

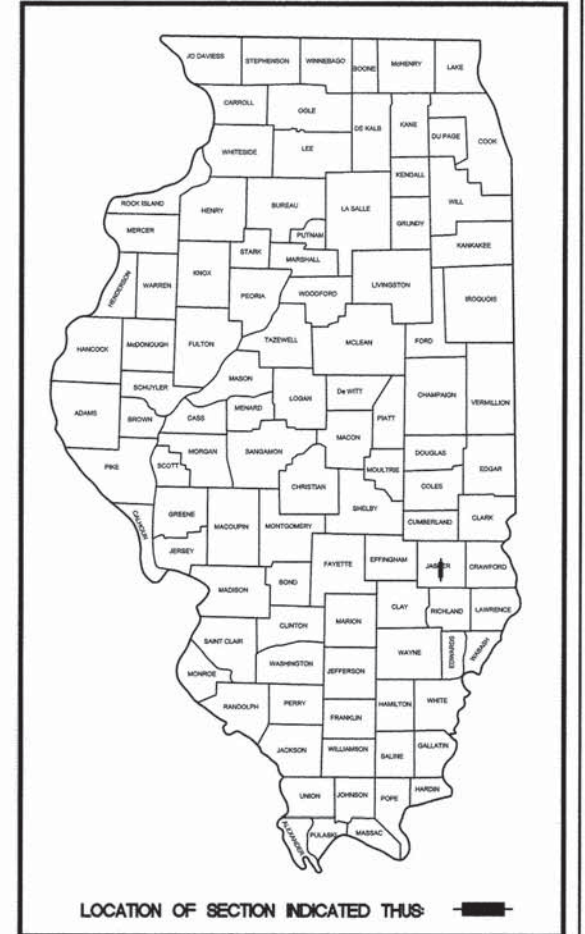
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SIDEWALK ENHANCEMENT

VARIOUS ROUTES
SECTION 13-00047-00-SW
PROJECT NO. TE-00D7(060)
JOB NO. C-97-055-13
ITEP NO. 72009
CITY OF NEWTON
JASPER COUNTY, ILLINOIS

CONTRACT # 95772				
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.L. F.A.	13-00047-00-SW	JASPER	43	1
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

FOR INDEX OF SHEETS
AND STANDARDS
SEE SHEET 2



APPROVED 11-11-2015
W. J. Best
MAYOR, CITY OF NEWTON

PASSED 11-17-2015
Maureen Staud
DISTRICT SEVEN ENGINEER OF
LOCAL ROADS & STREETS

Releasing For
Bid Based on
Limited Review 11-17-2015
Robert D. Huchel
DEPUTY DIRECTOR OF HIGHWAYS,
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES

PLAN	0	20	40
PROFILE (HORIZONTAL)	0	20	40
PROFILE (VERTICAL)	0	5	10
CROSS SECTIONS (HORIZONTAL)	0	10	20
CROSS SECTIONS (VERTICAL)	0	5	10

DESIGN STAGE J.U.L.I.E. DIG NUMBER
DIG # X3031209

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.

Contract No. 95772



LOCATION MAP
CITY OF NEWTON

LENGTH OF PROJECT

VAN BUREN STREET/ILL ROUTE 130	= 1743.2 Feet (0.330 Mile)
ILL ROUTE 33	= 392.9 Feet (0.074 Mile)
JACKSON STREET	= 393.1 Feet (0.074 Mile)
WASHINGTON STREET	= 392.9 Feet (0.074 Mile)
WATER STREET	= 188.1 Feet (0.036 Mile)
TOTAL	= 3,110.2 Feet (0.589 Mile)



SIDEWALK ENHANCEMENT
VARIOUS ROUTES
SECTION

PLANS DATED:
November 10, 2015

MILANO & GRUNLOH ENGINEERS, LLC
114 WEST WASHINGTON
P.O. BOX 897
EFFINGHAM, ILLINOIS 62401
Phone: (217) 947-7282
Fax #: (217) 947-2714
Web Address: www.mgeengineers.com
Design Firm #: 184-003108

File name: S:\DWG\13\13210\dwg\Title Sheet.dwg
Plot date: 11/10/15

LEE R. BECKMAN
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
Lee R. Beckman
Lee R. Beckman
My License Expires 11-30-15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A.	13-0047 00-SW	JASPER	43	2
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT #95772

INDEX OF SHEETS

1	TITLE SHEET
2	INDEX OF SHEETS AND STANDARDS
3	GENERAL NOTES SHEET
4	SUMMARY OF QUANTITIES SHEET
5-7	SCHEDULE OF QUANTITIES
8	CONTROL AND BENCHMARKS
9-12	TYPICAL SECTIONS
13-14	DETAIL SHEETS
15-22	REMOVAL PLAN SHEETS
23	DRAINAGE PLAN
24	SIGNAL PLAN
25-32	SIDEWALK PLAN SHEETS
33-40	STREET LIGHTING PLAN SHEETS
41-43	LIGHTING SCHEMATICS

STANDARDS

000001-06	Standard Symbols, Abbreviations, and Patterns
280001-07	Temporary Erosion Control Systems
424001-08	Perpendicular Curb Ramps for Sidewalks
424006-02	Diagonal Curb Ramps for Sidewalks
424011-02	Corner Parallel Curb Ramps for Sidewalks
424021-03	Depressed Corner for Sidewalks
424026-01	Entrance/Alley Pedestrian Crossings
602301-04	Inlet, Type A
602306-03	Inlet, Type B
604001-04	Frame and Lids, Type 1
604006-05	Frame and Grate, Type 3
604036-03	Grate, Type 8
604051-04	Frame and Grate, Type 11
606001-06	Concrete Curb Type B and Combination Concrete Curb and Gutter
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
701801-05	Sidewalk, Corner or Crosswalk Closure
701901-04	Traffic Control Devices
805001-01	Electrical Service Installation Details
814001-03	Handholes
836001-02	Light Pole Foundation



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INDEX OF SHEETS
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-0047-00-SW
 JASPER COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.S.1	13-0047	JASPER	43	3
F.A.	00-SW			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

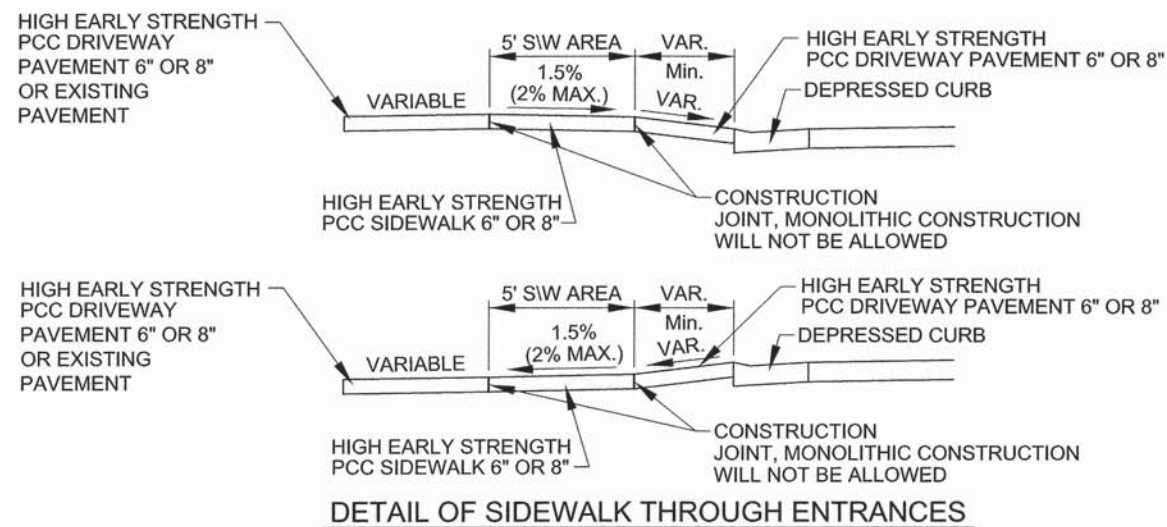
CONTRACT 95172

GENERAL NOTES

- 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 2.
- BEFORE ORDERING STORM SEWERS, PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL FIELD MEASURE FOR EXACT LENGTHS.
- CURB AND GUTTER, SIDEWALKS, SLABS AND PCC DRIVEWAY PAVEMENT
 - CONCRETE SIDEWALKS, ISLANDS AND OTHER SLABS SHALL BE IN ACCORDANCE WITH IDOT STD. SPEC. UNLESS OTHERWISE SHOWN. LOCATED SIDEWALK CONTRACTION JOINTS AT 5 FT ON CENTER AND EXPANSIONS AT 100 FT ON CENTER, UNLESS OTHERWISE SHOWN, LOCATE CONTRACTION JOINTS IN LARGER SLABS AT 15 FT INTERVALS IN EACH DIRECTION, REINFORCED WITH LUBRICATED SMOOTH DOWEL BARS (3/4 IN. DIAMETER, 18 INCH LENGTH, AT 12 IN. CENTERS.)
 - CONCRETE WALKS CROSSING THROUGH ENTRANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL SHOWN BELOW. MONOLITHICALLY CONSTRUCTED SIDEWALKS WILL NOT BE ALLOWED.
 - DOWEL BARS SHALL BE USED WHEN PORTLAND CEMENT CONCRETE DRIVEWAYS ARE ADJACENT TO ANY EXISTING CONCRETE. THE DOWEL BARS SHALL BE 2 FEET IN LENGTH AND SHALL BE PLACED ON 2 FOOT CENTERS. COST OF BARS SHALL BE INCLUDED IN PRICE OF DRIVEWAYS AND NOT PAID FOR SEPERATELY.
- EXISTING ROAD SIGNS THAT CONFLICT WITH STAGE CONSTRUCTION TRAFFIC PATTERNS SHALL BE COVERED OR REMOVED UNTIL FINAL PATTERNS ARE RE-ESTABLISHED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITIES DURING AND UNTIL COMPLETION OF THE PROJECT. UTILITIES SHOWN ON THE PLANS WERE LOCATED IN THE FIELD AND/OR LOCATED FROM ARCHIVAL DATA. THESE LOCATIONS ARE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS IN THE FIELD. (J.U.L.I.E. 1-800-892-0123)
- ALL WORK SHALL CONFORM TO IDOT CONSTRUCTION STANDARDS, ILLINOIS ACCESSIBILITY CODE AND PROWAG.

LEGEND

○	IRON PIN FOUND
○ 1/4	1/4" IRON PIN FOUND
○ IP	IRON PIPE FOUND
○ N&W	NAIL & WASHER FOUND
○ N	NAIL FOUND
○ PK	PK NAIL FOUND
○ RR	RAILROAD SPIKE FOUND
○ T	"T" FENCE POST FOUND
○ X	CHISELED "X" IN CONCRETE FOUND
○ DH	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)
⊕	STREET & SIDEWALK LIGHT POLE (PROPOSED)
□ E	ELECTRIC PEDESTAL
— DHE —	OVERHEAD ELECTRIC (EXISTING)
— E —	UNDERGROUND ELECTRIC (EXISTING)
— E —	UNDERGROUND ELECTRIC (PROPOSED)
LS	LANDSCAPING
⊕	FENCE POST
— * —	FENCE



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 P.O. BOX 687
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GENERAL NOTES
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Title SH4.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	ITEP 80% / LOCAL 20%	ITEP 50% / LOCAL 50%
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	22	22	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	210	210	
28000510	INLET FILTERS	EACH	11	11	
35301100	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	167	167	
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	10	10	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100	
40600515	LEVELING BINDER (HAND METHOD), N30	TON	11	11	
42001300	PROTECTIVE COAT	SQ YD	5,223	5,223	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	13,913	13,913	
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	232	232	
42400800	DETECTABLE WARNINGS	SQ FT	285	285	
44000100	PAVEMENT REMOVAL	SQ YD	399	399	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	427	427	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	670	670	
44000600	SIDEWALK REMOVAL	SQ FT	23,238	23,238	
50901760	PIPE HANDRAIL	FOOT	204	204	
55080050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	59	59	
55100500	STORM SEWER REMOVAL 12"	FOOT	4	4	
56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	23	23	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1	
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	1	1	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2	
60500060	REMOVING INLETS	EACH	1	1	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,455	1,455	
61139900	STORM SEWERS, (SPECIAL), 6"	FOOT	10	10	
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	7	7	
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	
66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
80400100	ELECTRIC SERVICE INSTALLATION	EACH	9		9
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	99		99
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	447		447
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,251		1,251
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	72		72

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	ITEP 80% / LOCAL 20%	ITEP 50% / LOCAL 50%
81400100	HANDHOLE	EACH	16		16
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA.POLYETHYLENE	FOOT	326		326
81603020	UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	37		37
81603034	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2,445		2,445
81603045	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,445		2,445
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	160		160
87301115	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 2C	FOOT	147		147
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	4		4
X0323389	STORM SEWER CONNECTION	EACH	2	2	
X0323859	DOWNSPOUT CONNECTION	EACH	1	1	
X0327018	DECORATIVE SIGN POST	EACH	8	8	
X0327037	SPECIAL GRATE NO. 1	EACH	7	7	
X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	2	2	
X4230710	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL	SQ YD	135	135	
X4230800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	SQ YD	291	291	
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	1,406	1,406	
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL	SQ FT	757	757	
X4240460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL	SQ FT	1,281	1,281	
X6060505	CONCRETE CURB (SPECIAL)	FOOT	70	70	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X8140105	HANDHOLE (SPECIAL)	EACH	9		9
X8140115	HANDHOLE TO BE ADJUSTED	EACH	1		1
X8170001	ELECTRIC CABLE, 600V (XLP - TYPE USE) 2-1/C 350MCM AND 1-1/C 4/0, ALUMINIUM, TRIPLEXED UNDERGROUND	FOOT	2,514		2,514
X8300001	LIGHT POLE, SPECIAL	EACH	32		32
XX003121	TRENCH DRAIN, SPECIAL	FOOT	46	46	
XX008216	PCC SIDEWALK, TEXTURED, COLORED, 4 INCH	SQ FT	9,070	9,070	
XX008259	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	SQ FT	116	116	
XX008662	REMOVE EXISTING LIGHT POLE	EACH	26	26	

Δ SPECIALTY ITEMS



SUMMARY OF QUANTITIES
SIDEWALK ENHANCEMENT
CITY OF NEWTON
SECTION 13-00047-00-SW
JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Quantities.dwg
Plot date: 11/19/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047 00-SW	JASPER	43	5
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772

LOCATION	PC CONC SIDEWALK 4	PC CONC SIDEWALK 8	PCC SIDEWALK TEX C 4	STAMP COL PCC SDWLK 8	PC CONC SIDEWALK 4 SP	PC CONC SIDEWALK 6 SP	PC CONC SIDEWALK 8 SP	DETECTABLE WARNINGS	PCC DRIVEWAY PVT 6 SP	PCC DRIVEWAY PVT 8 SP	PIPE HANDRAIL	SPECIAL GRATE NO. 1	COMB CC&G TB6.12	CONC CURB SPL	HES PCC BSE CSE 8	
	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	FOOT	EACH	FOOT	FOOT	SQ YD	
ILL ROUTE 130																
LT 0+17.9 - 0+40.6																10
LT 0+20.2 - 0+40.6													40			
LT 0+20.21 - 0+40.6							21									
LT 0+20.7 - 0+44.7		232														
LT 0+20.7 - 0+24.2				31												
LT 0+29.5 - 0+44.7														25		
LT 0+30.17 - 0+44.7				85												
LT 0+44.7 - 1+90.9	905		1,090													
LT 1+09.4												1				
LT 1+22.3												1				
LT 1+37.3												1				
LT 1+85.9 - 2+07.5													22		3	
LT 1+86.3 - 2+06.7										14						
LT 1+90.9 - 2+02.2						72										
LT 2+01.8 - 3+69.8	1,032															
LT 2+02.1 - 3+66.8			1,321													
LT 2+11.6												1				
LT 2+17.5												1				
LT 2+21.4 - 2+23.4													2		1	
LT 2+62.0 - 2+64.0													2		1	
LT 2+79.5												1				
LT 3+16.9												1				
LT 3+20.1 - 3+22.1													2		1	
LT 3+48.4 - 3+63.5														25		
LT 3+65.7 - 3+69.8													10			
LT 3+66.4 - 3+71.8																1
LT 3+64.84 - 3+69.2							11									
VAN BUREN (LOCAL)																
LT 100+24.8 - 100+31.9																1
LT 100+25.2 - 100+31.8													7			
LT 100+24.8 - 101+31.3	554															
LT 100+25.7 - 100+30.7							10									
LT 100+31.2 - 101+29.9			339													
LT 101+29.1 - 101+63.6										13						
LT 101+30.3 - 101+62.5						152										
LT 101+61.4 - 102+42.2	402															
LT 101+62.8 - 102+41.7			297													
LT 102+40.6 - 102+88.3										30						
LT 102+40.4 - 102+84.6						165										
LT 102+82.1 - 103+61.0	412															
LT 102+84.6 - 103+57.2			169													
LT 103+15.9 - 103+37.8											22					
LT 103+16.9 - 103+36.8					99											
LT 103+33.8 - 103+35.8							10									
LT 103+34.8 - 103+37.8											3					
LT 103+47.0 - 104+06.8													60		7	
LT 103+54.2 - 103+61.6													12			
LT 103+55.8 - 103+57.8							10									
LT 103+54.8 - 103+94.7										30						
LT 103+88.3 - 103+90.3							10									
LT 103+59.2 - 103+86.7						125										
LT 103+86.5 - 103+95.5													18			
LT 103+87.0 - 104+45.7	324															
LT 104+44.8 - 104+57.6													13		2	
LT 104+45.6 - 104+57.6						59				19						
LT 104+57.6 - 105+00.1	215															
LT 104+95.5 - 105+19.6									28				24		3	
LT 105+00.1 - 105+15.1						75										
LT 105+15.1 - 105+61.9	254															
LT 105+52.1 - 105+78.2													26		3	
LT 105+57.3 - 105+78.2									23							
LT 105+61.9 - 105+73.9					60											
LT 105+73.9 - 106+26.9	280															
LT 106+25.2 - 107+03.3													79		9	
LT 106+25.4 - 106+48.0									26							
LT 106+29.9 - 106+43.9						70										
LT 106+43.9 - 106+54.4	63															
SECTION TOTAL	4,441	232	3,216	116	99	205	573	72	77	106	25	7	317	50	42	

MILANO & GRUNLOH ENGINEERS, LLC
 114 WEST WASHINGTON
 P.O. BOX 897
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SCHEDULE OF QUANTITIES
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Quantities.dwg
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047 00-SW	JASPER	43	6
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772

LOCATION	PC CONC SIDEWALK 4	PC CONC SIDEWALK 8	PCC SIDEWALK TEX C 4	STAMP COL PCC SDWLK 8	PC CONC SIDEWALK 4 SP	PC CONC SIDEWALK 6 SP	PC CONC SIDEWALK 8 SP	DETECTABLE WARNINGS	PCC DRIVEWAY PVT 6 SP	PCC DRIVEWAY PVT 8 SP	PIPE HANDRAIL	SPECIAL GRATE NO. 1	COMB CC&G TB6.12	CONC CURB SPL	HES PCC BSE CSE 8	
	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	FOOT	EACH	FOOT	FOOT	SQ YD	
VAN BUREN (LOCAL) cont.																
LT	106+51.9 - 106+72.5								23							
LT	106+56.4 - 106+68.4					60										
LT	106+68.4 - 106+85.9	87														
LT	106+81.6 - 107+01.9								22							
LT	106+85.9 - 106+97.9					60										
LT	106+97.9 - 107+55.3	288														
LT	107+50.9 - 107+52.9							10								
LT	107+73.9 - 109+52.8	905														
LT	107+74.2 - 107+76.2							10								
LT	109+52.8 - 109+67.4					73										
LT	109+67.4 - 110+46.3	400														
LT	110+46.3 - 110+57.2					55										
LT	110+57.2 - 111+35.0	389														
LT	111+29.5 - 111+64.5												36		4	
LT	111+32.6 - 111+60.6								26							
LT	111+33.0 - 111+35.0							10								
LT	111+35.1 - 111+58.2						162									
LT	111+58.2 - 111+60.2							10								
LT	111+58.2 - 112+28.0	349														
LT	112+17.5 - 112+53.5												40		4	
LT	112+22.0 - 112+49.0								25							
LT	112+28.0 - 112+43.0					75										
LT	112+43.0 - 113+06.8	318														
LT	113+06.5 - 113+19.1					60										
LT	113+17.5 - 113+40.5	103														
LT	113+34.8 - 113+36.8							10								
WATER STREET																
LT	49+94.9 - 50+05.0					82										
LT	50+05.0 - 50+28.0	116														
LT	50+52.0 - 51+55.0	533														
LT	51+50.0 - 51+55.0							10								
ILL ROUTE 33																
LT	32+40.3 - 32+63.9												38		6	
LT	32+40.3 - 32+63.4	198														
LT	32+45.3 - 32+51.5			25												
LT	32+52.0 - 32+56.0							8								
LT	32+56.0 - 32+63.4			33												
LT	32+56.5 - 32+60.0			5												
LT	32+58.5 - 32+60.5							10								
LT	32+94.94 - 33+48.7												203		23	
LT	32+97.4 - 33+05.3			82												
LT	32+97.5 - 33+10.6	298														
LT	32+99.4 - 33+01.4							10								
LT	32+99.9 - 34+72.0			927												
LT	33+04.9 - 33+74.2					496										
LT	33+05.1 - 33+95.2										114					
LT	34+61.9 - 35+35.7									67						
LT	34+72.0 - 35+24.6					264										
LT	35+24.6 - 35+63.0	192		255												
LT	35+52.6 - 36+11.7									54						
LT	35+63.0 - 36+04.5										207					
LT	36+04.5 - 36+46.3	267														
LT	36+04.5 - 36+26.7			169												
LT	36+26.0 - 36+33.2											7		1		
LT	36+27.2 - 36+32.2							10								
LT	36+32.7 - 36+53.7			156												
SECTION TOTAL	4,443	0	1,652	0	496	390	708	98	45	172	114	0	324	0	38	

EXISTING LOCATION		DESCRIPTION	PROPOSED LOCATION DECORATIVE SIGN POST		PROPOSED LOCATION STREET LIGHT POLE		POLE #	MOUNTING HEIGHT FEET
STATION	OFFSET		STATION	OFFSET	STATION	OFFSET		
0+51.5	-18.4	SOUTH (24X12 - OVER), ILLINOIS 130 (24X28 - OVER) & ARROW (21X15 - UNDER), NO PARKING YELLOW ZONE (12X18 - UNDER)			0+49.4	-19.73	7	7
1+48.0	-19.1	2 HOUR PARKING (12X18)			1+46.3	-19.29	6	7
2+44.9	-18.9	ILLINOIS 130 (12X28 - OVER) ARROW (15X21 - UNDER)			2+43.3	-18.82	1	7
3+41.2	-18.9	NORTH (24X12), ILLINOIS 130 (28X24), EAST (24X12), ILLINOIS 33 (24X24), WEST (24X12), ILLINOIS 33 (24X24) & ARROWS (21X15), NO PARKING HERE TO CORNER (12X18)			3+40.3	-18.36	2	7
5+61.8	-31.5	JCT (20X15) ILLINOIS 33 (24X24)			5+60.5	-31.61	4	7
100+45.8	-22.0	NO PARKING YELLOW ZONE (12X18)			100+42.6	-22.13	8	7
103+55.4	-21.8	STOP SIGN (24X24)	103+58.8	-29.56				7
107+43.6	-12.4	NO PARKING (12X18)			107+42.6	-13.25	13	7
31+53.3	-24.2	SCHOOL CROSSING (24X24) AHEAD (24X12)			31+54.9	-23.15	25	7
32+54.4	-27.1	JACKSON ST (UNDER) JOURDAN ST (OVER)			34+47.2	-23.21	19	7
35+44.0	-19.6	WEST (24X12), ILLINOIS 33 (24X24)	35+46.0	-18.40				7
36+22.6	-19.0	NO PARKING THIS SIDE (12X18)			36+16.8	-17.85	20	7
301+45.8	-18.2	STOP SIGN (24X24), 3 WAY (12X6)			301+34.8	-19.50	28	7
302+67.1	-17.5	HANDICAP PARKING (12X18) & \$250 FINE (12X6)	302+67.0	-19.42				7
400+71.4	23.9	STOP SIGN (24X24), 3 WAY (12X6)	400+74.2	24.80				7
401+27.0	38.8	STOP SIGN (24X24), 3 WAY (12X6), NO BICYCLES ... (18X24)						7
401+61.1	24.1	WASHINGTON ST (UNDER) JACKSON ST (OVER) MISS D AVE (OVER)	401+28.7	37.00				POST TOP
403+31.3	24.8	HANDICAP PARKING (12X18) & \$250 FINE (12X6)	403+31.2	25.00				7
404+34.9	24.7	NO PARKING HERE TO CORNER (12X18)	404+35.0	25.00				7
404+47.6	24.8	WASHINGTON ST (UNDER) VAN BUREN (OVER) MISS D AVE (OVER)						POST TOP
404+71.4	25.2	STOP SIGN (36X36) & CROSS TRAFFIC DOES NOT STOP (36X18)	404+69.3	26.15				7
Total (EACH)			8					

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SCHEDULE OF QUANTITIES
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\1313210\dwg\Quantities.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047-00-SW	JASPER	43	7
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772

LOCATION	PC CONC SIDEWALK 4	PC CONC SIDEWALK 8	PCC SIDEWALK TEX C 4	STAMP COL PCC SDWLK 8	PC CONC SIDEWALK 4 SP	PC CONC SIDEWALK 6 SP	PC CONC SIDEWALK 8 SP	DETECTABLE WARNINGS	PCC DRIVEWAY PVT 6 SP	PCC DRIVEWAY PVT 8 SP	PIPE HANDRAIL	SPECIAL GRATE NO. 1	COMB CC&G TB6.12	CONC CURB SPL	HES PCC BSE CSE 8	
	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	FOOT	EACH	FOOT	FOOT	SQ YD	
JACKSON STREET																
LT	300+60.5 - 300+85.2	245														
LT	300+70.4 - 300+85.2												31			4
LT	300+71.8 - 300+76.8						10									
LT	300+77.3 - 300+82.9			15												
LT	300+80.9 - 300+84.7			17												
LT	300+81.3 - 300+83.3						10									
LT	301+24.4 - 304+78.0												393			42
LT	301+24.8 - 301+45.5										19					
LT	301+24.8 - 301+30.6						15									
LT	301+24.8 - 301+26.7			29												
LT	301+24.8 - 301+31.6	85														
LT	301+24.9 - 302+98.6	1,055														
LT	301+26.6 - 301+43.8				90											
LT	301+29.8 - 302+98.5			1,167												
LT	302+93.7 - 303+14.3									13						
LT	302+96.6 - 303+09.9					69										
LT	303+09.9 - 304+77.5	1,125														
LT	303+09.9 - 304+52.7			1,009												
LT	304+46.5 - 304+67.9										22					
LT	304+47.5 - 304+66.9				103											
LT	304+53.2 - 304+58.2						10									
LT	304+58.7 - 304+70.0			27												
LT	304+63.9 - 304+65.9						10									
LT	304+72.6 - 304+65.9						10									
WASHINGTON STREET																
RT	401+27.4 - 404+80.5												390			41
RT	401+27.8 - 401+29.8			17												
RT	401+27.9 - 401+29.9						10									
RT	401+27.9 - 401+29.8			8												
RT	401+27.9 - 402+96.2	1,250														
RT	401+30.3 - 401+35.3						10									
RT	401+35.8 - 402+96.2			1,002												
RT	402+49.4 - 402+75.8				194											
RT	402+91.9 - 403+12.1							13								
RT	402+96.2 - 403+07.8					93										
RT	403+07.8 - 404+80.0	1,269														
RT	403+07.8 - 404+61.3			845												
RT	403+49.4 - 402+75.8				309											
RT	404+41.8 - 404+60.8				115											
RT	404+41.8 - 404+61.8									20						
RT	404+57.2 - 404+61.8									4						
RT	404+57.8 - 404+59.8						10									
RT	404+60.75 - 404+70.10													20		
RT	404+61.8 - 404+66.8						10									
RT	404+67.4 - 404+78.5			44												
RT	404+75.1 - 404+80.0			22												
RT	404+76.7 - 404+78.7						10									
SECTION TOTAL	5,029	0	4,202	0	811	162	0	115	13	13	65	0	814	20		87
PROJECT TOTAL	13,913	232	9,070	116	1,406	757	1,281	285	135	291	204	7	1,455	70		167

STATION	OFFSET	STATION	OFFSET	PEDESTRIAN PUSH-BUTTON POST, TYPE I (EACH)	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 2C (FOOT)	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA. (FOOT)
ILL ROUTE 130						
0+30.67	-24.5			1		
0+30.67	-24.5	0+35.19	-21.5		24	12
ILL ROUTE 33 (JOURDAN ST)						
32+98.99	-31.9			1		
32+98.99	-31.9	33+21.13	-24.5		35	23
36+25.20	-22.8	36+51.8	-31.6		46	34
36+51.8	-31.6			1		
JACKSON STREET						
304+59.19	-20.5	304+71.83	-32.3		42	30
304+71.83	-32.3					
TOTALS				4	147	99

STATION	OFFSET	INLET FILTERS (EACH)
ILL ROUTE 130		
3+65.3	-22.1	1
VAN BUREN (LOCAL)		
111+10.8	-11.3	1
111+24.4	-11.3	1
111+32.2	-31	1
113+09.1	-13.6	1
ILL ROUTE 33		
32+49.9	-20.5	1
33+06.6	-20.5	1
33+09.6	-23.7	1
JACKSON STREET		
304+72.2	-22.3	1
305+60.8	20.6	1
WASHINGTON STREET		
404+77.3	28.8	1
TOTALS		11

LOCATION	LEVELING BINDER (HAND METHOD), N30 TON
LT	107+53.4 - 107+74.2 4
LT	51+55.0 - 51+40.0 7
TOTALS	11

STATION	STATION	REMOVING INLETS (EACH)	STORM SEWER REMOVAL 12" (EACH)	TRENCH DRAIN, SPECIAL (FOOT)	STORM SEWER CONNECTION (EACH)	DOWNSPOUT CONNECTION (EACH)	INLETS, TYPE A, TYPE 8 GRATE (EACH)	INLETS, TYPE A, TYPE 11 FRAME AND GRATE (EACH)	INLETS, TYPE B, TYPE 11 FRAME AND GRATE (EACH)	STORM SEWERS, CLASS B, TYPE 12" (FOOT)	STORM SEWERS, SPECIAL 6" (FOOT)
ILL ROUTE 130											
2+22.5, LT				15							
2+62.6, LT				15							
3+21.2, LT				16							
3+61.5, -31.2						1					
3+61.5, -31.2	3+65.3, -22.1										10
3+65.3, -22.1					1						
VAN BUREN (LOCAL)											
111+24.4, -11.3					1						
111+24.4, -11.3	111+32.2, -31.0									21	
111+32.2, -31.0							1				
JACKSON STREET											
305+20.5, 24.6								1			
305+20.5, 24.6	305+60.8, 20.6									38	
305+23.6, 27.6		1									
305+23.6, 27.6	305+20.5, 24.6		4								
305+60.8, 20.6								1			
TOTAL		1	4	46	2	1	1	1	1	59	10

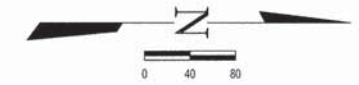
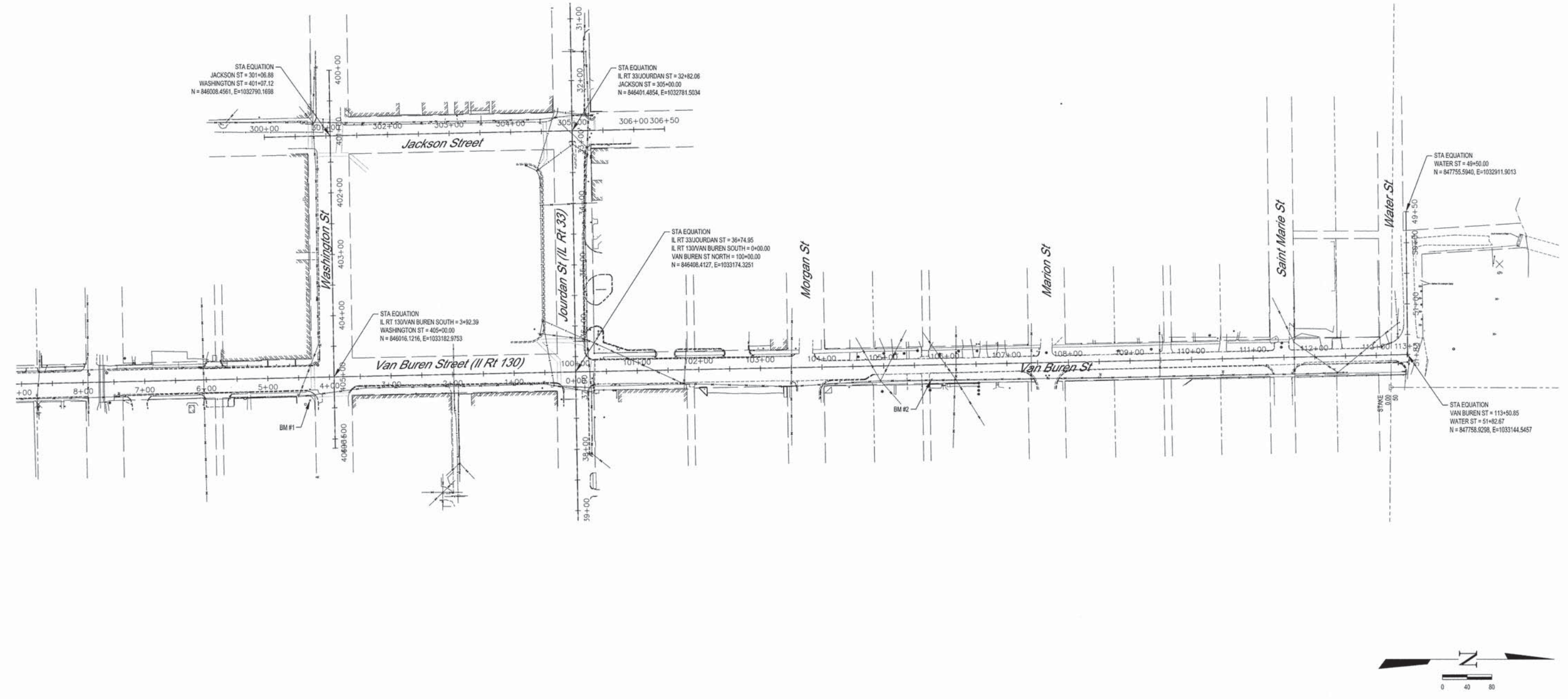
MILANO & GRUNLOH ENGINEERS, LLC
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SCHEDULE OF QUANTITIES
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Quantities.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772



PROJECT BENCHMARKS

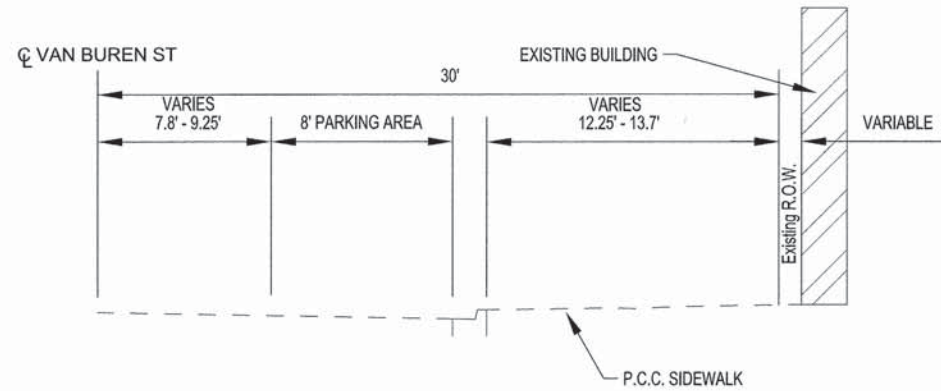
- BM #1 - TOP CAP BOLT ON FH AT BACK/OPEN ARROW AT SE QUAD OF VAN BUREN AND WASHINGTON ST. ELEV. = 535.14
- BM #2 - SOUTH CAP BOLT ON FH ON EAST SIDE OF VAN BUREN ST APPROX. 180 FT NORTH OF INTERSECTION OF VAN BUREN AND MORGAN ST. ELEV. = 520.90

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 Fax #: (217) 342-3435
 Web Address: www.mgeengineers.com
 Design Firm #: 184-003108

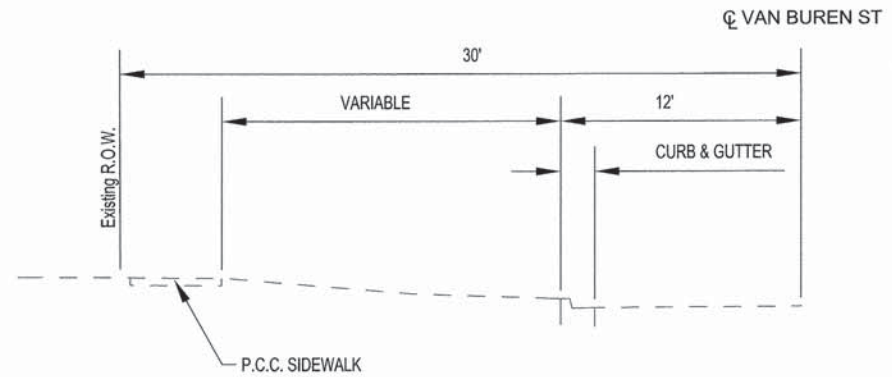
CONTROL AND BENCHMARKS
 CITY OF NEWTON, ILLINOIS
 SECTION 13-0047-00-SW
 JASPER COUNTY, ILLINOIS

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 Plot date: 11/10/15

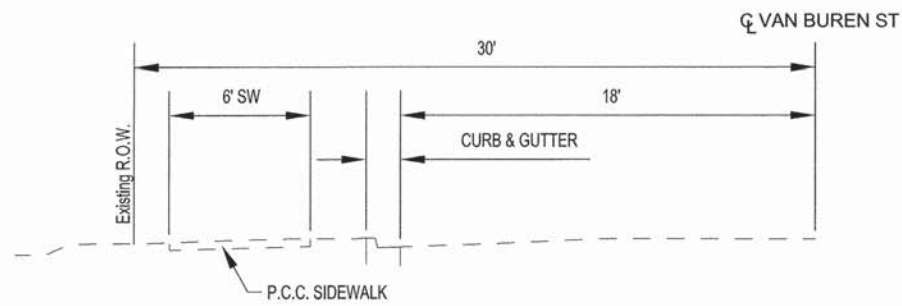
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	9
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-	CONTRACT # 95772	



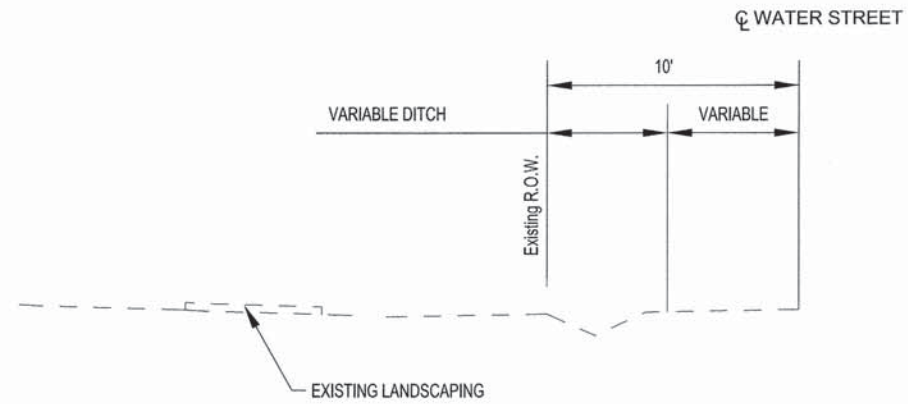
VAN BUREN STREET (IL RT 130) EXISTING SECTION
 WASHINGTON STREET TO JOURDAN ST (IL ROUTE 33)
 STATION 0+19.0 TO STATION 3+70.4



VAN BUREN STREET EXISTING SECTION
 MORGAN STREET TO WATER STREET
 STATION 103+63.6 TO STATION 113+40.46



VAN BUREN STREET EXISTING SECTION
 JOURDAN STREET (IL RT 33) TO MORGAN STREET
 STATION 100+30.6 TO STATION 103+63.6



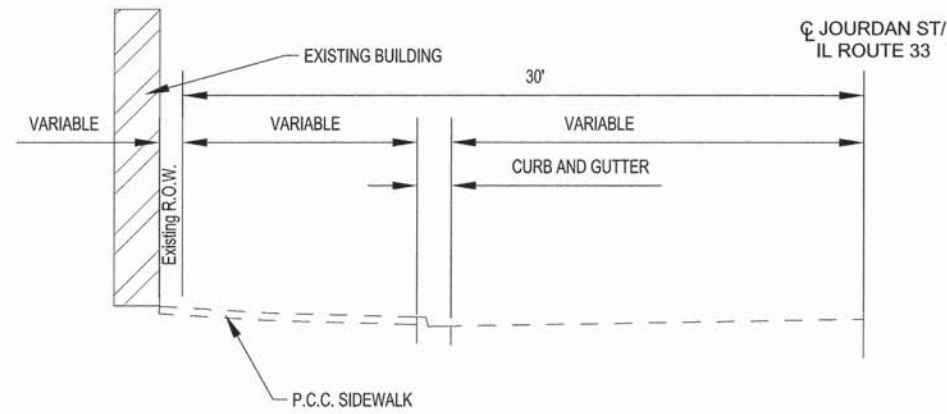
WATER STREET EXISTING SECTION
 WATER STREET TO VAN BUREN STREET
 STATION 49+94.5 TO STATION 51+82.7

MILANO & GRUNLOH ENGINEERS, LLC
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 Web Address: www.mgengineers.com
 Design Firm #: 194-02198

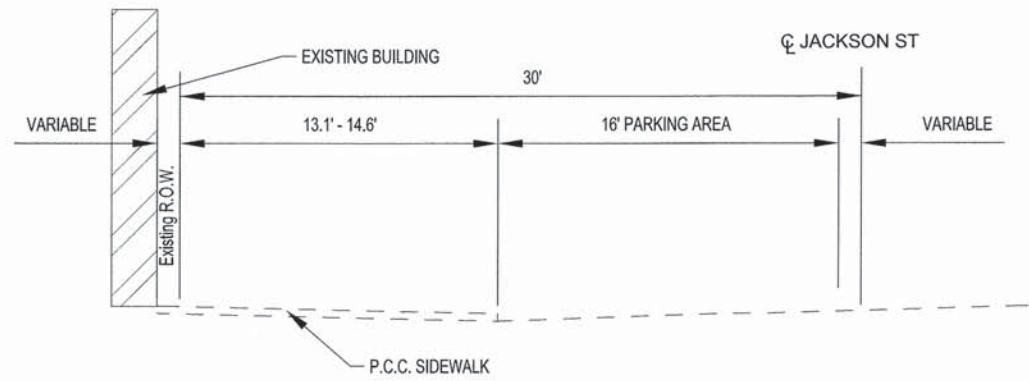
EXISTING TYPICAL SECTION
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Typical.dwg
 Plot date: 11/10/15

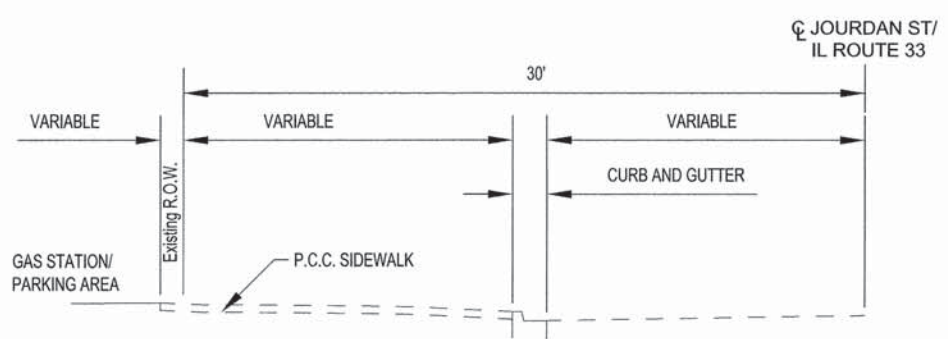
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	13-0047 00-SW	JASPER	43	10
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		
CONTRACT # 95772				



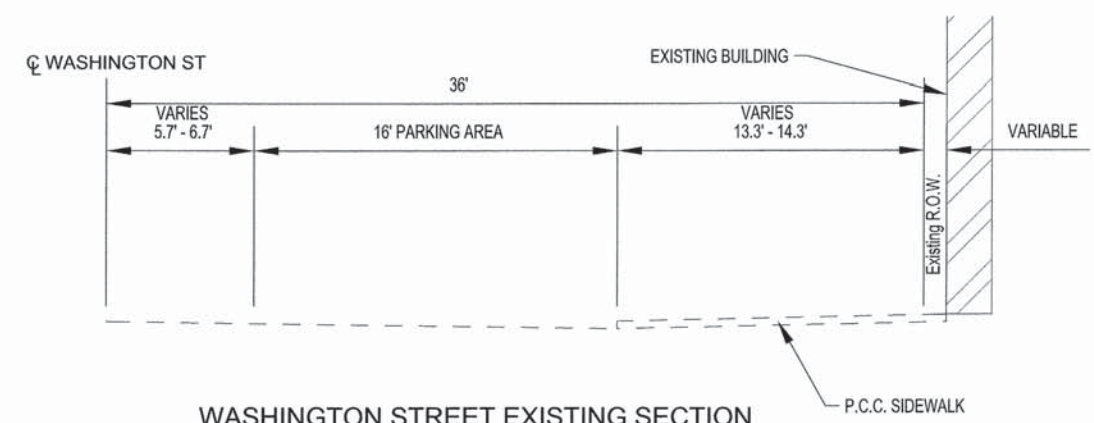
JOURDAN STREET (IL ROUTE 33) EXISTING SECTION
 JACKSON STREET TO VAN BUREN ST (IL ROUTE 130)
 STATION 32+95.9 TO STATION 33+95.8



JACKSON STREET EXISTING SECTION
 WASHINGTON STREET TO JOURDAN ST (IL ROUTE 33)
 STATION 301+24.2 TO STATION 304+78.7



JOURDAN STREET (IL ROUTE 33) EXISTING SECTION
 JACKSON STREET TO IL ROUTE 33
 STATION 33+95.8 TO STATION 36+56.4



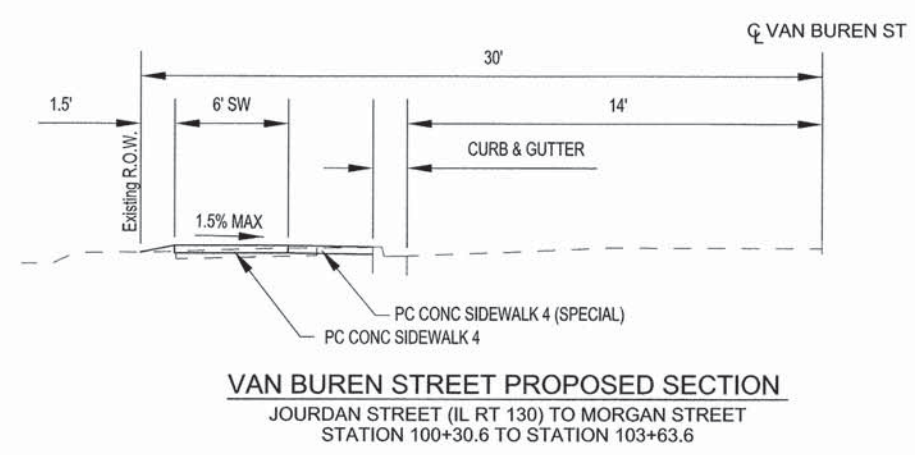
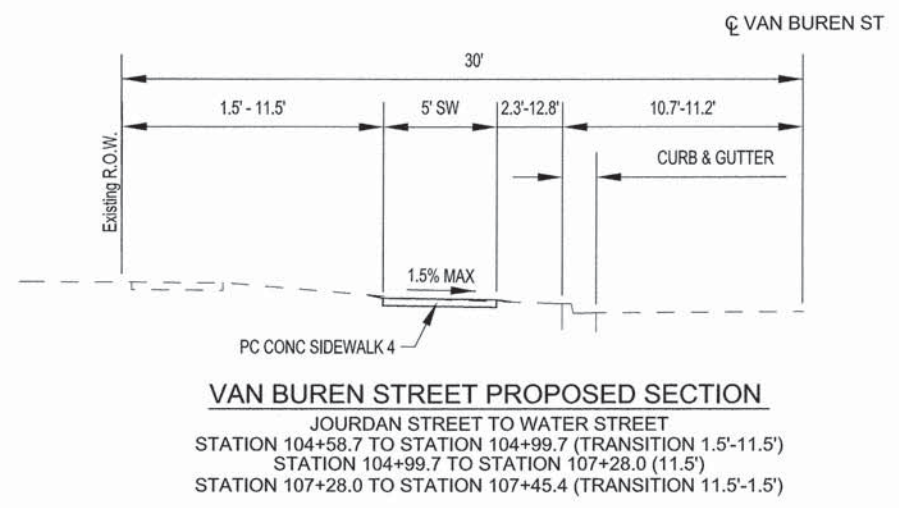
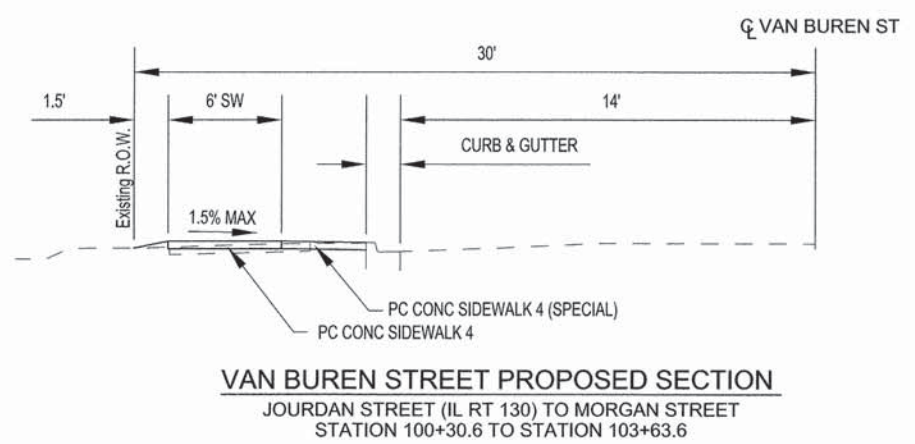
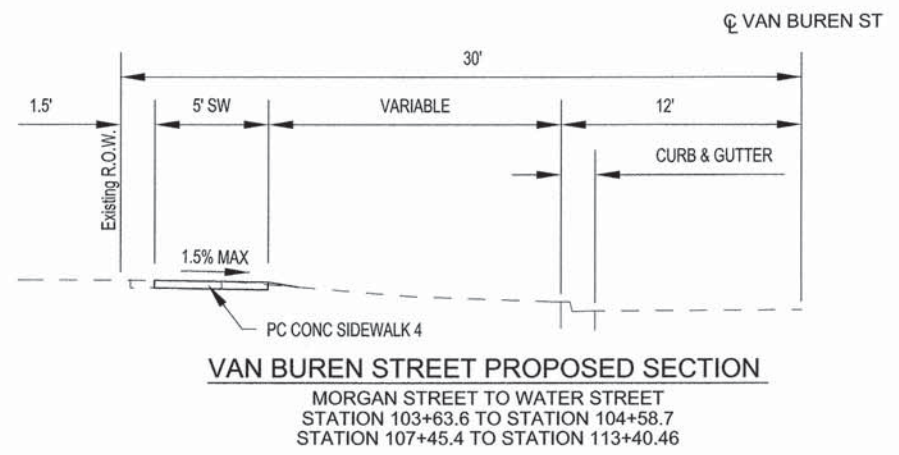
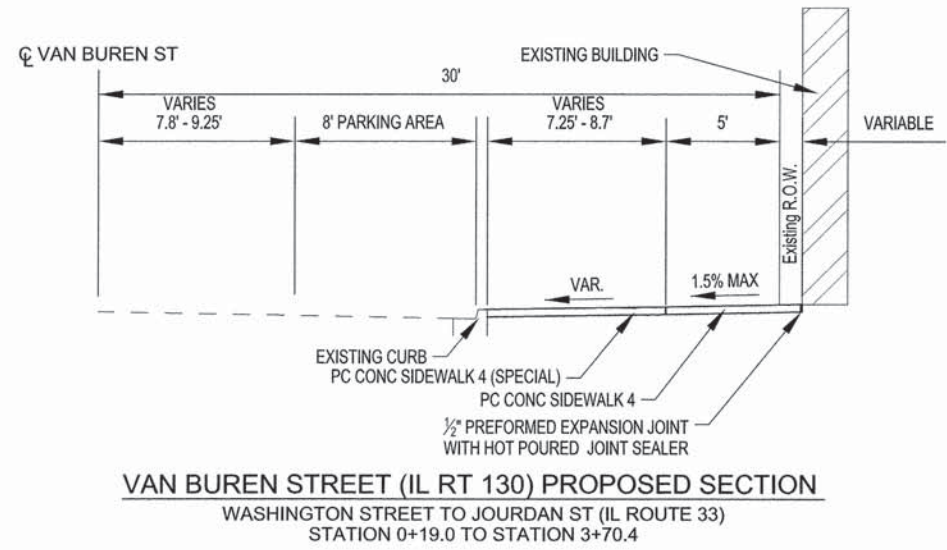
WASHINGTON STREET EXISTING SECTION
 JACKSON STREET TO IL ROUTE 130
 STATION 401+27.3 TO STATION 404+81.5

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 Fax #: (217) 342-9433
 Web Address: www.mgengineers.com
 Design Firm #: 184-003108

EXISTING TYPICAL SECTION
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-0047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Typical.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047 00-SW	JASPER	43	11
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		
CONTRACT # 95772				



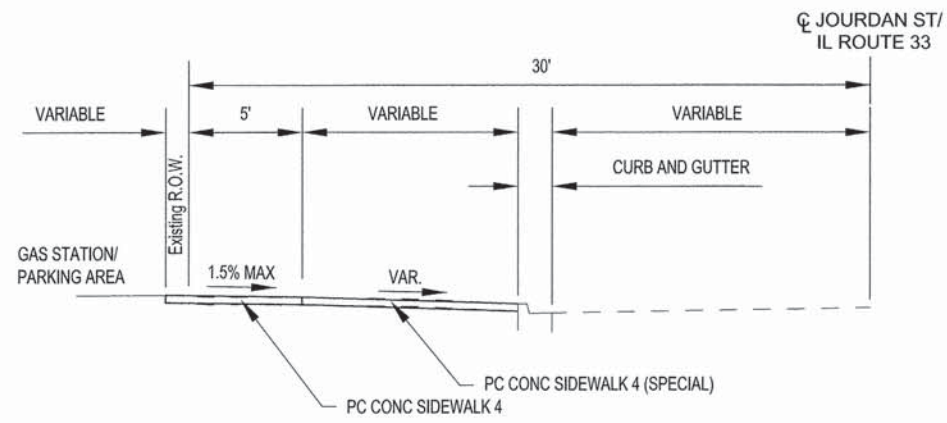
MILANO & GRUNLOH ENGINEERS, LLC
114 WEST WASHINGTON
P.O. BOX 687
EFFINGHAM, ILLINOIS 62401
Phone: (217) 347-7262
(800) 673-2714
Fax #: (217) 342-3433
Web Address: www.mgengineers.com
Design Firm #: 184-003108

PROPOSED TYPICAL SECTION
SIDEWALK ENHANCEMENT
CITY OF NEWTON
SECTION 13-00047-00-SW
JASPER COUNTY, ILLINOIS

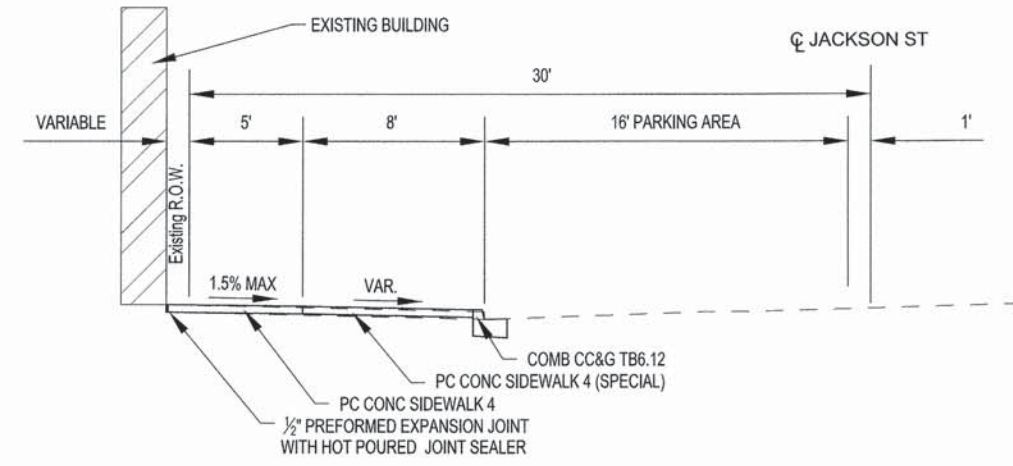
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

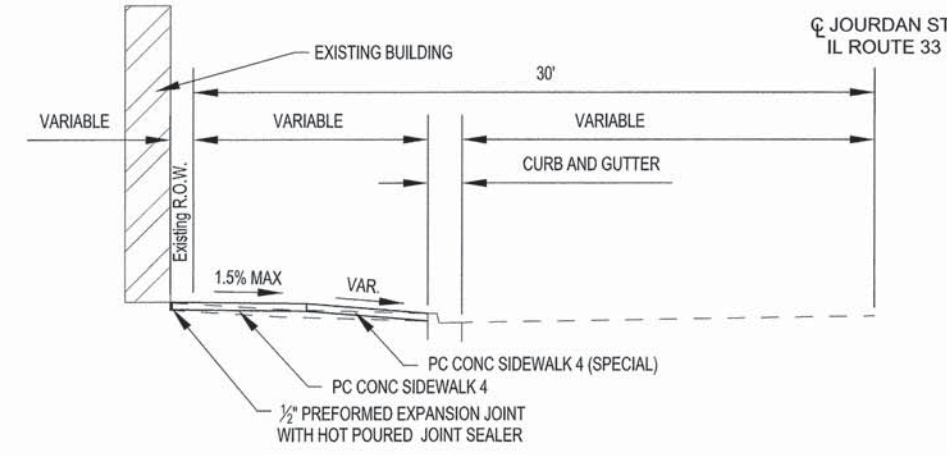
CONTRACT # 95772



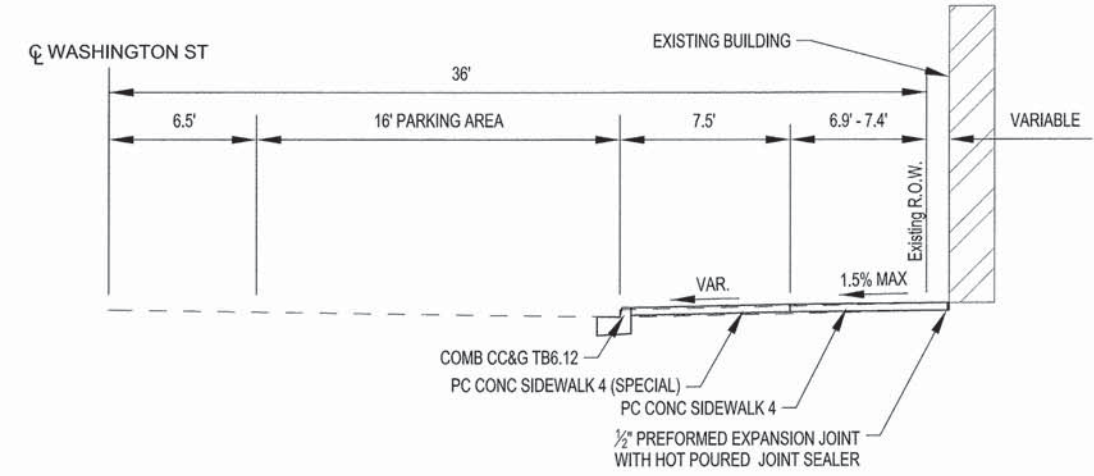
JOURDAN STREET (IL ROUTE 33) PROPOSED SECTION
 JACKSON STREET TO VAN BUREN ST (IL ROUTE 130)
 STATION 33+95.8 TO STATION 36+56.4



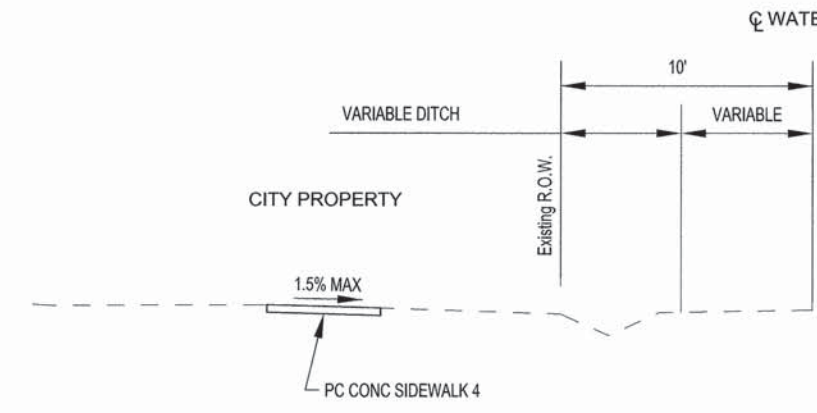
JACKSON STREET PROPOSED SECTION
 WASHINGTON STREET TO JOURDAN ST (IL ROUTE 33)
 STATION 301+24.2 TO STATION 304+78.7



JOURDAN STREET (IL ROUTE 33) PROPOSED SECTION
 JACKSON STREET TO VAN BUREN ST (IL ROUTE 130)
 STATION 32+95.9 TO STATION 33+95.8



WASHINGTON STREET PROPOSED SECTION
 JACKSON STREET TO IL ROUTE 130
 STATION 401+27.3 TO STATION 404+81.5



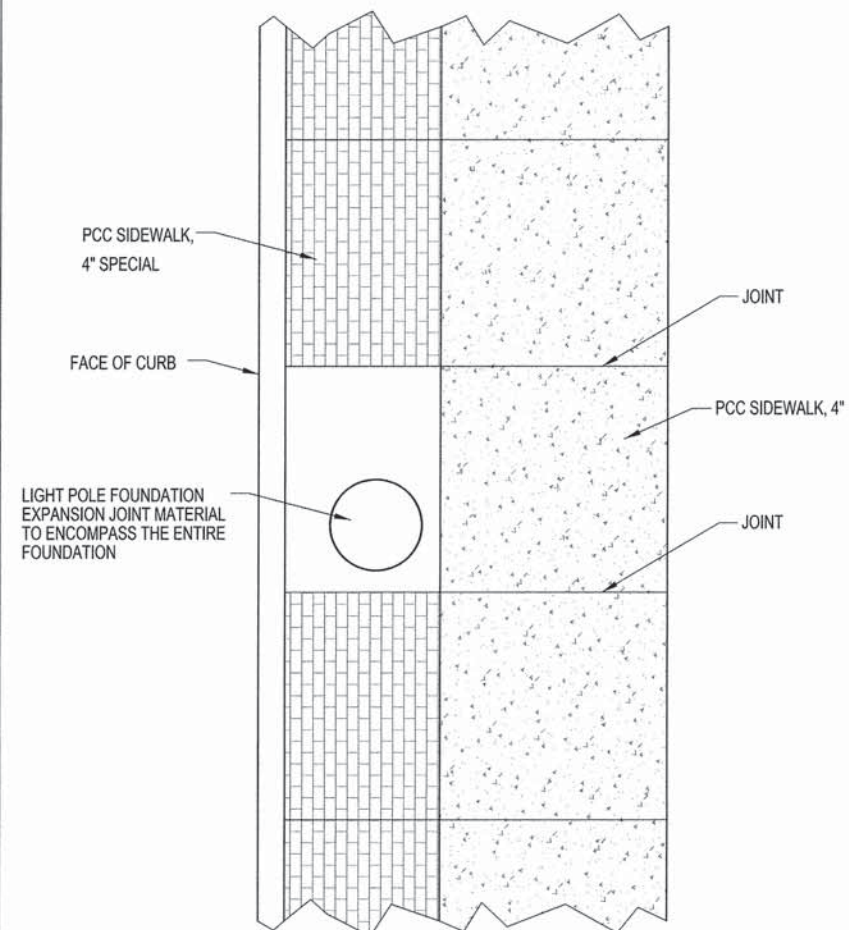
WATER STREET PROPOSED SECTION
 WATER STREET TO VAN BUREN STREET
 STATION 49+94.5 TO STATION 51+82.7

MILANO & GRUNLOH ENGINEERS, LLC
 114 WEST WASHINGTON
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 (800) 671-2714
 Fax #: (217) 342-3433
 Web Address: www.mgengineers.com
 Design Firm #: 184-003108

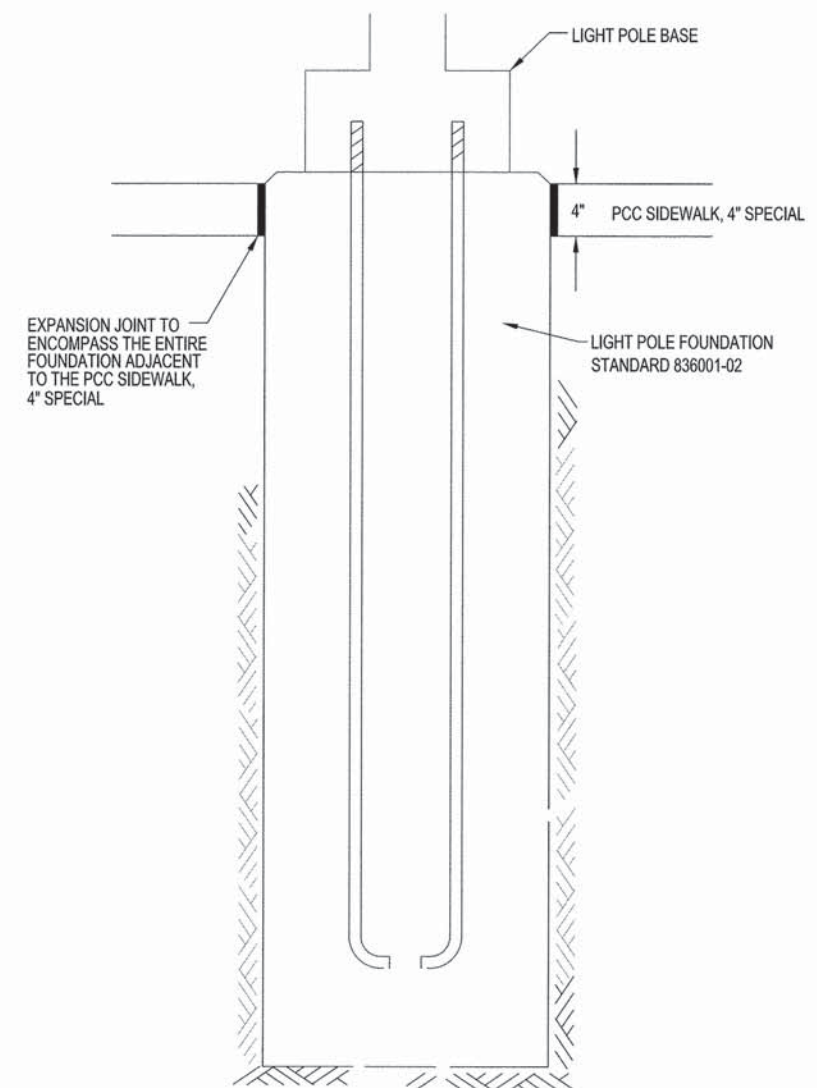
PROPOSED TYPICAL SECTION
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Typical.dwg
 Plot date: 11/10/15

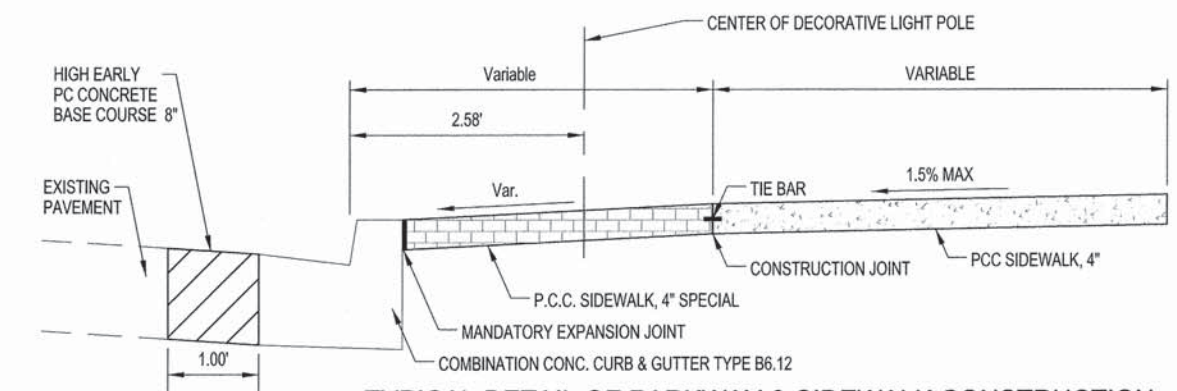
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	13
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
CONTRACT # 95772				



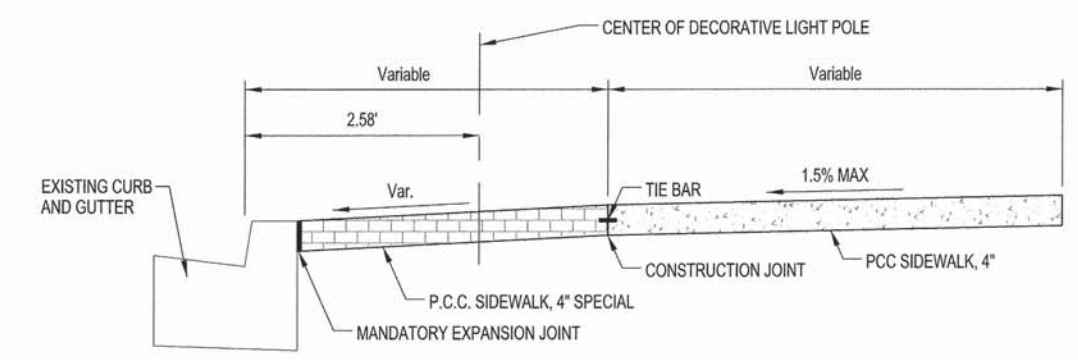
DETAIL OF BLOCK-OUT AT LIGHT POLE
 THE CONTRACTOR SHALL BLOCK OUT THE PCC SIDEWALK, 4" SPECIAL FOR EACH LIGHT POLE AS SHOWN IN THE ABOVE DETAIL AND SHALL POUR THE BLOCK OUT ONCE THE LIGHT POLE FOUNDATION IS COMPLETED.



LIGHT POLE FOUNDATION & MOUNTING DETAIL



TYPICAL DETAIL OF PARKWAY & SIDEWALK CONSTRUCTION
 JACKSON STREET
 WASHINGTON STREET

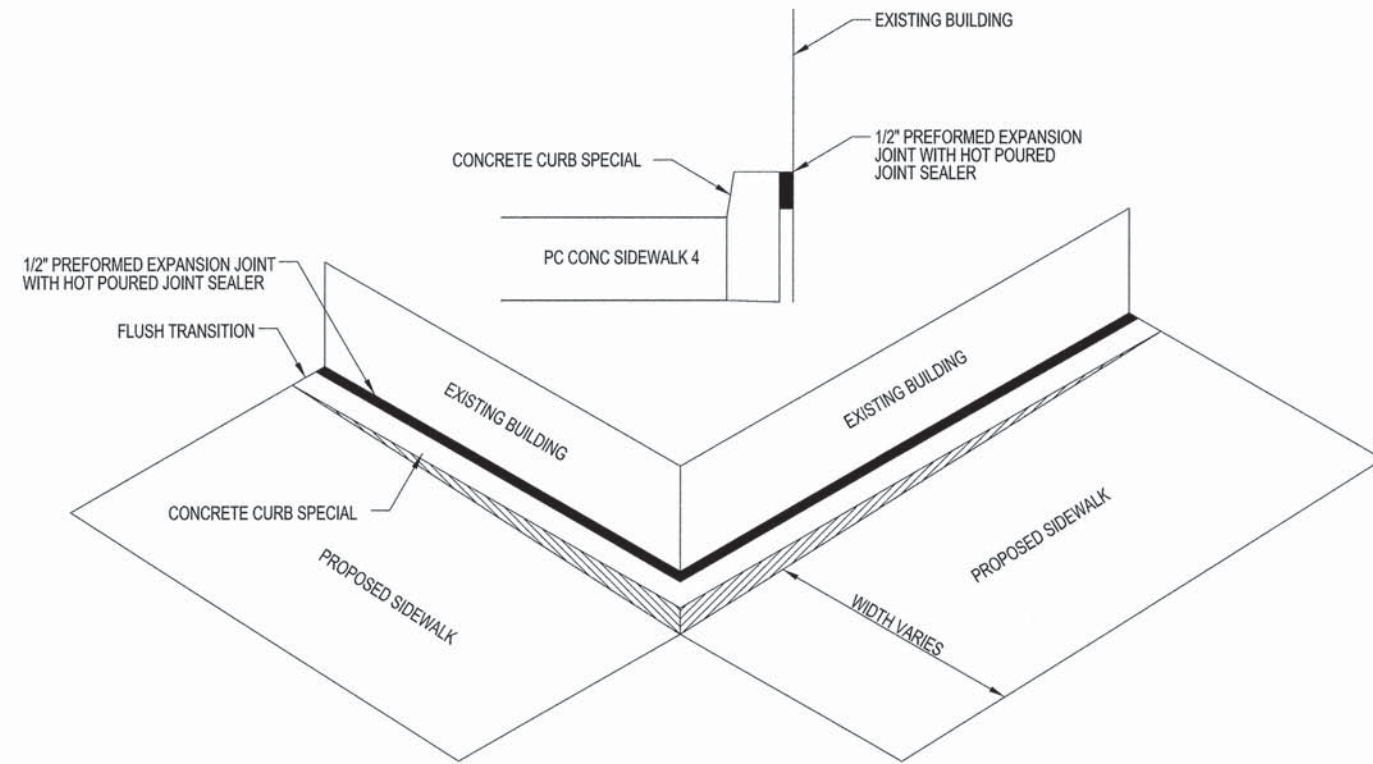


TYPICAL DETAIL OF PARKWAY & SIDEWALK CONSTRUCTION
 VAN BUREN STREET (ILL ROUTE 130)
 JOURDAN STREET (ILL ROUTE 33)

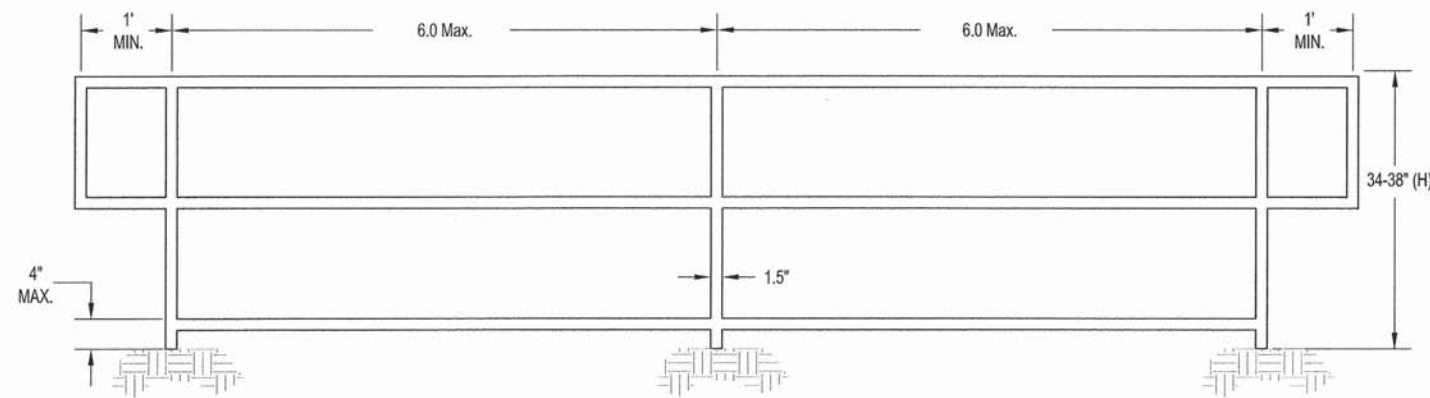
	MILANO & GRUNLOH ENGINEERS, LLC 114 WEST WASHINGTON P.O. BOX 997 EFFINGHAM, ILLINOIS 62401 Phone: (217) 347-7282 (800) 677-3714 Fax #: (217) 343-3433 Web Address: www.mgengineers.com Design Firm #: 184-003105	DETAIL SHEET SIDEWALK ENHANCEMENT CITY OF NEWTON SECTION 13-00047-00-SW JASPER COUNTY, ILLINOIS
	File name: S:\DWG\13\13210\dwg\Typical.dwg Plot date: 11/10/15	

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	14
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772

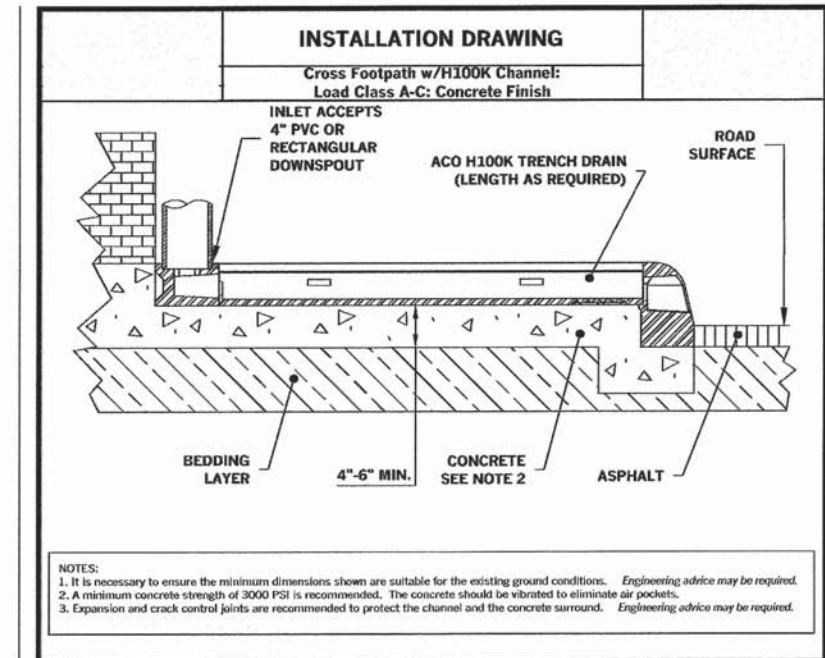


CONCRETE CURB (SPECIAL)
CHECK SIDEWALK PLAN FOR PROPOSED GRADES

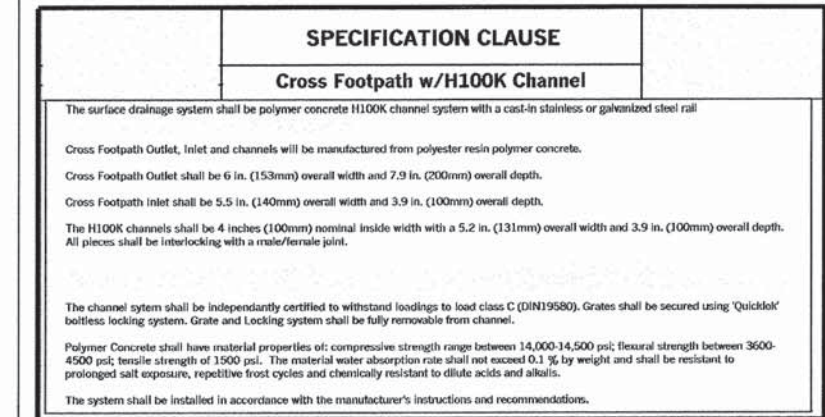


PIPE HANDRAIL TYPICAL SECTION

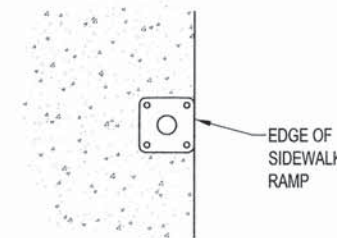
** The handrail shall be designed to withstand a 200 pound load applied in any direction to the top rail. Vertical posts shall be equally spaced along the panel at no more than 6 feet. The railing shall have three equally spaced horizontal elements, with the top of the lowest beam being no more than 4" off of the proposed surface. Extensions shall be placed a 1 foot beyond vertical edge of top and bottom steps and 1 foot beyond bottom of proposed ramps. The handrail shall powder coated black. This work shall be paid for by the Contract Unit Price per FOOT for PIPE HANDRAIL and no additional compensation shall be allowed.



NOTES:
1. It is necessary to ensure the minimum dimensions shown are suitable for the existing ground conditions. *Engineering advice may be required.*
2. A minimum concrete strength of 3000 PSI is recommended. The concrete should be vibrated to eliminate air pockets.
3. Expansion and crack control joints are recommended to protect the channel and the concrete surround. *Engineering advice may be required.*



TRENCH DRAIN, SPECIAL



PIPE HANDRAIL BASE PLATE DETAIL
(TYPICAL AT ALL HANDRAIL LOCATIONS)

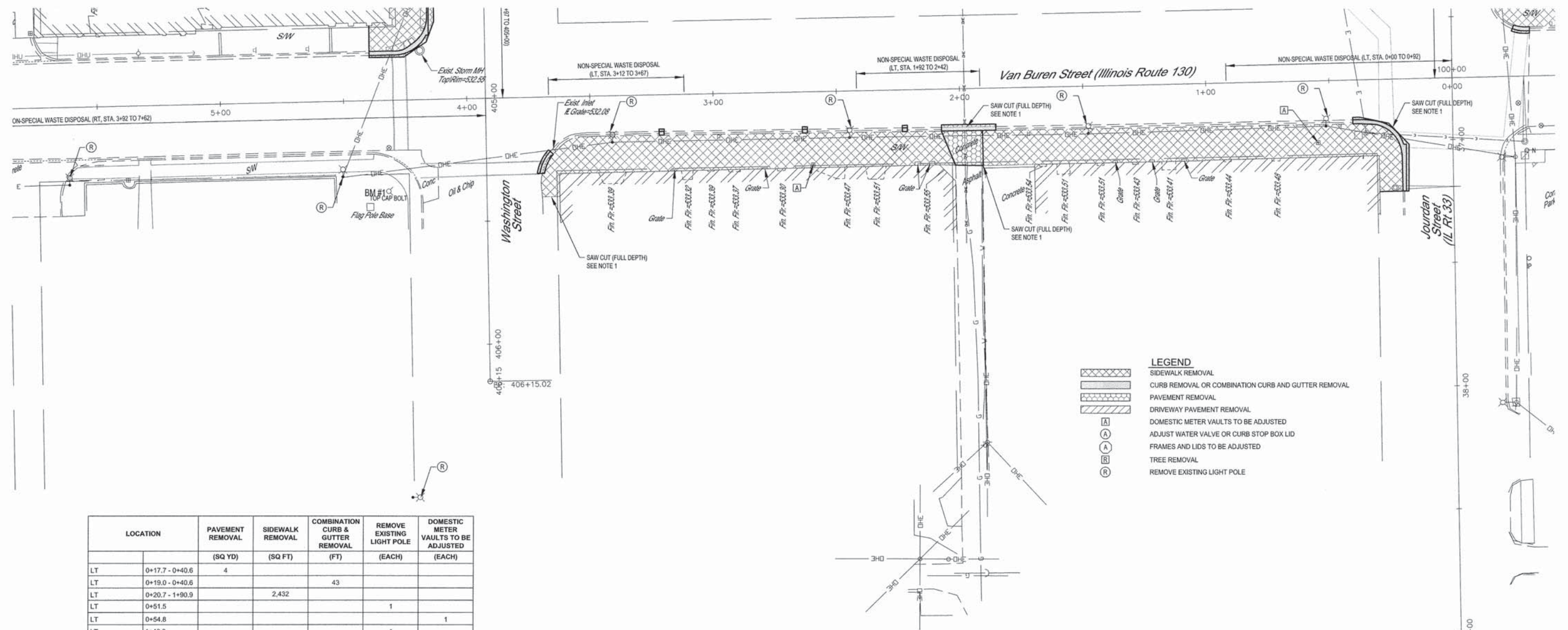
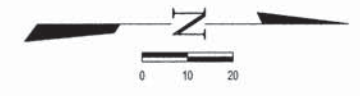
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Web Address: www.mgengineers.com
Design Firm #: 184-003100

DETAILS
SIDEWALK ENHANCEMENT
CITY OF NEWTON
SECTION 13-00047-00-SW
JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Typical.dwg
Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00047	00-SW	JASPER	43	15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772



LEGEND

	SIDEWALK REMOVAL
	CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	DOMESTIC METER VAULTS TO BE ADJUSTED
	ADJUST WATER VALVE OR CURB STOP BOX LID
	FRAMES AND LIDS TO BE ADJUSTED
	TREE REMOVAL
	REMOVE EXISTING LIGHT POLE

LOCATION	PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ FT)	COMBINATION CURB & GUTTER REMOVAL (FT)	REMOVE EXISTING LIGHT POLE (EACH)	DOMESTIC METER VAULTS TO BE ADJUSTED (EACH)
LT 0+17.7 - 0+40.6	4				
LT 0+19.0 - 0+40.6			43		
LT 0+20.7 - 1+90.9		2,432			
LT 0+51.5				1	
LT 0+54.8					1
LT 1+48.0				1	
LT 1+85.4 - 2+07.5	3		22		
LT 1+90.5 - 2+07.5	22				
LT 2+02.2 - 3+70.4		2,360			
LT 2+21.4 - 2+23.4	1		2		
LT 2+44.9				1	
LT 2+59.9					1
LT 2+60.5 - 2+62.5	1		2		
LT 3+20.1 - 3+22.1	1		2		
LT 3+41.2				1	
LT 3+65.3 - 3+69.9			10		
LT 3+66.5 - 3+70.8	1				
LT 4+50.8				1	
LT 5+61.8				1	
Total	33	4,792	81	6	2

NOTES
 CONTRACTOR SHALL KEEP EXISTING GRATES ADJACENT TO BUILDINGS OPEN AND FREE OF DEBRIS THROUGHOUT CONSTRUCTION

DEMOLITION NOTES
 1. SAWCUTTING 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

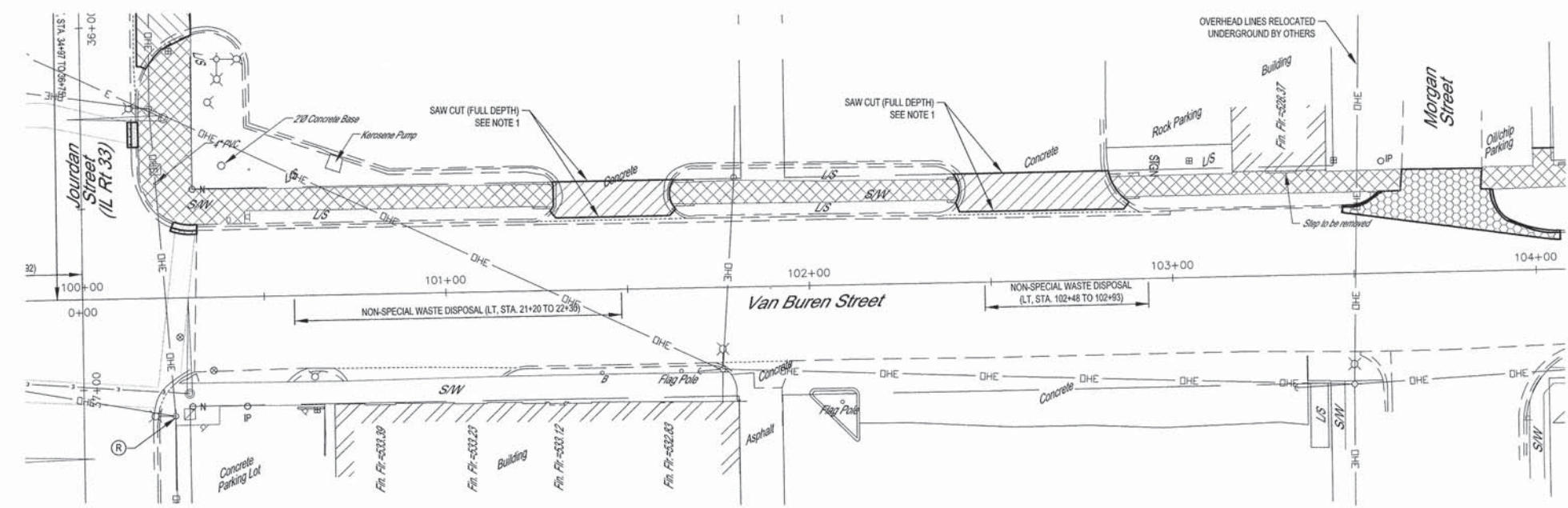
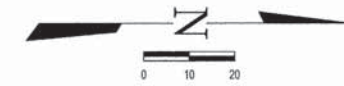
MILANO & GRUNLOH ENGINEERS, LLC
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 Design Firm #: 184-003108

REMOVAL PLAN
 VAN BUREN STREET (IL ROUTE 130)
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Removal.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00047	00-SW	JASPER	43	16
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772



LOCATION	DRIVEWAY PAVEMENT REMOVAL	PAVEMENT REMOVAL	SIDEWALK REMOVAL	COMBINATION CURB & GUTTER REMOVAL
	(SQ YD)	(SQ YD)	(SQ FT)	(FT)
LT 100+24.8 - 100+31.8		1		8
LT 100+25.2 - 100+31.8				8
LT 100+30.7 - 101+30.0			671	
LT 101+29.0 - 101+63.6	36			
LT 101+61.9 - 102+41.7			477	
LT 102+40.0 - 102+88.4	52			
LT 102+82.9 - 103+63.5			472	
LT 103+46.9 - 104+06.8		57		
LT 103+47.1 - 103+57.7				12
LT 103+88.1 - 104+06.8				26
Total	88	58	1,620	46

LEGEND

	SIDEWALK REMOVAL
	CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	DOMESTIC METER VAULTS TO BE ADJUSTED
	ADJUST WATER VALVE OR CURB STOP BOX LID
	FRAMES AND LIDS TO BE ADJUSTED
	TREE REMOVAL
	REMOVE EXISTING LIGHT POLE

DEMOLITION NOTES

1. SAWCUTTING 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.

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 Web Address: www.mgenghrs.com
 Design Firm #: 184-003108

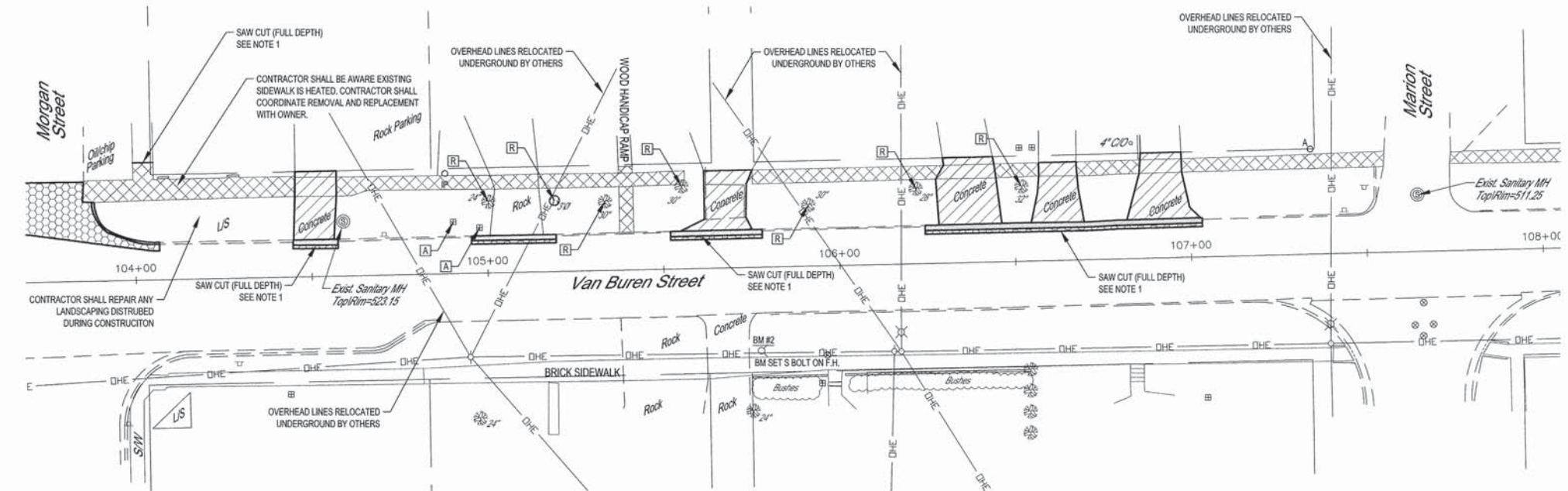
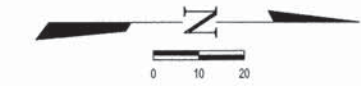
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REMOVAL PLAN
VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047-00-SW	JASPER	43	17
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT # 95772



	LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ FT)	COMBINATION CURB & GUTTER REMOVAL (FT)	TREE REMOVAL (OVER 15 UNITS DIAMETER) (UNITS)	DOMESTIC METER VAULTS TO BE ADJUSTED (EACH)
LT	103+85.2 - 104+45.6			386			
LT	104+44.8 - 104+57.6		2		13		
LT	104+45.0 - 104+57.3	26					
LT	104+57.3 - 105+56.3			460			1
LT	104+90.4						
LT	104+95.5 - 105+19.5		3		24		
LT	104+97.8						1
LT	105+00.5					24	
LT	105+19.2					36	
LT	105+33.6					30	
LT	105+52.1 - 105+78.2		3		26		
LT	105+54.9 - 105+75.5	24					
LT	105+55.4					30	
LT	105+73.8 - 106+30.0			211			
LT	105+91.3					30	
LT	106+21.9					28	
LT	106+24.4 - 107+03.3		9		79		
LT	106+27.7 - 106+46.3	36					
LT	106+44.4 - 106+57.1			49			
LT	106+52.0					32	
LT	106+54.6 - 106+69.7	23					
LT	106+67.7 - 106+85.9			70			
LT	106+81.9 - 107+02.9	31					
LT	106+97.6 - 107+55.3			230			
	Total	140	17	1,406	142	210	2

- LEGEND**
- SIDEWALK REMOVAL
 - CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
 - PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - DOMESTIC METER VAULTS TO BE ADJUSTED
 - ADJUST WATER VALVE OR CURB STOP BOX LID
 - FRAMES AND LIDS TO BE ADJUSTED
 - TREE REMOVAL
 - REMOVE EXISTING LIGHT POLE

- DEMOLITION NOTES**
- SAWCUTTING ALONG CURB AND GUTTER SHALL BE PERFORMED ALONG THE EDGE OF THE GUTTER FLAG OR ALONG THE BACK OF CURB.
 - ALL PAVEMENT AND SIDEWALKS SHALL BE SAWCUT THE FULL DEPTH PRIOR TO REMOVAL.
 - CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT THE PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN 2 FEET AWAY.
 - CONTRACTOR SHALL SEE SPECIAL PROVISIONS RELATING TO NON-SPECIAL WASTE DISPOSAL.

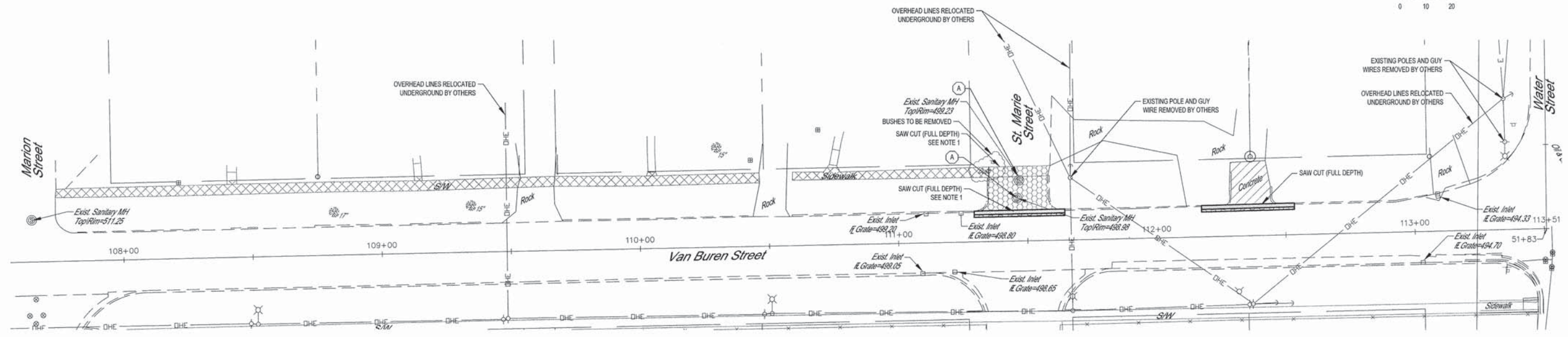
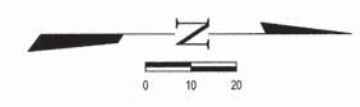
MILANO & GRUNLOH ENGINEERS, LLC
 114 WEST WASHINGTON
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 Design Firm #: 194-003108

REMOVAL PLAN
VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Removal.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047-00-SW	JASPER	43	18
FED. ROAD DIST. NO. 7	LINKS	FED. AID PROJECT		

CONTRACT # 95772



LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ FT)	COMBINATION CURB & GUTTER REMOVAL (FT)	FRAMES & LIDS TO BE ADJUSTED (EACH)
LT 107+73.8 - 110+46.6			1,066		
LT 110+59.3 - 111+35.3			263		
LT 111+29.5 - 111+64.5		4		35	
LT 111+30.0 - 111+61.7		48			
LT 111+48					2
LT 112+17.5 - 112+53.5				36	
LT 112+26.7 - 112+47.1	30				
Total	30	52	1,329	71	2

LEGEND

	SIDEWALK REMOVAL
	CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	DOMESTIC METER VAULTS TO BE ADJUSTED
	ADJUST WATER VALVE OR CURB STOP BOX LID
	FRAMES AND LIDS TO BE ADJUSTED
	TREE REMOVAL
	REMOVE EXISTING LIGHT POLE

DEMOLITION NOTES

- SAWCUTTING ALONG CURB AND GUTTER SHALL BE PERFORMED ALONG THE EDGE OF THE GUTTER FLAG OR ALONG THE BACK OF CURB.
- ALL PAVEMENT AND SIDEWALKS SHALL BE SAWCUT THE FULL DEPTH PRIOR TO REMOVAL.
- CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT THE PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN 2 FEET AWAY.
- CONTRACTOR SHALL SEE SPECIAL PROVISIONS RELATING TO NON-SPECIAL WASTE DISPOSAL.

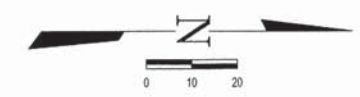
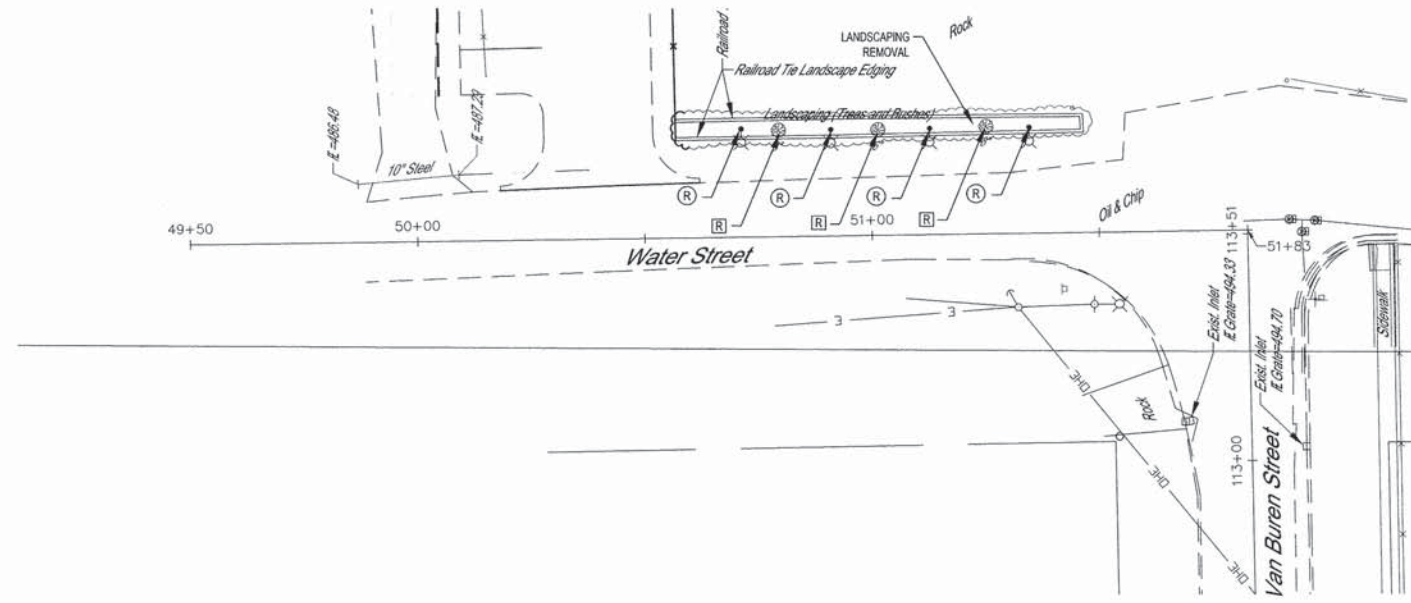
MILANO & GRUNLOH ENGINEERS, LLC
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REMOVAL PLAN
VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Removal.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047 00-SW	JASPER	43	19
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT # 95772



LOCATION	REMOVE EXISTING LIGHT POLE (EACH)	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)
LT 50+71.7	1	
LT 50+79.6		8
LT 50+91.1	1	
LT 51+01.3		6
LT 51+13.0	1	
LT 51+25.3		8
LT 51+34.8	1	
Total	4	22

LEGEND

	SIDEWALK REMOVAL
	CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
(A)	DOMESTIC METER VAULTS TO BE ADJUSTED
(A)	ADJUST WATER VALVE OR CURB STOP BOX LID
(A)	FRAMES AND LIDS TO BE ADJUSTED
(R)	TREE REMOVAL
(R)	REMOVE EXISTING LIGHT POLE

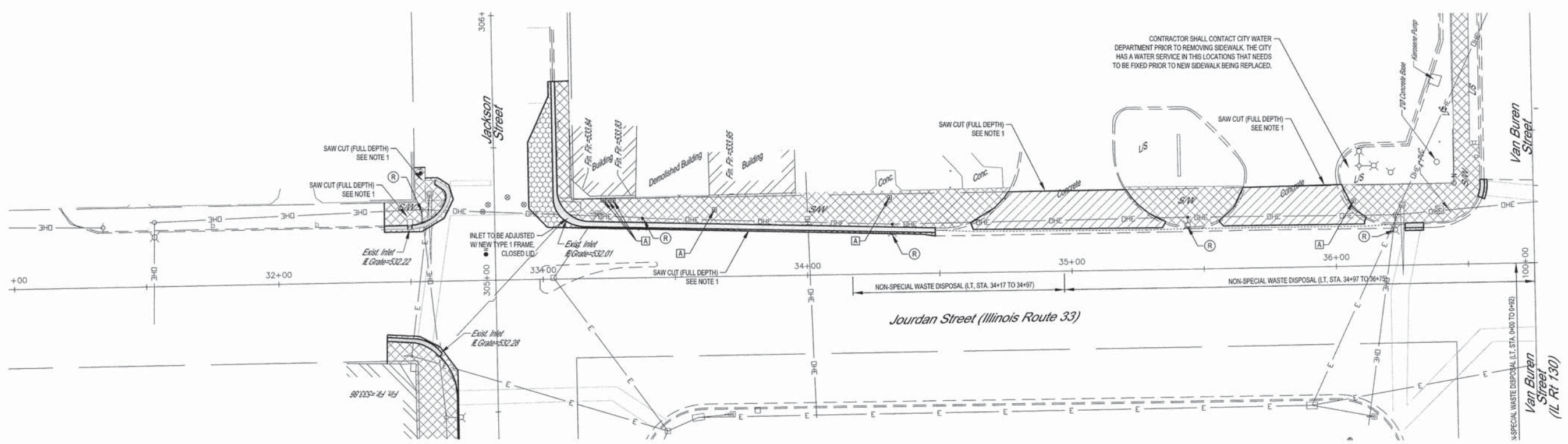
DEMOLITION NOTES

1. SAWCUTTING 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.

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 Design Firm #: 184-003108

REMOVAL PLAN
WATER STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Removal.dwg
 Plot date: 11/10/15



	LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ FT)	COMBINATION CURB & GUTTER REMOVAL (FT)	REMOVE EXISTING LIGHT POLE (EACH)	DOMESTIC METER VAULTS TO BE ADJUSTED (EACH)	HANDHOLE TO BE ADJUSTED (EACH)
LT	32+40.3 - 32+64.3		5		38			
LT	32+40.3 - 32+63.4			26				
LT	32+54.4					1		
LT	32+94.9 - 34+48.6		55					
LT	33+04.7 - 34+48.5				193			
LT	33+05.4 - 34+77.2			2,134				
LT	33+23.1						1	
LT	33+24.9						1	
LT	33+26.9						1	
LT	33+37.9					1		
LT	33+65.1						1	
LT	34+31.3						1	
LT	34+32.3					1		
LT	34+61.9 - 35+35.7	94						
LT	35+20.2 - 35+65.3			500				
LT	35+43.9					1		
LT	35+55.8 - 36+11.6	75						
LT	36+02.3 - 36+54.7			649				
LT	36+06.7						1	
LT	36+22.6					1		
LT	36+26.2 - 36+33.2				7			
LT	36+39.3							1
	Total	169	60	3,309	238	5	6	1

LEGEND

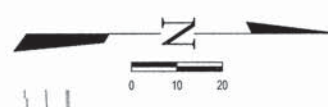
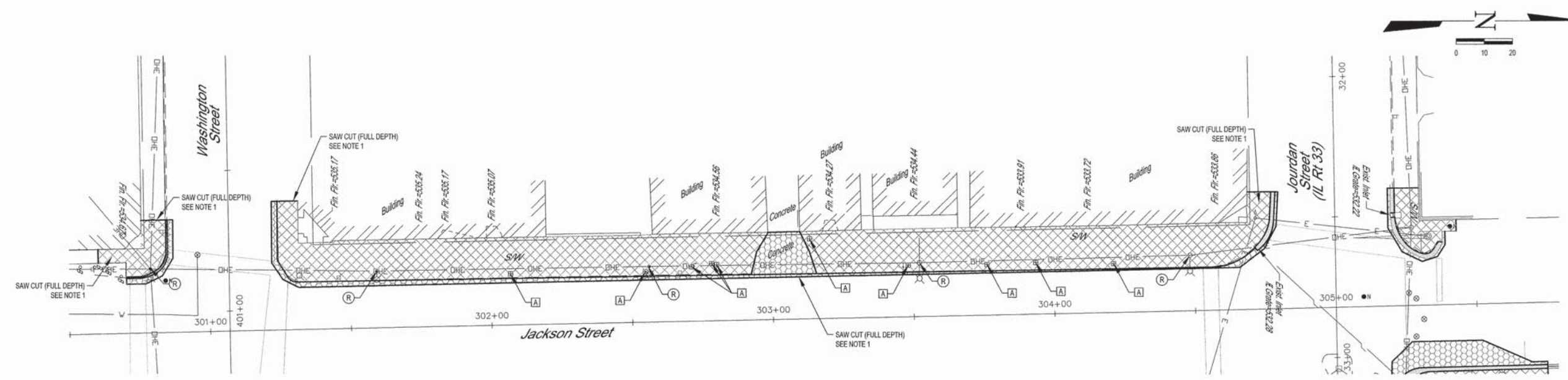
- SIDEWALK REMOVAL
- CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL
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- DOMESTIC METER VAULTS TO BE ADJUSTED
- ADJUST WATER VALVE OR CURB STOP BOX LID
- FRAMES AND LIDS TO BE ADJUSTED
- TREE REMOVAL
- REMOVE EXISTING LIGHT POLE

- DEMOLITION NOTES**
- SAWCUTTING ALONG CURB AND GUTTER SHALL BE PERFORMED ALONG THE EDGE OF THE GUTTER FLAG OR ALONG THE BACK OF CURB.
 - ALL PAVEMENT AND SIDEWALKS SHALL BE SAWCUT THE FULL DEPTH PRIOR TO REMOVAL.
 - CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT THE PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN 2 FEET AWAY.
 - CONTRACTOR SHALL SEE SPECIAL PROVISIONS RELATING TO NON-SPECIAL WASTE DISPOSAL.

MILANO & GRUNLOH ENGINEERS, LLC
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 (800) 677-2714
 Fax #: (217) 342-3453
 Web Address: www.mgeengineers.com
 Design Firm #: 184-003198

REMOVAL PLAN
JOURDAN STREET (IL RT 33)
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Removal.dwg
 Plot date: 11/10/15



	LOCATION	PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ YD)	COMBINATION CURB & GUTTER REMOVAL (FT)	REMOVE EXISTING LIGHT POLE (EACH)	DOMESTIC METER VAULTS TO BE ADJUSTED (EACH)
LT	300+60.5 - 300+84.6		262			
LT	300+70.5 - 300+85.2			31		
LT	300+70.5 - 300+87.1	7				
LT	300+79.0				1	
LT	301+22.1 - 304+80.2	53				
LT	301+24.2 - 302+98.6		2,557			
LT	301+59.4				1	
LT	302+06.9					1
LT	302+54.8					1
LT	302+56.2				1	
LT	302+71.4					1
LT	302+78.4					1
LT	302+80.2					1
LT	302+92.4 - 303+15.6	30				
LT	303+09.9 - 304+77.6		2,516			
LT	303+13.3					1
LT	303+48.2					1
LT	303+52.2				1	
LT	303+76.2					1
LT	303+93.5					1
LT	304+21.2					1
LT	304+48.3				1	
LT	304+71.4 - 304+79.1			22		
	Total	90	5,335	53	5	10

LEGEND

- SIDEWALK REMOVAL
- CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- DOMESTIC METER VAULTS TO BE ADJUSTED
- ADJUST WATER VALVE OR CURB STOP BOX LID
- FRAMES AND LIDS TO BE ADJUSTED
- TREE REMOVAL
- REMOVE EXISTING LIGHT POLE

- DEMOLITION NOTES**
- SAWCUTTING ALONG CURB AND GUTTER SHALL BE PERFORMED ALONG THE EDGE OF THE GUTTER FLAG OR ALONG THE BACK OF CURB.
 - ALL PAVEMENT AND SIDEWALKS SHALL BE SAWCUT THE FULL DEPTH PRIOR TO REMOVAL.
 - CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT THE PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN 2 FEET AWAY.
 - CONTRACTOR SHALL SEE SPECIAL PROVISIONS RELATING TO NON-SPECIAL WASTE DISPOSAL.

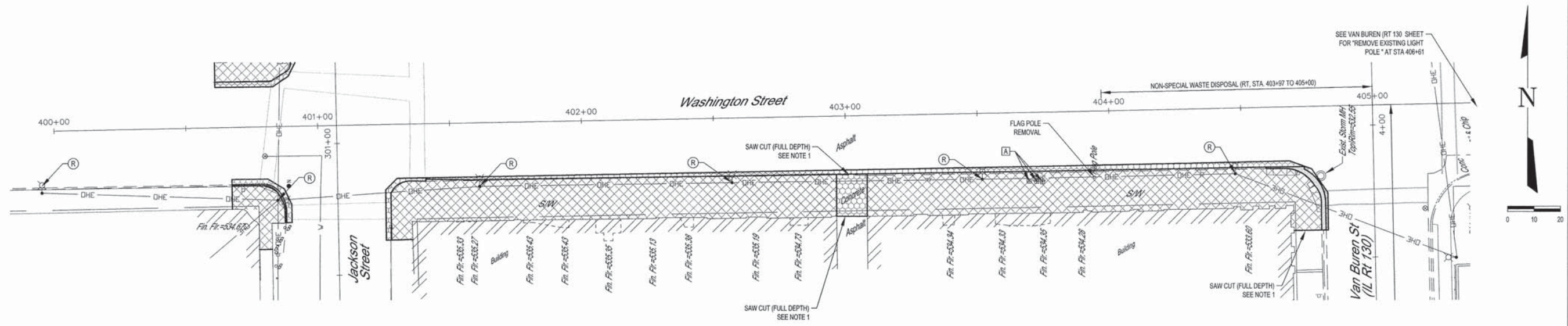
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 Design Firm #: 184-003108

REMOVAL PLAN
 JACKSON STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Removal.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT # 95772



LOCATION	PAVEMENT REMOVAL	SIDEWALK REMOVAL	COMBINATION CURB & GUTTER REMOVAL	REMOVE EXISTING LIGHT POLE	DOMESTIC METER VAULTS TO BE ADJUSTED
	(SQ YD)	(SQ FT)	(FT)	(EACH)	(EACH)
RT -400+00.0				1	
RT 401+25.4 - 404+82.6	68				
RT 401+27.3 - 402+96.4		2,703			
RT 401+61.1				1	
RT 402+56.8				1	
RT 402+96.2 - 403+08.0	21				
RT 403+07.8 - 404+80.0		2,744			
RT 403+51.6				1	
RT 403+69.3					1
RT 403+72.2					1
RT 403+74.5					1
RT 404+47.6				1	
RT 404+59.4 - 404+81.7			39		
RT 406+61.0				1	
Total	89	5,447	39	6	3

LEGEND

- SIDEWALK REMOVAL
- CURB REMOVAL OR COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- DOMESTIC METER VAULTS TO BE ADJUSTED
- ADJUST WATER VALVE OR CURB STOP BOX LID FRAMES AND LIDS TO BE ADJUSTED
- TREE REMOVAL
- REMOVE EXISTING LIGHT POLE

DEMOLITION NOTES

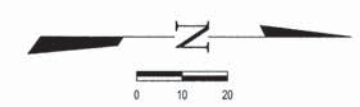
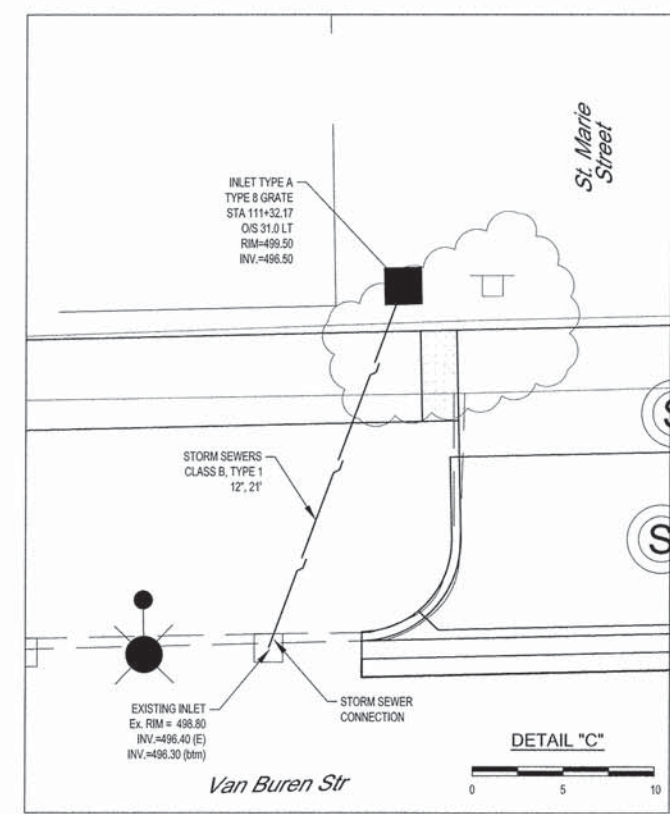
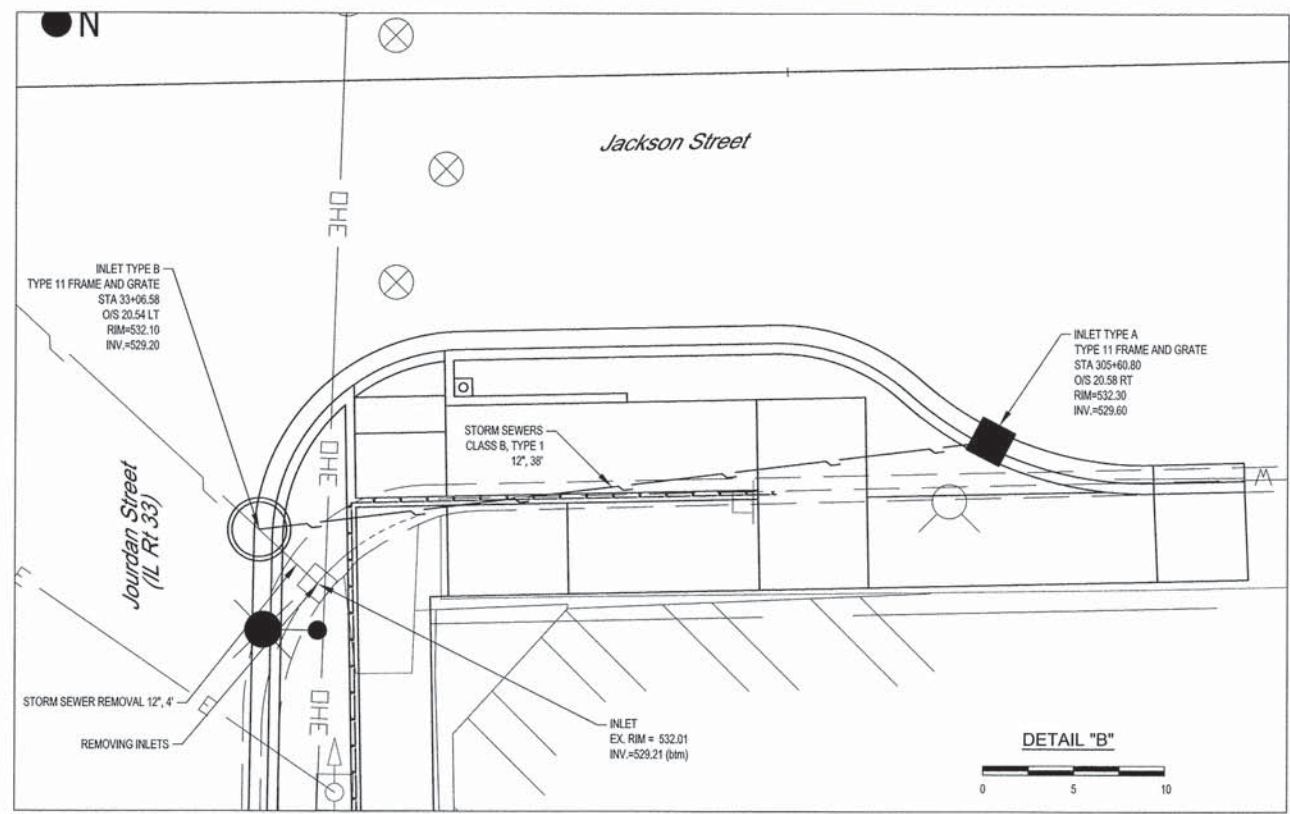
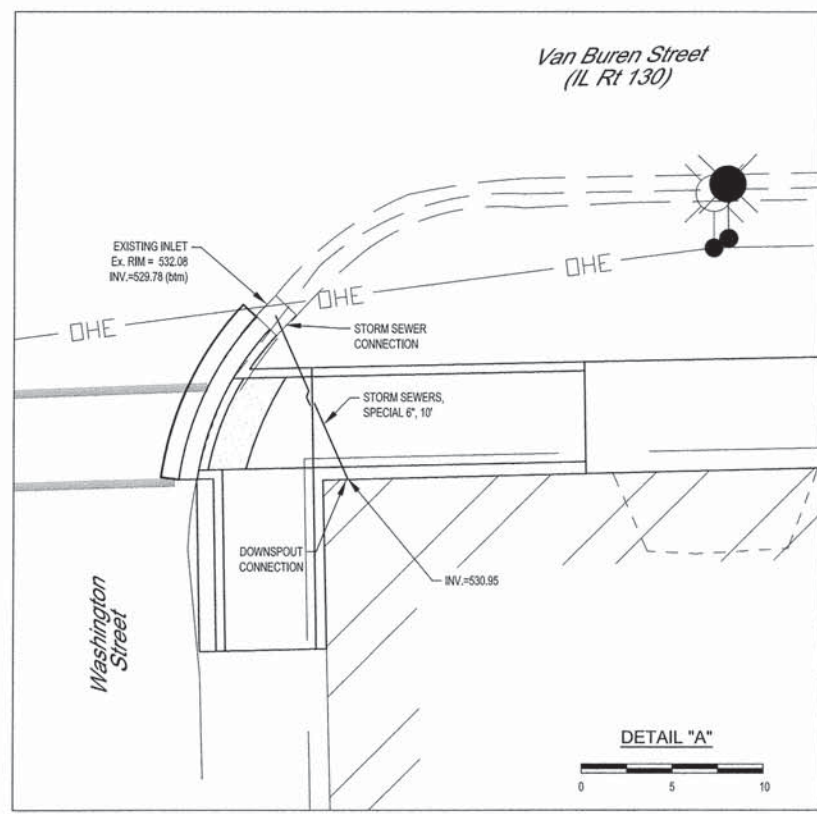
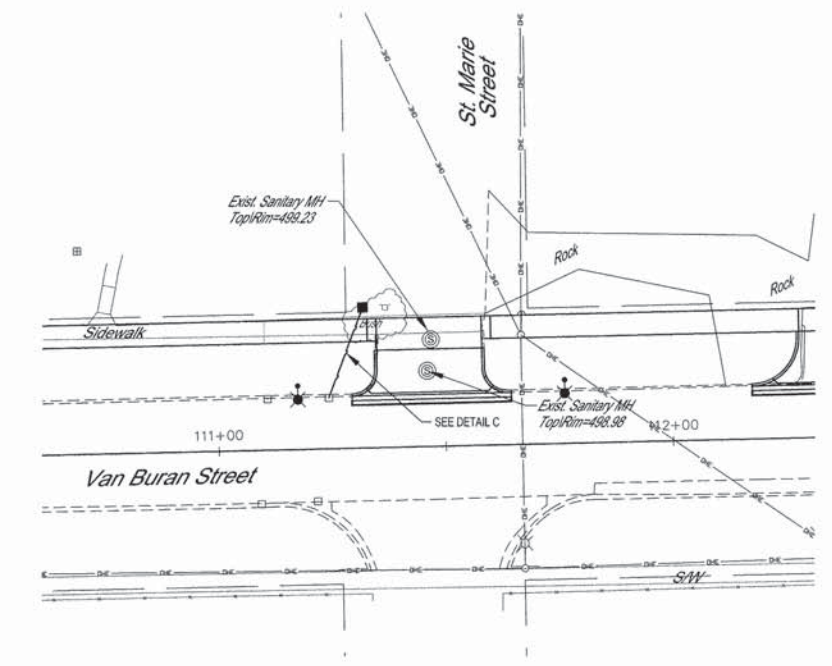
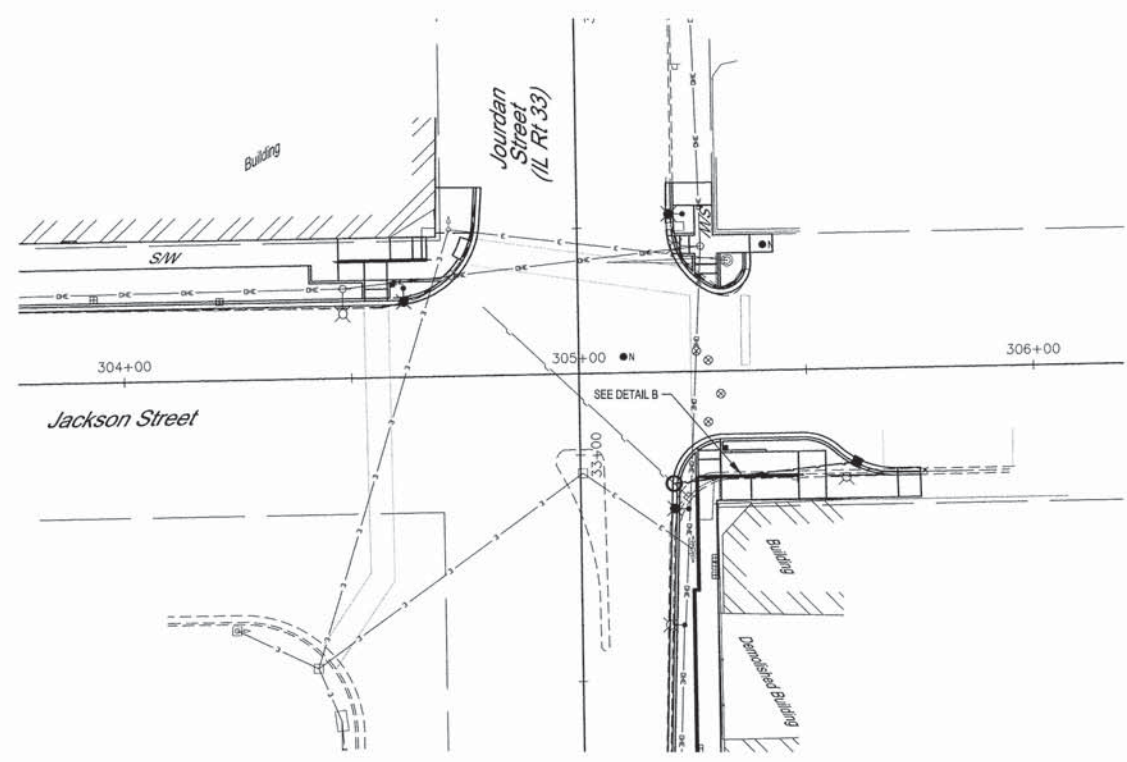
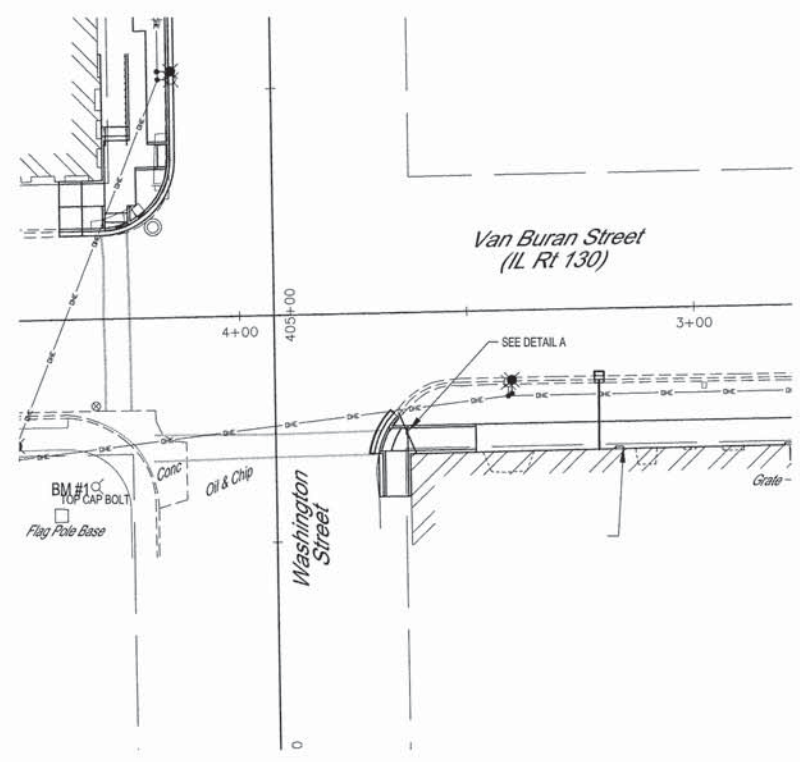
- SAWCUTTING ALONG CURB AND GUTTER SHALL BE PERFORMED ALONG THE EDGE OF THE GUTTER FLAG OR ALONG THE BACK OF CURB.
- ALL PAVEMENT AND SIDEWALKS SHALL BE SAWCUT THE FULL DEPTH PRIOR TO REMOVAL.
- CONTRACTOR SHALL SAWCUT PAVEMENT AND SIDEWALK AT THE PROPOSED DIMENSION OR NEXT FURTHEST JOINT, IF SAID JOINT IS LESS THAN 2 FEET AWAY.
- CONTRACTOR SHALL SEE SPECIAL PROVISIONS RELATING TO NON-SPECIAL WASTE DISPOSAL.

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 Design Firm #: 184-023103

REMOVAL PLAN
 WASHINGTON STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Removal.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	23
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-	CONTRACT #95772	

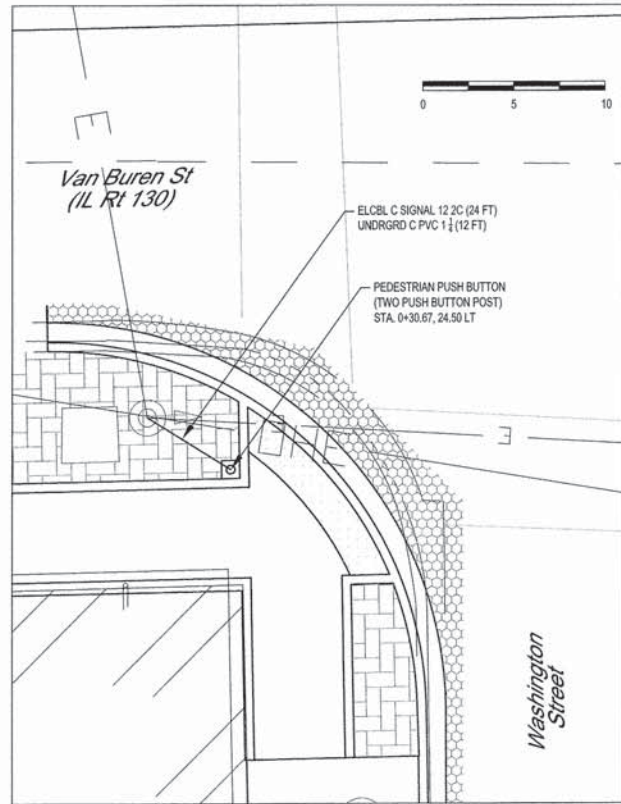
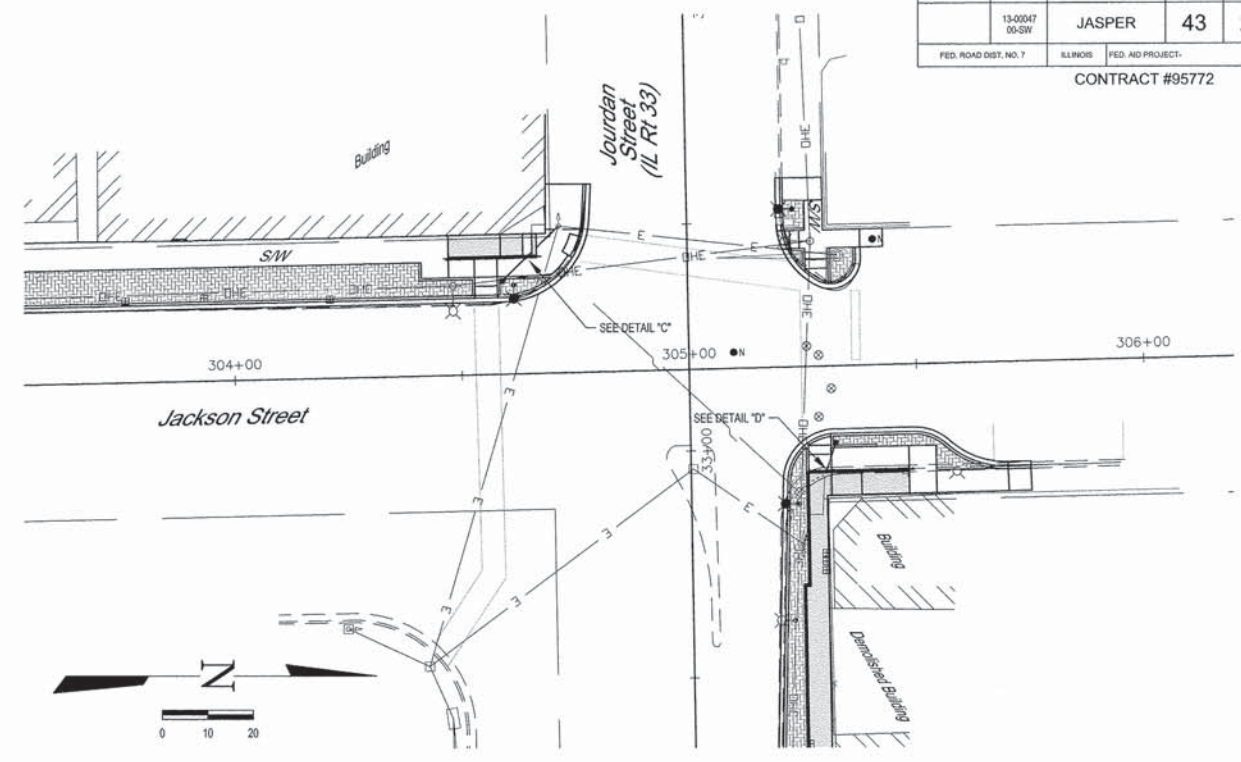
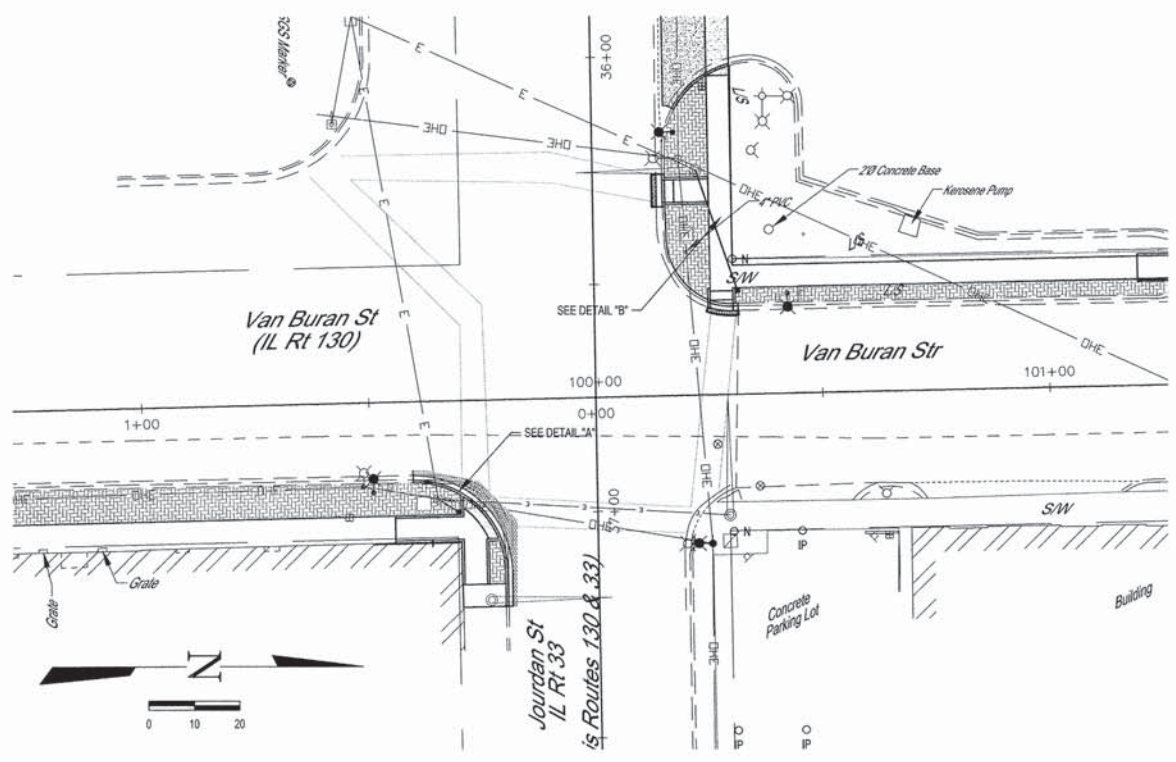


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 Fax #: (217) 342-3433
 Web Address: www.mgengineers.com
 Design Firm #: 184-003106

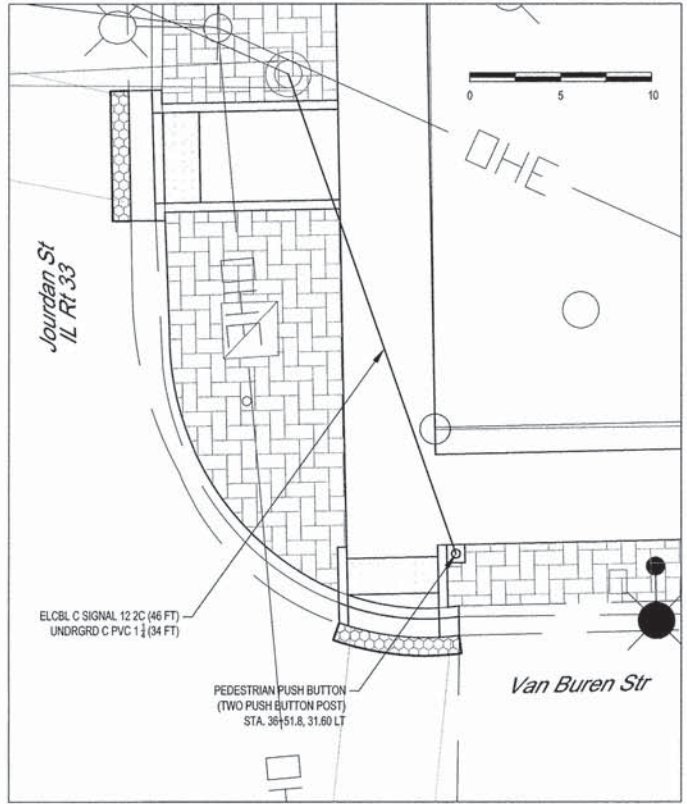
DRAINAGE PLAN
 WASHINGTON & VAN BUREN ST INTER.
 JACKSON & JOURDAN ST INTER.
 CITY OF NEWTON, ILLINOIS

File name: S:\DWG\13\13210\dwg\drainage.dwg
 Plot date: 11/10/15

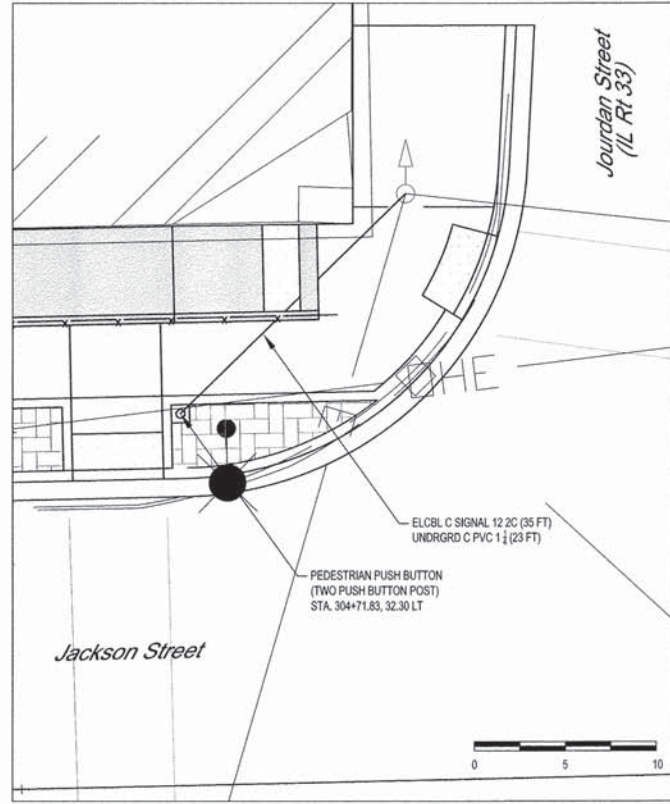
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	24
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		
CONTRACT #95772				



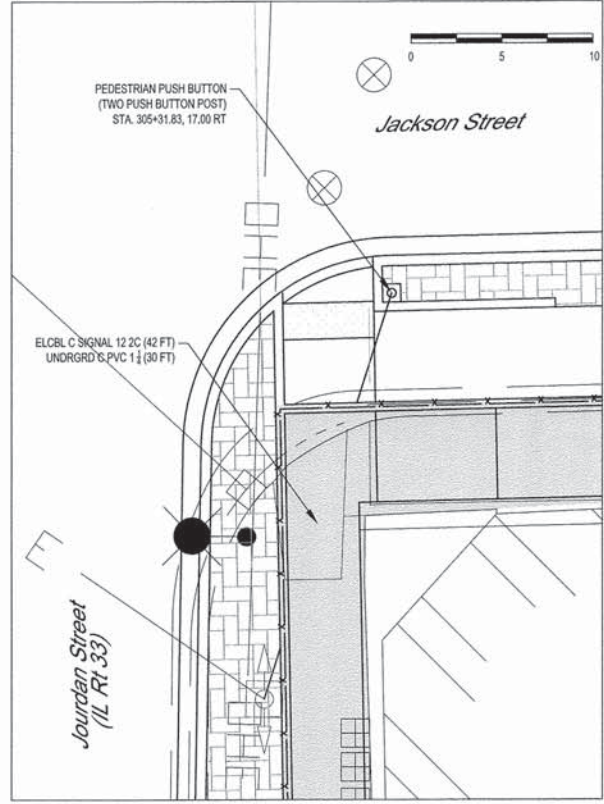
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

M
engineering
G

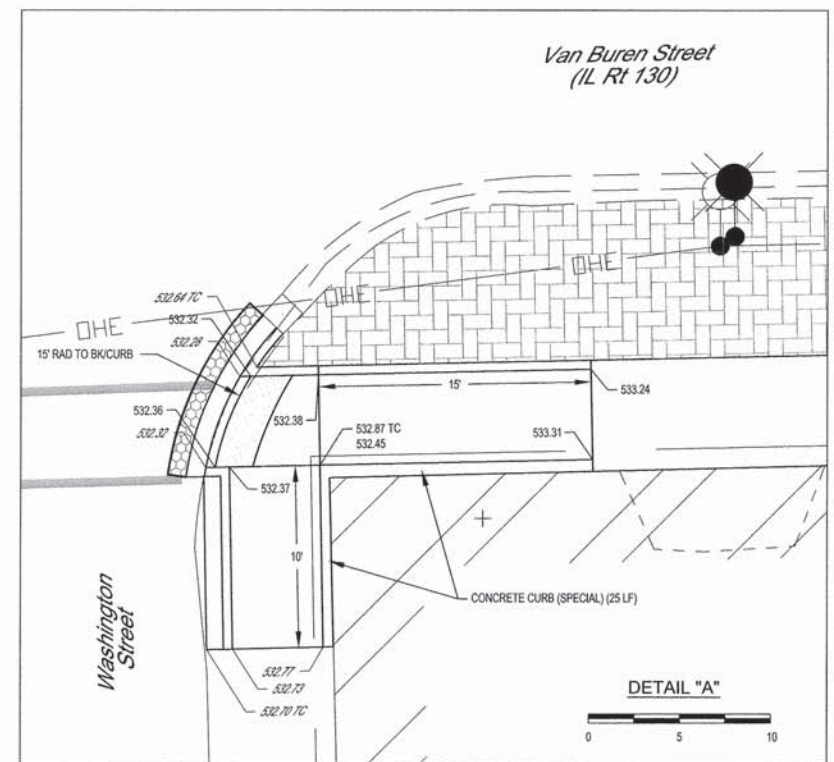
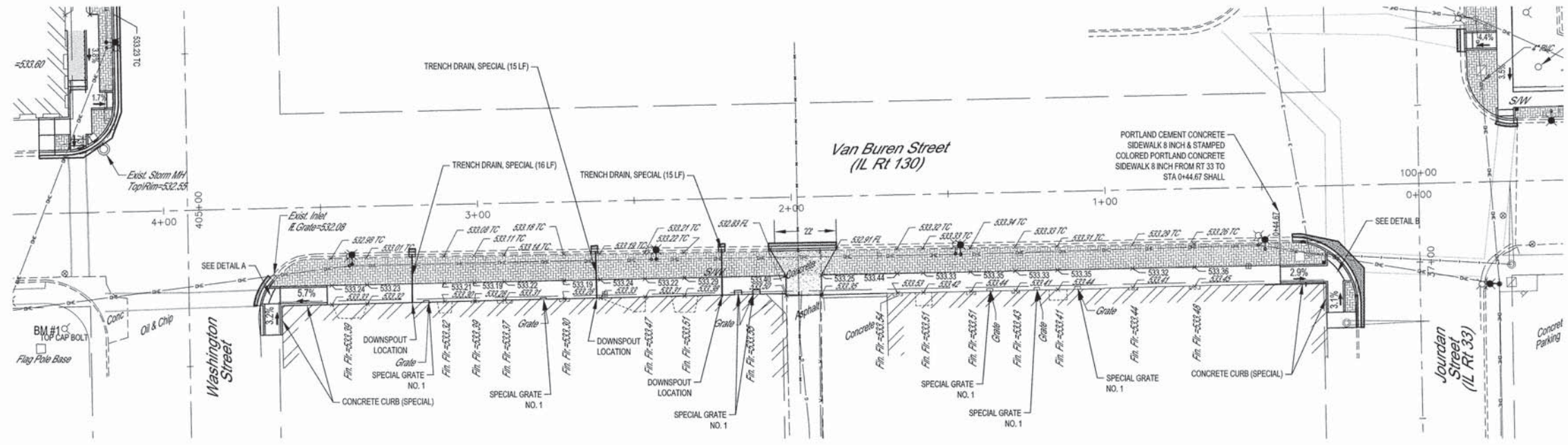
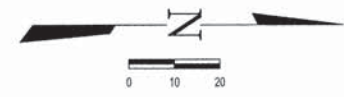
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 Plot date: 11/10/15

SIGNAL PLAN
 JOURDAN ST & VAN BUREN ST INTER.
 JACKSON & JOURDAN ST INTER.
 CITY OF NEWTON, ILLINOIS

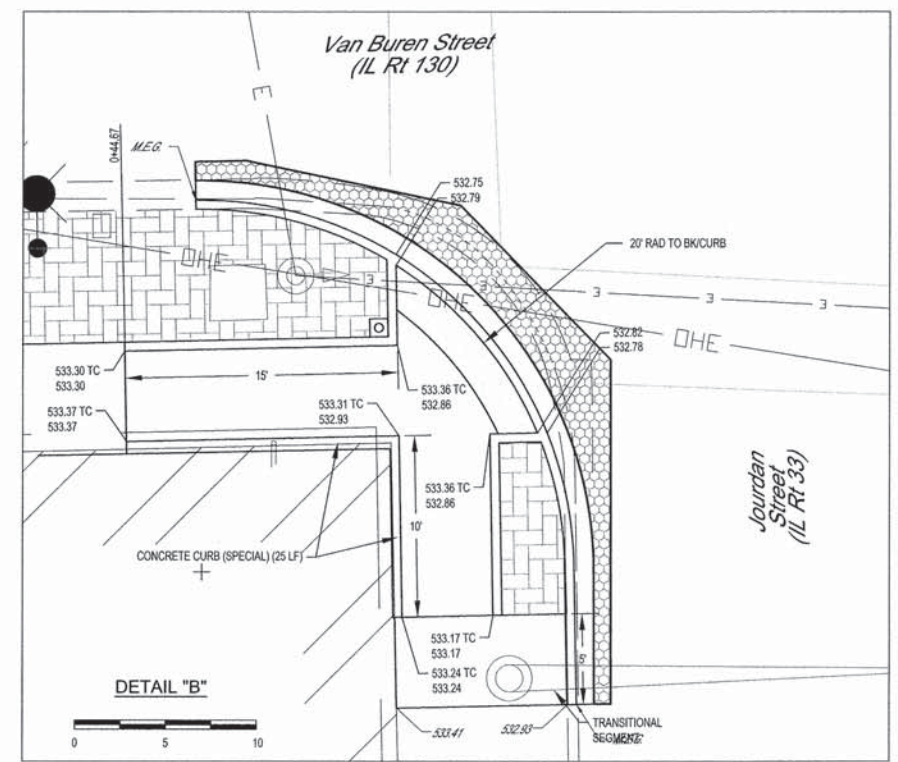
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 Web Address: www.mgengr.com
 Design Firm #: 194-002108

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	25
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772



DETAIL "A"



DETAIL "B"

LEGEND

- HIGH EARLY PCC BASE COURSE 8"
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
- PCC SIDEWALK, TEXTURED, COLORED, 4" INCH LEVELING BINDER (HAND METHOD), N30
- PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
- DETECTABLE WARNING
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED SIDEWALK SLOPE
- FLOWLINE
- TC
- TS
- BS
- EP
- M.E.G.
- PROPOSED LIGHT POLE

SIDEWALK CONSTRUCTION NOTES:

- SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1) UNLESS EXISTING ROAD PROFILE EXCEEDS 5%, AT WHICH TIME THE SIDEWALK RUNNING SLOPE MAY MATCH THE ROADWAY.
- CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
- CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%.
- EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

NOTES

CONTRACTOR SHALL KEEP EXISTING GRATES ADJACENT TO BUILDINGS OPEN AND FREE OF DE BRIS THROUGHOUT CONSTRUCTION

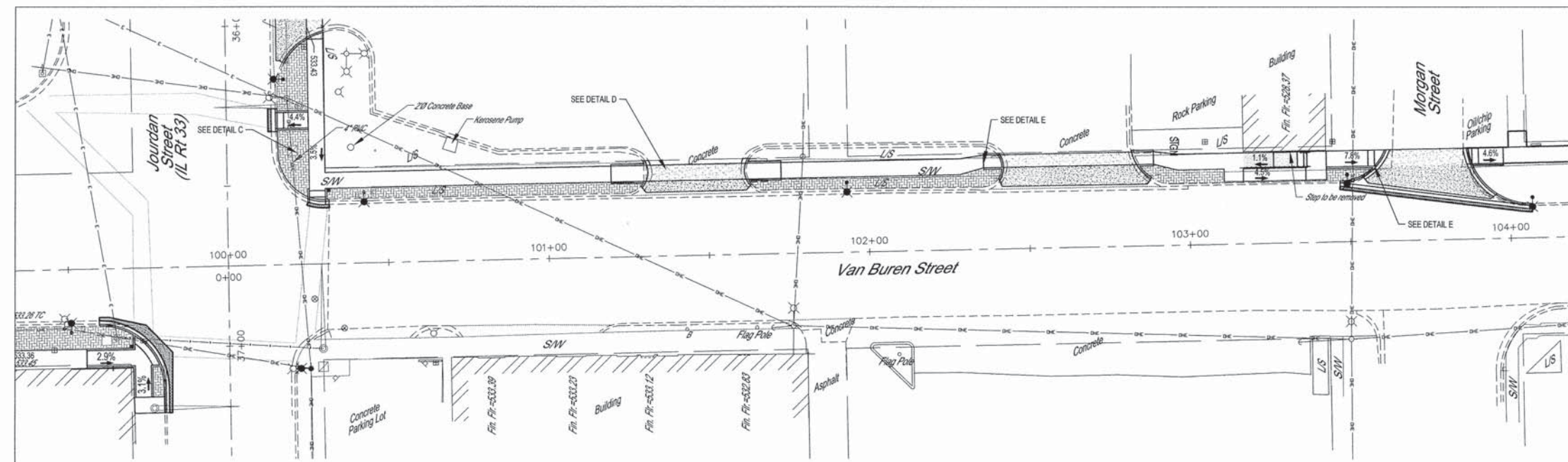
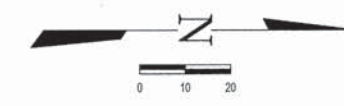
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 Web Address: www.mgengineers.com
 Design Firm #: 184-003108

SIDEWALK PLAN
 VAN BUREN STREET/IL ROUTE 130
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\1313210\dwg\Sidewalk.dwg
 Plot date: 11/10/15

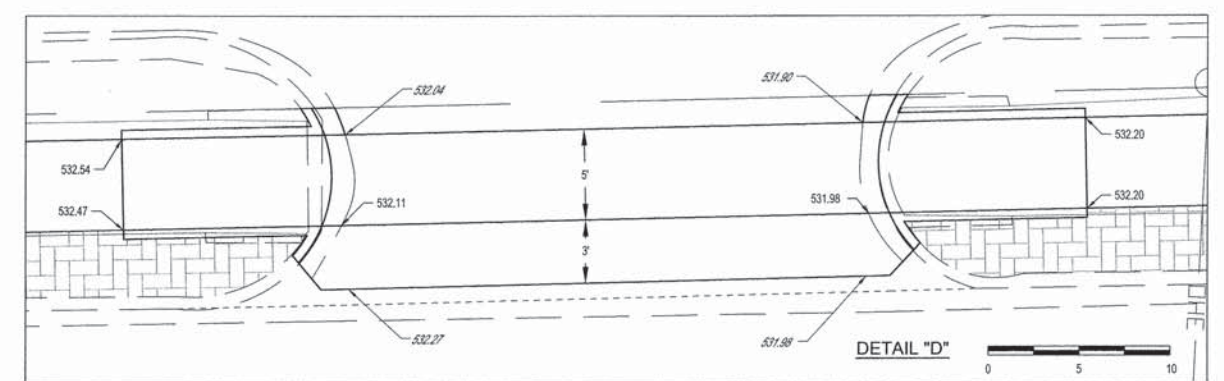
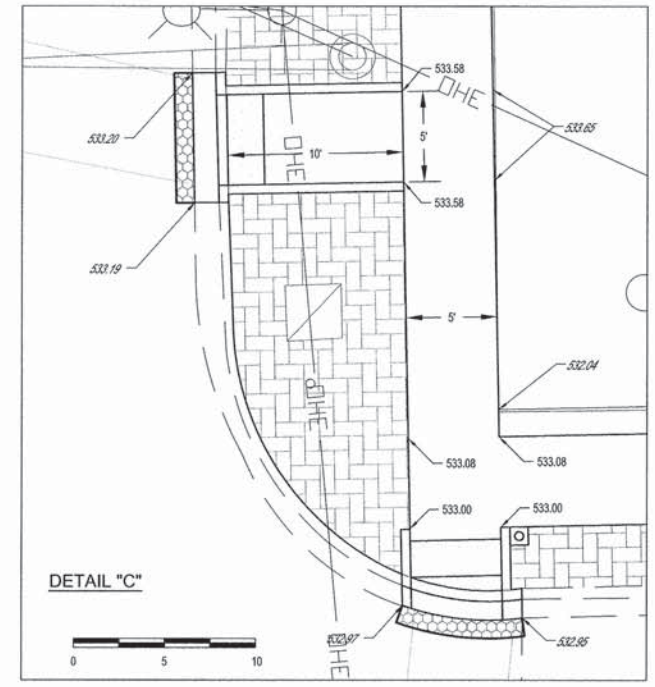
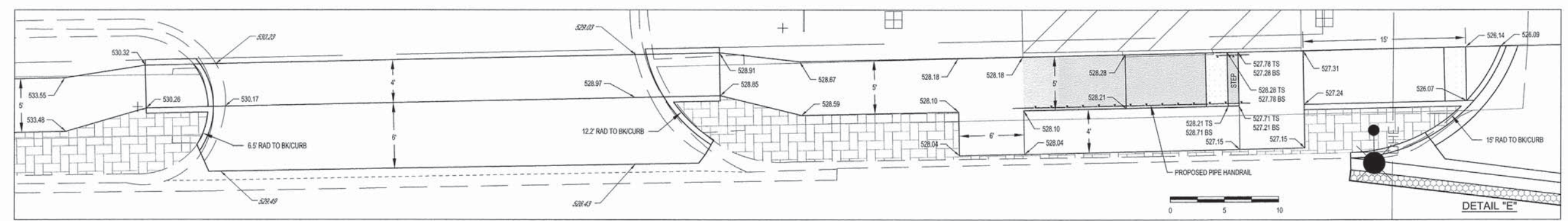
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	26
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772



LEGEND

- HIGH EARLY PCC BASE COURSE 8"
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
- PCC SIDEWALK, TEXTURED, COLORED, 4" INCH LEVELING BINDER (HAND METHOD), N30
- PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
- DETECTABLE WARNING
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED SIDEWALK SLOPE
- FLOWLINE
- TC
- TS
- BS
- EP
- M.E.G.
- PROPOSED LIGHT POLE



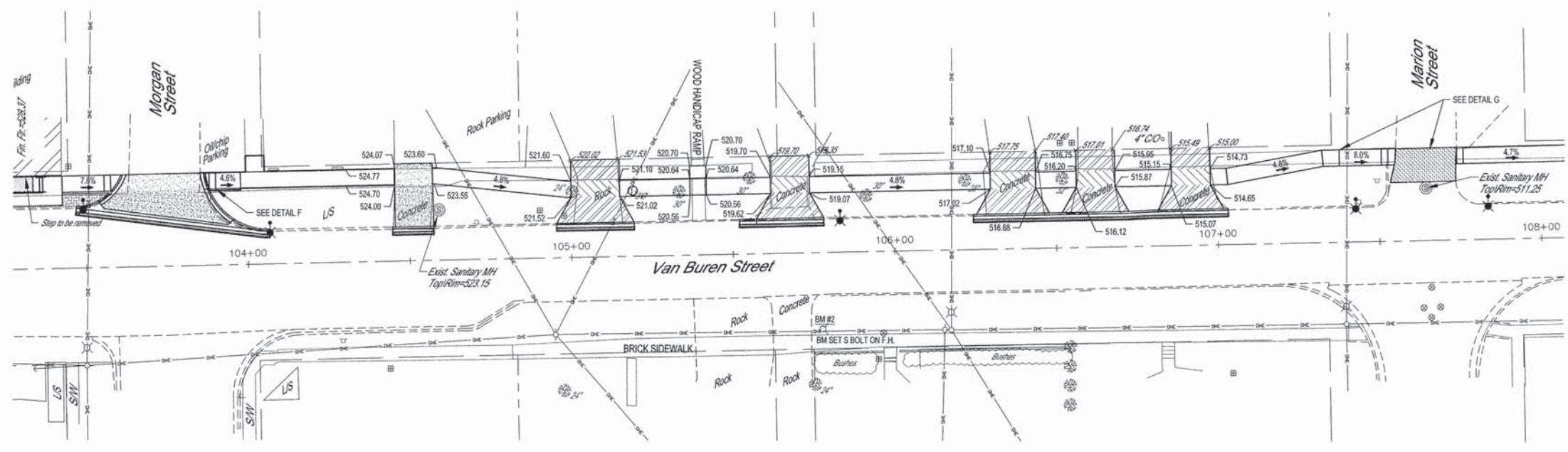
- SIDEWALK CONSTRUCTION NOTES:**
1. SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1) UNLESS EXISTING ROAD PROFILE EXCEEDS 5%, AT WHICH TIME THE SIDEWALK RUNNING SLOPE MAY MATCH THE ROADWAY.
 2. CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
 3. CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%.
 4. EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 5. ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

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 Design Firm #: 184-003108

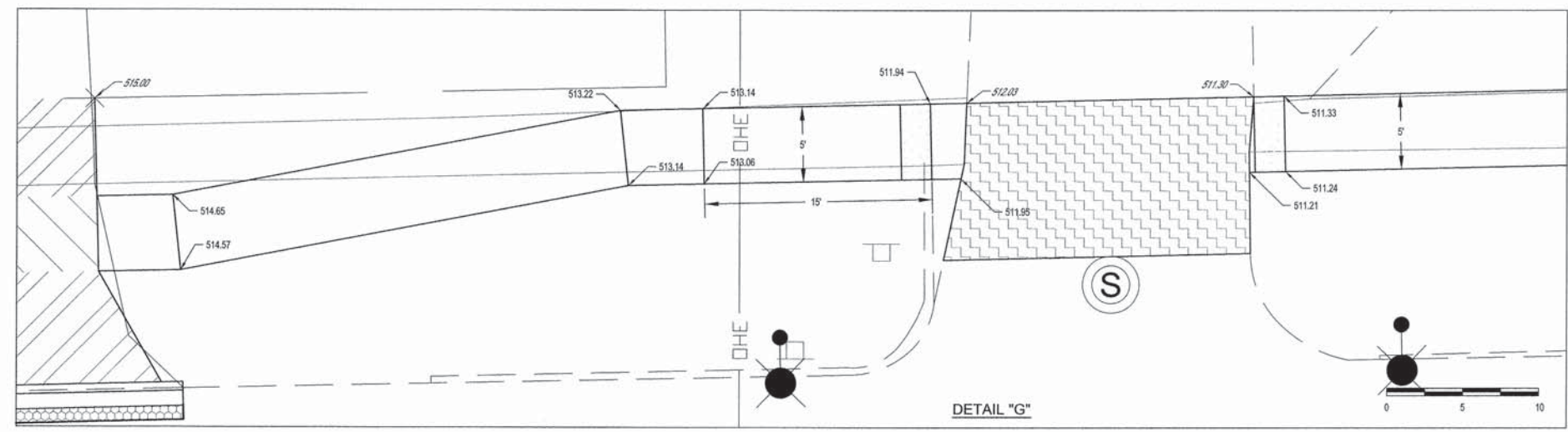
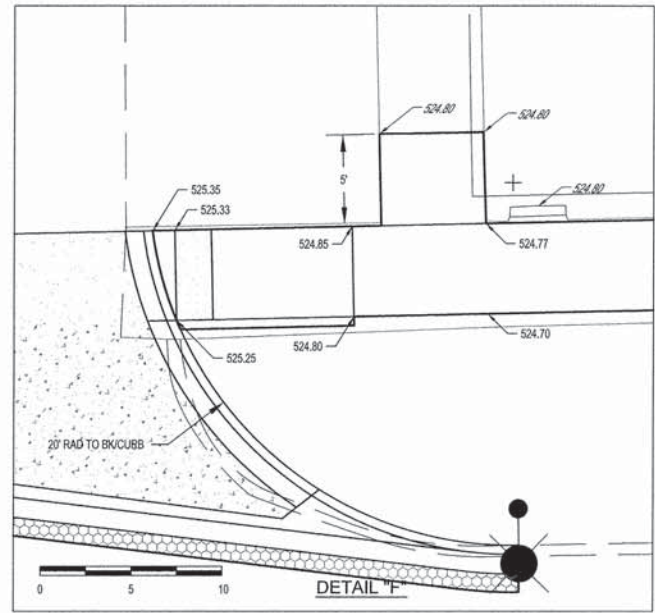
SIDEWALK PLAN
VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-0047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Sidewalk.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047-00-SW	JASPER	43	27
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		
CONTRACT # 95772				



- LEGEND**
- HIGH EARLY PCC BASE COURSE 8"
 - PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
 - PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
 - PCC SIDEWALK, TEXTURED, COLORED, 4" INCH
 - LEVELING BINDER (HAND METHOD), N30
 - PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
 - DETECTABLE WARNING
 - EXISTING ELEVATION
 - PROPOSED ELEVATION
 - PROPOSED SIDEWALK SLOPE
 - FLOWLINE
 - TOP OF CURB
 - TOP OF STEP
 - BOTTOM OF STEP
 - EDGE OF PAVEMENT
 - M.E.G.
 - PROPOSED LIGHT POLE



- SIDEWALK CONSTRUCTION NOTES:**
- SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1) UNLESS EXISTING ROAD PROFILE EXCEEDS 5%, AT WHICH TIME THE SIDEWALK RUNNING SLOPE MAY MATCH THE ROADWAY.
 - CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
 - CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%
 - EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 - ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

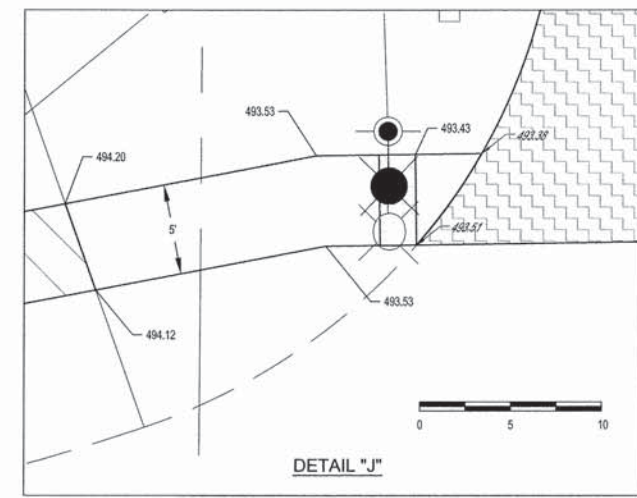
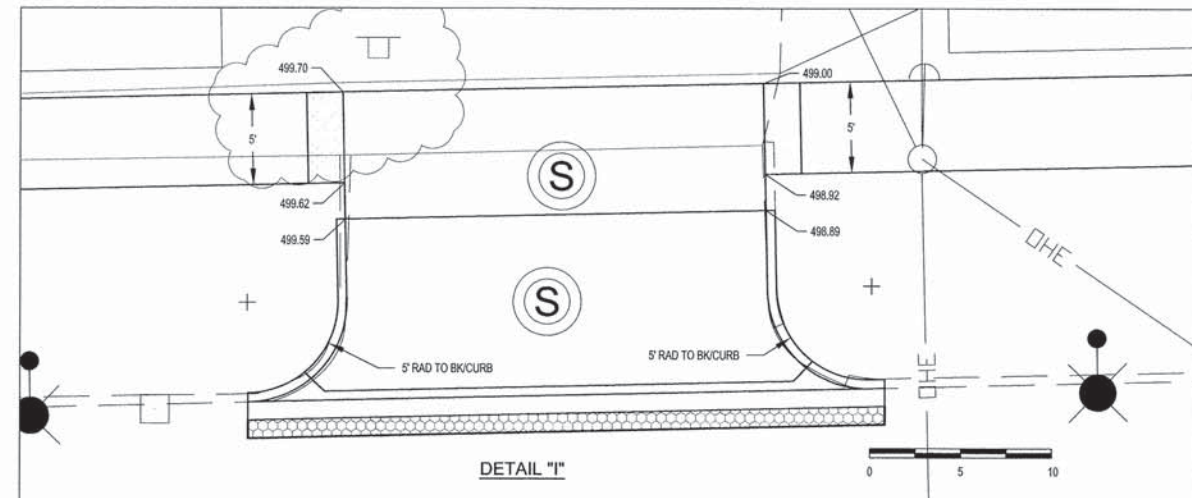
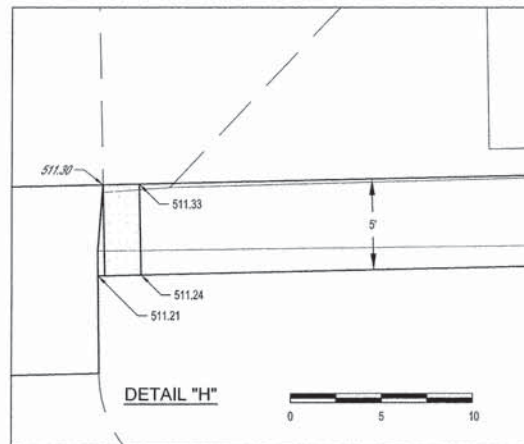
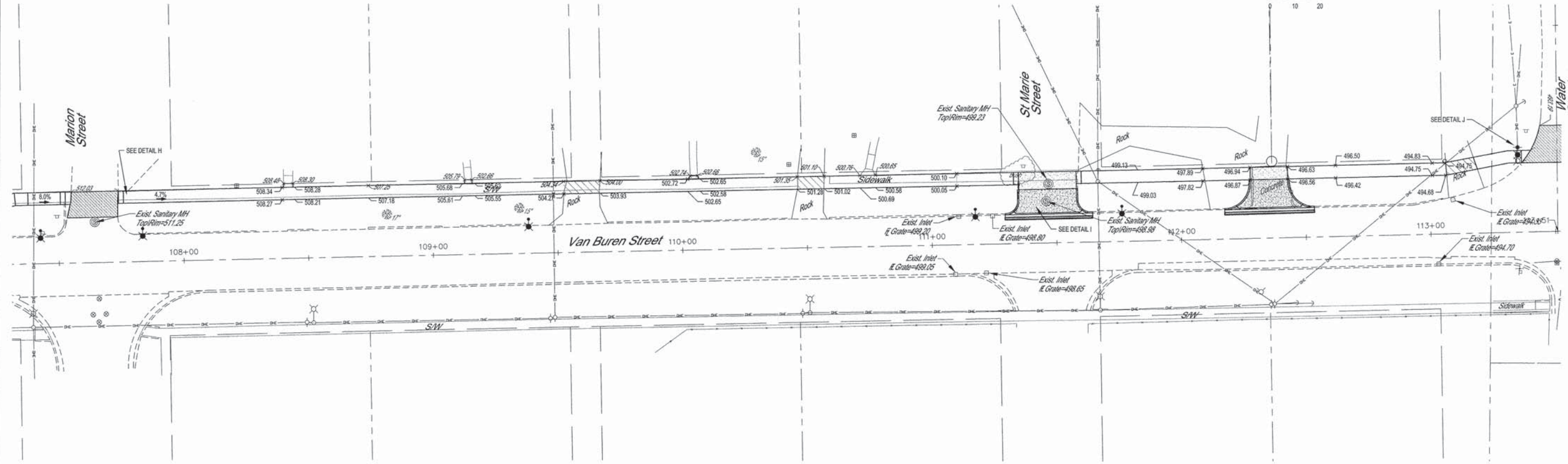
MILANO & GRUNLOH ENGINEERS, LLC
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 Web Address: www.mgengineers.com
 Design Firm #: 184-003108

SIDEWALK PLAN
 VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-0047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Sidewalk.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	28
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772



LEGEND

	HIGH EARLY PCC BASE COURSE 8"
	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
	PCC SIDEWALK, TEXTURED, COLORED, 4" INCH LEVELING BINDER (HAND METHOD), N30
	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
	DETECTABLE WARNING
	EXISTING ELEVATION
	PROPOSED ELEVATION
	PROPOSED SIDEWALK SLOPE
	FLOWLINE
	TOP OF CURB
	TOP OF STEP
	BOTTOM OF STEP
	EDGE OF PAVEMENT
	MATCH EXISTING GRADE
	PROPOSED LIGHT POLE

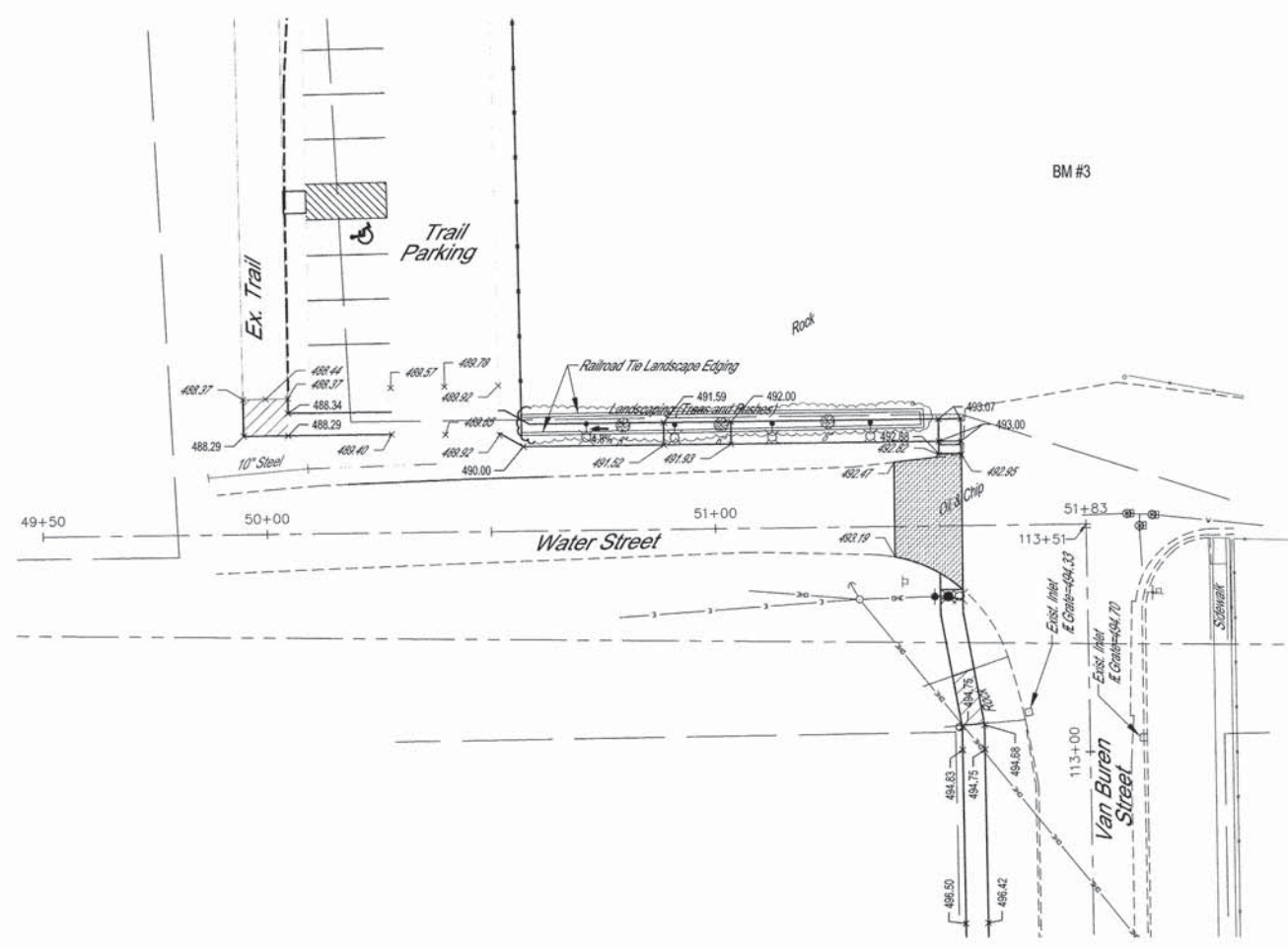
- SIDEWALK CONSTRUCTION NOTES:**
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 2. CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
 3. CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%.
 4. EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 5. ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

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 Design Firm #: 184-003108

SIDEWALK PLAN
 VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-0047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Sidewalk.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	29
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:	CONTRACT # 95772	



LEGEND

	HIGH EARLY PCC BASE COURSE 8"
	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
	PCC SIDEWALK, TEXTURED, COLORED, 4" INCH LEVELING BINDER (HAND METHOD), N30
	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
	DETECTABLE WARNING
	EXISTING ELEVATION
	PROPOSED ELEVATION
	PROPOSED SIDEWALK SLOPE
	FLOWLINE
	TOP OF CURB
	TOP OF STEP
	BOTTOM OF STEP
	EDGE OF PAVEMENT
	MATCH EXISTING GRADE
	PROPOSED LIGHT POLE



- SIDEWALK CONSTRUCTION NOTES:**
1. SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1) UNLESS EXISTING ROAD PROFILE EXCEEDS 5%, AT WHICH TIME THE SIDEWALK RUNNING SLOPE MAY MATCH THE ROADWAY.
 2. CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
 3. CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%.
 4. EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 5. ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

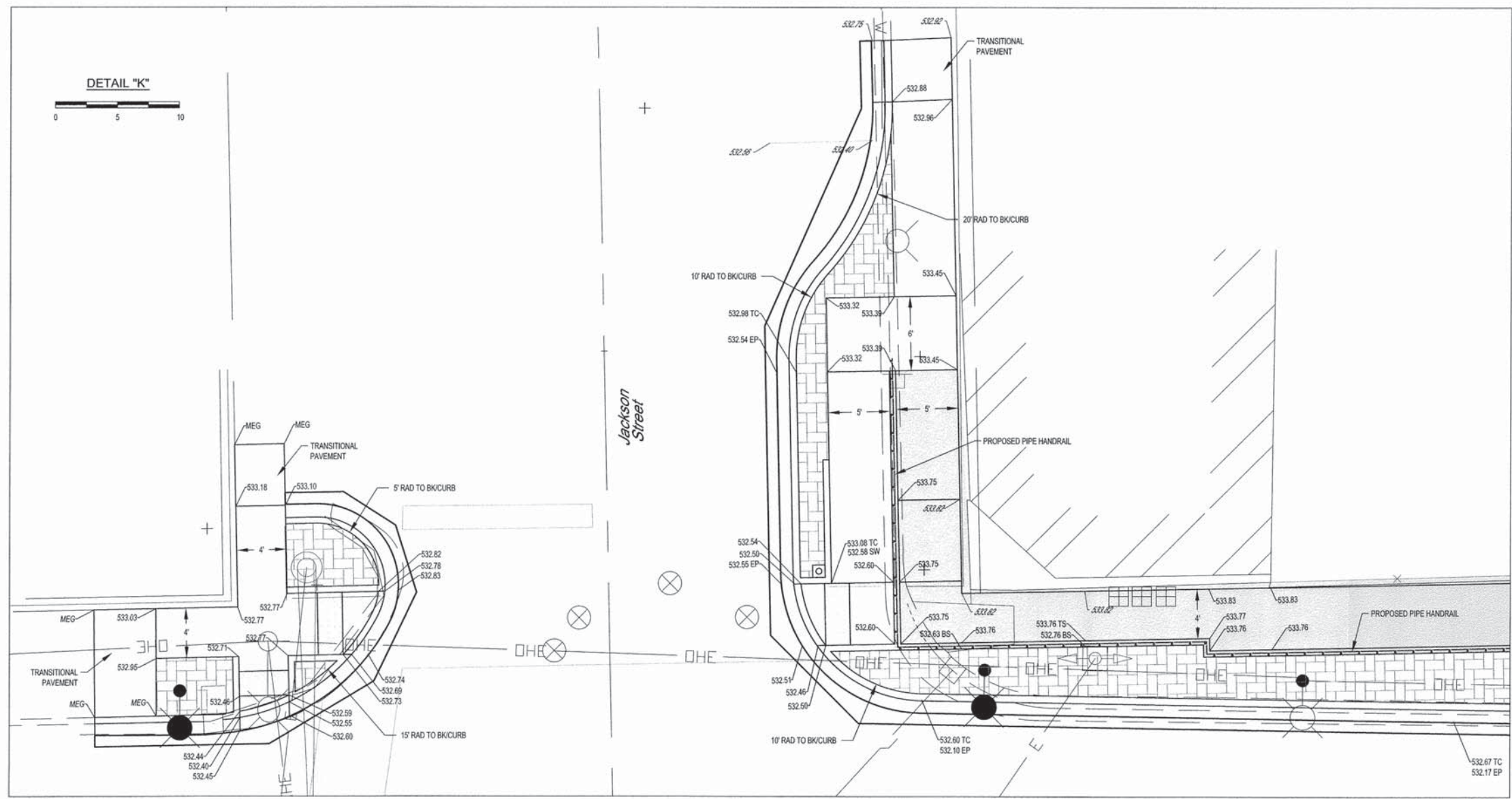
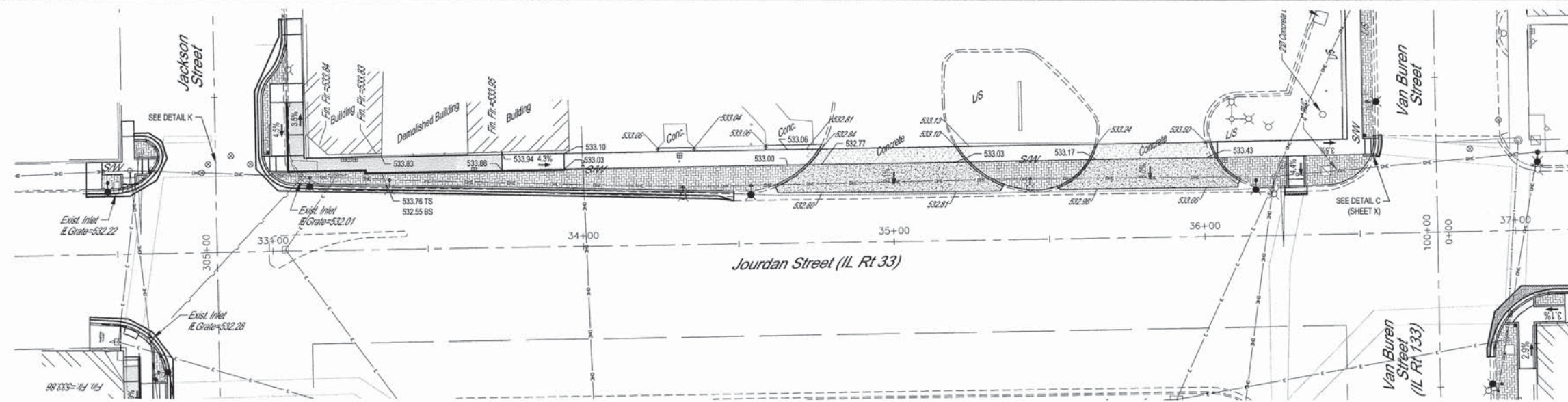
MILANO & GRUNLOH ENGINEERS, LLC
 114 WEST WASHINGTON
 P.O. BOX 687
 EFFINGHAM, ILLINOIS 62401
 Phone: (217) 347-7262
 (800) 677-2754
 Fax #: (217) 342-3433
 Web Address: www.mgengineers.com
 Design Firm #: 184-003108

SIDEWALK PLAN
WATER STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-0047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\Sidewalk.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT # 95772



LEGEND

	HIGH EARLY PCC BASE COURSE 8"
	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
	PCC SIDEWALK, TEXTURED, COLORED, 4" INCH
	LEVELING BINDER (HAND METHOD), N30
	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
	DETECTABLE WARNING
	EXISTING ELEVATION
	PROPOSED ELEVATION
	PROPOSED SIDEWALK SLOPE
	FLOWLINE
	TOP OF CURB
	TOP OF STEP
	BOTTOM OF STEP
	EDGE OF PAVEMENT
	MATCH EXISTING GRADE
	PROPOSED LIGHT POLE

NOTES
 CONTRACTOR SHALL KEEP EXISTING GRATES ADJACENT TO BUILDINGS OPEN AND FREE OF DE BRIS THROUGHOUT CONSTRUCTION

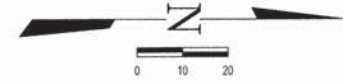
- SIDEWALK CONSTRUCTION NOTES:**
- SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1) UNLESS EXISTING ROAD PROFILE EXCEEDS 5%, AT WHICH TIME THE SIDEWALK RUNNING SLOPE MAY MATCH THE ROADWAY.
 - CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
 - CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%.
 - EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 - ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

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 Web Address: www.mgengineers.com
 Design Firm #: 184-003198

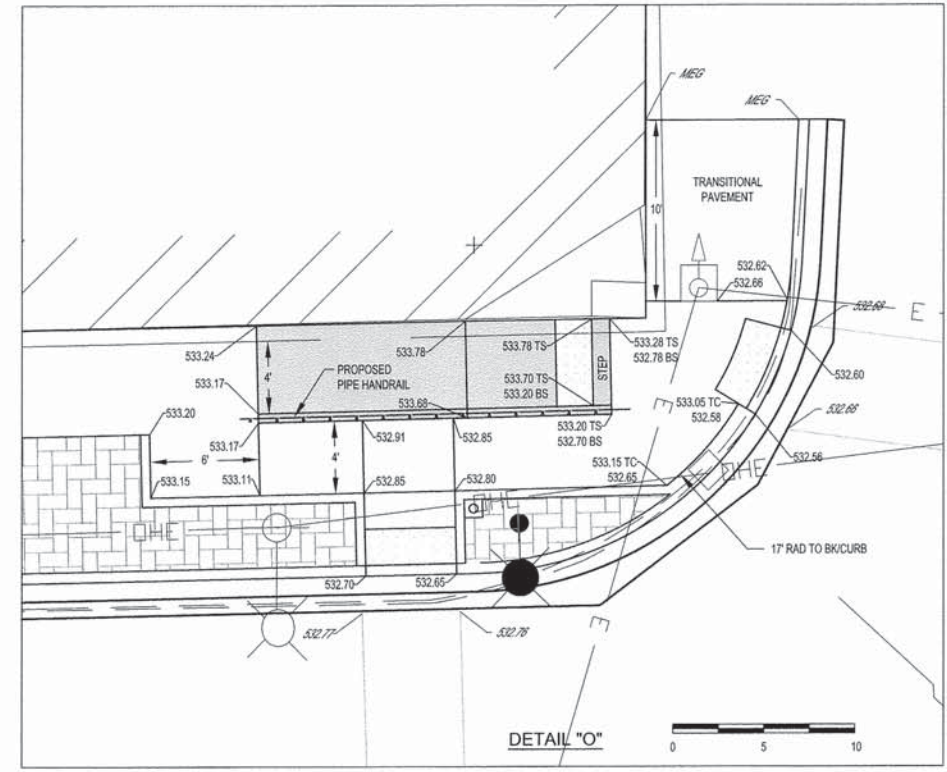
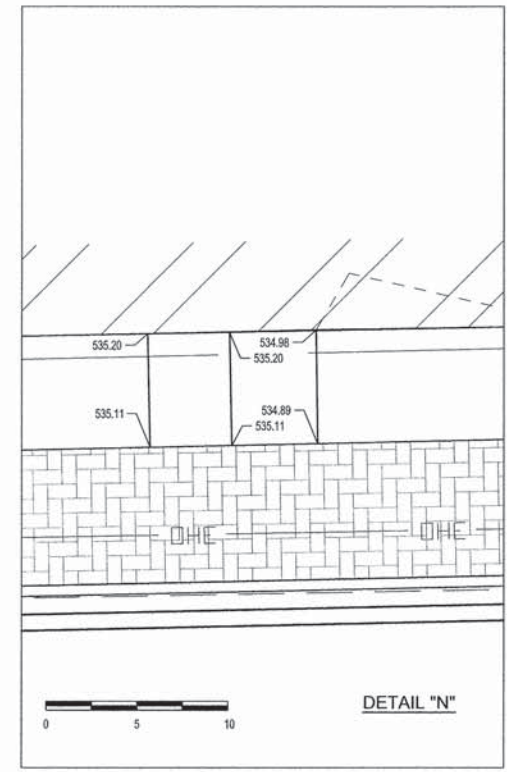
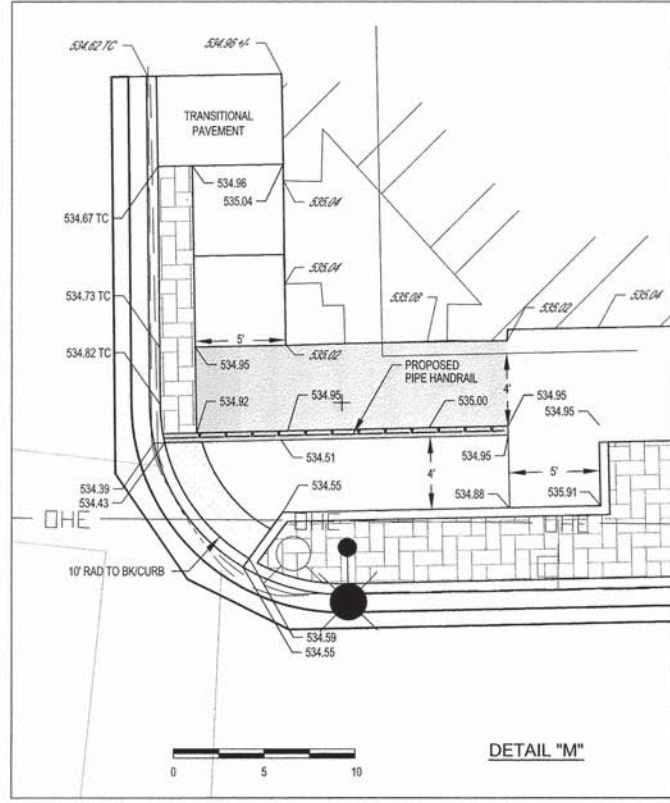
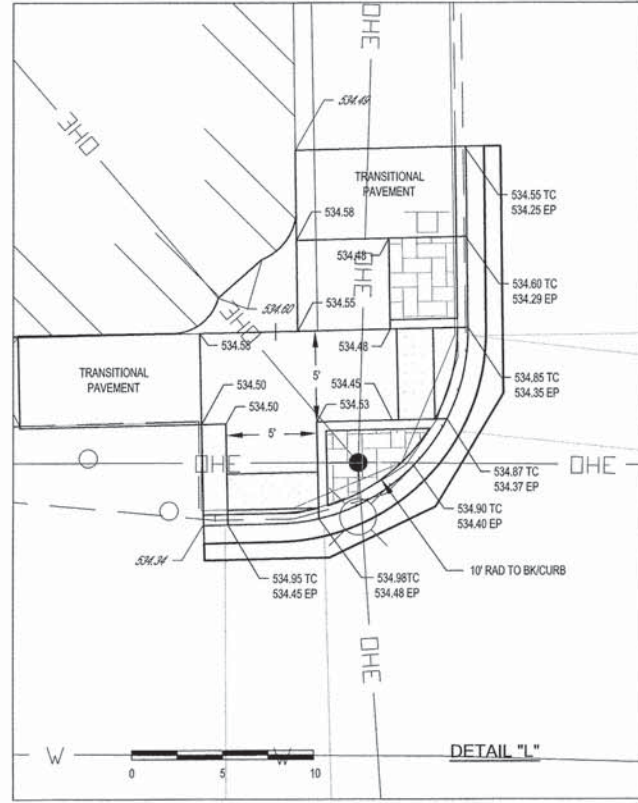
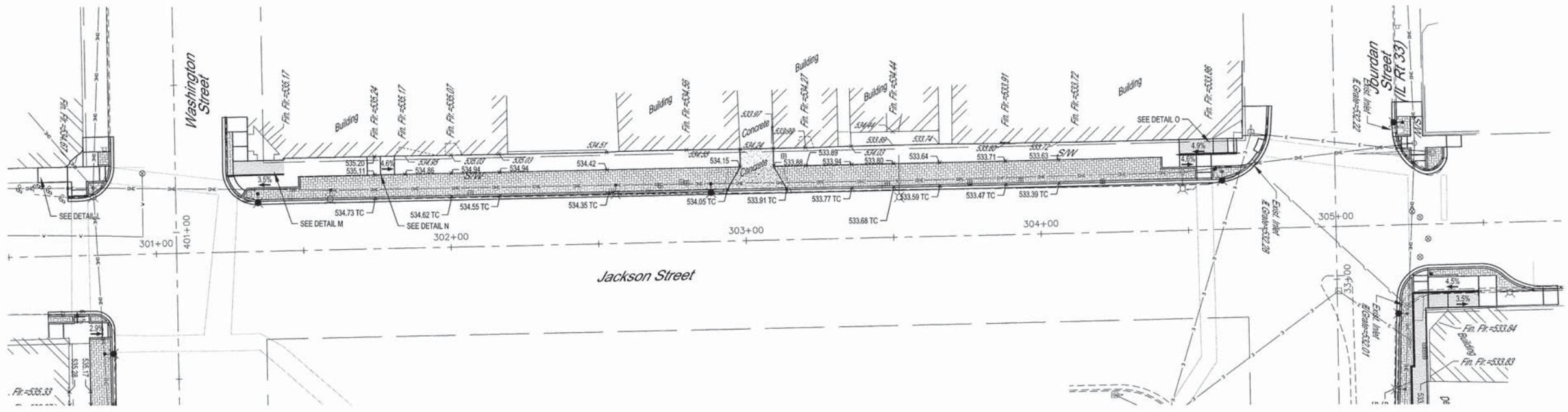
SIDEWALK PLAN
 JOURDAN STREET (IL RTE 33)
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\1313210\dwg\Sidewalk.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00047	00-SW	JASPER	43	31
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT:	
CONTRACT # 95772				



- LEGEND**
- HIGH EARLY PCC BASE COURSE 8"
 - PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
 - PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
 - PCC SIDEWALK, TEXTURED, COLORED, 4" INCH LEVELING BINDER (HAND METHOD), N30
 - PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
 - DETECTABLE WARNING
 - EXISTING ELEVATION
 - PROPOSED ELEVATION
 - 3.2% PROPOSED SIDEWALK SLOPE
 - FLOWLINE
 - TC TOP OF CURB
 - TS TOP OF STEP
 - BS BOTTOM OF STEP
 - EP EDGE OF PAVEMENT
 - M.E.G. MATCH EXISTING GRADE
 - PROPOSED LIGHT POLE



- SIDEWALK CONSTRUCTION NOTES:**
- SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1) UNLESS EXISTING ROAD PROFILE EXCEEDS 5%, AT WHICH TIME THE SIDEWALK RUNNING SLOPE MAY MATCH THE ROADWAY.
 - CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
 - CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%.
 - EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 - ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

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 Web Address: www.mgengineers.com
 Design Firm #: 184-003108

SIDEWALK PLAN
JACKSON STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

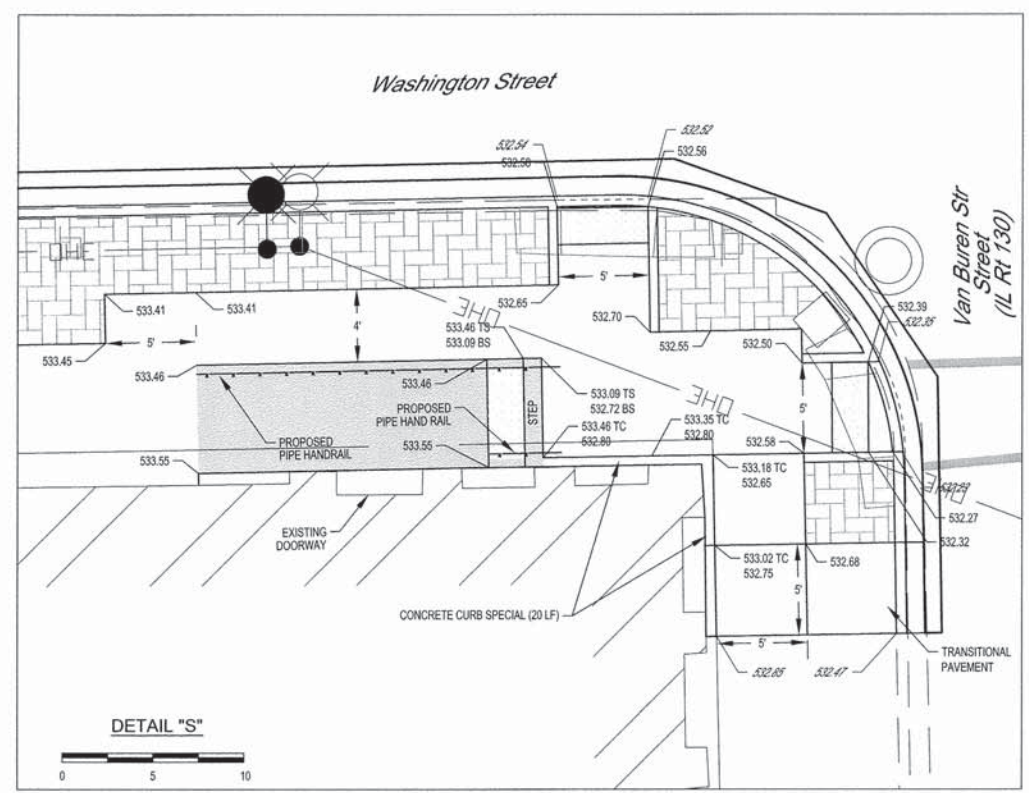
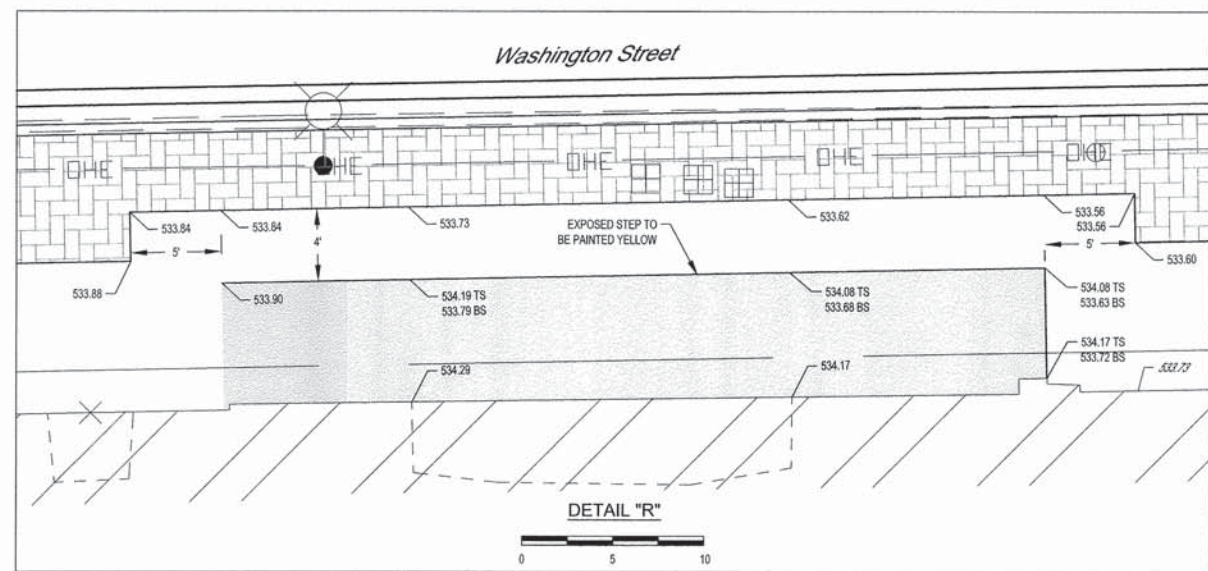
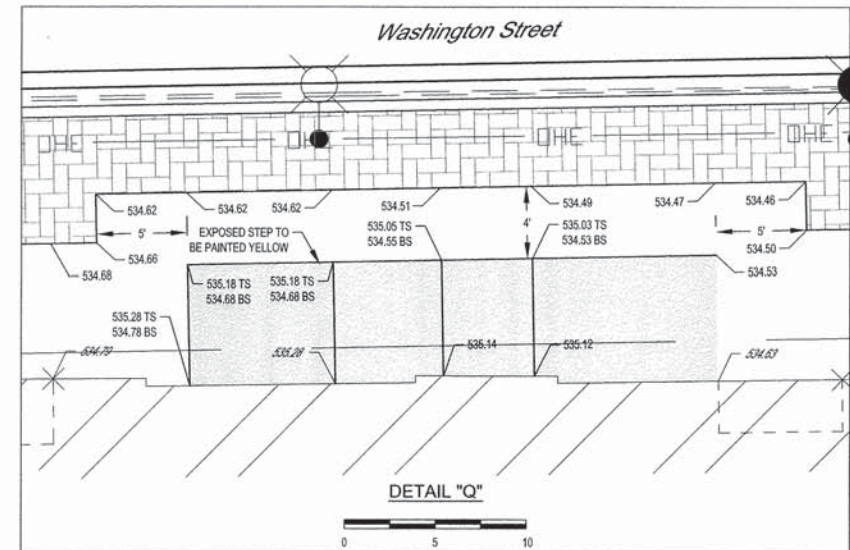
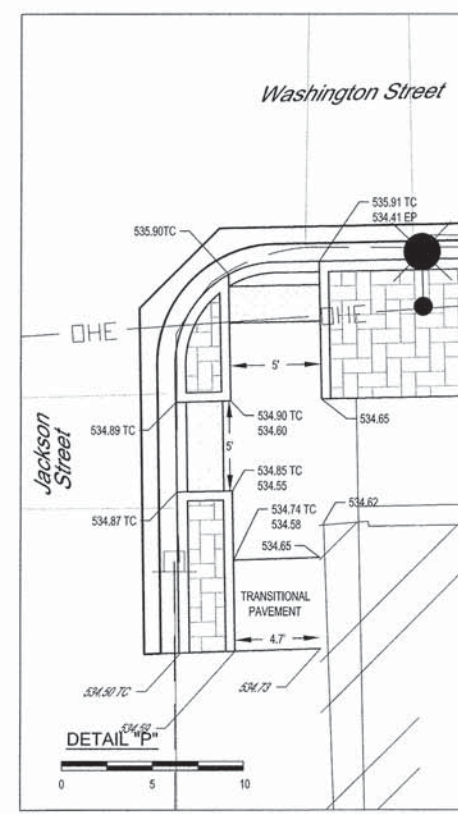
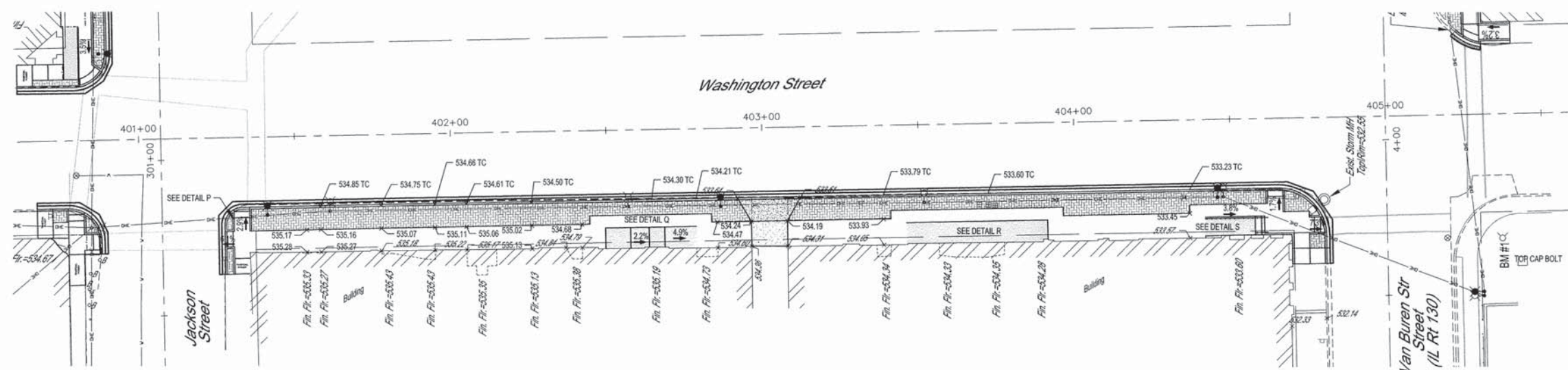
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 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	32
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT # 95772

LEGEND

- HIGH EARLY PCC BASE COURSE 8"
- PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
- PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL
- PCC SIDEWALK, TEXTURED, COLORED, 4" INCH LEVELING BINDER (HAND METHOD), N30
- PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH, SPECIAL
- DETECTABLE WARNING
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED SIDEWALK SLOPE
- FLOWLINE
- TC
- TS
- BS
- EP
- M.E.G.
- PROPOSED LIGHT POLE



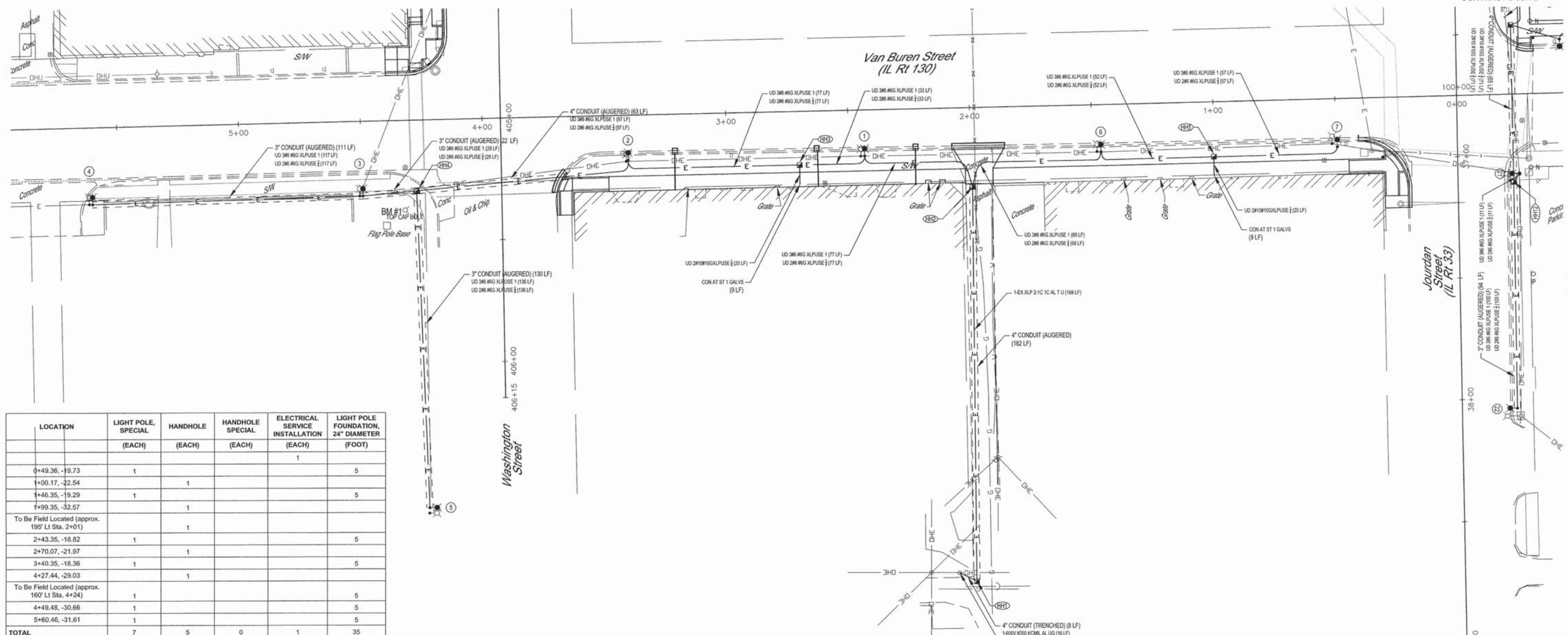
- SIDEWALK CONSTRUCTION NOTES:**
1. SIDEWALK RUNNING SLOPE SHALL NOT EXCEED 5% (20:1) UNLESS EXISTING ROAD PROFILE EXCEEDS 5%, AT WHICH TIME THE SIDEWALK RUNNING SLOPE MAY MATCH THE ROADWAY.
 2. CURB RAMPS SHALL NOT EXCEED 8.33% (12:1)
 3. CROSS SLOPE ON SIDEWALK SHALL NOT EXCEED 2.0%.
 4. EXPANSION JOINT MATERIAL SHALL BE PLACED ALONG THE EXISTING BUILDING AND FOUNDATIONS ADJACENT AND FULL DEPTH TO THE PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 5. ALL PROPOSED STEPS SHALL HAVE A HEIGHT BETWEEN 4" AND 7" AND MINIMUM DEPTH OF 11"

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 Web Address: www.mgengineers.com
 Design Firm #: 184-003108

SIDEWALK PLAN
 WASHINGTON STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\1313210\dwg\Sidewalk.dwg
 Plot date: 11/10/15

CONTRACT # 95772



LOCATION	LIGHT POLE, SPECIAL (EACH)	HANDHOLE (EACH)	HANDHOLE SPECIAL (EACH)	ELECTRICAL SERVICE INSTALLATION (EACH)	LIGHT POLE FOUNDATION, 24" DIAMETER (FOOT)
0+49.36, -19.73	1			1	5
1+00.17, -22.54		1			
1+46.35, -19.29	1				5
1+99.35, -32.57		1			
To Be Field Located (approx. 195' Lt Sta. 2+01)		1			
2+43.35, -18.82	1				5
2+70.07, -21.97		1			
3+40.35, -18.36	1				5
4+27.44, -29.03		1			
To Be Field Located (approx. 160' Lt Sta. 4+24)	1				5
4+49.48, -30.66	1				5
5+60.46, -31.61	1				5
TOTAL	7	5	0	1	35

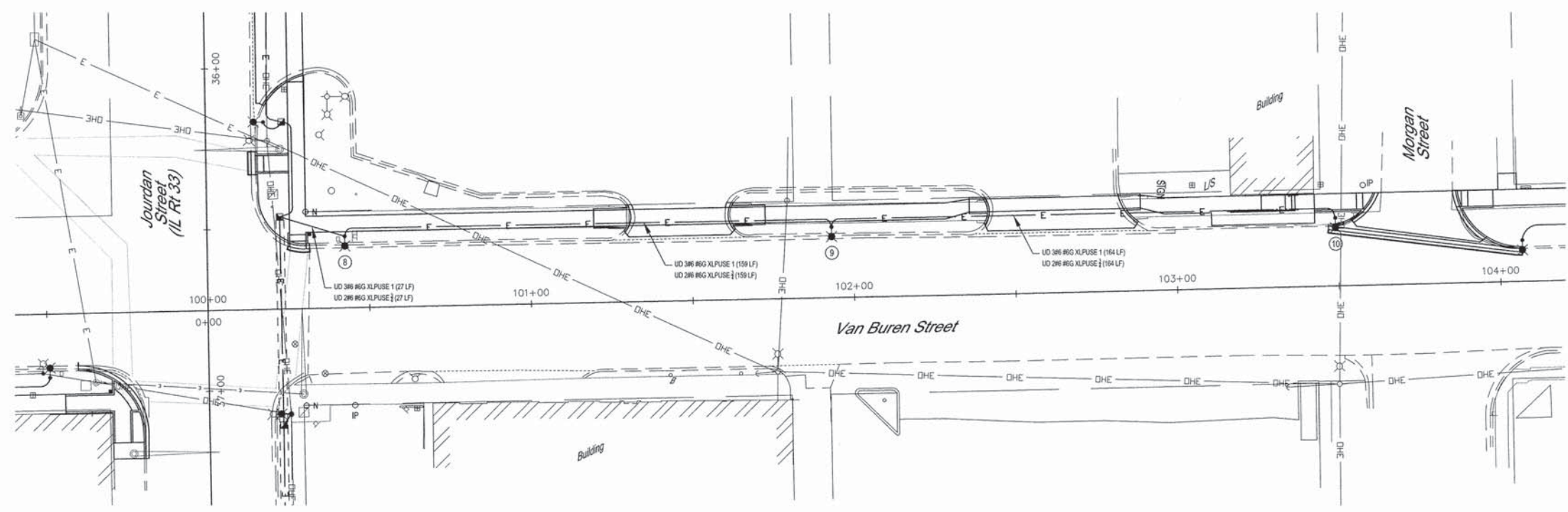
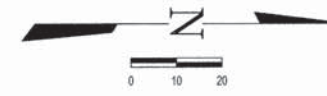
PT TO PT	UNDERGROUND CONDUIT, PVC, 3" DIA. (AUGERED) (FOOT)	UNDERGROUND CONDUIT, PVC, 4" DIA. (AUGERED) (FOOT)	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED) (FOOT)	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL (FOOT)	UNIT DUCT, 600V, 2-1C NO.10, 1/1C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (FOOT)	UNIT DUCT, 600V, 3-1C NO.10, 1/1C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (FOOT)	UNIT DUCT, 600V, 2-1C NO.6, 1/1C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (FOOT)	UNIT DUCT, 600V, 3-1C NO.6, 1/1C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE (FOOT)	ELECTRIC CABLE, 600V (XLP - TYPE USE) 2-1/1C 350MCM AND 1-1/1C 4/0, ALUMINUM, TRIPLEXED UNDERGROUND (FOOT)
POLE #422D			8						16
HH1		162							162
HH2							77	77	
1							33	33	
HH3							77	77	
HH3				9	20				
2		63					97	97	
HH4							28	28	
3		111					117	117	
HH4							136	136	
HH2		22					68	68	
6		130					52	52	
HH5							57	57	
HH5				9	20				
HH5									
Total	263	225	8	18	40	0	742	742	178

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 Web Address: www.mgengineers.com
 Design Firm #: 184-002108

STREET LIGHTING PLAN
 VAN BUREN STREET (IL RT 130)
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\lighting plan.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047-00-SW	JASPER	43	34
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT.		
CONTRACT # 95772				



LOCATION	LIGHT POLE, SPECIAL (EACH)	HANDHOLE (EACH)	HANDOLE SPECIAL (EACH)	ELECTRICAL SERVICE INSTALLATION (EACH)	LIGHT POLE FOUNDATION, 24" DIAMETER (FOOT)
100+42.64, -22.08	1				5
101+93.26, -21.81	1				5
103+49.18, 20.96	1				5
TOTAL	3	0	0	0	15

PT TO PT	UNDERGROUND CONDUIT, PVC, 3" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED)	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	UNIT DUCT, 600V, 2-1C NO.10, 1/1C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.10, 1/1C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 2-1C NO.6, 1/1C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.6, 1/1C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	ELECTRIC CABLE, 600V (XLP - TYPE USE) 2-1/1C 350MCM AND 1-1/1C 4/0, ALUMINUM, TRIPLEXED UNDERGROUND
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
HH11	8						27	27	
8	9						159	159	
9	10						164	164	
Total	0	0	0	0	0	0	350	350	0

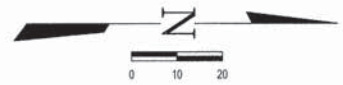
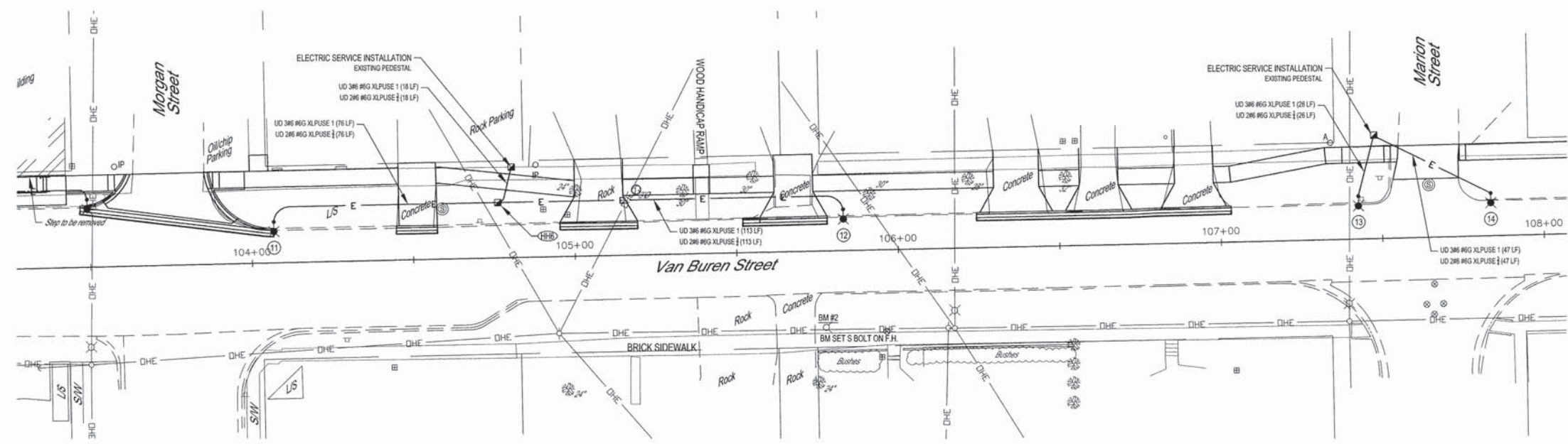
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engineering

MILANO & GRUNLOH ENGINEERS, LLC
114 WEST WASHINGTON
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Web Address: www.mgengineers.com
Design Firm #: 154-003108

File name: S:\DWG\13\13210\dwg\Lighting plan.dwg
Plot date: 11/10/15

STREET LIGHTING PLAN
VAN BUREN STREET
CITY OF NEWTON, ILLINOIS
SECTION 13-00047-00-SW
JASPER COUNTY, ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047 00-SW	JASPER	43	35
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		
CONTRACT # 95772				



PT TO PT		UNDERGROUND CONDUIT, PVC, 3" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED)	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	UNIT DUCT, 600V, 2-1C NO.10, 1/1C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.10, 1/1C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 2-1C NO.6, 1/1C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.6, 1/1C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	ELECTRIC CABLE, 600V (XLP - TYPE USE) 2-1/1C 350MCM AND 1-1/1C 4/0, ALUMINUM, TRIPLEXED UNDERGROUND
		(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
EX PED	HH6					18	18			
	HH6					76	76			
	HH6					113	113			
	EX PED					26	26			
	EX PED					47	47			
Total		0	0	0	0	0	0	280	280	0

LOCATION	LIGHT POLE, SPECIAL	HANDHOLE	HANDOLE SPECIAL	ELECTRICAL SERVICE INSTALLATION	LIGHT POLE FOUNDATION, 24" DIAMETER
	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)
104+06.85, -12.71	1				5
104+76.37, -17.16		1			
~ 104+80.75, -28.0				1	
105+83.15, -12.79	1				5
107+42.65, -13.25	1				5
~ 107+47.84, -32.0				2	
107+83.62, -13.21	1				5
TOTAL	4	1	0	3	20

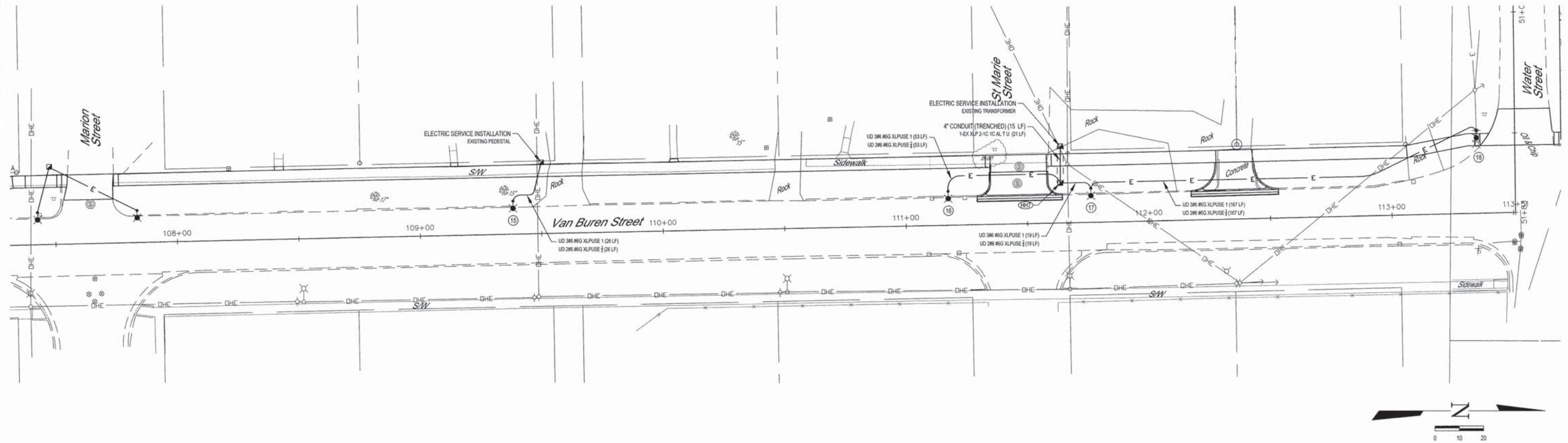
MILANO & GRUNLOH ENGINEERS, LLC
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 Design Firm #: 184-003108

STREET LIGHTING
 VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\lighting plan.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047-00-SW	JASPER	43	36
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

CONTRACT # 95772



PT TO PT	UNDERGROUND CONDUIT, PVC, 3" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED)	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	UNIT DUCT, 600V, 2-1C NO.10, 1/2 NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.10, 1/2 NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 2-1C NO.6, 1/2 NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.6, 1/2 NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	ELECTRIC CABLE, 600V (XLP - TYPE USE) 2-1/2 350MCM AND 1-1/2 40, ALUMINUM, TRIPLEXED UNDERGROUND
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
EX PED 15							26	26	
EX TRANS HH7			15						21
HH7 16						53	53		
HH7 17						19	19		
17 18						167	167		
Total	0	0	15	0	0	0	265	265	21

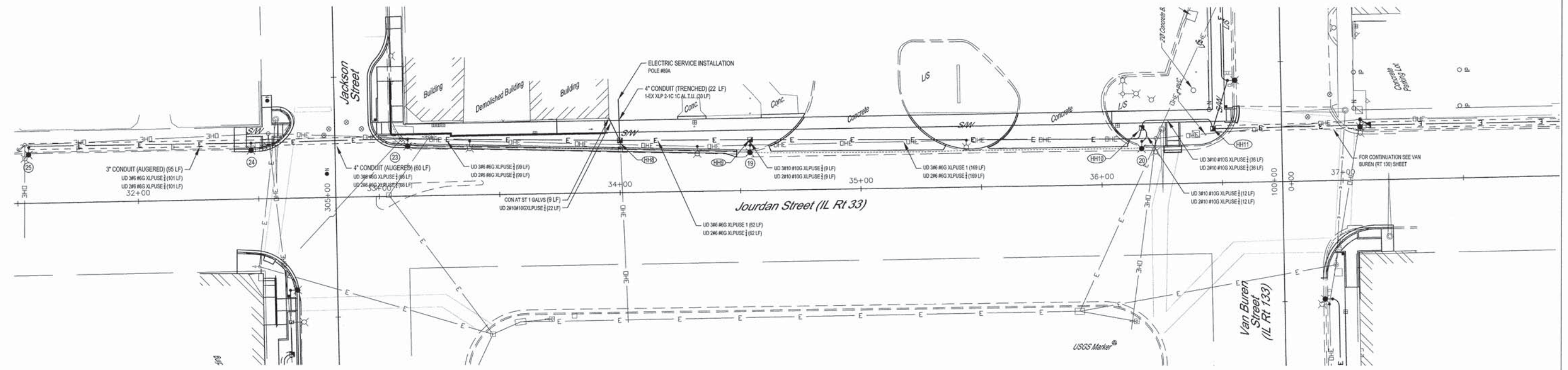
LOCATION	LIGHT POLE, SPECIAL (EACH)	HANDHOLE (EACH)	HANDLE SPECIAL (EACH)	ELECTRICAL SERVICE INSTALLATION (EACH)	LIGHT POLE FOUNDATION, 24" DIAMETER (FOOT)
109+38.40, -13.66		1			
~ 109+50.32, -29.4				1	
111+17.50, -14.04	1				5
111+63.74, -16.50		1			
~ 111+64.02, -31.6		1		1	
111+76.25, -14.07	1				5
113+35.35, -34.06	1				5
TOTAL	3	3	0	2	15

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 Design Firm #: 184-023108

STREET LIGHTING PLAN
 VAN BUREN STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\lighting plan.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00047	00-SW	JASPER	43	37
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT:	
CONTRACT # 95772				



PT TO PT		UNDERGROUND CONDUIT, PVC, 3\"/>								
POLE #89A	HH8			22						
HH8	HH9							62	62	30
HH8	BLDG			9	22			9	9	
HH9	19							169	169	
HH9	HH10							12	12	
HH10	20							36	36	
HH10	HH11							99	99	
HH8	23							66	66	
23	24	95	60					101	101	
24	25									
Total		95	60	22	9	22	0	554	554	30

LOCATION	LIGHT POLE, SPECIAL	HANDHOLE	HANDOLE SPECIAL	ELECTRICAL SERVICE INSTALLATION	LIGHT POLE FOUNDATION, 24\"/>
31+54.94, -23.15	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)
32+47.20, -23.21	1				5
33+12.19, -23.66	1				5
-33+99.81, -38.8		1			
34+00.21, -21.67				1	
34+54.21, -18.83	1				5
34+54.25, -21.20		1			
36+16.75, -17.85	1				5
36+16.81, -23.46		1			
36+46.36, -22.55		1			
37+07.55, -25.22	1				5
37+10.94, -22.83		1			
38+04.04, -22.59	1				5
TOTAL	7	5	0	1	35



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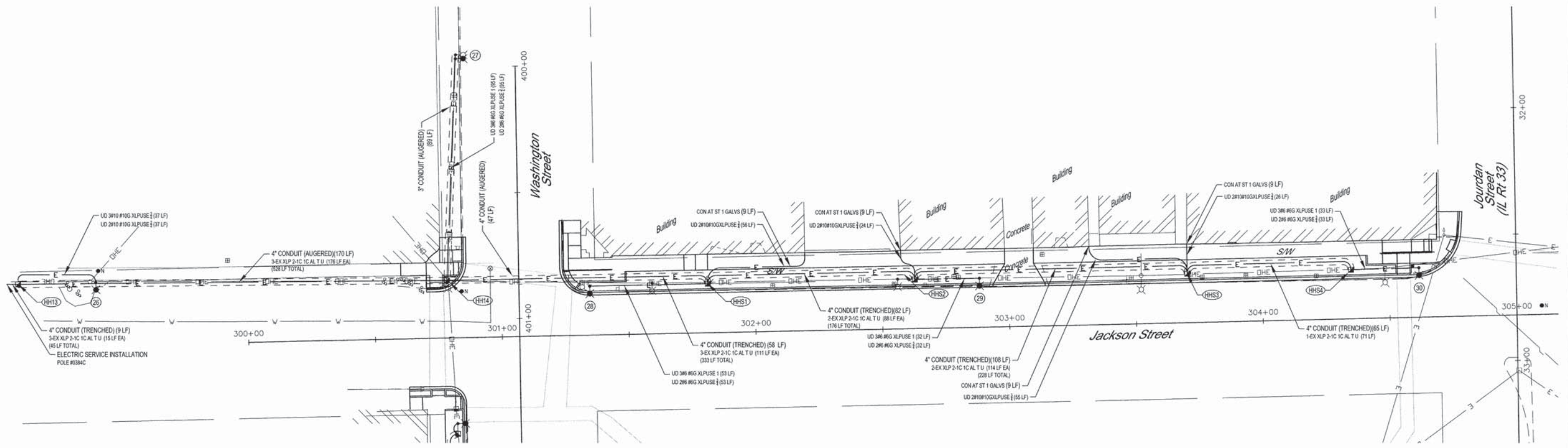
STREET LIGHTING PLAN
JOURDAN STREET (IL RT 33)
CITY OF NEWTON, ILLINOIS
SECTION 13-00047-00-SW
JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\lighting plan.dwg
Plot date: 11/10/15



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-0047	00-SW	JASPER	43	38
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT:	

CONTRACT # 95772



PT TO PT		UNDERGROUND CONDUIT, PVC, 3" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (AUGERED)	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED)	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	UNIT DUCT, 600V, 2-1C NO.10, 1/2 NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.10, 1/2 NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 2-1C NO.6, 1/2 NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	UNIT DUCT, 600V, 3-1C NO.6, 1/2 NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	ELECTRIC CABLE, 600V (XLP-TYPE USE) 2-1/2 350MCM AND 1-1/2 4/0, ALUMINUM, TRIPLEXED UNDERGROUND
		(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
POLE #0384C	HH13			9						45
	HH13					37	37			
	HH13		170							528
	HH14	89						95	95	
	HH14		47	58						333
	HHS1							53	53	
	HHS1				9	56				
	HHS1			82						176
	HHS2							32	32	
	HHS2				9	24				
	HHS2			108						228
	HHS3				9	55				
	HHS3				9	26				
	HHS3			65						71
	HHS4							33	33	
	Total	89	217	322	36	198	37	213	213	1381

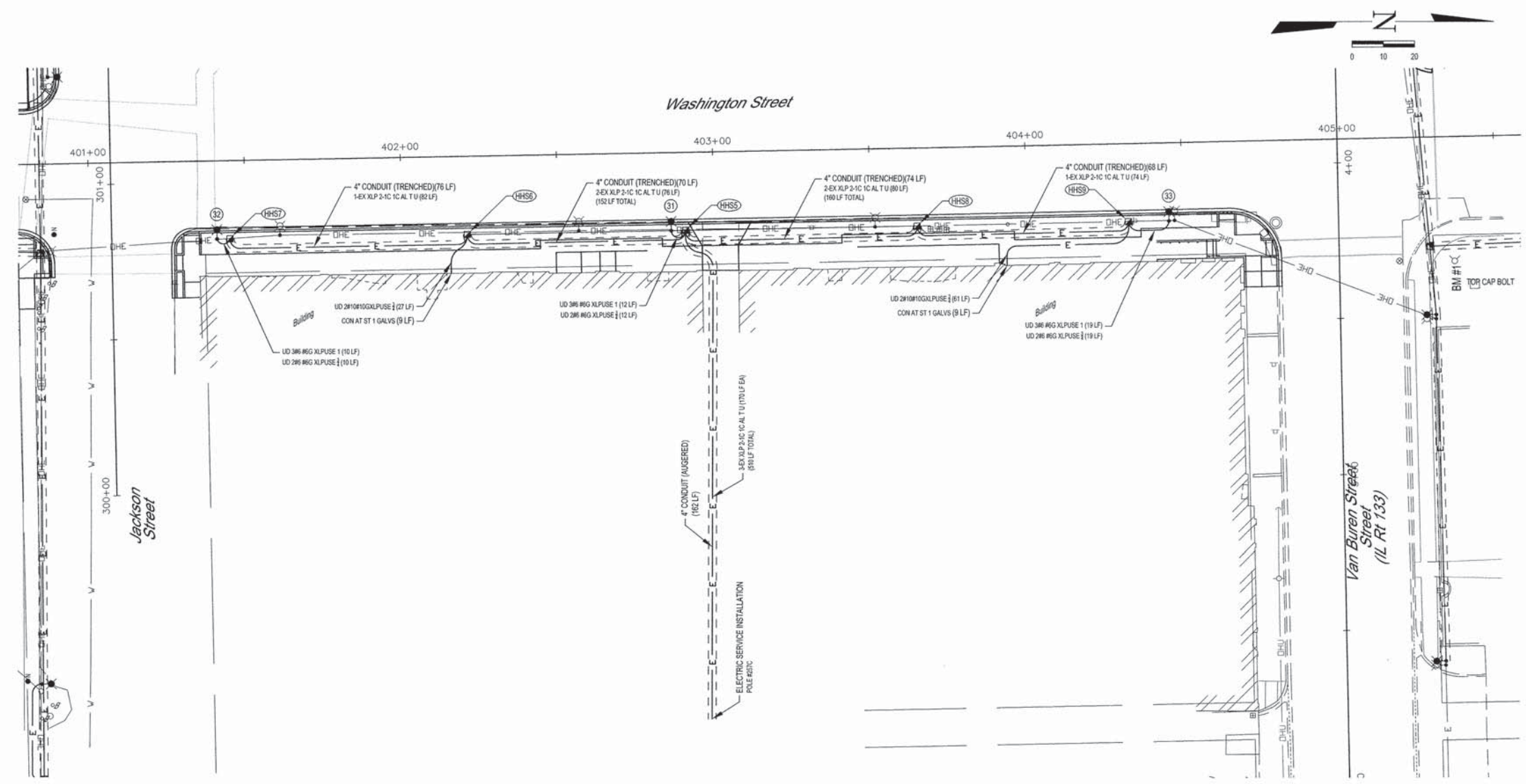
LOCATION	LIGHT POLE, SPECIAL (EACH)	HANDHOLE (EACH)	HANDHOLE SPECIAL (EACH)	ELECTRICAL SERVICE INSTALLATION (EACH)	LIGHT POLE FOUNDATION, 24" DIAMETER (FOOT)
FIELD LOCATED				1	
FIELD LOCATED		1			5
FIELD LOCATED	1				
300+78.56, -22.94		1			
300+83.64, -110.55	1				5
301+34.80, -19.50	1				5
301+81.35, -19.50			1		
302+62.96, -19.50			1		
302+88.40, -19.50	1				5
303+70.37, -19.50			1		
304+34.93, -19.50			1		
304+61.69, -19.60	1				5
TOTAL	5	2	4	1	25

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 Design Firm #: 184-00108

STREET LIGHTING PLAN
 JACKSON STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\lighting plan.dwg
 Plot date: 11/10/15

CONTRACT # 95772



LOCATION	LIGHT POLE, SPECIAL (EACH)	HANDHOLE (EACH)	HANDHOLE, SPECIAL (EACH)	ELECTRICAL SERVICE INSTALLATION (EACH)	LIGHT POLE FOUNDATION, 24" DIAMETER (FOOT)
401+40.97, 25.00	1				5
401+45.14, 25.00			1		
402+21.06, 25.00			1		
402+86.37, 25.00	1				5
402+90.97, 25.00			1		
~402+96.62, 182.57				1	
403+65.06, 25.00			1		
404+32.78, 25.00			1		
404+45.77, 25.00	1				5
TOTAL	3	0	5	1	15

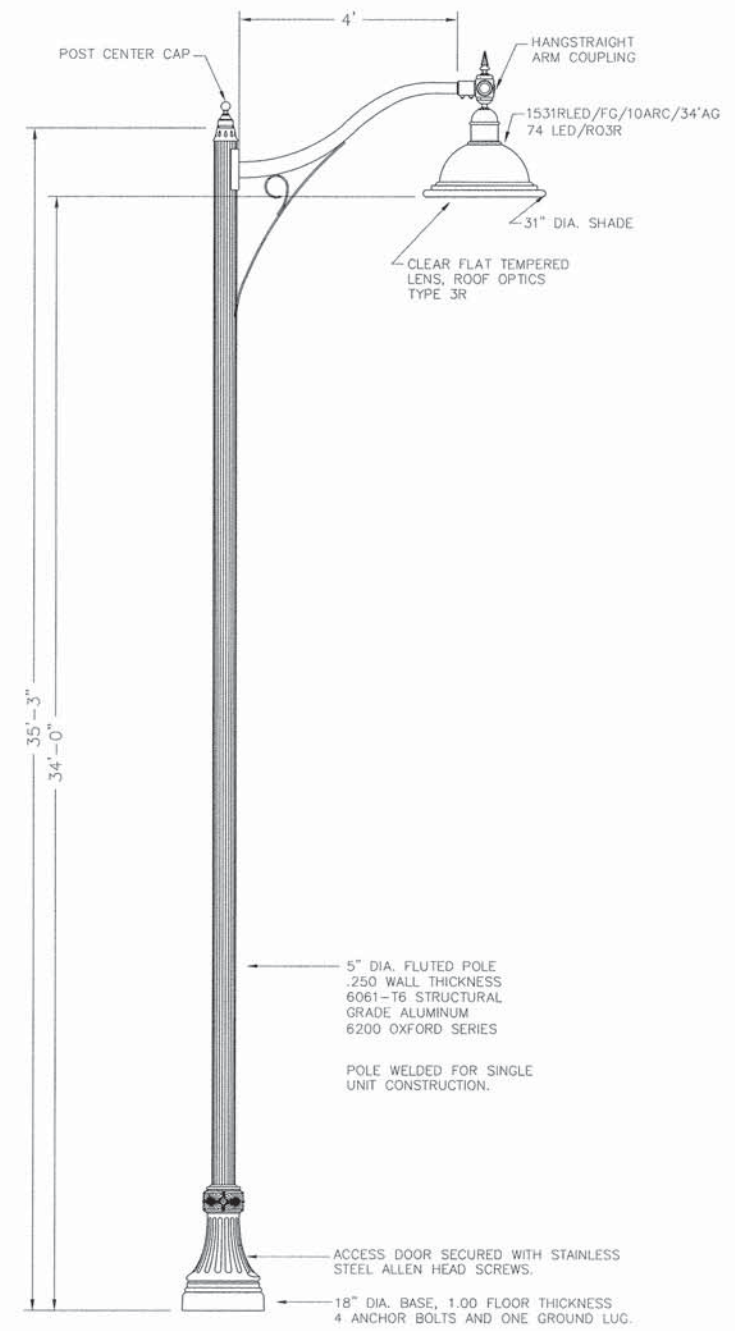
PT TO PT		UNDERGROUND CONDUIT, PVC, 3" DIA. (AUGERED) (FOOT)	UNDERGROUND CONDUIT, PVC, 4" DIA. (AUGERED) (FOOT)	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED) (FOOT)	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL (FOOT)	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (FOOT)	UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (FOOT)	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (FOOT)	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE (FOOT)	ELECTRIC CABLE, 600V (XLP - TYPE USE) 2-1/C 350MCM AND 1-1/C 4/0, ALUMINUM, TRIPLEXED UNDERGROUND (FOOT)
POLE #257C	HHS5		162							510
HHS5	31						12		12	
HHS5	HHS6			70						152
HHS6	BLDG				9	27				
HHS6	HHS7			76						82
HHS7	32						10		10	
HHS5	HHS8			74						160
HHS8	BLDG				9	61				
HHS8	33						19		19	
Total		0	162	220	18	88	0	41	41	904

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 Design Firm #: 184-003108

STREET LIGHTING PLAN
 WASHINGTON STREET
 CITY OF NEWTON, ILLINOIS
 SECTION 13-00047-00-SW
 JASPER COUNTY, ILLINOIS

File name: S:\DWG\13\13210\dwg\lighting plan.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	40
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT:		
CONTRACT # 95772				



LIGHT POLE, SPECIAL

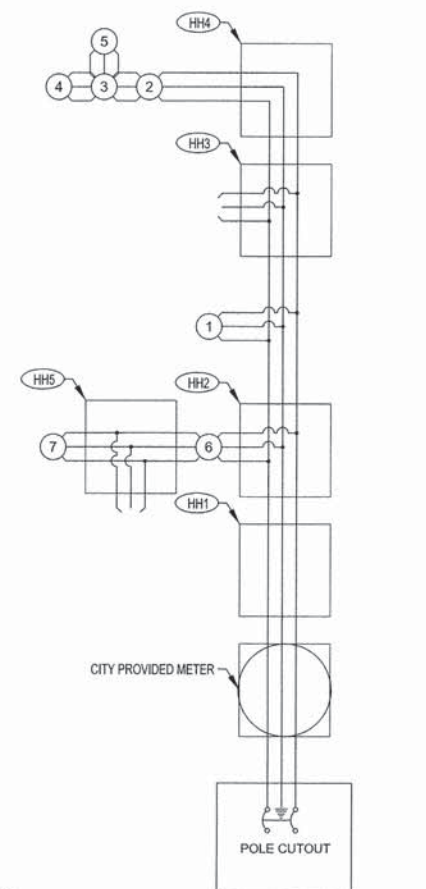
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STREET LIGHTING PLAN
 VAN BUREN STREET (IL RT 130)
 CITY OF NEWTON, ILLINOIS

File name: S:\DWG\13\13210\dwg\lighting details.dwg
 Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	41
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

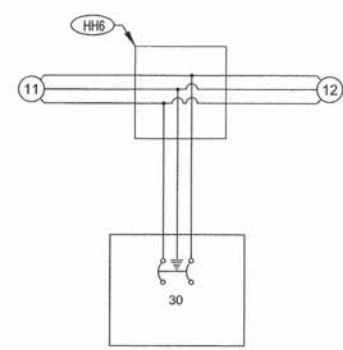
CONTRACT # 95772



PROPOSED
ELECTRICAL CONNECTION AT POLE #422D

- LEGEND**
- # PROPOSED LIGHT ASSEMBLY
 - ⎓ CIRCUIT BREAKER
 - 30 CIRCUIT AMPERAGE

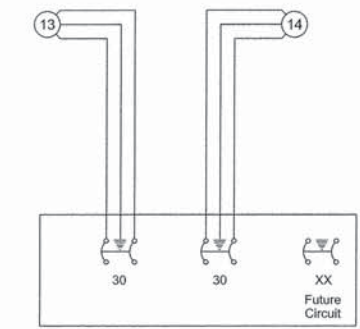
WIRING DIAGRAM
VAN BUREN STREET (IL RT 130)



PROPOSED
ELECTRICAL CONNECTION AT EXISTING PEDESTAL

- LEGEND**
- # PROPOSED LIGHT ASSEMBLY
 - ⎓ CIRCUIT BREAKER
 - 30 CIRCUIT AMPERAGE

WIRING DIAGRAM
VAN BUREN STREET
(MORGAN STREET TO ST. MARIE STREET)



PROPOSED
ELECTRICAL CONNECTION AT EXISTING PEDESTAL (MARION ST)

- LEGEND**
- # PROPOSED LIGHT ASSEMBLY
 - ⎓ CIRCUIT BREAKER
 - 30 CIRCUIT AMPERAGE

WIRING DIAGRAM
VAN BUREN STREET
(ST. MARIE STREET TO WATER STREET)

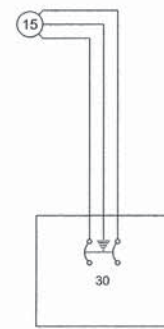
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LIGHTING SCHEMATICS
SIDEWALK ENHANCEMENT
CITY OF NEWTON, ILLINOIS

File name: S:\DWG\13\13210\dwg\Street Lighting.dwg
Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0047 0A-SW	JASPER	43	42
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

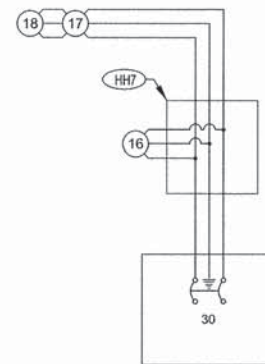
CONTRACT # 95772



PROPOSED
ELECTRICAL CONNECTION AT EXISTING PEDESTAL (STA 109+50)

- LEGEND**
- # PROPOSED LIGHT ASSEMBLY
 - ⎓ CIRCUIT BREAKER
 - 30 CIRCUIT AMPERAGE

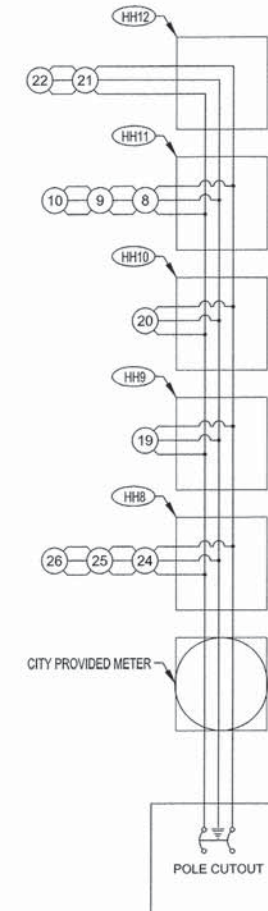
WIRING DIAGRAM
VAN BUREN STREET
(ST. MARIE STREET TO WATER STREET)



PROPOSED
ELECTRICAL CONNECTION AT EXISTING PEDESTAL (MARION ST)

- LEGEND**
- # PROPOSED LIGHT ASSEMBLY
 - ⎓ CIRCUIT BREAKER
 - 30 CIRCUIT AMPERAGE

WIRING DIAGRAM
VAN BUREN STREET
(ST. MARIE STREET TO WATER STREET)



PROPOSED
ELECTRICAL CONNECTION AT POLE #69A

- LEGEND**
- # PROPOSED LIGHT ASSEMBLY
 - ⎓ CIRCUIT BREAKER
 - 30 CIRCUIT AMPERAGE

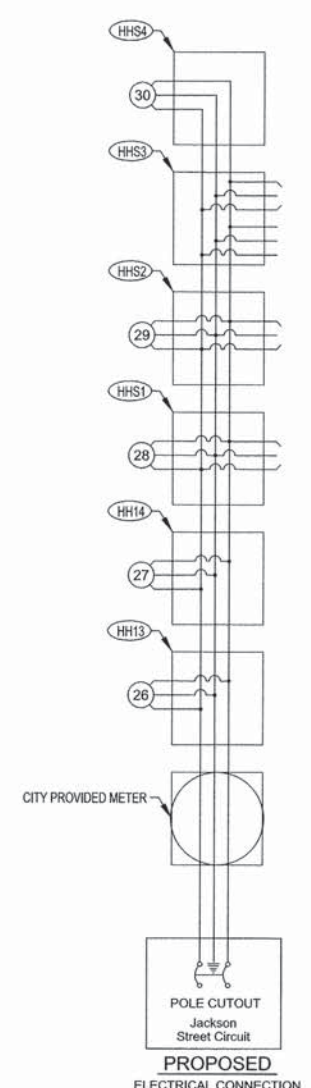
WIRING DIAGRAM
JOURDAN STREET (IL RT 33)

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LIGHTING SCHEMATICS
SIDEWALK ENHANCEMENT
CITY OF NEWTON, ILLINOIS

File name: S:\DWG\13\13210\dwg\Street Lighting.dwg
Plot date: 11/10/15

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00047 00-SW	JASPER	43	43
FED. ROAD DIST. NO. 7	SLINIOS	FED. AID PROJECT.		
CONTRACT # 95772				

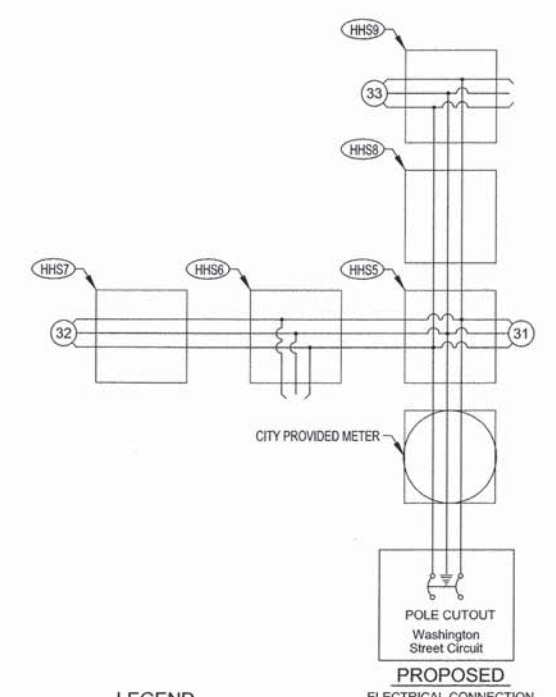


LEGEND

PROPOSED LIGHT ASSEMBLY
 ⚡ CIRCUIT BREAKER
 30 CIRCUIT AMPERAGE

PROPOSED ELECTRICAL CONNECTION

WIRING DIAGRAM
JACKSON STREET



LEGEND

PROPOSED LIGHT ASSEMBLY
 ⚡ CIRCUIT BREAKER
 30 CIRCUIT AMPERAGE

PROPOSED ELECTRICAL CONNECTION

WIRING DIAGRAM
WASHINGTON STREET

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LIGHTING SCHEMATICS
 SIDEWALK ENHANCEMENT
 CITY OF NEWTON, ILLINOIS

File name: S:\DWG\13\13210\dwg\Street Lighting.dwg
 Plot date: 11/10/15