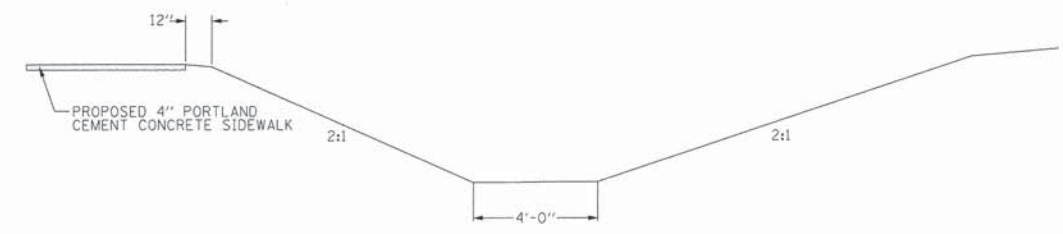
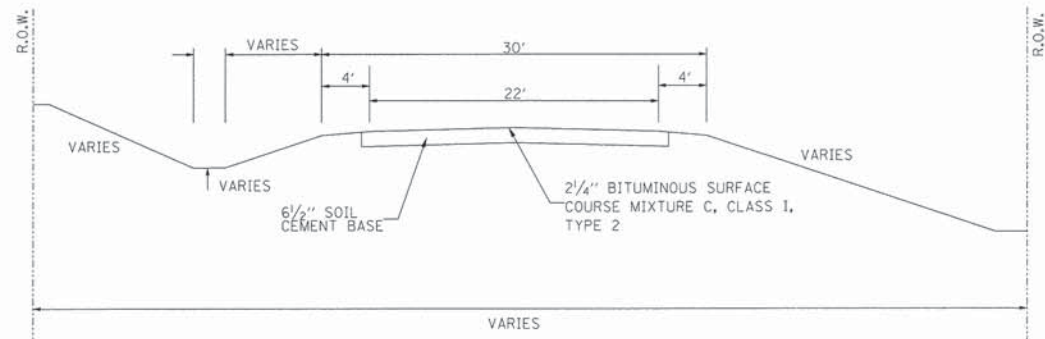
SHEET TITLE:

TYPICAL SECTIONS

SCALE:	VARIES
BY:	AMM
DATE:	4/9/15
REV:	

4 OF 30  
SHEETS

SHEET NO.  
4





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LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
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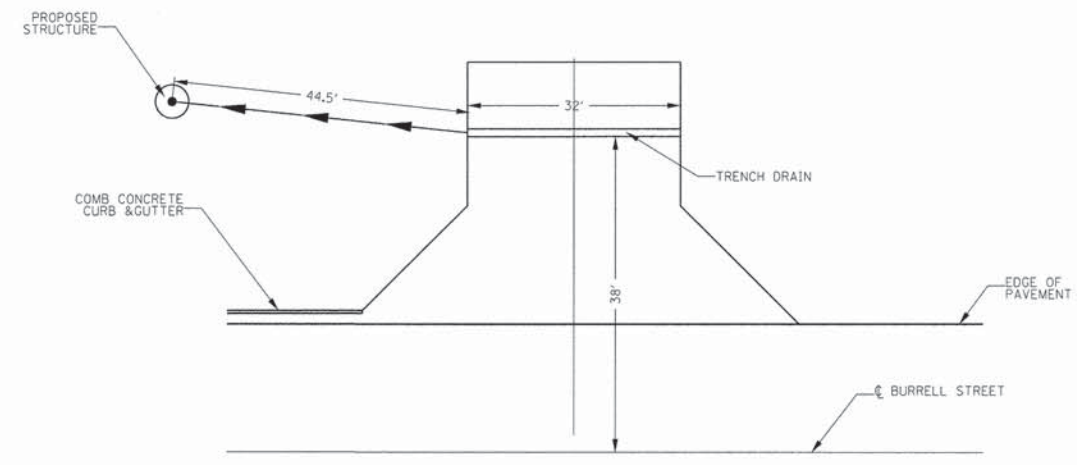
AARON M. MEFFORD  
NAME  
SIGNATURE  
DATE  
11-30-15  
EXPIRES

CITY OF CARM  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

SHEET TITLE:  
SCHEDULE OF QUANTITIES  
SCALE: VRES  
BY: AMM  
DATE: 6/24/15  
REV:  
5 OF 30 SHEETS  
SHEET NO. 5

### TRENCH DRAIN DETAIL

STA. 12+08.2 LT.



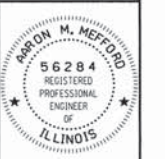
PIPE CULVERT SCHEDULE										
LOC	STATION	EXIST SIZE	CLASS D	PRECAST	BOX CULVERT	FRAMES	GRATES,	TRENCH DRAIN	TRENCH	PIPE
			TYPE 1	CONCRETE	END SECTIONS	AND LIDS,	TYPE 3	BACKFILL	CULVERT	REMOVAL
			18"	6'X3'	CULVERT NO 1	X6040205	X6041810	X0322024	20800150	50105220
		FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	CU YD	FOOT
LT. STA 5+00	ENT	18" CMP								20
RT. STA 5+13	ENT	36" RCP								60
CL. STA 5+25	AR	NO PIPE		47	2		4		9.5	
LT. STA 5+60.3	SR	18" RCP								37
CL. STA 6+75	AR	36" RCP		45	2	2			9.5	33
LT. STA 8+00	ENT	NO PIPE	60							
LT. STA 9+01.6	SR	30" CMPE								40
CL. STA 9+50	AR	NO PIPE		57	2	2			50.6	
RT. STA 11+39.4	AR	36" VCP								31
RT. STA 11+57.0	SR	12" RCP								48
LT. STA 12.08.2	PE	NO PIPE						1		
RT. STA 12+41	PE	12" CMP								15
RT. STA 12+80	PE	15" CMPE								19
TOTAL			60	149	6	4	4	1	69.6	303

STORM SEWER SCHEDULE								
STORM SEWERS								
CLASS A								TRENCH BACKFILL
TYPE 1								
		15"	18"	36"	60"			
		550A0070	550A0090	550A0160	550A0210	20800150		
STRUCT	TO	STRUCT	GRADE	FOOT	FOOT	FOOT	FOOT	CU YD
1	2	0.50%	26					2.3
2	4	0.20%	129					16.3
3	4	0.50%	39					4.3
4	5	0.20%	92					22.9
7	6	3.75%		8				
8	6	0.75%			100			
9	10	3.00%			53			10.3
10	11	3.00%			25			
12	11	0.50%				12		
13	10	0.20%		38				12.3
14	13	0.50%	38					5.9
15	13	0.20%		78				16.6
16	15	2.20%	44					6.5
17	15	4.85%		46				0.7
TOTAL			368	170	178	12		98.1

STORM SEWER STRUCTURE SCHEDULE												
STORM SEWERS												
										END SECTIONS		
										RCCP FLARED		
		INLETS, TYPE A	INLETS, TYPE A	INLETS, TYPE A	INLETS, TYPE B	MANHOLES, TYPE A	MANHOLES, TYPE A	MANHOLES, TYPE A				
		TYPE 8	TYPE 9	TYPE 15	TYPE 3V	5-DIAMETER	7-DIAMETER	9-DIAMETER	15"	18"	36"	60"
		GRATE	FRAME AND	FRAME AND	FRAME AND	TYPE 3V	TYPE 1	TYPE 1	54213660	54213663	54213681	54213705
		EACH	GRATE	LID	GRATE	AND GRATE	OPEN LID	OPEN LID	EACH	EACH	EACH	EACH
STRUCT	LOC	STATION	60236200	60236600	60237000	X6020075	60222270	60224445	60224470			
1	13.4	LT. STA 0+65		1								
2	14.4	RT. STA 0+65			1							
3	25	LT. STA 1+95.8							1			
4	15.1	RT. STA 1+95.4				1						
5	61	RT. STA 2+78.5							1			
6	34.5	RT. STA 3+48.1						1				
7	51.1	RT. STA 3+59.4								1		
8	36.1	RT. STA 4+60									1	
9	49.7	RT. STA 11+40.1										1
10	13.1	LT. STA 11+45.4					1					
11	43.4	LT. STA 11+47.9								1		
12	67.4	LT. STA 11+49.0										1
13	13	LT. STA 11+86				1						
14	24.3	RT. STA 12+00	1									
15	18.8	LT. STA 12+65.6	1									
16	18	RT. STA 12+93.8	1									
17	13.9	LT. STA 13+19.5										
TOTAL			3	1	1	2	1	1	1	2	2	2



PROFESSIONAL DESIGN FIRM  
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
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AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

SHEET TITLE:

SCHEDULE OF QUANTITIES

SCALE: VARS  
BY: AMM  
DATE: 6/9/15  
REV:

6 OF 30 SHEETS

SHEET NO. 6

ROADWAY SCHEDULE							
LOCATION	PORTLAND CEMENT CONCRETE PAVEMENT 8" JOINTED	PAVEMENT FABRIC	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18	AGGREGATE SURFACE COURSE TYPE B	PROCESSING MODIFIED SOIL 16"	LIME
	42000301	42001200	6063800	6064400	40200800	30200850	30201500
	SQ YD	SQ YD	FOOT	FOOT	TON	SQ YD	TON
BURRELL STREET							
STA 0+57.5 to STA 10+40	2,942.1	2,942.1	0.0	1,825.0	0.0	3,570.0	144.0
STA 10+40 to STA 13+30	764.7	764.7	225.0	0.0	0.0	901.0	36.0
SIDERoads	275.6	275.6	0.0	209.0	0.0	373.0	15.0
ENTRANCES	0.0	0.0	0.0	0.0	182.0	0.0	0.0
<b>TOTALS</b>	<b>3982.4</b>	<b>3982.4</b>	<b>225.0</b>	<b>2034.0</b>	<b>182.0</b>	<b>4844.0</b>	<b>195.0</b>

SIDEROAD AND ENTRANCE SCHEDULE												
STATION	LOC	EXISTING WIDTH	TYPE	SURFACE	EXISTING PIPE	LENGTH	WIDTH	RADIUS	FLARE	SUBBASE GRANULAR MATERIAL TYPE B 4"	AGGREGATE SURFACE COURSE TYPE B 6"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"
										31100300	40200800	42300200
						FOOT	FOOT	FOOT	FOOT	SQ YD	TON	SQ YD
2+91.4	LT.	10	FE	AGG	NO PIPE							
4+19	RT.		FE		NO PIPE	35	40		6		53	
4+99.7	LT.	14	FE	EARTH	18" CMP							
5+13	RT.	30	FE	EARTH	36" RCP							
8+00	LT.		FE		NO PIPE	17	30		6		19	
11+77.1	RT.	16	PE	AGG	12" RCP	38	15		6	67		67
12+08.2	LT.	32	PE	HMA		26	32		5	137		137
12+42.1	RT.	10	PE	AGG	12" CMP	20	10		6		8	
12+80.1	RT.	13	PE	HMA	15" CMPE	10	13		6	11		11
12+94.4	LT.	11	PE	HMA		8	32		5	53		53
SUBTOTAL ENTRANCES										268.00	80.00	268.00
SUBTOTAL ENTRANCES USE										268.00	80.00	268.00
SIDEROAD												
2+22.4	RT.	20	SR	HMA	NO PIPE	31	20	25			41	
5+60.3	LT.	18	SR	HMA	18" RCP	37	18	25			7	
9+04	LT.	25.5	SR	HMA	30" CMPE	28	25.5	25			38	
11+57.0	RT.	12	SR	HMA	12" RCP	33	12	15			16	
SUBTOTAL SIDEROADS										0	102	0
SUBTOTAL SIDEROADS USE										0	102	0
TOTALS USE										268.00	182.00	268.00

PAVEMENT MARKING SCHEDULE							
LOCATION	MODIFIED URETHANE PAVEMENT MARKING				GROOVING FOR RECESSED PAVEMENT MARKING		
	LETTERS AND SYMBOLS	LINE 4"		LINE 24"	LETTERS AND SYMBOLS	5"	25"
		SKIP DASH YELLOW	SOLID YELLOW	SOLID WHITE			
SQ FT		FOOT	FOOT	SQ FT	FOOT	FOOT	
BURRELL STREET							
STA 0+57.5 CL to STA 11+10 CL		263.00				263.00	
STA 9+72 RT to STA 11+10 RT			138.00			138.00	
STA 9+85 RT				12			12
STA 10+10 RT	61.2				61.2		
STA 10+35 RT				12			12
STA 10+98 RT				12			12
STA 11+35 CL to STA 13+30 CL		49.00				49.00	
STA 11+35 LT to STA 12+73 LT			138.00			138.00	
STA 11+48 LT				12			12
STA 12+12 LT				12			12
STA 12+36 LT	61.2				61.2		
STA 12+62 LT				12			12
<b>TOTAL</b>	<b>122.4</b>	<b>312.0</b>	<b>276.0</b>	<b>72.0</b>	<b>122.4</b>	<b>588.0</b>	<b>72.0</b>

SIGNS AND POSTS								
LOC	STATION	SIGN PANEL TYPE 1 SQ FT	MUTCD CODE	STYLE	SIZE	TOC ELEVATION	POST LOCATION ELEVATION	METAL POST TYPE B
		72000100						72900200
	BURRELL STREET							FOOT
RT	STA 10+01	4.9	W10-1	GRADE CROSS	30 Dia.	404	404.1	13.5
				ADVANCE WARN				
LT	STA 12+48	4.9	W10-1	GRADE CROSS	30 Dia.	404.4	403.6	14.3
				ADVANCE WARN				
	LAGOON DRIVE							
RT	STA 2+22.4	6.25	R1-1	STOP	30"X30"	397.6	397.8	13.5
	VALTER DRIVE							
LT	STA 5+60.3	6.25	R1-1	STOP	30"X30"	396.8	396	14.3
	MARTIN DRIVE							
LT	STA 9+01.6	6.25	R1-1	STOP	30"X30"	399.6	397.5	15.6
	ALLEY							
RT	STA 11+57	6.25	R1-1	STOP	30"X30"	405.6	403.8	15.3
<b>TOTAL</b>		<b>34.8</b>						<b>86.5</b>



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	7
FED. ROAD DIST. NO. 9		ILLINOIS	BURRELL STREET	
PROJECT * M-5010013		CONTRACT * 99538		
LEC JOB * H3100101A				

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PROFESSIONAL DESIGN FIRM  
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
184-000887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

SHEET TITLE:

SCHEDULE OF QUANTITIES

SCALE: VARS  
BY: AMM  
DATE: 6/9/15  
REV:

7 OF 30 SHEETS

SHEET NO. 7

LOCATION	EARTH EXCAVATION	SHRINKAGE FACTOR	% USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE(25%)	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	20200100 CUBIC YARD				CUBIC YARD	CUBIC YARD
<b>BURRELL STREET</b>						
STA 0+57.5 TO STA 13+30	2567.5	25.00%	100.00%	1926	2846.2	-920
	2567.50			1926	2846.2	-920
				FURNISHED EXCAVATION	920	CU.YD.

LOCATION	WATERMAIN 10"	TAPPING VALVES AND SLEEVES 10"	FIRE HYDRANTS TO BE REMOVED	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	FRAMES AND LIDS TO BE ADJUSTED
	56101600 FOOT	56109000 EACH	56400500 EACH	56400825 EACH	60300305 EACH
<b>BURRELL STREET</b>					
STA 4+40 RT.				1	
STA 4+46 RT.		1			
STA 4+46 RT. to STA 10+46 RT.	665				
STA 5+92 RT.			1		
STA 10+46 RT.		1			
STA 10+55 RT				1	
STA 12+88					1
<b>TOTAL</b>	665	2	1	2	1

LOCATION	DETECTABLE WARNINGS
	42400800 SQ.FT
<b>BURRELL STREET</b>	
STA 2+46 RT	12
STA 11+06 RT	12
STA 11+38 RT	12
STA 11+50 RT	12
<b>TOTALS</b>	48

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
	20100110 UNIT	20100210 UNIT
STA 2+85 AT 61.0' RT		18
STA 11+66.2 AT 26.8' RT	9	
<b>TOTAL</b>	9	18

LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK	PORTLAND CEMENT CONCRETE SIDEWALK	INCIDENTAL HOT-MIX ASPHALT SURFACING
	42400100 4 INCH SQ.FT	42400300 6 INCH SQ.FT	40800050 TON
<b>BURRELL STREET</b>			
STA 2+45.4 RT to STA 3+92 RT	897	0	0
STA 3+92 RT to STA 4+45 RT	0	318	0
STA 4+45 RT to STA 11+09.5 RT	3987	0	0
STA 11+09.5 RT to STA 11+18 RT	0	0	2
STA 11+26.5 RT to STA 11+35 RT	0	0	2
STA 11+35 RT to STA 11+50 RT	90	0	0
<b>TOTALS</b>	4974	318	4

STATION	LOCATION	STONE RIPRAP CLASS A4
		28100207 TON
STA 2+78.5	61.0' RT	15
STA 4+60	36.1' RT	10
STA 5+25	27.4' LT	13
STA 5+25	32.3' RT	44
STA 6+75	27.8' LT	30
STA 6+75	32.7' RT	58
STA 9+50	31.9' LT	27
STA 9+50	37.7' RT	89
STA 11+40.1	49.7' RT	10
STA 11+49.0	67.4' LT	15
<b>TOTAL</b>		311

LOCATION	TREE TRUNK PROTECTION	TEMPORARY EROSION CONTROL SEEDING	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER
	20101100 EACH	28000250 POUND	28000500 EACH	28000400 FOOT
<b>BURRELL STREET</b>				
STA 0+57.5 to STA 13+30		115		
STA 0+65			2	
STA 3+48.1 RT.			1	
STA 5+85 to STA 7+75 LT				190
STA 11+59 to STA 11+91 LT				32
STA 11+88 to STA 12+36 RT				52
STA 12+00 RT.			1	
STA 12+31 LT	1			
STA 12+24 to STA 12+78 LT				63
STA 12+48 to STA 12+72 RT				24
STA 12+65.6 LT.			1	
STA 12+93.8 RT.			1	
<b>TOTAL</b>	1	115	6	361



NOTE: CONSTRUCTION TRANSITION  
 STA. 0+57.5 TO STA 1+33  
 ALL QUANTITIES ARE INCLUDED IN THE PROPOSAL

P.I. STA= 0+96.02  
 $\Delta\theta = 00^{\circ}39'00''$  LT  
 NO CURVE

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	8
FED. ROAD DIST. NO. 9		ILLINOIS	BURRELL STREET	
PROJECT * M-5010(013)		CONTRACT * 99538		
LEC. JOB * H311001CA				

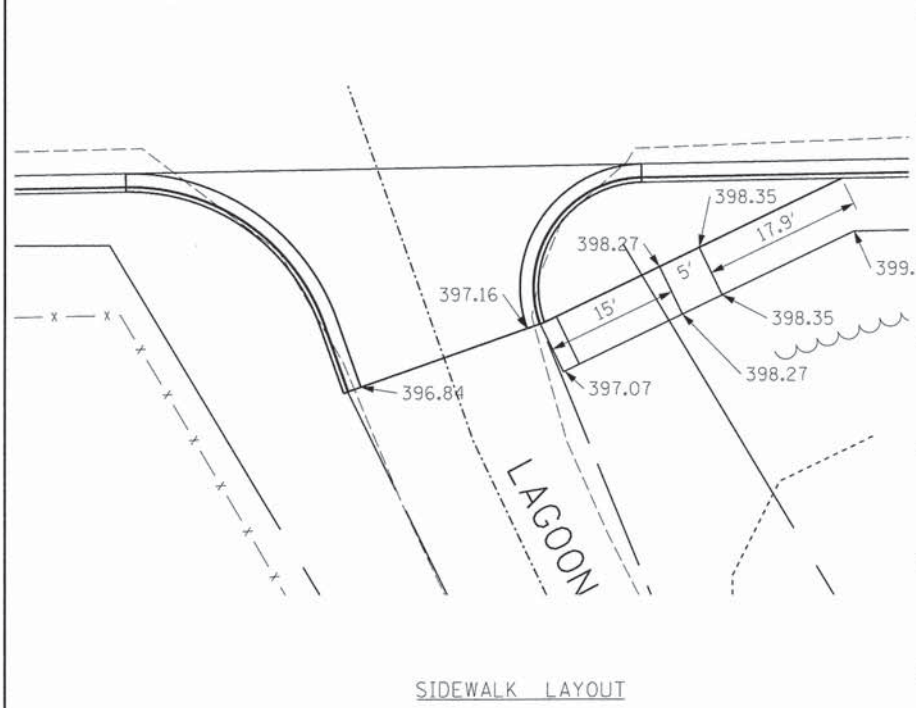
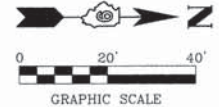
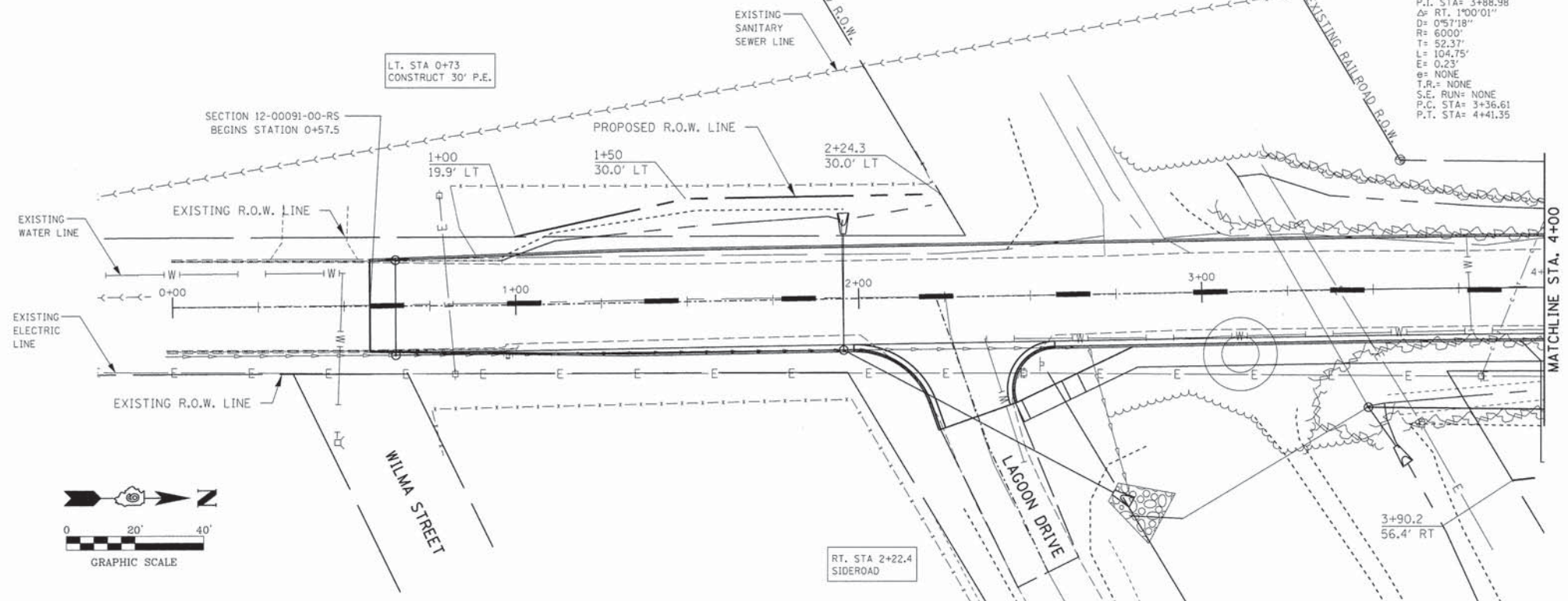
323 W. 3RD ST.  
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 62863  
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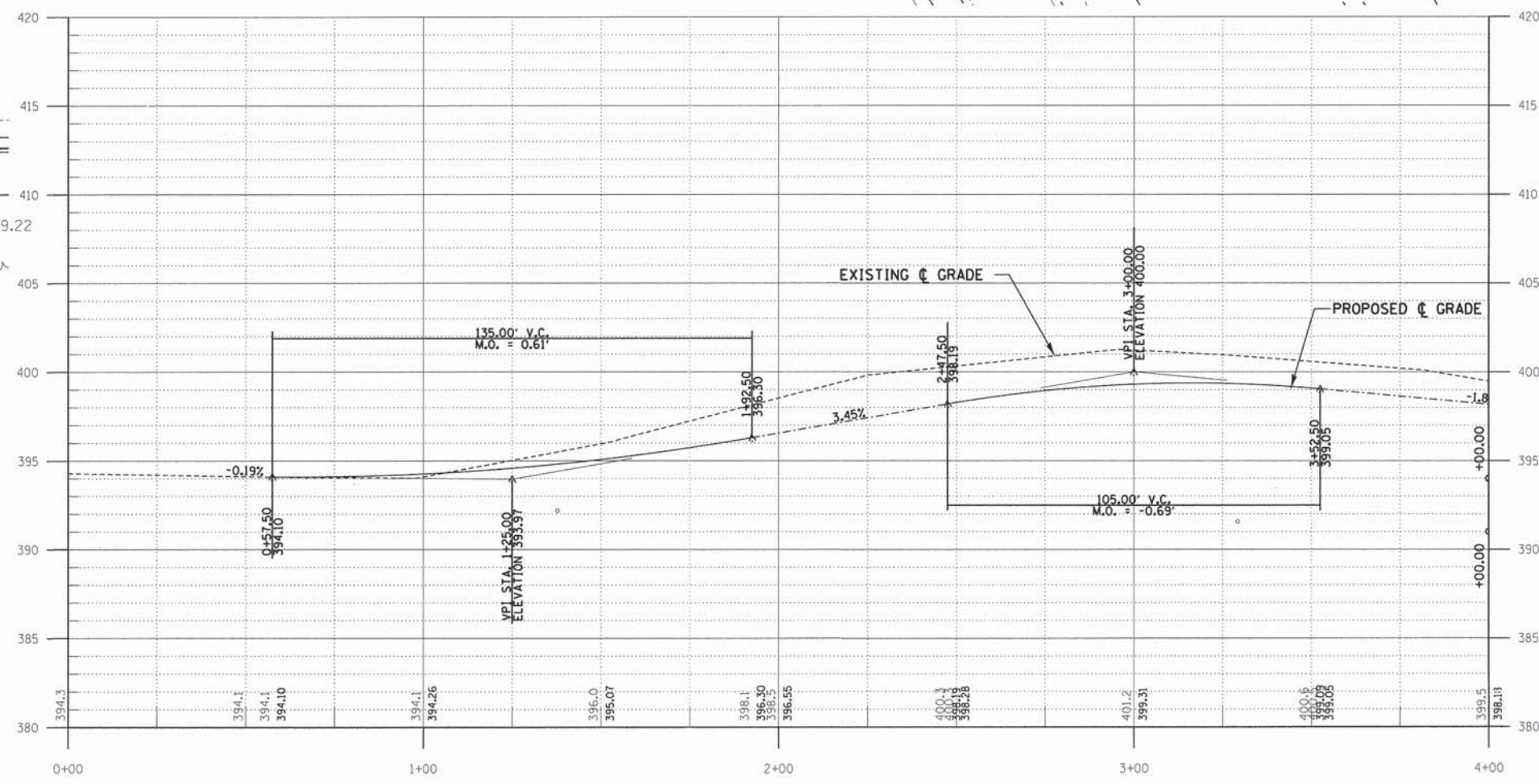


AARON M. MEFFORD  
 NAME  
 SIGNATURE  
 DATE  
 11-30-15  
 EXPIRES

CITY OF CARM  
 BURRELL STREET  
 WHITE COUNTY, ILLINOIS



SIDEWALK LAYOUT



SHEET TITLE:  
 PLAN & PROFILE  
 SCALE: VARIES  
 BY: AMM  
 DATE: 6/9/15  
 REV:  
 8 OF 30 SHEETS  
 SHEET NO. 8



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B776	12-00091-00-RS	WHITE	30	9
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
PROJECT # M-5010013		CONTRACT # 99538		
LEC JOB # H131001CA				

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CORPORATION  
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AARON M. MEFFORD  
NAME  
*[Signature]*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

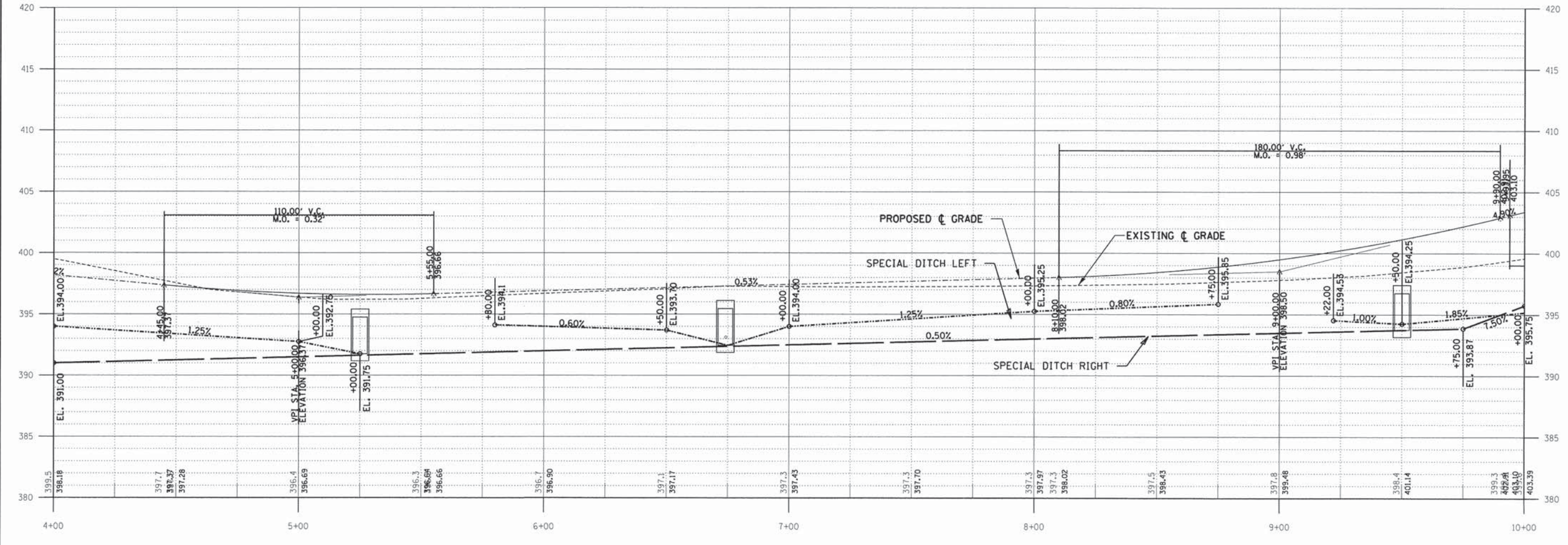
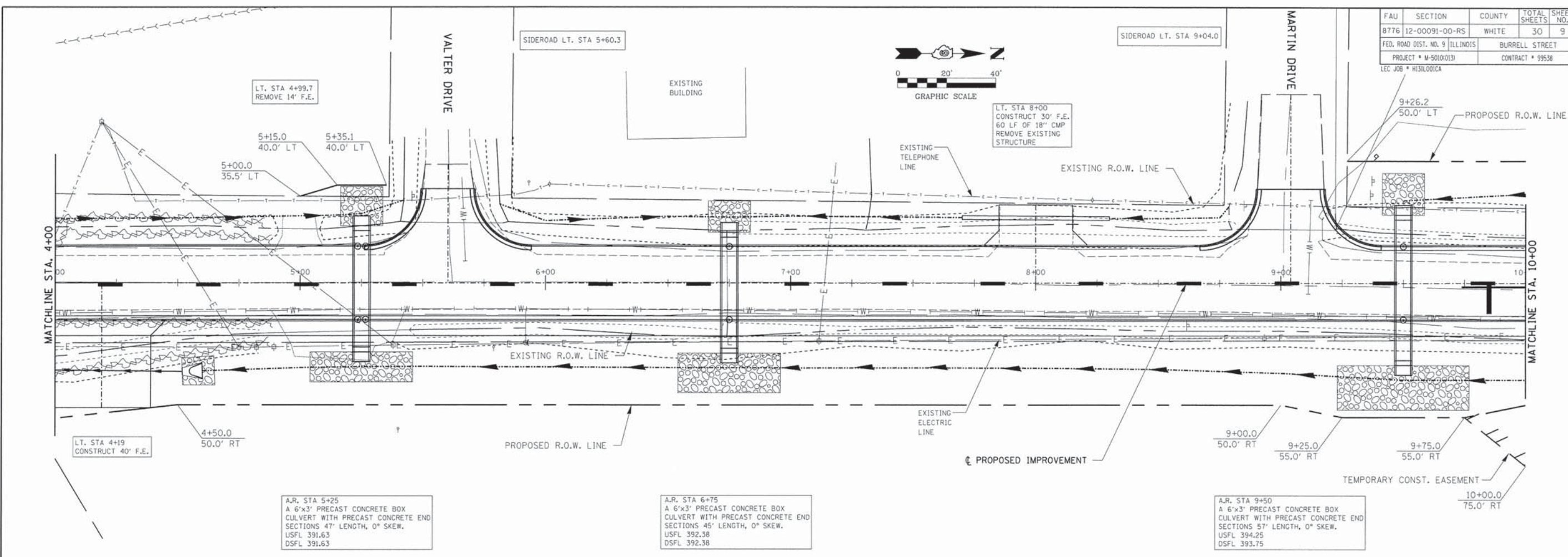
SHEET TITLE:

PLAN & PROFILE

SCALE: VARS  
BY: AMM  
DATE: 6/9/15  
REV:

9 OF 30  
SHEETS

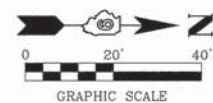
SHEET NO.  
9





NOTE: 30:1 TRANSITION  
STA. 10+40 TO STA 11+00

NOTE: 30:1 TRANSITION  
STA. 12+70 TO STA 13+30



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	10
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
PROJECT * M-5010(13)		CONTRACT * 99538		
LEC JOB * HESLOOTICA				

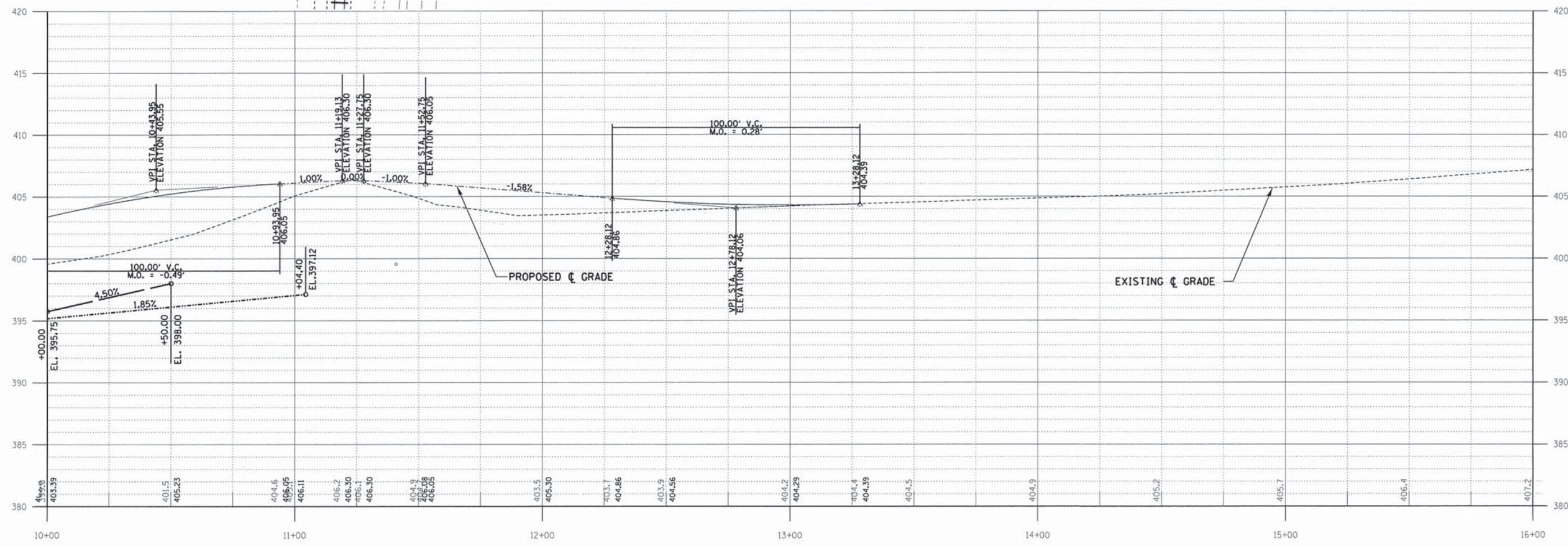
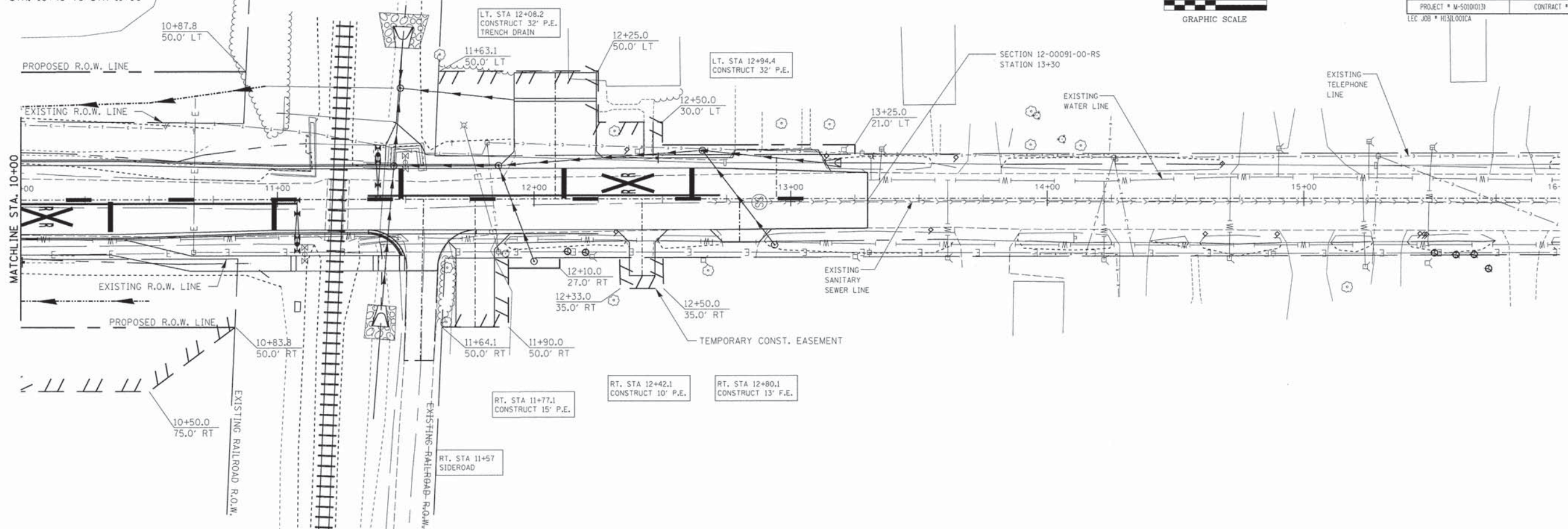
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AARON M. MEFFORD  
NAME  
SIGNATURE  
DATE  
11-30-15  
EXPIRES

CITY OF CARMI  
BURRELL STREET  
WHITE COUNTY, ILLINOIS



SHEET TITLE:

PLAN & PROFILE

SCALE:	VRIS
BY:	AMM
DATE:	6/9/15
REV:	

10 OF 30 SHEETS

SHEET NO.  
10



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	11
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		323 W. 3RD ST. P.O. BOX 160 MT. CARMEL, IL 62863
PROJECT * M-50100131		CONTRACT * 99538		PHONE: (618)-262-8651 FAX: (618)-263-3327
LEC JOB * H31L001CA				

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AARON M. MEFFORD  
NAME  
SIGNATURE  
DATE  
11-30-15  
EXPIRES

CITY OF CARM  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

SHEET TITLE:  
RAILROAD CROSSING LAYOUT

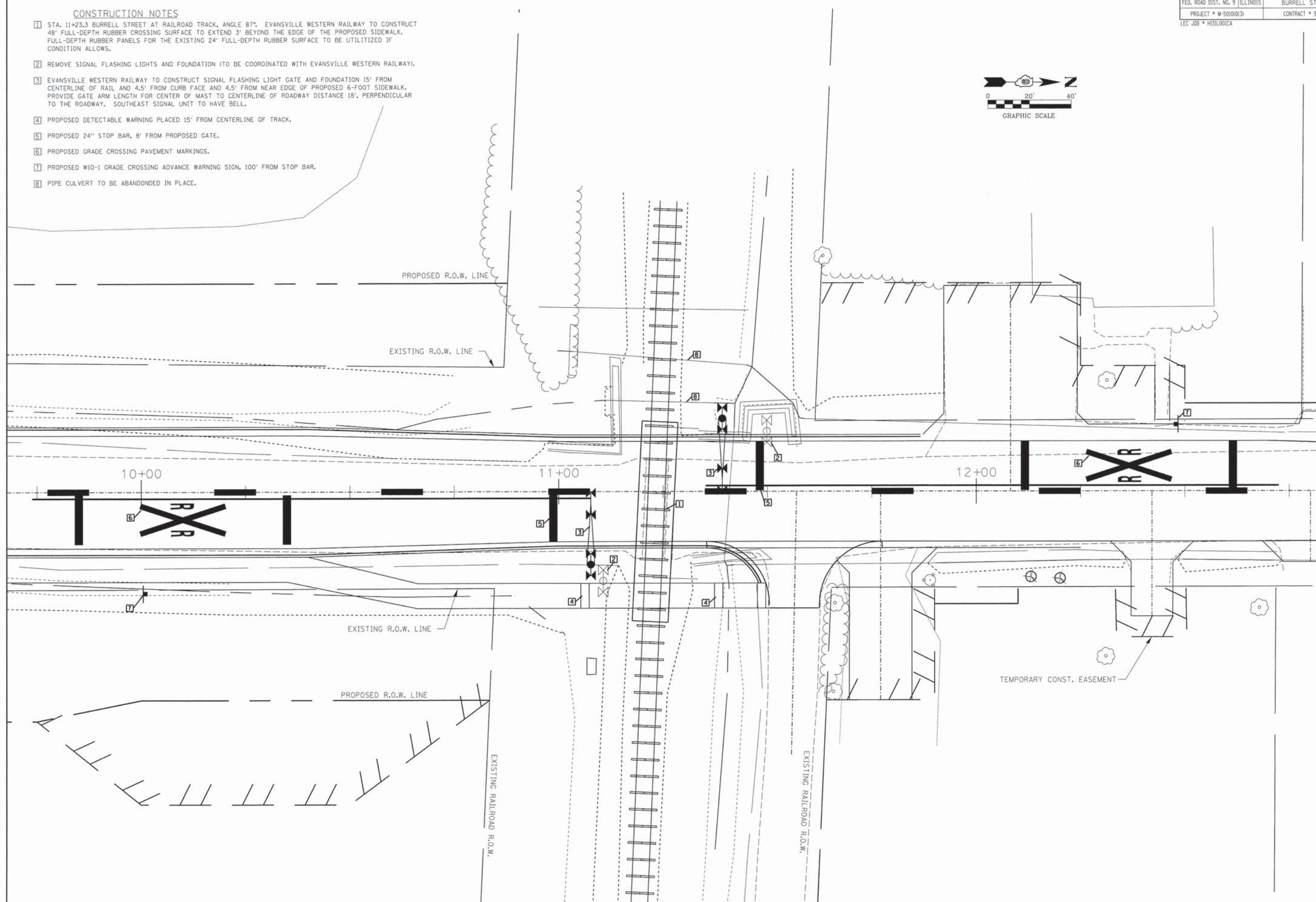
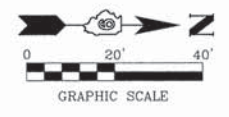
SCALE: VARS  
BY: AMM  
DATE: 9/8/15  
REV:

11 OF 30 SHEETS

SHEET NO.  
11

**CONSTRUCTION NOTES**

- 1 STA. 11+23.3 BURRELL STREET AT RAILROAD TRACK, ANGLE 87°. EVANSVILLE WESTERN RAILWAY TO CONSTRUCT 48" FULL-DEPTH RUBBER CROSSING SURFACE TO EXTEND 3' BEYOND THE EDGE OF THE PROPOSED SIDEWALK. FULL-DEPTH RUBBER PANELS FOR THE EXISTING 24" FULL-DEPTH RUBBER SURFACE TO BE UTILIZED IF CONDITION ALLOWS.
- 2 REMOVE SIGNAL FLASHING LIGHTS AND FOUNDATION (TO BE COORDINATED WITH EVANSVILLE WESTERN RAILWAY).
- 3 EVANSVILLE WESTERN RAILWAY TO CONSTRUCT SIGNAL FLASHING LIGHT GATE AND FOUNDATION 15' FROM CENTERLINE OF RAIL AND 4.5' FROM CURB FACE AND 4.5' FROM NEAR EDGE OF PROPOSED 6-FOOT SIDEWALK. PROVIDE GATE ARM LENGTH FOR CENTER OF MAST TO CENTERLINE OF ROADWAY DISTANCE 18', PERPENDICULAR TO THE ROADWAY. SOUTHEAST SIGNAL UNIT TO HAVE BELL.
- 4 PROPOSED DETECTABLE WARNING PLACED 15' FROM CENTERLINE OF TRACK.
- 5 PROPOSED 24" STOP BAR, 8' FROM PROPOSED GATE.
- 6 PROPOSED GRADE CROSSING PAVEMENT MARKINGS.
- 7 PROPOSED W10-1 GRADE CROSSING ADVANCE WARNING SIGN, 100' FROM STOP BAR.
- 8 PIPE CULVERT TO BE ABANDONDED IN PLACE.









FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	13

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NAME  
*Aaron Mefford*  
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6-24-15  
DATE  
11-30-15  
EXPIRES

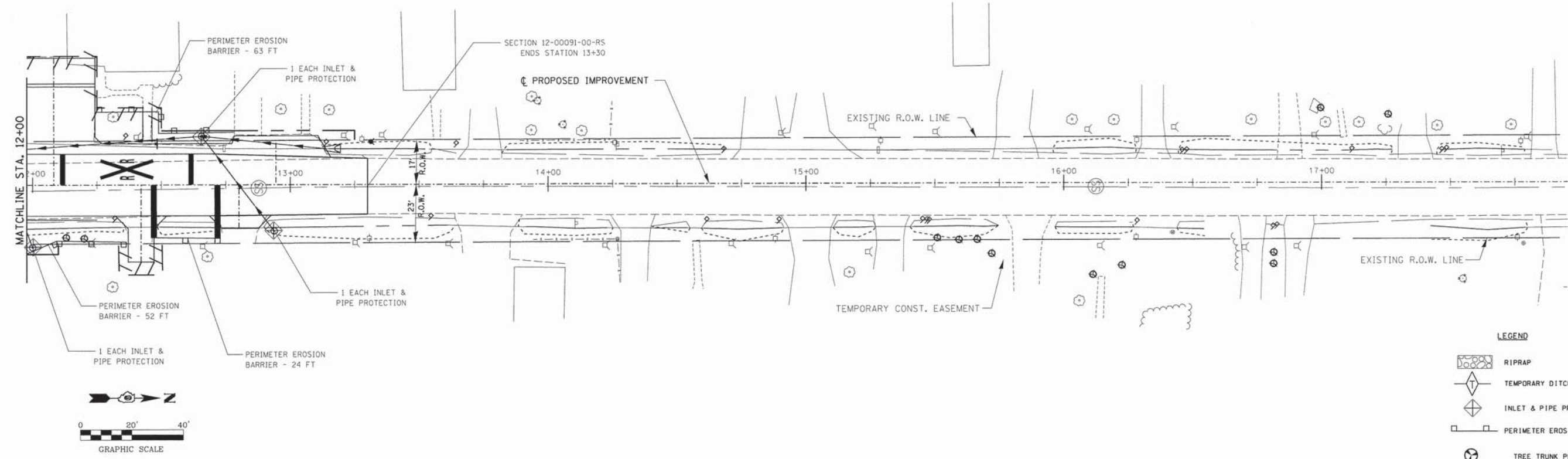
CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

SHEET TITLE:  
EROSION  
CONTROL PLAN

SCALE: VARS  
BY: AMM  
DATE: 6/15/15  
REV:

13 OF 30  
SHEETS

SHEET NO.  
13





FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B776	12-00091-00-R5	WHITE	30	14
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC. JOB # H31000CA				

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NAME  
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11-30-15  
EXPIRES

CITY OF CARM  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

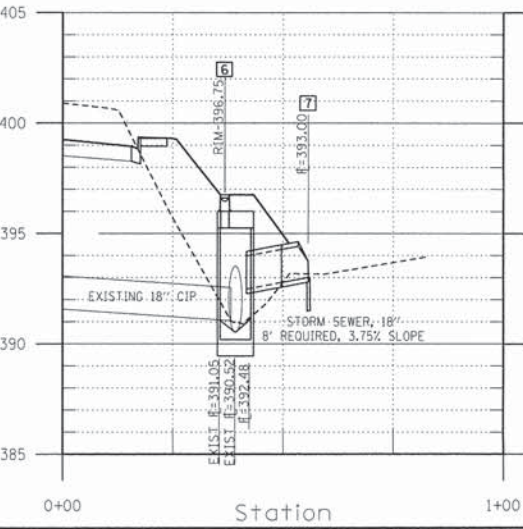
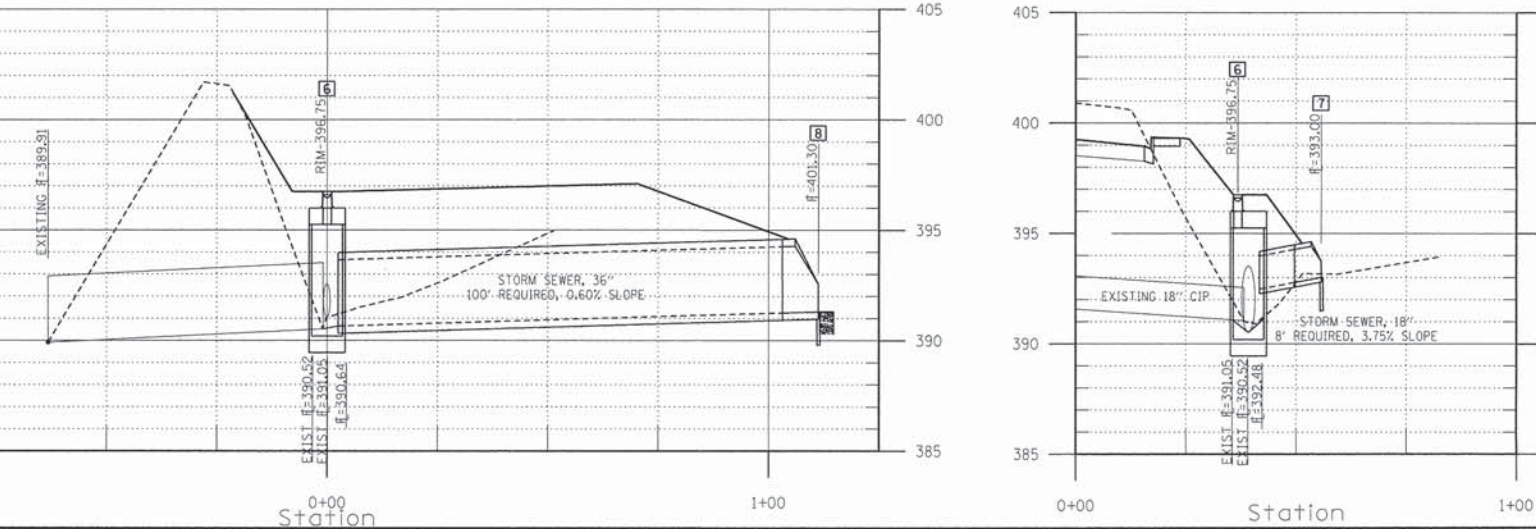
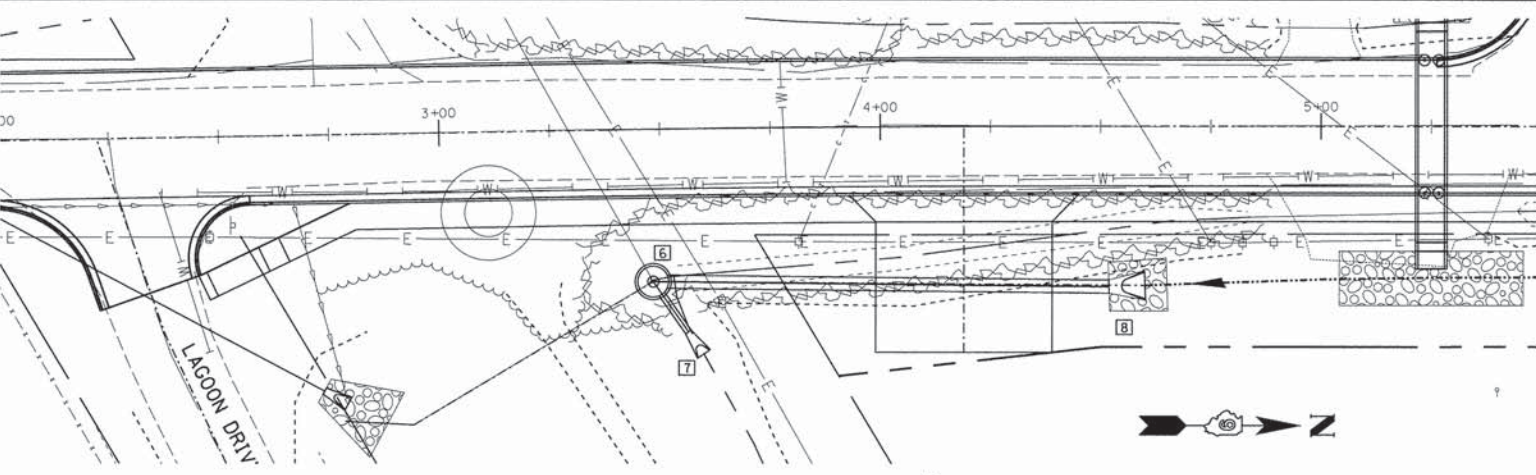
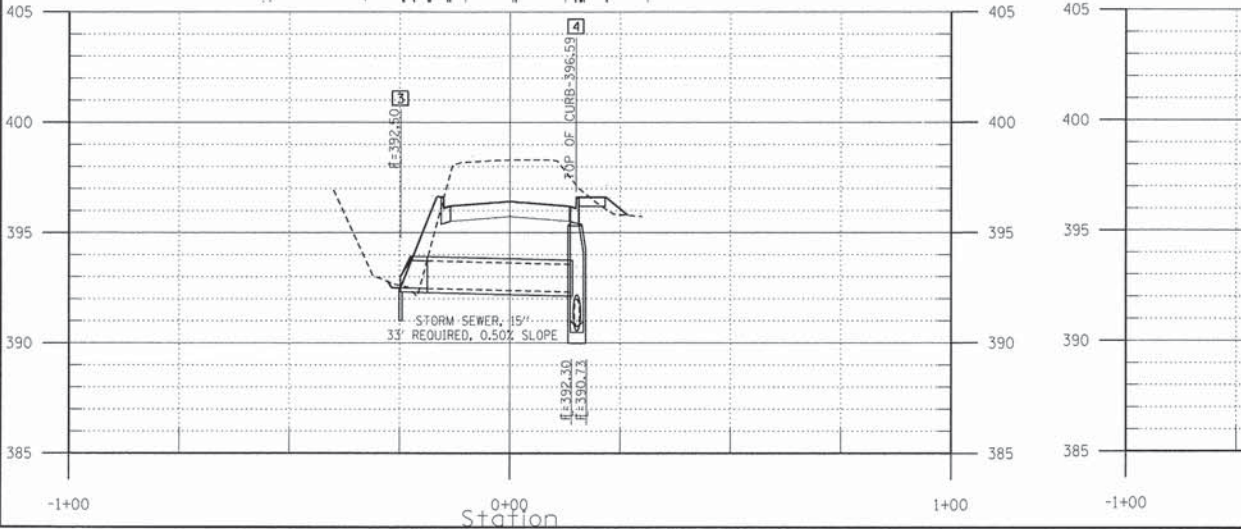
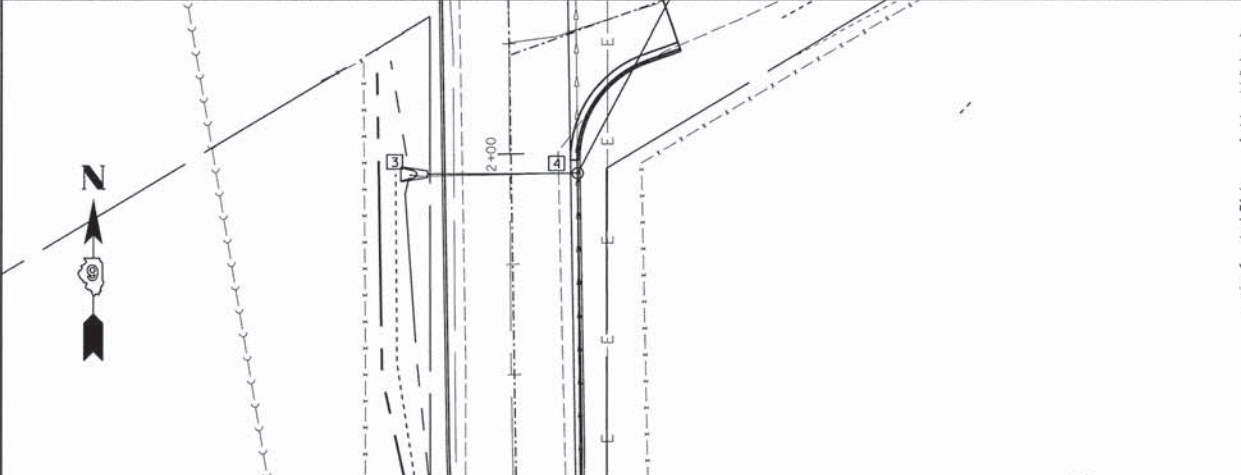
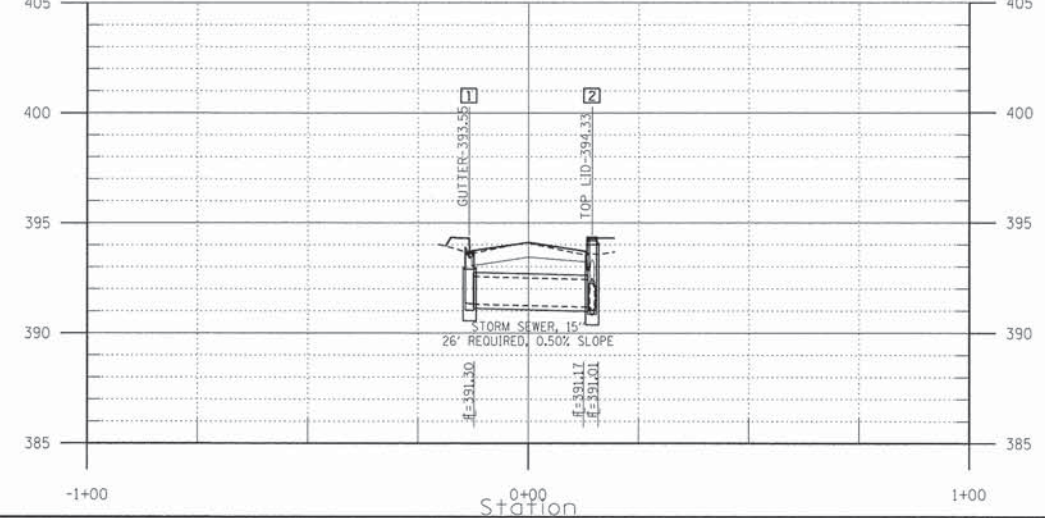
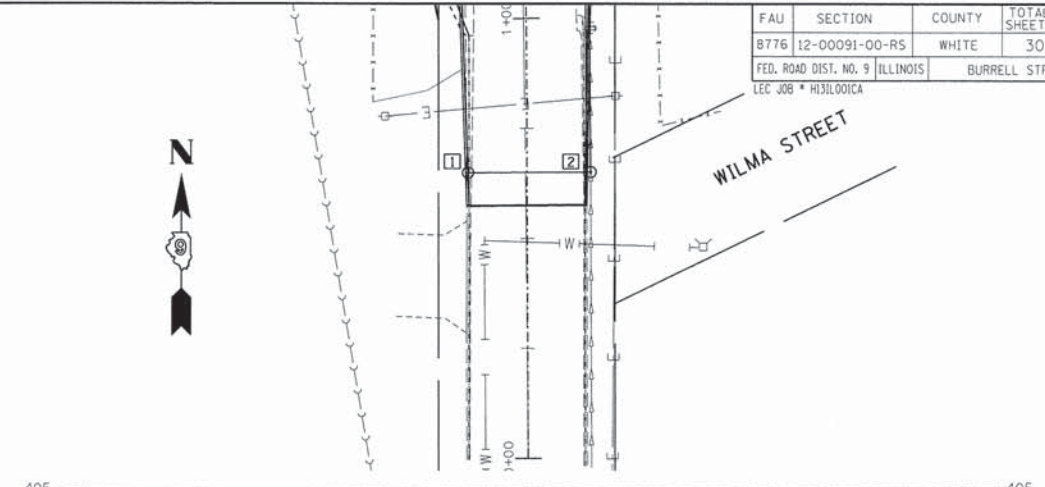
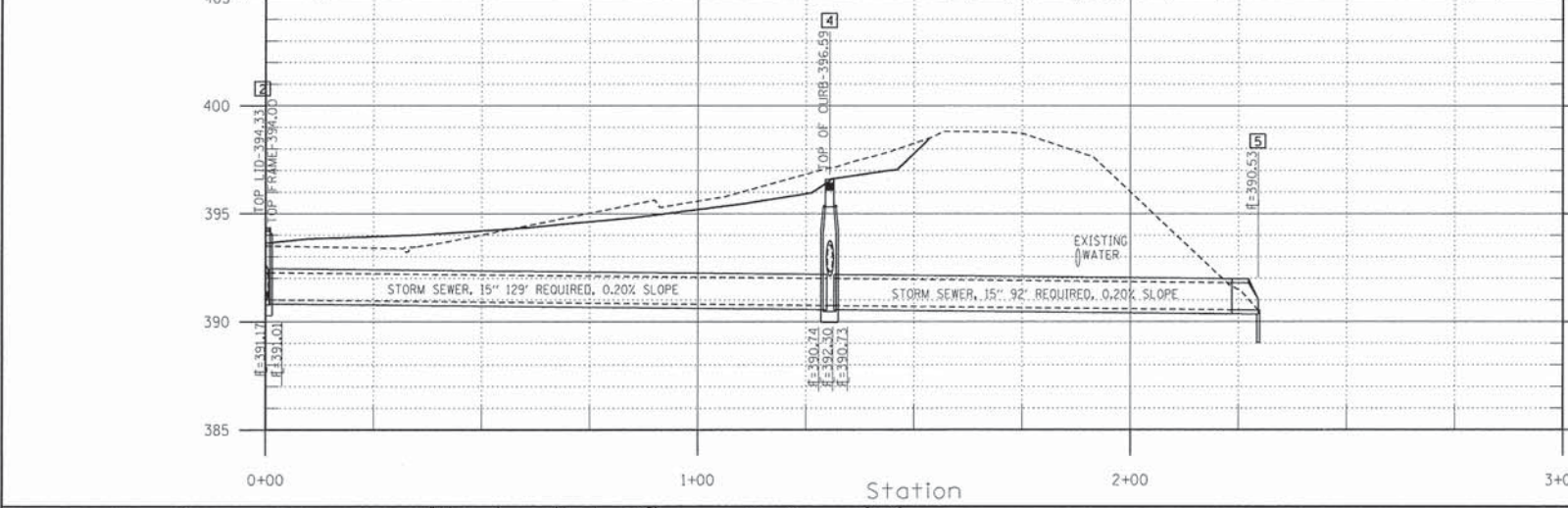
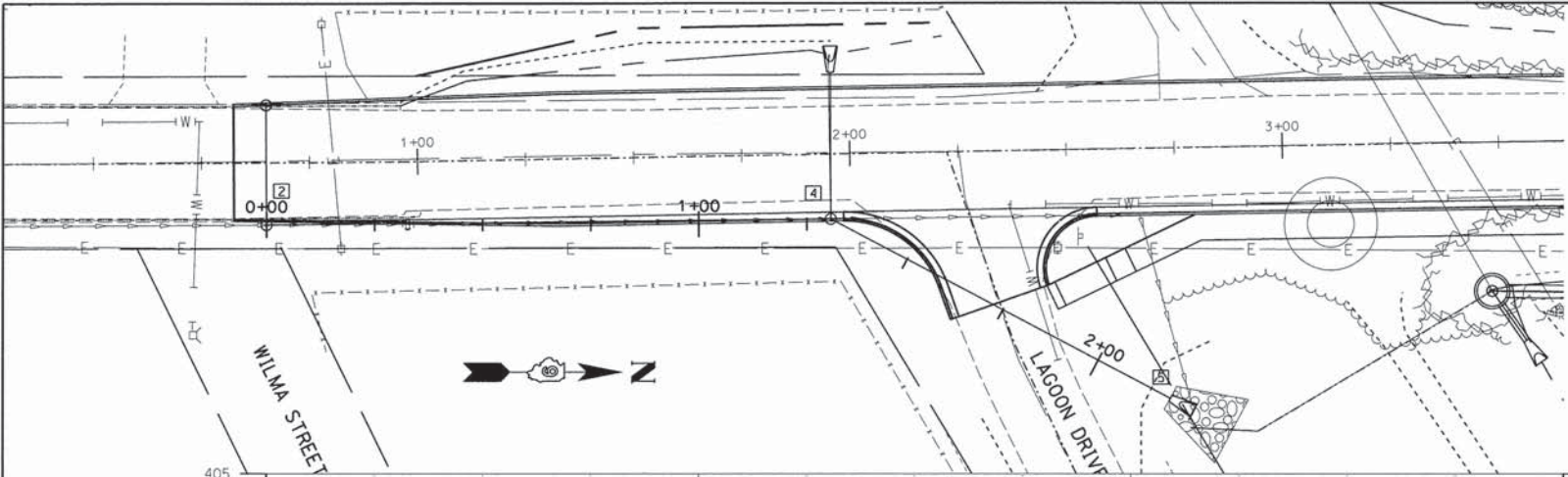
SHEET TITLE:

STORM SEWER  
PLAN & PROFILE

SCALE: VARS  
BY: AMM  
DATE: 6/9/15  
REV:

14 OF 30  
SHEETS

SHEET NO.  
14





FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-R5	WHITE	30	15
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H31LD00CA				

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(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMI  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

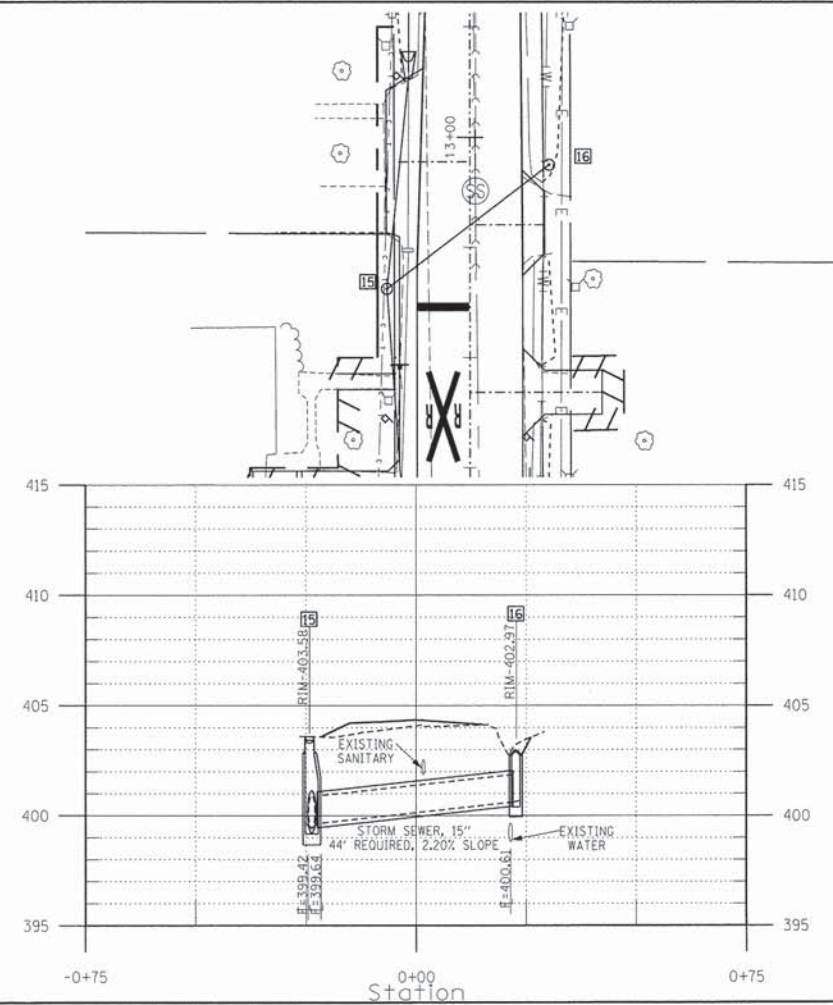
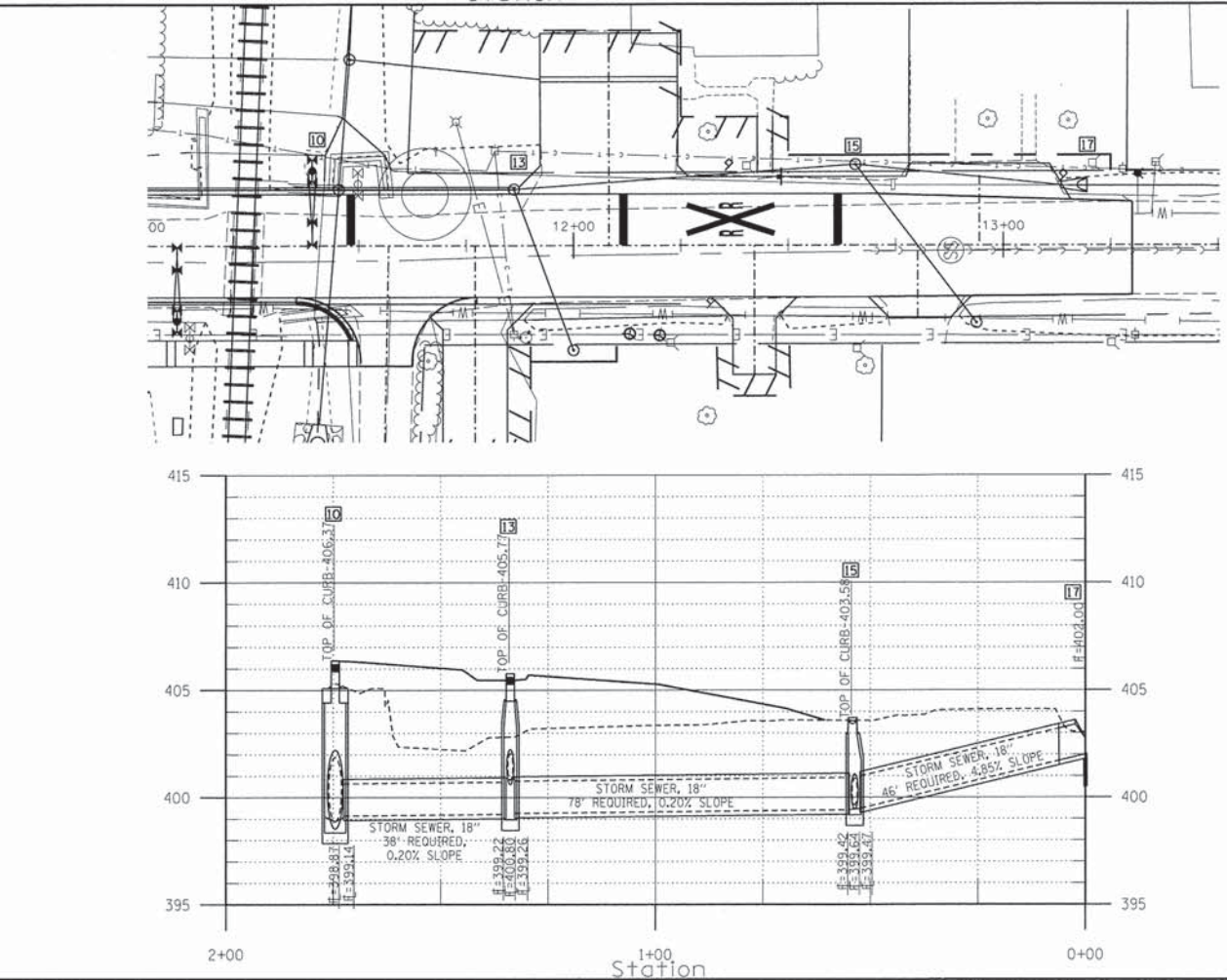
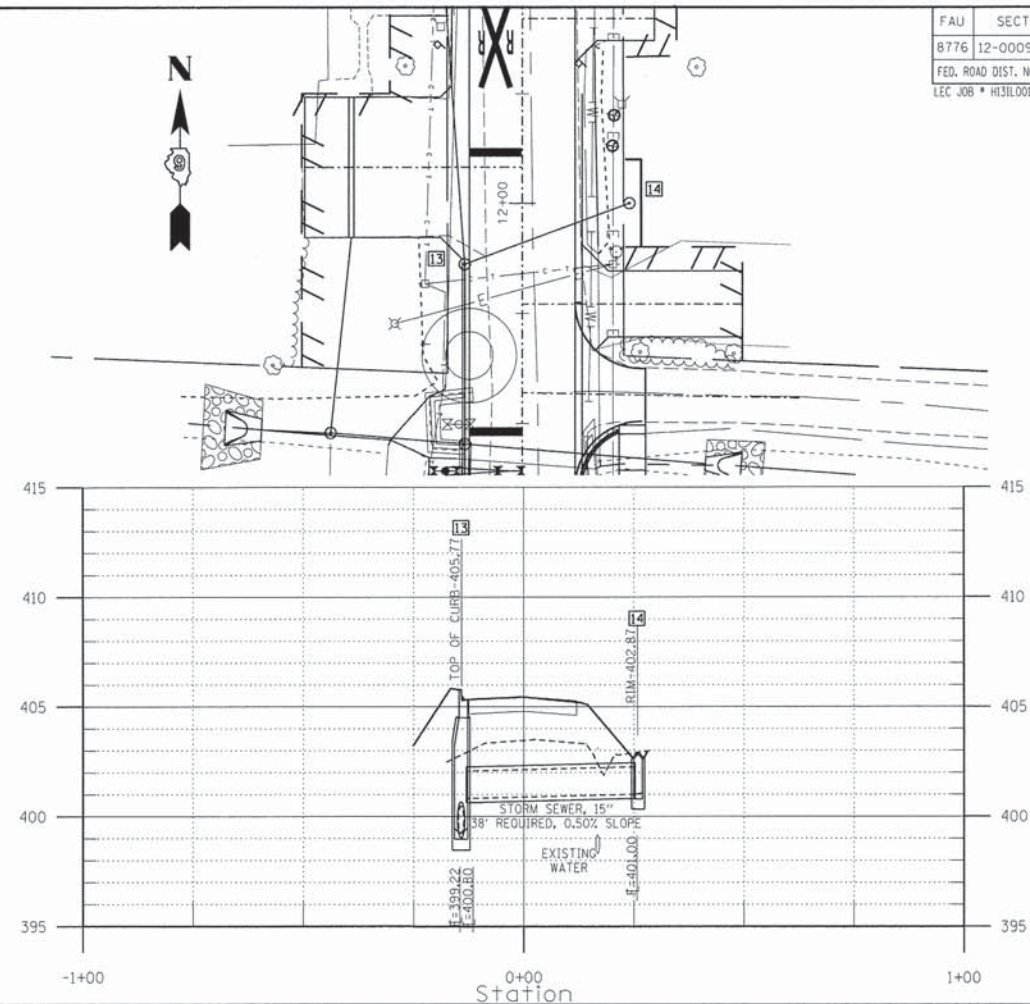
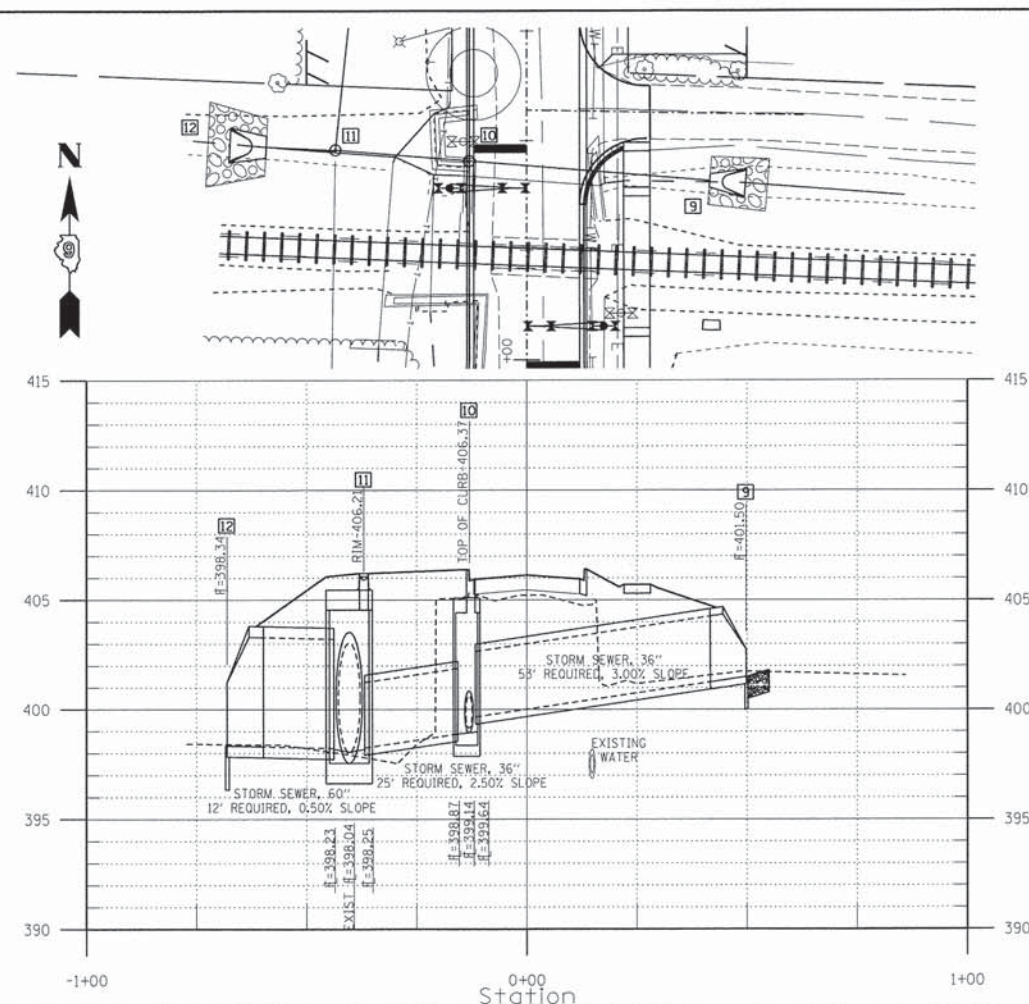
SHEET TITLE:

STORM SEWER  
PLAN & PROFILE

SCALE: VARS  
BY: AMM  
DATE: 8/95  
REV:

15 OF 30  
SHEETS

SHEET NO.  
15

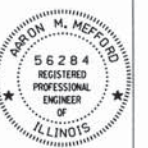




FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	16
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H31000CA				

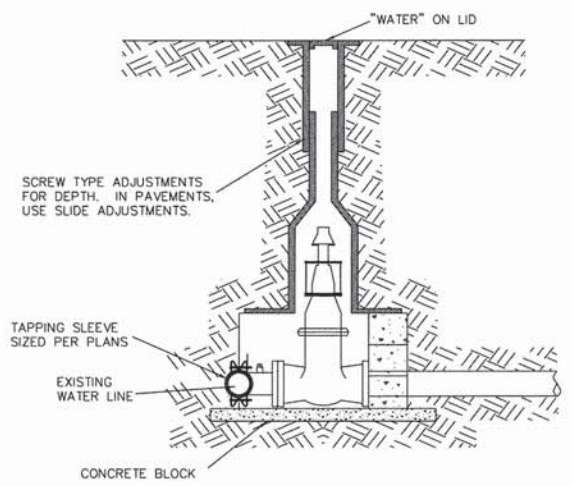
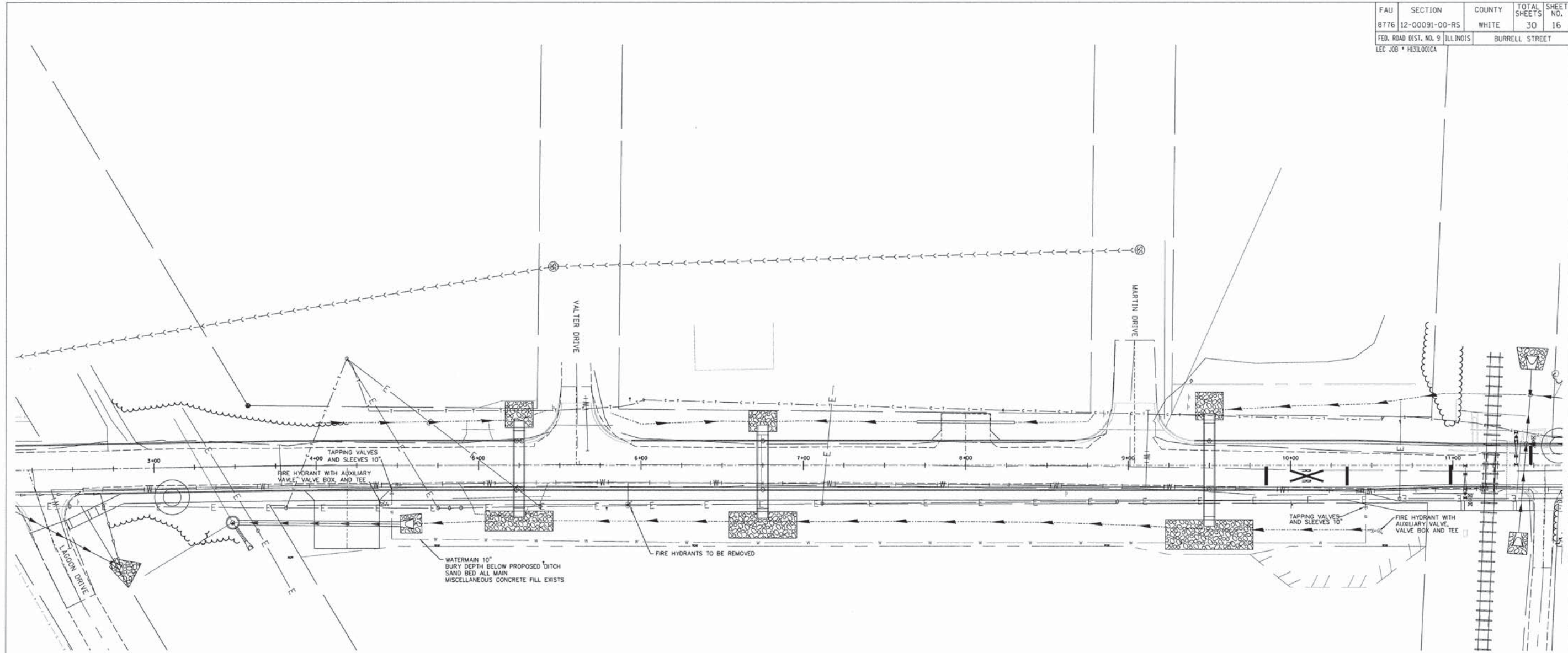
323 W. 3RD ST.  
P.O. BOX 160  
MT. CARMEL, IL  
62863  
PHONE:  
(618)-262-8651  
FAX:  
(618)-263-3327

PROFESSIONAL  
DESIGN FIRM  
LAND SURVEY &  
PROFESSIONAL  
ENGINEERING  
CORPORATION  
184-000887  
(62-032435)(35-002769)

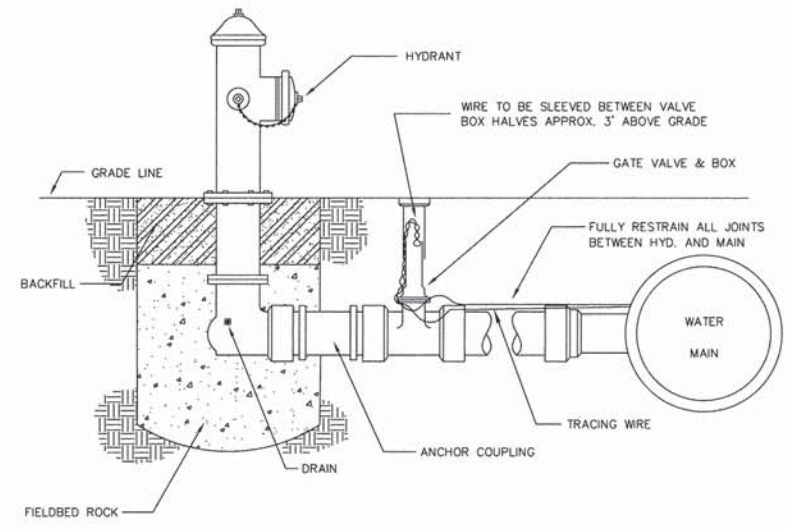


AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS



**TAPPING SLEEVE AND VALVE ASSEMBLY** (1/16)  
NOT TO SCALE



**TYPICAL FIRE HYDRANT INSTALLATION** (2/16)  
NOT TO SCALE

SHEET TITLE:  
WATERMAIN RELOCATION

SCALE:	VARES
BY:	AMM
DATE:	6/9/15
REV:	

16 OF 30 SHEETS  
SHEET NO. 16



**GENERAL NOTES:**

PROPOSED GRADES ARE AT CENTERLINE AND EDGE OF PAVEMENT.  
 ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	17

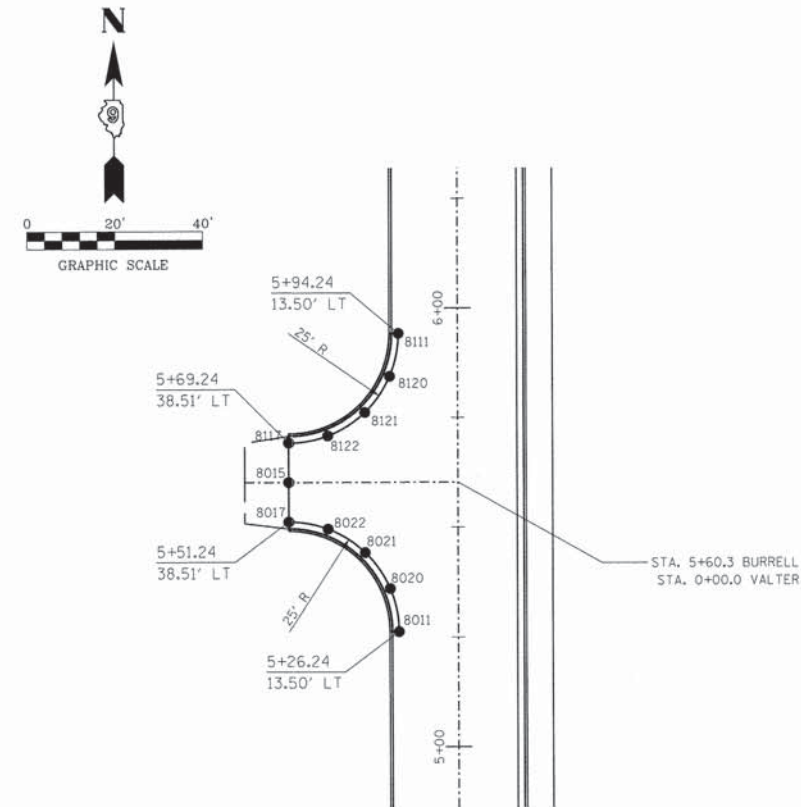
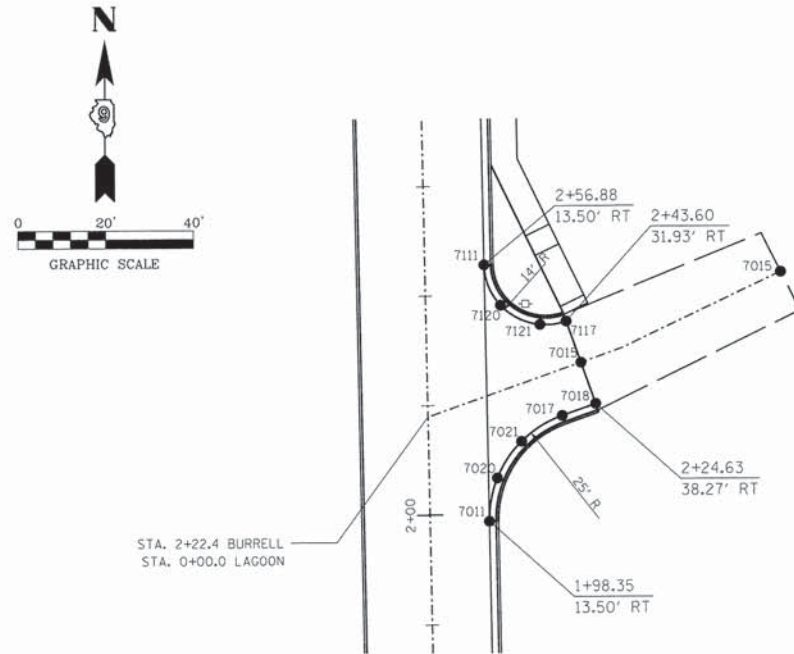
FED. ROAD DIST. NO. 9 ILLINOIS BURRELL STREET  
 LEC JOB # H31001CA

323 W. 3RD ST.  
 P.O. BOX 160  
 MT. CARMEL, IL 62863  
 PHONE: (618)-262-8651  
 FAX: (618)-263-3327

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 LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
 184-00087  
 (62-032435)(35-002769)

POINT NUMBER	ELEV.	BURRELL STREET		LAGOON DRIVE	
		STA. M.L.	OFF. M.L.	STA. M.L.	OFF. M.L.
7011	396.28	1+98.35	13.50 RT.	0+05.21	27.08 RT.
7020	396.61	2+08.15	15.50 RT.	0+10.21	18.42 RT.
7021	396.87	2+16.38	21.18 RT.	0+18.21	12.41 RT.
7022	396.93	2+21.72	29.63 RT.	0+27.92	10.02 RT.
7017	396.90	2+22.06	30.58 RT.	0+28.93	10.00 RT.
7018	396.84	2+24.63	38.27 RT.	0+37.03	10.00 RT.
7015	397.00	2+34.11	35.10 LT.	37.03 LT.	00.00 RT.
7111	398.25	2+56.88	13.50 RT.	0+23.75	28.43 LT.
7120	397.85	2+47.54	17.07 RT.	0+24.18	18.44 LT.
7121	397.36	2+42.96	25.96 RT.	0+31.16	11.29 LT.
7117	397.16	2+43.60	31.93 RT.	0+37.03	10.00 LT.
7115	396.42	2+53.83	80.96 RT.	0+87.03	00.00 LT.

POINT NUMBER	ELEV.	BURRELL STREET		VALTER DRIVE	
		STA. M.L.	OFF. M.L.	STA. M.L.	OFF. M.L.
8011	396.09	5+26.24	13.50 LT.	0+13.50	34.00 LT.
8020	396.15	5+36.04	15.50 LT.	0+15.51	24.21 LT.
8021	396.24	5+44.27	21.18 LT.	0+21.19	15.98 LT.
8022	396.33	5+49.62	29.63 LT.	0+29.63	10.63 LT.
8017	396.42	5+51.24	38.51 LT.	0+38.51	09.00 LT.
8015	396.56	5+60.24	38.51 LT.	0+38.51	00.00 LT.
8111	396.49	5+94.24	13.50 LT.	0+13.49	34.00 RT.
8120	396.47	5+84.45	15.50 LT.	0+15.49	24.19 RT.
8121	396.44	5+76.22	21.18 LT.	0+21.17	15.97 RT.
8122	396.41	5+70.87	29.63 LT.	0+29.63	10.62 RT.
8117	396.38	5+69.24	38.51 LT.	0+38.51	09.00 RT.



AARON M. MEFFORD  
 NAME  
 SIGNATURE  
 DATE  
 11-30-15  
 EXPIRES

CITY OF CARMEL  
 BURRELL STREET  
 WHITE COUNTY, ILLINOIS

SHEET TITLE:  
 INTERSECTION DETAILS

SCALE: VARS  
 BY: AMM  
 DATE: 4/15  
 REV:

17 OF 30 SHEETS  
 SHEET NO. 17



**GENERAL NOTES:**

PROPOSED GRADES ARE AT CENTERLINE AND EDGE OF PAVEMENT.  
 ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-R5	WHITE	30	18

FED. ROAD DIST. NO. 9 ILLINOIS BURRELL STREET  
 LEC JOB # H3JL0001CA

323 W. 3RD ST.  
 P.O. BOX 160  
 MT. CARMEL, IL  
 62863  
 PHONE:  
 (618)-262-8651  
 FAX:  
 (618)-263-3327

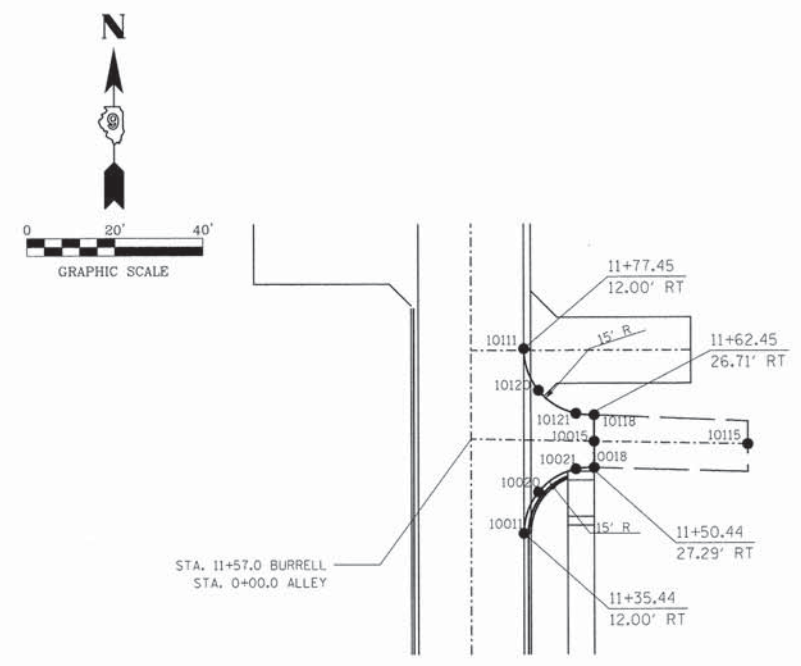
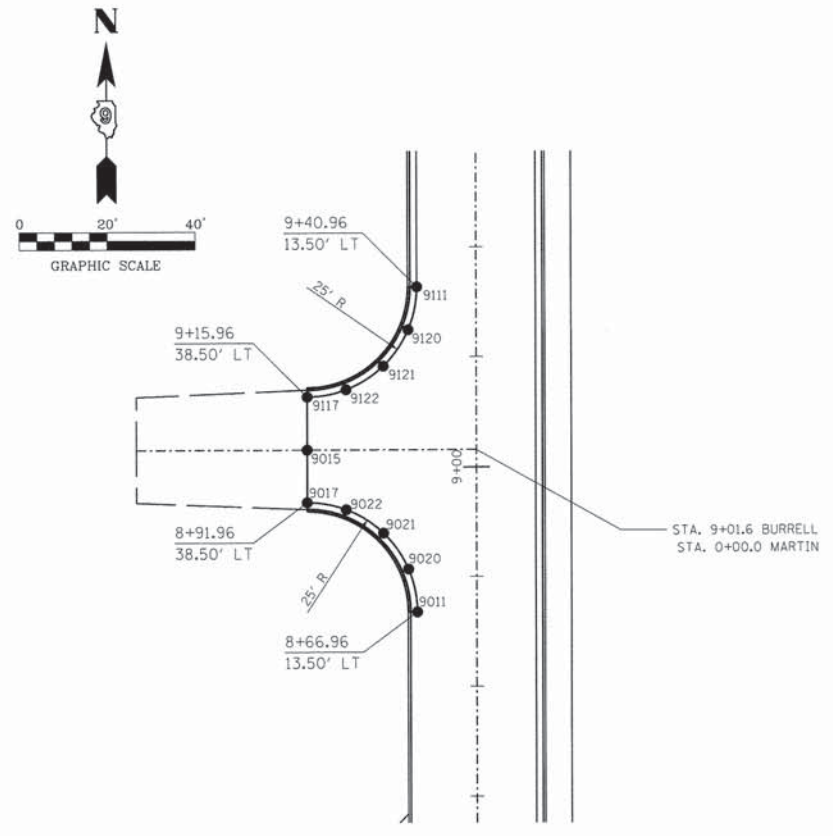
PROFESSIONAL DESIGN FIRM  
 LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
 184-00887  
 (62-032435)(35-002769)



AARON M. MEFFORD  
 NAME  
*Aaron M. Mefford*  
 SIGNATURE  
 6-24-15  
 DATE  
 11-30-15  
 EXPIRES

BURRELL STREET & MARTIN DRIVE					
POINT NUMBER	ELEV.	BURRELL STREET		MARTIN DRIVE	
		STA. M.L.	OFF. M.L.	STA. M.L.	OFF. M.L.
9011	398.52	8+66.96	13.50 LT.	0+13.50	37.00 LT.
9020	398.74	8+76.76	15.50 LT.	0+15.50	27.20 LT.
9021	399.02	8+84.99	21.18 LT.	0+21.18	18.97 LT.
9022	399.18	8+90.33	29.63 LT.	0+29.63	13.63 LT.
9017	399.21	8+91.96	38.50 LT.	0+38.50	12.00 LT.
9015	399.40	9+03.96	38.50 LT.	0+38.50	00.00 LT.
9111	400.60	9+40.96	13.50 LT.	0+13.50	37.00 RT.
9120	400.29	9+31.16	15.50 LT.	0+15.50	27.20 RT.
9121	399.98	9+22.93	21.18 LT.	0+21.18	18.97 RT.
9122	399.67	9+17.58	29.63 LT.	0+29.63	13.63 RT.
9117	399.36	9+15.96	38.50 LT.	0+38.50	12.00 RT.

BURRELL STREET & ALLEY					
POINT NUMBER	ELEV.	BURRELL STREET		ALLEY	
		STA. M.L.	OFF. M.L.	STA. M.L.	OFF. M.L.
10011	406.02	11+35.44	12.00 RT.	0+12.42	21.29 RT.
10020	405.87	11+44.87	15.33 RT.	0+15.57	11.80 RT.
10021	405.70	11+50.11	23.85 RT.	0+23.98	06.40 RT.
10017	405.65	11+50.44	27.29 RT.	0+27.42	06.00 RT.
10018	405.64	11+50.43	28.00 RT.	0+28.12	06.00 RT.
10015	405.59	11+56.43	28.00 RT.	0+28.01	00.00 RT.
10111	405.60	11+77.45	12.00 RT.	0+11.60	20.71 LT.
10120	405.66	11+68.02	15.33 RT.	0+15.11	11.35 LT.
10121	405.58	11+62.78	23.85 RT.	0+23.73	06.28 LT.
10117	405.54	11+62.45	26.71 RT.	0+26.60	06.00 LT.
10118	405.53	11+62.43	28.00 RT.	0+27.89	06.00 LT.
10115	403.38	11+55.74	63.00 RT.	0+63.01	00.00 LT.



CITY OF CARMEL  
 BURRELL STREET  
 WHITE COUNTY, ILLINOIS

SHEET TITLE:  
 INTERSECTION DETAILS

SCALE:	VARS
BY:	AMM
DATE:	4/2/15
REV:	

18 OF 30 SHEETS  
 SHEET NO. 18



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	19

323 W. 3RD ST.  
P.O. BOX 160  
MT. CARMEL, IL  
62863  
PHONE:  
(618)-262-8651  
FAX:  
(618)-263-3327

PROFESSIONAL  
DESIGN FIRM  
LAND SURVEY &  
PROFESSIONAL  
ENGINEERING  
CORPORATION  
184-000887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

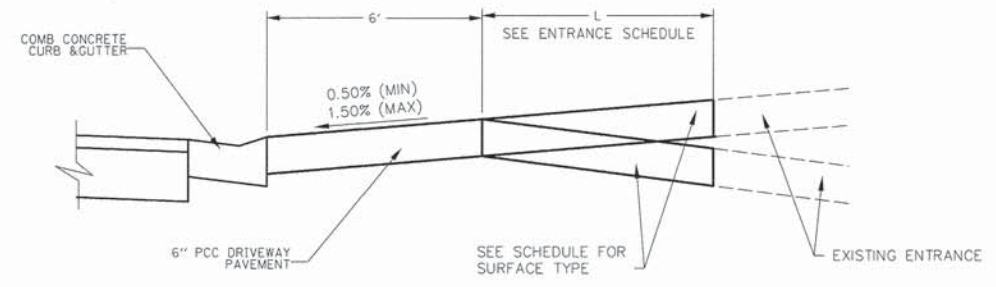
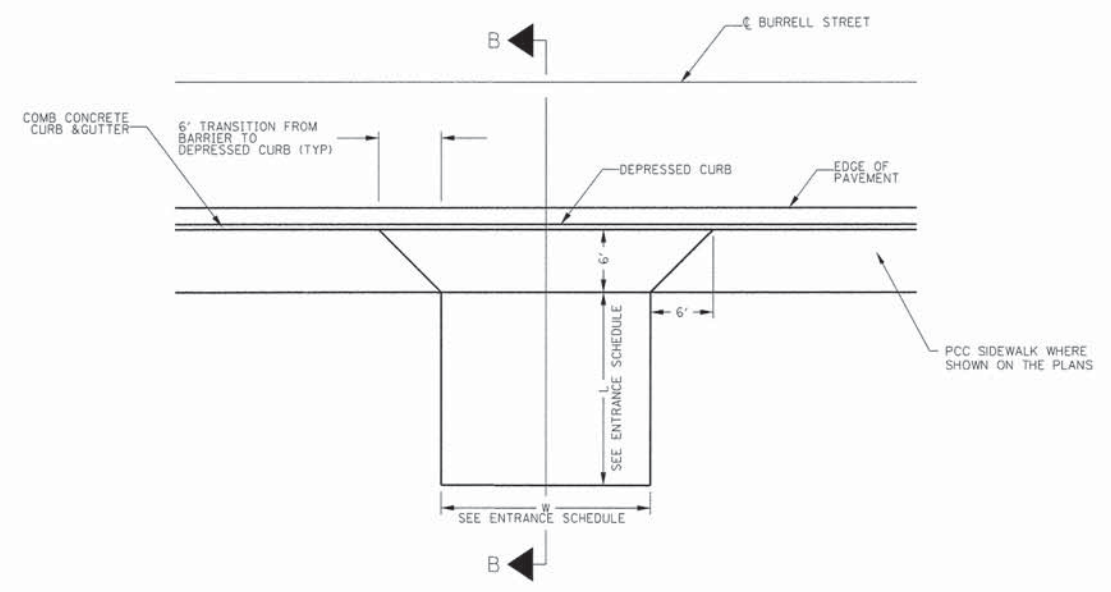
CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

SHEET TITLE:  
PRIVATE  
ENTRANCE DETAILS  
SCALE: VARS  
BY: AMM  
DATE: 4/9/15  
REV:

19 OF 30  
SHEETS  
SHEET NO.  
19

### PRIVATE ENTRANCE DETAIL

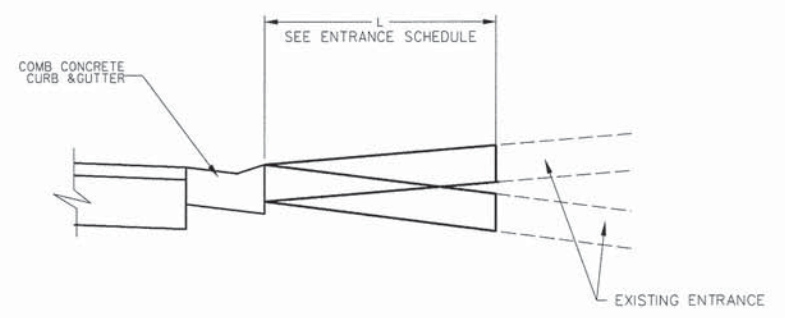
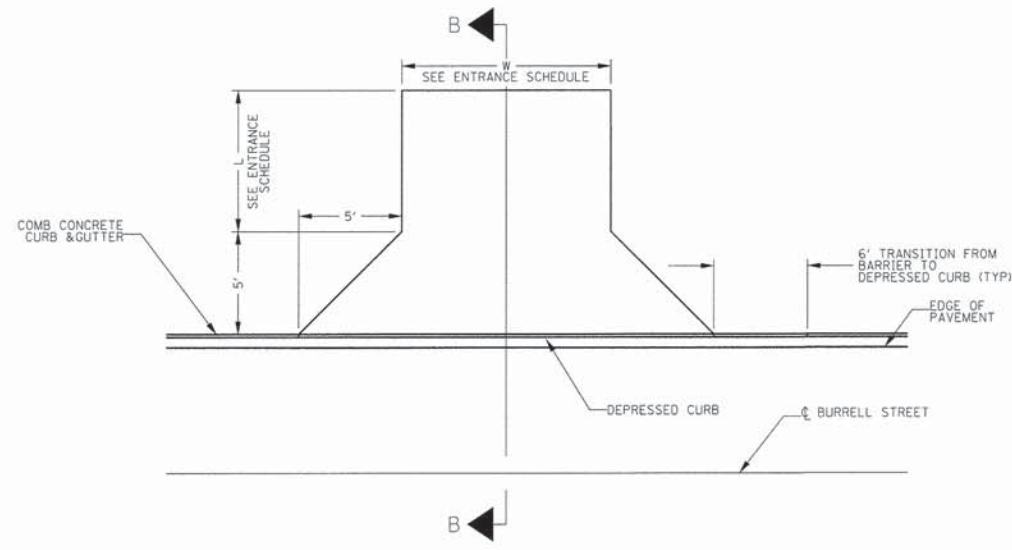
WITH SIDEWALK



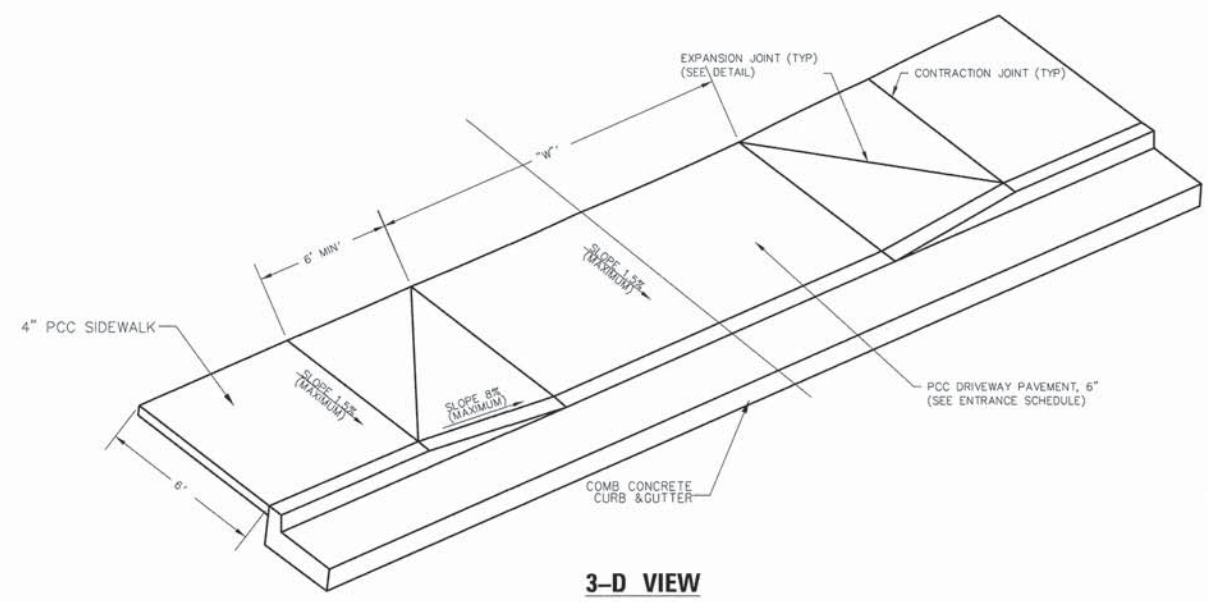
**SECTION B-B**

### PRIVATE ENTRANCE DETAIL

WITHOUT SIDEWALK



**SECTION B-B**



**3-D VIEW**



# PRECAST BOX CULVERT INLETS

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	20
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
PROJECT • M-5010(0)31		CONTRACT • 99538		
LEC JOB • H131.001CA				

323 W. 3RD ST.  
P.O. BOX 160  
MT. CARMEL, IL  
62863  
PHONE:  
(618)-262-8651  
FAX:  
(618)-263-3327

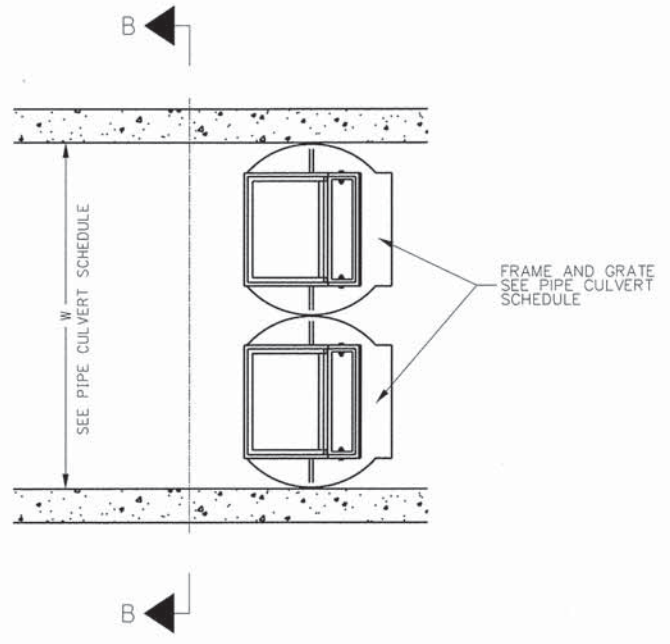
PROFESSIONAL  
DESIGN FIRM  
LAND SURVEY &  
PROFESSIONAL  
ENGINEERING  
CORPORATION  
184-00087  
(62-032435)(35-002769)



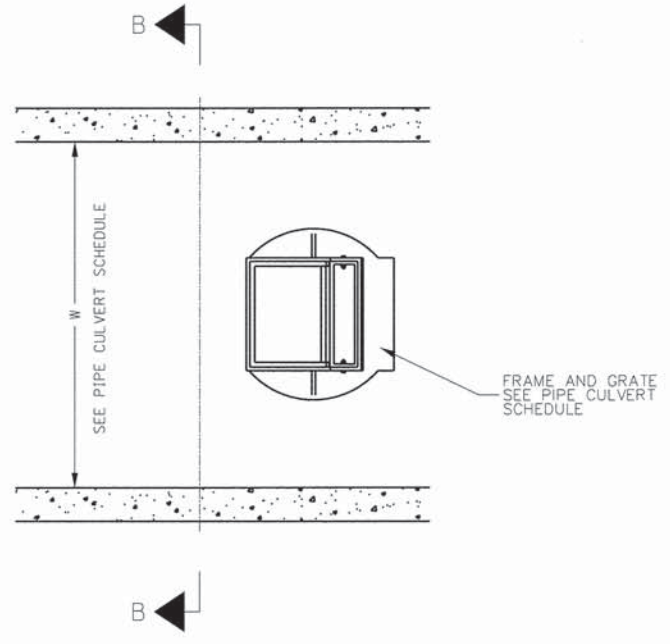
AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

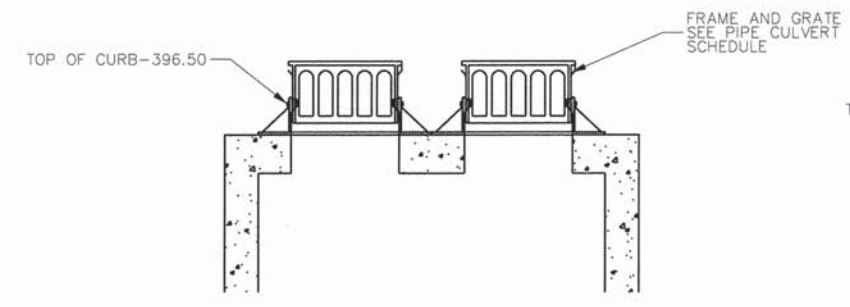
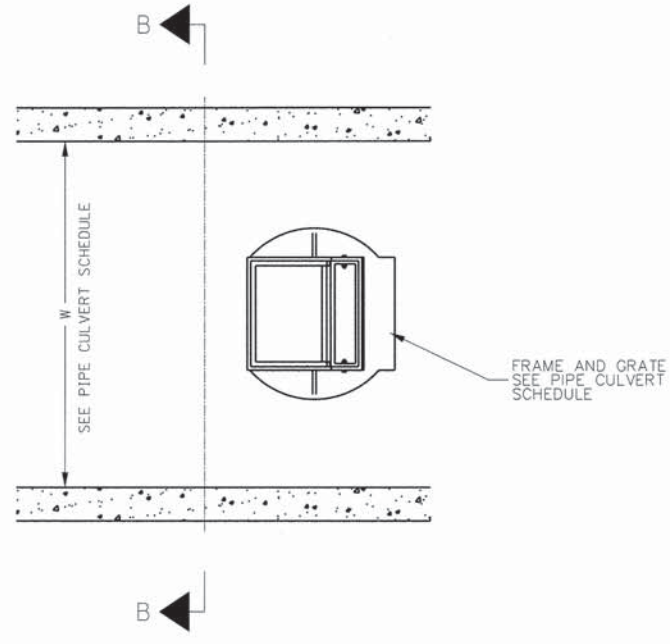
STA 5+25



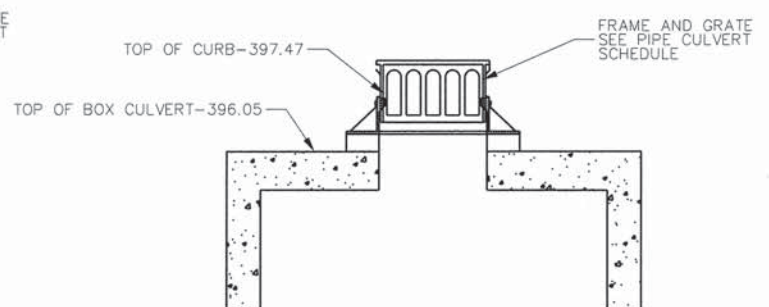
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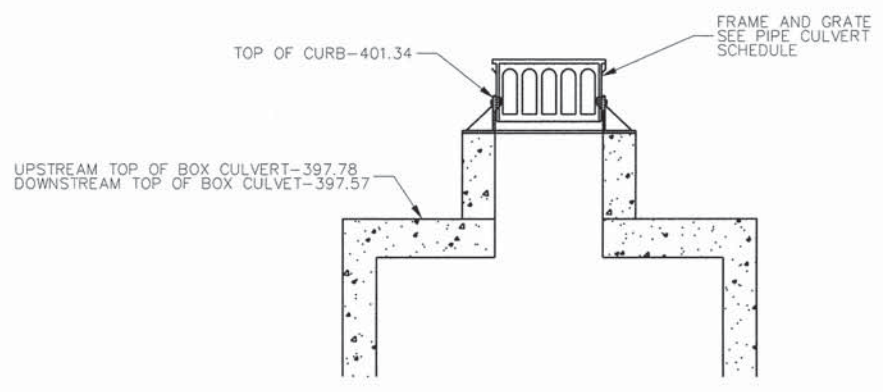
STA 9+50



SECTION B-B



SECTION B-B



SECTION B-B

SHEET TITLE:

BOX CULVERT  
DETAILS

SCALE:	VARIES
BY:	AMM
DATE:	4/9/15
REV:	

20 OF 30  
SHEETS

SHEET NO.  
20



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	21
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H31L001CA				

323 W. 3RD ST.  
P.O. BOX 160  
MT. CARMEL, IL  
62863  
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(618)-262-8651  
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DESIGN FIRM  
LAND SURVEY &  
PROFESSIONAL  
ENGINEERING  
CORPORATION  
184-000887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron Mefford*  
SIGNATURE  
DATE  
6-24-15  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

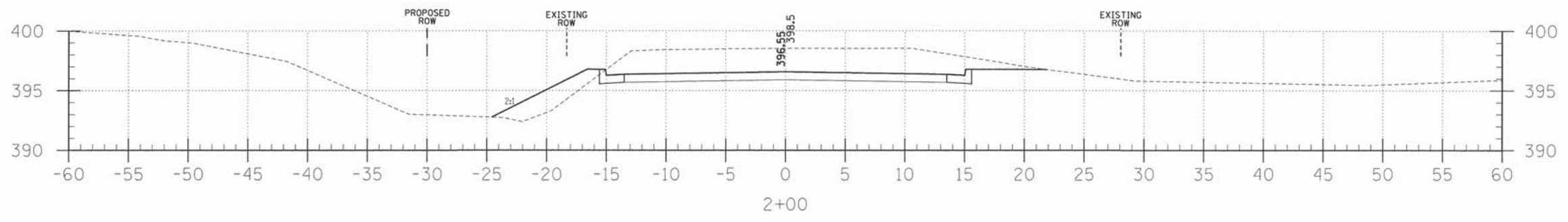
SHEET TITLE:

CROSS SECTIONS

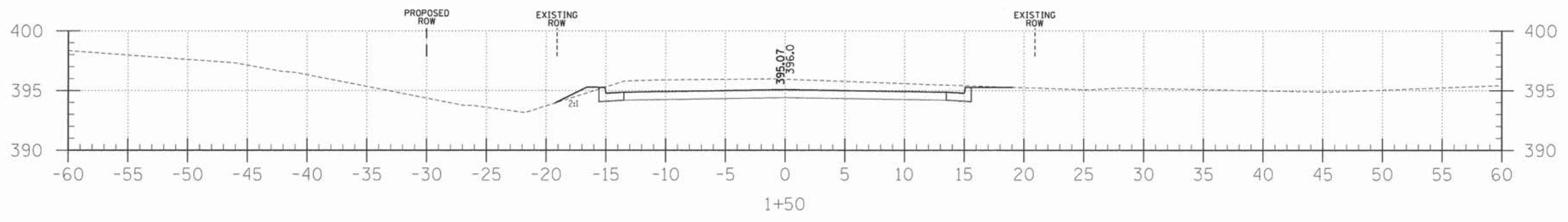
SCALE: 1"=5'  
BY: AMM  
DATE: 6/8/15  
REV:

21 OF 30  
SHEETS

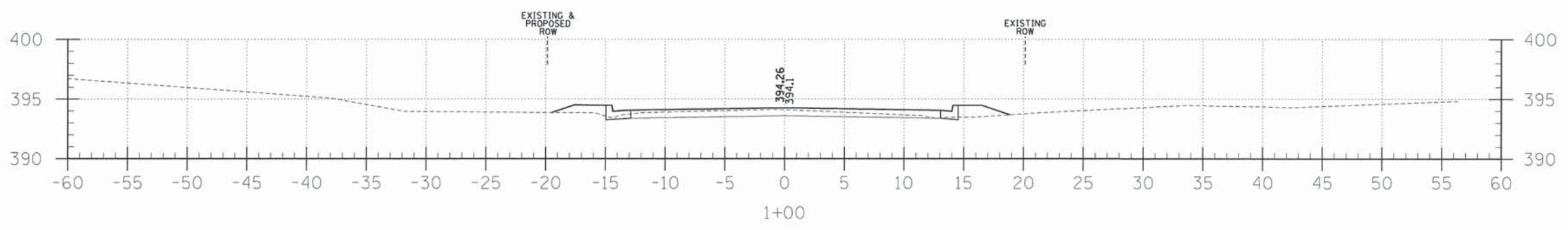
SHEET NO.  
21



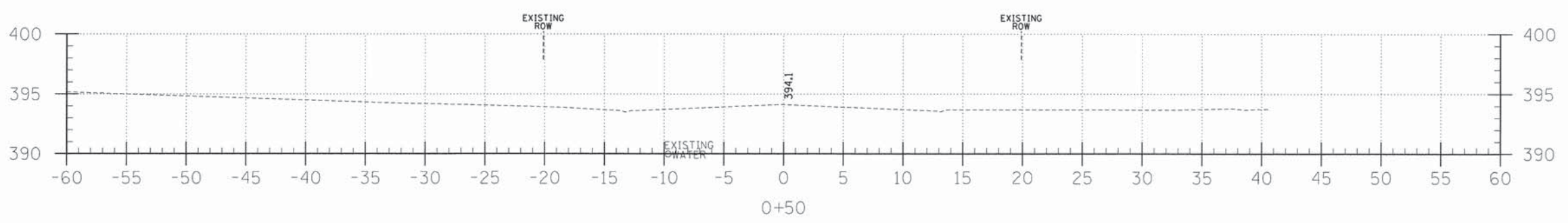
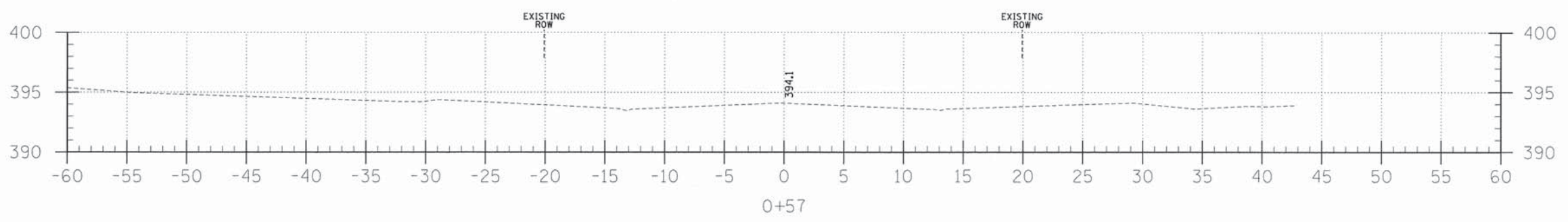
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F = 12.0



C = 46.5  
F = 1.0



C = 11.2  
F = 5.5



0+50



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	22
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H31001CA				

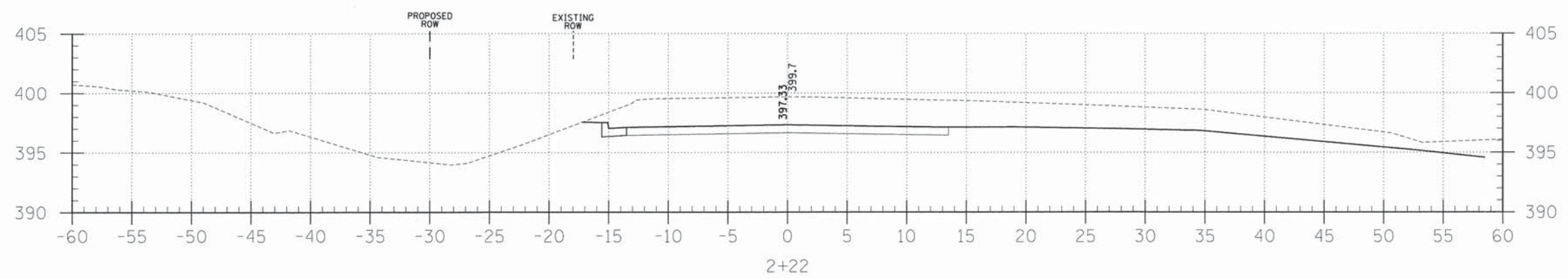
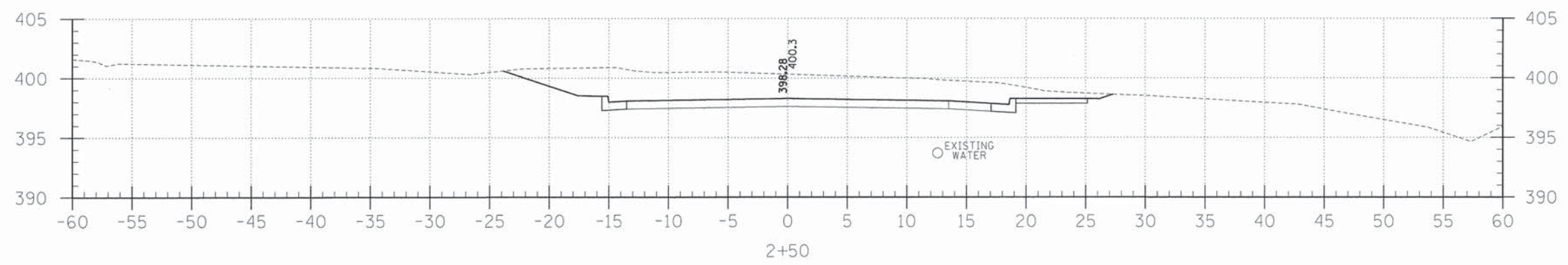
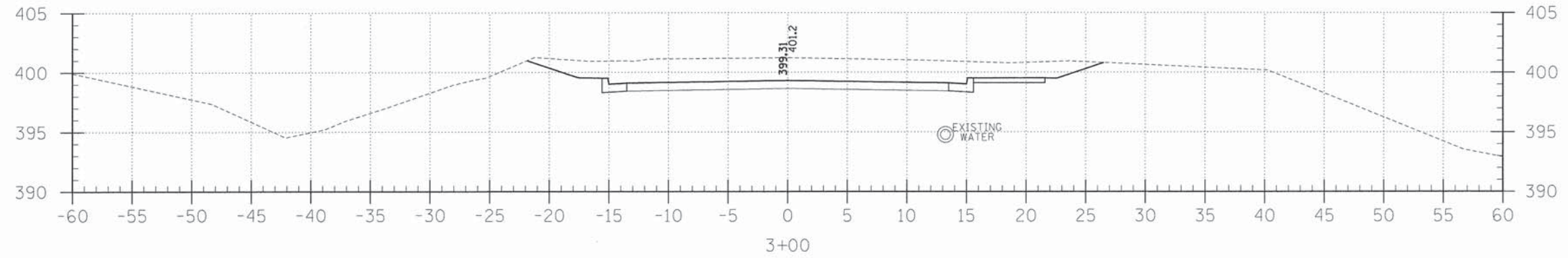
323 W. 3RD ST.  
P.O. BOX 160  
MT. CARMEL, IL  
62863  
PHONE:  
(618)-262-8651  
FAX:  
(618)-263-3327

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DESIGN FIRM  
LAND SURVEY &  
PROFESSIONAL  
ENGINEERING CORPORATION  
184-000887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron Mefford*  
SIGNATURE  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS



SHEET TITLE:

CROSS SECTIONS

SCALE: 1"=5'  
BY: AMM  
DATE: 9/9/15  
REV:

22 OF 30 SHEETS

SHEET NO.  
22



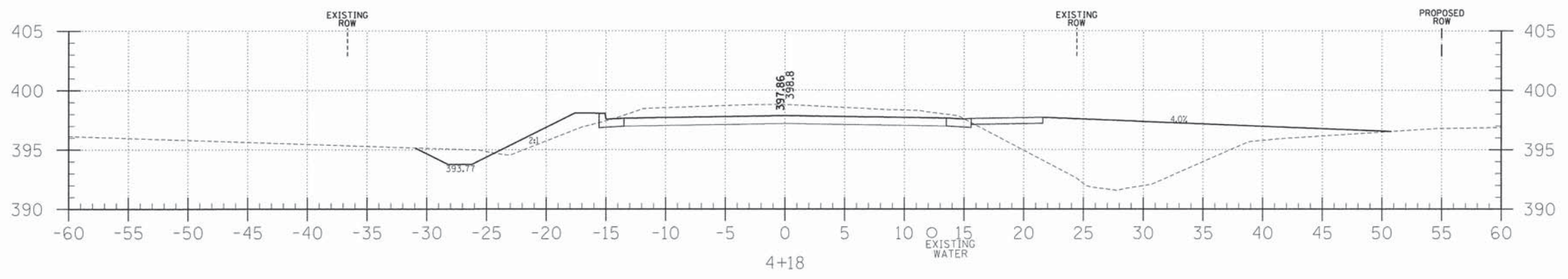
FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	23
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H33LOOICA		323 W. 3RD ST. P.O. BOX 160 MT. CARMEL, IL 62863		
		PHONE: (618)-262-8651 FAX: (618)-263-3327		

PROFESSIONAL DESIGN FIRM  
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
184-000887  
(62-032435)(35-002769)

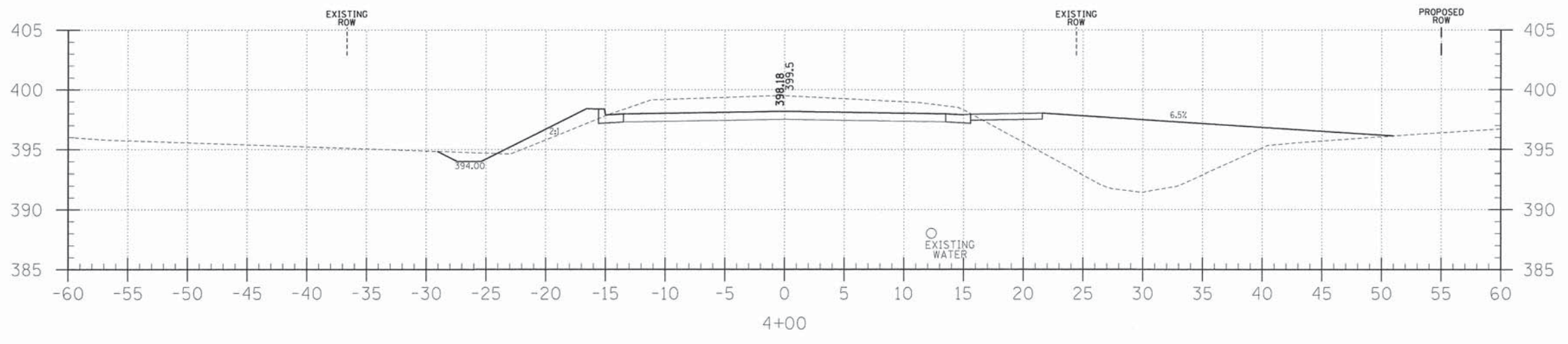


AARON M. MEFFORD  
NAME  
SIGNATURE  
DATE  
11-30-15  
EXPIRES

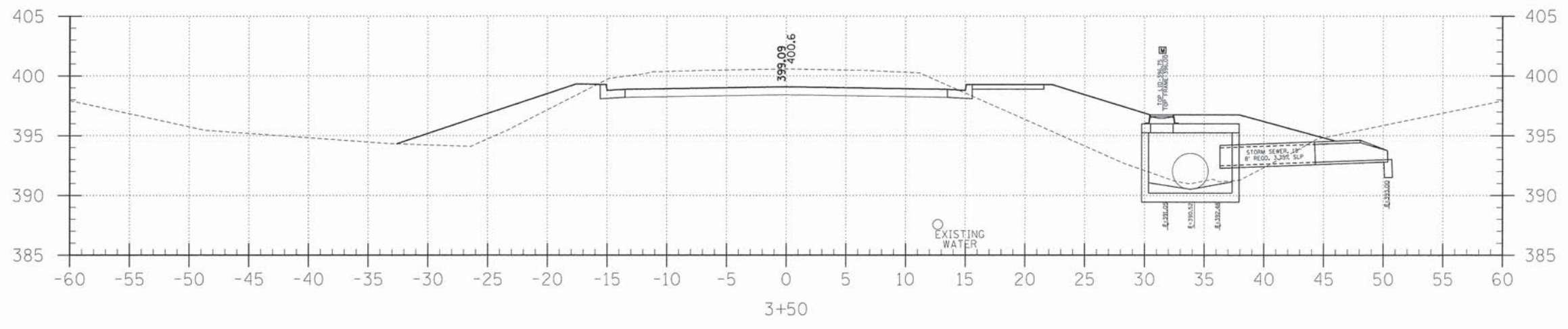
CITY OF CARMI  
BURRELL STREET  
WHITE COUNTY, ILLINOIS



C = 47.4  
F = 99.4



C = 54.6  
F = 106.8



C = 60.2  
F = 85.9

SHEET TITLE:

CROSS SECTIONS

SCALE: 1"=5'

BY: AMM

DATE: 6/8/15

REV:

23 OF 30 SHEETS

SHEET NO. 23



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	24
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # HISTOLOICA				

323 W 3RD ST.  
P.O. BOX 160  
MT. CARMEL, IL  
62863

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PROFESSIONAL DESIGN FIRM  
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
184-000887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

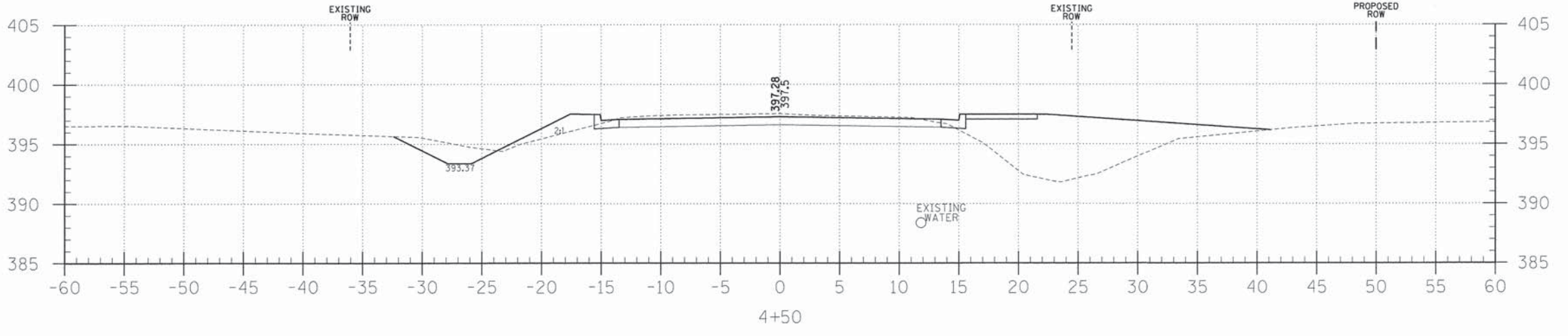
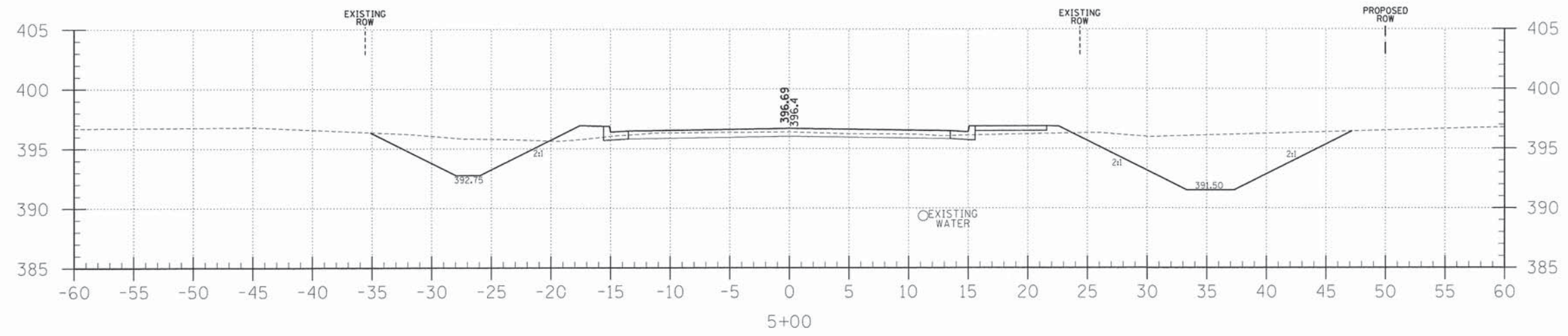
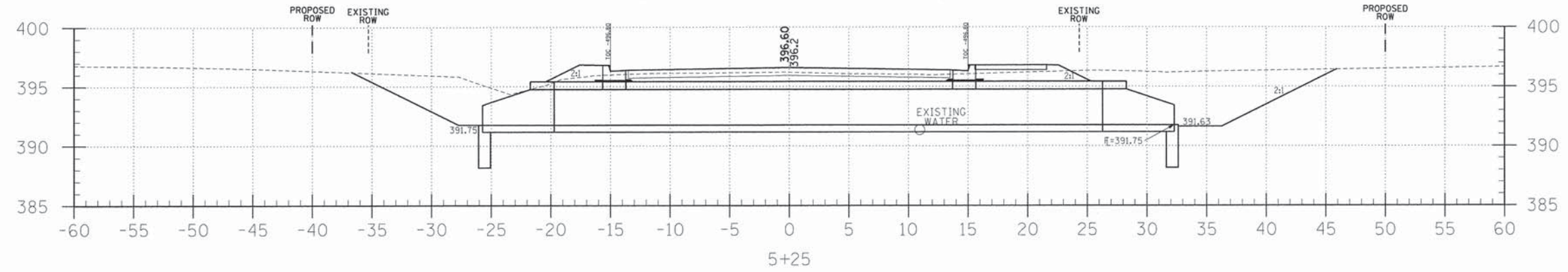
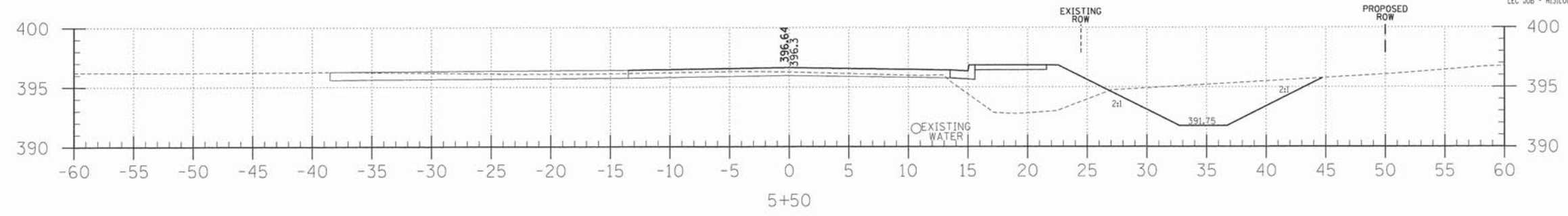
SHEET TITLE:

CROSS SECTIONS

SCALE:	1"=5'
BY:	AMM
DATE:	6/9/15
REV:	

24 OF 30 SHEETS

SHEET NO.  
24





FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B776	12-00091-00-RS	WHITE	30	25
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H330001CA				

323 W. 3RD ST.  
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62863  
PHONE:  
(618)-262-8651  
FAX:  
(618)-263-3327

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LAND SURVEY &  
PROFESSIONAL  
ENGINEERING  
CORPORATION  
184-00887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*[Signature]*  
SIGNATURE  
DATE  
7-13-15  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

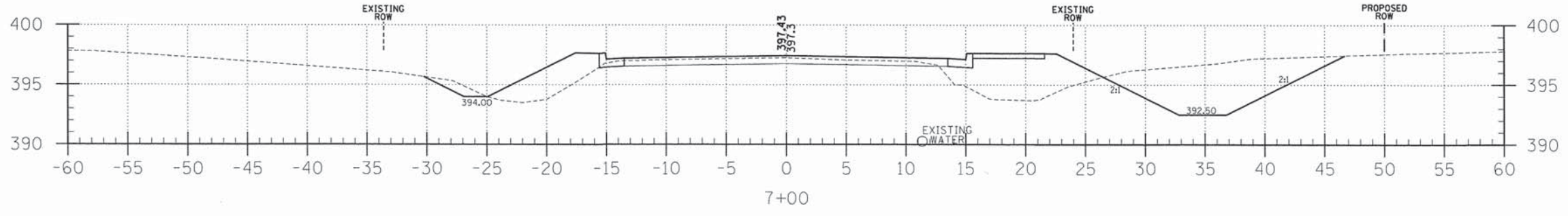
SHEET TITLE:

CROSS SECTIONS

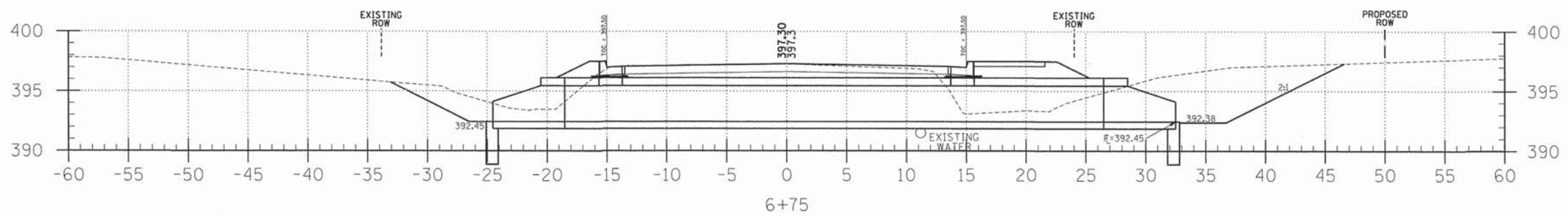
SCALE: 1"=5'  
BY: AMM  
DATE: 7/15  
REV:

25 OF 30  
SHEETS

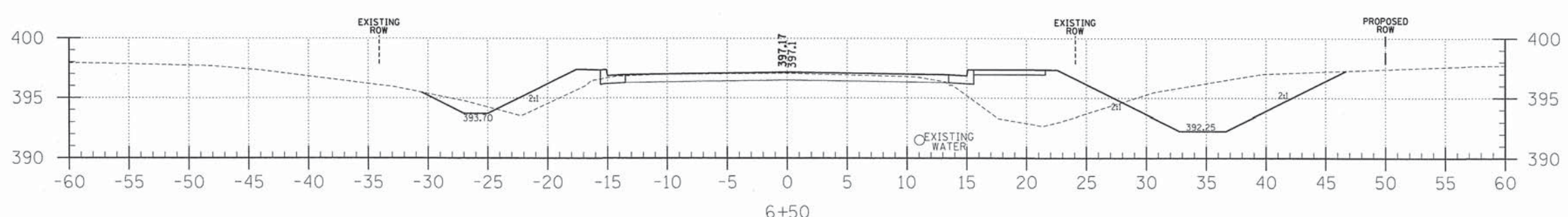
SHEET NO.  
25



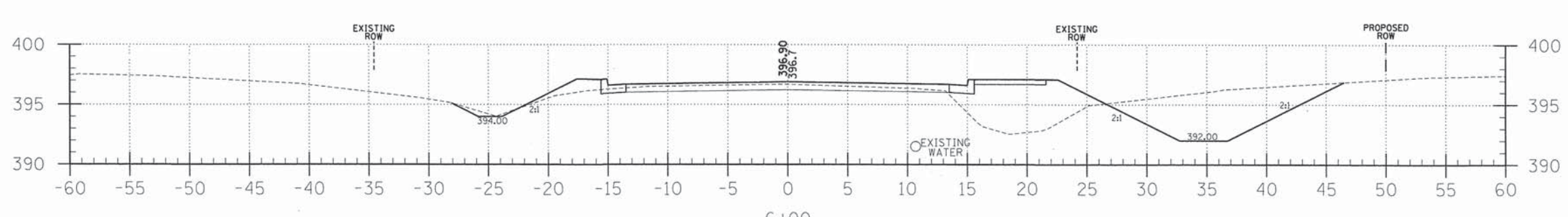
C = 71.3  
F = 50.7



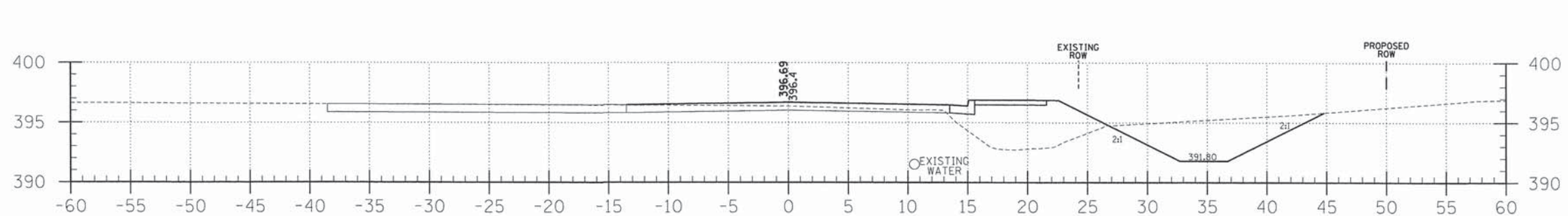
C = 86.2  
F = 13.6



C = 70.3  
F = 51.4



C = 63.6  
F = 39.9



C = 63.9  
F = 35.1



FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	26
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H3101001A				

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CORPORATION  
184-00087  
(62-032435)(35-002769)



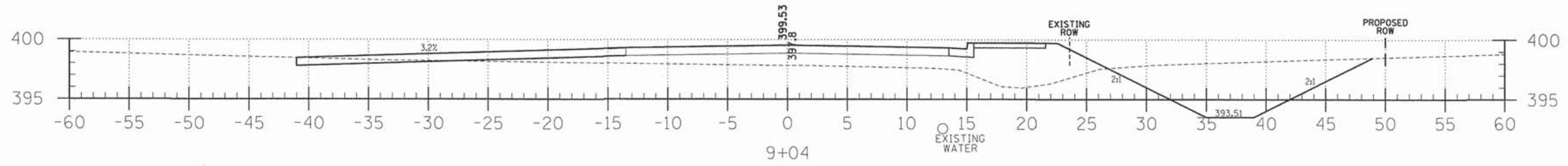
AARON M. MEFFORD  
NAME  
*[Signature]*  
SIGNATURE  
DATE  
7-13-15  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS

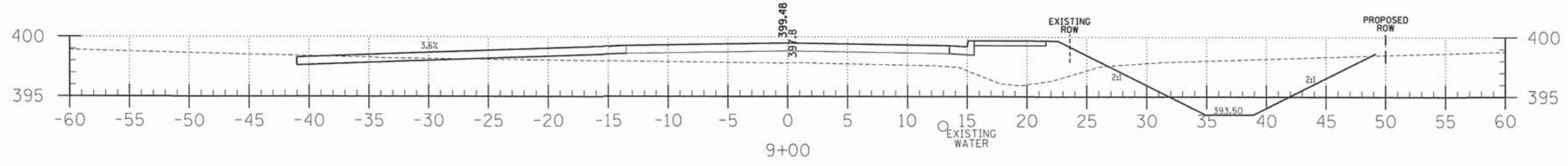
SHEET TITLE:  
CROSS SECTIONS  
SCALE: 1"=5'  
BY: AMM  
DATE: 7/15/15  
REV:

26 OF 30  
SHEETS

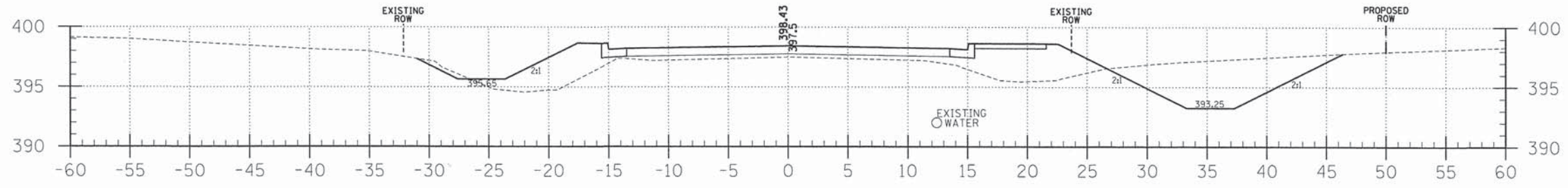
SHEET NO.  
26



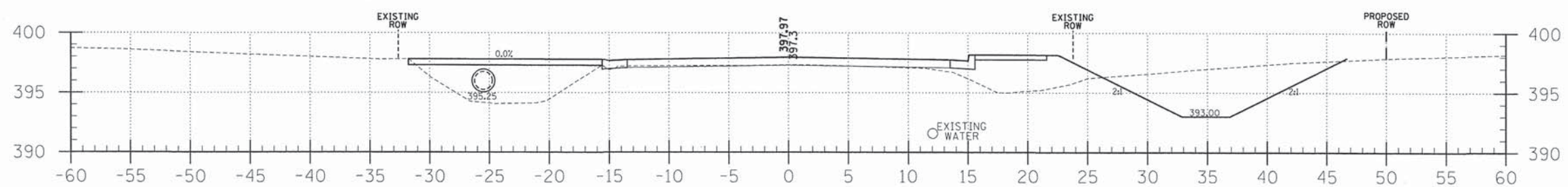
C = 64.2  
F = 61.1



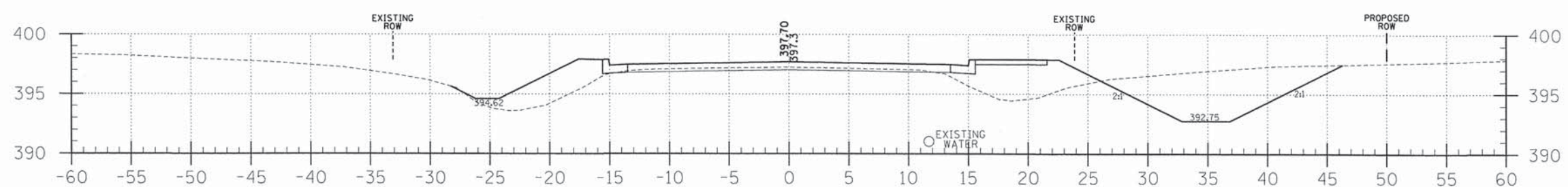
C = 65.1  
F = 59.9



C = 48.5  
F = 57.1



C = 49.6  
F = 59.0



C = 60.0  
F = 45.0

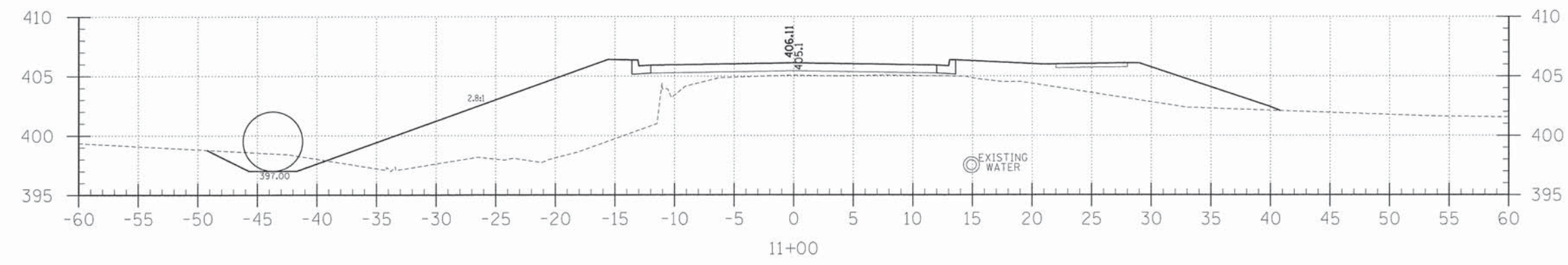


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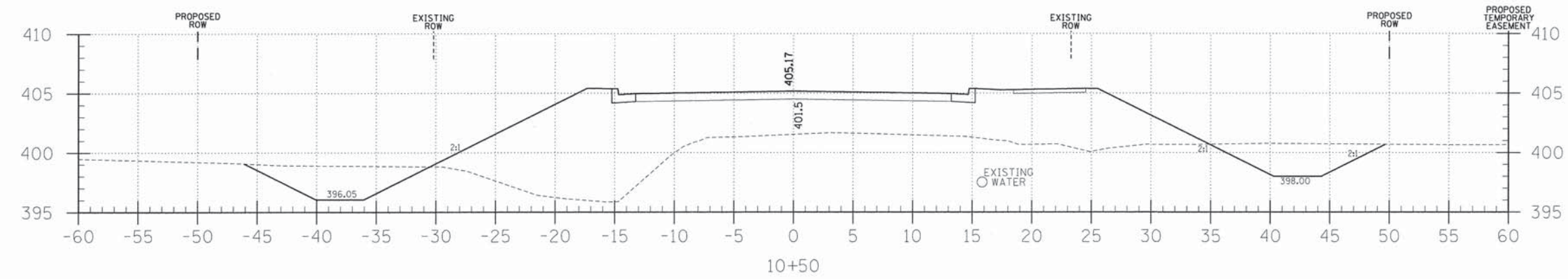


AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

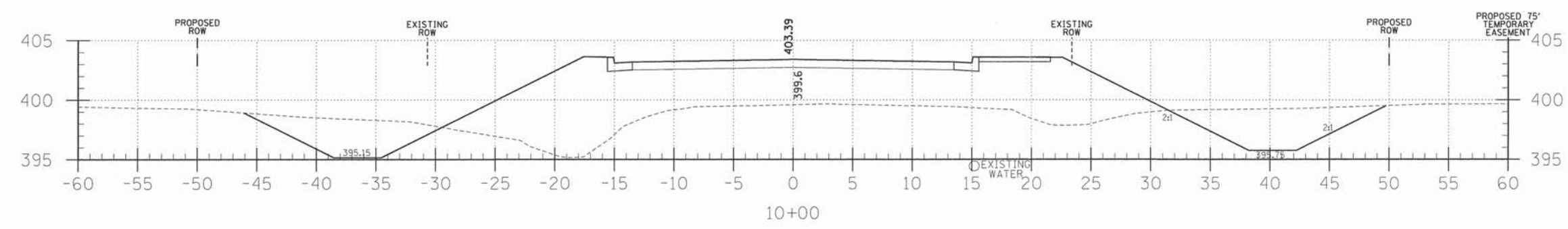
CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS



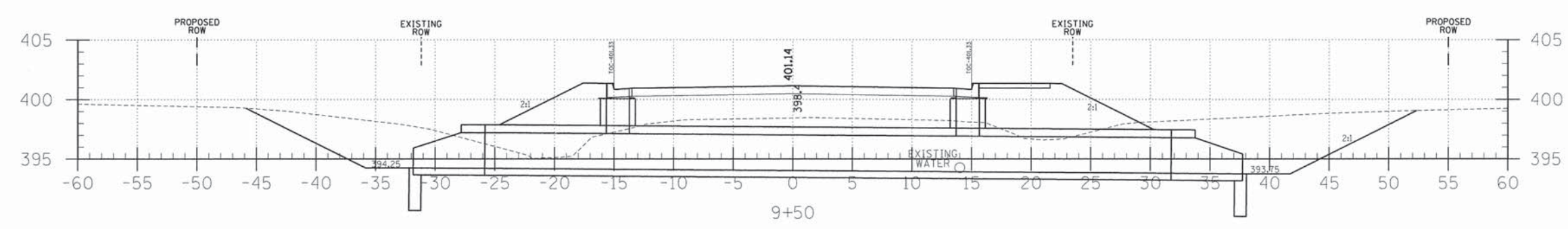
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F = 186.0



C = 53.3  
F = 261.6



C = 72.4  
F = 226.6



C = 96.8  
F = 108.3



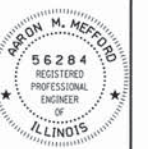
FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-R5	WHITE	30	28
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H31J001CA				

323 W. 3RD ST.  
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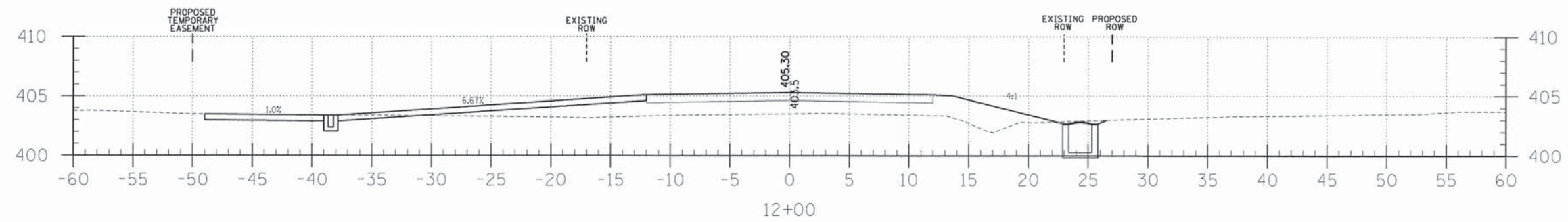
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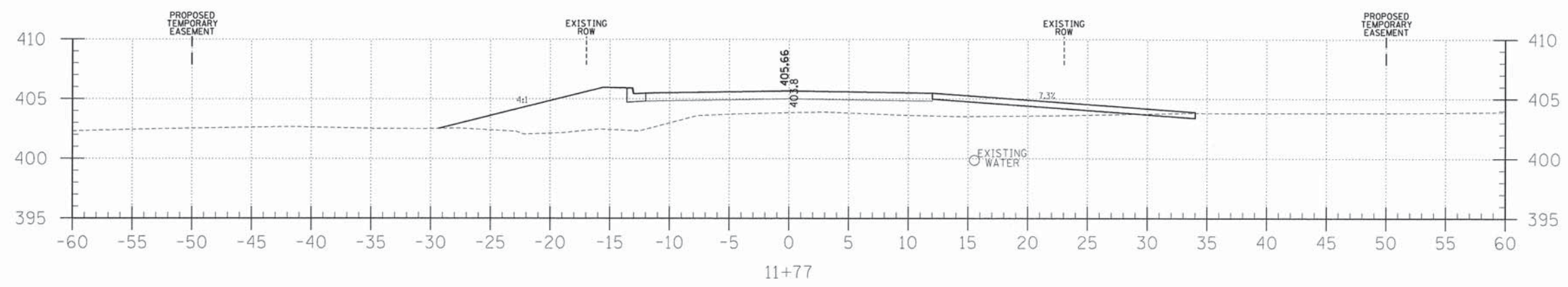


AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
DATE  
6-24-15  
11-30-15  
EXPIRES

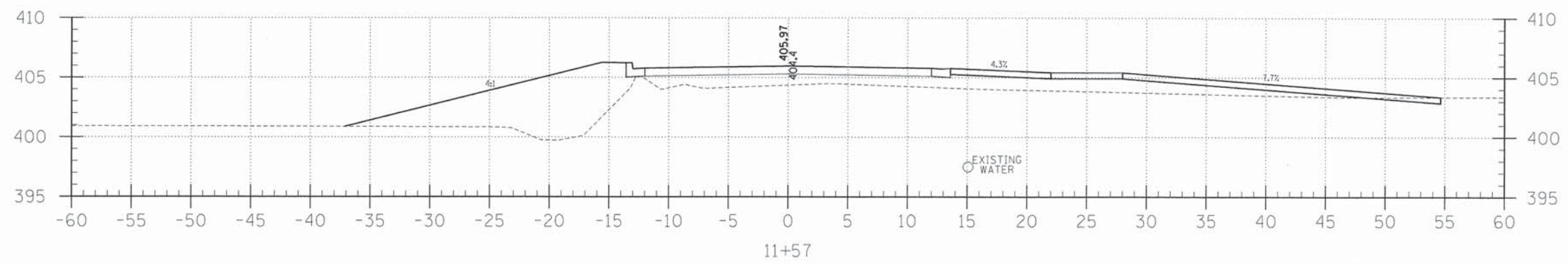
CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS



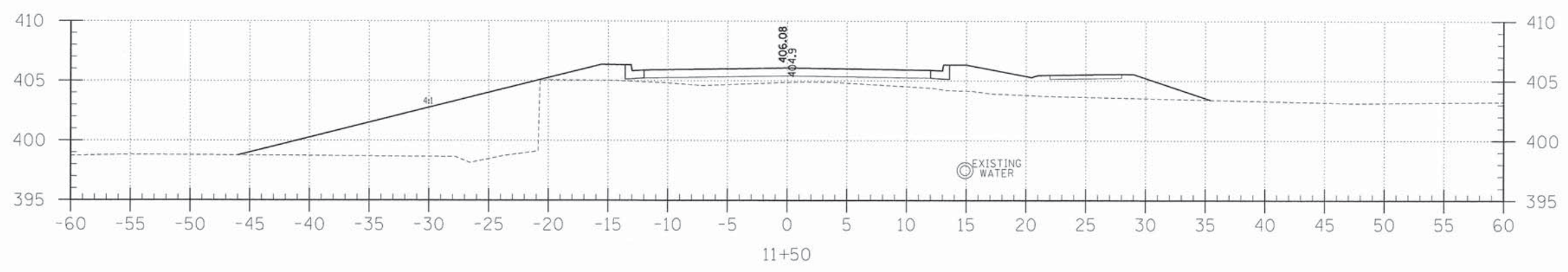
C = 6.9  
F = 54.4



C = 1.1  
F = 81.2



C = 1.6  
F = 122.2



C = 0.0  
F = 137.1

SHEET TITLE:

CROSS SECTIONS

SCALE: 1"=5'

BY: AMM

DATE: 6/9/15

REV:

28 OF 30 SHEETS

SHEET NO. 28

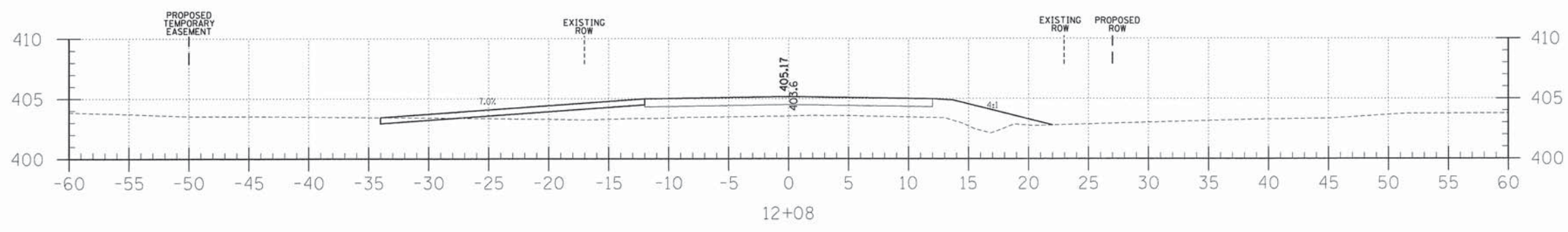
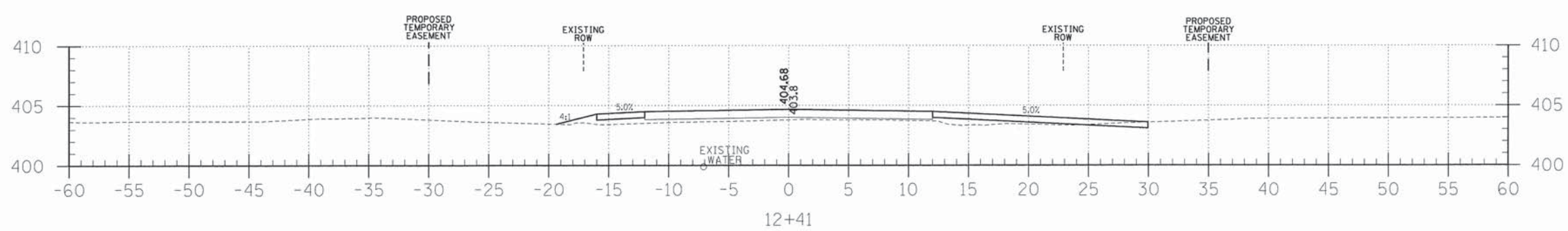
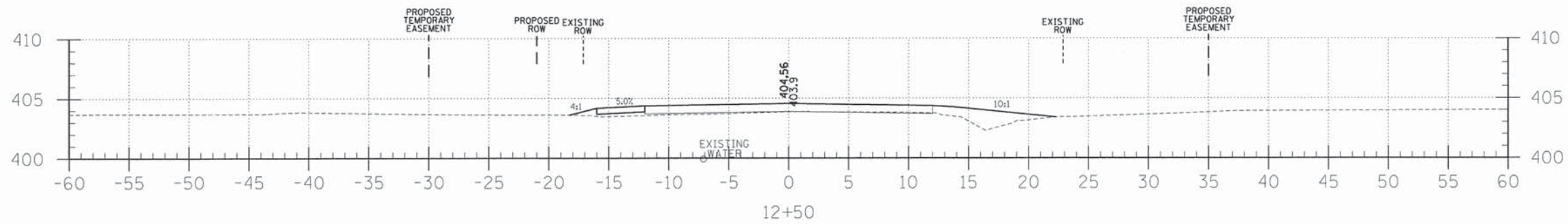
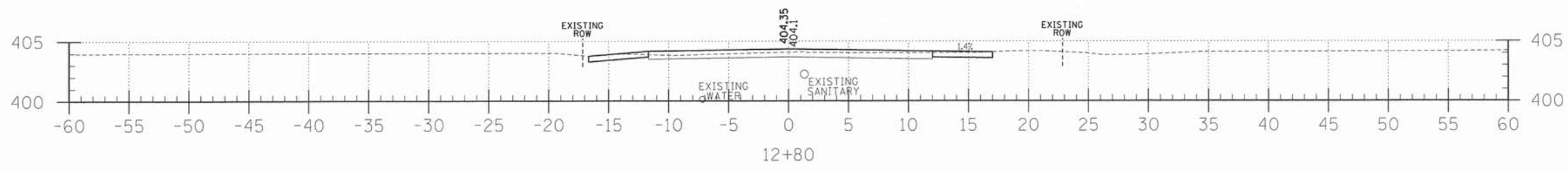
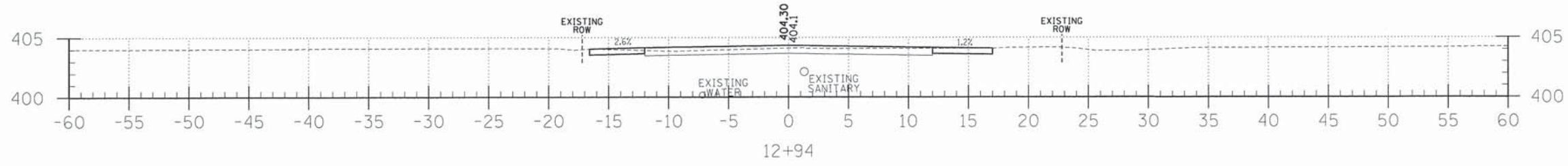


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AARON M. MEFFORD  
NAME  
*[Signature]*  
SIGNATURE  
6-24-15  
DATE  
11-30-15  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS





FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8776	12-00091-00-RS	WHITE	30	30
FED. ROAD DIST. NO. 9 ILLINOIS		BURRELL STREET		
LEC JOB # H31001CA				

323 W. 3RD ST.  
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62863

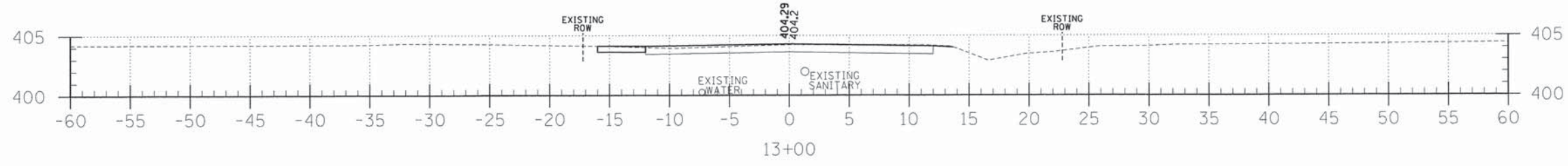
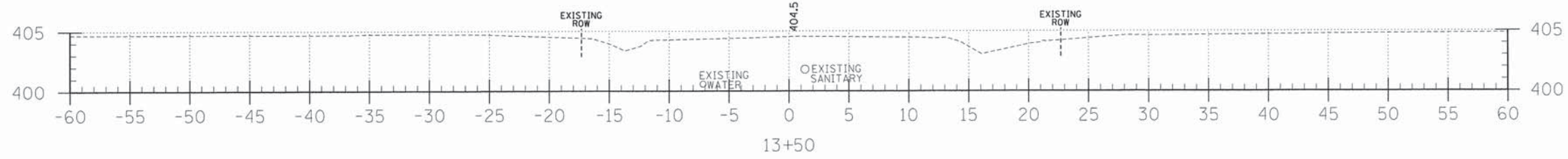
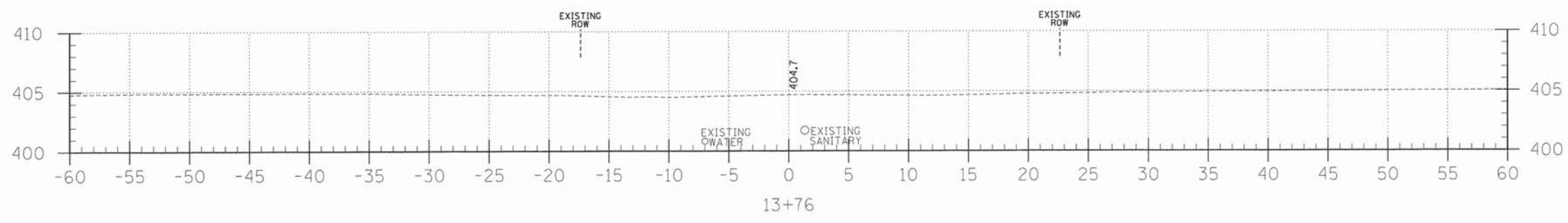
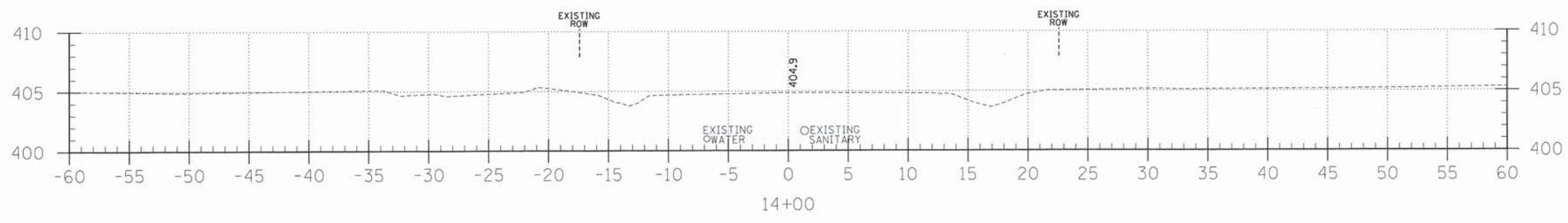
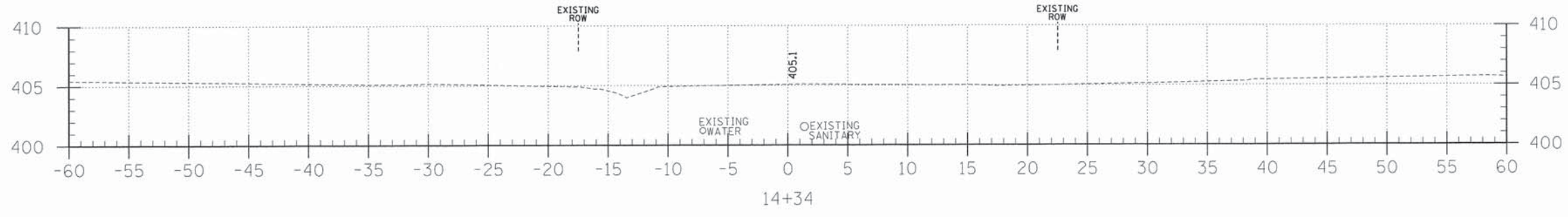
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LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
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AARON M. MEFFORD  
NAME  
SIGNATURE  
DATE  
11-30-16  
EXPIRES

CITY OF CARMEL  
BURRELL STREET  
WHITE COUNTY, ILLINOIS



C = 16.4  
F = 0.0

SHEET TITLE:  
CROSS SECTIONS

SCALE: 1"=5'  
BY: AMM  
DATE: 8/9/15  
REV:

30 OF 30 SHEETS

SHEET NO.  
30