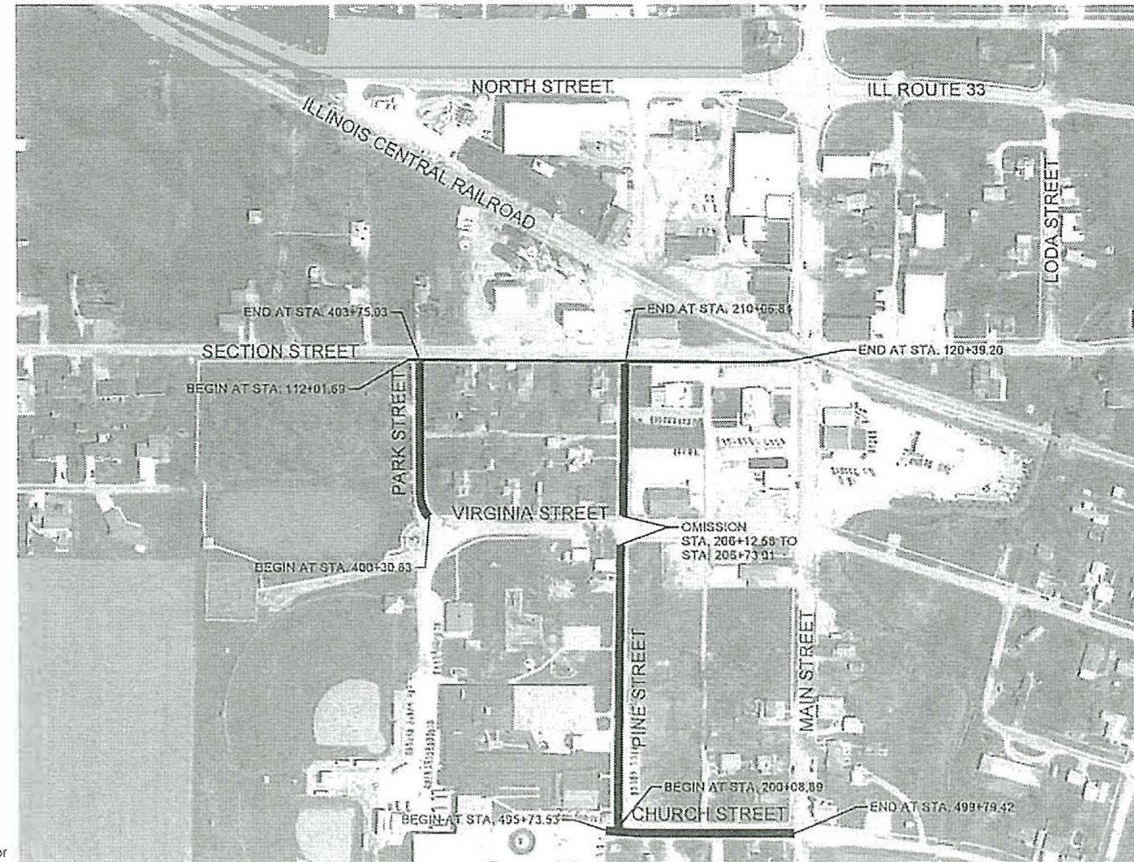


07-31-2020 LETTING ITEM 086

FOR INDEX OF SHEETS
AND STANDARDS
SEE SHEET 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DOWNTOWN ENHANCEMENT
ITEP PHASE 5
SECTION 16-00009-00-SW
PROJECT NO. 18ZA(741)
JOB NO. C-97-017-17
ITEP NO. 741004
VILLAGE OF DIETERICH
EFFINGHAM COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00009-00-SW		EFFINGHAM	49	1
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT		



LOCATION MAP
VILLAGE OF DIETERICH

DESIGN STAGE J.U.L.I.E. DIGNUMBER
DIG # A0130661

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

UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MUST CONTACT J.U.L.I.E. 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.

SECTION STREET
FUNCTIONAL CLASSIFICATION - Major Collector
2018 ADT - 1260
DESIGN SPEED - 30 MPH

PARK STREET
FUNCTIONAL CLASSIFICATION - Local Street
2018 ADT - 150
DESIGN SPEED - 30 MPH

PINE STREET
FUNCTIONAL CLASSIFICATION - Local Street
2018 ADT - 300
DESIGN SPEED - 30 MPH

CHURCH STREET
FUNCTIONAL CLASSIFICATION - Local Street
2018 ADT - 600
DESIGN SPEED - 30 MPH

LENGTH OF PROJECT
CHURCH STREET = 405.39 Feet (0.08 Mile)
PINE STREET = 997.95 Feet (0.19 Mile)
SECTION STREET = 90.43 Feet (0.01 Mile)
PARK STREET = 344.20 Feet (0.06 Mile)
TOTAL = 2525.12 Feet (0.48 Mile)

Contract No. 95872



APPROVED: *[Signature]*
PRESIDENT, VILLAGE OF DIETERICH

PASSED: *5-26-20*
Shay Phillips
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review: *5-26-20*
[Signature]
REGIONAL DIRECTOR OF HIGHWAYS
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DOWNTOWN ENHANCEMENT
SECTION 16-00009-00-SW
VILLAGE OF DIETERICH

PLANS DATED:
January 3, 2020

MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 257
EFFINGHAM, IL 62401
Phone: (217) 517-7262 | (800) 677-2114
Email: mge@milengr.com
Web: www.milengr.com
Design Firm #154-003163

Date 1-6-2020
[Signature]
Michael A. Tappendorf
My License Expires 11-30-21 P.E. No. 069073

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Plot date: 1/03/20 at 07:40

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	2
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT #95872	

INDEX OF SHEETS

1	TITLE SHEET
2	INDEX OF SHEETS AND STANDARDS
3	GENERAL NOTES AND DETAIL SHEET
4	SUMMARY OF QUANTITIES SHEET
5-7	TYPICAL SECTION
8-10	SCHEDULE OF QUANTITIES SHEET
11	CONTROL AND BENCHMARK SHEET
12-15	REMOVAL PLAN SHEETS
16-21	PLAN AND PROFILE SHEETS
22-24	RIGHT-OF-WAY PLAN SHEETS
25-27	INTERSECTION PLAN SHEETS
28-30	PAVEMENT MARKING AND SIGNAGE PLAN SHEETS
31-33	EROSION CONTROL PLAN SHEETS
34-38	STREET LIGHTING PLAN SHEETS
39-49	CROSS SECTION SHEETS

MIX TABLE

MIXTURE USE	SURFACE	INCIDENTAL HMA
AC/PG	PG 64-22	PG 64-22
DESIGN AIR Voids	4.0% @ Ndes=70	4.0% Ndes=30
MIX COMP (GRADATION)	IL 9.5	IL 19.0 L
FRICTION AGGREGATE	MIXTURE "C"	
RAP % (MAX)	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA

STANDARDS

280001-07	Temporary Erosion Control Systems
424001-11	Perpendicular Curb Ramps for Sidewalks
424026-03	Entrance/Alley Pedestrian Crossings
542301-03	Precast Reinforced Concrete Flared End Section
602301-04	Inlet, Type A
602306-03	Inlet, Type B
602401-06	Precast Manhole Type A 4' (1.22 m) Diameter
602402-02	Precast Manhole Type A 5' (1.52 m) Diameter
602406-10	Precast Manhole Type A 6' (1.83 m) Diameter
602601-06	Precast Reinforced Concrete Flat Slab Top
602701-02	Manhole Steps
604001-05	Frame and Lids Type 1
604006-05	Frame and Grate Type 3
604036-03	Grate Type 8
604086-03	Frame and Grate Type 23
606001-07	Concrete Curb Type B and Combination Concrete Curb and Gutter
606306-04	Corrugated PC Concrete Medians
701001-02	Off-Road Operations, 2L, 2W, More Than 15' (4.5 m) Away
701006-05	Off-Road Operations, 2L, 2W, 15' (4.5 m) to 24" (600 mm) from Pavement Edge
701011-04	Off-Road Moving Operations, 2L, 2W, Day Only
701501-06	Urban Lane Closure, 2L 2W, Undivided
701801-06	Sidewalk, Corner or Crosswalk Closure
701901-08	Traffic Control Devices
720001-01	Sign Panel Mounting Details
720006-04	Sign Panel Erection Details
780001-05	Typical Pavement Markings
805001-01	Electrical Service Installation Details
814001-03	Handholes
821101-02	Luminaire Wiring Diagram
825001-04	Lighting Controller Pole Mounted, 240V
836001-04	Light Pole Foundation
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)

MILANO & GRUNLOH ENGINEERS, LLC
114 W. WASHINGTON AVE. | PO BOX 897
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Web: www.mgen.com
Design Firm #184-003108

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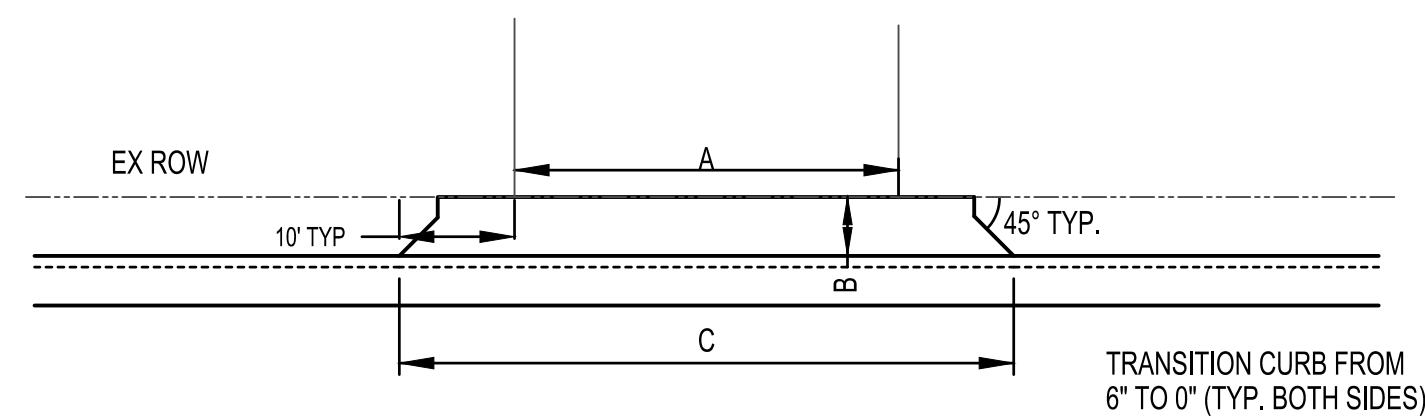
INDEX OF SHEETS
DOWNTOWN ENHANCEMENT
ITEP PHASE 5
SECTION 16-00009-00-SW
VILLAGE OF DIETERICH
EFFINGHAM COUNTY, ILLINOIS

COMMITMENTS:

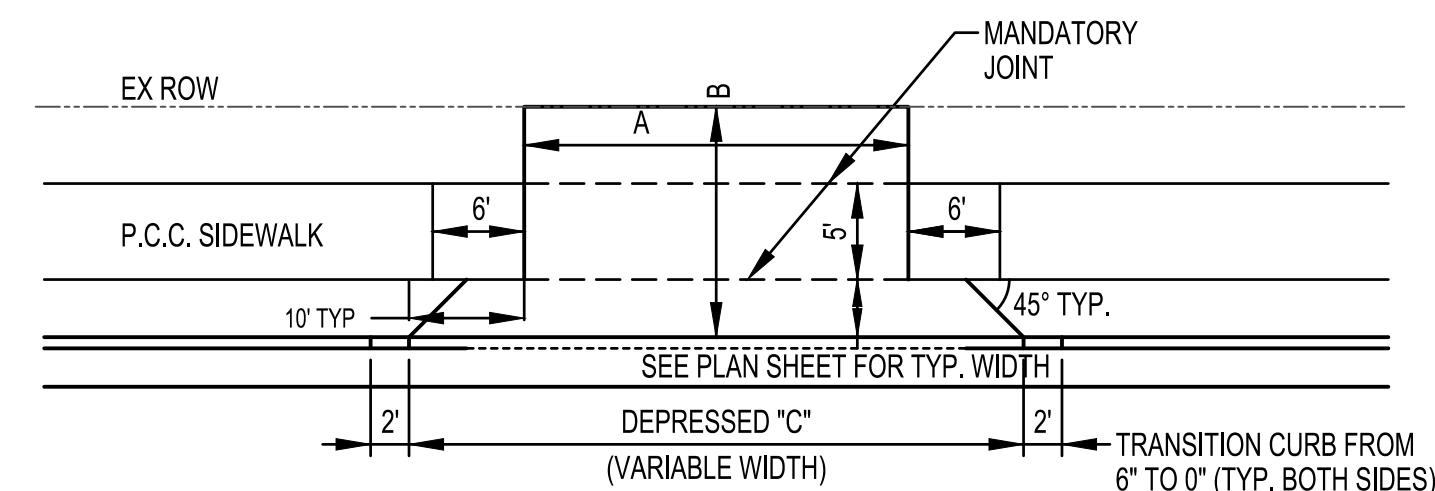
- Trees three (3) inches or greater in diameter at breast height shall not be cleared between April 1 and September 30 of any given year.
- Proposed lighting affecting state ROW will be submitted to IDOT for approval in Phase II

ENTRANCE TABLE					
	Location	Entrance Type	"A"	"B"	"C"
SECTION STREET	Rt. Sta. 113+45.33	PE	13.0'	6.9'	23.1'
	Rt. Sta. 114+24.83	PE	20.0'	6.9'	20.0'
	Rt. Sta. 117+42.46	CE	35.0'	4.3'	43.0'
PARK STREET	Rt. Sta. 118+54.92	CE	31.8'	6.2'	38.3'
	Rt. Sta. 402+39.92	PE	12.0'	7.8'	15.3'
	Rt. Sta. 401+35.99	PE	12.0'	7.8'	21.0'
PINE STREET	Lt. Sta. 402+65.56	PE	24.0'	8.0'	34.0'
	Lt. Sta. 202+07.77	CE	24.0'	9.6'	43.3'
	Rt. Sta. 204+78.91	PE	40.7'	9.5'	48.7'
	Lt. Sta. 205+23.00	PE	27.0'	6.0'	36.3'
	Rt. Sta. 205+67.00	PE	40.7'	9.9'	48.7'
	Rt. Sta. 207+67.00	CE	83.6'	4.9'	89.0'
	Rt. Sta. 207+88.75	CE	28.0'	4.9'	36.0'
CHURCH STREET	Rt. Sta. 208+85.63	CE	28.0'	4.9'	36.0'
	Lt. Sta. 208+94.73	PE	32.0'	11.5'	42.0'
	Lt. Sta. 496+53.95	CE	24.0'	12.9'	40.0'
	Rt. Sta. 496+53.95	PE	18.0'	12.0'	28.0'
	Rt. Sta. 497+03.69	PE	18.0'	12.0'	28.0'
	Rt. Sta. 498+10.53	PE	24.0'	12.0'	34.0'
	Lt. Sta. 498+50.84	PE	14.5'	13.0'	24.5'
	Rt. Sta. 498+90.64	PE	18.5'	12.0'	28.5'

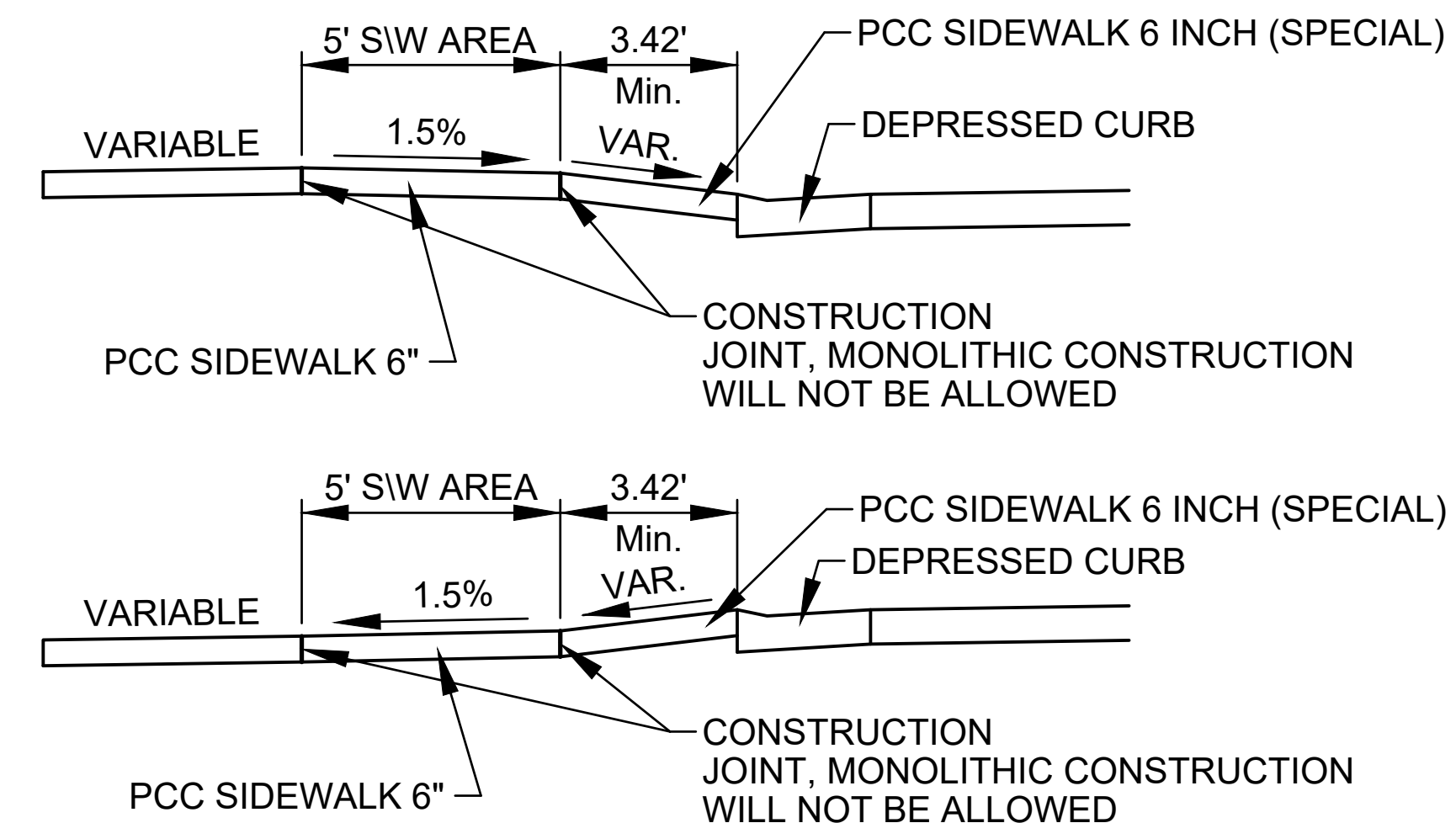
- Pavement grades shown are at the top of pavement surfaces, unless otherwise noted in the plans.
- Erosion control measures shall be in accordance with IDOT Specifications. Placement shall be directed by the Engineer.
- All elevations refer to U.S.G.S. mean sea level datum.
- Any reference to a standard in the plans shall be interpreted to mean the edition as indicated by the sub-number listed on Sheet 1.
- Before ordering storm sewers, pipe culverts or pipe drains, the Contractor shall consult the Engineer for exact lengths.
- CURB AND GUTTER, WALKS, SLABS, AND PCC DRIVEWAY PAVEMENT 8"**
 - Concrete curb and gutter shall be in accordance with IDOT Std. Spec. Locate contraction joints at 20 ft on center, unless otherwise shown. Locate expansion joints at minimum 100 ft. on center, unless otherwise shown.
 - Concrete walks, and islands shall be in accordance with IDOT Std. Spec. Unless otherwise shown, locate sidewalk contraction joints at 5 ft on center and expansions joints at 50 ft on center, unless otherwise shown, locate contraction joints in larger slabs at 15 ft intervals in each direction.
 - Concrete walks crossing through entrances shall be constructed in accordance with the detail shown below. Monolithically constructed sidewalks will not be allowed.



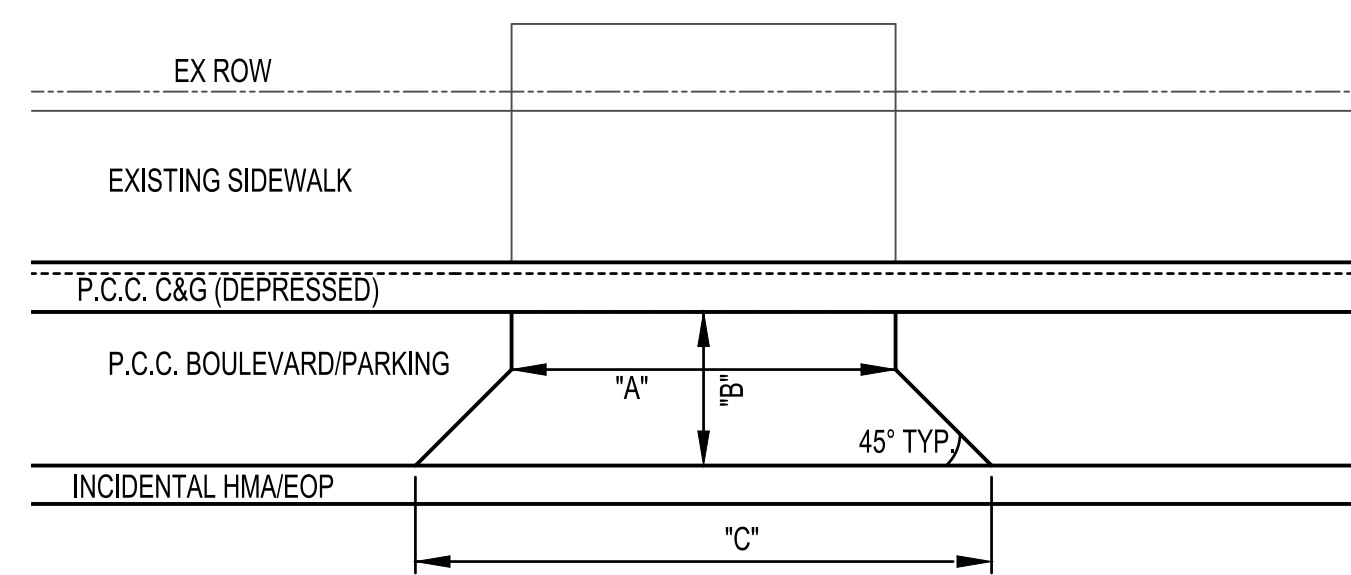
TYPICAL COMMERCIAL ENTRANCE DETAIL
PINE STREET (NORTH OF VIRGINIA)



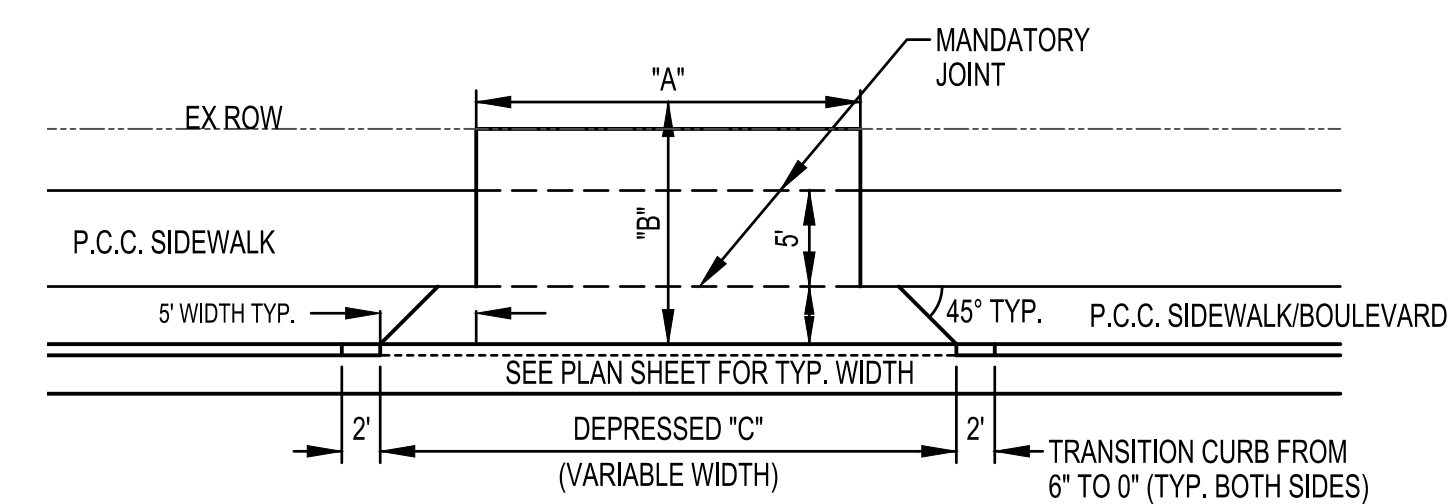
TYPICAL COMMERCIAL ENTRANCE DETAIL
CHURCH STREET, PINE STREET, PARK STREET



DETAIL OF SIDEWALK THROUGH ENTRANCES



TYPICAL COMMERCIAL/PRIVATE ENTRANCE DETAIL
SECTION STREET



TYPICAL PRIVATE ENTRANCE DETAIL
CHURCH STREET, PINE STREET (SOUTH OF VIRGINIA), PARK STREET

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	3
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT #95872	

LEGEND

○	IRON PIN FOUND
○ 1/4	1/4" IRON PIN FOUND
○IP	IRON PIPE FOUND
ON&W	NAIL & WASHER FOUND
ON	NAIL FOUND
OPK	PK NAIL FOUND
ORR	RAILROAD SPIKE FOUND
OT	"T" FENCE POST FOUND
○X	CHISELED "X" IN CONCRETE FOUND
ODH	DRILLED HOLE IN CONCRETE FOUND
⊗	SURVEY DISC FOUND
⊕	STONE FOUND
☀	TREE (DECIDUOUS)
★	TREE (EVERGREEN)
⊙	FIRE HYDRANT
⊞	WATER METER
—w—	WATER MAIN (EXISTING)
—w—	WATER SERVICE LINE (EXISTING)
⊗	VALVE (GAS OR WATER)
⊞	GAS METER
—g—	GAS MAIN (EXISTING)
—g—	GAS SERVICE LINE (EXISTING)
⊞C	CABLE TV PEDESTAL
—CT—	UNDERGROUND CABLE TV (EXISTING)
⊞T	TELEPHONE PEDESTAL
⊞	TELEPHONE MANHOLE
—T—	TELEPHONE CABLE (EXISTING)
—t—	TELEPHONE SERVICE WIRE (EXISTING)
⊙	POWER POLE
⊙	POWER POLE w/LIGHT
—	GUY ANCHOR
⊙	LIGHTPOLE (EXISTING)
⊙	SIDEWALK LIGHT (EXISTING)
⊞E	ELECTRIC PEDESTAL
—DHE—	OVERHEAD ELECTRIC (EXISTING)
—E—	UNDERGROUND ELECTRIC (EXISTING)
L/S	LANDSCAPING
+	STREET SIGN (EXISTING)
⊞	SIGN (EXISTING)
⊙	FENCE POST
—x—	FENCE

MILANO & GRUNLOH ENGINEERS, LLC
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Design Firm #184-003108

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GENERAL NOTES AND DETAILS
DOWNTOWN ENHANCEMENT
ITEP PHASE 5
SECTION 16-00009-00-SW
VILLAGE OF DIETERICH
EFFINGHAM COUNTY, ILLINOIS

SUMMARY OF QUANTITIES				
VILLAGE OF DIETERICH				
2016 ITEP				
SECTION # 16-00009-00-SW				
ITEM No.	ITEM	UNIT	QUANTITY	100% LOCAL (PARTICIPATING)
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	120	
20800150	TRENCH BACKFILL	CU YD	827	
28000400	PERIMETER EROSION BARRIER	FOOT	234	
28000500	INLET AND PIPE PROTECTION	EACH	35	
28000510	INLET FILTERS	EACH	35	
35400100	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	SQ YD	613	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	669	669.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	8	
42001300	PROTECTIVE COAT	SQ YD	2,658	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	472	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	386	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	13,123	
42400800	DETECTABLE WARNINGS	SQ FT	643	
44000100	PAVEMENT REMOVAL	SQ YD	196	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	138	
44000500	COMBINATION CONCRETE CURB & GUTTER REMOVAL	FOOT	45	
44000600	SIDEWALK REMOVAL	SQ FT	8,000	
50105220	PIPE CULVERT REMOVAL	FOOT	30	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	365	
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	563	
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	154	
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	361	
550A2420	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 48"	FOOT	43	
56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	10	
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	
60222230	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	2	
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	
60234200	INLETS, TYPE A, TYPE 1 FRAME OPEN LID	EACH	3	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2	
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	12	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	7	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	

CONTINUED ON RIGHT

Δ DENOTES SPECIALTY ITEM

CONTINUED				
ITEM No.	ITEM	UNIT	QUANTITY	100% LOCAL (PARTICIPATING)
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5	
60500060	REMOVING INLETS	EACH	9	
60600605	CONCRETE CURB, TYPE B	FOOT	7	
60624600	CORRUGATED MEDIAN	SQ FT	2,512	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	4,084	
67100100	MOBILIZATION	L SUM	1	
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	8	
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	13	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	243	243.0
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	65	65.0
Δ 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA	FOOT	619	
Δ 81603035	UNIT DUCT, 600V 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3,028	
Δ 82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240 VOLT, 30 AMP	EACH	1	
Δ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	140	
Δ A2000810	TREE, ACER PLATANOIDES CRIMSON KING (CRIMSON KING NORWAY MAPLE), 1-1/4" CALIPER, BALLED AND BURLAPPED	EACH	4	
X0323389	STORM SEWER CONNECTION	EACH	5	
Δ X0325379	DIRECTIONAL BORING	FOOT	60	
X0327171	SCARIFY EXISTING SURFACE	SQ YD	3,852	3,852.0
X0327301	RELOCATE EXISTING MAILBOX	EACH	1	
X0350810	BOLLARD REMOVAL	EACH	5	
X1200046	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	99	
X1200050	BOX CULVERT REMOVAL	FOOT	88	
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	1,180	
Δ X2200003	FENCE (SPECIAL)	FOOT	118	
X4230710	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL	SQ YD	1,071	
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	3,405	
X5510100	STORM SEWER REMOVAL	FOOT	95	
X6024503	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	1	
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	
Δ X8040102	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1	
Δ X8300001	LIGHT POLE, SPECIAL	EACH	12	
Δ X2500900	SEEDING CLASS 1 (SPECIAL)	ACRE	1	
Δ XX009135	LIGHT POLE, SPECIAL, TYPE 2	EACH	16	
Z0022800	FENCE REMOVAL	FOOT	166	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	21	
Z0056611	STORM SEWER (WATER MAIN REQUIREMENTS) 16 INCH	FOOT	91	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT #95872

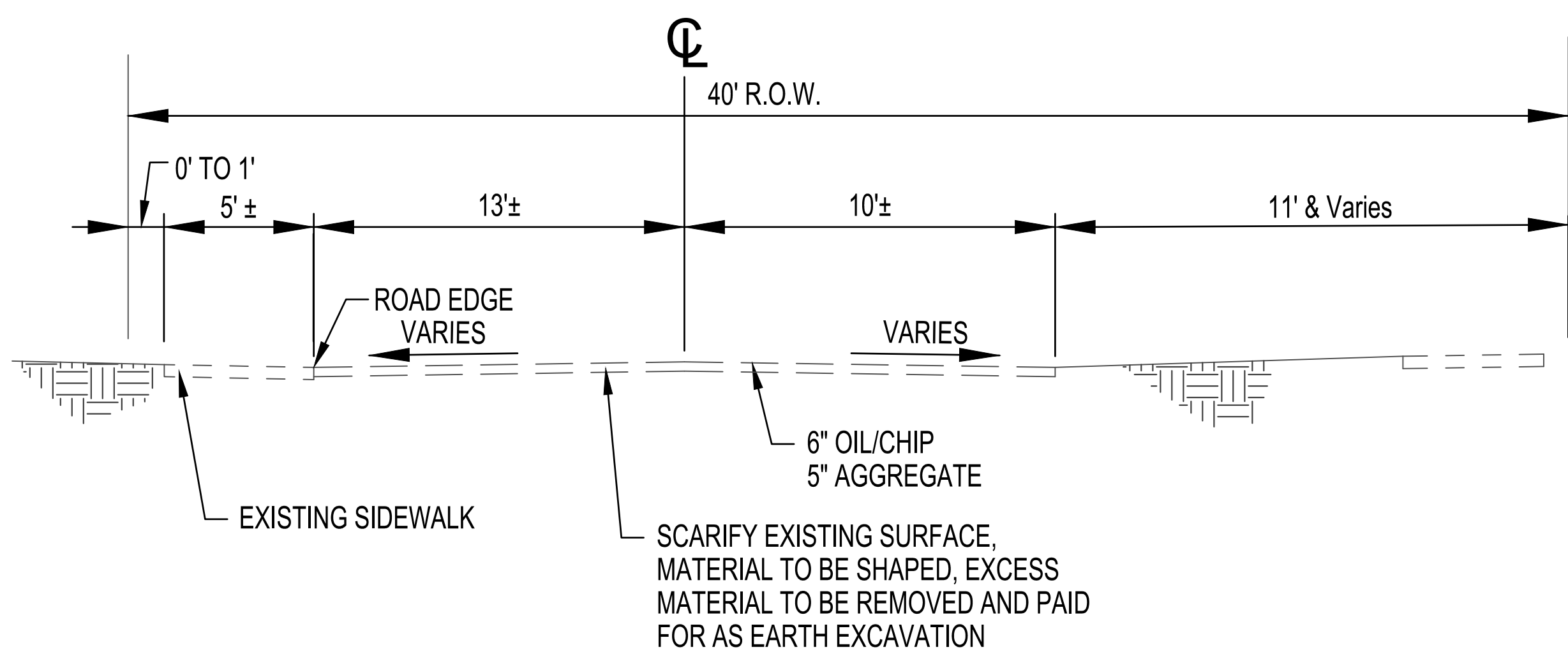
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgeengineers@mgeengineers.com
 Web: www.mgeengineers.com
 Design Firm #164-003109

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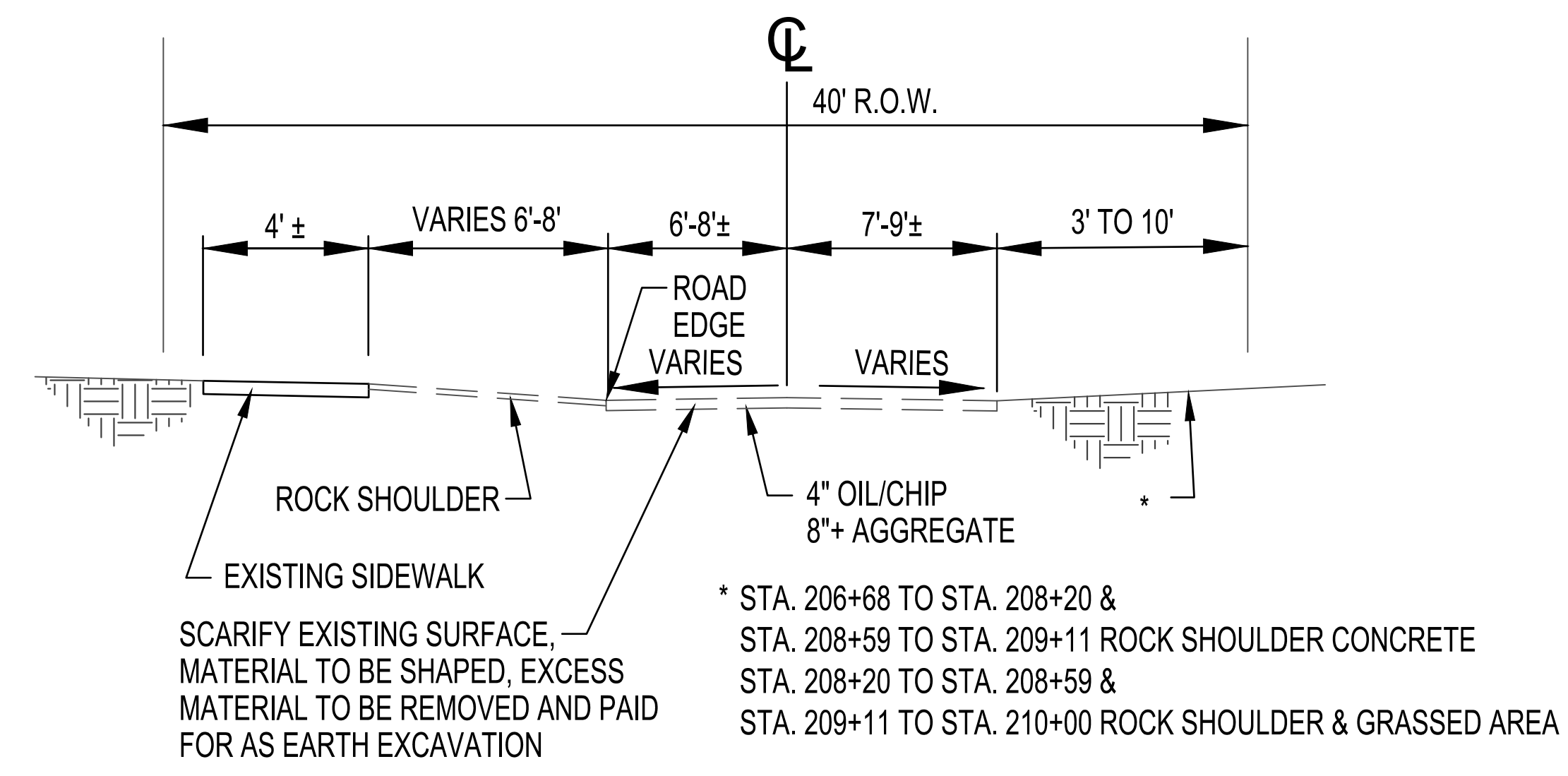
SUMMARY OF QUANTITIES
 DOWNTOWN ENHANCMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	5
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

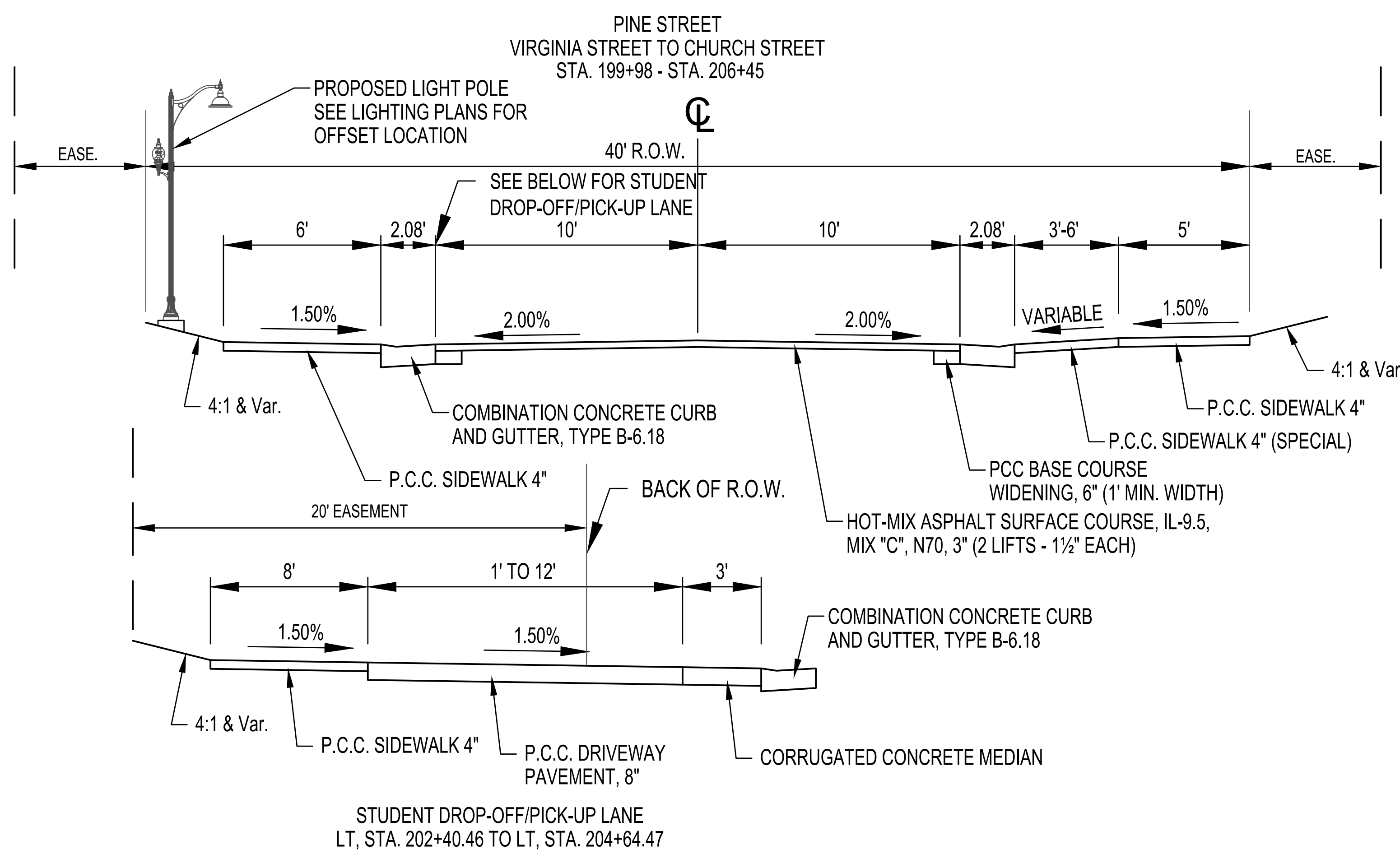
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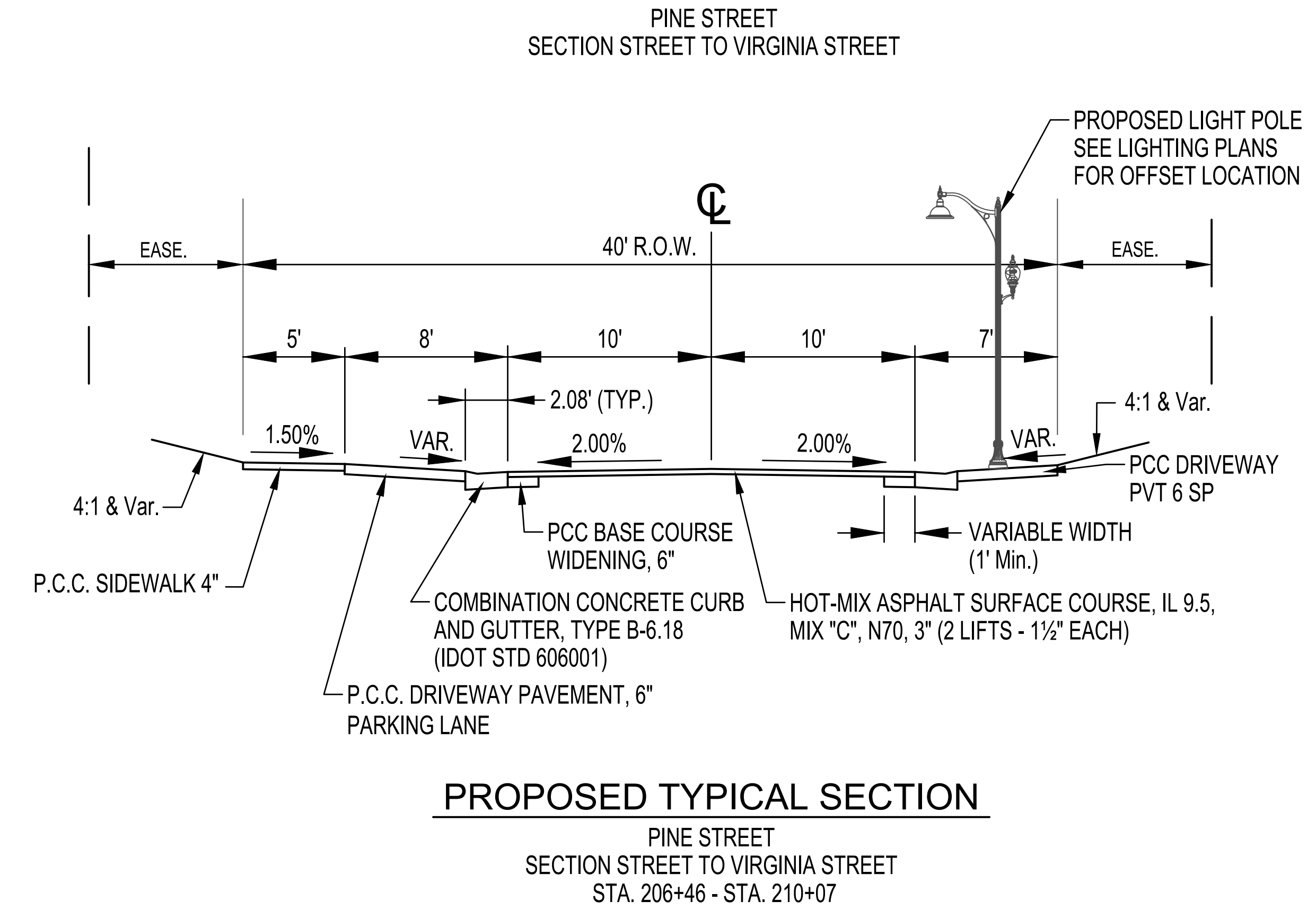
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EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

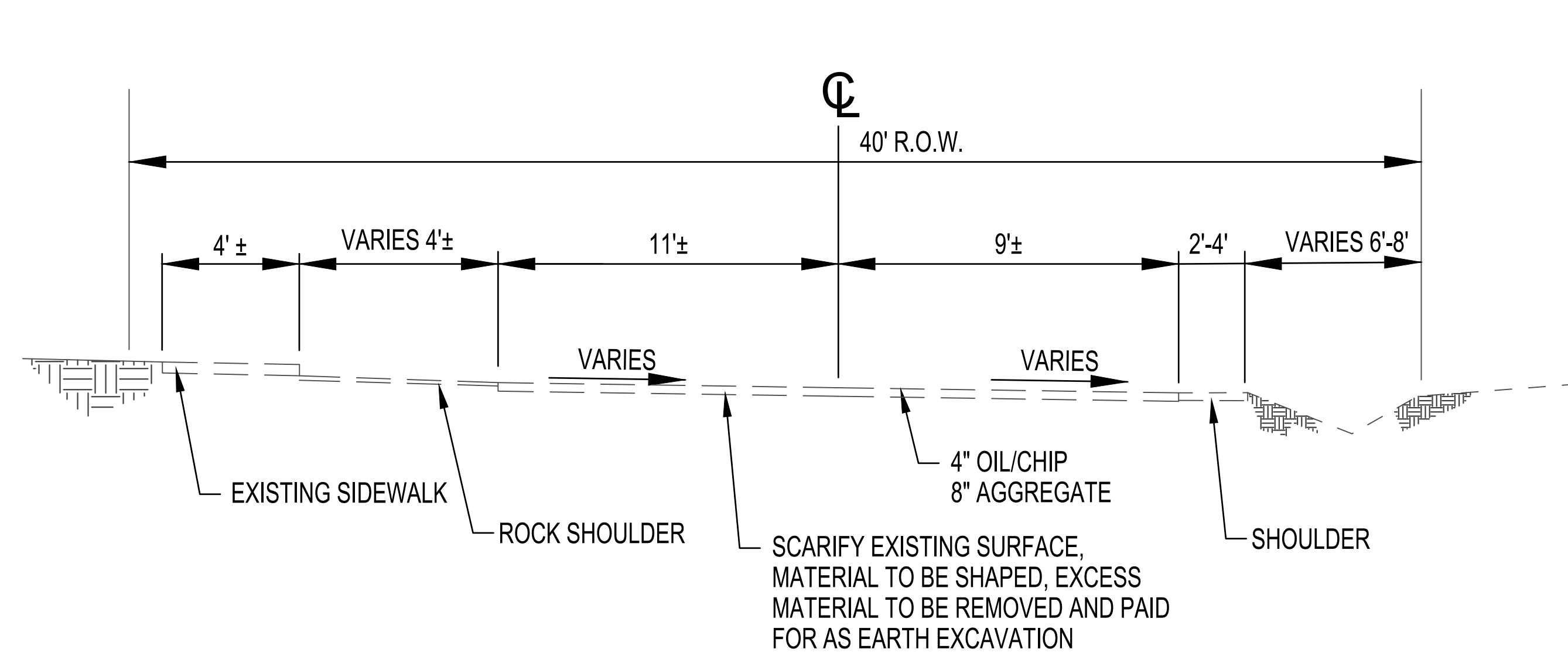


PROPOSED TYPICAL SECTION

<p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgenengineers.com Design Firm #184-003108</p>	<p>TYPICAL SECTIONS DOWNTOWN ENHANCEMENT ITEP PHASE 5 SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS</p>
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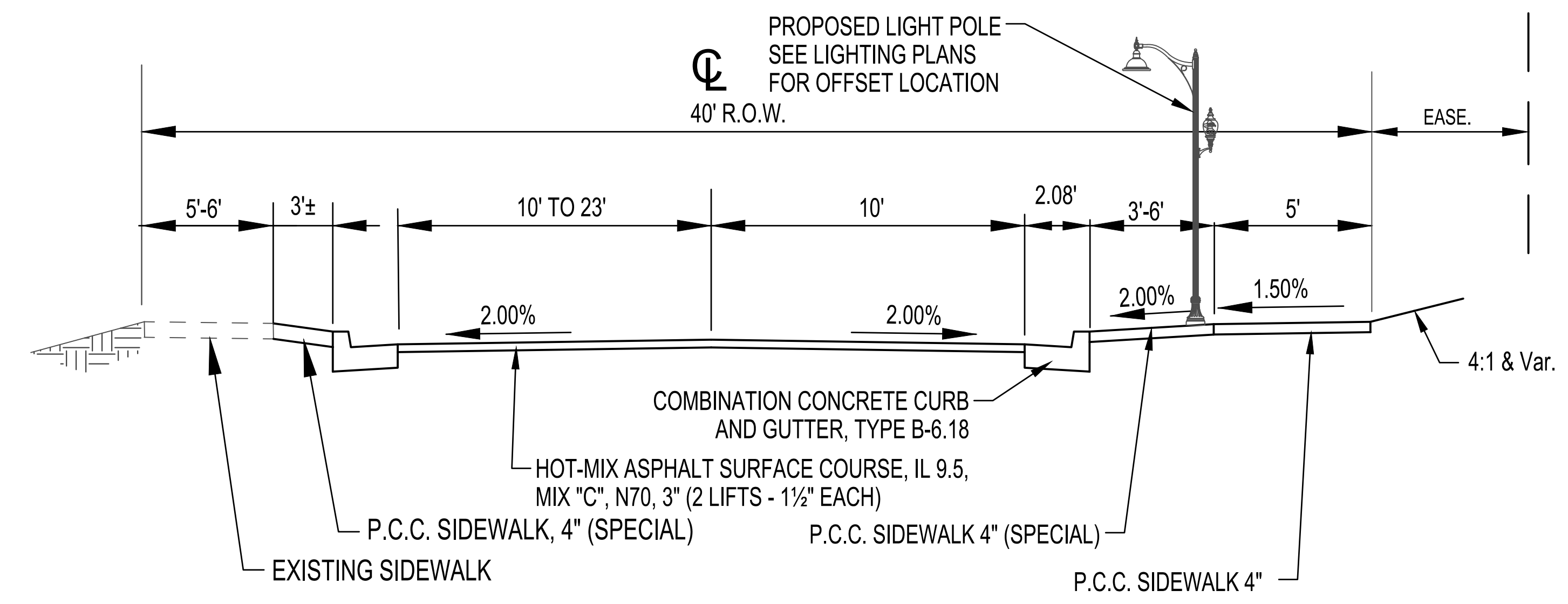
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	6
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT #95872



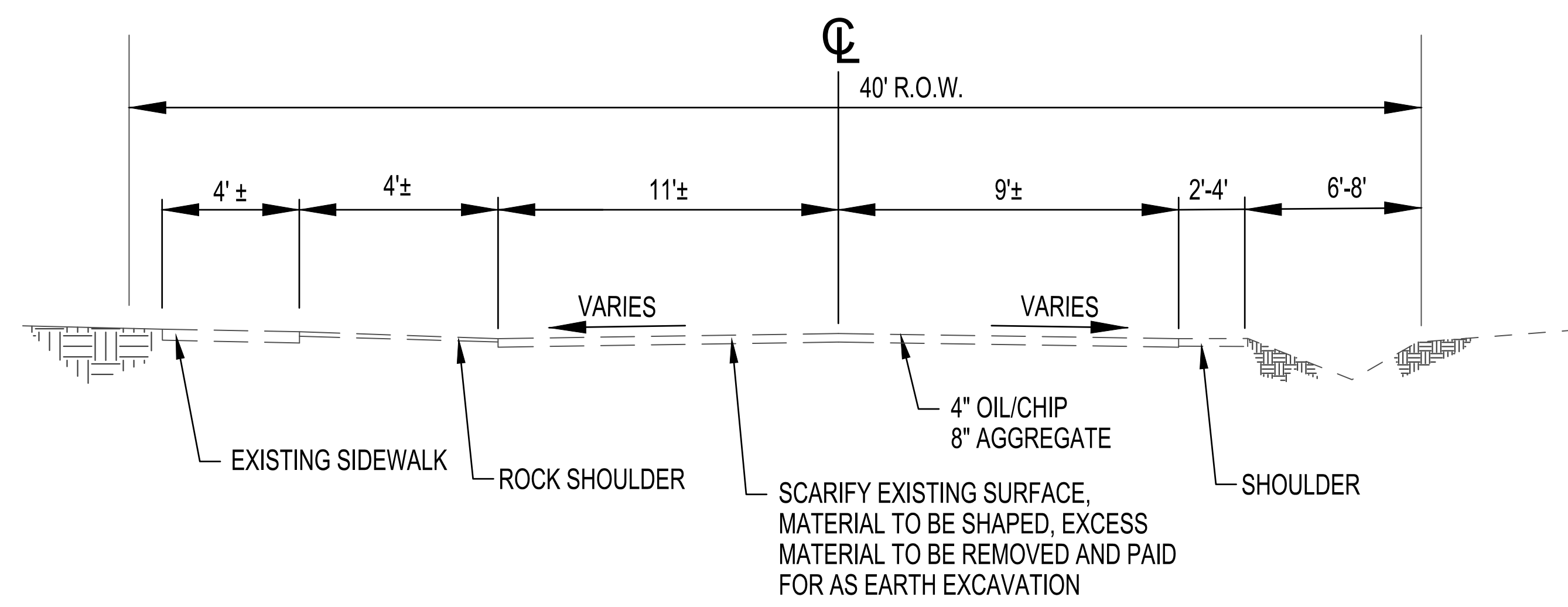
EXISTING TYPICAL SECTION

PARK STREET
STATION 400+30.83 - STATION 401+40.00



PROPOSED TYPICAL SECTION

PARK STREET
STATION 400+30.83 - STATION 403+83.70



EXISTING TYPICAL SECTION

PARK STREET
STATION 401+40.00 - STATION 403+83.70

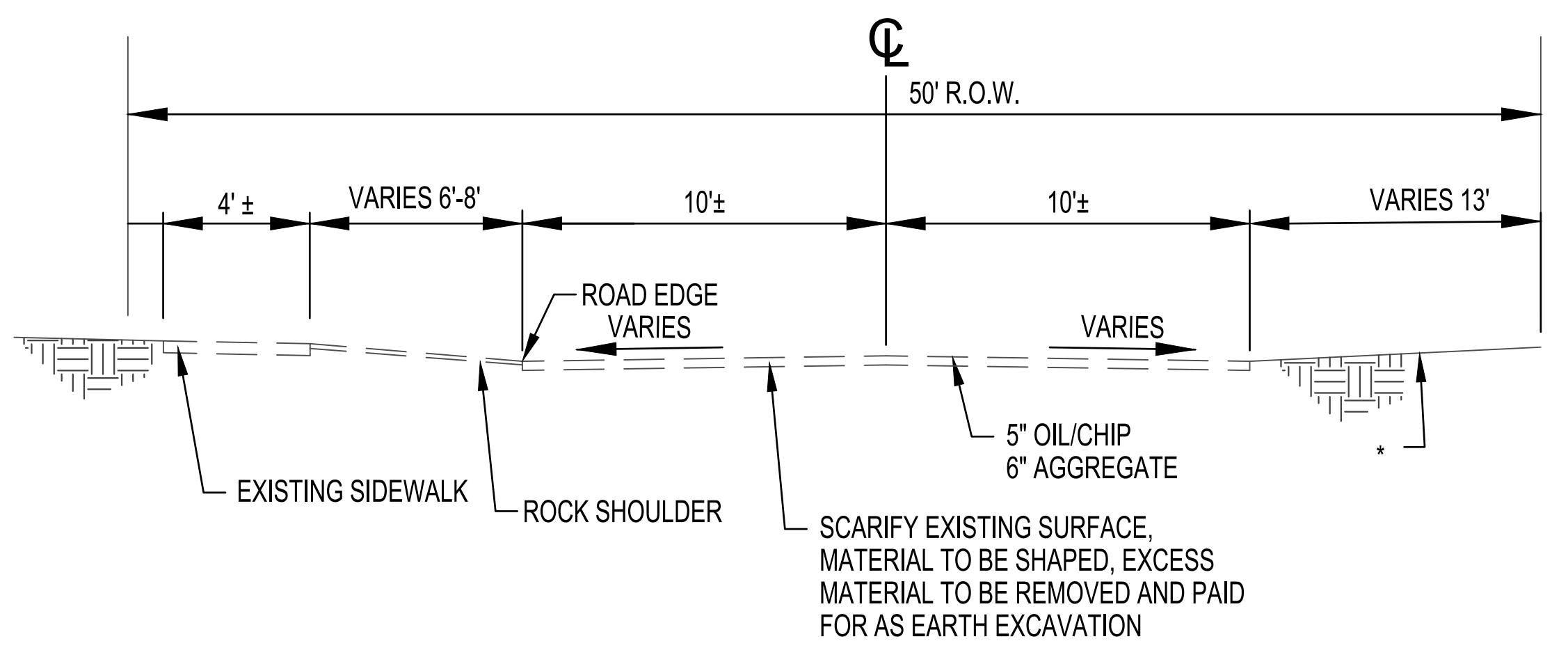
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgen@mgengineers.com
 Web: www.mgengineers.com
 Design Firm #184-003108

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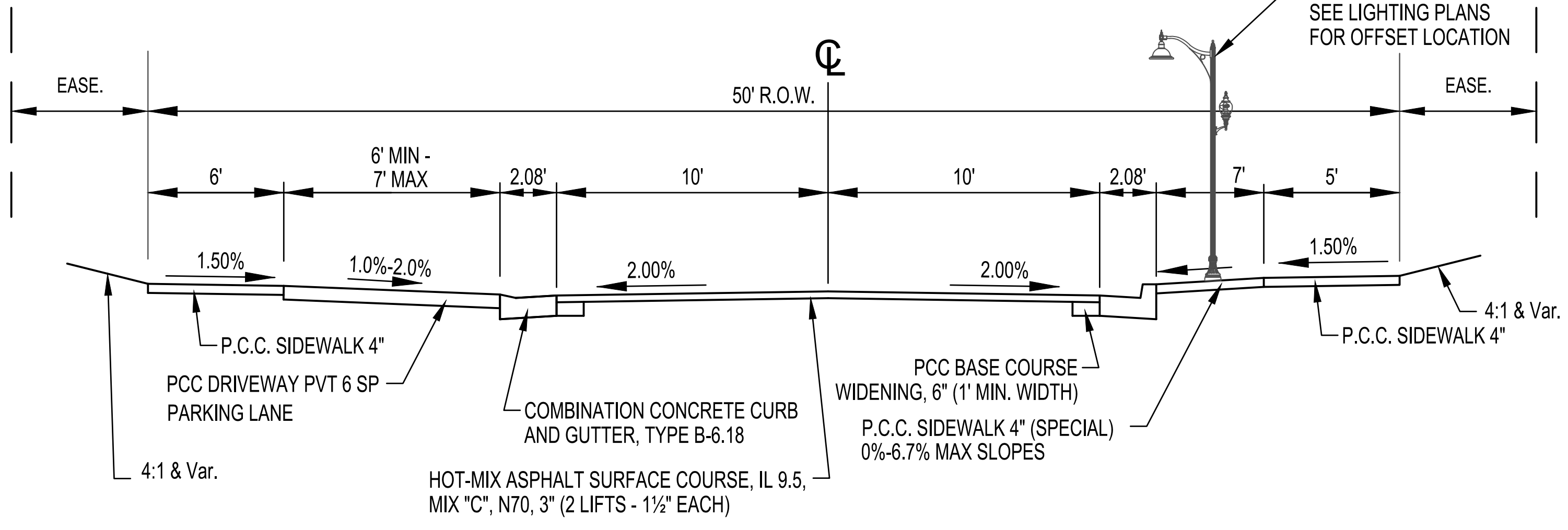
TYPICAL SECTIONS
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	7
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

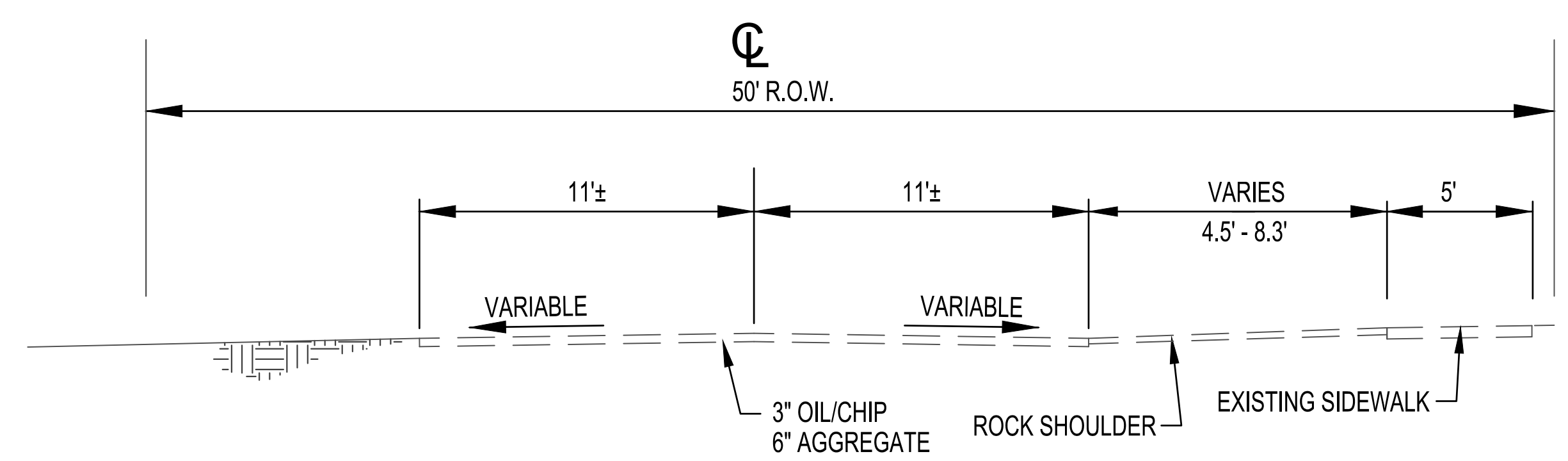
CONTRACT #95872



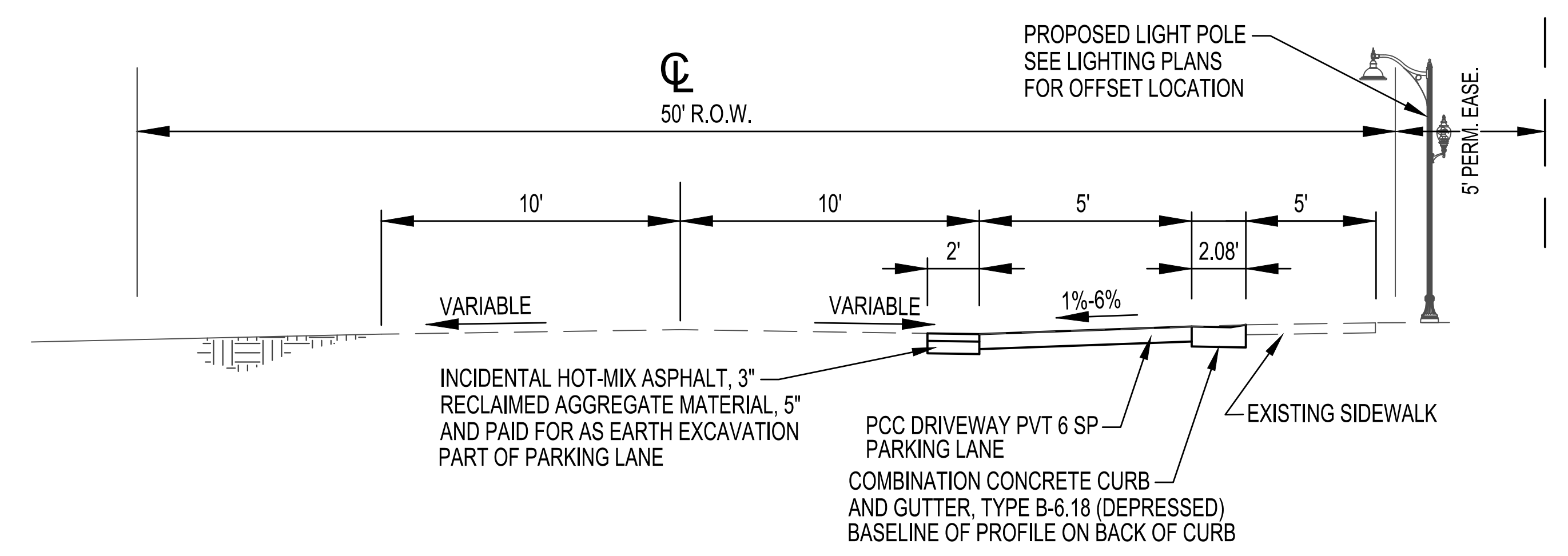
EXISTING TYPICAL SECTION
 CHURCH STREET
 PINE STREET TO SOUTH MAIN STREET
 STA 495+74 - STA 499+79



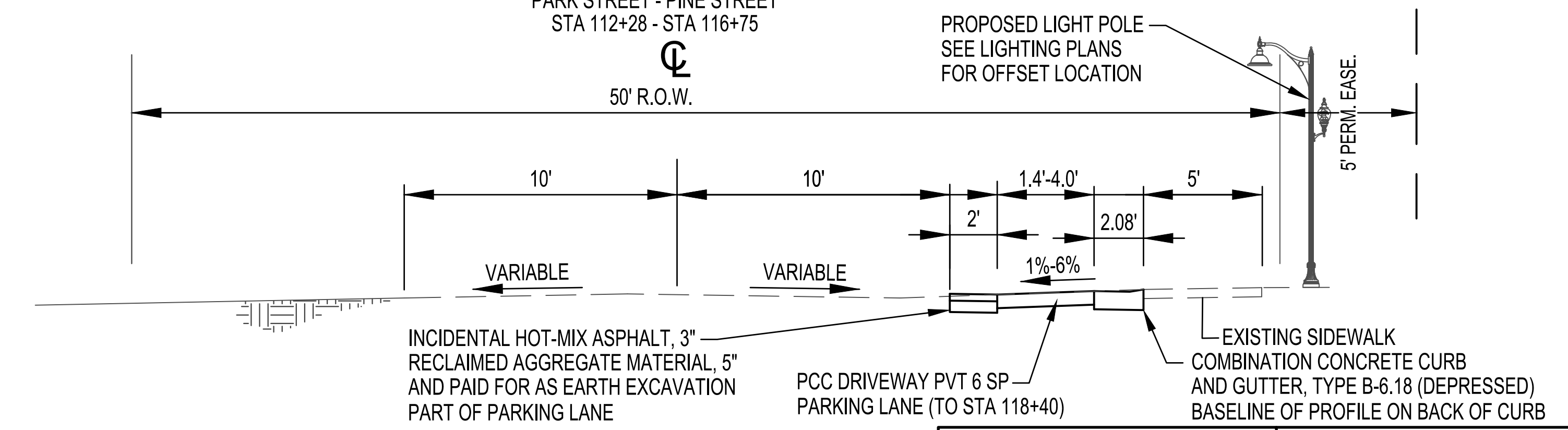
PROPOSED TYPICAL SECTION
 CHURCH STREET
 PARK STREET TO SOUTH MAIN STREET
 STA 495+74 - STA 499+79



EXISTING TYPICAL SECTION
 SECTION STREET
 STA 112+28 - STATION 120+29



PROPOSED TYPICAL SECTION
 SECTION STREET
 PARK STREET - PINE STREET
 STA 112+28 - STA 116+75



PROPOSED TYPICAL SECTION
 SECTION STREET
 PINE STREET - MAIN STREET
 STA 116+75 - STA 120+29

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TYPICAL SECTIONS
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

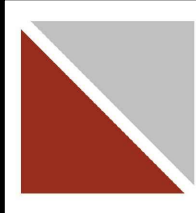
LOCATION	REMOVALS																	
	SCARIFY EXISTING SURFACE	RELOCATE EXISTING MAILBOX	BOLLARD REMOVAL	BOX CULVERT REMOVAL	STORM SEWER REMOVAL	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	FENCE REMOVAL	TREE REMOVAL (OVER 15 UNITS DIAMETER)	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	SIDEWALK REMOVAL	COMBINATION CURB & GUTTER REMOVAL	PIPE CULVERT REMOVAL	DOMESTIC METER VAULTS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	FRAMES AND LIDS TO BE ADJUSTED	REMOVING INLETS	
	SQ YD	EACH	EACH	FOOT	FOOT	EACH	FOOT	UNIT	SQ YD	SQ YD	SQ FT	FOOT	FOOT	EACH	EACH	EACH	EACH	
SECTION STREET																		
RT 112+01.65 - 120+28.72									186									
112+35.50 - 112+52.96											77							
RT 113+03.72														1				
RT 113+95.22														1				
RT 114+95.00 - 115+05.00											50							
RT 114+95.78														1				
RT 115+88.32														1				
RT 115+95.00 - 116+04.99											50							
RT 116+81.53 - 117+00.00											87							
118+15.00 - 118+25.01											50							
RT 119+70.53 - 119+80.06											50							
RT 119+75.50																	1	
SUBTOTAL	0	0	0	0	0	0	0	0	186	0	364	0	0	4	0	0	1	
PINE STREET SOUTH																		
200+10.08 - 206+13.00	1570																	
RT 200+15.86 - 203+00.50											1137							
LT 200+34.31 - 201+95.46											675							
LT 201+95.46 - 202+21.82										17								
LT 202+21.82 - 206+19.59											2177							
LT 203+17.06																	1	
LT 203+92.24 - 204+67.28							96											
LT 203+40.89 - 203+86.86							49											
RT 204+00.00 - 204+25.00											119							
RT 204+16.08					6												1	
204+16.08 - 204+34.56				46														
RT 204+34.56																	1	
204+43.64																		
RT 205+27.06 - 205+52.53											126							
RT 205+86.36 - 206+33.82											426							
RT 206+06.95								1									1	
RT 206+15.36 - 206+27.68																	14	
RT 206+14.51 - 206+34.10											10		24					
SUBTOTAL	1570	0	0	46	20	1	145	0	10	17	4660	24	0	0	0	3	2	
PINE STREET NORTH																		
RT 206+63.94 - 206+77.68																		
LT 206+67.7 - 208+37.87											668							
LT 206+71.35 - 206+77.43											6							
206+72.71 - 210+14.92																		
RT 206+77.02 - 208+20.24											79							
RT 206+77.72																		1
LT 207+09.18									30									
LT 207+28.62									30									
LT 207+41.48																		1
LT 208+51.94 - 210+06.70											592							
RT 208+59.38 - 209+11.59											42							
LT 209+35.19											30							
LT 209+71.90											30							
SUBTOTAL	551	0	0	0	6	0	0	0	120	0	121	1260	21	0	0	0	0	2
CHURCH STREET																		
495+73.64 - 499+79.52	991																	
LT 495+83.41																		1
495+83.68 - 496+08.54											37							
LT 496+05.06																		1
LT 496+28.97 - 497+80.19											585							
LT 496+36.12																		1
LT 496+34.43																		
RT 496+68.83																		1
RT 496+84.21																		1
RT 497+18.11																		
LT 497+71.96																		1
RT 497+79.90																		1
LT 497+88.44 - 499+68.63											798							
RT 498+71.04																		1
RT 498+72.39																		
RT 498+77.79																		1
LT 498+90.77																		1
RT 499+48.09																		
RT 499+52.28 - 499+56.87											64							
LT 499+57.08																		
LT 499+66.92																		1
LT 500+14.50 - 500+19.50											90							
SUBTOTAL	991	1	5	42	69	0	0	0	0	0	1,537	0	0	5	2	2	4	
PARK STREET																		
400+30.82 - 403+83.97	740																	
RT 400+32.47 - 400+23.01											57							
RT 401+21.74																		
RT 401+28.05 - 401+43.57																		
RT 402+27.00																		
RT 402+33.93 - 402+33.30																		
RT 402+22.76 - 402+33.04																		
LT 403+60.01 - 403+75.04																		
SUBTOTAL	740	0	0	0	0	0	21	0	0	0	179	0	30	1	0	0	0	
Total	3852	1	5	88	95	1	166	120	196	138	8000	45	30	10	2	5	9	

TREE SCHEDULE		
LOCATION	TREE, ACER PLATANOIDES CRIMSON KING (CRIMSON KING NORWAY MAPLE), 1-1/4" CALIPER, BALLED AND BURLAPPED	
	A2000810	
	EACH	
PINE STREET NORTH		
LT	207+09.18	1
LT	207+28.62	1
LT	209+35.19	1
LT	209+71.90	1
Total		4

FENCE SCHEDULE		
LOCATION	FENCE (SPECIAL)	
	X2200003	
	EACH	
PINE STREET NORTH		
LT	203+40.86 - 203+84.94	44
LT	203+93.44 - 204+67.13	74
Total		118

EARTHWORK SCHEDULE			
(1)	(2)	(3)	(4)
EARTH EXCAVATION (CUT ONLY)	EXCAVATION TO BE USED AS EMBANKMENT ((4)*0.75)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE(-) FURNISHED EXCAVATION
CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
1180	890	70	820

SEE ELECTRICAL SHEETS FOR SCHEDULES ON WIRING/LIGHTING

 MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgenengineers.com Design Firm #184-003108	SCHEDULE OF QUANTITIES DOWNTOWN ENHANCMENT ITEP PHASE 5 SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS
	S:\2016\16348\DWG\QUANTITIES.DWG SAVE DATE: 2/20/2020 15:04

LOCATION	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.18	CORRUGATED MEDIAN	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL
	40604052	40800050	42001300	35400100	42300200	42300400	X4230710	42400100	42400800	60600605	60604400	60624600	X4240420
	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	FOOT	FOOT	SQ FT	SQ FT
SECTION STREET													
RT 112+01.73 - 120+28.72		8											
RT 112+49.96 - 113+38.88			0				63						
RT 112+49.96 - 116+56.70											407		
RT 113+36.88 - 113+53.88			13		13								
RT 113+51.88 - 114+14.86			0				46						
RT 114+12.86 - 114+36.85			18		18								
RT 113+34.85 - 116+57.37			0				160						
RT 114+95.00 - 115+05.00			6					50					47
RT 115+95.00 - 116+05.00			6					50					
RT 116+93.53 - 117+29.33			0				15						
RT 116+95.53 - 120+28.72											333		
RT 117+27.33 - 117+57.32			19		19								
RT 117+55.33 - 118+40.92			0				35						
RT 118+15.01 - 118+25.00			6					50					
RT 118+38.92 - 118+70.92			16		16								
RT 118+68.92 - 119+90.86			0				44						
RT 119+70.53 - 119+80.06			6					50					
RT 119+76.53 - 120+28.55			13										118
RT 120+34.50 - 120+39.20			2										15
SUBTOTAL	0	8	105	0	66	0	363	200	0	0	740	0	133
PINE STREET SOUTH													
RT 200+08.80 - 200+28.73			0				8						
RT 200+12.00 - 206+14.56				151							630		
RT 200+12.00 - 206+13.00	230												
RT 200+15.82 - 204+25.13			231					2083					
RT 200+28.17 - 200+33.17									10				
LT 200+11.91 - 206+13.64											608		
LT 200+28.17 - 200+33.17									10				
LT 200+28.17 - 201+94.29			114					1023					
RT 200+33.17 - 204+64.54			0				149						
LT 201+94.29 - 202+21.24			32										
LT 202+16.35 - 202+18.64										7			
LT 202+18.64 - 205+09.87			538		280			2320	464				
LT 202+40.49 - 204+64.50													
LT 202+72.72 - 204+32.53											2512		
RT 204+62.51 - 204+95.25			22		22								
RT 204+93.25 - 205+52.62			0				33						
LT 205+09.87 - 205+36.13			21		21								
RT 205+27.06 - 205+52.53			11					96					
LT 205+36.13 - 206+19.59			56					505					
RT 205+50.62 - 205+83.38			23		23								
RT 205+81.42 - 206+20.64							17						
RT 205+86.36 - 206+31.36								300	25				
RT 206+25.80 - 206+33.82							13						
SUBTOTAL	230	0	1048	151	98	280	220	6327	509	7	1238	2512	0
PINE STREET NORTH													
RT 206+63.94 - 210+06.93													347
LT 206+67.70 - 208+37.01			0				107						
LT 206+67.70 - 208+38.10			94					850					
RT 206+68.08 - 207+51.65			47			47							
RT 206+69.20 - 210+14.44	132			190									
LT 206+71.35 - 210+09.76												337	
RT 207+51.70 - 207+75.78			0				11						
RT 207+73.78 - 208+03.78			17			17							
RT 208+01.78 - 208+77.63			0				36						
LT 208+32.21 - 208+57.52			22		22								
LT 208+51.57 - 208+78.75			15					134					
LT 208+53.01 - 208+78.75			0				15						
RT 208+75.63 - 208+95.63			17			17							
LT 208+76.75 - 209+12.75			40		40								
RT 208+93.64 - 210+01.95			5				54	44					
LT 209+10.75 - 210+01.90			0										
LT 209+10.75 - 210+06.33			57					517					
LT 210+01.91 - 210+06.73							58		13				
RT 210+01.95 - 210+06.92									13				44
SUBTOTAL	132	0	314	190	143	0	281	1545	26	0	684	0	44

SEE ELECTRICAL SHEETS FOR SCHEDULES ON WIRING/LIGHTING

LOCATION	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.18	CORRUGATED MEDIAN	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	
	40604052	40800050	42001300	35400100	42300200	42300400	X4230710	42400100	42400800	60600605	60604400	60624600	X4240420
	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	FOOT	FOOT	SQ FT	SQ FT
CHURCH STREET													
RT 495+74.40 - 499+69.56													398
LT 496+18.92 - 499+65.76													347
RT 495+73.53 - 499+79.42	164							82		70			
LT 496+29.90 - 497+73.44												742	10
RT 496+31.95 - 496+36.93													10
RT 496+31.95 - 496+44.95								12					107
LT 496+34.92 - 497+72.95								0				74	
RT 496+37.51 - 496+44.93								5					47
LT 496+41.95 - 496+67.95								44			44		
RT 496+42.95 - 496+64.95								27		27			
RT 496+62.95 - 496+94.69								40					159
RT 496+92.69 - 497+14.69								27		27			
RT 497+12.69 - 497+97.81								112					431
LT 497+63.44 - 497+98.44								29			29		
LT 497+88.16 - 498+43.91								37					332
LT 497+88.92 - 498+43.91								0					38
RT 497+95.81 - 498+25.31								35			35		
RT 498+23.31 - 498+81.39								75					293
LT 498+41.95 - 498+60.45								24		24			
LT 498+58.45 - 499+80.31								94					846
LT 498+58.45 - 499+58.47								0					76
RT 498+79.39 - 499+01.89								28		28			
RT 498+99.98 - 499+56.21								76					337
RT 499+51.06 - 500+56.06													10
LT 499+68.62 - 499+79.00								0				19	
LT 500+14.50 - 500+19.50								18					158
SUBTOTAL	164	0	765		70		141	73	207	3,405	60	0	745
PARK STREET													
RT 400+30.83 - 403+84.29	143									202			
RT 400+23.78 - 401+30.67								84					453
RT 400+31.47 - 403+75.69													339
LT 400+56.41 - 403+84.10													338
LT 400+62.39 - 402+53.56								64					576
RT 401+28.99 - 401+42.99								13		13			
RT 401+41.35 - 402+08.30								54					324
RT 402+02.89 - 402+24.17								22			22		10
RT 402+18.90 - 402+34.98								11					71
RT 402+33.23 - 402+46.56								11			11		

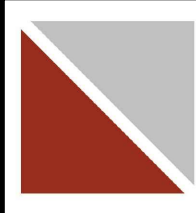
STRUCTURES

No.	Station	Offset	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	INLETS, TYPE A, TYPE 8 GRATE	INLETS, TYPE B, TYPE 8 GRATE	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	STORM SEWER CONNECTION
			6022230	60218300	60221000	60223700	60224005	60234200	60235700	60237460	60236200	60240301	60240327	54213660	X0323389
1	115+00	1.04' LT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
2	115+75	1.04' LT													
3	116+54.15	1.04' LT													
4	118+20	1.04' LT													
5	119+75.53	1.04' LT													
6	210+07.88	11.04'LT		1											1
7	208+50	11.54' LT													
8	208+50	11.54' RT													
9	207+41.80	11.54' LT													
10	207+00	11.54'LT													
11	207+00	11.54' RT													
12	206+26.57	12.51' RT													
13	204+47.13	11.04'LT													
14	204+37.13	11.54'LT													
15	204+34.54	23.01'LT					1								2
16	204+47.13	11.04'RT													
17	204+37.13	11.54'RT													
18	204+37.13	22.14'RT													
19	204+15.77	22.26'RT					1								2
20	203+00	11.04'LT													
21	203+00	11.54'RT													
22	200+25.83	23.09'RT													
23	200+20.07	15.58'LT													
24	200+14.24	16.52'RT													
25	496+11.04	8.65'LT			1										
26	496+11.87	12.35'RT													
27	496+12.20	20.73'RT													
28	497+71.63	11.54'LT													
29	497+71.63	11.23'RT													
29B	498+41.48	16.41'LT													
30	499+66.89	17.46'LT													
31	499+65.24	28.50'RT													
32	401+03.73	12.17'LT	1												
33	400+77.23	25.60'RT													
34	400+69.17	11.90'RT	1												
TOTAL			2	1	1	1	1	3	2	12	3	1	7	1	5

EROSION CONTROL			
LOCATION	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS
	28000400	28000500	28000510
	FOOT	EACH	EACH
SECTION STREET			
1.04' LT	115+00	1	1
1.04' LT	115+75	1	1
1.04' LT	116+54.15	1	1
1.04' LT	118+20	1	1
1.04' LT	119+75.53	1	1
PINE STREET			
11.04'LT	210+07.88	1	1
11.54' LT	208+50	1	1
11.54' RT	208+50	1	1
11.54' LT	207+41.80	1	1
11.54'LT	207+00	1	1
11.54' RT	207+00	1	1
21.10' RT	206+07.25	1	1
11.04'LT	204+47.13	1	1
11.54'LT	204+37.13	1	1
23.01'LT	204+34.54	1	1
11.04'RT	204+47.13	1	1
11.54'RT	204+37.13	1	1
22.14'RT	204+37.13	1	1
22.26'RT	204+15.77	1	1
RT	203+25-204+25	100	
11.04'LT	203+00	1	1
11.54'RT	203+00	1	1
23.09'RT	200+25.83	1	1
15.58'LT	200+20.07	1	1
16.52'RT	200+14.24	1	1
CHURCH STREET			
RT	495+74 - 496+32	57	
8.65'LT	496+11.04	1	1
12.35'RT	496+11.87	1	1
20.73'RT	496+12.20	1	1
11.54'LT	497+71.63	1	1
11.23'RT	497+71.63	1	1
16.41' LT	498+41.48	1	1
17.46'LT	499+66.89	1	1
28.50'RT	499+65.24	1	1
PARK STREET			
12.17'LT	401+03.73	1	1
25.60'RT	400+77.23	1	1
11.90'RT	400+69.17	1	1
RT	400+31 - 401+30	77	
Total		234	35

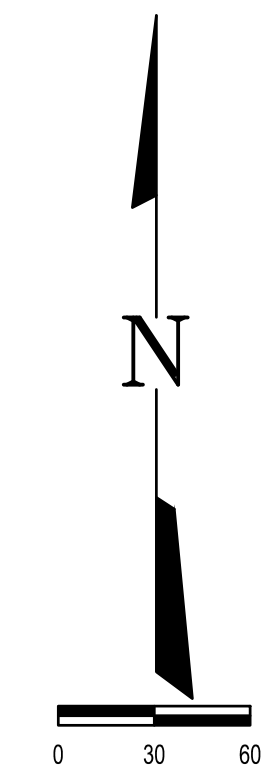
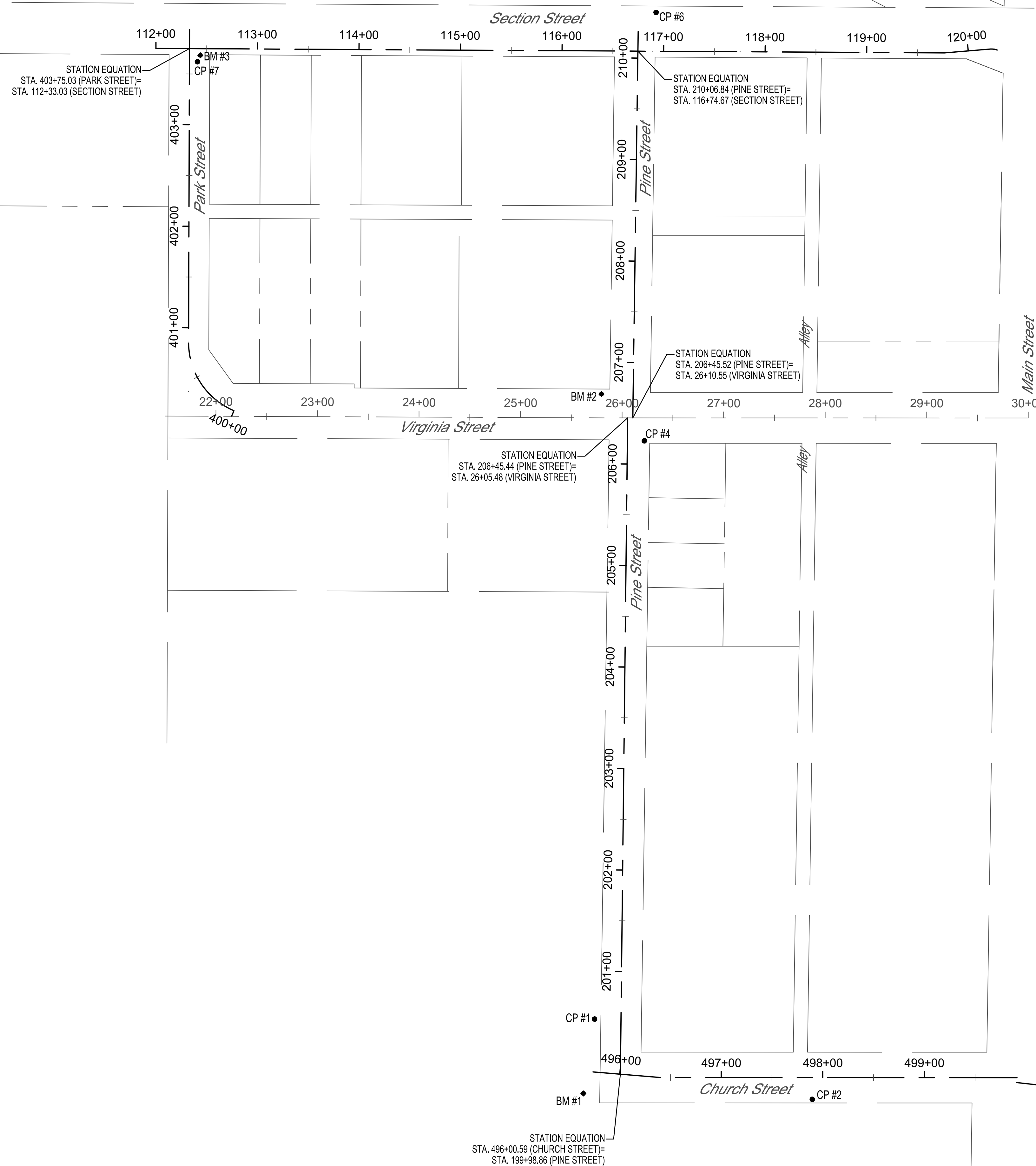
STORM SEWER											
PIPE SLOPE		STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 48"	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	STORM SEWER (WATER MAIN REQUIREMENTS) 16 INCH	DIRECTIONAL BORING	STORM SEWERS, CLASS B, TYPE 2 8"	TRENCH BACKFILL
From Structure	To Structure	550A2320	550A2330	550A2520	550A2530	550A2420	Z0056608	Z0056611	X0325379	X1200046	20800150
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
1	2	0.44%	98								18.6
2	3	0.44%	53								11.7
3	6	0.44%	7								1.5
4	6	0.44%		154							55.4
6	7	0.32%			155						121.9
8	7	0.44%	21								8.4
7	9	0.32%				106					86.5
9	10	0.32%				39					24.9
10	11	0.32%				61					56.3
11	EXISTING INLET	0.32%						91	60		53.0
12	EXISTING INLET	0.75%								20	2.6
13	14	0.44%	8								1.7
14	17	0.44%	20								4.4
16	17	0.44%	8								1.9
17	18	0.44%	8								3.2
15	19	2.00%				43					23.6
21	19	0.32%		116							56.9
20	21	0.44%					21				5.2
25	21	0.32%		290							178.0
22	24	0.44%	12								2.7
24	25	0.44%	6								1.5
23	25	0.44%	27								6.8
27	26	0.44%	7								2.2
26	25	0.44%	18								7.2
29	28	0.44%	21								5.1
28	25	0.32%		157							67.1
28	29B	0.44%								79	11.2
30	31	0.44%	39								5.4
34	33	0.44%	12								2.2
TOTAL			365	563	154	361	43	21	91	60	827

SEE ELECTRICAL SHEETS FOR SCHEDULES ON WIRING/LIGHTING

 <p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@engr.com Web: www.mgen.com Design Firm #184-003108</p>	<p>SCHEDULE OF QUANTITIES DOWNTOWN ENHANCMENT ITEP PHASE 5 SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS</p>
	<p>S:\2016\16348\DWG\QUANTITIES.DWG SAVE DATE: 2/20/2020 15:04</p>

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	11
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



Point Table				
Point #	Elevation	Northing	Easting	Description
1	586.58	870658.94	970567.93	Control PT #1
2	582.42	870579.84	970782.34	Control PT #2
4	587.04	871228.55	970616.95	Control PT #4
6	591.46	871650.60	970628.51	Control PT #6
7	593.10	871602.03	970176.82	Control PT #7

BENCHMARKS		
NUMBER	DESCRIPTION	ELEVATION
BM 1	SAW X IN CONCRETE CURB AT TOP OF TAPPER AT SOUTH WEST QUADRANT OF PINE ST AND CHURCH ST	585.89
BM 2	TOP OF SOUTH EAST BOLT ON FIRE HYDRANT AT NORTH WEST QUADRANT OF VIRGINIA ST AND PINE ST	590.15
BM 3	CHISELED X ON FIRE HYDRANT ON SOUTH WEST BOLT SOUTH EAST QUADRANT SECTION ST AND PARK ST	595.46

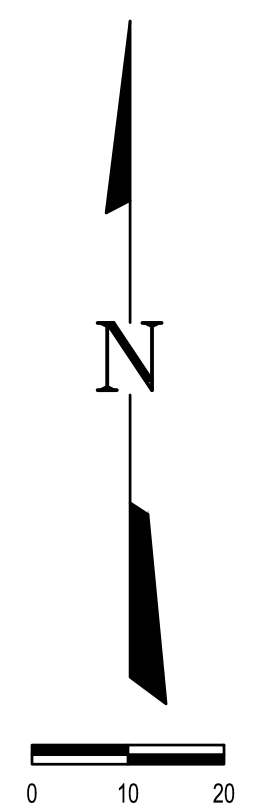
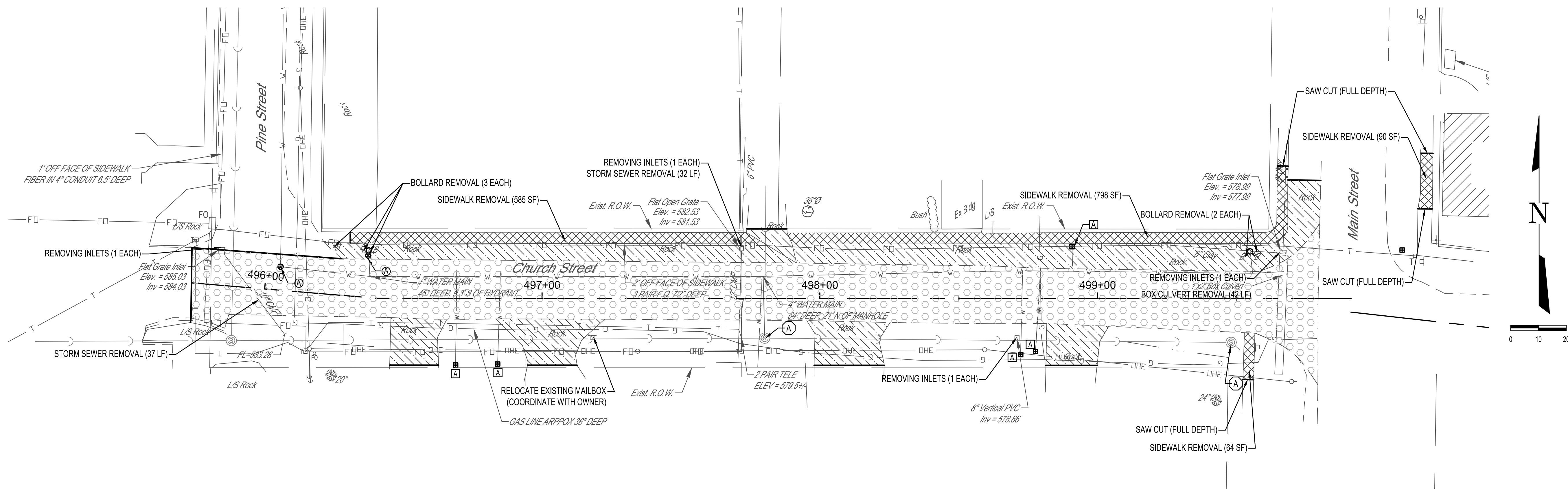

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 Design Firm #184-003108

CONTROL AND BENCHMARKS
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	12
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



LEGEND

- SIDEWALK REMOVAL
- CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
- SCARIFY EXISTING SURFACE (SEE NOTE 6)
- DRIVEWAY PAVEMENT REMOVAL
- AGGREGATE DRIVEWAY REMOVAL (SEE NOTE 5)
- DOMESTIC METER VAULTS TO BE ADJUSTED
- WATER VALVE TO BE ADJUSTED
- FRAMES AND LIDS TO BE ADJUSTED

DEMOLITION NOTES

1. SAW CUTTING ALONG CURB AND GUTTER SHALL BE PERFORMED ALONG THE EDGE OF THE GUTTER FLAG OR ALONG THE BACK OF CURB.
2. ALL PAVEMENT AND SIDEWALKS SHALL BE SAWCUT THE FULL DEPTH PRIOR TO REMOVAL.
3. CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT THE PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN 2 FEET AWAY.
4. CONTRACTOR SHALL SEE SPECIAL PROVISIONS RELATING TO NON-SPECIAL WASTE DISPOSAL.
5. ALL AGGREGATE DRIVEWAY MATERIAL REMOVAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
6. ALL PAVEMENT MATERIAL REMOVAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

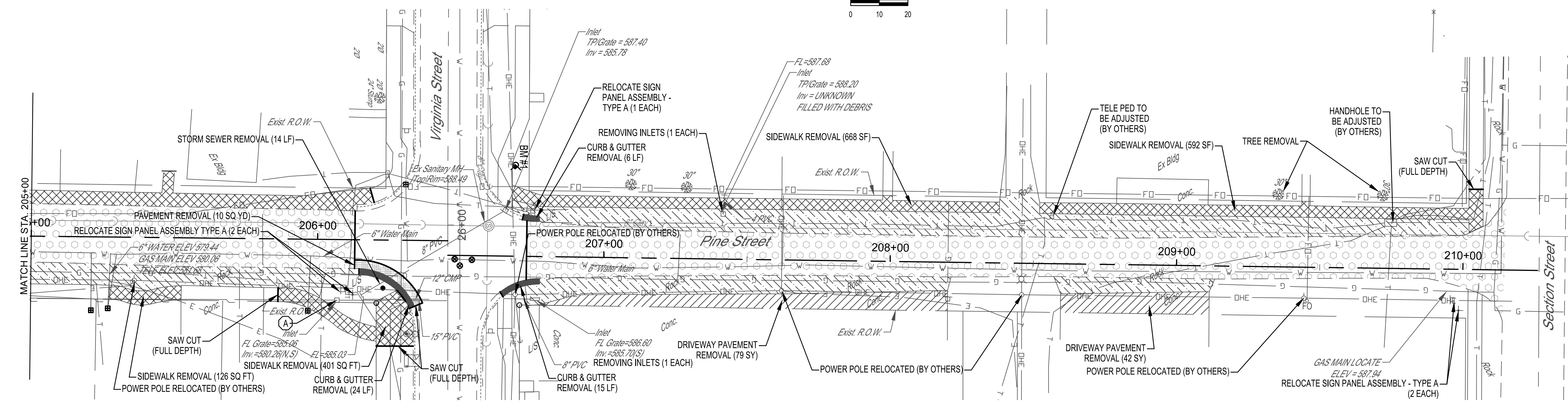
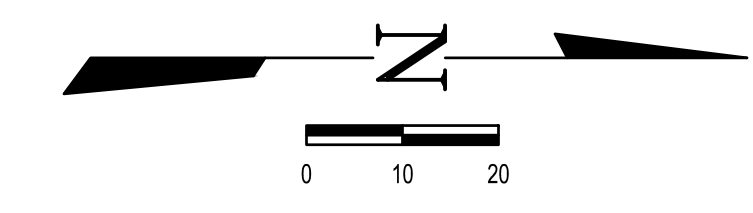
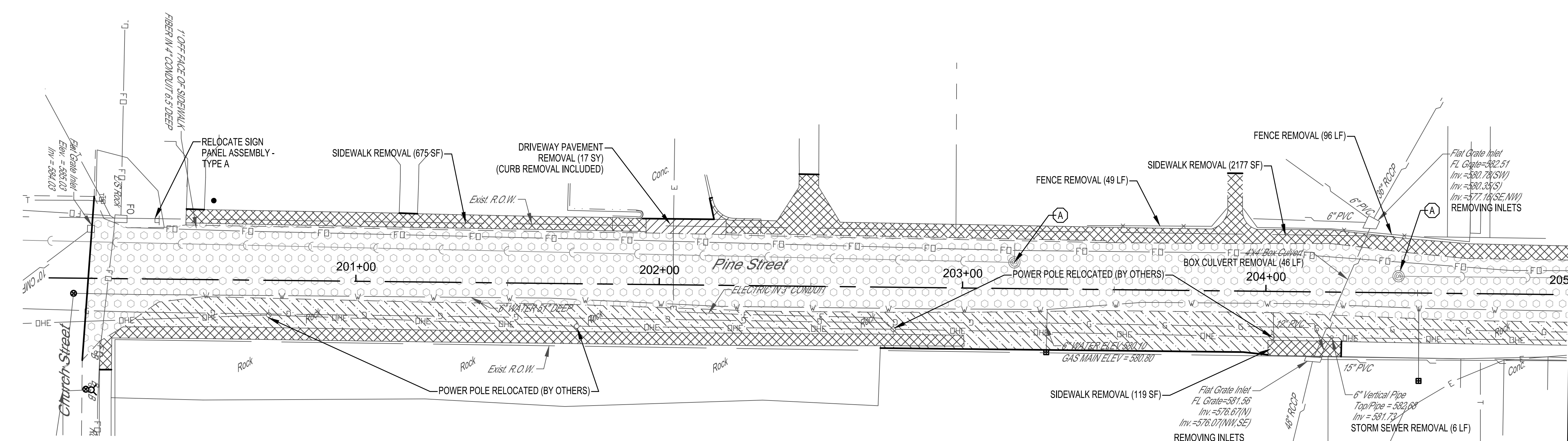
MILANO & GRUNLOH ENGINEERS, LLC
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**CHURCH STREET
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS**

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	13
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



LEGEND

	SIDEWALK REMOVAL
	CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
	SCARIFY EXISTING SURFACE (SEE NOTE 6)
	DRIVEWAY PAVEMENT REMOVAL
	AGGREGATE DRIVEWAY REMOVAL (SEE NOTE 5)
	DOMESTIC METER VAULTS TO BE ADJUSTED
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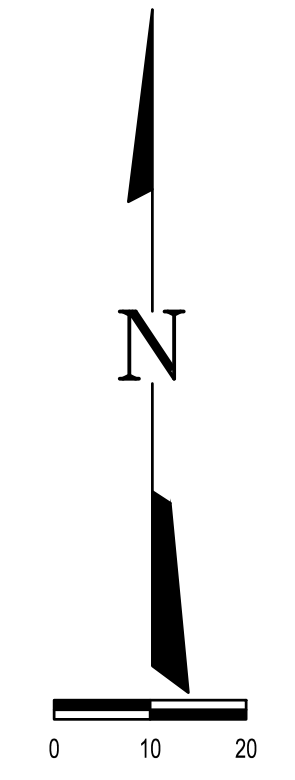
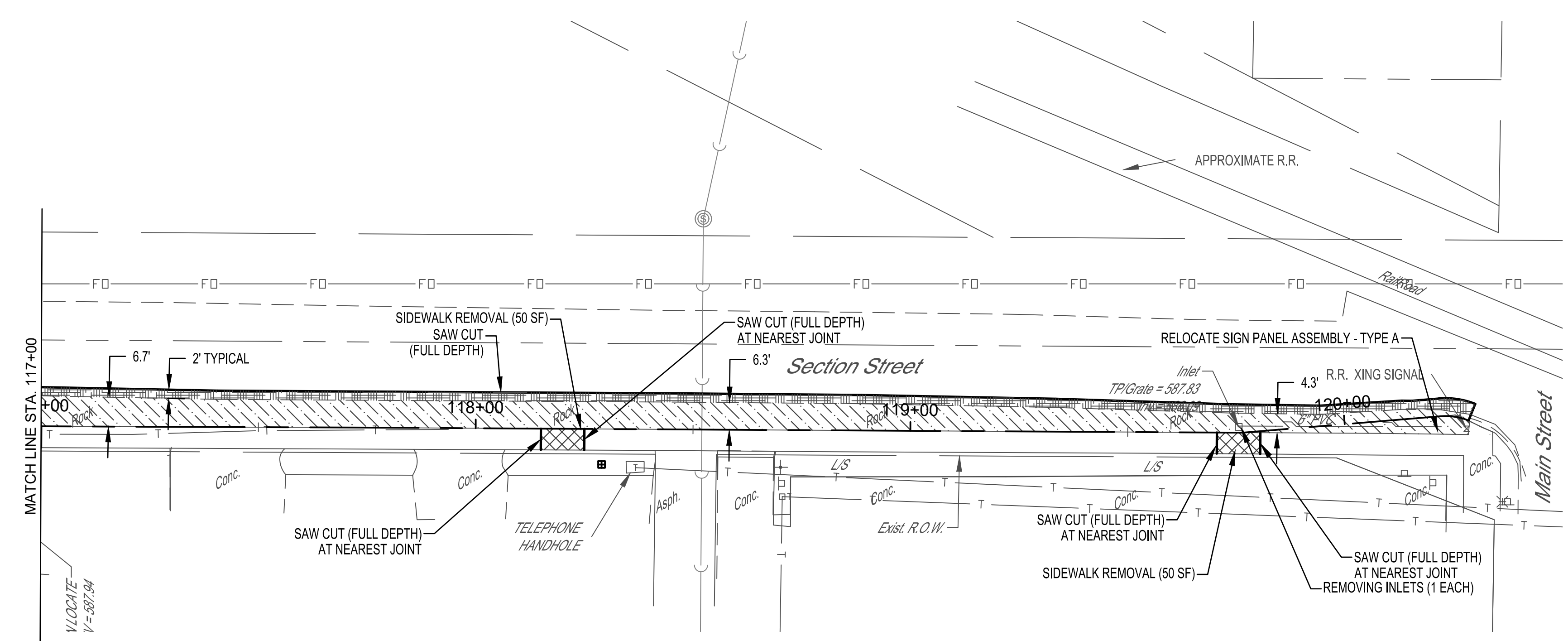
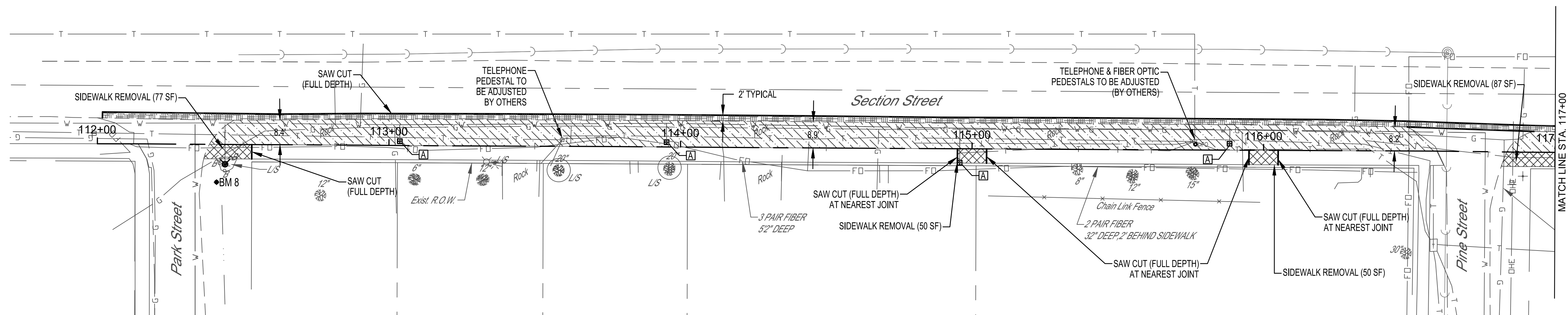
MILANO & GRUNLOH ENGINEERS, LLC
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**PINE STREET
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS**

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	14
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



DEMOLITION NOTES

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LEGEND

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	CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
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	DRIVEWAY PAVEMENT REMOVAL
	AGGREGATE DRIVEWAY REMOVAL (SEE NOTE 5)
	DOMESTIC METER VAULTS TO BE ADJUSTED
	WATER VALVE TO BE ADJUSTED
	FRAMES AND LIDS TO BE ADJUSTED

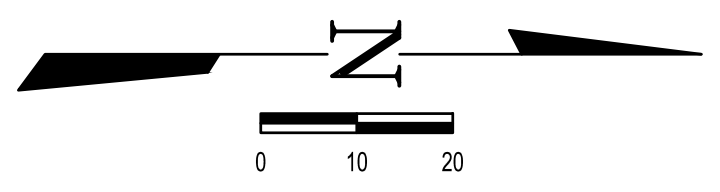
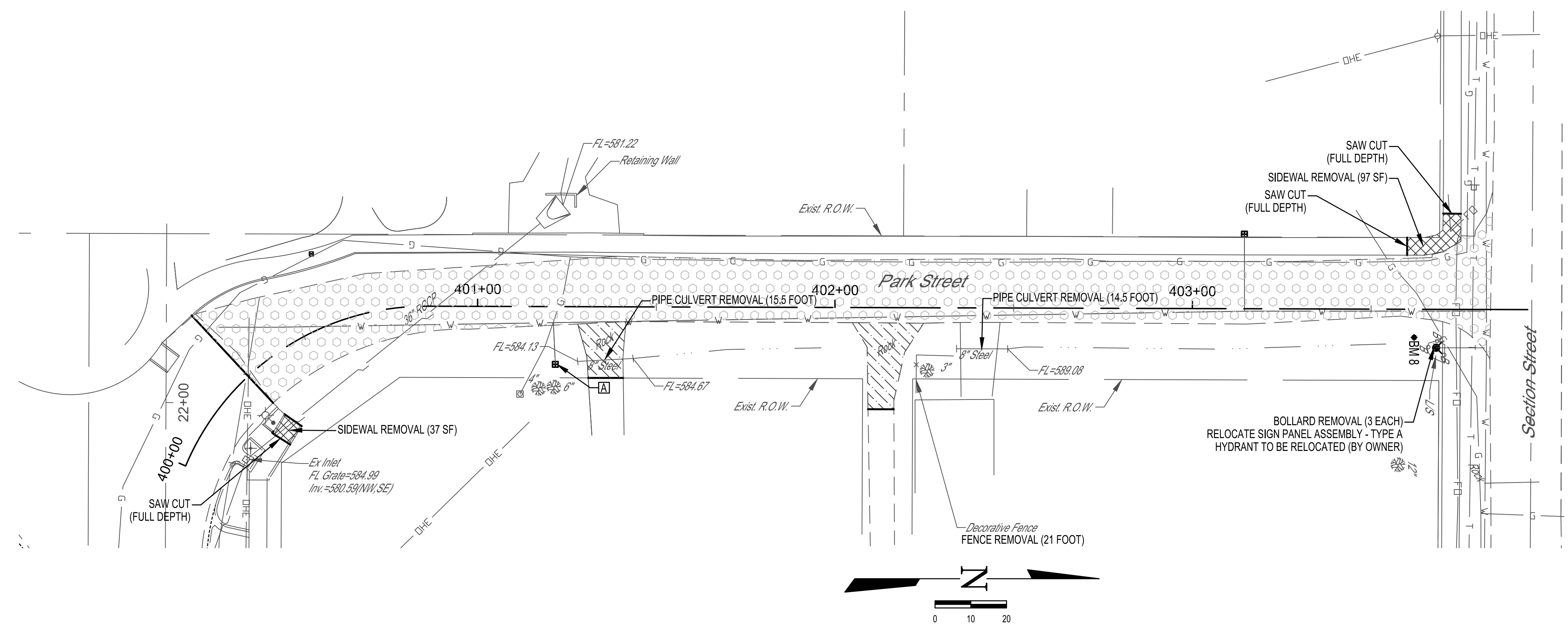
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1000TH AVENUE
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	15
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



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LEGEND

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	CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
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**PARK STREET
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS**

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I.	16-00009-00-SW	EFFINGHAM	49	16
F.A.				

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT CONTRACT #95872

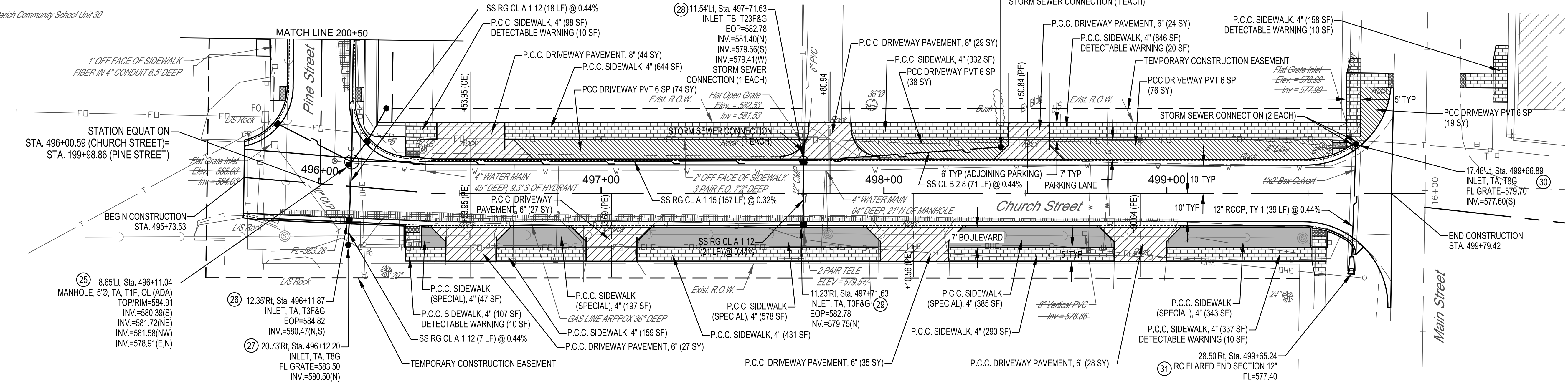
Dieterich Community School Unit 30

Dieterich Community School Unit 30

Donald Fulk Jr.

Larry & Marilyn Roberts

Lorannetta & Richard Poe



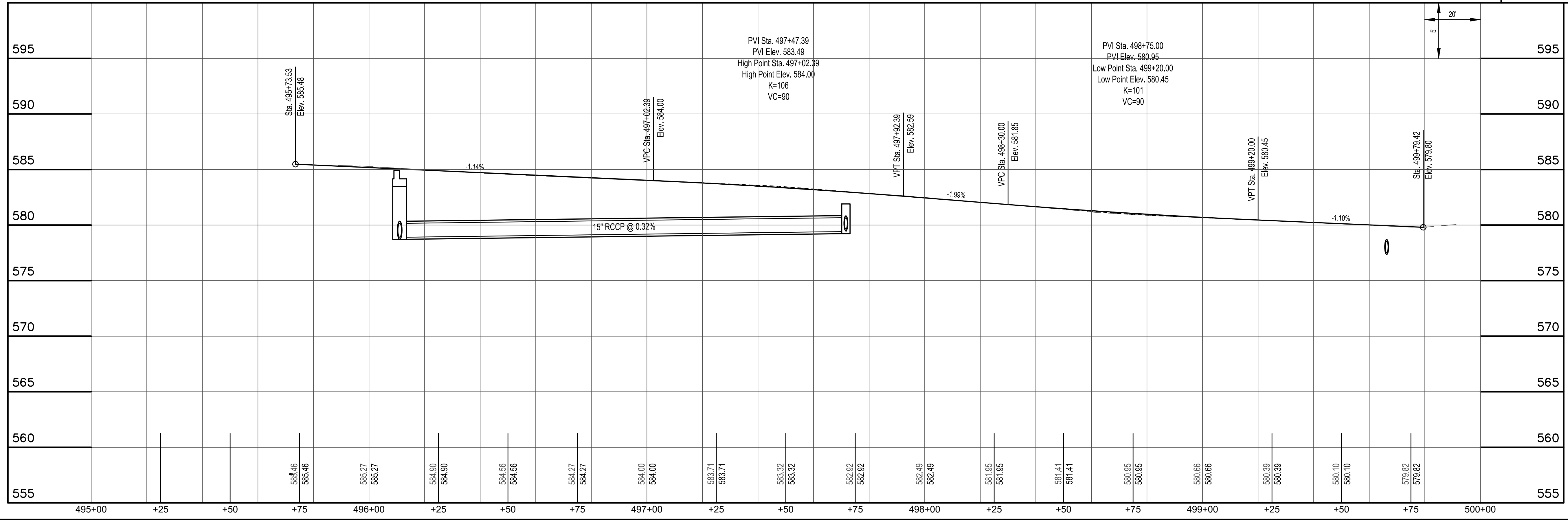
UTILITY LOCATION AND DEPTH INFORMATION SHOWN FOR REFERENCE ONLY - CONTRACTOR TO FIELD VERIFY ACTUAL LOCATION

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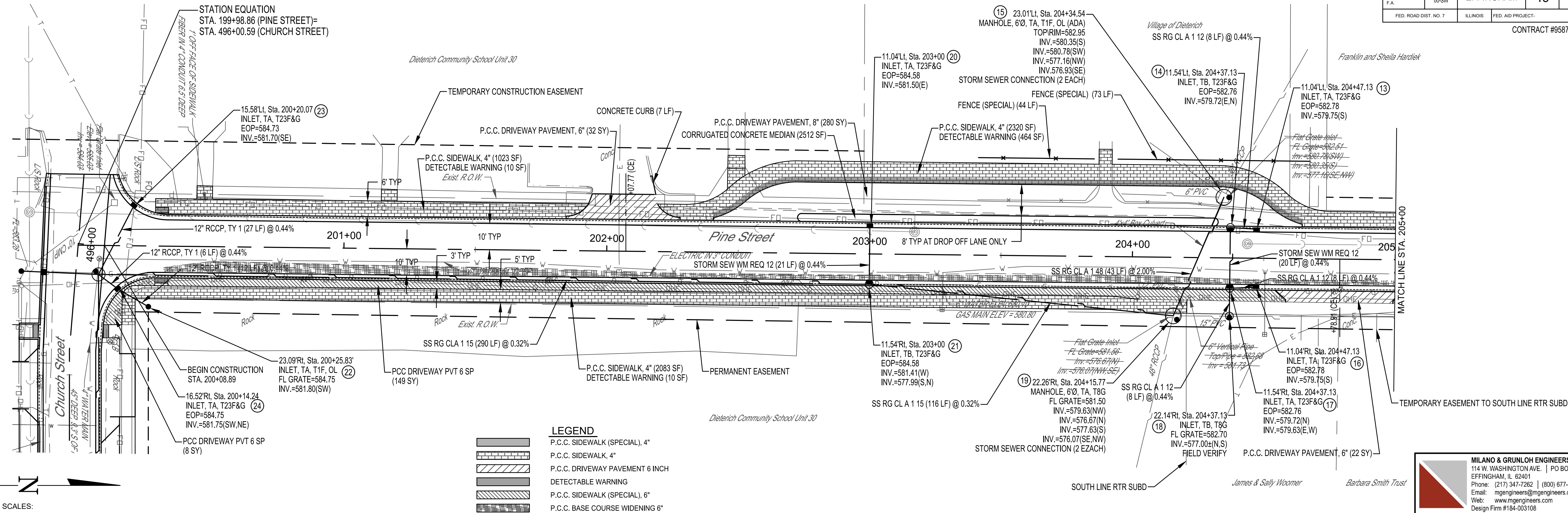
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[Pattern]	P.C.C. SIDEWALK, 4"
[Pattern]	P.C.C. DRIVEWAY PAVEMENT 6 INCH
[Pattern]	DETECTABLE WARNING
[Pattern]	P.C.C. SIDEWALK (SPECIAL), 6"
[Pattern]	P.C.C. BASE COURSE WIDENING 6"

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 Design Firm #184-003108

SCALES:
 1" = 20' HOR
 1" = 5' VER



CHURCH STREET



LEGEND

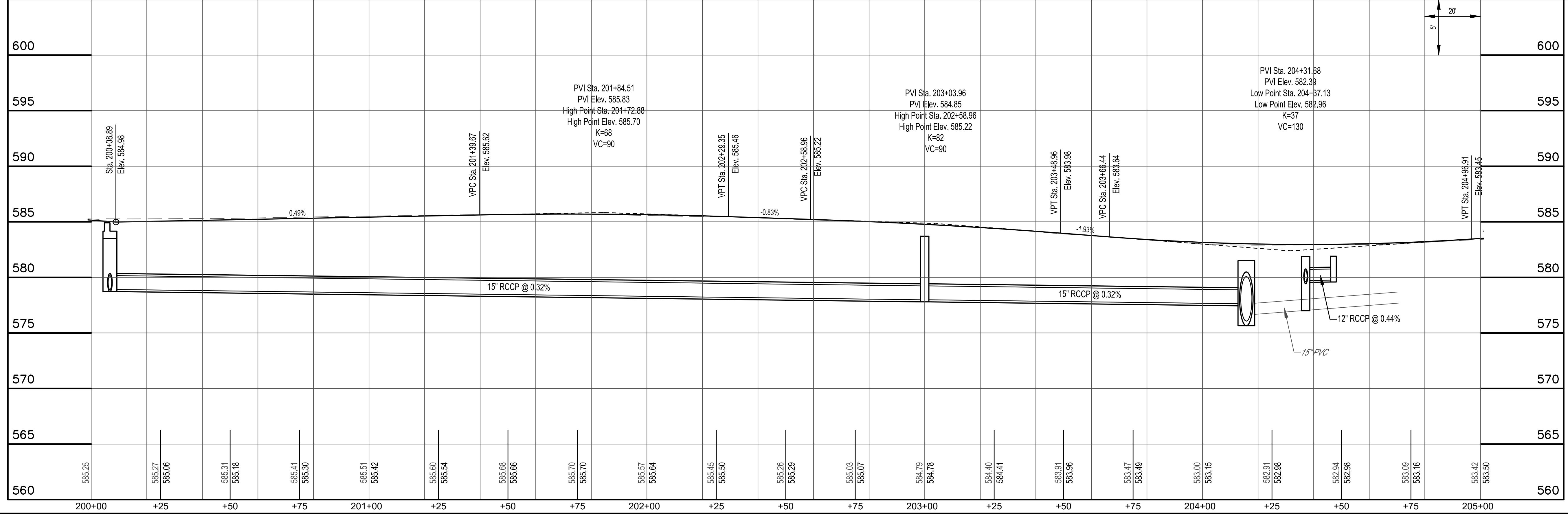
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P.C.C. SIDEWALK, 4"
P.C.C. DRIVEWAY PAVEMENT 6 INCH
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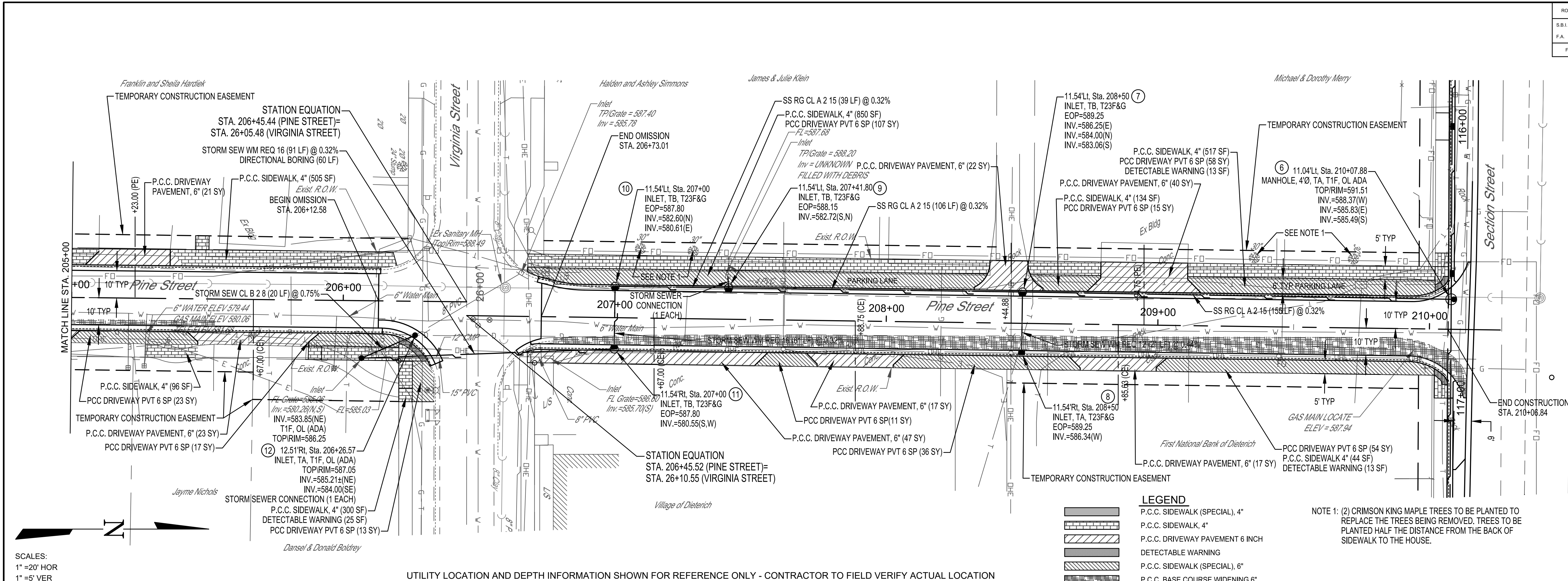
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SCALES:
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 1" = 5' VER

UTILITY LOCATION AND DEPTH INFORMATION SHOWN FOR REFERENCE ONLY - CONTRACTOR TO FIELD VERIFY ACTUAL LOCATION

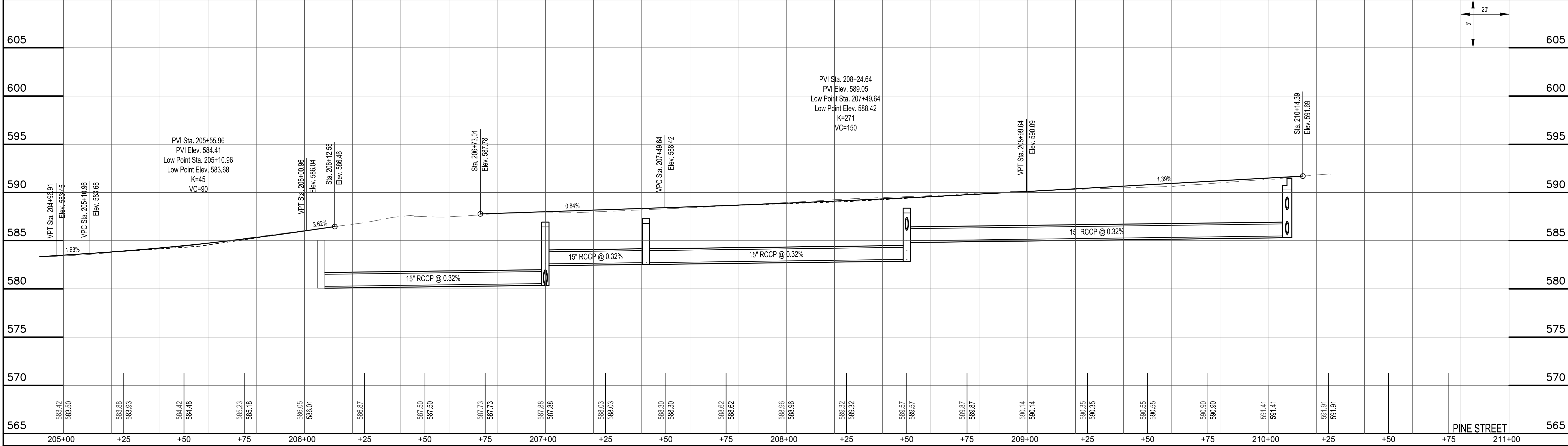
LEGEND

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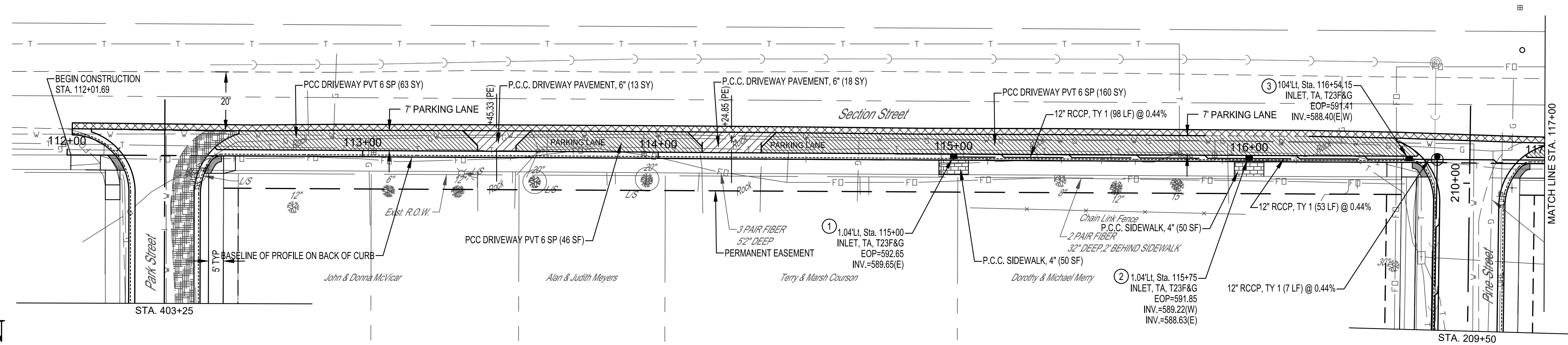
NOTE 1: (2) CRIMSON KING MAPLE TREES TO BE PLANTED TO REPLACE THE TREES BEING REMOVED. TREES TO BE PLANTED HALF THE DISTANCE FROM THE BACK OF SIDEWALK TO THE HOUSE.

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PINE STREET



SCALES:
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 1" = 5' VER

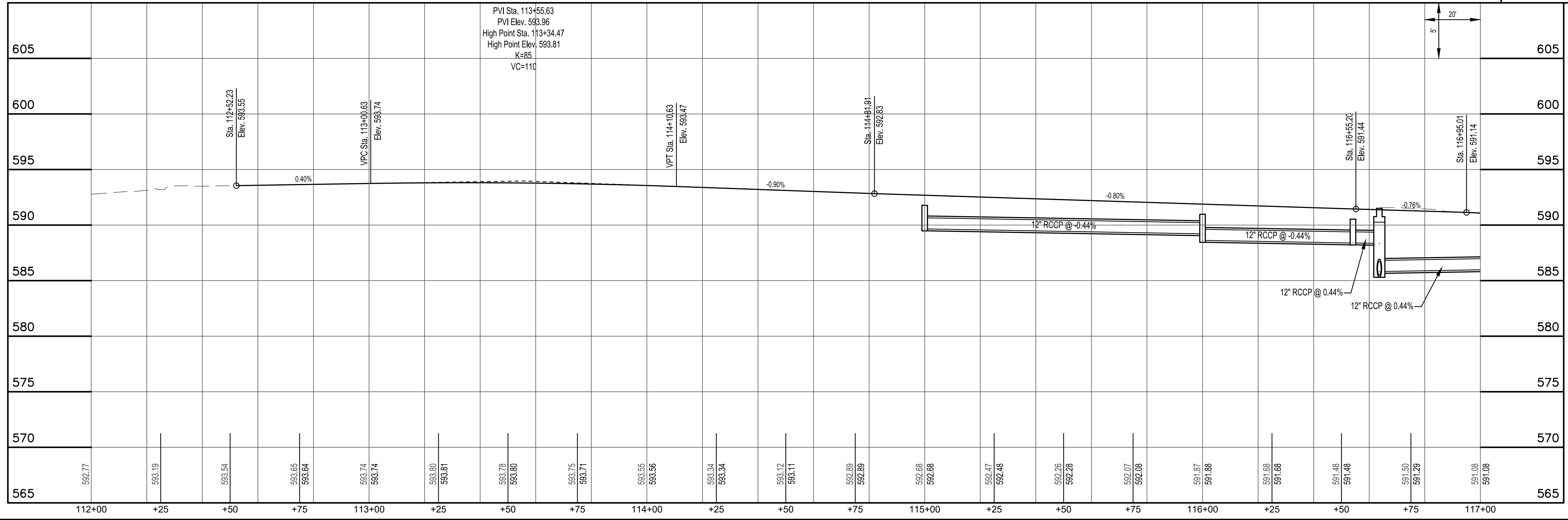
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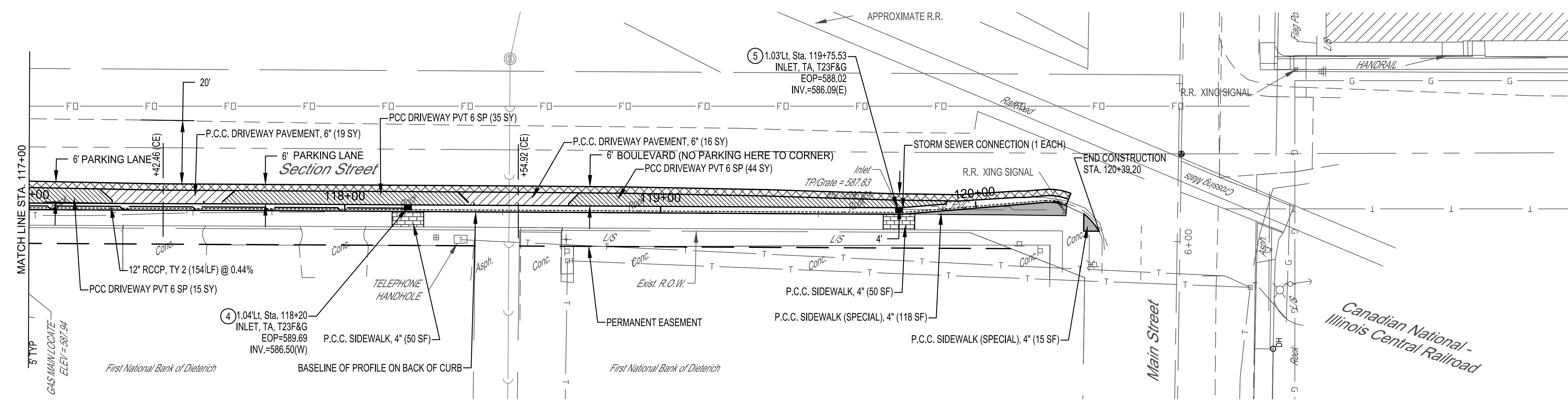
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[Pattern]	DETECTABLE WARNING
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[Pattern]	INCIDENTAL HOT-MIX ASPHALT, 3"
[Pattern]	P.C.C. BASE COURSE WIDENING 6"

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SECTION STREET



SCALES:
1" = 20' HOR
1" = 5' VER

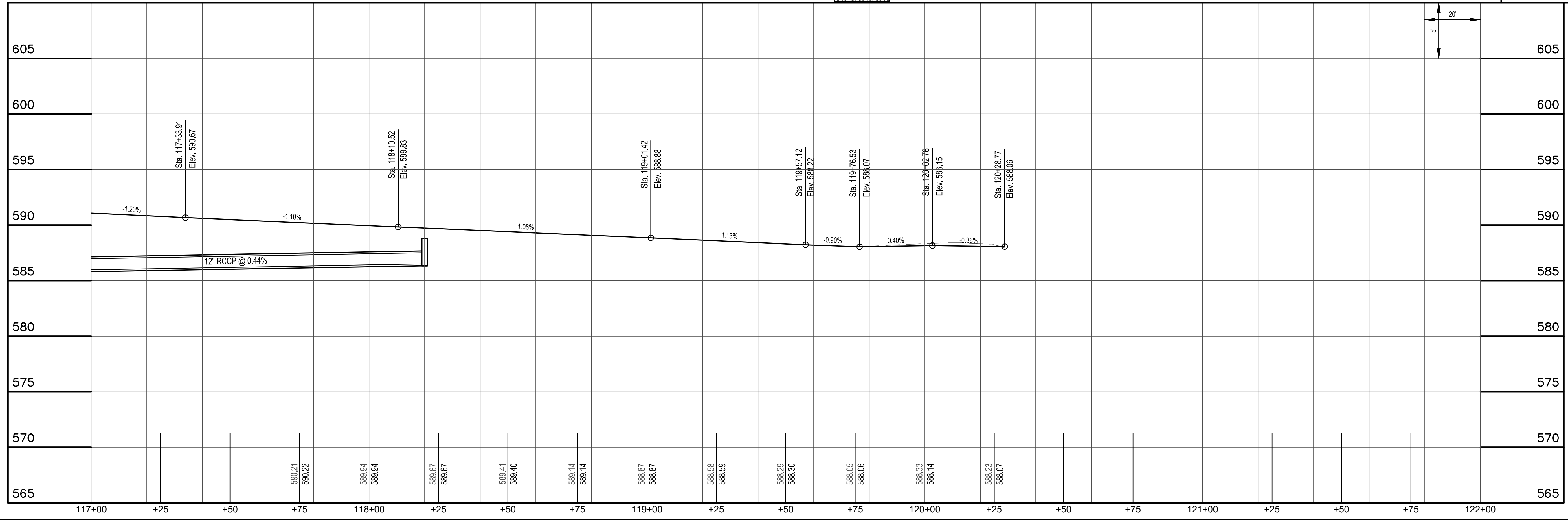
UTILITY LOCATION AND DEPTH INFORMATION SHOWN FOR REFERENCE ONLY - CONTRACTOR TO FIELD VERIFY ACTUAL LOCATION

LEGEND

	P.C.C. SIDEWALK (SPECIAL), 4"
	P.C.C. SIDEWALK, 4"
	P.C.C. DRIVEWAY PAVEMENT 6 INCH
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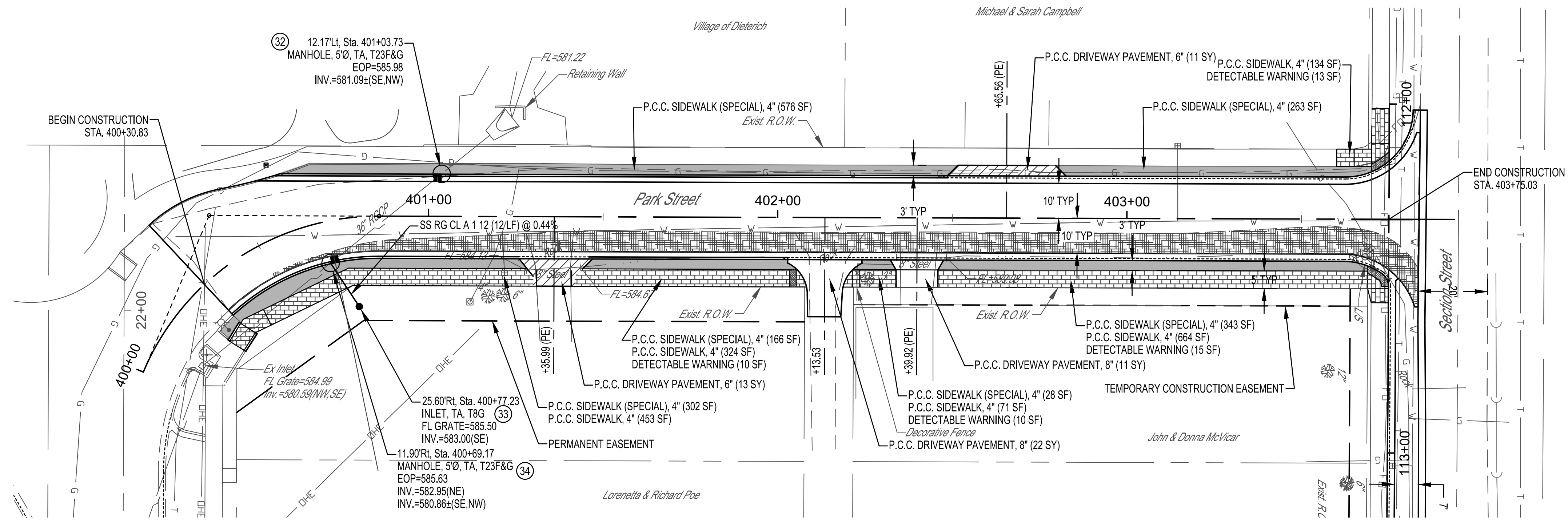
SECTION STREET

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	21
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872

CURVE #1

PI STA=40+48.67
 I=67°28'10" R
 Da=78°33'50"
 T=48.67'
 R=72.93'
 L=85.84'
 C=80.97'
 E=14.75'
 M=12.27'
 PC STA=400+00.00
 PT STA=400+85.84
 e=6.4%



LEGEND

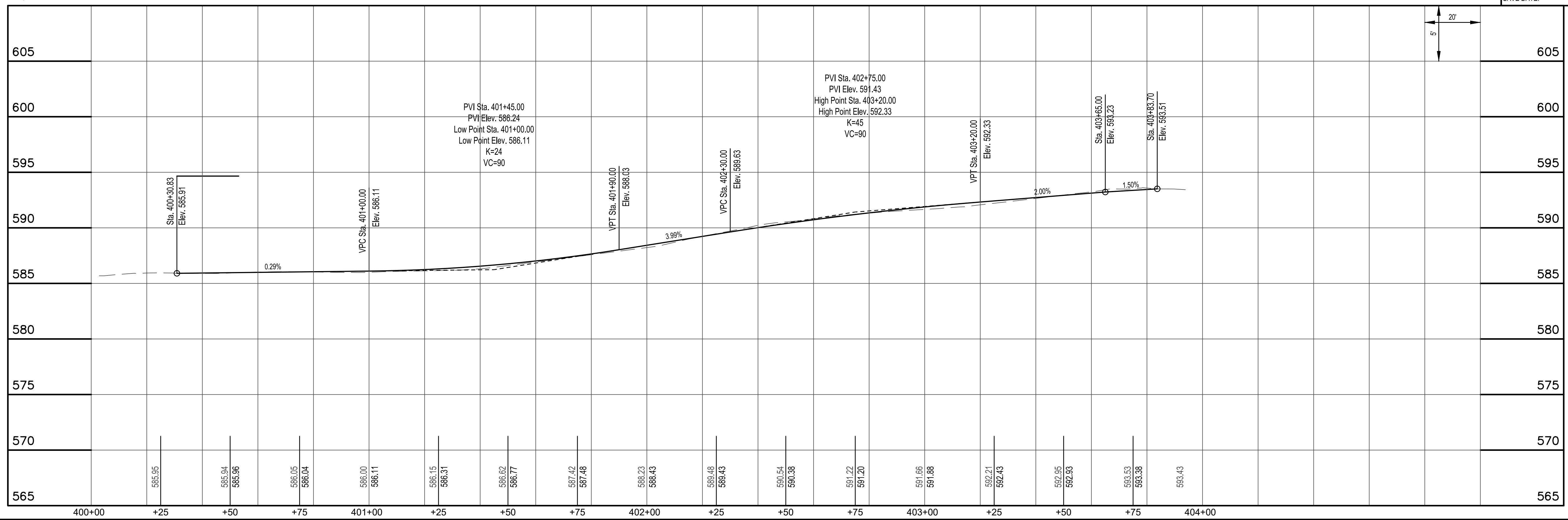
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	P.C.C. SIDEWALK, 4"
	P.C.C. DRIVEWAY PAVEMENT 6 INCH
	DETECTABLE WARNING
	P.C.C. SIDEWALK (SPECIAL), 6"
	P.C.C. BASE COURSE WIDENING 6"

UTILITY LOCATION AND DEPTH INFORMATION SHOWN FOR REFERENCE ONLY - CONTRACTOR TO FIELD VERIFY ACTUAL LOCATION

SCALES:
 1" = 20' HOR
 1" = 5' VER

MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgenjineers@mgenjineers.com
 Web: www.mgenjineers.com
 Design Firm #184-003108

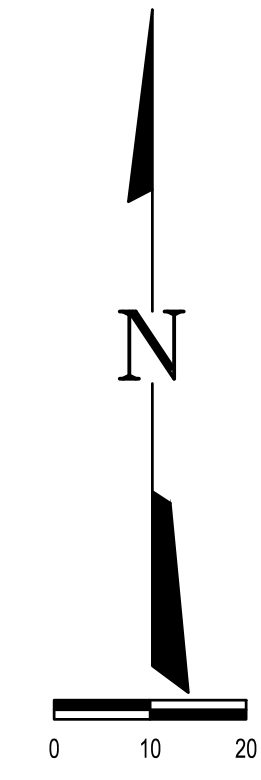
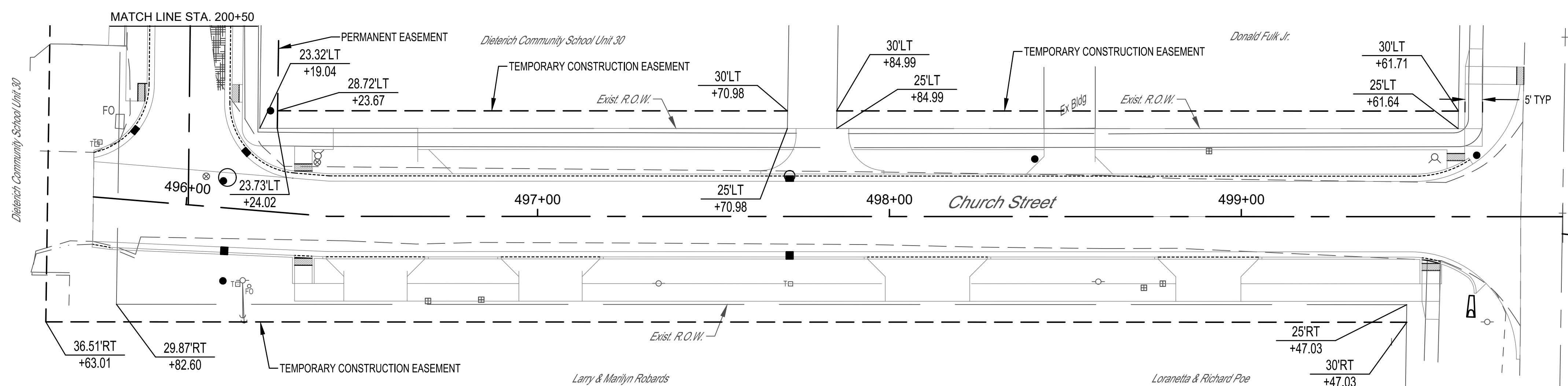
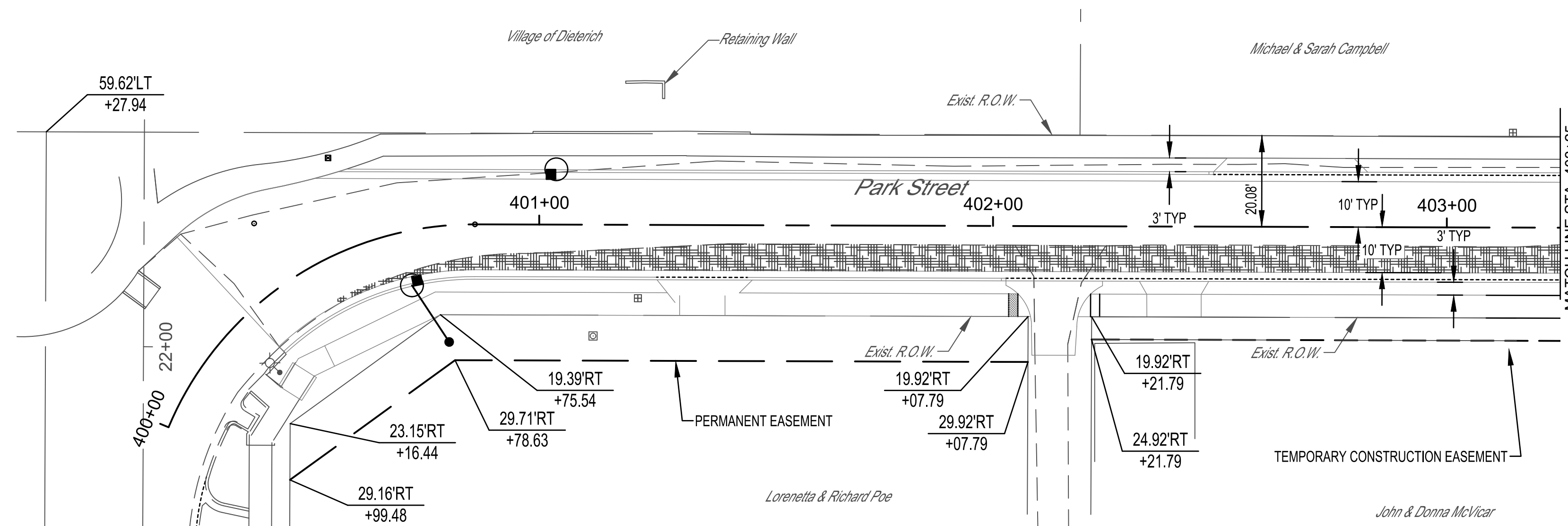
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PARK STREET

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT #95872



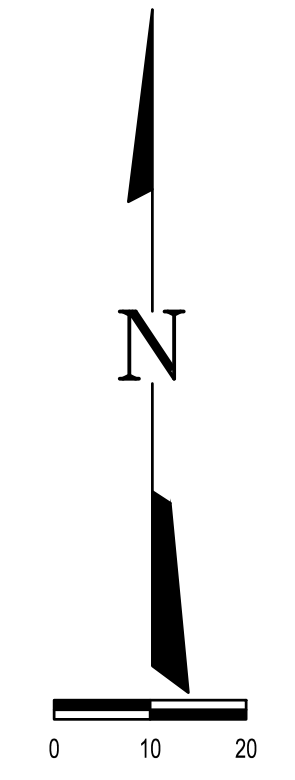
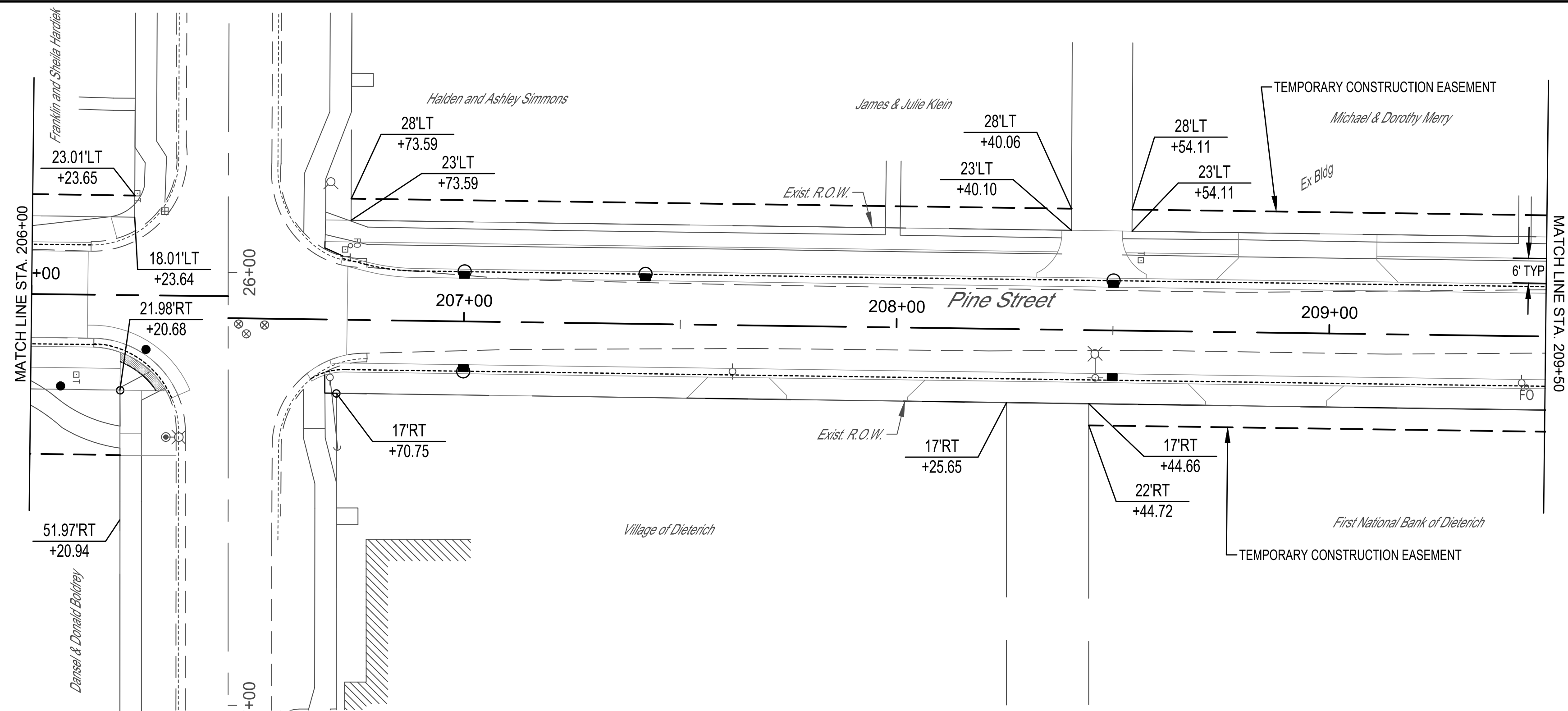
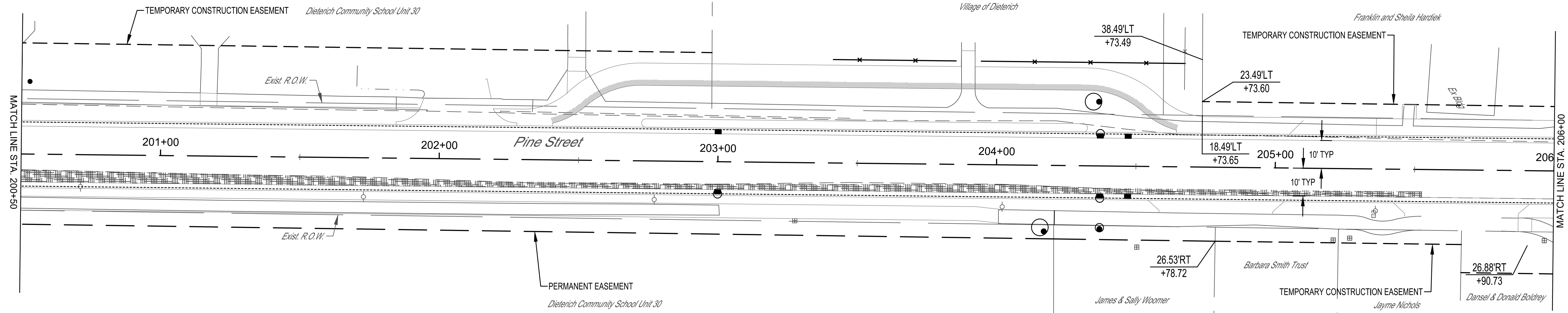
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgen@engr.com | mgen@engr.com
 Web: www.mgen.com
 Design Firm #184-003108

PARK STREET & CHURCH STREET
 RIGHT-OF-WAY AND EASEMENT PLAN
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

File name: S:1616348\dwg\ROW.dwg
 Plot date: 12/24/19 at 15:00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	23
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

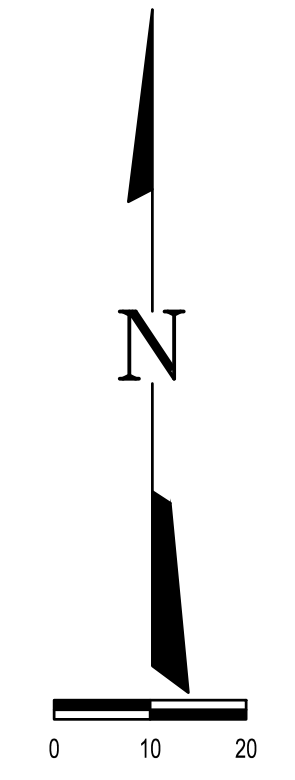
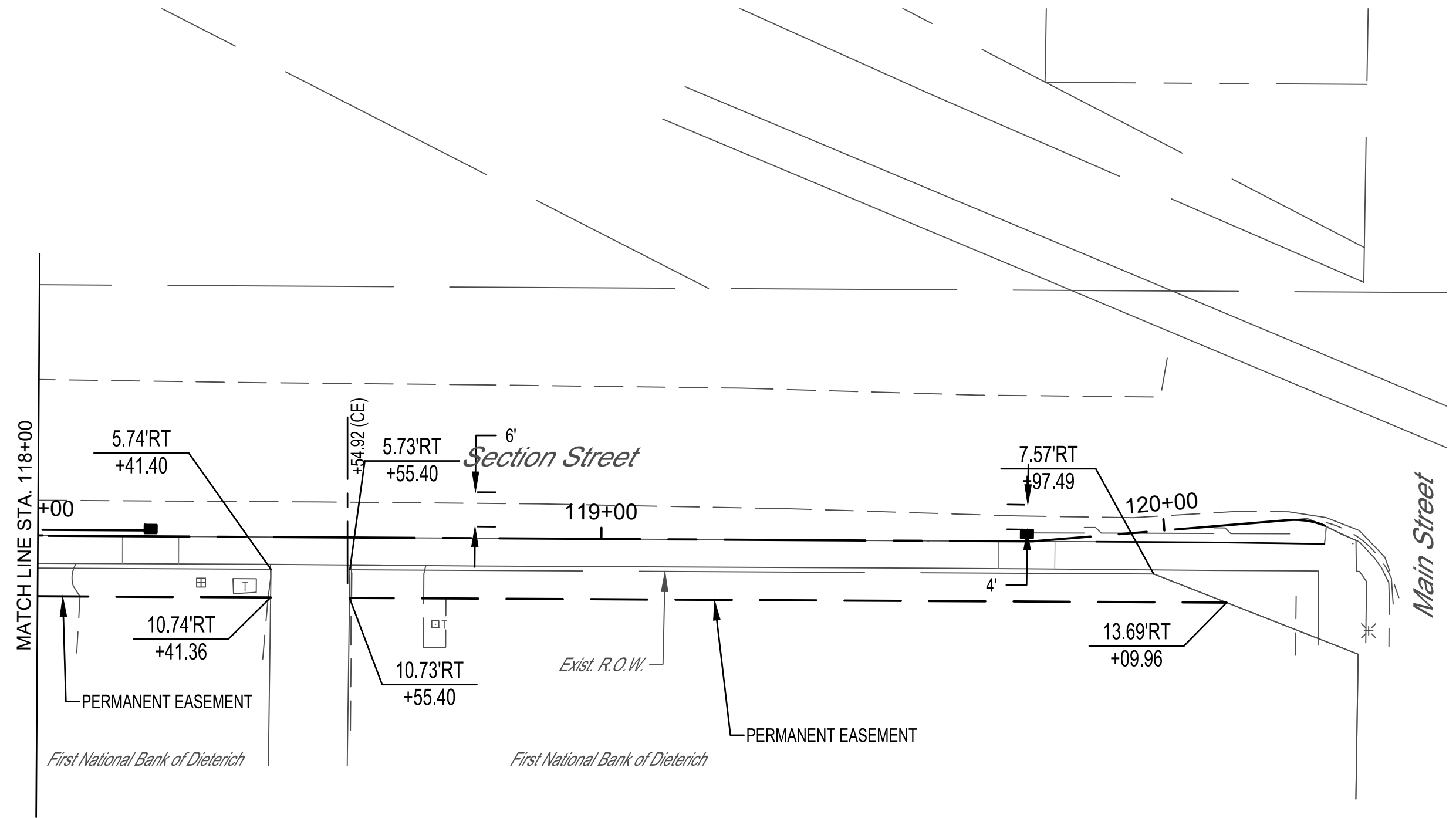
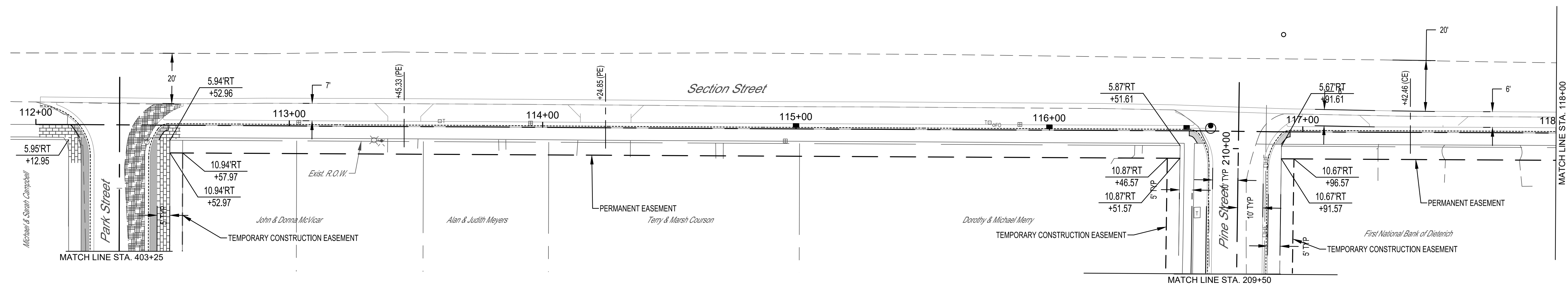
CONTRACT #95872



	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgenengineers@mgenengineers.com Web: www.mgenengineers.com Design Firm #184-003108	PINE STREET RIGHT-OF-WAY AND EASEMENT PLAN SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	24
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

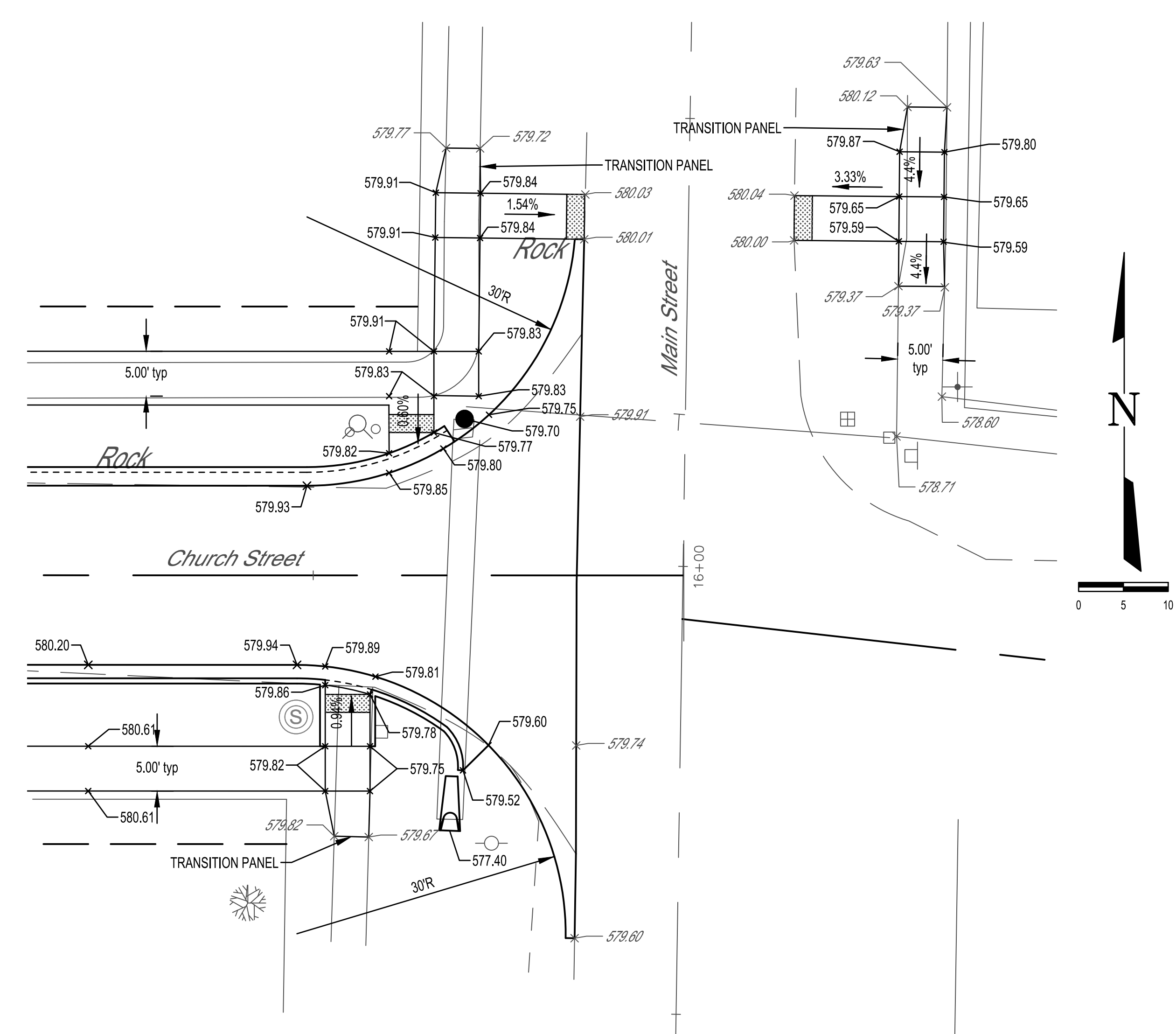
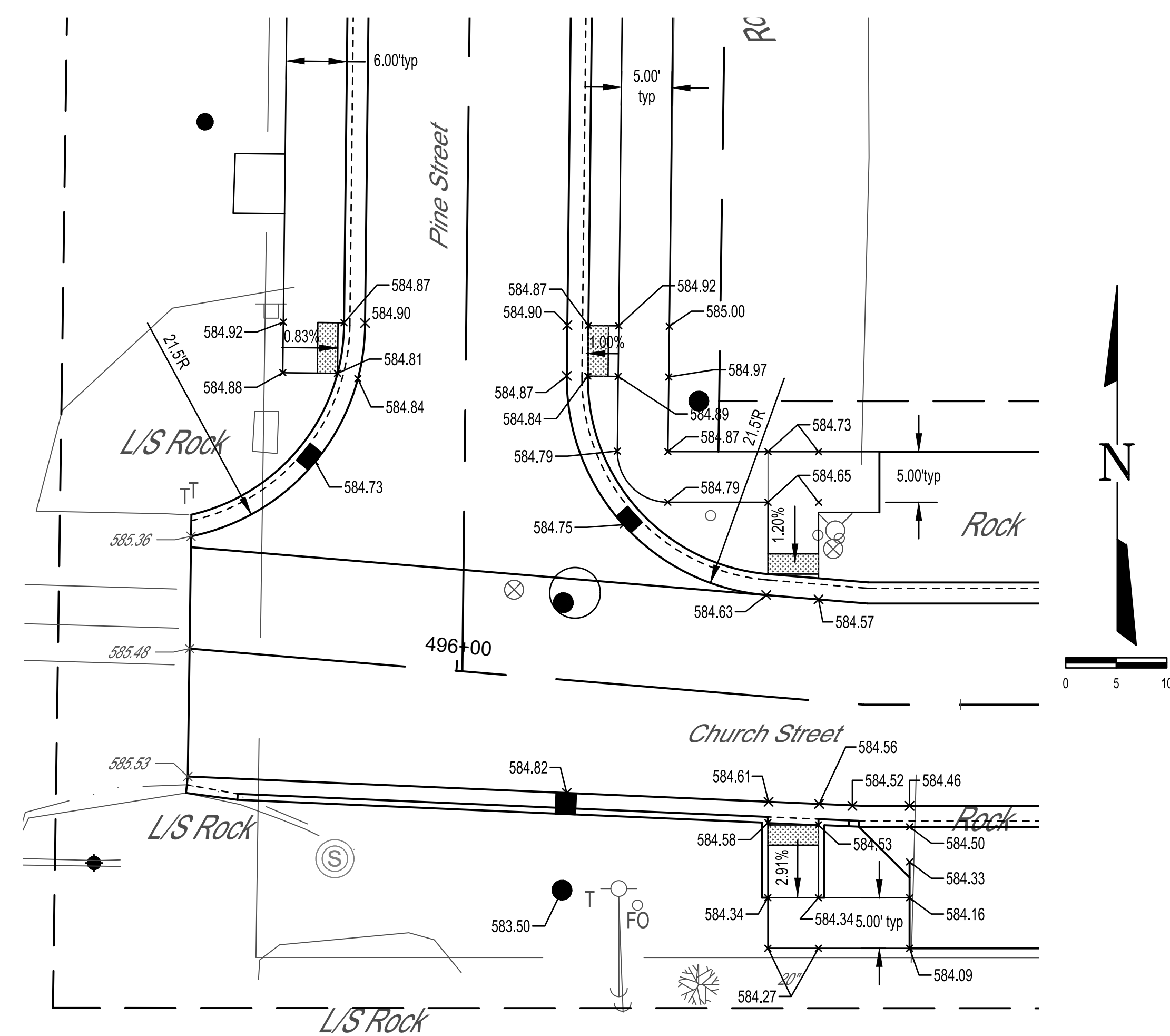
CONTRACT #95872



	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@engr.com Web: www.mgen.com Design Firm #184-003108	SECTION STREET RIGHT-OF-WAY AND EASEMENT PLAN SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	25
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

CONTRACT #95872



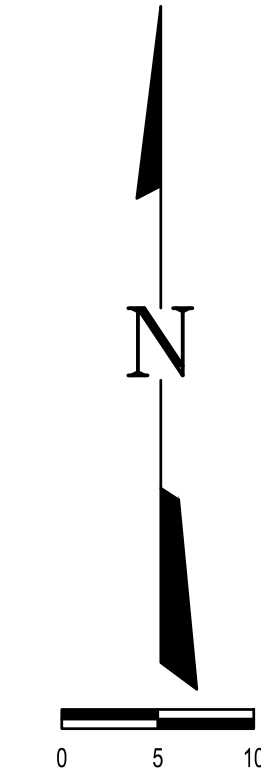
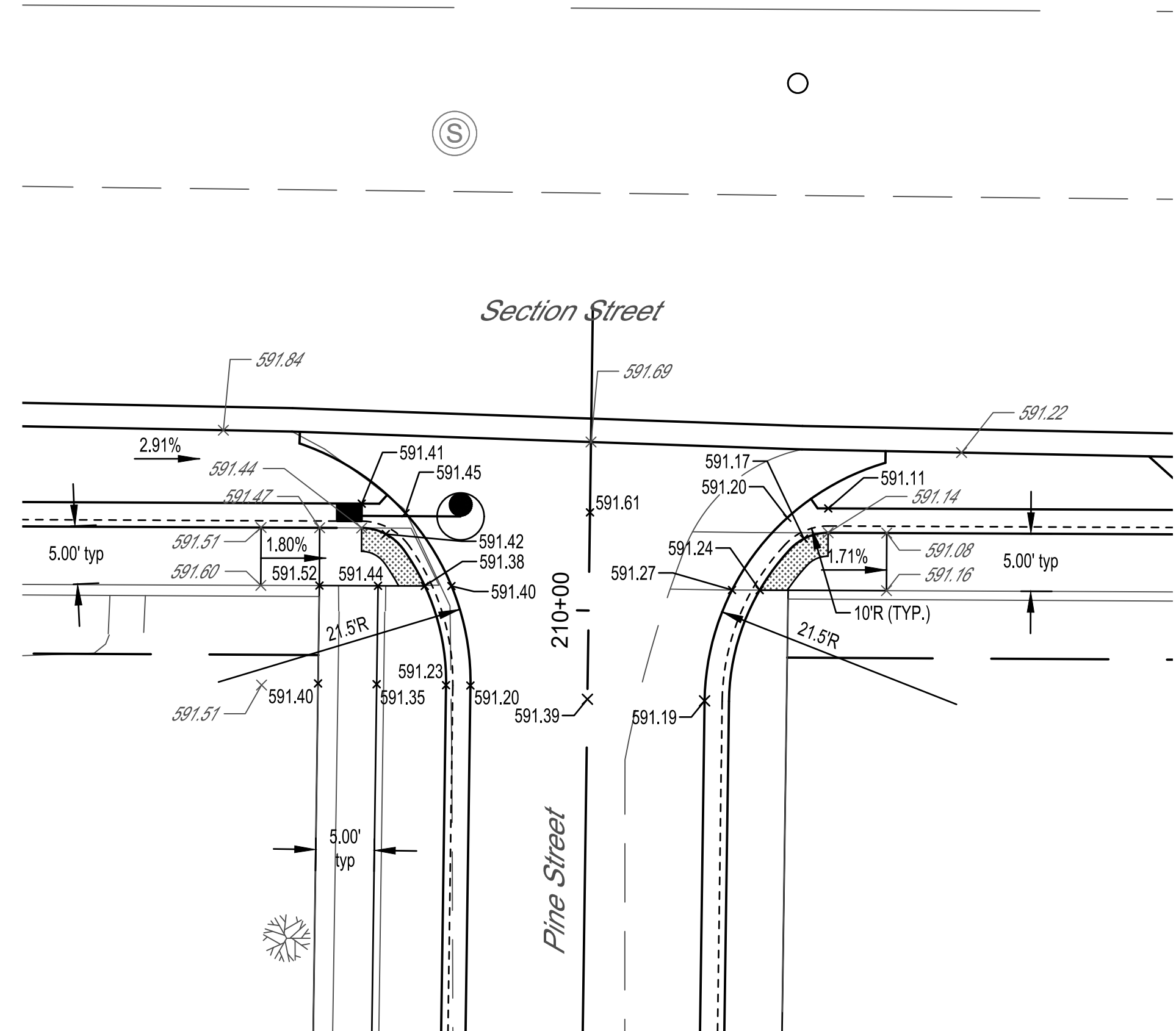
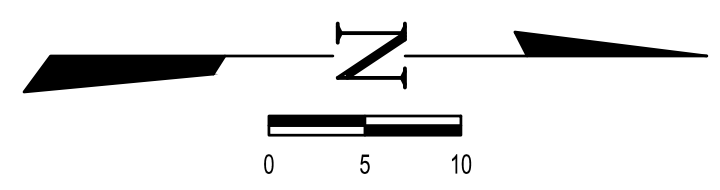
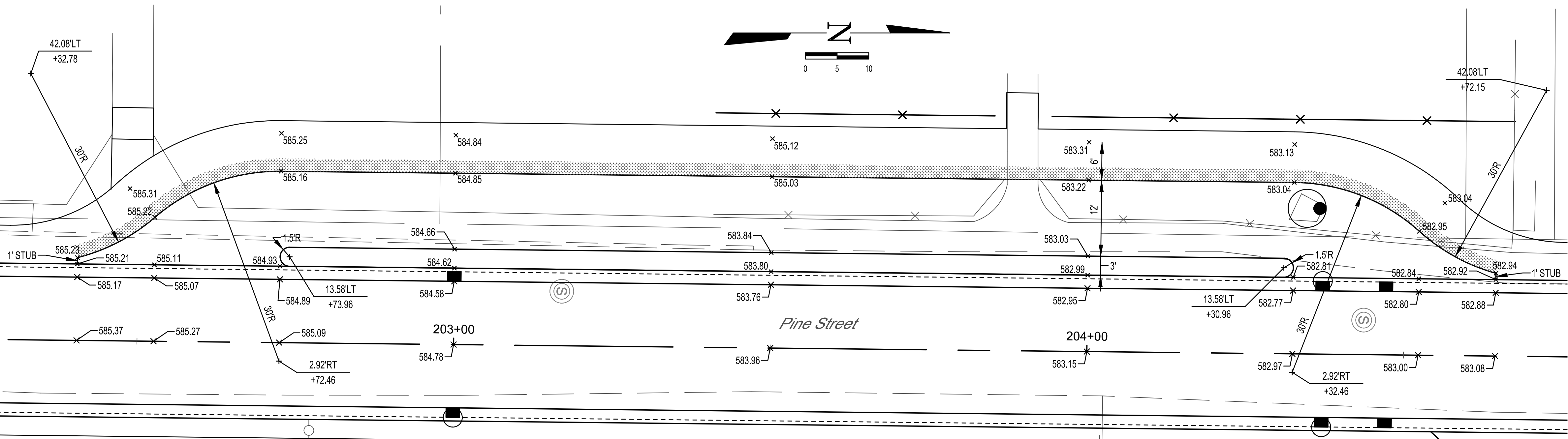
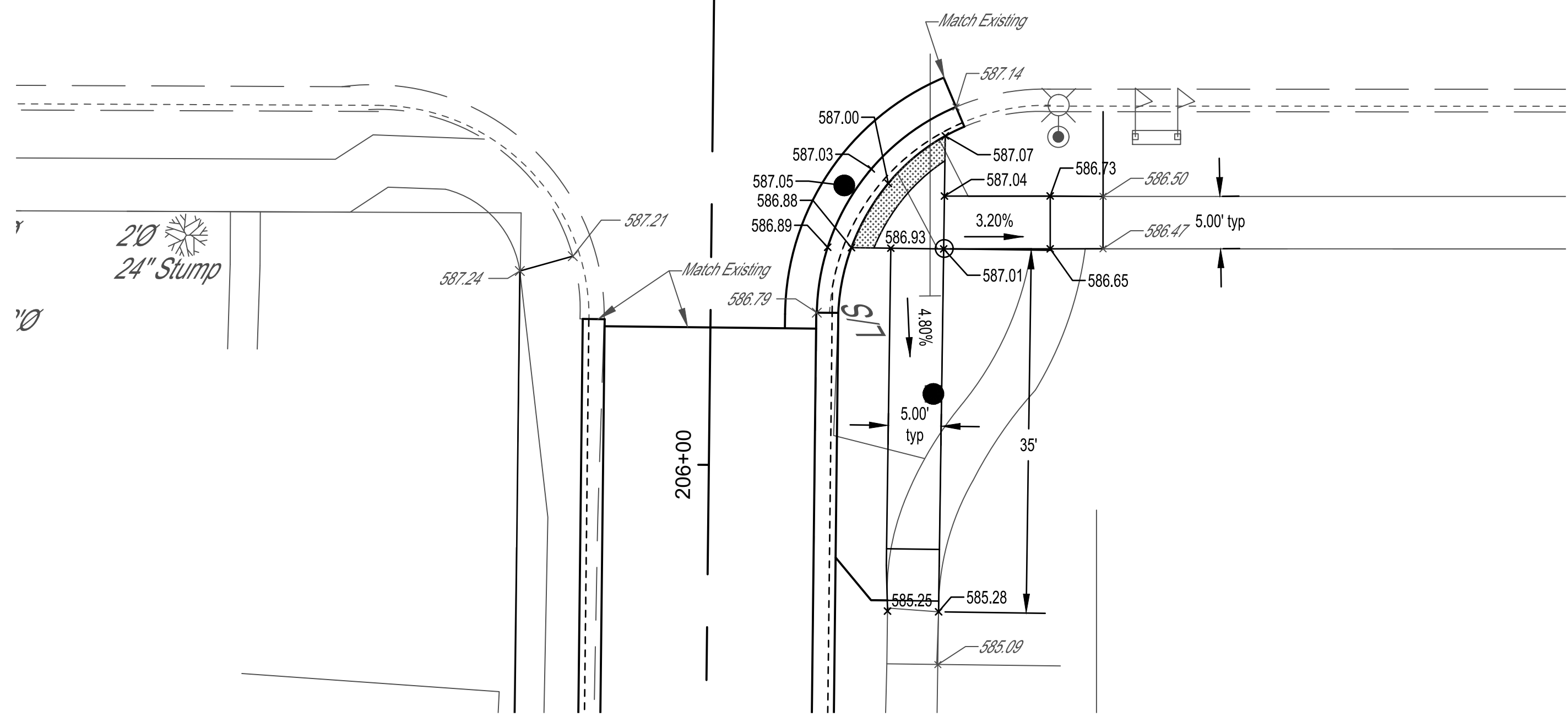
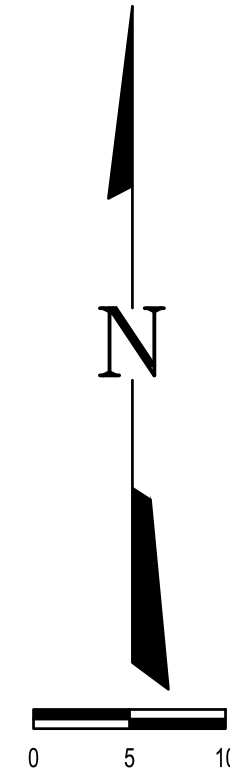
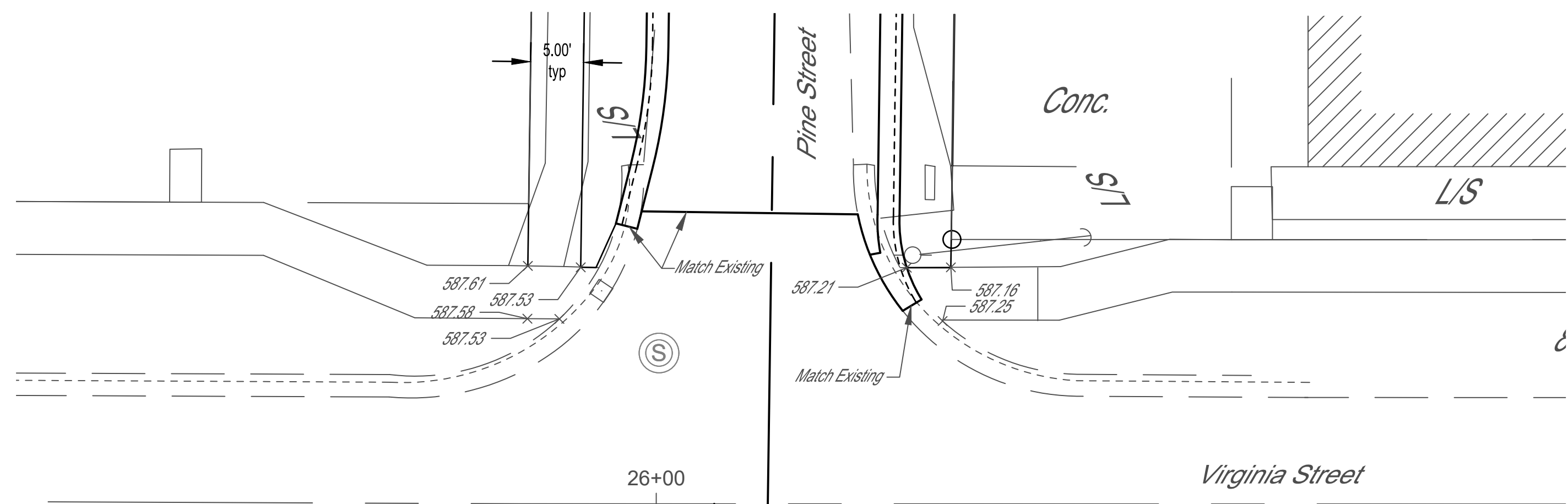
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgenengineers@mgenengineers.com
 Web: www.mgenengineers.com
 Design Firm #164-003108

CHURCH STREET INTERSECTIONS
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	26
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

CONTRACT #95872



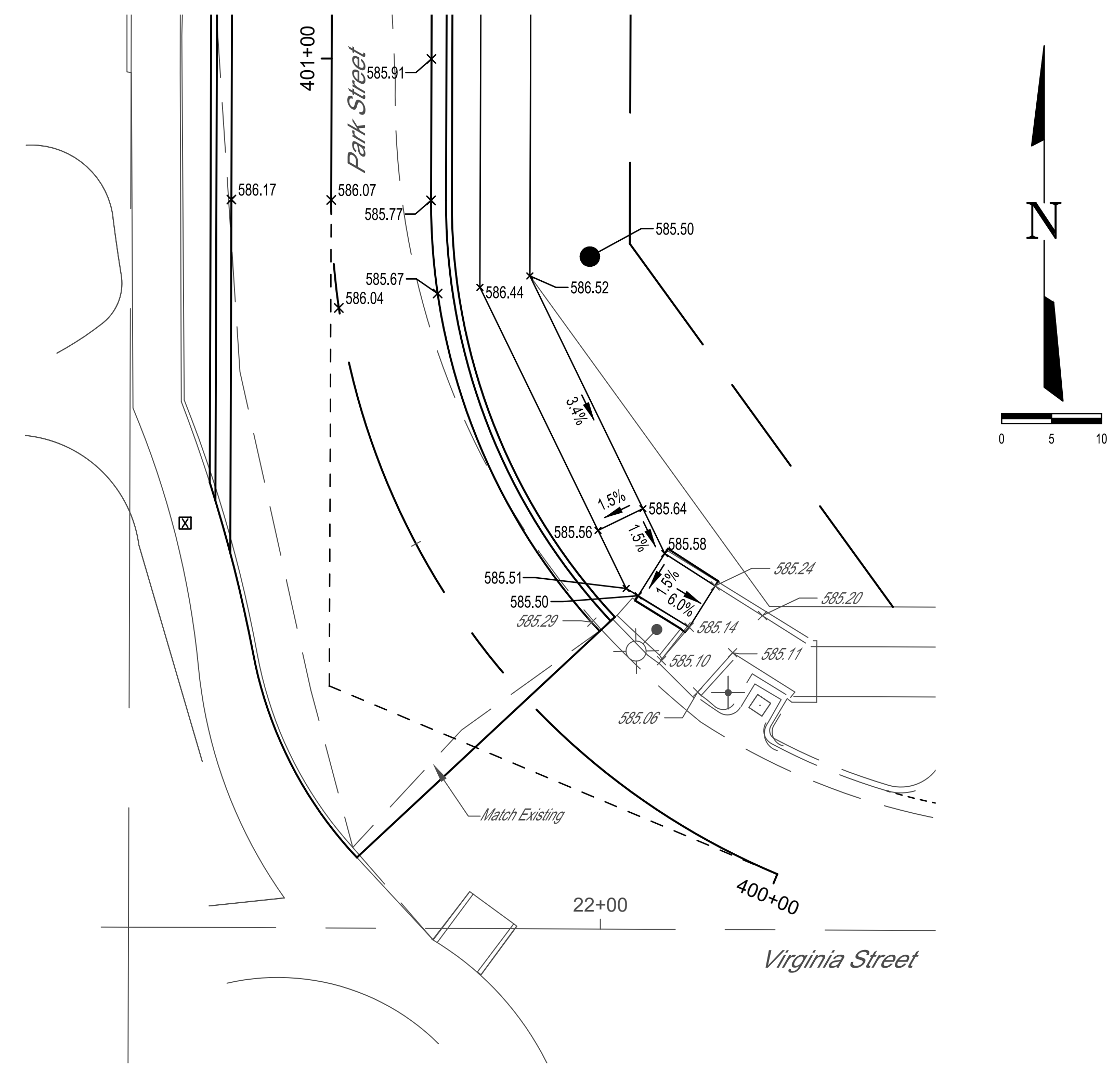
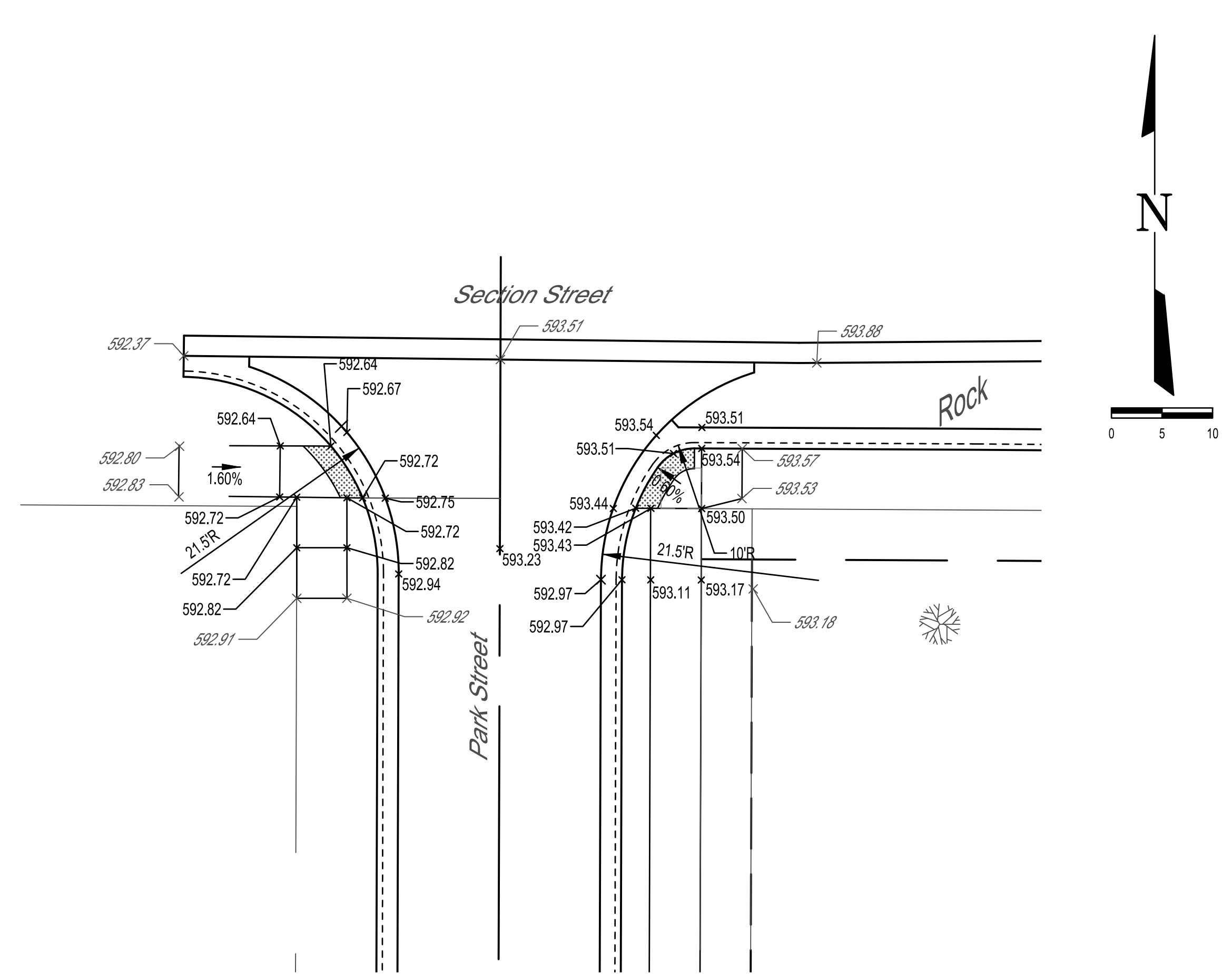
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 887
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgeni@mgengineers.com
 Web: www.mgengineers.com
 Design Firm #184-003108

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**PINE STREET INTERSECTIONS
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETRICH
 EFFINGHAM COUNTY, ILLINOIS**

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	27
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



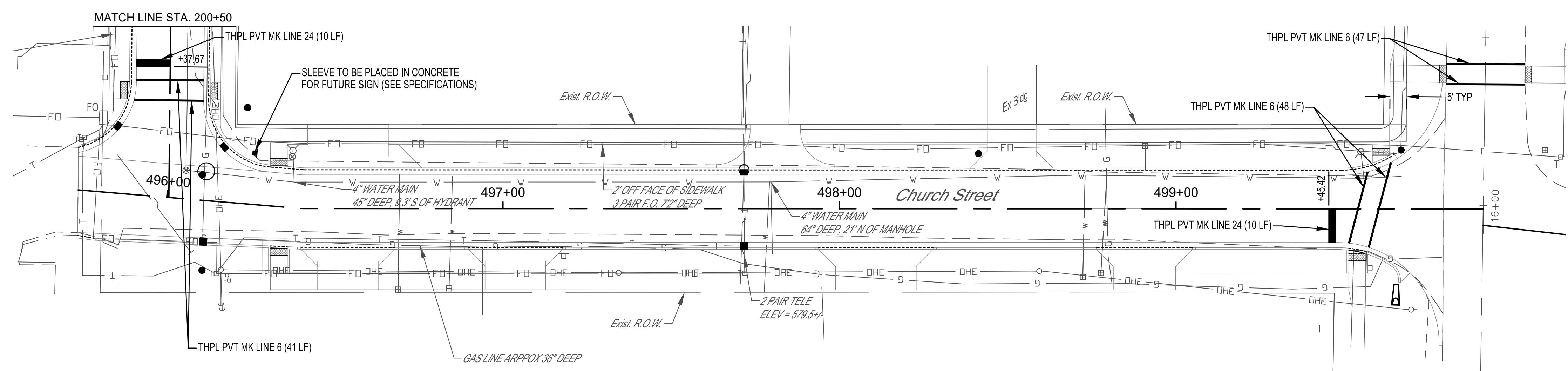
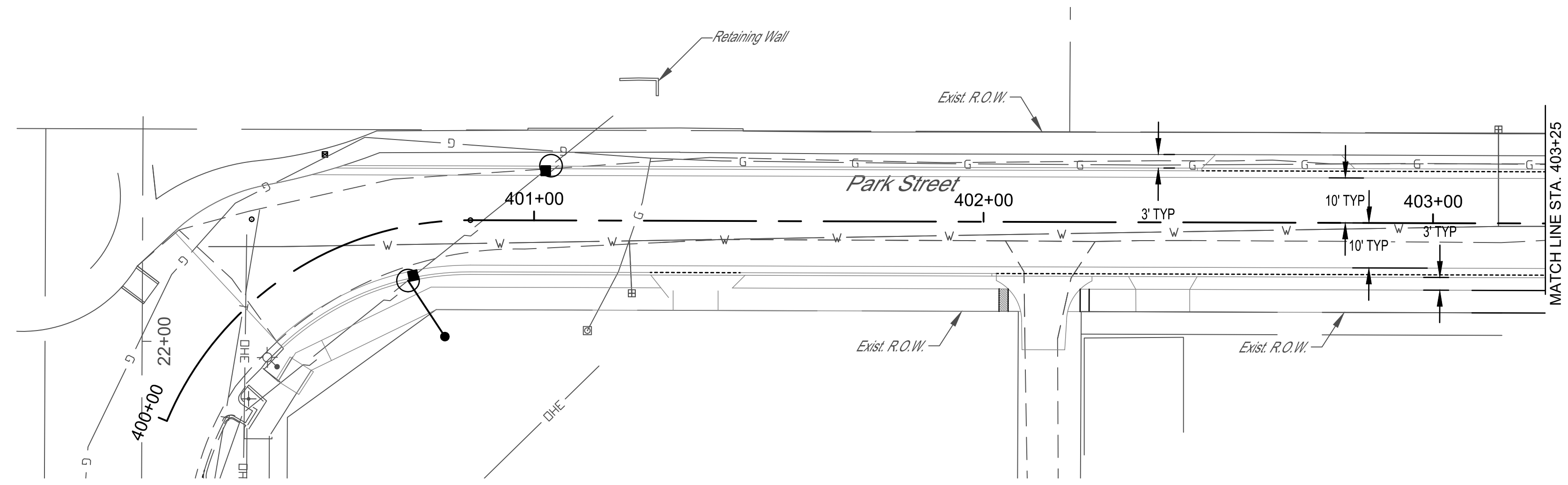
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgeniengineers@mgeniengineers.com
 Web: www.mgeniengineers.com
 Design Firm #164-003108

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 SAVE DATE: 2/20/2020 15:12

PARK STREET INTERSECTIONS
 DOWNTOWN ENHANCEMENT
 ITEP PHASE 5
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	28
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT #95872



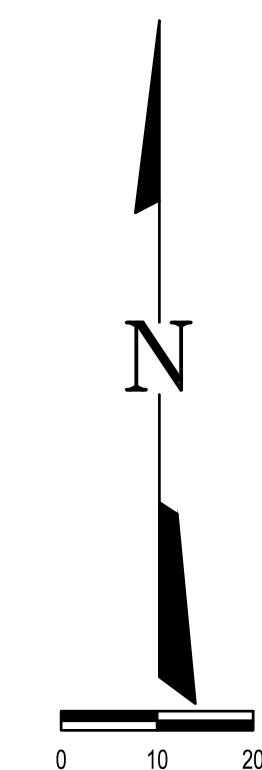
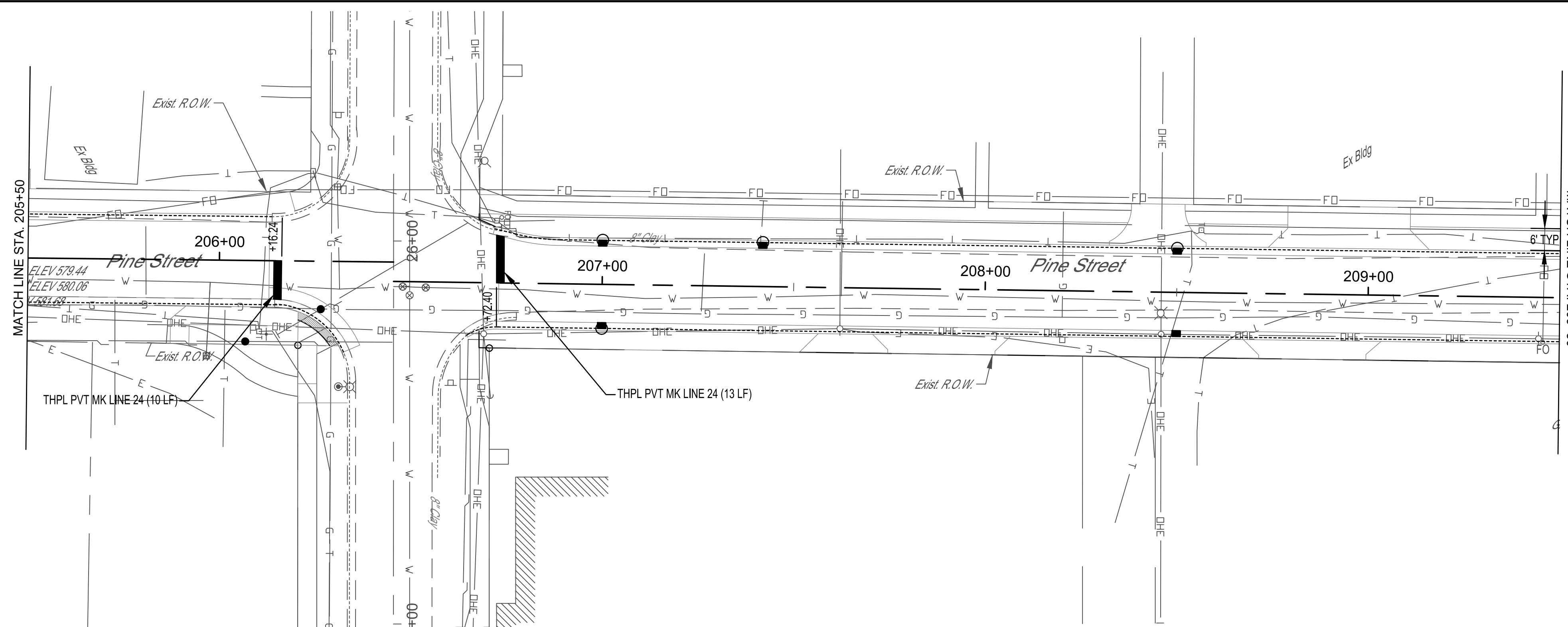
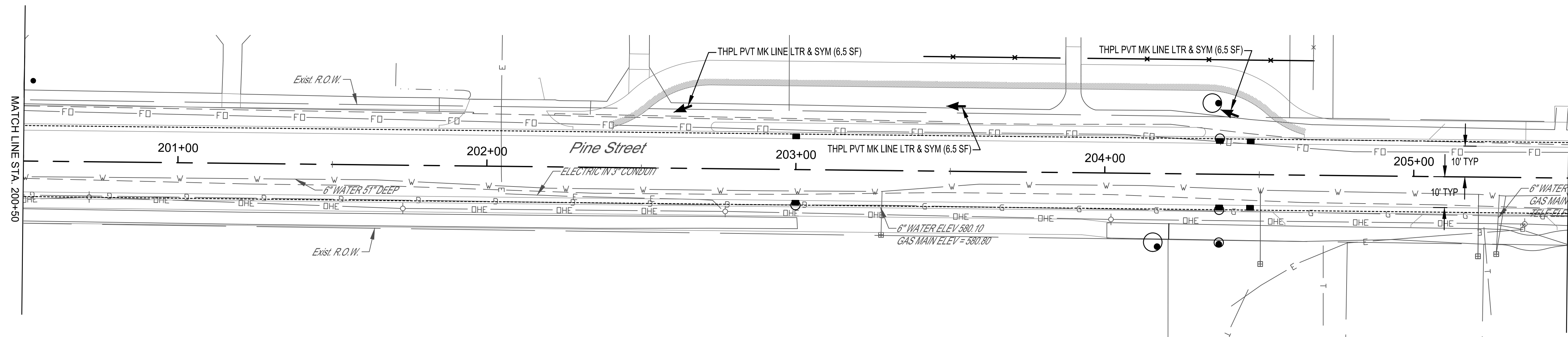
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgen@engr.com
 Web: www.mgen.com
 Design Firm #184-003108

PARK STREET & CHURCH STREET
 PAVEMENT MARKING AND
 SIGNAGE PLAN
 SECTION 16-0009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

File name: S:1616348\dwg\PavMkrg.dwg
 Plot date: 12/18/17 at 15:00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	29
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



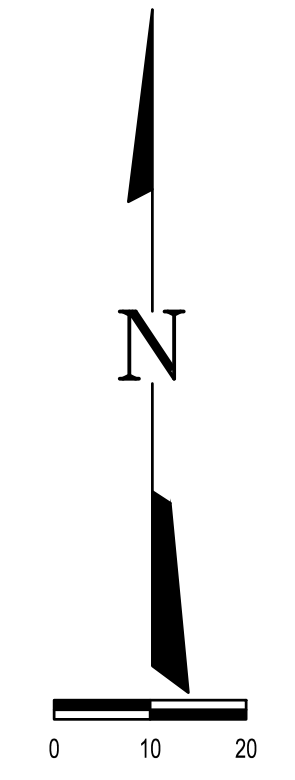
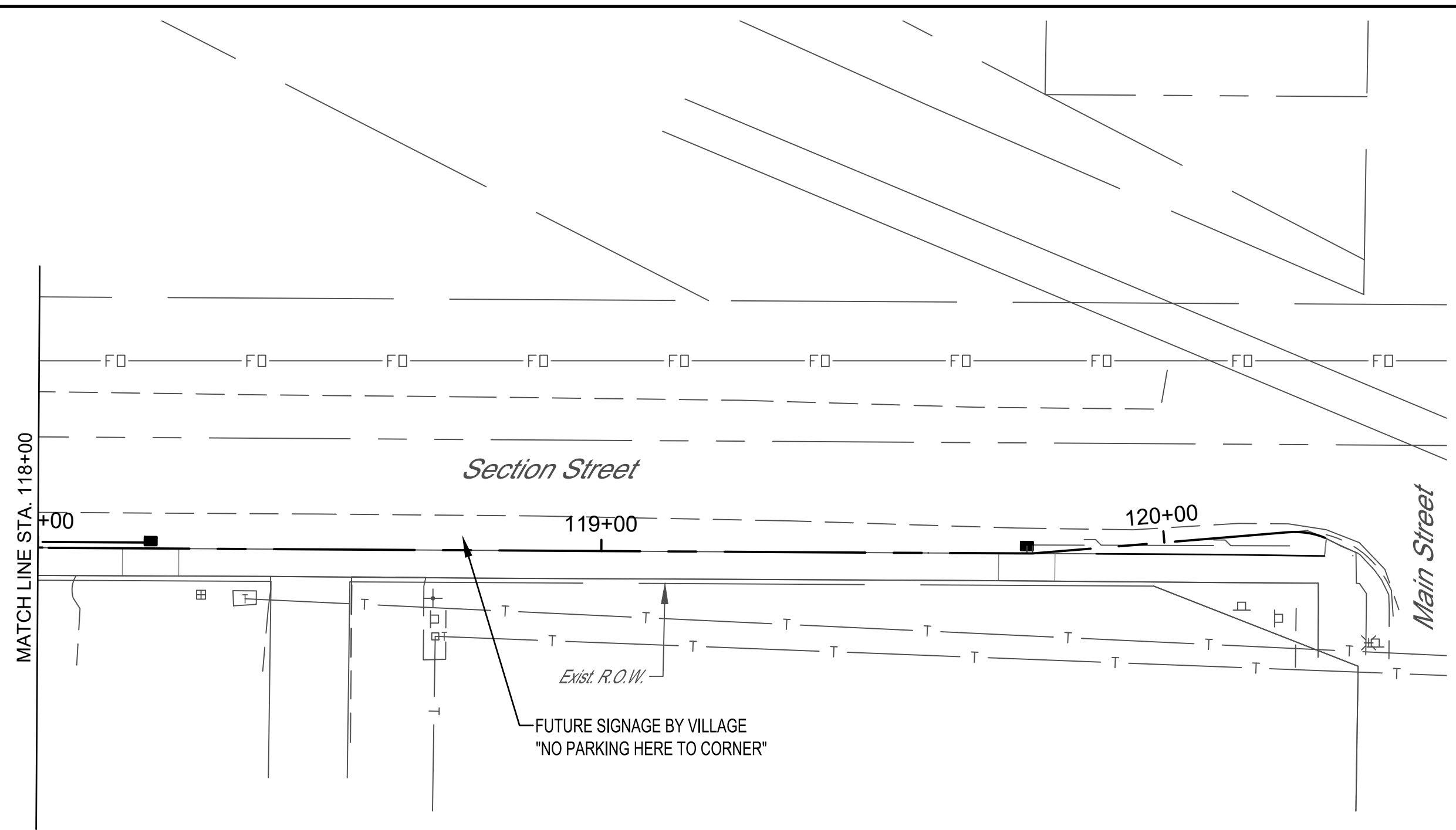
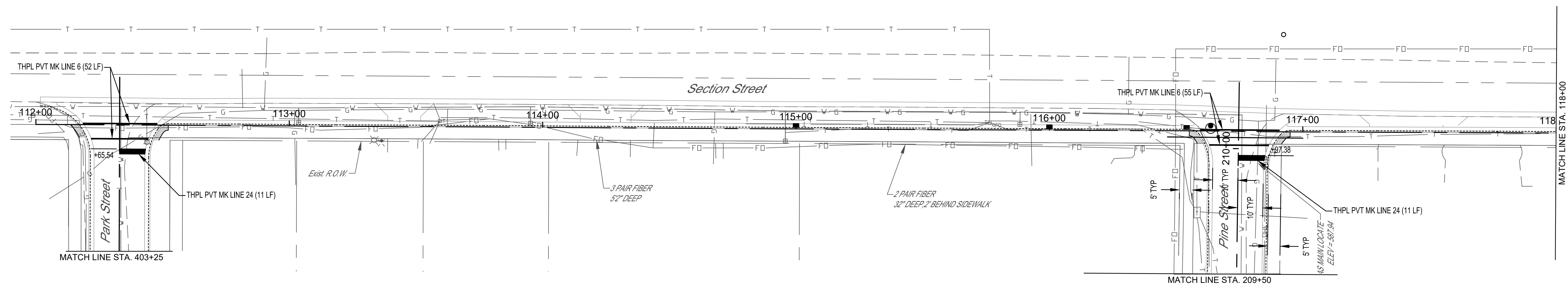
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgenineers@mgenineers.com
 Web: www.mgenineers.com
 Design Firm #184-003108


**PINE STREET
 PAVEMENT MARKING AND
 SIGNAGE PLAN
 SECTION 16-0009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS**

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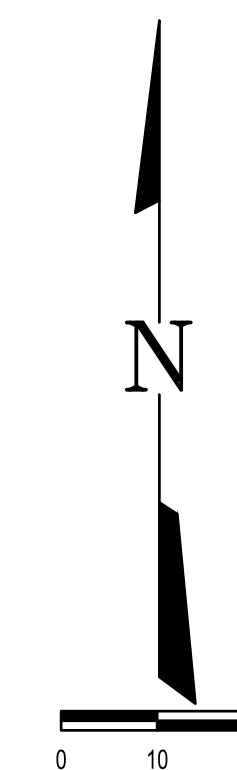
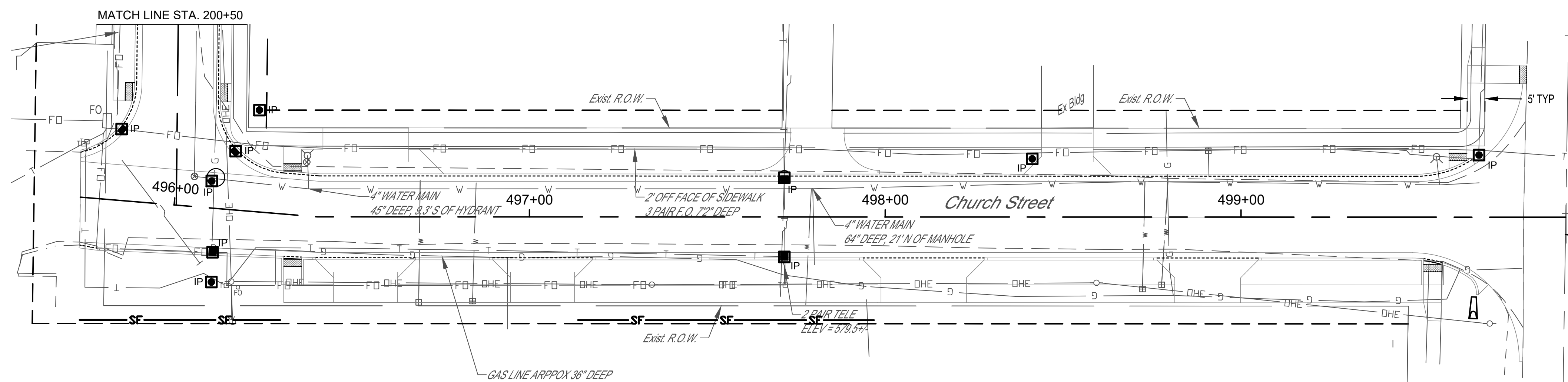
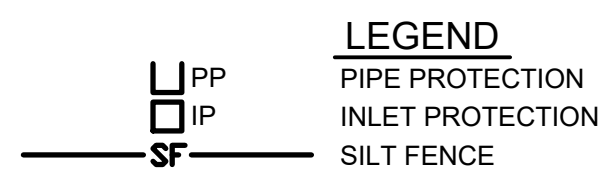
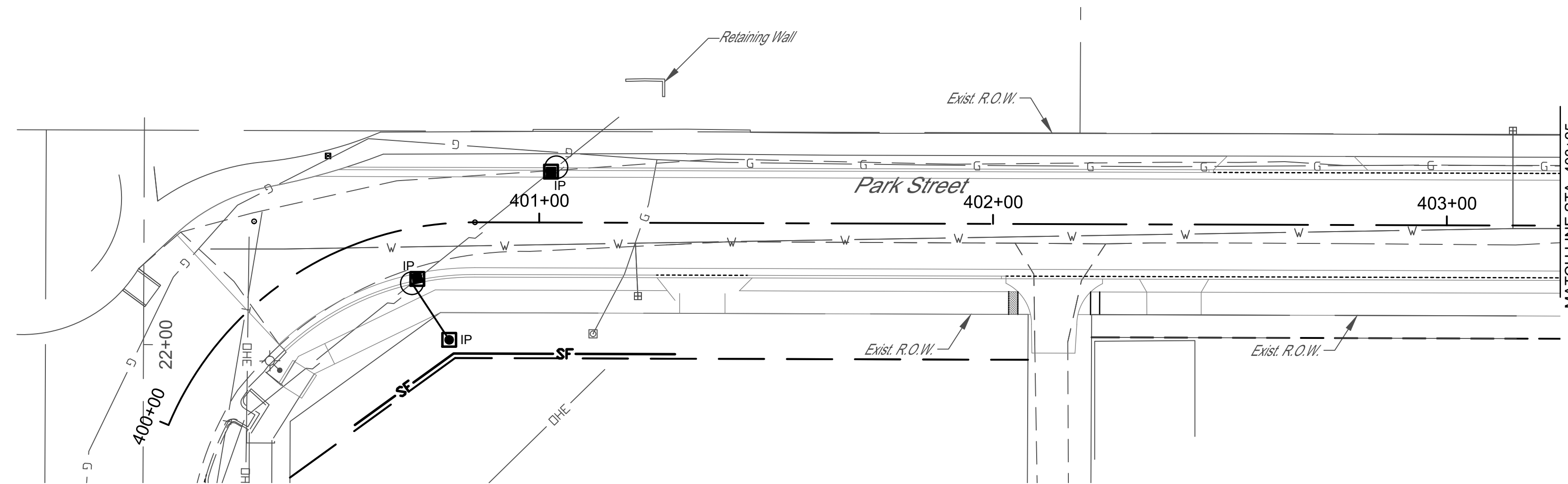
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S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT #95872



 <p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgenengineers@mgenengineers.com Web: www.mgenengineers.com Design Firm #184-003108</p>	<p>SECTION STREET PAVEMENT MARKING AND SIGNAGE PLAN SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS</p>
	<p>File name: S:1616348\dwg\PavMkrg.dwg Plot date: 12/18/17 at 15:00</p>

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	31
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT #95872	



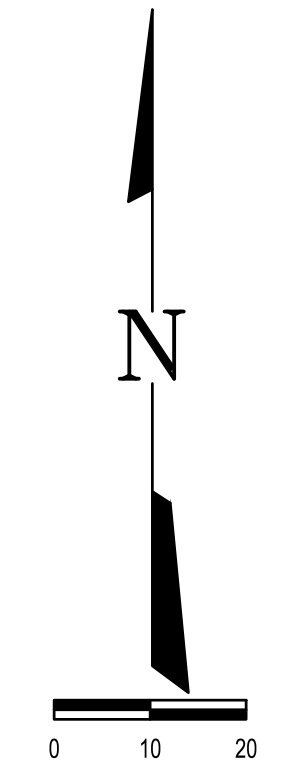
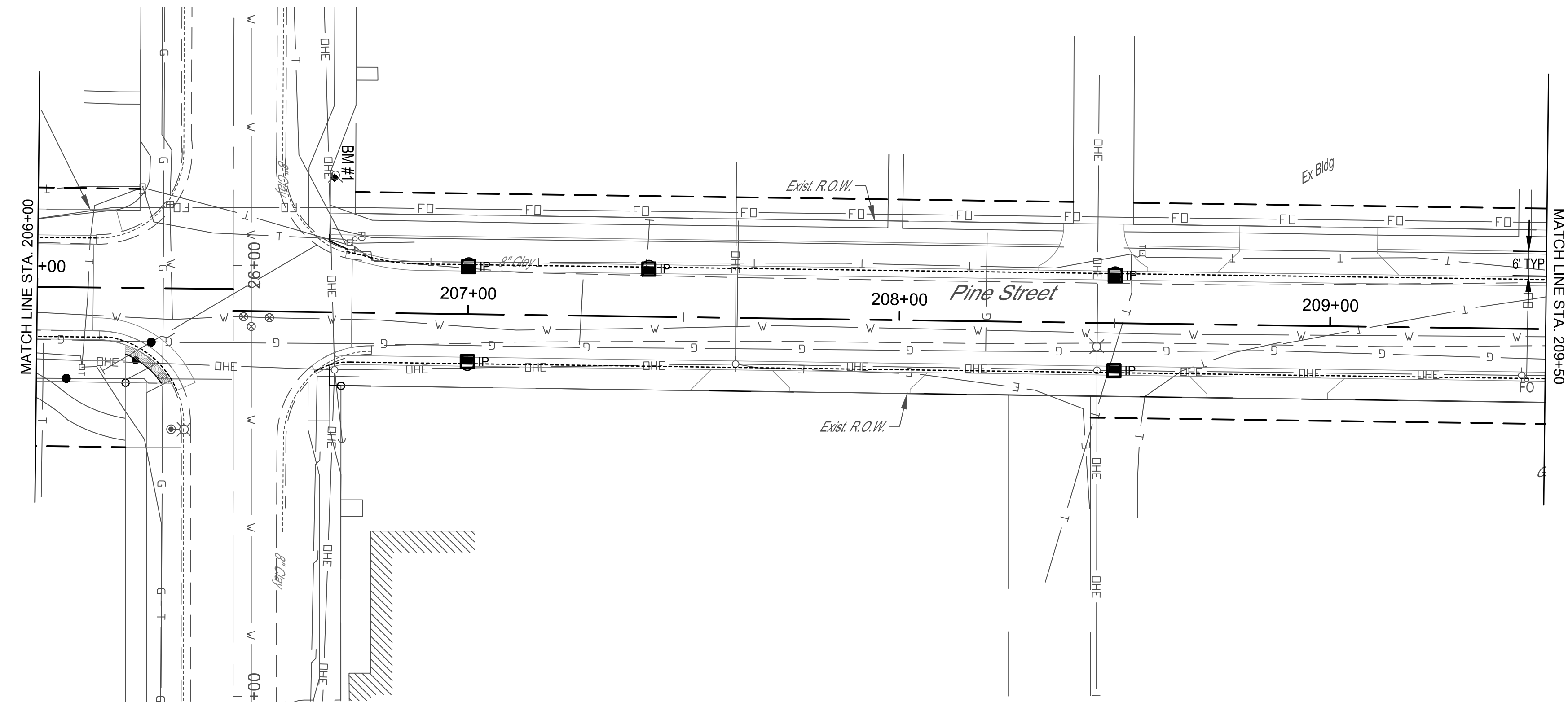
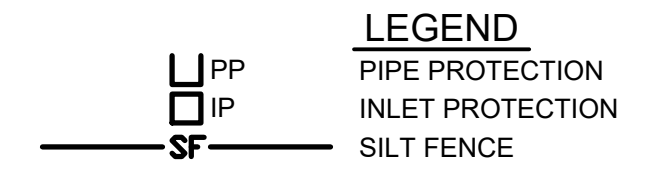
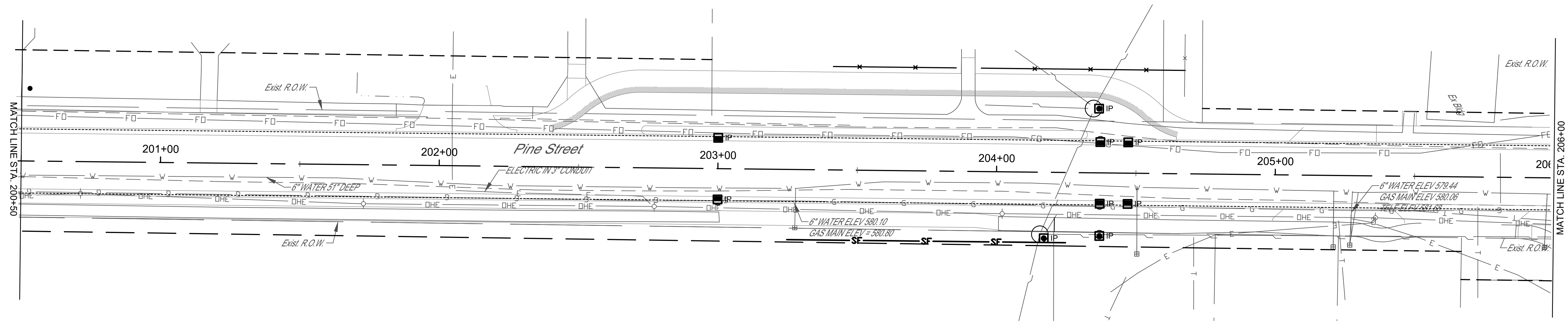
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgen@engr.com | mgen@engr.com
 Web: www.mgen.com
 Design Firm #184-003108

PARK STREET & CHURCH STREET
 EROSION CONTROL PLAN
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

File name: S:1616348(dwg)Erosion Control.dwg
 Plot date: 12/18/17 at 15:00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	32
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

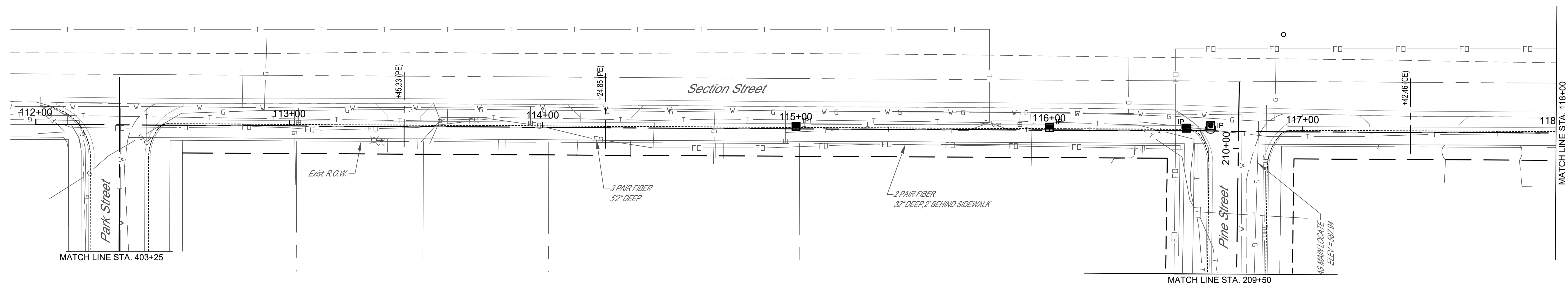
CONTRACT #95872



	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgenengineers@mgenengineers.com Web: www.mgenengineers.com Design Firm #184-003108	PINE STREET EROSION CONTROL PLAN SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS
	File name: S:1616348(dwg)Erosion Control.dwg Plot date: 12/18/17 at 15:00	

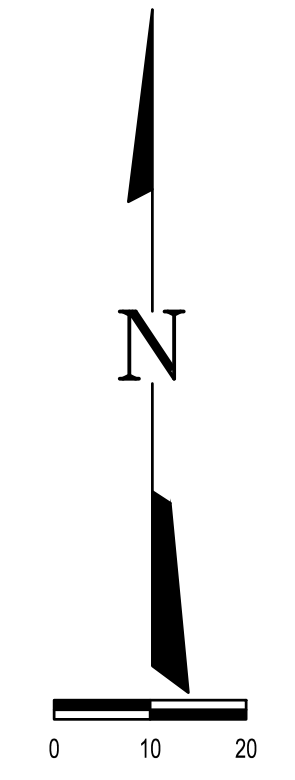
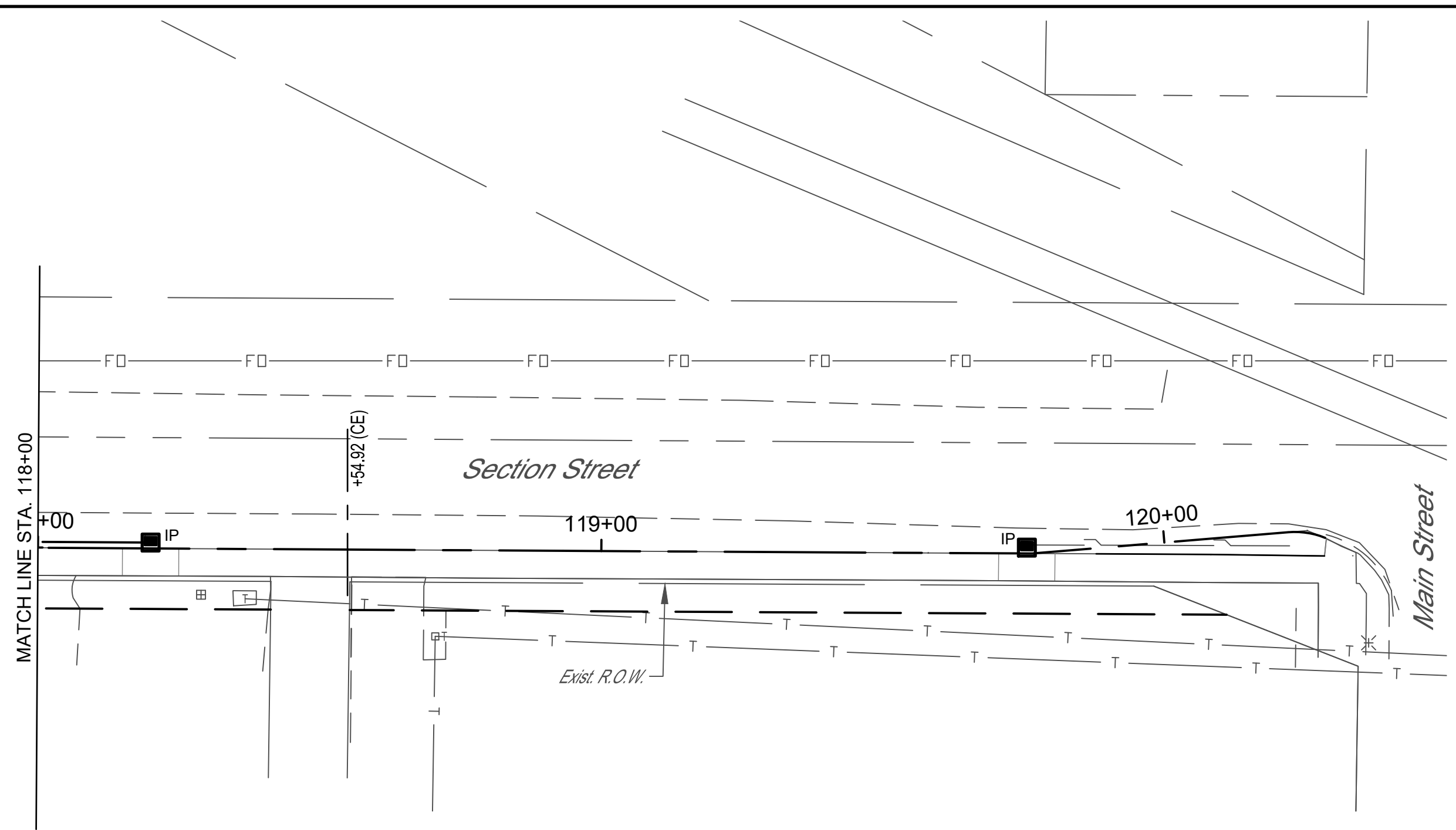
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	33
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872

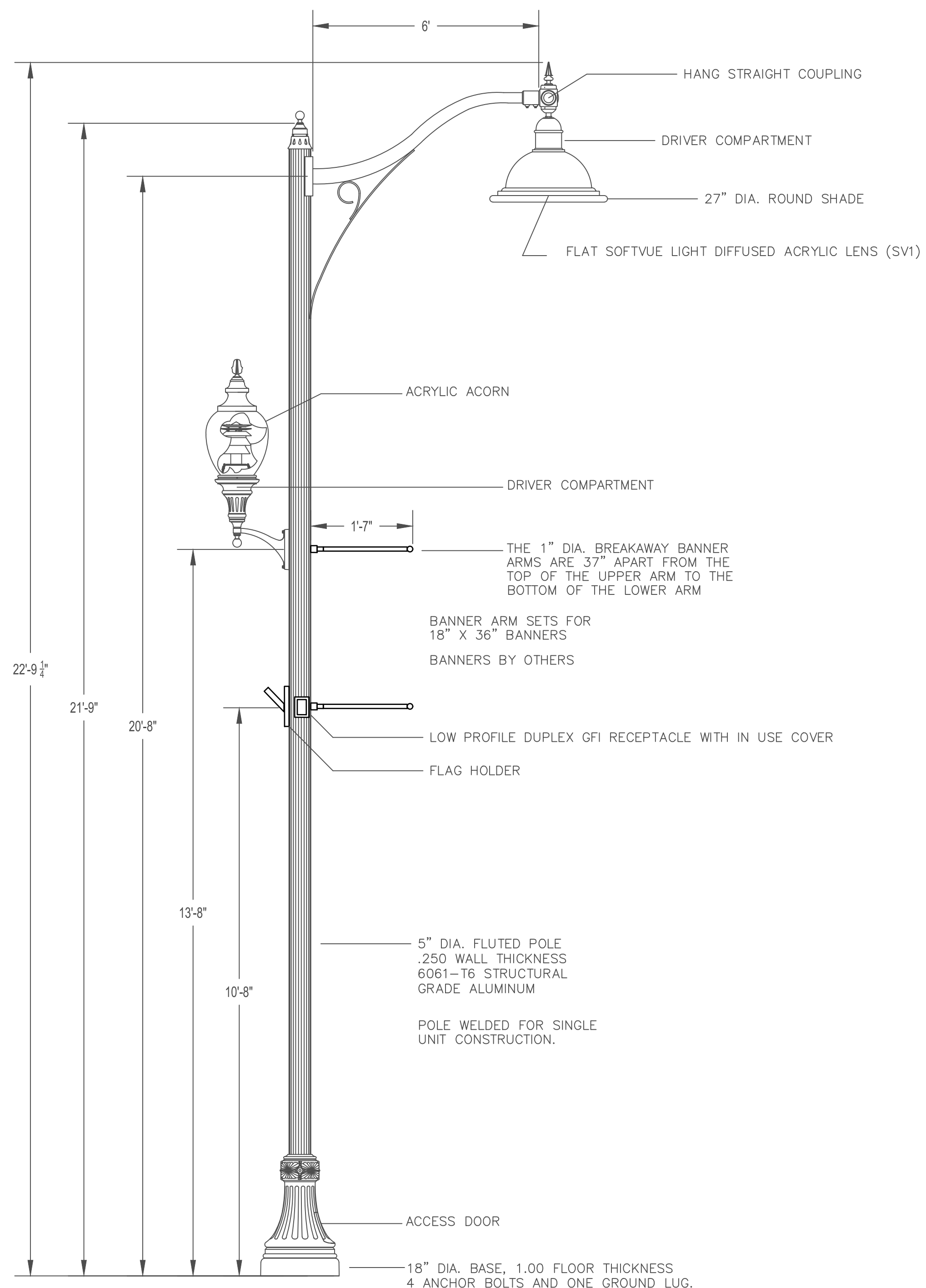


LEGEND

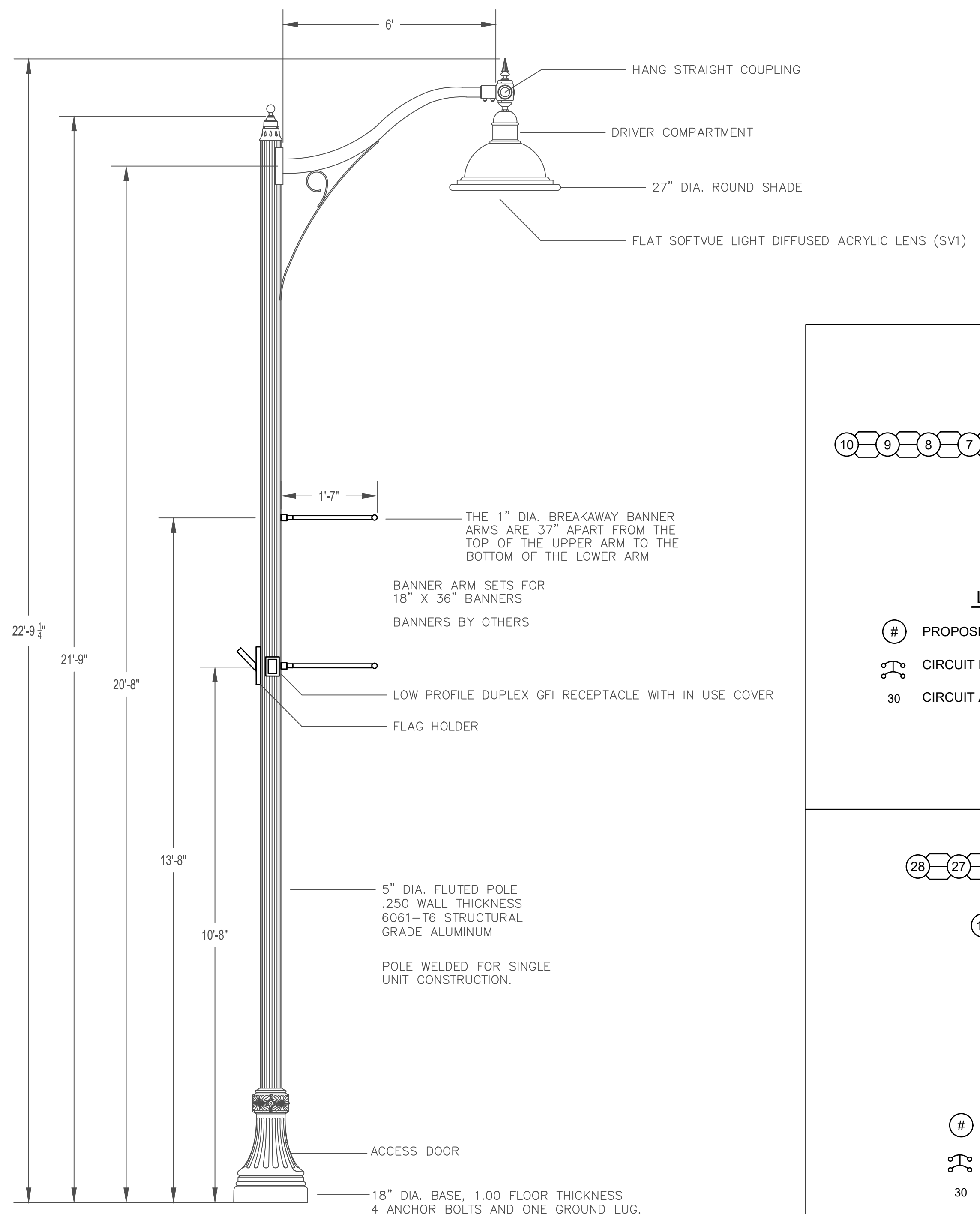
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	SILT FENCE



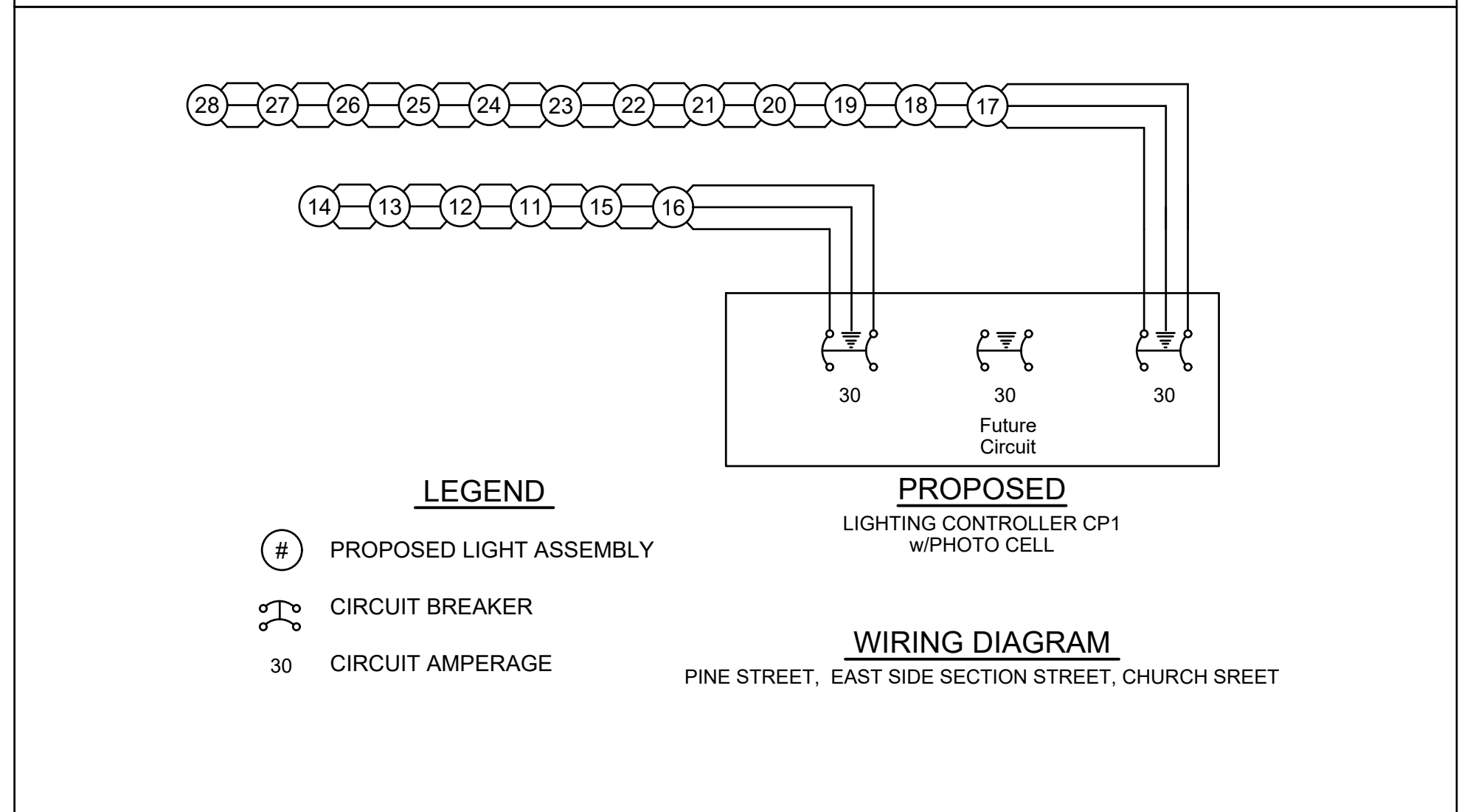
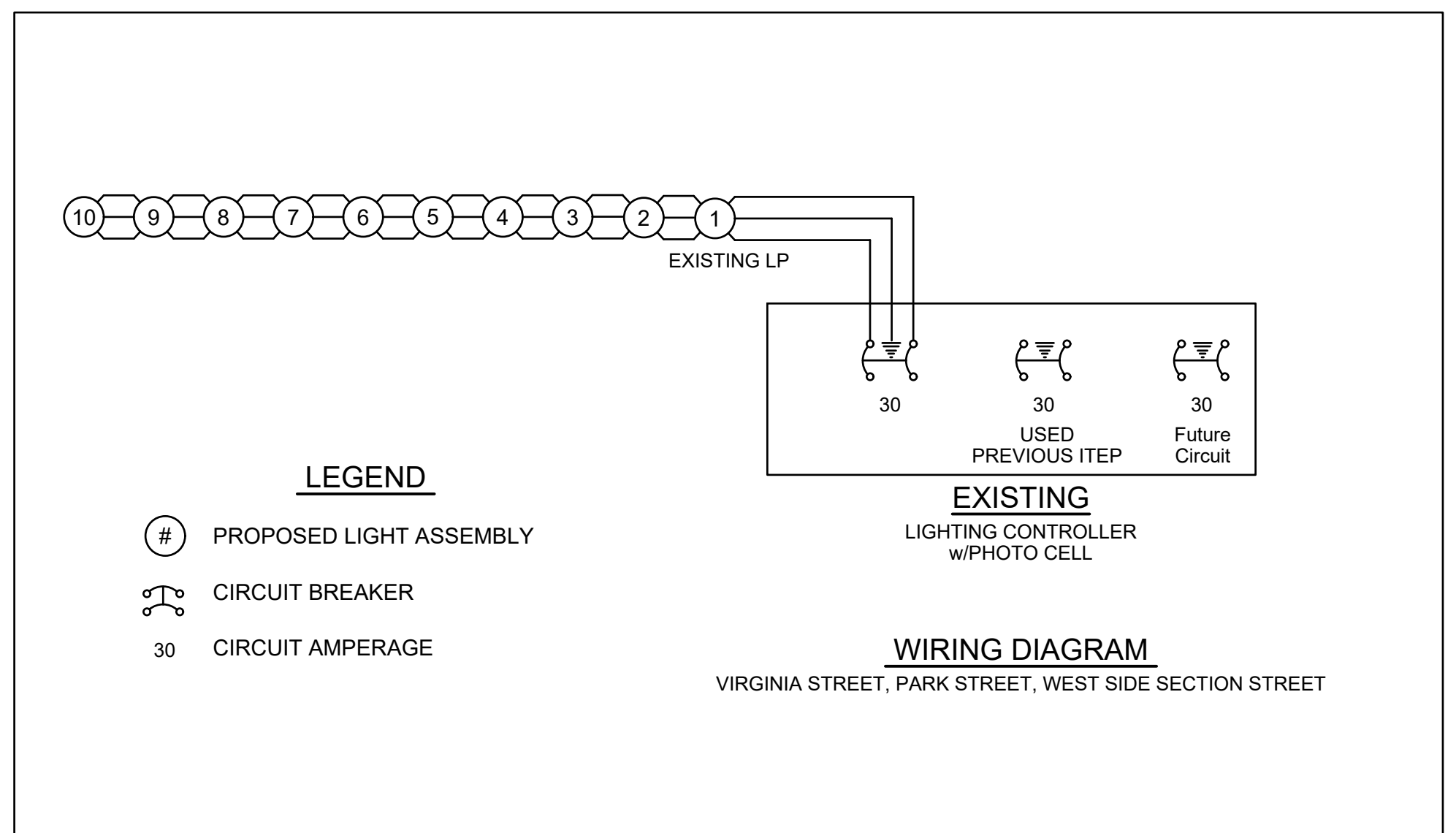
<p>MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@engr.com Web: www.mgen.com Design Firm #184-003108</p>	<p>SECTION STREET EROSION CONTROL PLAN SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS</p>
	<p>File name: S:1616348(dwg)Erosion Control.dwg Plot date: 12/18/17 at 15:00</p>



LIGHT POLE (SPECIAL)

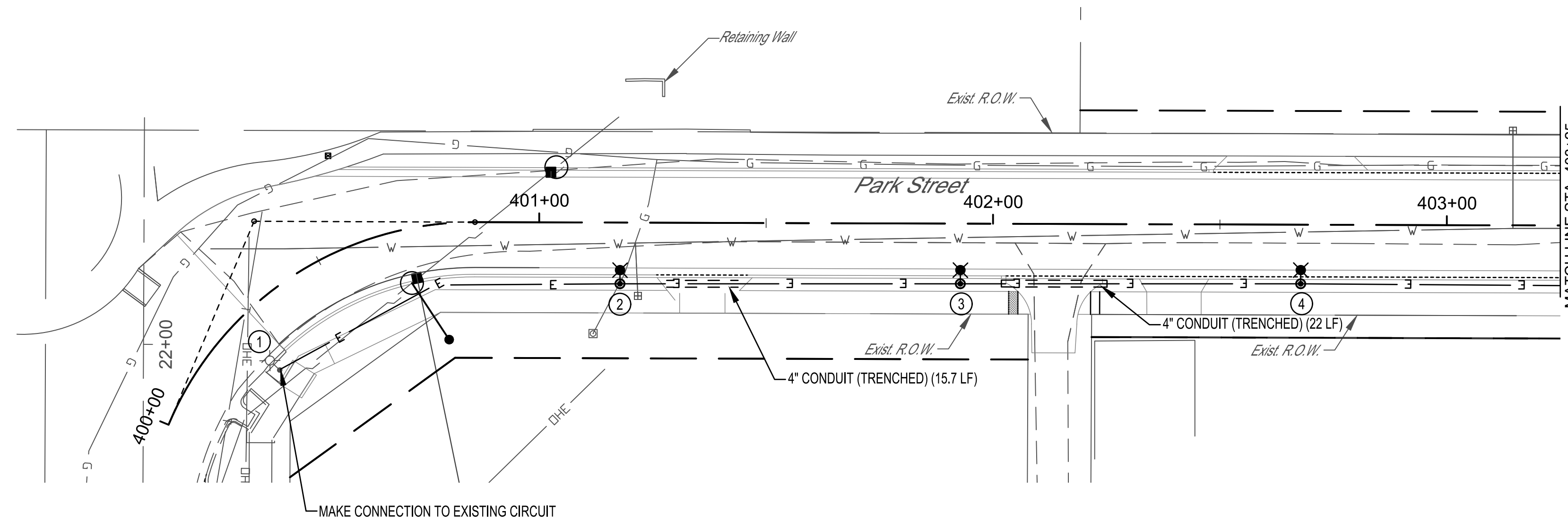


LIGHT POLE (SPECIAL TYPE 2)
(PEDESTRIAN LIGHT OMITTED)

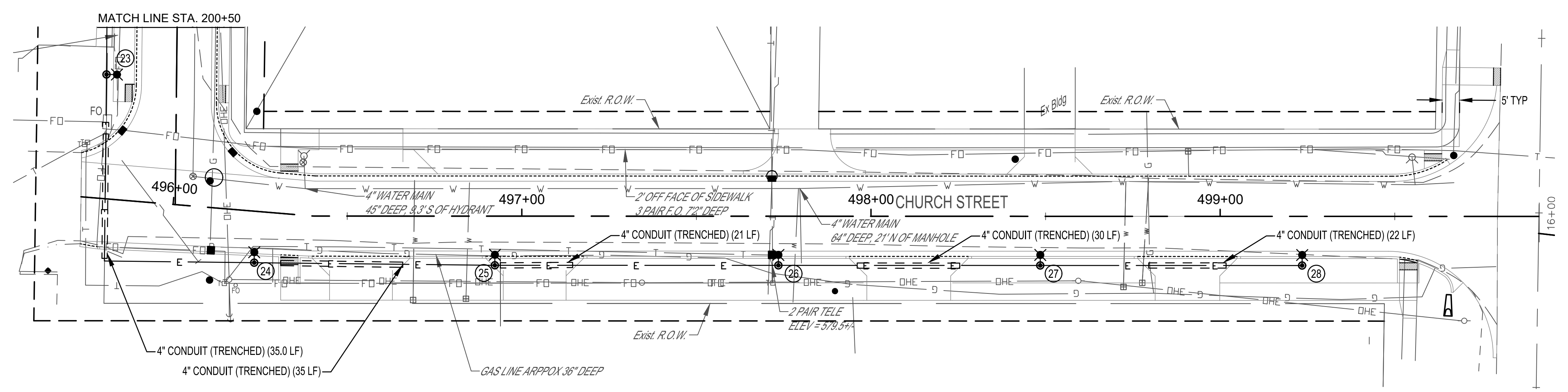


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	35
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT #95872



LIGHT POLES ARE LIGHT POLE, SPECIAL UNLESS OTHERWISE SHOWN



LIGHT POLES ARE LIGHT POLE, SPECIAL UNLESS OTHERWISE SHOWN

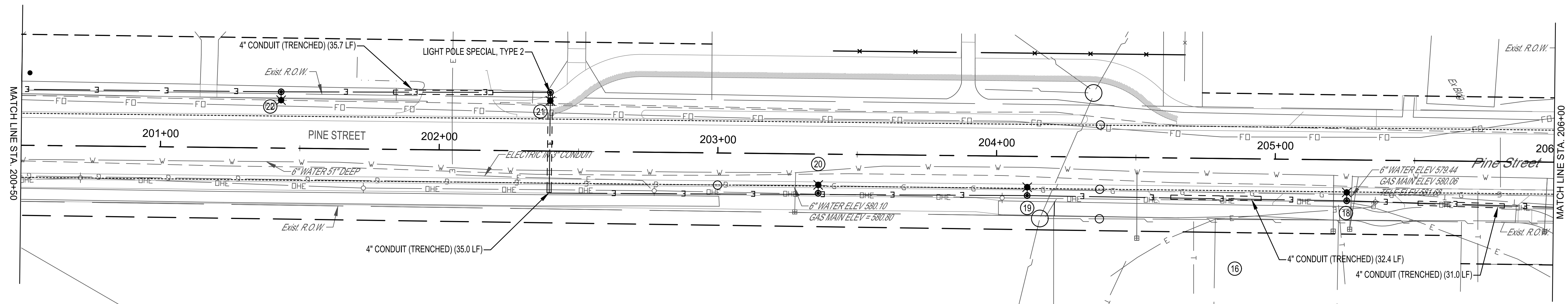
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgen@mgengineers.com
 Web: www.mgenengineers.com
 Design Firm #184-003108

PARK STREET & CHURCH STREET
 LIGHTING PLAN
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

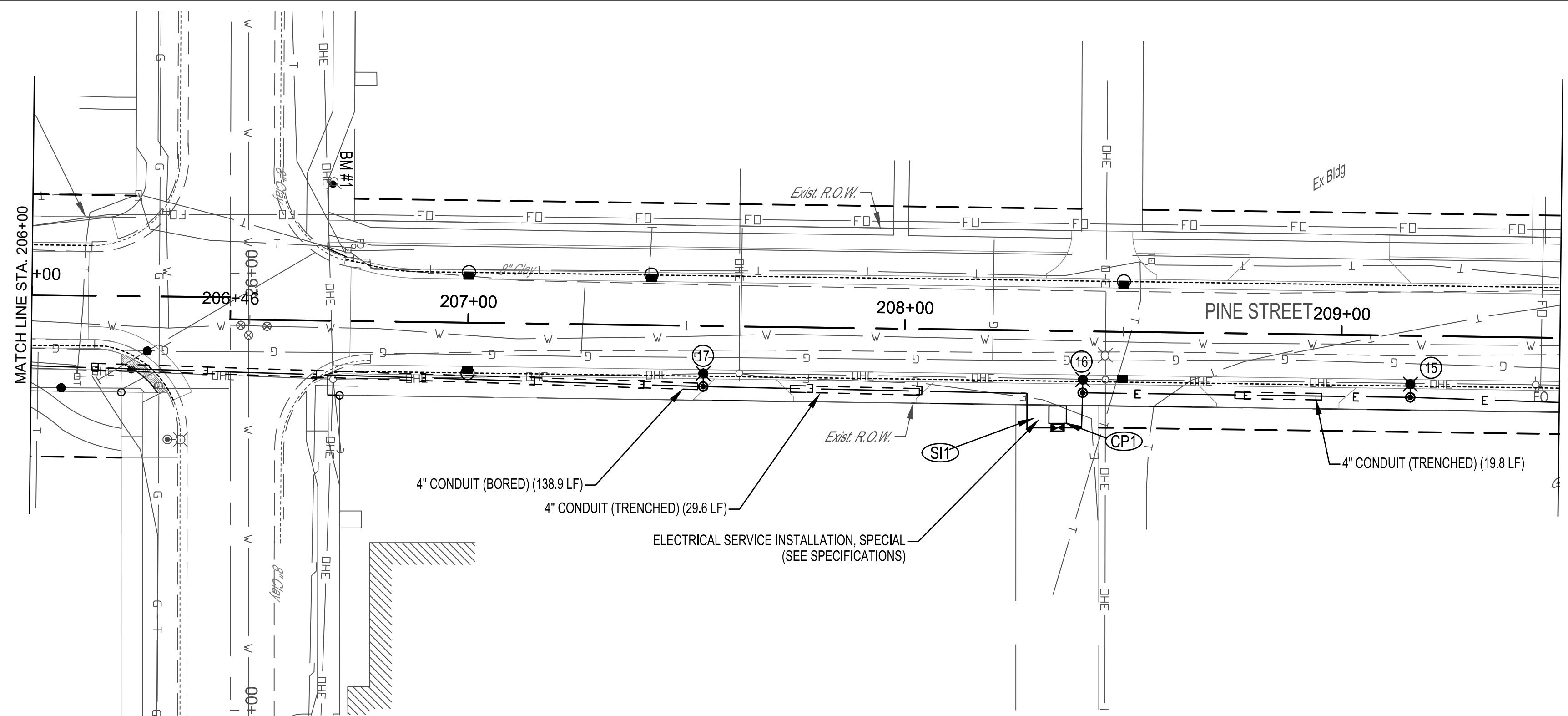
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	36
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

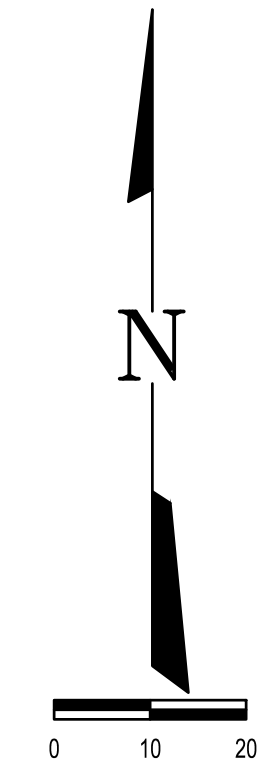
CONTRACT #95872



LIGHT POLES ARE LIGHT POLE, SPECIAL UNLESS OTHERWISE SHOWN



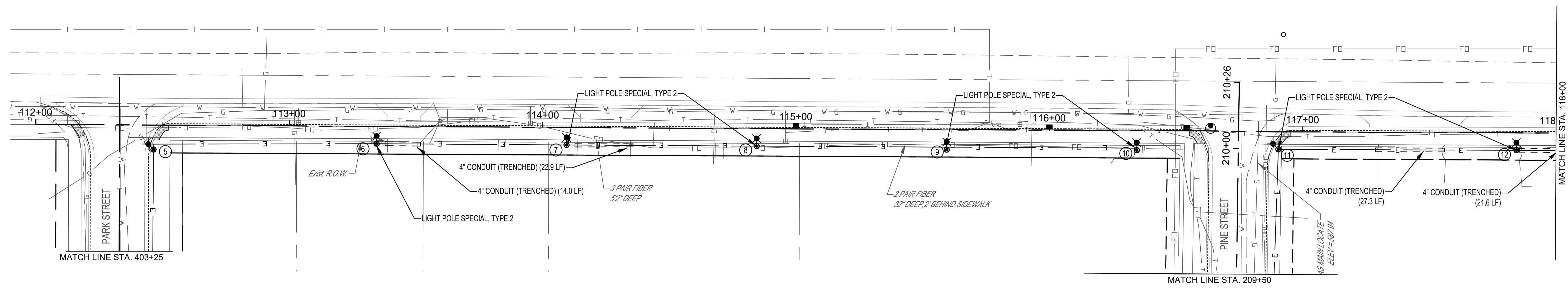
LIGHT POLES ARE LIGHT POLE, SPECIAL UNLESS OTHERWISE SHOWN



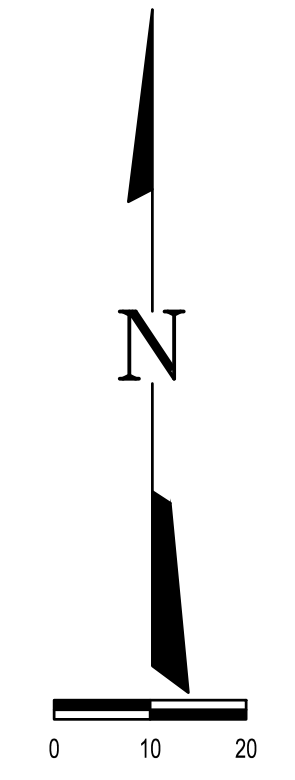
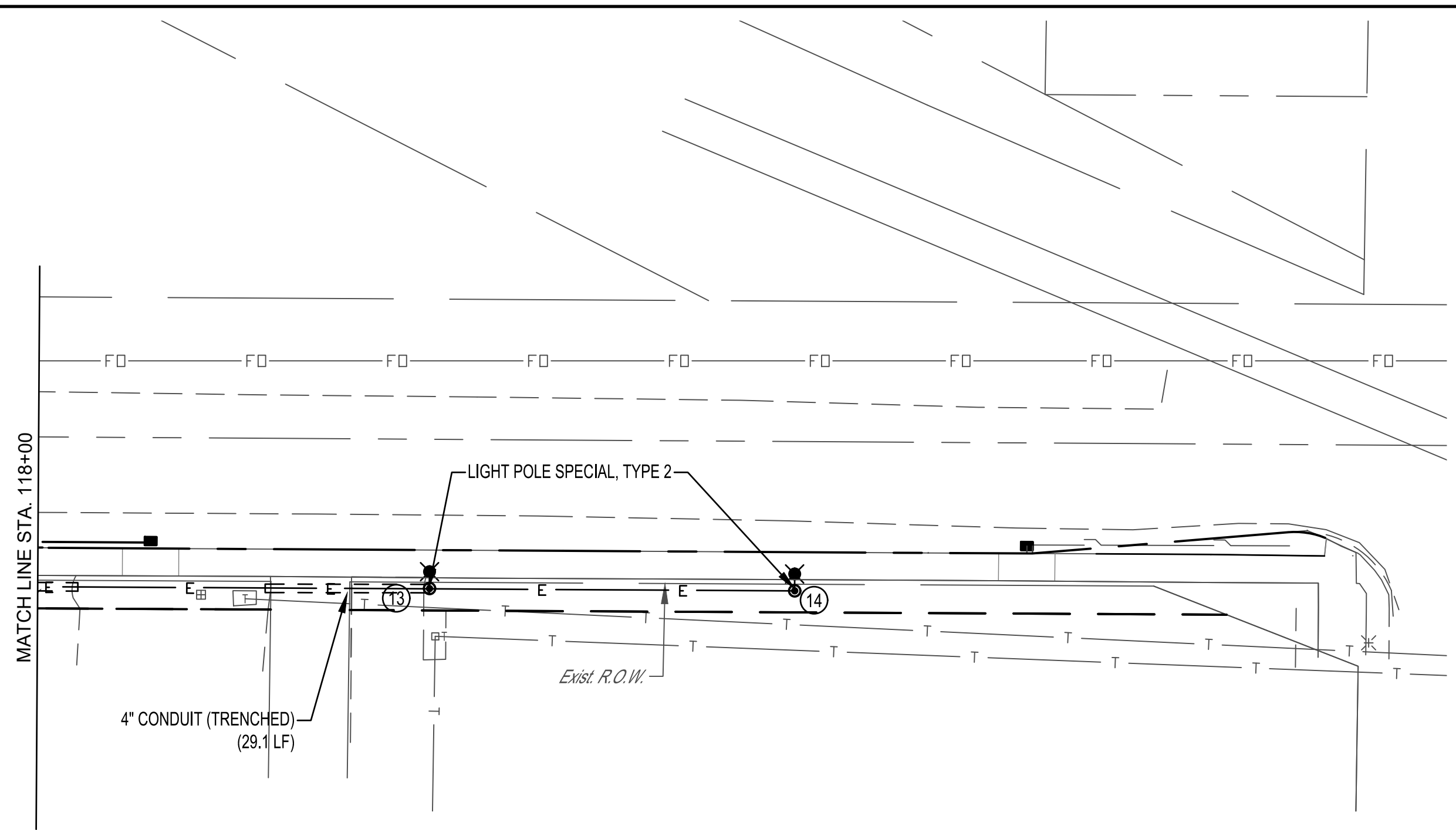
	MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 897 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgenengineers@mgenengineers.com Web: www.mgenengineers.com Design Firm #184-003108	PINE STREET LIGHTING PLAN SECTION 16-00009-00-SW VILLAGE OF DIETERICH EFFINGHAM COUNTY, ILLINOIS
	File name: S:\16\16348\dwg\Lighting.dwg Plot date: 12/18/17 at 15:00	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-00009-00-SW	EFFINGHAM	49	37
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT #95872



LIGHT POLES ARE LIGHT POLE, SPECIAL UNLESS OTHERWISE SHOWN



LIGHT POLES ARE LIGHT POLE, SPECIAL UNLESS OTHERWISE SHOWN

MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 897
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
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 Web: www.mgengineers.com
 Design Firm #184-003108

SECTION STREET
 LIGHTING PLAN
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

File name: S:\16\16348\dwg\Lighting.dwg
 Plot date: 12/18/17 at 15:00

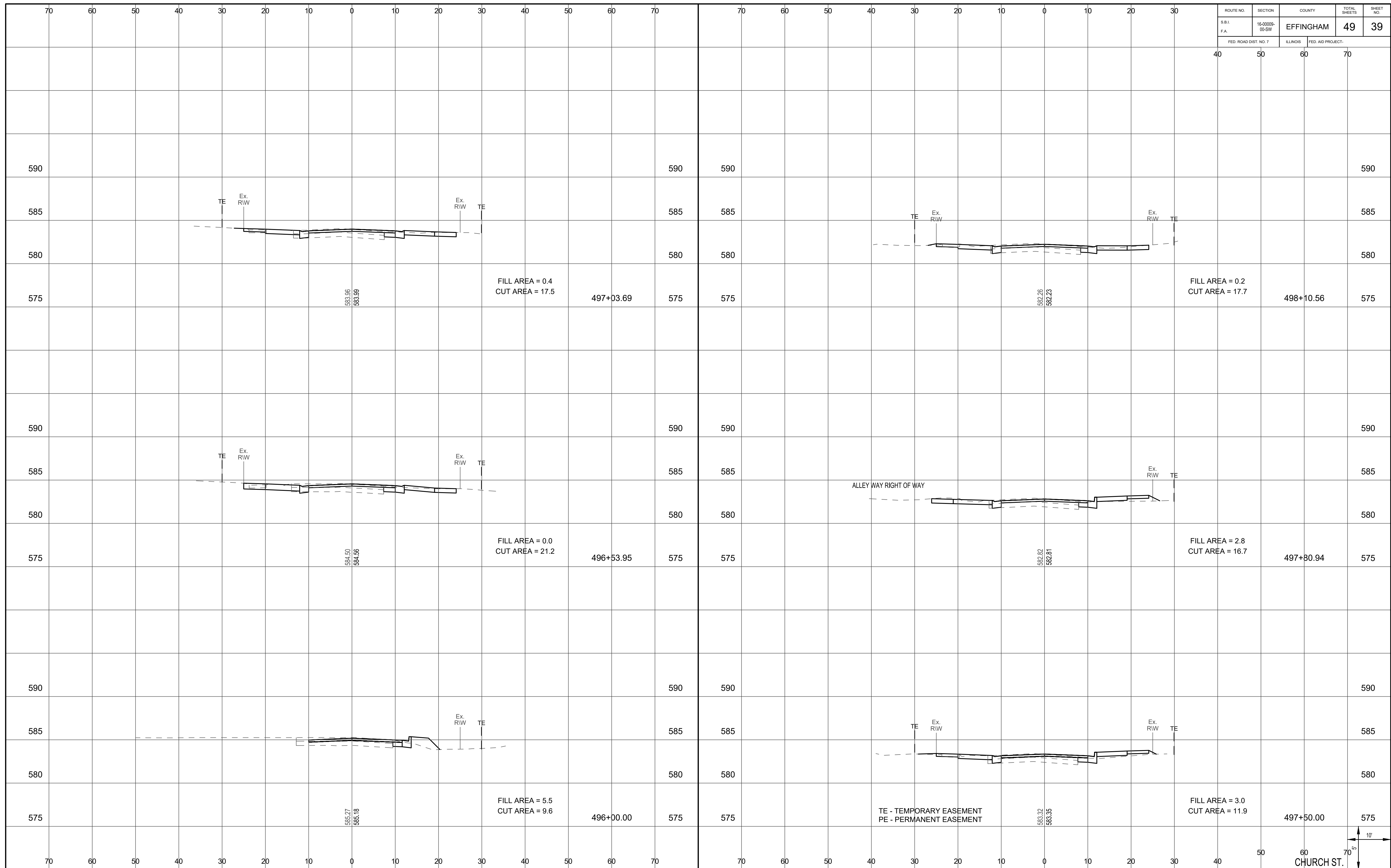
POLE NUMBER	STREET	LOCATION	LIGHTING CONTROLLER, POLE MOUNTED, 240 VOLT, 30 AMP	LIGHT POLE FOUNDATION, 24" DIAMETER	LIGHT POLE, SPECIAL	LIGHT POLE, SPECIAL, TYPE 2
			82500300	83600200	X8300001	XX009135
			EACH	FOOT	EACH	EACH
EXISTING POLE # 1	PARK STREET	14.2' Rt Sta. 400+26				
2	PARK STREET	13.5' Rt Sta. 401+17		5	1	
3	PARK STREET	13.3' Rt Sta. 401+93		5	1	
4	PARK STREET	13.0' Rt Sta. 402+68		5	1	
5	PARK STREET	13.4' Rt Sta. 403+65		5	1	1
6	SECTION STREET	6.8' Rt Sta. 113+35		5		1
7	SECTION STREET	6.9' Rt Sta. 114+09		5		1
8	SECTION STREET	6.9' Rt Sta. 114+85		5		1
9	SECTION STREET	6.9' Rt Sta. 115+59		5		1
10	SECTION STREET	7.0' Rt Sta. 116+35		5		1
11	SECTION STREET	6.9' Rt Sta. 116+90		5		1
12	SECTION STREET	6.9' Rt Sta. 117+84		5		1
13	SECTION STREET	6.9' Rt Sta. 118+59		5		1
14	SECTION STREET	6.9' Rt Sta. 119+34		5		1
15	NORTH PINE STREET	14.1' Rt Sta. 209+16		5		1
16	NORTH PINE STREET	14.1' Rt Sta. 208+41		5		1
CP1	NORTH PINE STREET	22.2' Rt Sta. 208+35	1	5		
17	NORTH PINE STREET	13.9' Rt Sta. 207+54		5		1
18	NORTH PINE STREET	14.7' Rt Sta. 205+26		5	1	
19	SOUTH PINE STREET	14.1' Rt Sta. 204+11		5	1	
20	SOUTH PINE STREET	14.1' Rt Sta. 203+36		5	1	
21	SOUTH PINE STREET	21.0' Lt Sta. 202+40		5		1
22	SOUTH PINE STREET	20.2' Lt Sta. 201+43		5		1
23	SOUTH PINE STREET	20.1' Lt Sta. 200+36		5		1
24	CHURCH STREET	14.7' Rt Sta. 496+25		5	1	
25	CHURCH STREET	14.1' Rt Sta. 496+92		5	1	
26	CHURCH STREET	14.1' Rt Sta. 497+74		5	1	
27	CHURCH STREET	14.1' Rt Sta. 498+49		5	1	
28	CHURCH STREET	14.1' Rt Sta. 499+24		5	1	
TOTAL			1	140	12	16

PT TO PT	STATION TO STATION	LOCATION RT.	LOCATION LT.	UNDERGROUND CONDUIT, PVC, 4" DIA	UNIT DUCT, 600V 2-1C NO. 6, 1/2" NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE
				FOOT	FOOT
				81028390	81603035
Circuit 1 (Existing Controller)					
Existing pole #1	2	400+26.2	401+17.8	14.2/13.5	97.5
2	3	401+17.8	401+92.8	13.5/13.3	93.0
3	4	401+92.8	402+67.8	13.3/13.0	93.0
4	5	402+67.8	403+65.4	13.0/13.4	115.5
5	6	403+65.4	113+34.5	13.4/6.8	108.0
6	7	113+34.5	114+09.5	6.8/6.9	93.0
7	8	114+09.5	114+84.5	6.9/6.9	93.0
8	9	114+84.5	115+59.5	6.9/6.9	93.0
9	10	115+59.5	116+34.5	6.9/6.9	93.0
Subtotal				75.9	879.0
Circuit 2 (Proposed Controller)					
CP1	16	208+35.3	208+40.9	22.2/14.1	30.0
16	15	208+40.9	209+15.9	14.1/14.1	93.0
15	11	209+15.9	116+90.4	14.1/6.9	102.0
11	12	116+90.4	117+84.4	6.9/6.9	112.0
12	13	117+84.4	118+59.3	6.9/6.9	103.2
13	14	118+59.3	119+34.3	6.9/6.9	82.8
Subtotal				97.8	523.0
Circuit 3 (Proposed Controller)					
CP1	17	208+35.3	207+54.0	22.2/13.9	105.6
17	18	207+54.0	205+25.8	13.9/14.7	246.2
18	19	205+25.8	204+11.1	14.7/14.1	132.7
19	20	204+11.1	203+36.1	14.1/14.1	189.5
20	21	203+36.1	202+39.7	14.1	225.6
21	22	202+39.7	201+43.1	21.0/20.2	114.6
22	23	201+43.1	200+35.9	20.2/20.1	125.2
23	24	200+35.9	496+24.5	14.7	114.4
24	25	496+24.5	496+92.3	14.7/14.1	86.7
25	26	496+92.3	497+73.5	14.1/14.1	99.5
26	27	497+73.5	498+48.5	14.1/14.1	93.0
27	28	498+48.5	499+23.46	14.1/14.1	93.0
Subtotal				445.5	1626.0
Total				619.2	3028.0



LIGHTING DETAILS
 LIGHTING PLAN
 SECTION 16-00009-00-SW
 VILLAGE OF DIETERICH
 EFFINGHAM COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009- 00-SW	EFFINGHAM	49	39
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



FILL AREA = 0.4
CUT AREA = 17.5

FILL AREA = 0.2
CUT AREA = 17.7

FILL AREA = 0.0
CUT AREA = 21.2

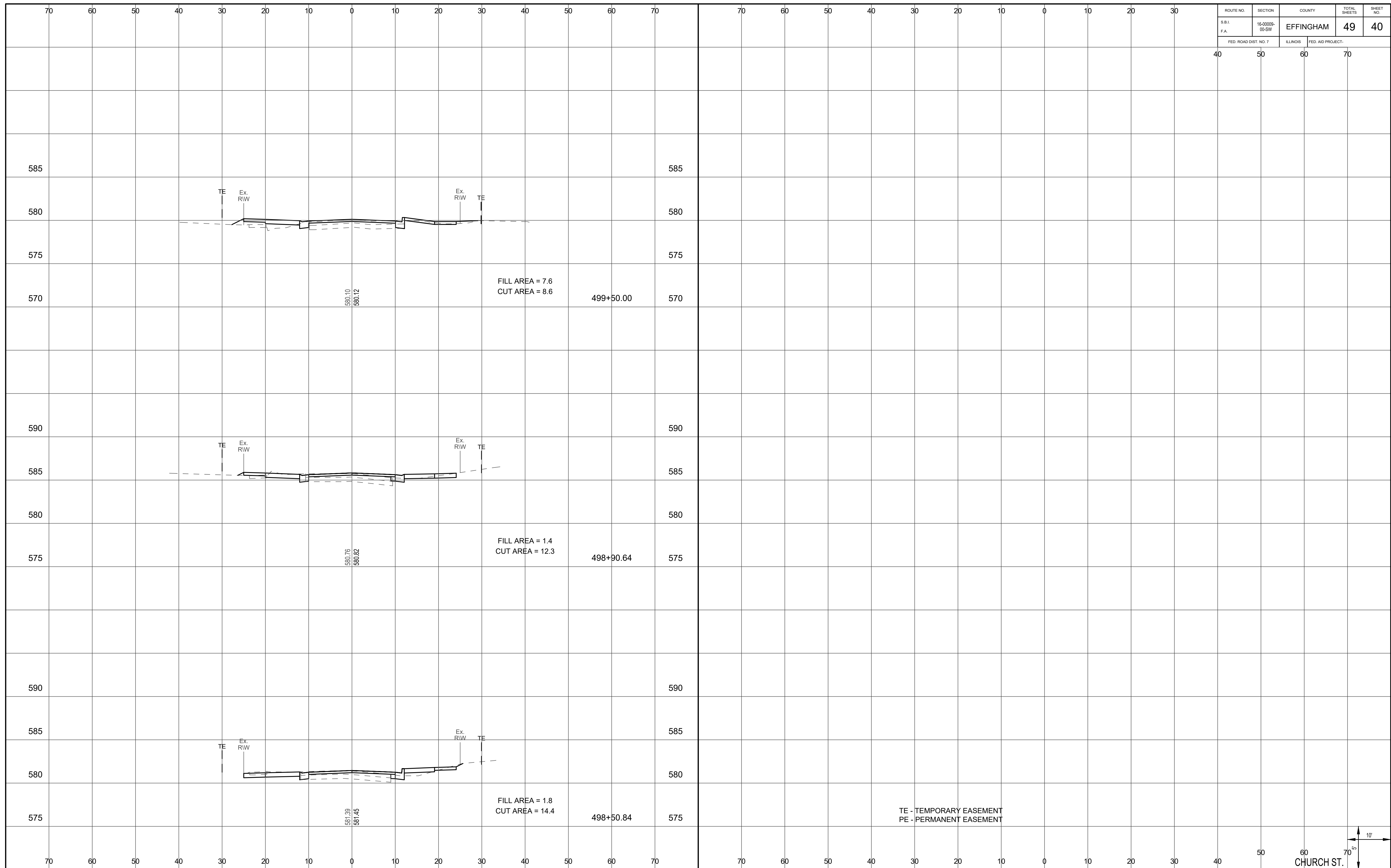
FILL AREA = 2.8
CUT AREA = 16.7

FILL AREA = 5.5
CUT AREA = 9.6

FILL AREA = 3.0
CUT AREA = 11.9

ALLEY WAY RIGHT OF WAY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	40
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



FILL AREA = 7.6
CUT AREA = 8.6

499+50.00

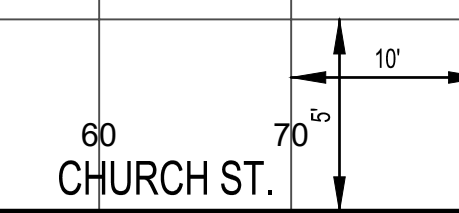
FILL AREA = 1.4
CUT AREA = 12.3

498+90.64

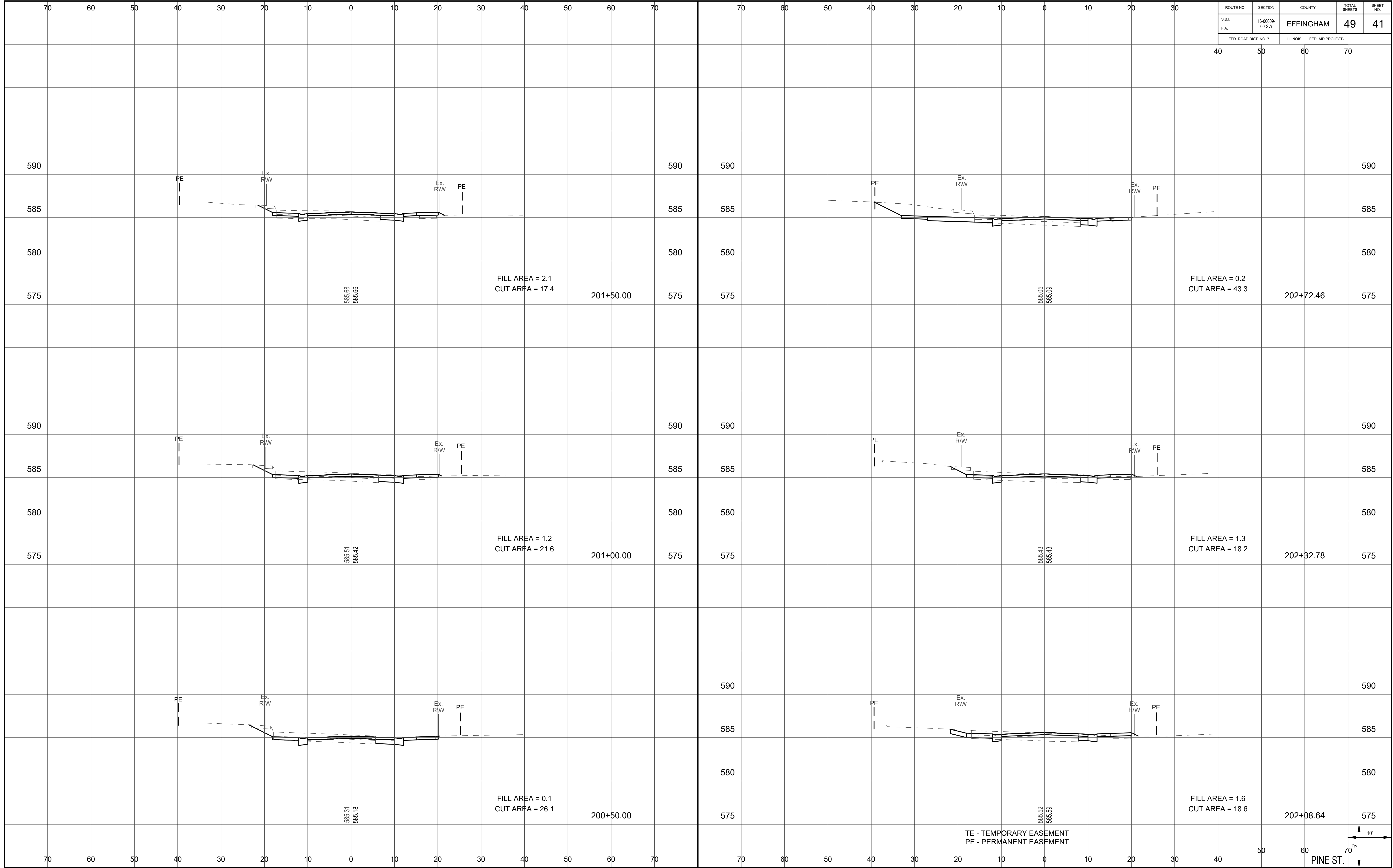
FILL AREA = 1.8
CUT AREA = 14.4

498+50.84

TE - TEMPORARY EASEMENT
PE - PERMANENT EASEMENT



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009- 00-SW	EFFINGHAM	49	41
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



FILL AREA = 2.1
CUT AREA = 17.4

FILL AREA = 0.2
CUT AREA = 43.3

FILL AREA = 1.2
CUT AREA = 21.6

FILL AREA = 1.3
CUT AREA = 18.2

FILL AREA = 0.1
CUT AREA = 26.1

FILL AREA = 1.6
CUT AREA = 18.6

201+50.00

202+72.46

201+00.00

202+32.78

200+50.00

202+08.64

585.68
585.66

585.05
585.09

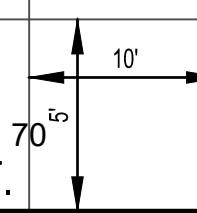
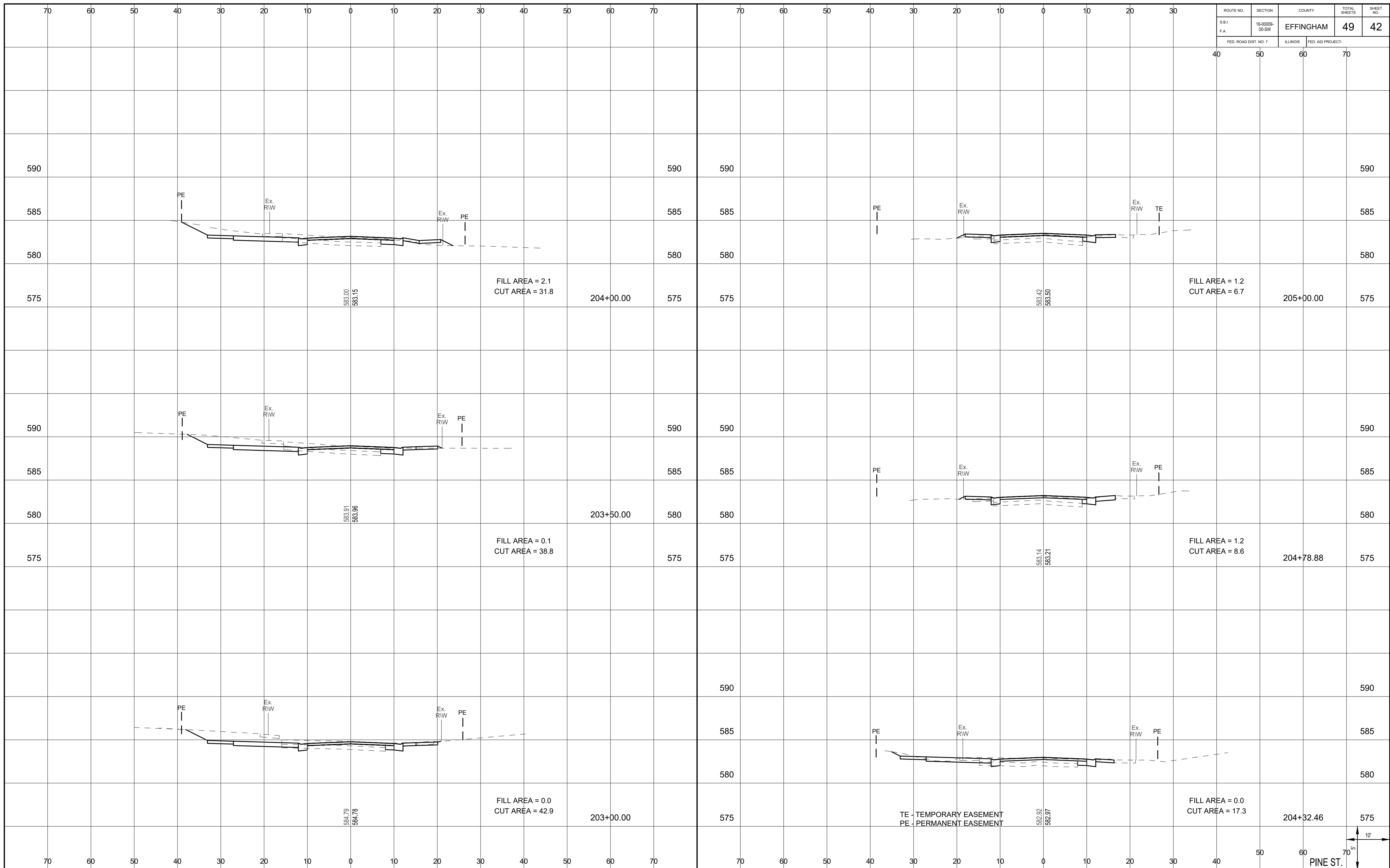
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585.43

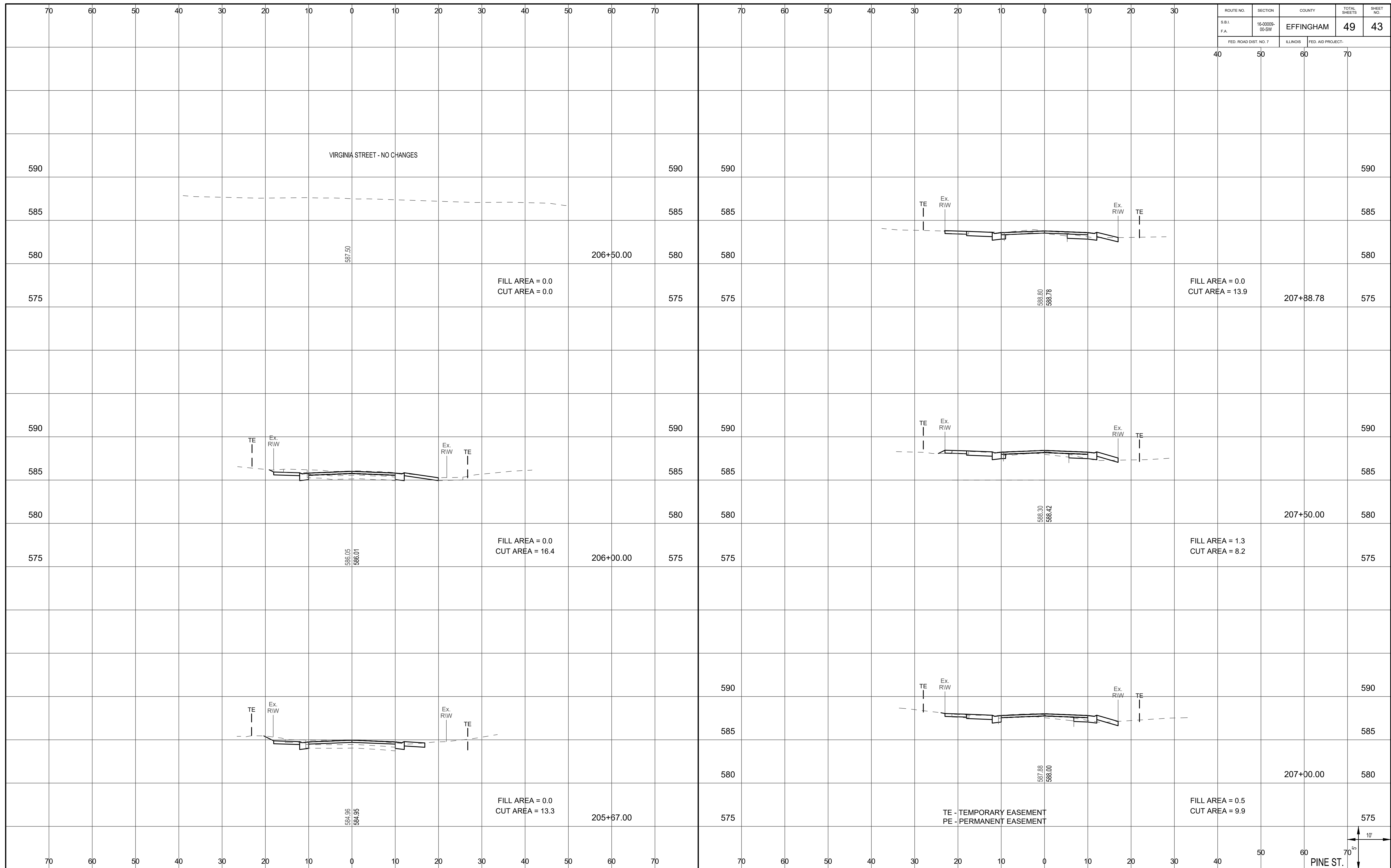
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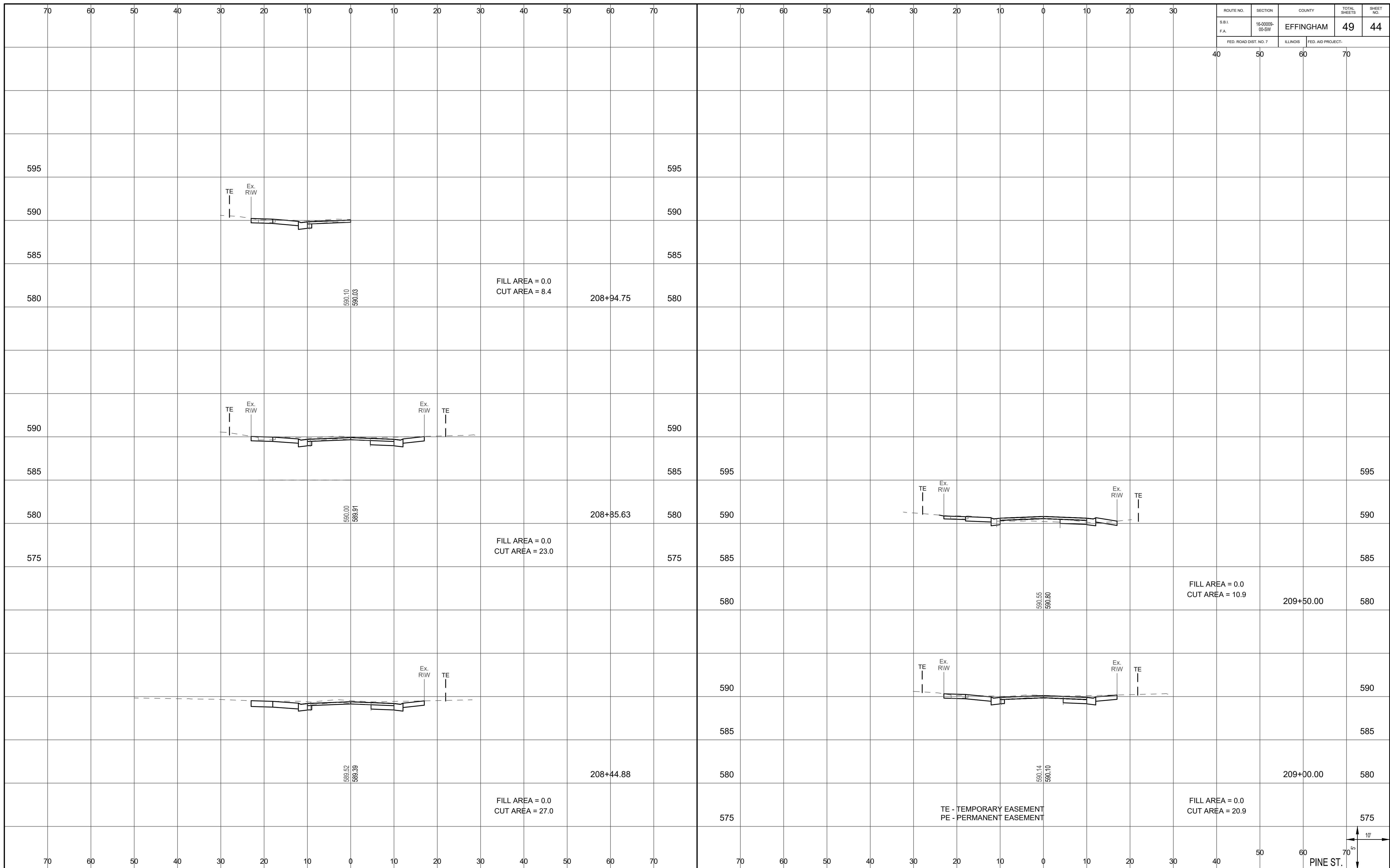
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	42
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009- 00-SW	EFFINGHAM	49	43
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	44
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



FILL AREA = 0.0
CUT AREA = 8.4

208+94.75

FILL AREA = 0.0
CUT AREA = 23.0

208+85.63

FILL AREA = 0.0
CUT AREA = 10.9

209+50.00

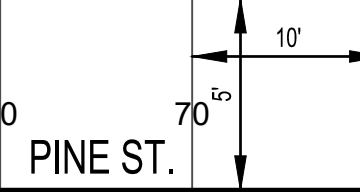
FILL AREA = 0.0
CUT AREA = 27.0

208+44.88

FILL AREA = 0.0
CUT AREA = 20.9

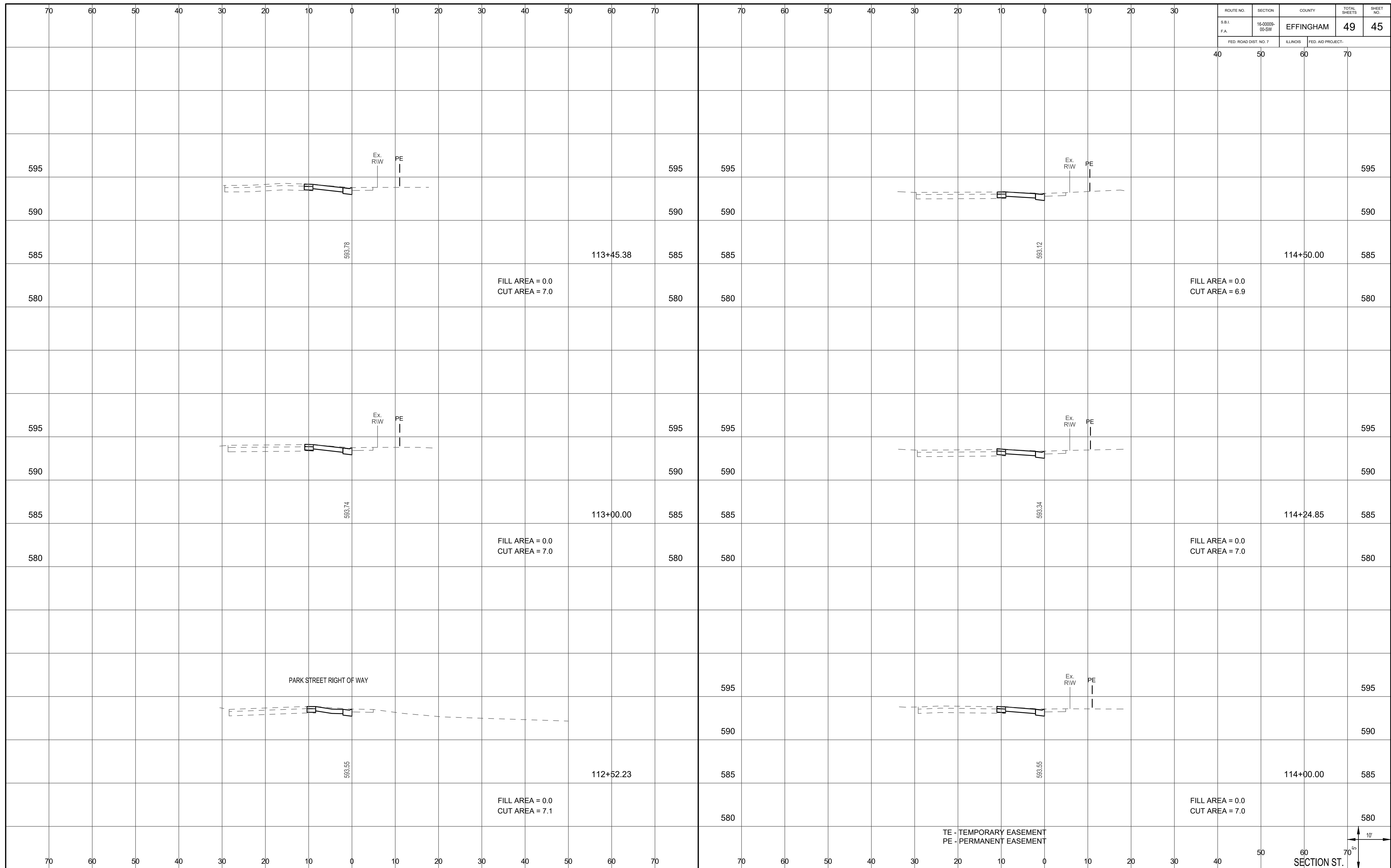
209+00.00

TE - TEMPORARY EASEMENT
PE - PERMANENT EASEMENT



PINE ST.

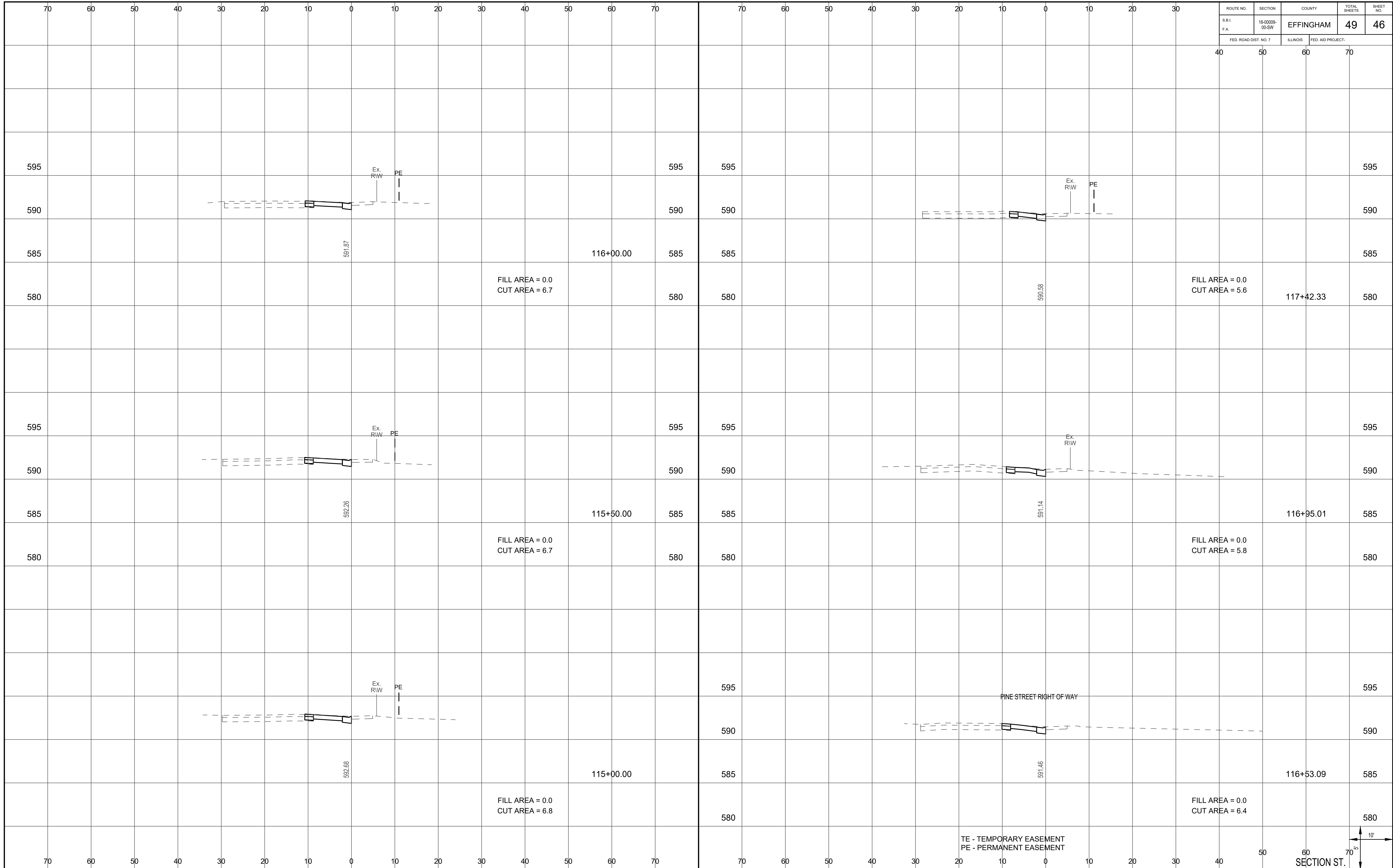
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009- 00-SW	EFFINGHAM	49	45
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-	40	50
			60	70



TE - TEMPORARY EASEMENT
PE - PERMANENT EASEMENT

10'
70'
SECTION ST.

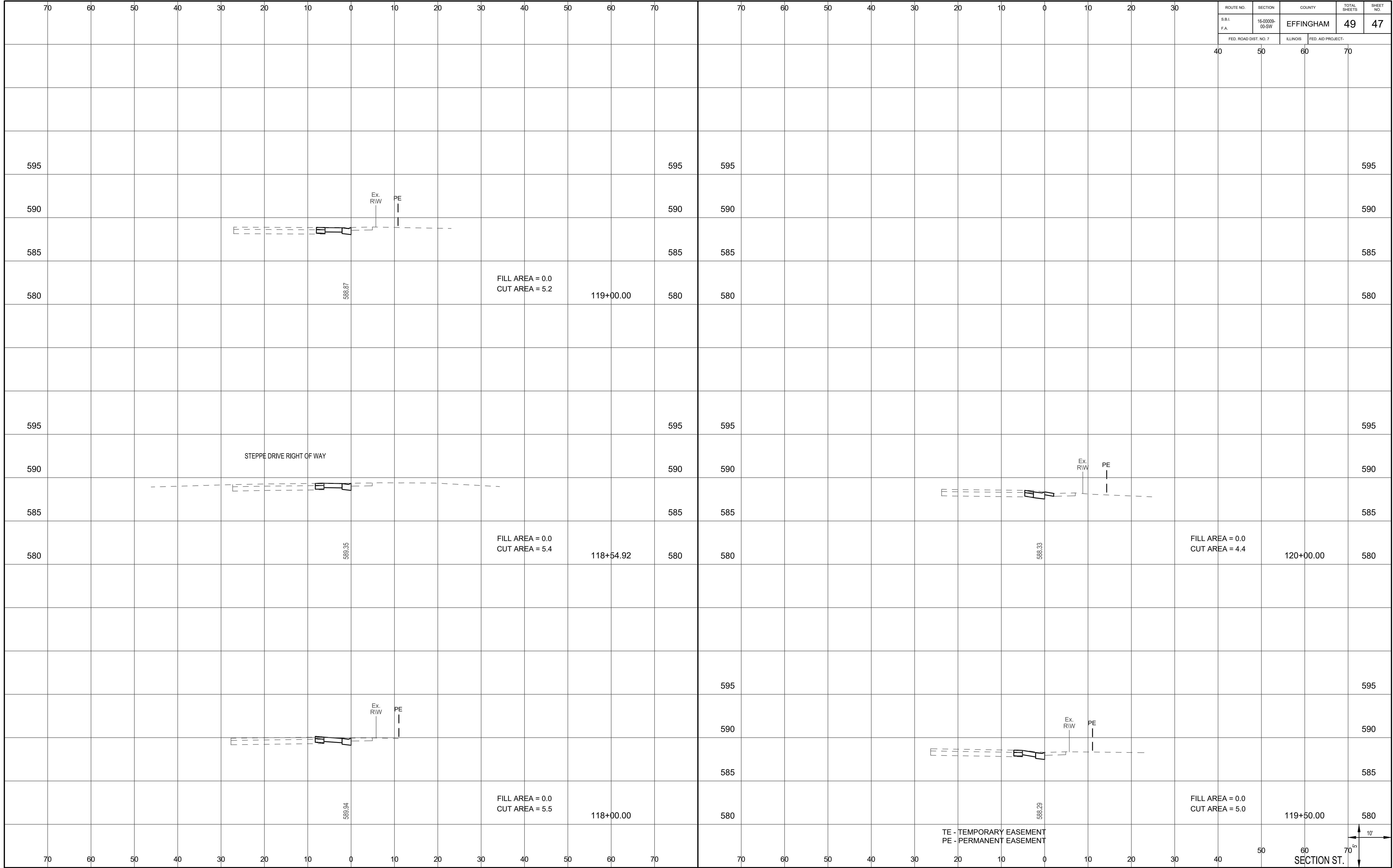
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009- 00-SW	EFFINGHAM	49	46
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



TE - TEMPORARY EASEMENT
PE - PERMANENT EASEMENT



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009- 00-SW	EFFINGHAM	49	47
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		



FILL AREA = 0.0
CUT AREA = 5.2

FILL AREA = 0.0
CUT AREA = 5.4

FILL AREA = 0.0
CUT AREA = 5.5

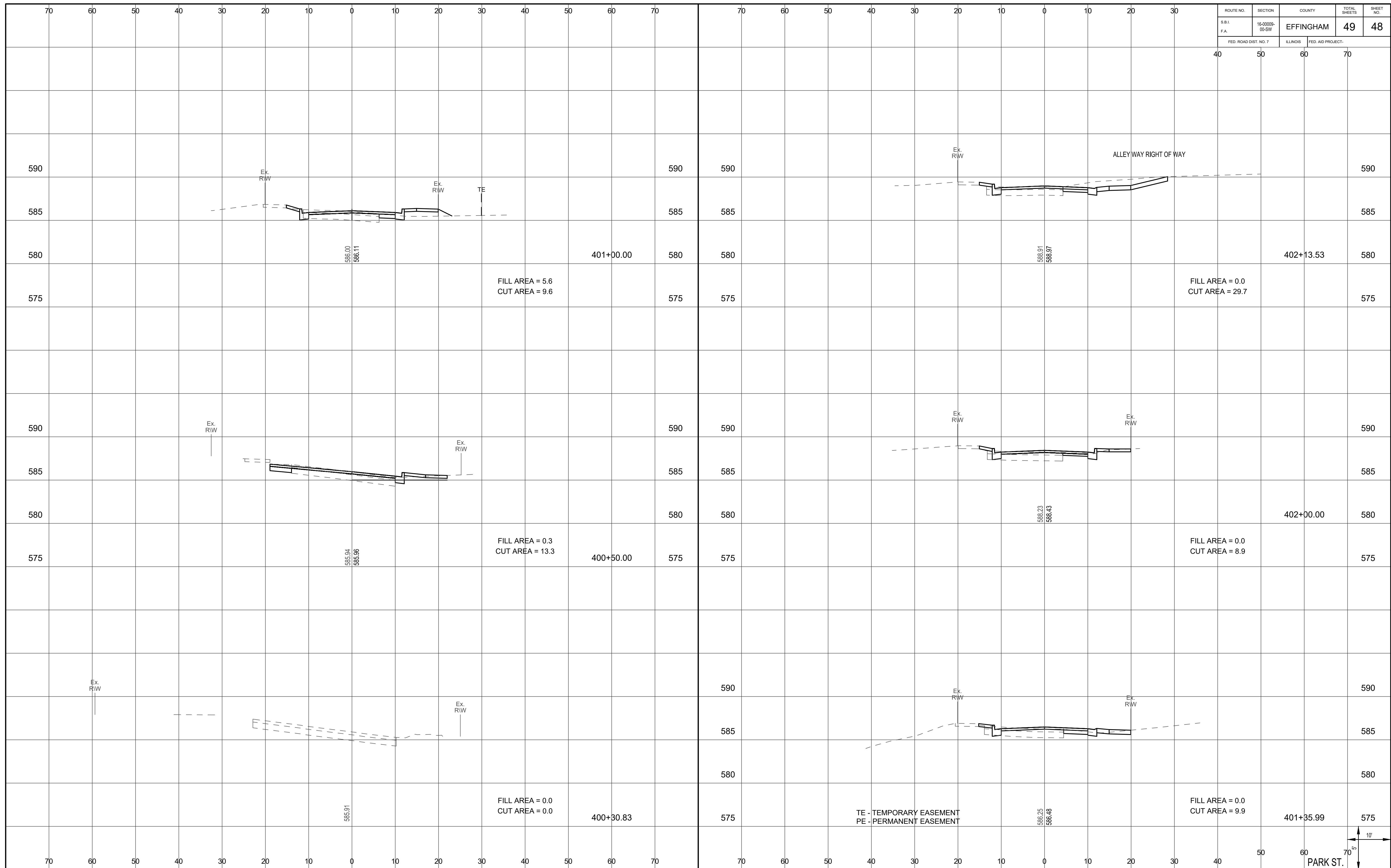
FILL AREA = 0.0
CUT AREA = 4.4

FILL AREA = 0.0
CUT AREA = 5.0

TE - TEMPORARY EASEMENT
PE - PERMANENT EASEMENT

10'
70'
SECTION ST.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009- 00-SW	EFFINGHAM	49	48
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



TE - TEMPORARY EASEMENT
PE - PERMANENT EASEMENT



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	16-0009-00-SW	EFFINGHAM	49	49
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

