

01-17-2020 LETTING ITEM 150

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED

CONTRACT NO. 95864

*	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	13-00055-00-SW	SHELBY	44	1

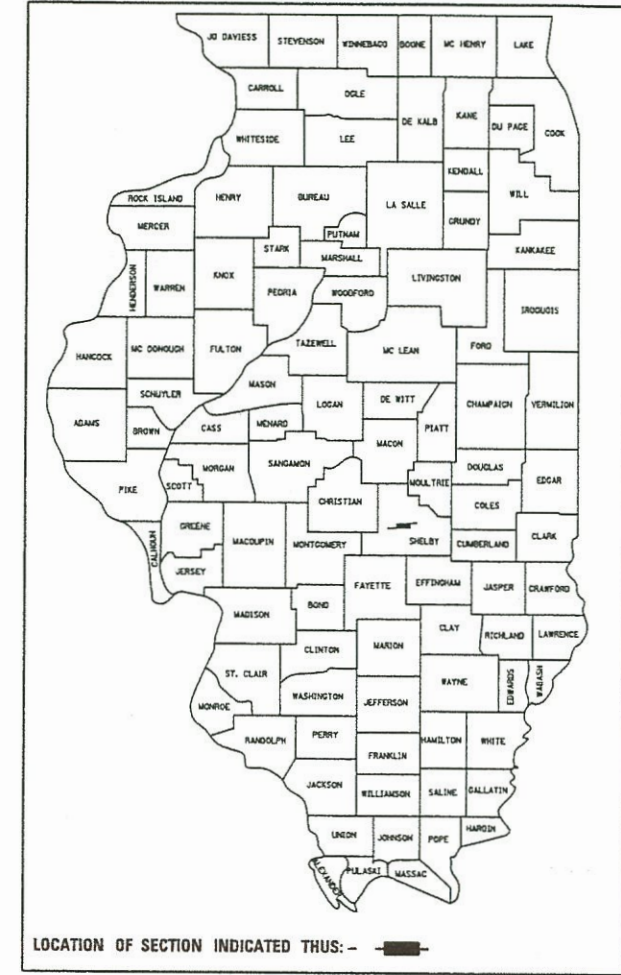
\*\* MAIN STREET IL RT 16

**INDEX OF SHEETS**  
**SEE SHEET 2 OF 44 SHEETS**

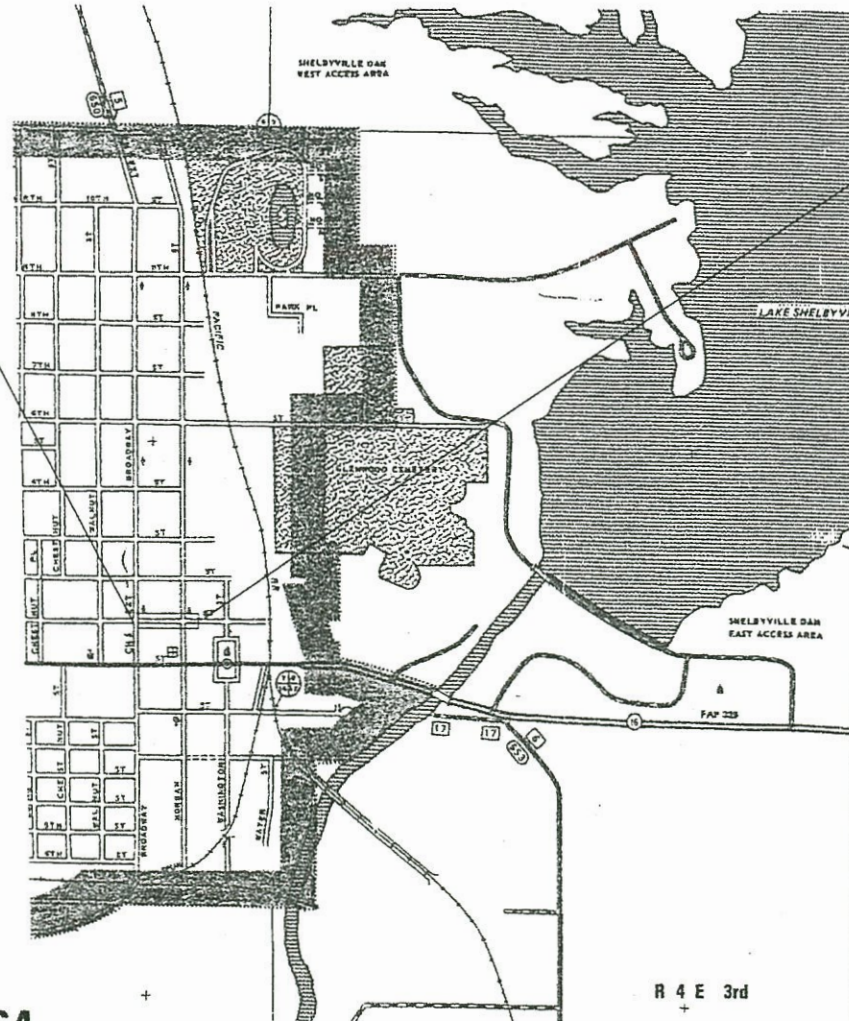
**LIST OF STANDARDS**  
**SEE SHEET 2 OF 44 SHEETS**

## CITY OF SHELBYVILLE IL SHELBY COUNTY SECTION 13-00055-00-SW

PROJECT NO. TU34(077)  
JOB NUMBER C-97-007-19



**BEGIN PROJECT**  
**STA 1050 + 71.69**



**END PROJECT**  
**STA 1058 + 34.00**

**PLANS PREPARED BY:**  
**SHELBY ENGINEERING**  
**1010 E. NORTHLAND DR.**  
**SHELBYVILLE ILLINOIS 62565**  
**217-820-2278**

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

**PROJECT LENGTH**  
**762.31 foot = 0.144 miles**

PLANS PREPARED BY:  
  
**S. ALAN SPESARD** DATE **09-14-2019**  
**LICENSED PROFESSIONAL ENGINEER OF IL**  
**NUMBER 062-052965**  
**EXPIRATION DATE 11-30-2019**



**CITY OF SHELBYVILLE**

APPROVED 09-14-2019  
  
MAYOR, CITY OF SHELBYVILLE ILLINOIS

PASSED Nov 18 2019  
  
DISTRICT SEVEN ENGINEER OF LOCAL ROAD AND STREETS

APPROVED Nov 18 2019  
  
REGION FOUR ENGINEER

RELEASING FOR BID BASED ON LIMITED REVIEW

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**CONTRACT NUMBER 95864**

LIST OF STANDARDS

STANDARD #	STANDARD NAME
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-04	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-01	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-09	PRECAST MANHOLE TYPE A 6' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE
701001-02	OFF-RD OPERATIONS 2L, 2W, MORE THEN 15' AWAY
701006-05	OFF-RD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAIL
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
825011-04	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	GENERAL NOTES, INDEX OF STANDARDS, INDEX OF SHEETS
3-4.	SUMMARY OF QUANTITIES
5.	TYPICAL CROSS SECTIONS
6.	ALIGNMENT, TIES AND BENCHMARKS
7-14.	MISCELLANEOUS DETAILS, SCHEDULES
15-17.	DEMOLITION PLANS
18-20.	ROADWAY PLANS
21-23.	SIDEWALK GRADING PLANS
24-27.	CURB RAMP ELEVATIONS
28.	ISOMETRIC RAMP DETAILS
29.	HANDRAIL DETAIL
30-33.	STORM SEWER PLANS
34-39.	TRAFFIC SIGNAL MODIFICATIONS
40-44.	LIGHTING PLANS

GENERAL NOTES

ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON AN ASSUMED DATUM.

BEFORE ORDERING ANY STORM SEWERS, MANHOLES, INLETS, AND PIPE DRAIN, ETC. SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

THE ACTUAL LOCATION OF ALL SIGNAL FOUNDATIONS, HANDHOLES AND GULFBOXES WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. NOTES WITHIN THE PLANS ARE INTENDED FOR GUIDANCE ONLY.

THESE PLANS WERE ESTABLISHED TO MEET THE CURRENT ADA POLICY IN PROVIDING AN ACCESSIBLE ROUTE THROUGHOUT THE PROJECT AREA. THE CONTRACTOR SHALL BE AWARE THE PROPOSED ELEVATIONS ARE PROVIDED FOR GUIDANCE AND SHOULD THE PROPOSED ELEVATION RESULT IN A CROSS SLOPE GREATER THAN 2%, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO FORMULATE A SOLUTION. IT SHOULD ALSO BE NOTED THERE ARE A NUMBER OF AREAS WHERE THE FIRIST 3.33' TO 5.33' OF SIDEWALK, BEHIND THE BACK OF CURB, HAS A SLOPE GREATER THAN 2%. THESE AREAS ARE NOT INTENDED FOR PEDESTRIAN TRAVEL. HOWEVER THE REMAINING PORTION OF SIDEWALK HAS A CROSS SLOPE LESS THAN 2%.

UTILITIES:

THE ONLY UTILITIES KNOWN TO BE ON THIS PROJECT ARE AS FOLLOWS:

1. TELEPHONE CONSOLIDATED COMMUNICATIONS (\*\*) (\*\*\*)  
121 SOUTH 17TH STREET  
MATTOON, ILLINOIS 61938  
217-273-8320
2. GAS AMEREN CIPS (\*\*) (\*\*\*)  
711 SOUTH 9TH STREET  
MATTOON, ILLINOIS 61938
3. POWER AMEREN CIPS (\*\*) (\*\*\*)  
420N 2400 EAST ROAD  
PANA, ILLINOIS 62557  
217-273-0906
4. WATER CITY OF SHELBYVILLE ILLINOIS (\*\*) (\*\*\*)  
151 SOUTH MORGAN STREET  
SHELBYVILLE, ILLINOIS 62562  
217-774-5131
5. SEWER CITY OF SHELBYVILLE ILLINOIS (\*\*) (\*\*\*)  
151 SOUTH MORGAN STREET  
SHELBYVILLE, ILLINOIS 62565  
217-774-5131
6. CABLE TV NEW - WAVE COMMUNACATIONS (\*\*) (\*\*\*)  
1 MONTGOMERY PLAZA 4<sup>TH</sup> FLOOR  
SIKESTON MO 63801

(\*\*) J.U.L.I.E. MEMBER  
 (\*\*\*) RELOCATION DURING CONSTRUCTION  
 FOR JOINT UTILITY INFORMATION CALL, 1-800-892-0123

GENERAL NOTES			
SCALE: N/A	APPROVED BY: SAS	DRAWN BY: CRS	
DATE: 12/23/17		REVISED: KPP	
CITY OF SHELBYVILLE			
SECTION 13-000-SS-00-SW			DRAWING NUMBER

SUMMARY OF QUANTITIES

ITEM #	ITEM	UNIT	TOTAL QUANTITY
20800150	TRENCH BACKFILL	CU YD	535
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	209
21301084	EXPLORATION TRENCH 84" DEPTH	FOOT	100
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	8
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8
25200110	SODDING, SALT TOLERANT	SQ YD	39
25200200	SUPPLEMENTAL WATERING	UNIT	6
28000500	INLET AND PIPE PROTECTION	EACH	13
42000680	PORTLAND CEMENT CONCRETE PAVEMENT 19"	SQ YD	179
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	374
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	15232
42400800	DETECTABLE WARNINGS	SQ FT	268
44000100	PAVEMENT REMOVAL	SQ YD	939
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	334
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	784
44000600	SIDEWALK REMOVAL	SQ FT	16868
44201453	CLASS C PATCHES, TYPE II, 19 INCH	SQ YD	26
44201455	CLASS C PATCHES, TYPE III, 19 INCH	SQ YD	20
44201457	CLASS C PATCHES, TYPE IV, 19 INCH	SQ YD	56
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	512
50901760	PIPE HANDRAIL	FOOT	108.7
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	260
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	268
550A0130	STORM SEWERS, CLASS A, TYPE 1 27"	FOOT	115
56109210	WATER VALVES TO BE ADJUSTED	EACH	3
56200200	WATER SERVICE LINE 3/4"	FOOT	30
56200300	WATER SERVICE LINE 1"	FOOT	10
56400100	FIRE HYDRANTS TO BE MOVED	EACH	2
56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	2
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1

60223810	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	5
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	3
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1787
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	145
66900530	SOIL DISPOSAL ANALYSIS	EACH	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	24
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	352
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	68
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	187.2
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1583
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1130
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	384
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	131
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	31
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	48
80400100	ELECTRICAL SERVICE INSTALLATION	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	1464
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	996
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	222
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	1
81500130	GULFBOX JUNCTION REMOVAL	EACH	1
81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	1665
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3330
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	40
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	192

△ Specialty Items

SUMMARY OF QUANTITIES			
SCALE: N/A	APPROVED BY:	DRAWN BY:	
DATE:		REVISED:	
CITY OF SHELBYVILLE			
SECTION: 13-00055-00-SW			DRAWING NUMBER:

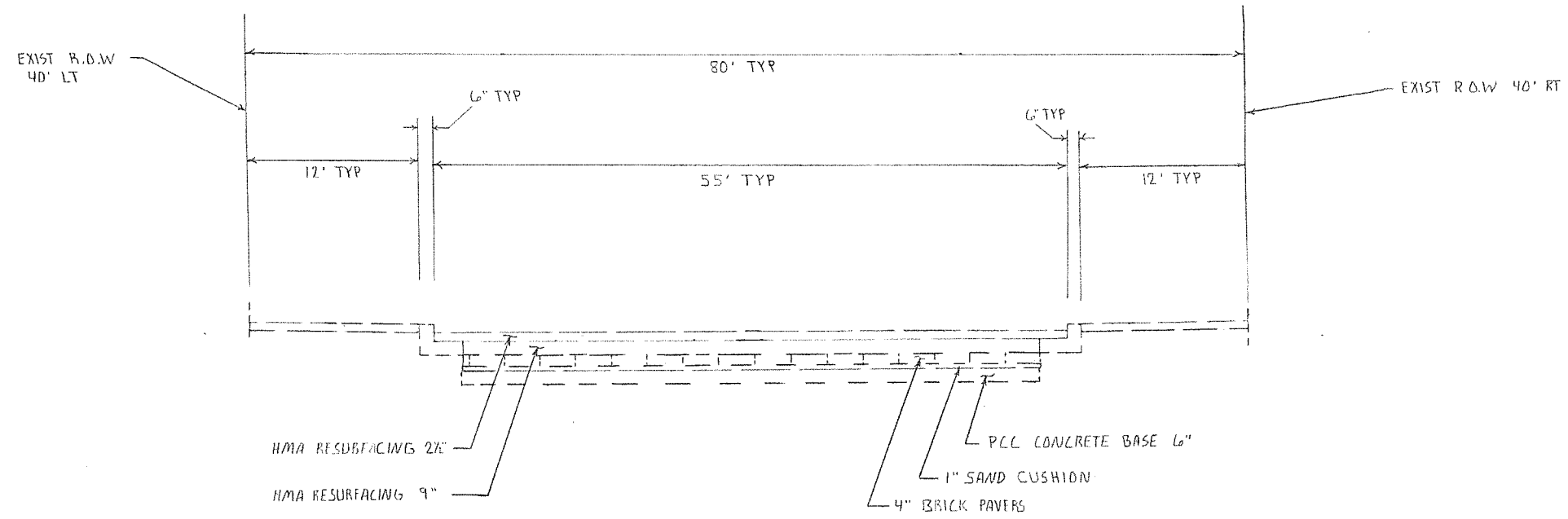
△	81702420	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	4158
△	82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1
△	84200804	REMOVAL OF POLE FOUNDATION	EACH	11
△	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1
△	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
△	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1492
△	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	524
△	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1472
△	87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	1301
△	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1092
△	87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE 1	EACH	12
△	87702870	STEEL COMBINATION MAST ARM AND POLE 28 FT	EACH	1
△	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
△	87800400	CONCRETE FOUNDATION, TYPE E 30 INCH DIAMETER	FOOT	13
△	87900100	DRILL EXISTING FOUNDATION	EACH	3
△	87900200	DRILL EXISTING HANDHOLE	EACH	13
△	88600100	DETECTOR LOOP, TYPE I	FOOT	842
△	88800100	PEDESTRIAN PUSH-BUTTON	EACH	16
△	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	4
△	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	6
△	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
△	89502300	REMOVE EXISTING CABLE FROM CONDUIT	FOOT	715
△	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
△	89502380	REMOVE EXISTING HANDHOLE	EACH	3
△	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
△	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
△	X0100019	SPECIAL WASTE PLANS AND REPORTS (SPECIAL)	L SUM	1
△	X0327141	LIGHTING STANDARD, TYPE 4A	EACH	9
△	X0327142	LIGHTING STANDARD, TYPE 4B	EACH	9
△	X0327980	PAVEMENT MARKING REMOVAL- WATER BLAST	SQ FT	1768
△	X0539800	TREE GRATES	EACH	5
△	X1400013	REMOVAL OF CABLE IN CONDUIT	FOOT	450
△	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50
△	X8140115	HANDHOLE TO BE ADJUSTED	EACH	5

△	X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	18
	XX003219	UNIT PAVERS	SQ FT	2658
	Z0007120	WELDED WIRE FABRIC 6X6	SQ YD	36
△	X8809010	LED SIGNAL FACE RETROFIT, 12" COUNTDOWN TIMER	EACH	16
	Z0013798	CONSTRUCTION LAYOUT	L. SUM	1
△	Z0014900	CURB STOPS 3/4"	EACH	3
△	Z0015000	CURB STOPS 1"	EACH	1

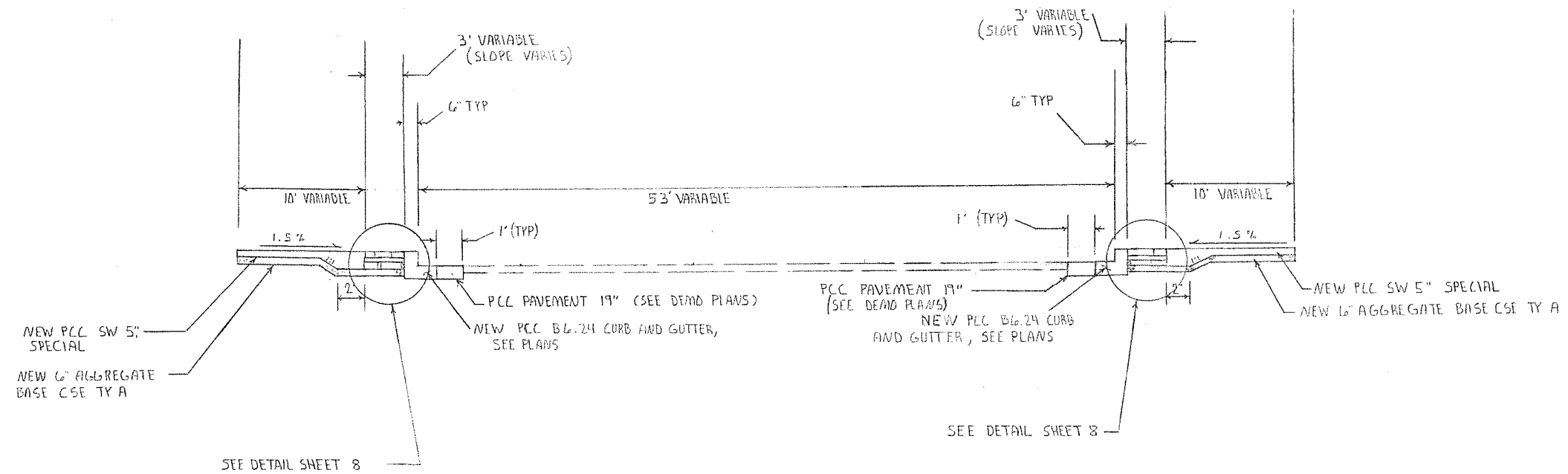
△ Specialty Items

SUMMARY OF QUANTITIES			
SCALE: N/A	APPROVED BY:	DRAWN BY:	
DATE:		REVISED:	
CITY OF SHELBYVILLE			
SECTION: 13-00055-00-SW			DRAWING NUMBER:

CITY OF SHELBYVILLE
SECTION 13-00055-00-SW
SHELBY COUNTY
CONTRACT # 95864
SHEET 5 OF 4# SHEETS

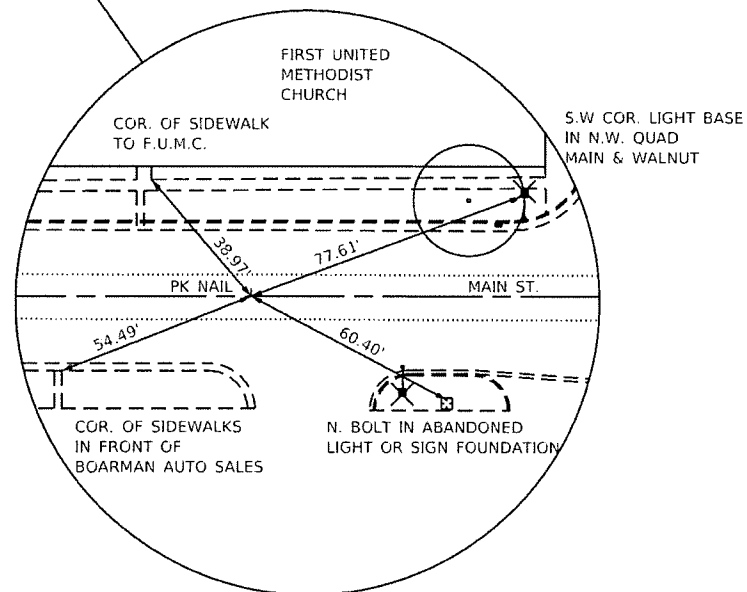
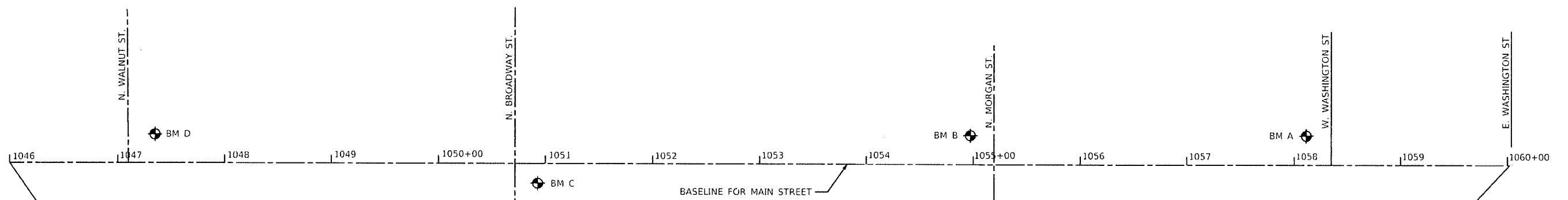


EXISTING TYPICAL SECTION  
 STA 1050+71.69 TO STA 1058+34



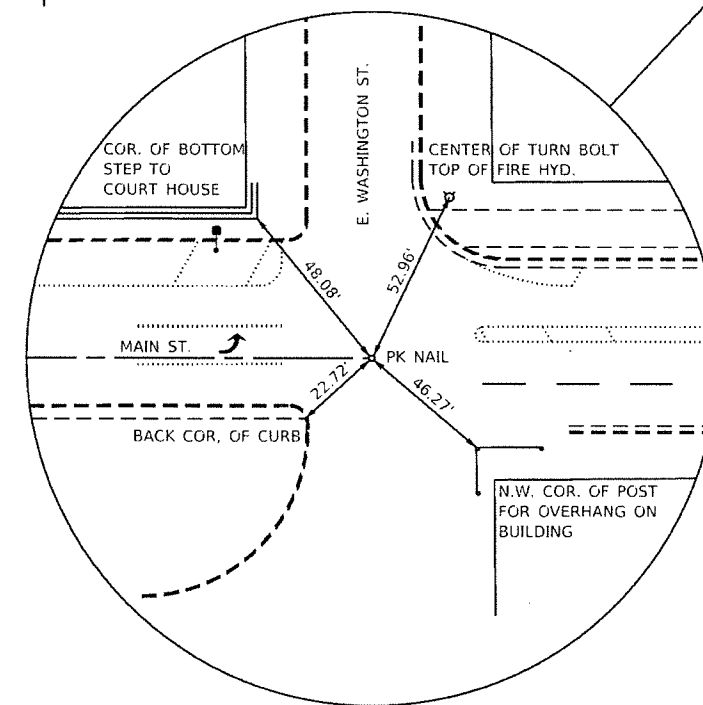
PROPOSED TYPICAL SECTION  
 STA 1050+71.69 TO STA 1058+34

TYPICAL SECTIONS		
SCALE: NA	APPROVED BY: SAS	DRAWN BY: CRS
DATE:	REVISED: KPP	
CITY OF SHELBYVILLE		
SECTION # 13-00055-00-SW	DRAWING NUMBER	



BASELINE TIE STA: 1046+00

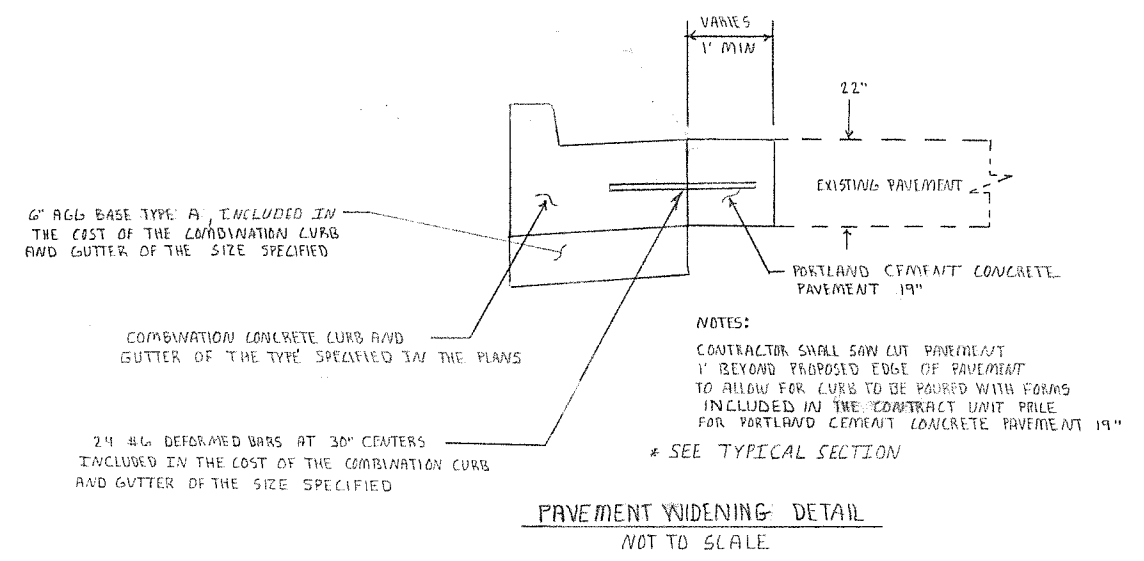
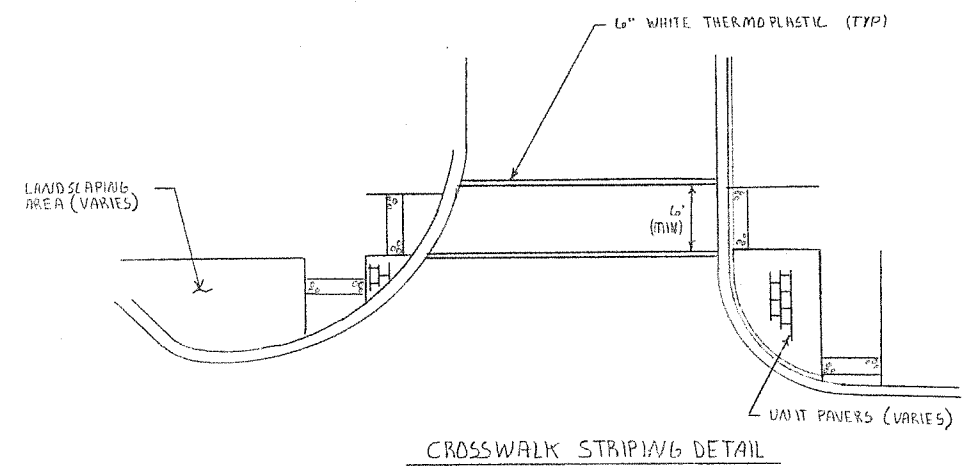
◆ BENCH MARKS	
BM A	"M" IN MUELLER ON FIRE HYDRANT ON NW CORNER OF WEST WASHINGTON AND MAIN STREET. ELEVATION = 648.39
BM B	"M" IN MUELLER ON FIRE HYDRANT ON NW CORNER OF MORGAN AND MAIN STREET. ELEVATION = 644.14
BM C	NORTH MOST RIMBOLT ON FIRE HYDRANT ON SE CORNER OF BROADWAY AND MAIN STREET. ELEVATION = 653.10
BM D	NORTH MOST RIMBOLT ON FIRE HYDRANT ON NE CORNER OF WALNUT AND MAIN STREET. ELEVATION = 646.48



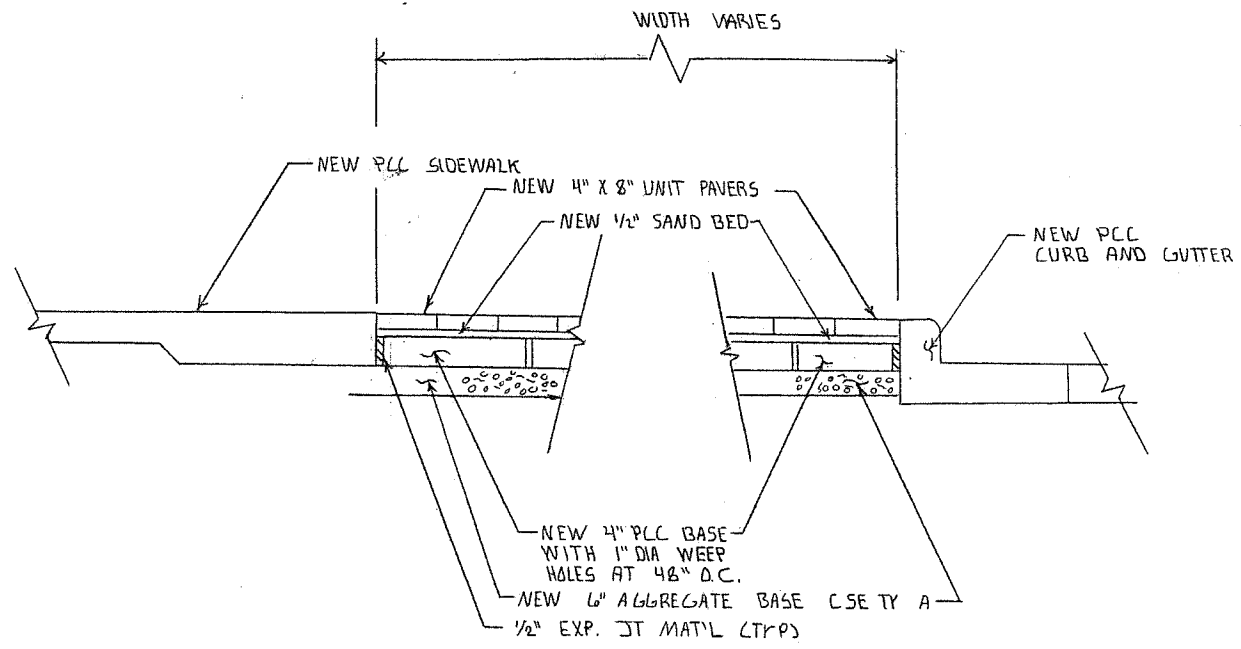
BASELINE TIE STA: 1060+00

CONTRACT # 95864

FILE NAME :	USER NAME : Stc37	DESIGNED - SJF	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 19-093401</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b>		<b>ALIGNMENT, TIES</b> <b>AND BENCHMARKS</b>		TOTAL SHEETS	SHEET NO.
P:\Civil\Shelbyville Streetscape ADA 311356-02\CAD_Sheets\ATB.dgn		DRAWN - SAE - TW	REVISED -		SCALE: 100,0000' / in.	SECTION: 13-00055-00-SW	PROJECT: 3113056-02	44	6	
PLOT SCALE : 100.0000' / in.		CHECKED -	REVISED -							
PLOT DATE : 9/5/2019		DATE - SEPT. 6, 2019	REVISED -							



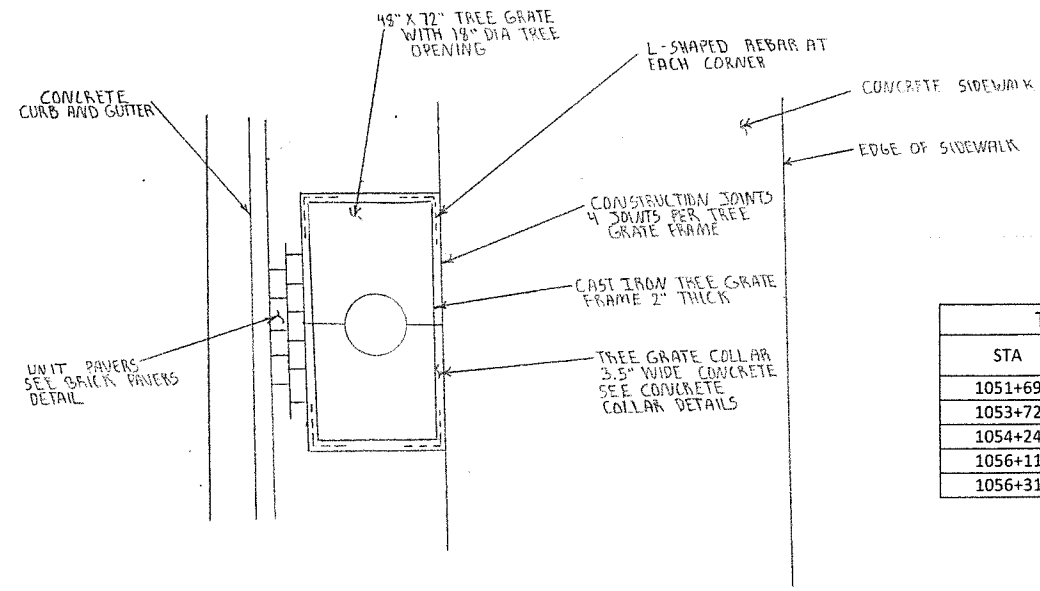
MISCELLANEOUS DETAILS		
SCALE: N/A	APPROVED BY: SAS	DRAWN BY: CRS
DATE: 12/23/17		REVISED: KPP
CITY OF SHELBYVILLE		
SECTION 13-000-56-00-SW	DRAWING NUMBER	



TYPICAL UNIT PAVERS DETAIL  
 NO SCALE

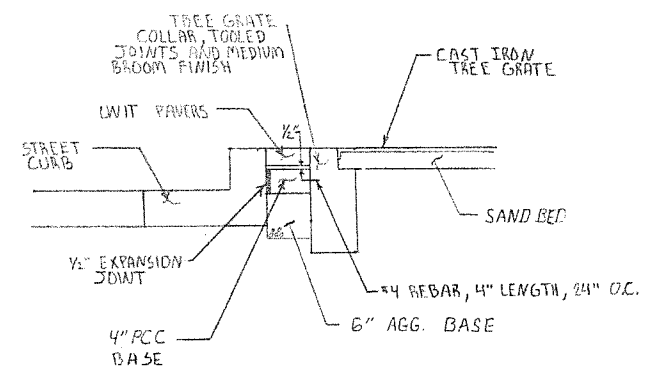
UNIT PAVERS		
STA TO STA	O/S	QUANTITY (SQ.FT)
1051+02 TO 1052+44	LT	552
1052+84 TO 1053+20	LT	114
1053+27 TO 1054+19	LT	368
1054+26 TO 1054+97	LT	190
1050+94 TO 1052+18	RT	251
1052+25 TO 1053+69	RT	271
1053+76 TO 1054+94	RT	153
1055+60 TO 1056+07	LT	172
1056+14 TO 1056+92	LT	266
1058+12 TO 1058+21	LT	40
1055+46 TO 1055+08	RT	56
1055+15 TO 1056+92	RT	119
1057+43 TO 1058+19	RT	106
TOTAL		2658





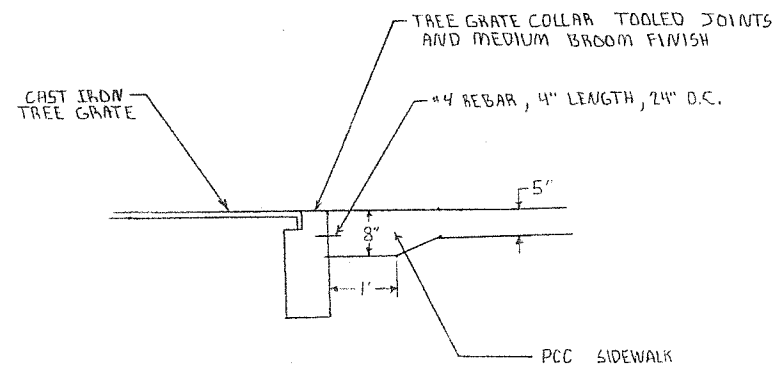
TREE GRATES		
STA	O/S	QUANTITY (EACH)
1051+69	RT	1
1053+72	RT	1
1054+24	LT	1
1056+11	RT	1
1056+31	LT	1
TOTAL		5

TREE GRATE PLAN NOT TO SCALE  
 ADJACENT TO STREET CURB

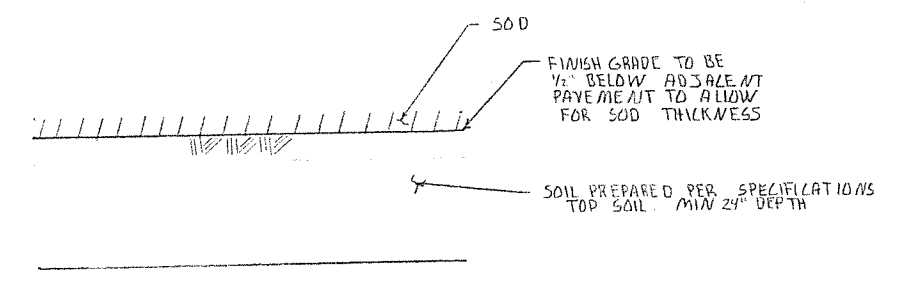


TREE GRATE - CONCRETE COLLAR  
 ADJACENT TO DIRT PAVERS  
 NOT TO SCALE

TOP SOIL		
STA TO STA	O/S	QUANTITY (SQ YD)
1050+87 TO 1050+92	LT	8
1051+02 TO 1050+92	LT	12
1052+22	RT	3
1052+44 TO 1052+54	RT	5
1052+70 TO 1052+83	RT	7
1053+23	LT	3
1053+72	RT	3
1054+24	LT	3
1054+64 TO 1054+80	RT	13
1054+89 TO 1054+97	RT	11
1055+41 TO 1055+49	LT	15
1055+60 TO 1055+81	LT	17
1056+11	RT	3
1056+13	LT	3
1056+93 TO 1057+12	LT	11
1057+27 TO 1057+45	LT	11
1056+93 TO 1057+12	RT	11
1057+27 TO 1057+65	RT	27
1057+86 TO 1058+02	RT	12
1058+13 TO 1058+23	RT	13
1057+89 TO 1058+02	LT	8
1058+12 TO 1058+20	LT	10
TOTAL		209



TREE GRATE CONCRETE COLLAR  
 ADJACENT TO SIDEWALK  
 NOT TO SCALE

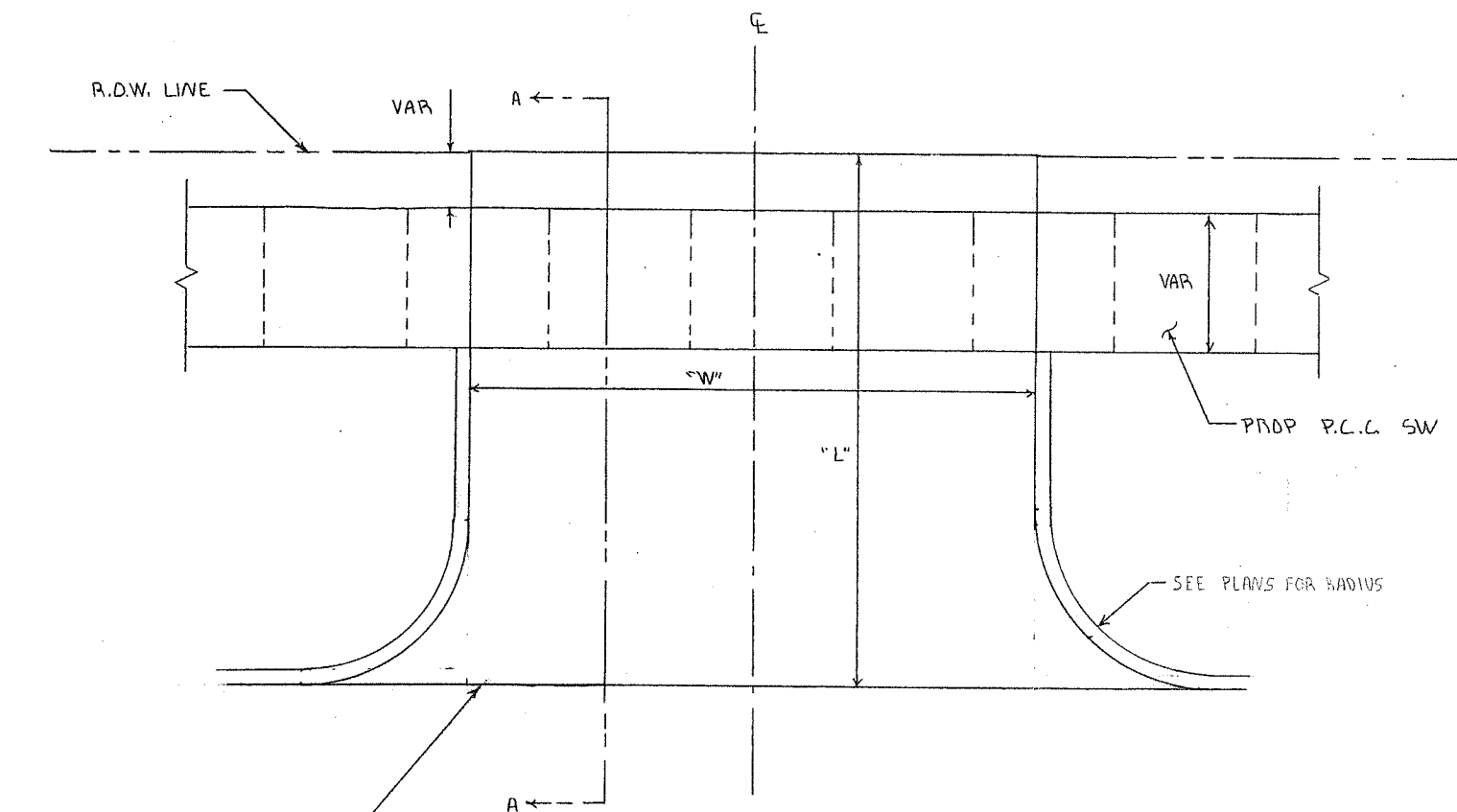


SOD  
 NOT TO SCALE

SODDING					
STA TO STA	O/S	SOD (SQ YD)	NITROGEN FERTILIZER	PHOSPHORUS FERTILIZER	POTASSIUM FERTILIZER
1057+27 TO 1057+65	RT	27	5	5	5
1057+86 TO 1058+02	RT	12	3	3	3
TOTAL		39 SQ YD	8 LBS	8 LBS	8 LBS

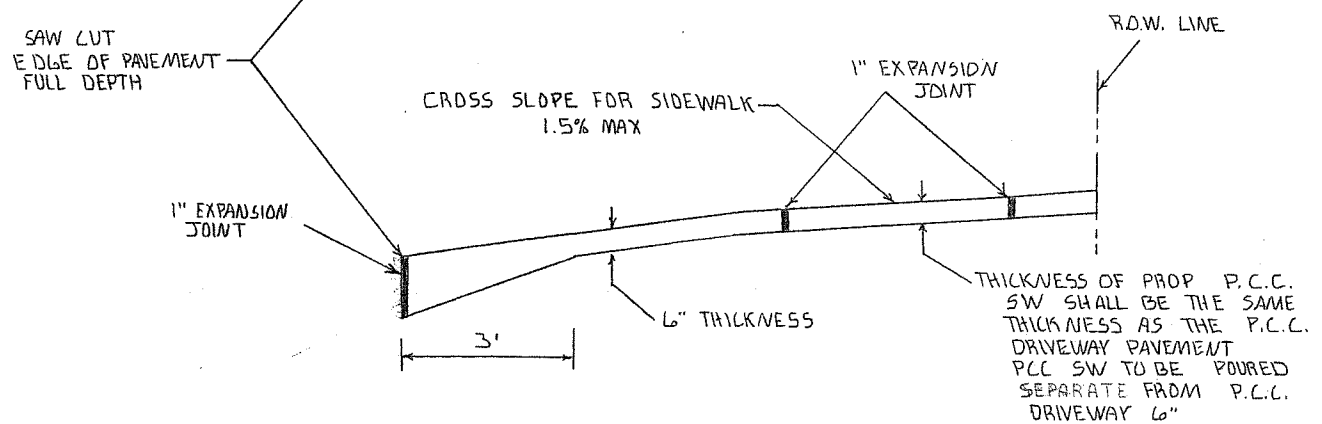
MISCELLANEOUS DETAILS		
SCALE: N/A	APPROVED BY: SAS	DRAWN BY: CRS
DATE: 1/11/18		REVISED: HPP
CITY OF SHELBYVILLE		
SECTION 13-00055-00-SW		DRAWING NUMBER

DETAIL OF P.C.C. DRIVEWAYS



DRIVEWAY PAVEMENT REMOVAL		
STA	O/S	QUANTITY (SQ YD)
1052+61	LT	20
1052+61	RT	21
1057+75.5	LT	29
1057+20	RT	18
1057+19	LT	246
TOTAL		334

PCC DRIVEWAY PAVEMENT 6"				
STA	O/S	LENGTH	WIDTH	QUANTITY (SQ YD)
1052+61	LT	19	15	33
1057+75.5	LT	18	15	32
1057+20	RT	20	17	39
1057+19	LT	182	15.5	270
TOTAL				374



SECTION A-A

DRIVEWAY DETAIL		
SCALE: A/A	APPROVED BY: SAS	DRAWN BY: CRS
DATE: 12/23/17	REVISED: KPP	
CITY OF SHELBYVILLE		
SECTION 13-000SS-00-SW	DRAWING NUMBER	

CURB AND GUTTER REMOVAL		
STA TO STA	O/S	QUANTITY (FOOT)
1050+85 TO 1052+53	RT	151
1050+90 TO 1051+18	LT	53
1054+32 TO 1054+91	RT	74
1054+64 TO 1054+90	LT	55
1055+ 48 TO 1055+86	LT	68
1055+47 TO 1056+01	RT	60
1056+55 TO 1057+07	RT	52
1057+53 TO 1058+14	RT	79
1055+86 TO 1057+65	LT	127
1057+22 TO 1057+65	LT	43
1057+86 TO 1058+13	LT	22
TOTAL		784

SIDEWALK REMOVAL		
STA TO STA	O/S	QUANTITY (SQ. FT)
1050+84 TO 1053+00	LT	2293
1050+84 TO 1053+00	RT	2753
1053+00 TO 1056+00	LT	3394
1053+00 TO 1056+00	RT	3257
1056+00 TO 1058+20	LT	2652
1056+00 TO 1058+20	RT	2519
TOTAL		16868

PAVEMENT REMOVAL		
STA TO STA	O/S	QUANTITY (SQ. YD)
1050+84 TO 1053+00	LT	166
1050+84 TO 1053+00	RT	132
1053+00 TO 1056+00	LT	197
1053+00 TO 1056+00	RT	127
1056+00 TO 1058+20	LT	172
1056+00 TO 1058+20	RT	145
TOTAL		939

PORTLAND CEMENT CONCRETE SIDEWALK 5"		
STA TO STA	O/S	QUANTITY (SQ. FT)
1050+90 TO 1052+45	LT	1851
1052+69 TO 1054+97	LT	2526
1050+89 TO 1054+91	RT	4403
1055+50 TO 1057+12	LT	1954
1057+27 TO 1057+65	LT	499
1057+85 TO 1058+22	LT	732
1055+43 TO 1057+12	RT	1888
1057+27 TO 1058+15	RT	1379
TOTAL		15232

CURB AND GUTTER B-6.24		
STA TO STA	O/S	QUANTITY (FOOT)
1050+88 TO 1055+00	LT	478
1055+39 TO 1058+24	LT	347
1050+86 TO 1054+85	RT	458
1055+39 TO 1058+22	RT	339
1057+14	LT	165
TOTAL		1787

DETECTABLE WARNINGS		
STA	O/S	QUANTITY (SQ. FT)
1050+93	RT	16
1050+94	LT	38
1050+99	RT	16
1054+84	LT	16
1054+97	LT	16
1054+86	RT	35
1055+54	LT	35
1055+47	RT	16
1055+57	RT	16
1058+07	LT	16
1058+07	RT	16
1058+18	RT	16
1058+22	LT	16
TOTAL		268

SCHEDULES		
SCALE: N/A	APPROVED BY: SAS	DRAWN BY: CRS
DATE: 12/13/17		REVISED: XPP
CITY OF SHELBYVILLE		
SECTION 13-00055-00-SW		DRAWING NUMBER

FIRE HYDRANTS TO BE MOVED		
STA	O/S	QUANTITY (EACH)
1054+87	39' LT	1
1058+12	34' LT	1
TOTAL		2

CURB STOP 3/4"		
STA	O/S	QUANTITY (EACH)
1052+26	30' RT	1
1052+50	32' RT	1
1052+62	31' LT	1
TOTAL		3

MANHOLES TO BE ADJUSTED WITH NEW TY 1 FRAME AND CLOSED LID		
STA	O/S	QUANTITY (EACH)
1054+89	27' LT	1
1057+10	200' LT	1
TOTAL		2

HANDHOLE TO BE ADJUSTED		
STA	O/S	QUANTITY (EACH)
1050+93	LT	1
1051+05	RT	1
1052+52	RT	1
1052+97	RT	1
1055+72	LT	1
TOTAL		5

DOMESTIC WATER METER TO BE ADJUSTED		
STA	O/S	QUANTITY (EACH)
1052+89	28' RT	1
1052+25	30' RT	1
TOTAL		2

CURB STOP 1"		
STA	O/S	QUANTITY (EACH)
1052+89	25' RT	1
TOTAL		1

MANHOLE TY A, 5' DIA, TY 3 F&G		
STA	O/S	QUANTITY (EACH)
1057+10	186' LT	1
1057+10	28' LT	1
1054+73	24' RT	1
TOTAL		3

INLETS TY A WITH TY 3 F&G		
STA	O/S	QUANTITY (EACH)
1054+59	28' LT	1
1054+90	68' LT	1
1054+59	24' RT	1
TOTAL		3

INLETS TY B WITH TY 3 F&G		
STA	O/S	QUANTITY (EACH)
1055+81	24' RT	1
TOTAL		1

WATER VALVES TO BE ADJUSTED		
STA	O/S	QUANTITY (EACH)
1054+87	29' LT	1
1057+20	102' LT	1
1058+12	26' LT	1
TOTAL		3

CLASS C PATCHES, 19 INCH			
TYPE	STA	O/S	QUANTITY (SQ YD)
II	1054+73 TO 1055+16	RT	11
III	1055+16 TO 1055+45	RT	20
IV	1055+64	LT,RT	30
IV	1054+90 TO 1055+64	RT	26

MANHOLE TY A, 6' DIA, TY 3 F&G		
STA	O/S	QUANTITY (EACH)
1055+56	56' RT	1
1055+64	28' LT	1
1055+64	17' RT	1
1055+39	42' RT	1
1054+90	28' LT	1
TOTAL		5

INLET AND PIPE PROTECTION		
STA	O/S	QUANTITY (EACH)
1054+59	24' RT	1
1054+59	28' LT	1
1054+73	24' RT	1
1054+90	28' LT	1
1054+90	68' LT	1
1055+16	56' RT	1
1055+39	42' RT	1
1055+56	56' RT	1
1055+64	17' RT	1
1055+64	28' LT	1
1055+81	24' RT	1
1057+10	28' LT	1
1057+10	186' LT	1
TOTAL		13

MH TY A, 6' DIA, TY 1 FRAME CLOSED LID		
STA	O/S	QUANTITY (EACH)
1055+16	56' RT	1
TOTAL		1

WATER SERVICE LINE 1"		
STA	O/S	QUANTITY (FOOT)
1052+89	25' RT	10
TOTAL		10

STORM SEWER 18"		
STA TO STA	O/S	QUANTITY (FOOT)
1054+73 TO 1055+16	22' RT - 48' RT	50
1054+90 TO 1055+64	29' LT - 30' LT	74
1055+64 TO 1057+10	30' LT - 26' LT	144
TOTAL		268

TRENCH BACKFILL		
STA	O/S	QUANTITY (CU YD)
1057+10	28' LT - 184' LT	127
1057+10 TO 1055+64	28' LT	121
1055+64	17' LT - 28' LT	48
1055+64 TO 1055+45	40' RT - 36' RT	52
1055+45 TO 1055+16	40' RT	37
1055+81 TO 1055+64	24' RT - 17' RT	8
1054+59 TO 1054+90	28' LT	12
1054+90	28' LT - 68' LT	14
1054+90 TO 1055+64	28' LT	54
1054+59 TO 1054+73	24' RT	8
1054+73 TO 1055+16	24' RT - 67' RT	33
1054 + 19	40' RT - 60' RT	21
TOTAL		535

WATER SERVICE LINE 3/4"		
STA	O/S	QUANTITY (FOOT)
1052+26	30' RT	10
1052+50	32' RT	10
1052+62	31' LT	10
TOTAL		30

STORM SEWER 15"		
STA TO STA	O/S	QUANTITY (FOOT)
1054+59 TO 1054+90	28' LT	32
1054+90	28' LT - 68' LT	40
1054+59 TO 1054+73	24' RT	14
1055+64 TO 1055+81	17' RT - 24' RT	18
1057+10	28' LT - 184' LT	156
TOTAL		260

STORM SEWER 27"		
STA TO STA	O/S	QUANTITY (FOOT)
1055+16 TO 1055+45	48' RT - 56' RT	28
1055+45 TO 1055+64	56' RT - 17' RT	42
1055+64	17' RT - 28' RT	45
TOTAL		115

PAVEMENT MARKING REMOVAL, WATER BLASTING				
LOCATION	O/S	TYPE	QUANTITY (SQ.FT)	
BROADWAY	LT	CROSSWALK	30	
BROADWAY	LT	STOP BAR	30	
BROADWAY	RT	CROSSWALK	40	
BROADWAY	RT	STOP BAR	32	
STA 1050+98	----	CROSSWALK	60	
STA 1051+05	LT	STOP BAR	72	
1051+06 TO 1051+46	LT	6"	27	
1051+06 TO 1052+29	LT	6"	82	
1051+06 TO 1054+79	LT	4"	122	
1051+06 TO 1054+79	RT	4"	122	
STA 1051+27	LT	LEFT ARROW	16	
STA 1051+27	LT	RIGHT ARROW	16	
STA 1052+29	LT	LEFT ARROW	16	
1053+49 TO 1054+76	RT	6"	85	
1054+36 TO 1054+76	RT	6"	27	
STA 1053+49	LT	LEFT ARROW	16	
STA 1054+55	RT	RIGHT ARROW	16	
STA 1054+55	LT	LEFT ARROW	16	
STA 1054+78	RT	STOP BAR	72	
STA 1054+82	LT	CROSSWALK	60	
STA 1055+83	----	CROSSWALK	60	
STA 1055+61	LT	STOP BAR	66	
1055+61 TO 1056+11	LT	6"	34	
1055+61 TO 1056+61	LT	6"	67	
MORGAN ST	LT	STOP BAR	36	
MORGAN ST	LT	CROSSWALK	50	
MORGAN ST	RT	STOP BAR	36	
MORGAN ST	RT	CROSSWALK	50	
STA 1055+83	LT	RIGHT ARROW	16	
STA 1055+83	LT	LEFT ARROW	16	
STA 1056+61	LT	LEFT ARROW	16	
1055+63 TO 1056+63	RT	4"	66	
1055+63 TO 1058+10	LT	4"	194	
1056+63 TO 1058+10	----	12"	60	
STA 1057+03	LT	12"	36	
STA 1057+03	LT	4"	8	
TOTAL			1768	

THERMOPLASTIC PAVEMENT MARKING LINE 4"				
STA TO STA	COLOR	TYPE	QUANTITY (FOOT)	
1051+06 TO 1054+73	YELLOW	DOUBLE LINE	734	
1055+65 TO 1058+03	YELLOW	DOUBLE LINE	476	
1056+65 TO 1058+03	YELLOW	DOUBLE LINE	276	
1050+04 TO 1058+20	WHITE	"L" PARKING SYMBOL	28	
1050+04 TO 1058+20	WHITE	"T" PARKING SYMBOL	69	
TOTAL			1583	

MODIFIED URETHANE PAVEMENT MARKING - LINE 24"				
LOCATION	O/S	COLOR	TYPE	QUANTITY (FOOT)
STA 1055+63	LT	WHITE	STOP BAR	31
TOTAL				31

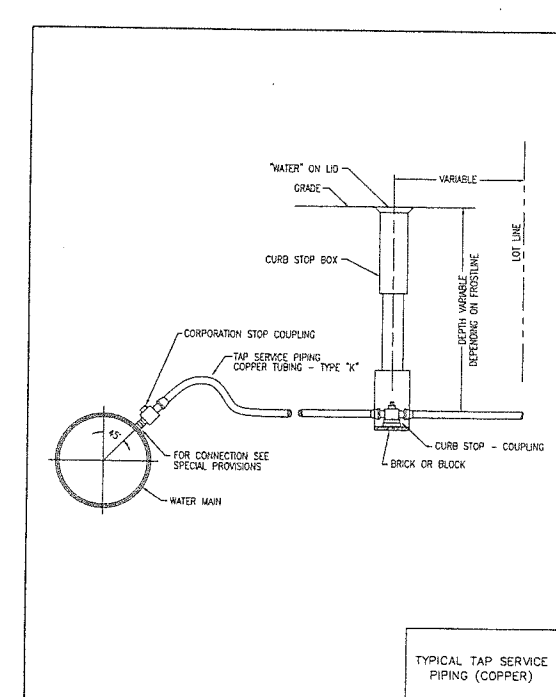
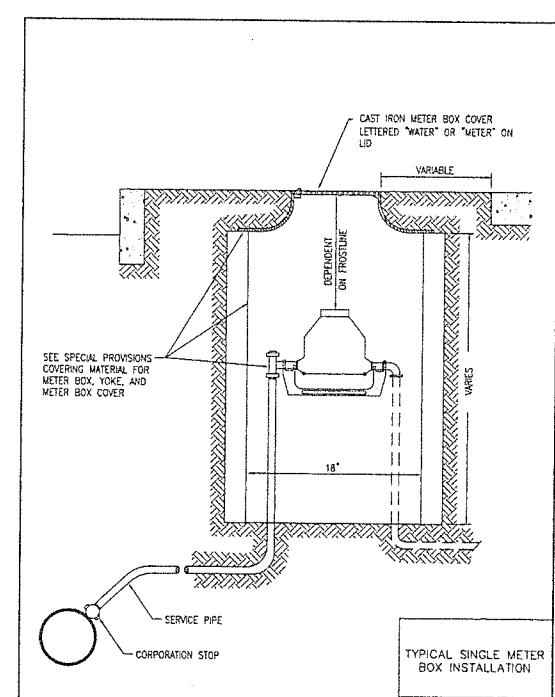
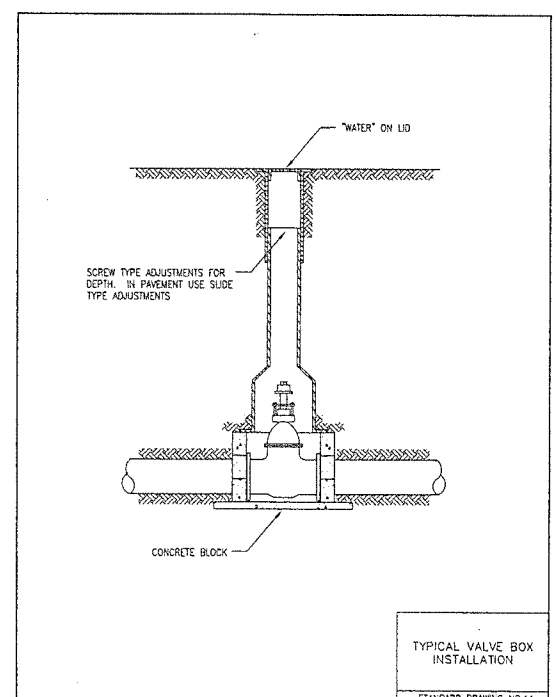
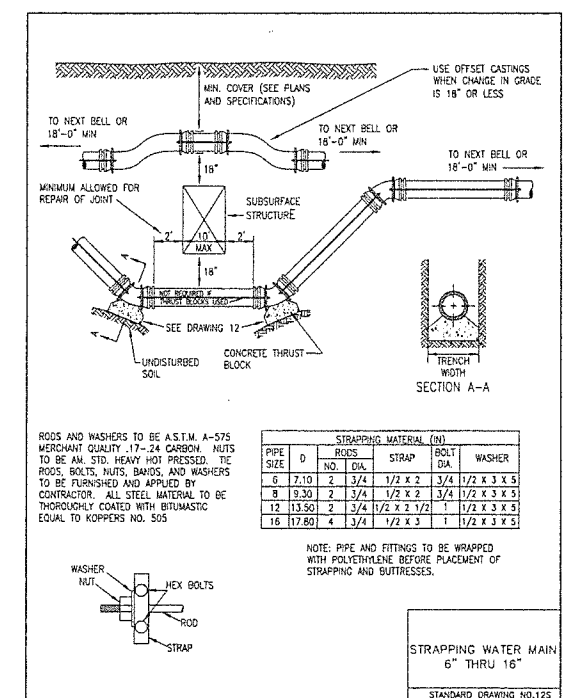
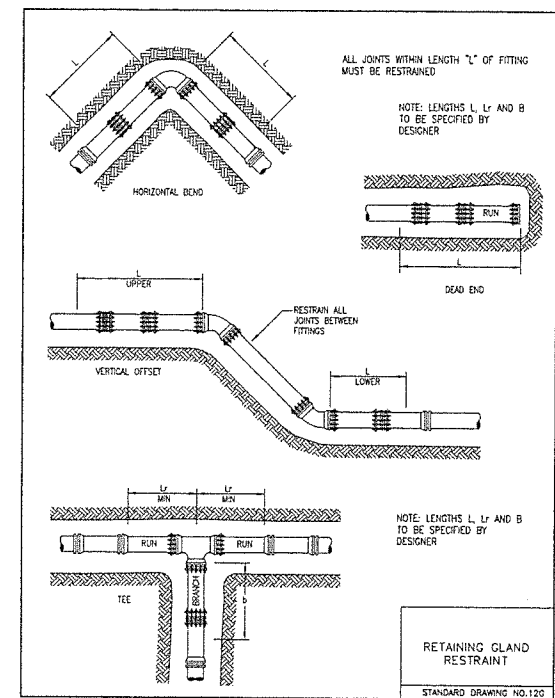
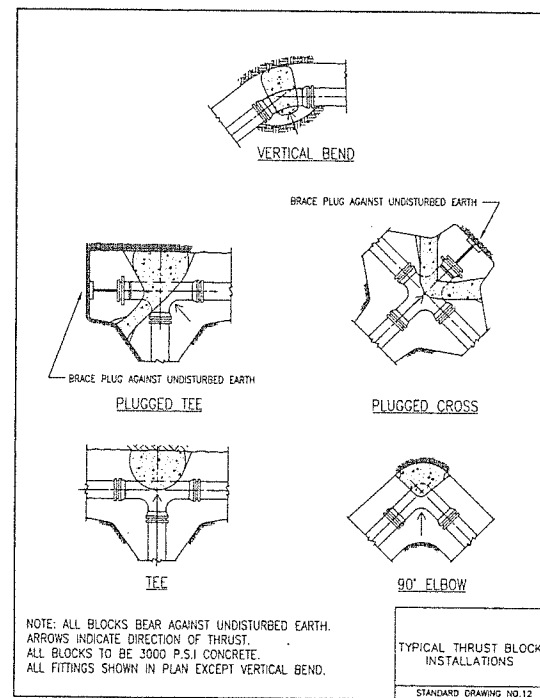
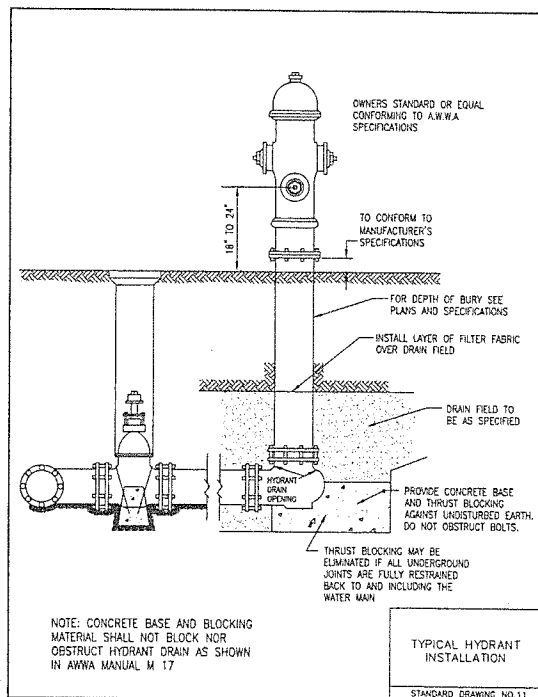
THERMOPLASTIC PAVEMENT MARKING LINE 6"				
LOCATION	O/S	COLOR	TYPE	QUANTITY (FOOT)
BROADWAY ST	RT	WHITE	LINE	42
BROADWAY ST	RT	WHITE	LINE	36
BROADWAY ST	LT	WHITE	LINE	36
BROADWAY ST	LT	WHITE	LINE	42
STA 1050+94	----	WHITE	LINE	54
STA 1051+02	----	WHITE	LINE	45
STA 1054+79	----	WHITE	LINE	46
STA 1054+87	----	WHITE	LINE	49
MORGAN ST	RT	WHITE	LINE	55
MORGAN ST	RT	WHITE	LINE	48
MORGAN ST	LT	WHITE	LINE	44
MORGAN ST	LT	WHITE	LINE	48
STA 1058+03	----	WHITE	LINE	41
STA 1058+11	----	WHITE	LINE	41
W WASHINGTON ST	LT	WHITE	LINE	32
W WASHINGTON ST	LT	WHITE	LINE	32
1052+32 TO 1051+06	----	WHITE	LINE	126
1054+73 TO 1053+50	----	WHITE	LINE	123
1054+73 TO 1053+28	----	WHITE	LINE	45
1056+65 TO 1055+65	----	WHITE	LINE	100
1056+10 TO 1055+65	----	WHITE	LINE	45
TOTAL			1130	

THERMOPLASTIC PAVEMENT MARKING LINE 12"				
STA TO STA	O/S	COLOR	TYPE	QUANTITY (FOOT)
1056+65 TO 1058+03	-	YELLOW	DIAGONAL	99
1055+04	LT	YELLOW	DIAGONAL	117
1055+00	RT	YELLOW	DIAGONAL	285
TOTAL				501

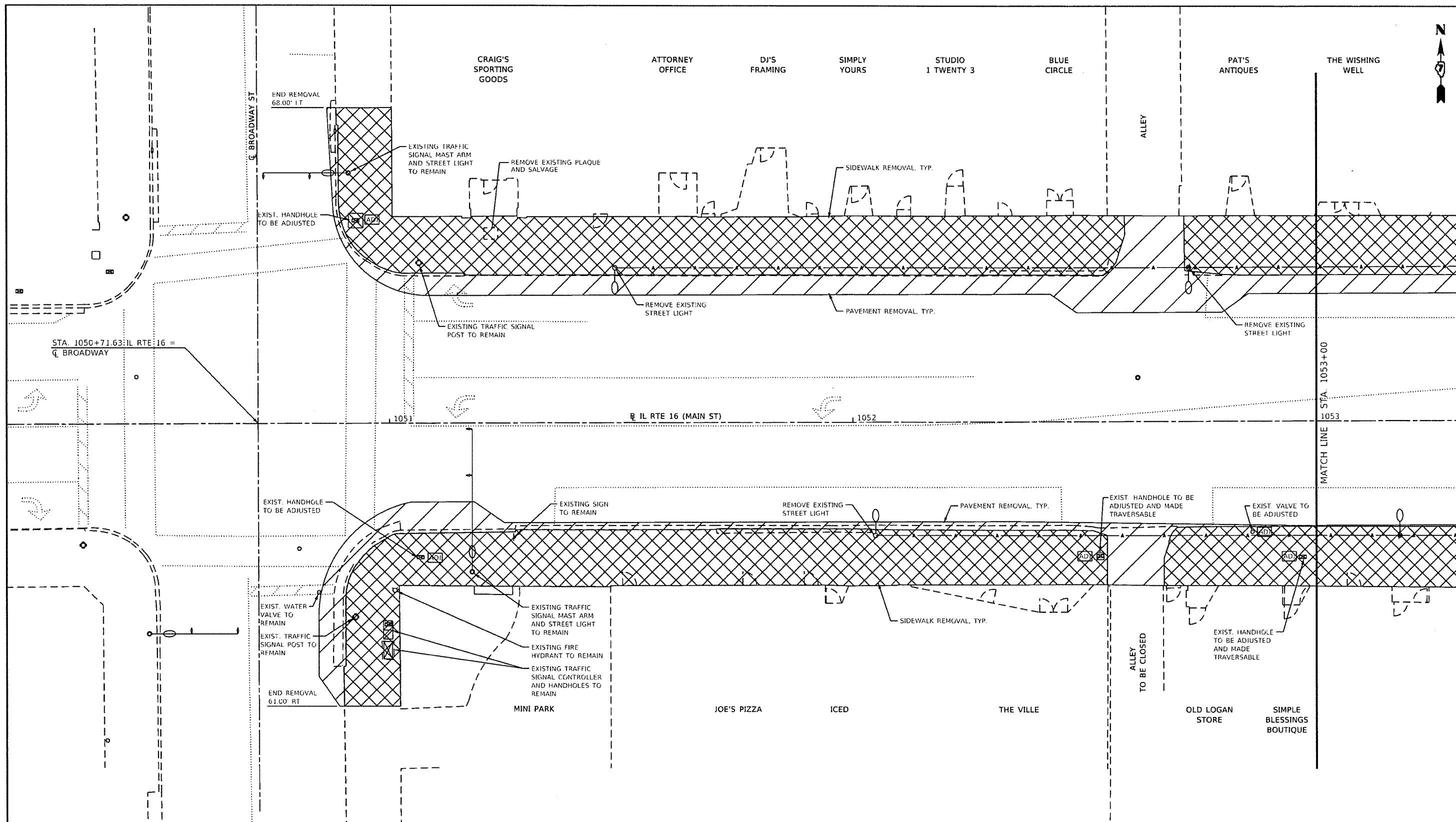
THERMOPLASTIC PAVEMENT MARKING LINE 24"				
LOCATION	O/S	COLOR	TYPE	QUANTITY (FOOT)
STA 1051+06	LT	WHITE	STOP BAR	24
BROADWAY ST	LT	WHITE	STOP BAR	17
BROADWAY ST	RT	WHITE	STOP BAR	13
STA 1054+75	RT	WHITE	STOP BAR	31
MORGAN ST	LT	WHITE	STOP BAR	16
MORGAN ST	RT	WHITE	STOP BAR	14
W WASHINGTON ST	LT	WHITE	STOP BAR	16
TOTAL				131

RAISED PAVEMENT MARKER REFLECTOR				
STA TO STA	O/S	COLOR	TYPE	QUANTITY (EACH)
1051+06 TO 1052+32	LT	CLEAR	ONE WAY	4
1051+06 TO 1052+32	RT	AMBER	TWO WAY	7
1052+32 TO 1054+75	LT	AMBER	TWO WAY	12
1053+50 TO 1054+75	RT	CLEAR	ONE WAY	4
1054+30 TO 1054+75	RT	CLEAR	ONE WAY	2
1055+63 TO 1056+63	RT	CLEAR	ONE WAY	3
1055+63 TO 1056+09	RT	CLEAR	ONE WAY	2
1055+63 TO 1056+63	LT	AMBER	TWO WAY	6
1056+63 TO 1058+08	LT	AMBER	TWO WAY	4
1056+63 TO 1058+08	RT	AMBER	TWO WAY	4
TOTAL				48

LETTERS AND SYMBOLS				
LOCATION	O/S	COLOR	QUANTITY (SQ.FT)	
1051+26	-	WHITE	15.6	
1051+79	-	WHITE	15.6	
1052+31	-	WHITE	15.6	
1053+50	-	WHITE	15.6	
1054+03	-	WHITE	15.6	
1054+55	-	WHITE	15.6	
1054+30	RT	WHITE	15.6	
1054+55	RT	WHITE	15.6	
1055+83	-	WHITE	15.6	
1056+63	-	WHITE	15.6	
1055+83	LT	WHITE	15.6	
1056+08	LT	WHITE	15.6	
TOTAL			187.2	

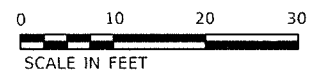


SCALE: N/A	APPROVED BY: SAS	DRAWN BY: CRS
DATE: 12/23/17		REVISED: KPP
CITY OF SHELBYVILLE		
SECTION 13-00055-00-SW		DRAWING NUMBER



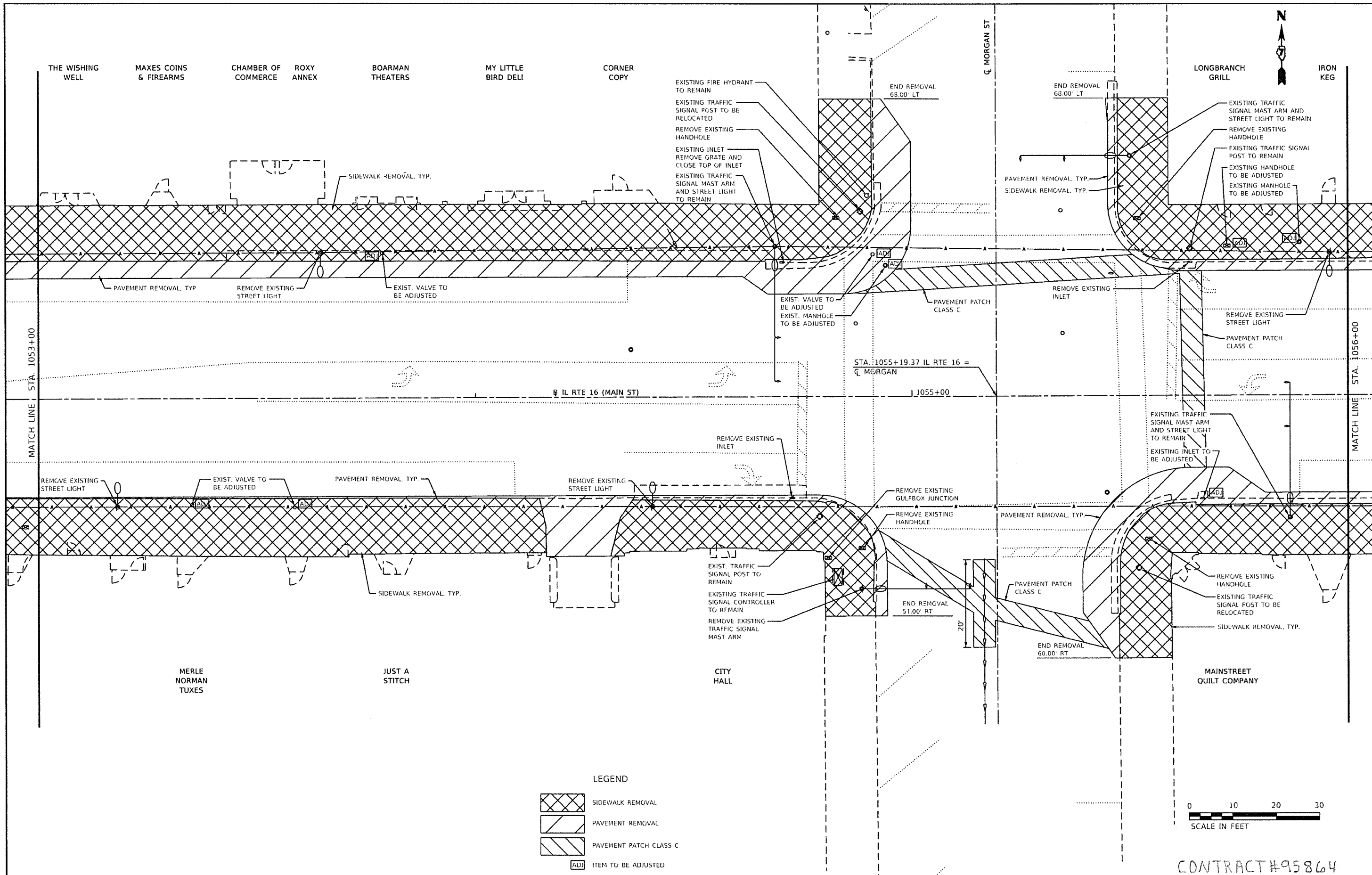
LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- ITEM TO BE ADJUSTED



CONTRACT # 95864

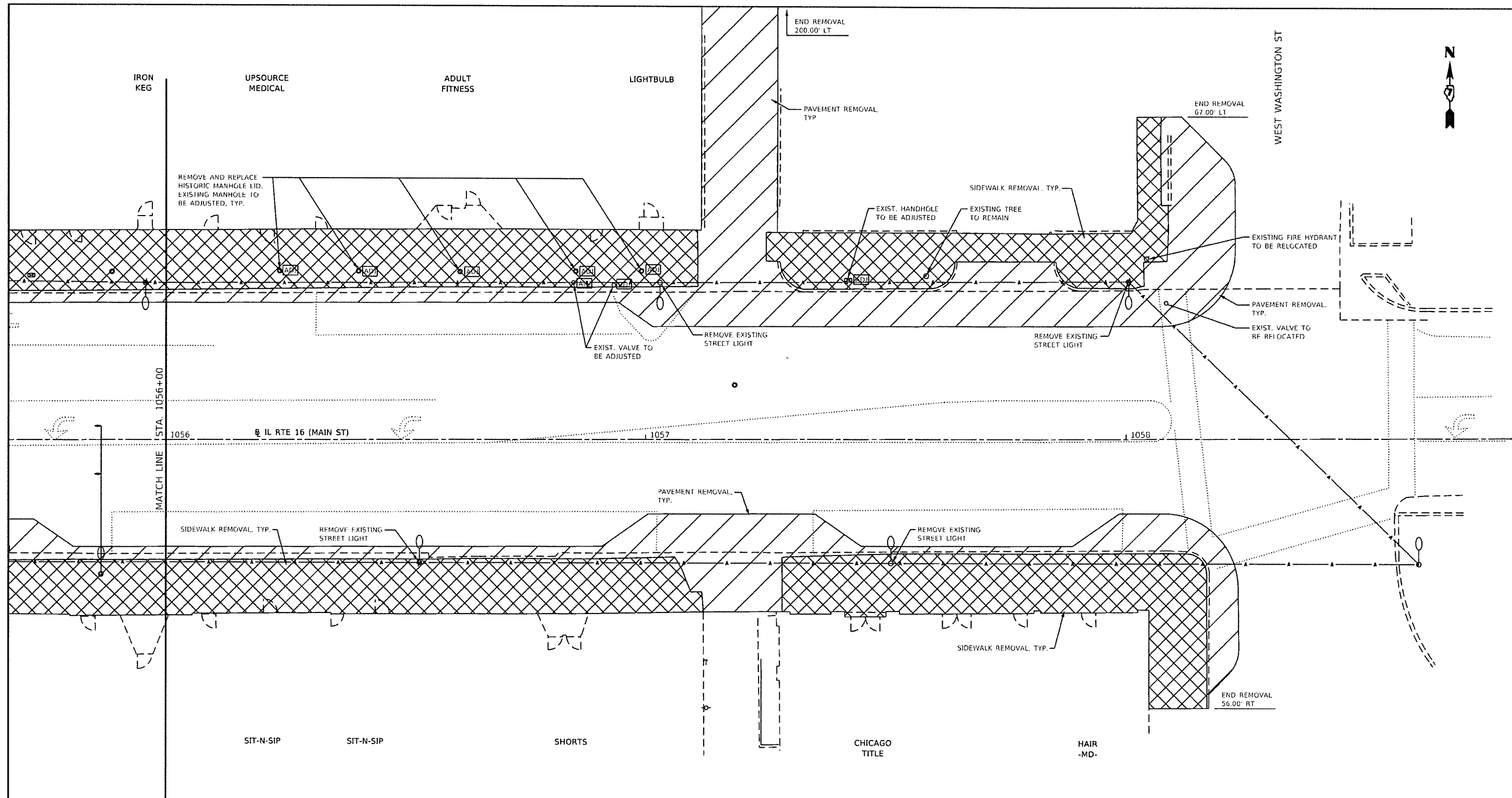
FILE NAME : P:\Civil\Shelbyville Streetscape #DA 3113\55-02\CAO_Sheets\Demo_Plan\01.dgn	USER NAME : Sja37	DESIGNED - SJF	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 14-093391</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b>		<b>DEMOLITION PLAN</b> <b>STA. 1050+00 TO STA. 1053+00</b>		TOTAL SHEETS	SHEET NO.	
	PLOT SCALE : 20.0000' / in.	DRAWN - SAE - TW	CHECKED -		REVISED -	SCALE: 20.0000' / in.	SECTION: 13-00055-00-SW	PROJECT: 3113056-02	44	15	
	PLOT DATE : 9/5/2019	DATE - SEPT. 6, 2019	REVISED -		REVISED -						




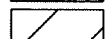
CONTRACT #95864

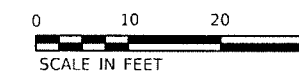
FILE NAME :	USER NAME : Sja37	DESIGNED - S/JF	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003491</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b> SCALE: 20.0000' = 1" SECTION: 13-00055-00-SW PROJECT: 3113056-02	<b>DEMOLITION PLAN</b> STA. 1053+00 TO STA. 1056+00	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE : 20.0000' = 1"	CHECKED -	REVISED -					
	PLOT DATE : 9/5/2019	DATE - SEPT. 6, 2019	REVISED -					





LEGEND

-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  ITEM TO BE ADJUSTED



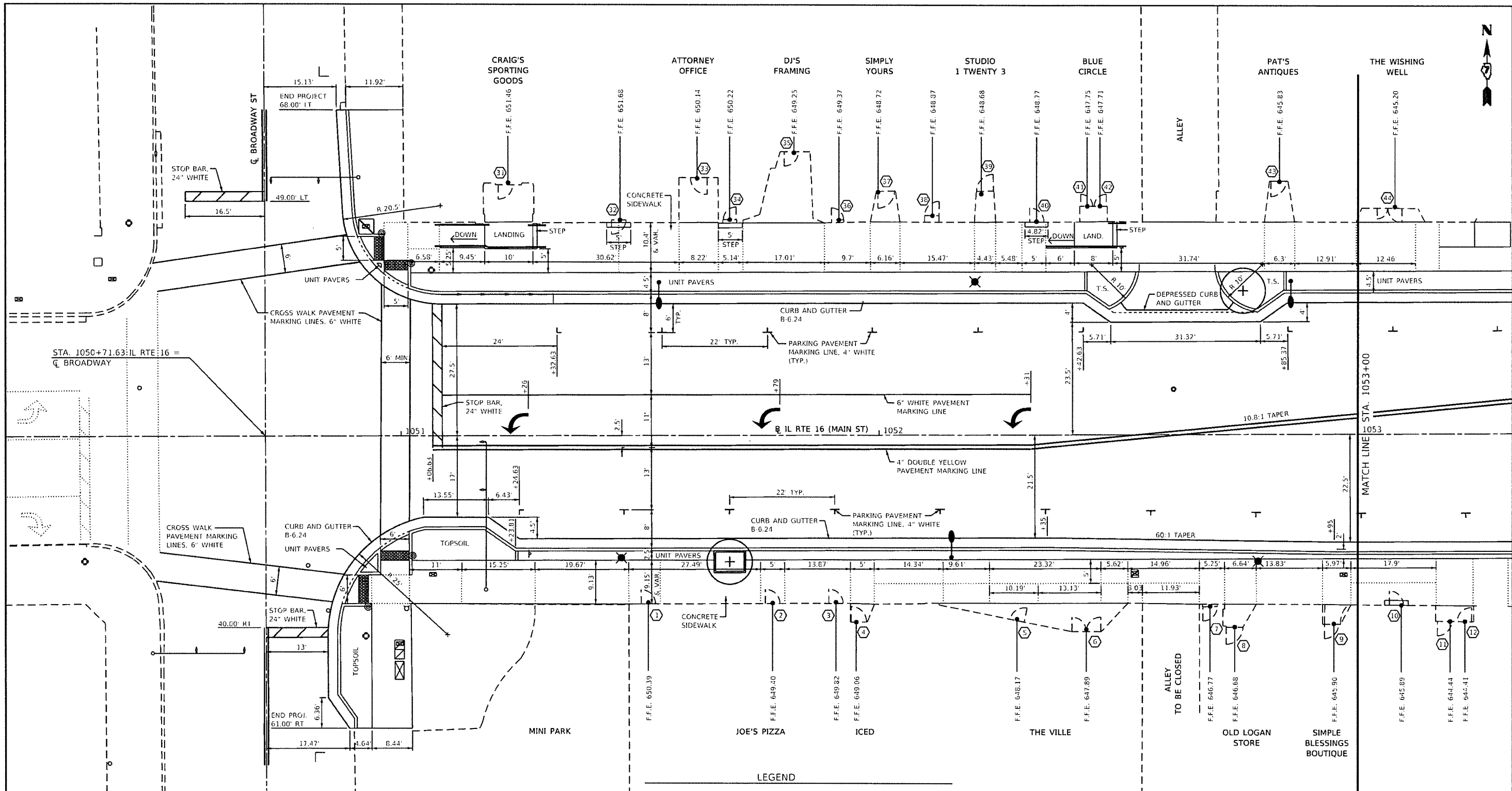
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PLOT SCALE = 20.0000' / 1" =	DATE - SEPT. 6, 2019	REVISED -	REVISED -
PLOT DATE = 9/5/2019			

The Upchurch Group  
123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-013101

MAIN STREET (IL RT 16) STREETSCAPE IMPROVEMENTS  
DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS  
SCALE: 20.0000' / 1" SECTION: 13-00055-00-SW PROJECT: 3113056-02

DEMOLITION PLAN STA. 1056+00 TO STA. 1058+75		TOTAL SHEETS	SHEET NO.
		44	17

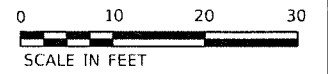


**LEGEND**

EXISTING	PROPOSED
CONTROL BOX	GRADE BREAKS
DOUBLE HANDHOLE	HANDRAIL
COMBINATION MAST ARM	PEDESTRIAN LIGHT
HANDHOLE	STREET LIGHT
GULFBOX	TOPSOIL
TRAFFIC SIGNAL POST	
WATER VALVE	
FIRE HYDRANT	

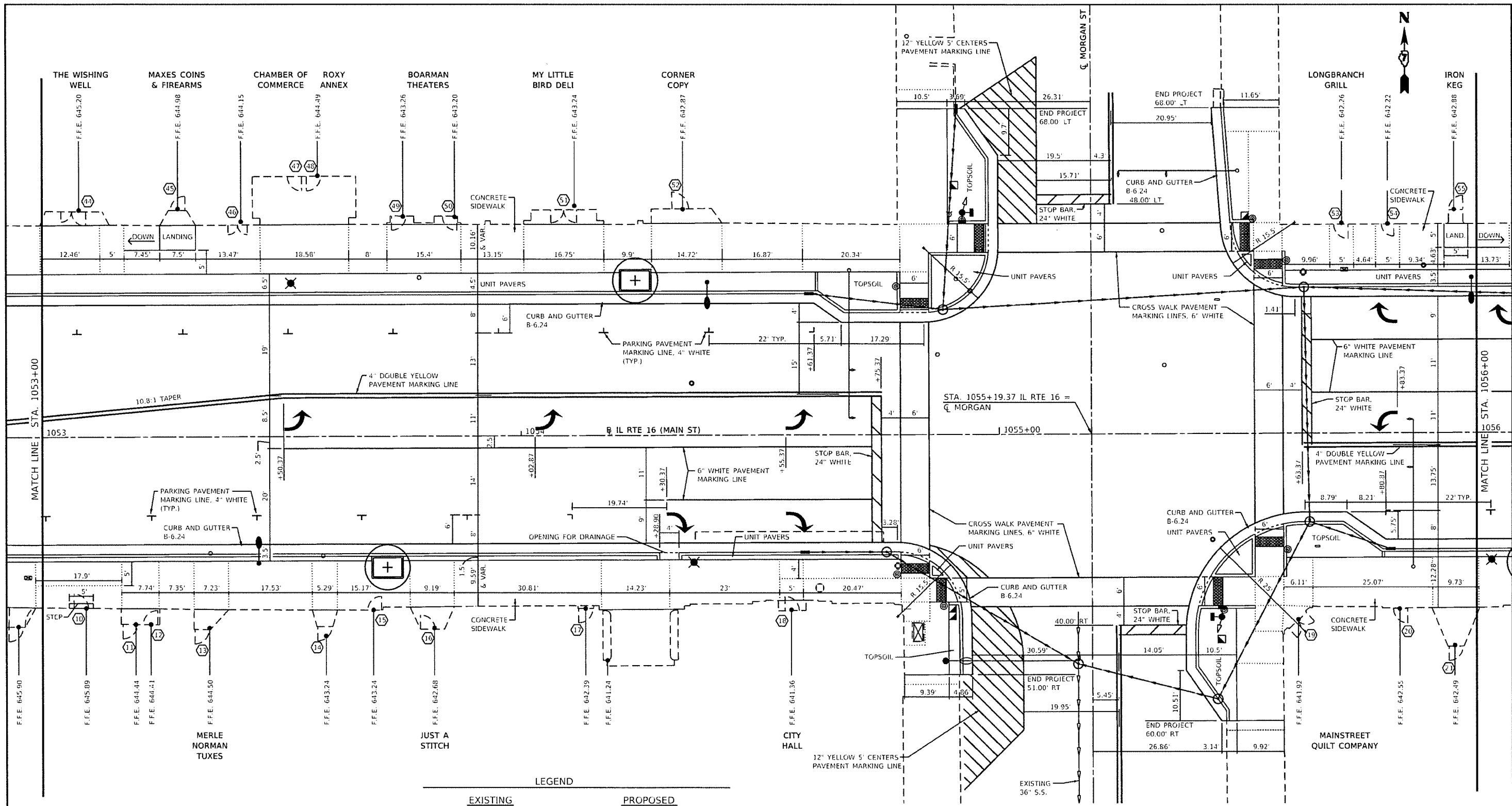
**GENERAL NOTES**

- SEE ELECTRICAL SHEETS FOR PEDESTRIAN AND STREET LIGHT LOCATIONS AND DETAILS.
- SEE TRAFFIC SIGNAL SHEETS FOR SIGNAL LOCATIONS AND DETAILS.



CONTRACT# 95264

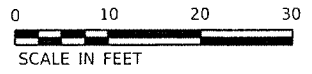
FILE NAME : P:\Civil\Shelbyville Streetscape ADA 3113	USER NAME : Sja37 56-02\CAD_Sheets\Plan-01.dgn	DESIGNED - SJF	REVISED -	<b>The Upchurch Group</b>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b>	<b>ROADWAY PLAN</b>	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,0000' / in.	DRAWN - SAE - TW	REVISED -	123 North 15th Street Mattoon, Illinois 61938	<b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b>	STA. 1050+00 TO STA. 1053+00	44	18
	PLOT DATE = 9/5/2019	CHECKED -	REVISED -	<small>Professional Design Firm Corporation License No. 034-003-001</small>	SCALE: 20,0000' / in. SECTION: 13-00055-00-SW PROJECT: 3113056-02			
		DATE - SEPT. 6, 2019	REVISED -					



LEGEND			
EXISTING	PROPOSED		
	CONTROL BOX		GRADE BREAKS
	DOUBLE HANDHOLE		HANDRAIL
	COMBINATION MAST ARM		PEDESTRIAN LIGHT
	HANDHOLE		STREET LIGHT
	GULFBOX		STORM MANHOLE
	TRAFFIC SIGNAL POST		STORM INLET
	WATER VALVE		
	FIRE HYDRANT		

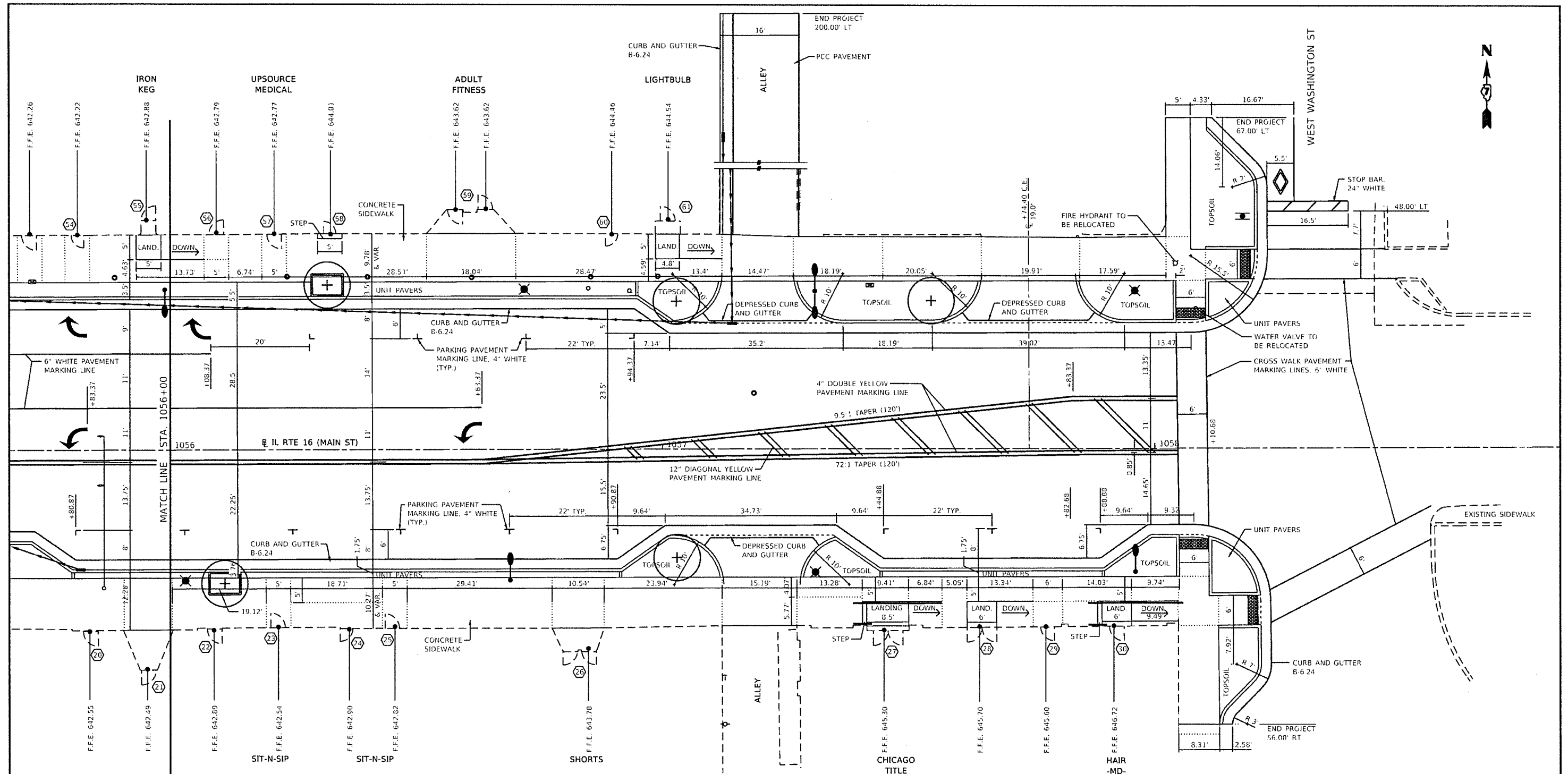
**GENERAL NOTES**

- SEE ELECTRICAL SHEETS FOR PEDESTRIAN AND STREET LIGHT LOCATIONS AND DETAILS.
- SEE TRAFFIC SIGNAL SHEETS FOR SIGNAL LOCATIONS AND DETAILS.



CONTRACT # 95864

FILE NAME : P:\Civil\Shelbyville Streetscape ADA 311356-B2\CAD_Sheets\Plan-02.dgn	USER NAME : Sja37	DESIGNED - SJF	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003-001</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS SCALE: 20,000' = 1" SECTION: 13-00055-00-5W PROJECT: 3113056-02	<b>ROADWAY PLAN</b> STA. 1053 +00 TO STA. 1056 +00	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20,0000' = 1"	DRAWN - SAE - TW	CHECKED -	REVISED -				44	19
PLOT DATE = 9/5/2019	DATE - SEPT. 6, 2019	REVISED -						

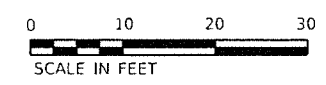


**LEGEND**

<u>EXISTING</u>	<u>PROPOSED</u>

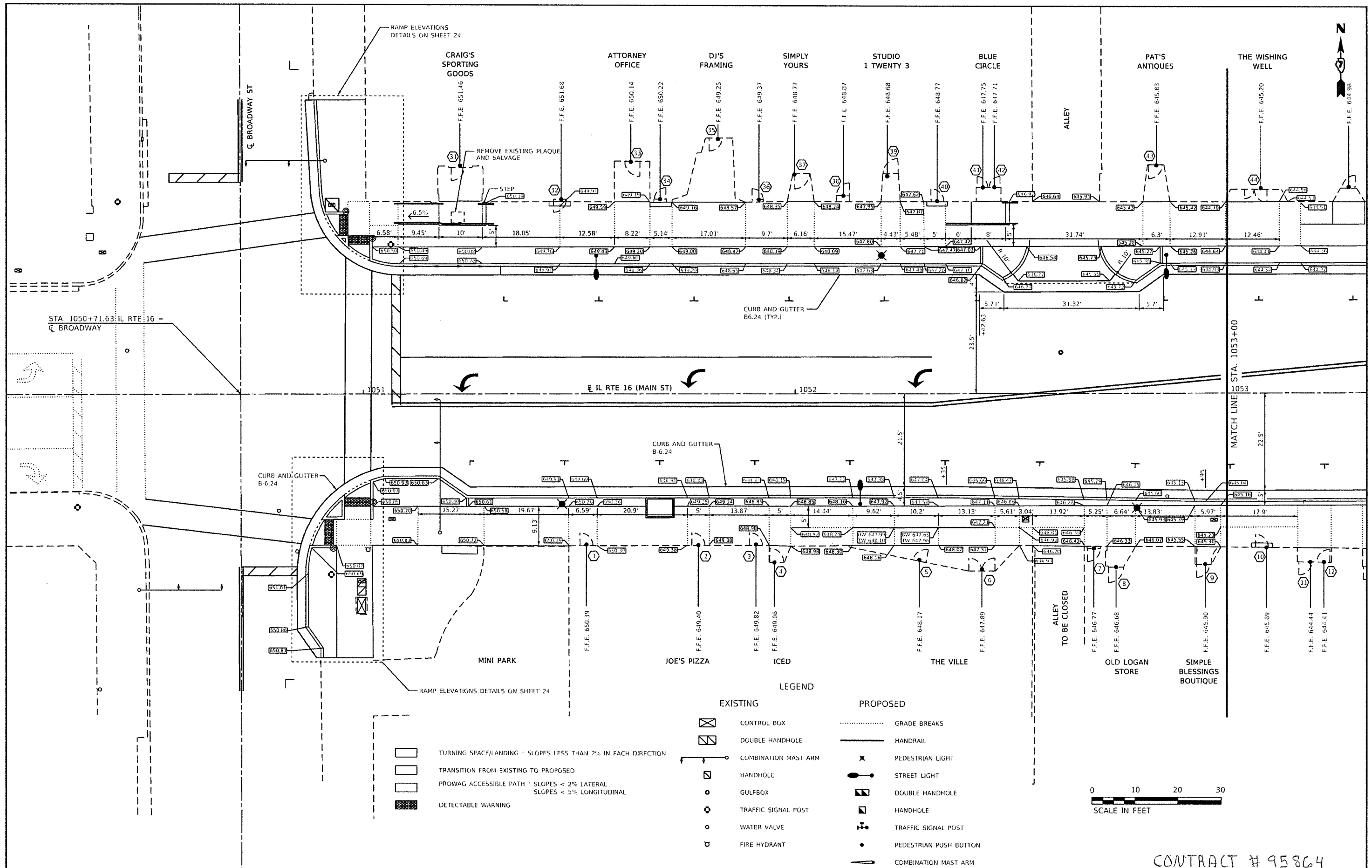
**GENERAL NOTES**

- SEE ELECTRICAL SHEETS FOR PEDESTRIAN AND STREET LIGHT LOCATIONS AND DETAILS.
- SEE TRAFFIC SIGNAL SHEETS FOR SIGNAL LOCATIONS AND DETAILS.



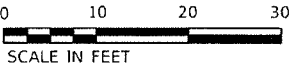
CONTRACT # 95864

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PLOT SCALE = 20.0000' = 1"	CHECKED -	DATE - SEPT. 6, 2019	REVISED -				



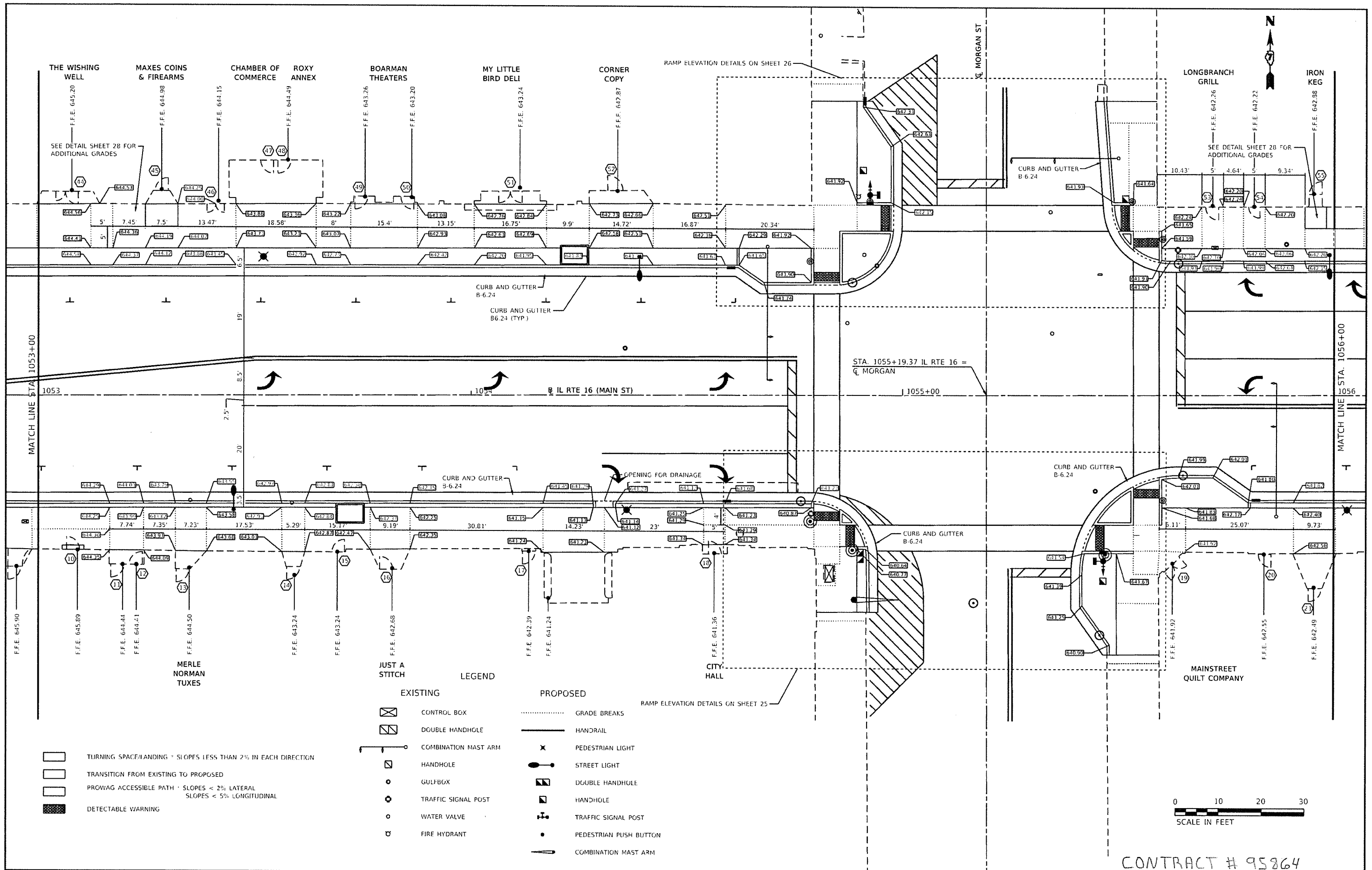
- TURNING SPACE/LANDING - SLOPES LESS THAN 2% IN EACH DIRECTION
- TRANSITION FROM EXISTING TO PROPOSED
- PROWAG ACCESSIBLE PATH - SLOPES < 2% LATERAL  
SLOPES < 5% LONGITUDINAL
- DETECTABLE WARNING

- LEGEND**
- | EXISTING |                      | PROPOSED |                        |
|----------|----------------------|----------|------------------------|
|          | CONTROL BOX          |          | GRADE BREAKS           |
|          | DOUBLE HANDHOLE      |          | HANDRAIL               |
|          | COMBINATION MAST ARM |          | PEDESTRIAN LIGHT       |
|          | HANDHOLE             |          | STREET LIGHT           |
|          | GULFBOX              |          | DOUBLE HANDHOLE        |
|          | TRAFFIC SIGNAL POST  |          | HANDHOLE               |
|          | WATER VALVE          |          | TRAFFIC SIGNAL POST    |
|          | FIRE HYDRANT         |          | PEDESTRIAN PUSH BUTTON |
|          |                      |          | COMBINATION MAST ARM   |



CONTRACT # 95864

FILE NAME :	USER NAME : Sta27	DESIGNED - SJF	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 194-001401</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b>	<b>SIDEWALK GRADING PLAN</b>	TOTAL SHEETS	SHEET NO.
Pr\Civil\Shelbyville Streetscape ADA 3113	56-02\CAD_Sheets\Detail_Plan-01.dgn	DRAWN - SAE - TW	REVISED -		SCALE: 20.0000' = 1" SECTION: 13-00055-00-SW PROJECT: 3113056-02	44	21	
PLOT SCALE = 20.0000' / 1"		CHECKED -	REVISED -					
PLOT DATE = 9/5/2019		DATE - SEPT. 6, 2019	REVISED -					



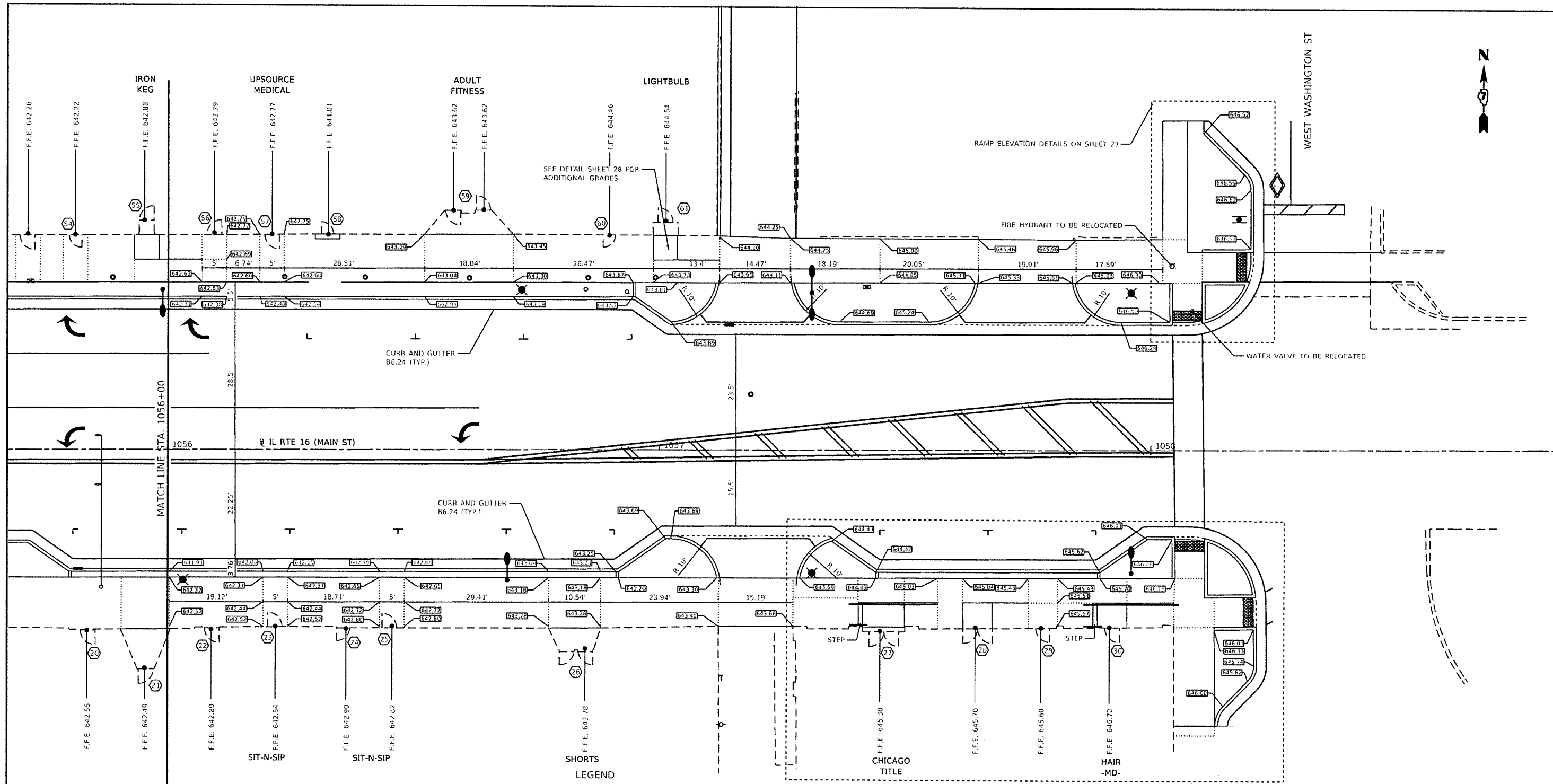
**LEGEND**

	TURNING SPACE/LANDING - SLOPES LESS THAN 2% IN EACH DIRECTION		EXISTING CONTROL BOX		PROPOSED GRADE BREAKS
	TRANSITION FROM EXISTING TO PROPOSED		EXISTING DOUBLE HANDHOLE		PROPOSED HANDRAIL
	PRO-WAG ACCESSIBLE PATH - SLOPES < 2% LATERAL SLOPES < 5% LONGITUDINAL		EXISTING COMBINATION MAST ARM		PROPOSED PEDESTRIAN LIGHT
	DETECTABLE WARNING		EXISTING HANDHOLE		PROPOSED STREET LIGHT
			EXISTING GULFBOX		PROPOSED DOUBLE HANDHOLE
			EXISTING TRAFFIC SIGNAL POST		PROPOSED HANDHOLE
			EXISTING WATER VALVE		PROPOSED TRAFFIC SIGNAL POST
			EXISTING FIRE HYDRANT		PROPOSED PEDESTRIAN PUSH BUTTON
					PROPOSED COMBINATION MAST ARM

FILE NAME : P:\Civ\Shelbyville Streetscape ADA 3113056-02\CA0_Sheets\Detail_Plan-B2.dgn	USER NAME : Sta37	DESIGNED - SJF	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184491401</small>	<b>MAIN STREET (IL RT 16) STREETSCAPE IMPROVEMENTS</b> DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS	<b>SIDEWALK GRADING PLAN</b>	TOTAL SHEETS	SHEET NO.
PLOT SCALE : 20.0000' = 1" = 1/8"	CHECKED -	REVISED -	44				22	
PLOT DATE : 9/5/2019	DATE - SEPT. 6, 2019	REVISED -						

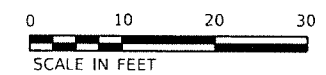
CONTRACT # 95864

SCALE: 20.0000' = 1" SECTION: 13-00055-00-SW PROJECT: 3113056-02



- | EXISTING |                      | PROPOSED |                        |
|----------|----------------------|----------|------------------------|
|          | CONTROL BOX          |          | GRADE BREAKS           |
|          | DOUBLE HANDHOLE      |          | HANDRAIL               |
|          | COMBINATION MAST ARM |          | PEDESTRIAN LIGHT       |
|          | HANDHOLE             |          | STREET LIGHT           |
|          | GULLY BOX            |          | DOUBLE HANDHOLE        |
|          | TRAFFIC SIGNAL POST  |          | HANDHOLE               |
|          | WATER VALVE          |          | TRAFFIC SIGNAL POST    |
|          | FIRE HYDRANT         |          | PEDESTRIAN PUSH BUTTON |
|          |                      |          | COMBINATION MAST ARM   |

- TURNING SPACE/LANDING - SLOPES LESS THAN 2% IN EACH DIRECTION
- TRANSITION FROM EXISTING TO PROPOSED
- PROWAG ACCESSIBLE PATH - SLOPES < 2% LATERAL SLOPES < 5% LONGITUDINAL
- DETECTABLE WARNING

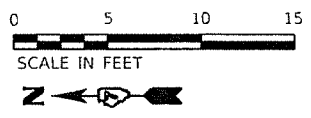


FILE NAME :	USER NAME = S1037	DESIGNED - SJF	REVISED -
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PLOT SCALE = 28.0000' / 1" =	DATE - SEPT. 6, 2019		
PLOT DATE = 9/5/2019			

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-093401

**MAIN STREET (IL RT 16) STREETSCAPE IMPROVEMENTS**  
**DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS**  
 SCALE: 20.0000' / 1" SECTION: 13-00055-00-SW PROJECT: 3113056-02

CONTRACT # 95864	
SIDEWALK GRADING PLAN	TOTAL SHEETS 44 SHEET NO. 23



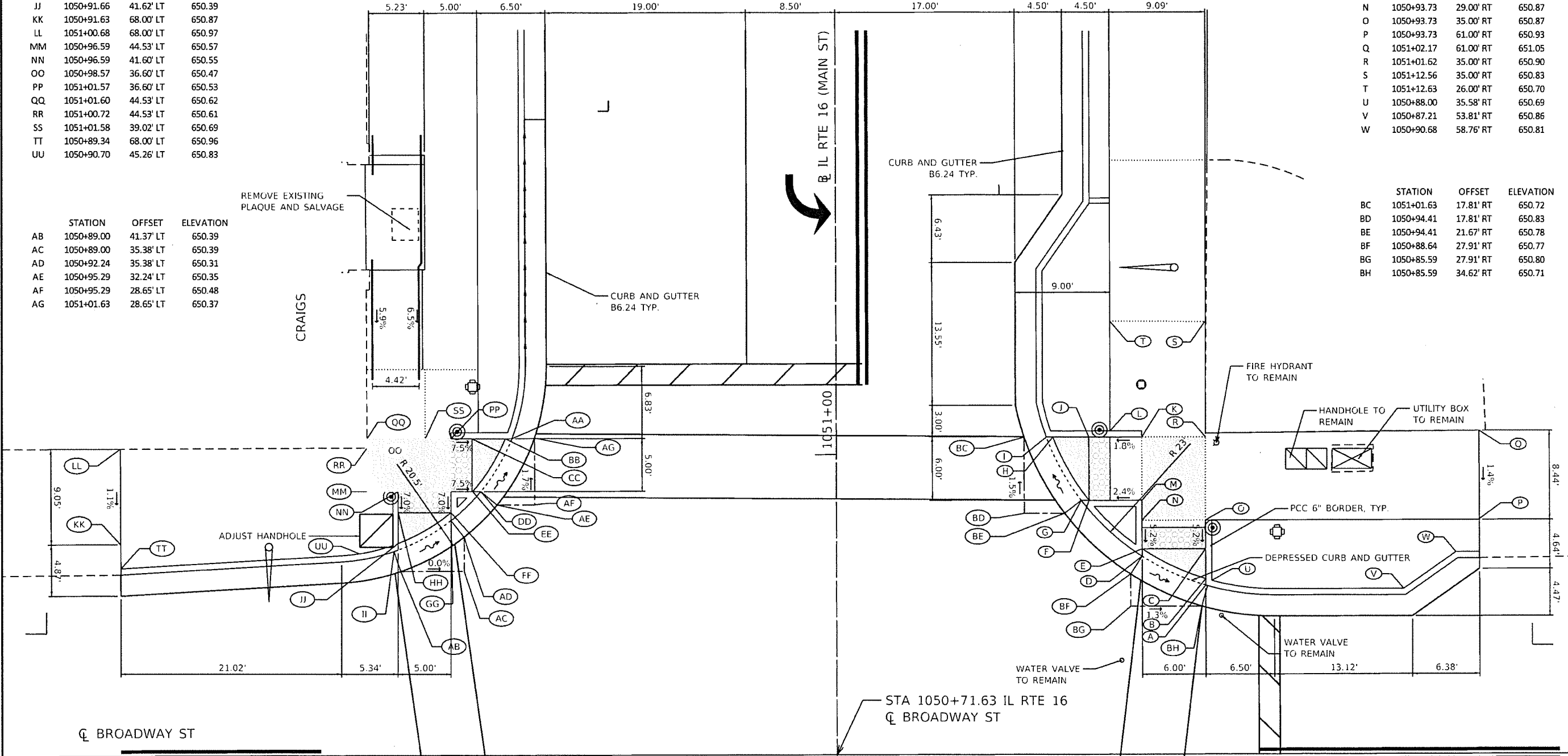
STATION	OFFSET	ELEVATION	
AA	1051+01.57	30.81' LT	650.28
BB	1051+01.57	31.11' LT	650.32
CC	1051+01.57	34.60' LT	650.38
DD	1050+96.57	33.78' LT	650.28
EE	1050+96.57	34.55' LT	650.32
FF	1050+94.57	36.61' LT	650.33
GG	1050+93.82	36.62' LT	650.29
HH	1050+94.59	41.61' LT	650.41
II	1050+90.90	42.02' LT	650.35
JJ	1050+91.66	41.62' LT	650.39
KK	1050+91.63	68.00' LT	650.87
LL	1051+00.68	68.00' LT	650.97
MM	1050+96.59	44.53' LT	650.57
NN	1050+96.59	41.60' LT	650.55
OO	1050+98.57	36.60' LT	650.47
PP	1051+01.57	36.60' LT	650.53
QQ	1051+01.60	44.53' LT	650.62
RR	1051+00.72	44.53' LT	650.61
SS	1051+01.58	39.02' LT	650.69
TT	1050+89.34	68.00' LT	650.96
UU	1050+90.70	45.26' LT	650.83

STATION	OFFSET	ELEVATION	
AB	1050+89.00	41.37' LT	650.39
AC	1050+89.00	35.38' LT	650.39
AD	1050+92.24	35.38' LT	650.31
AE	1050+95.29	32.24' LT	650.35
AF	1050+95.29	28.65' LT	650.48
AG	1051+01.63	28.65' LT	650.37

- LEGEND**
- ..... GRADE LINE
  - RAMP HANDRAIL
  - ..... TURNING SPACE/ LOWER LANDING
  - ..... TRANSITION FROM PROWAG COMPLIANT TO EXISTING SIDEWALK
  - ..... DETECTABLE WARNING
- EXISTING UTILITIES TO REMAIN/ ADJUSTED**
- ⊕ TRAFFIC SIGNAL POST
  - ▧ DOUBLE HANDHOLE
  - ▨ CONTROL BOX
  - GULFBOX
  - ☛ COMBINATION MAST ARM
- PROPOSED UTILITY LEGEND**
- ⊙ PEDESTRIAN PUSH BUTTON

STATION	OFFSET	ELEVATION	
A	1050+87.56	35.00' RT	650.65
B	1050+88.17	35.00' RT	650.70
C	1050+91.02	35.00' RT	650.73
D	1050+90.32	29.00' RT	650.69
E	1050+91.02	29.00' RT	650.73
F	1050+95.62	24.00' RT	650.76
G	1050+95.62	23.25' RT	650.72
H	1051+01.62	20.56' RT	650.71
I	1051+01.62	19.94' RT	650.67
J	1051+01.62	24.00' RT	650.76
K	1051+01.62	29.00' RT	650.85
L	1051+02.21	26.00' RT	650.85
M	1050+95.62	29.00' RT	650.88
N	1050+93.73	29.00' RT	650.87
O	1050+93.73	35.00' RT	650.87
P	1050+93.73	61.00' RT	650.93
Q	1051+02.17	61.00' RT	651.05
R	1051+01.62	35.00' RT	650.90
S	1051+12.56	35.00' RT	650.83
T	1051+12.63	26.00' RT	650.70
U	1050+88.00	35.58' RT	650.69
V	1050+87.21	53.81' RT	650.86
W	1050+90.68	58.76' RT	650.81

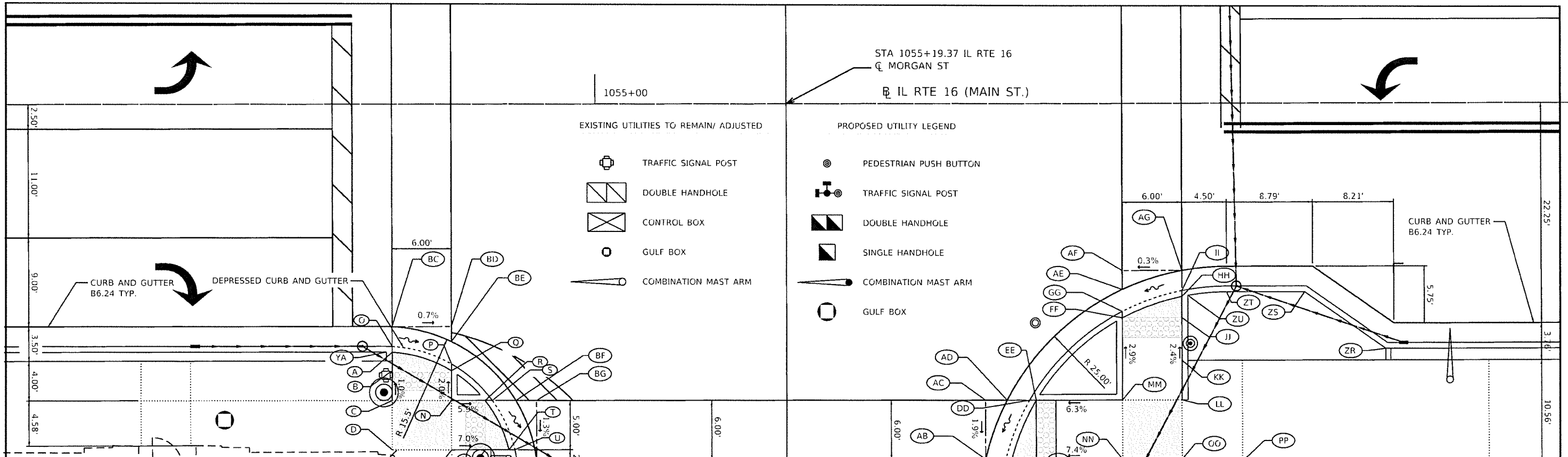
STATION	OFFSET	ELEVATION	
BC	1051+01.63	17.81' RT	650.72
BD	1050+94.41	17.81' RT	650.83
BE	1050+94.41	21.67' RT	650.78
BF	1050+88.64	27.91' RT	650.77
BG	1050+85.59	27.91' RT	650.80
BH	1050+85.59	34.62' RT	650.71



CONTRACT # 95864

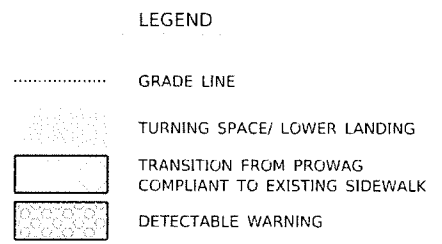
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PLOT SCALE = 10.0000' = 1"	CHECKED -	REVISED -	44				24	
PLOT DATE = 9/5/2019	DATE - SEPT. 6, 2019	REVISED -						





STATION	OFFSET	ELEVATION
A	1054+79.37	25.10' RT 640.84
B	1054+79.37	26.97' RT 640.84
C	1054+79.37	30.00' RT 640.87
D	1054+79.37	35.00' RT 640.92
E	1054+79.86	35.00' RT 640.92
F	1054+79.89	39.00' RT 640.91
G	1054+80	50.16' RT 640.83
H	1054+80	52.16' RT 640.90
I	1054+89.37	52.16' RT 640.70
J	1054+89.37	50.16' RT 640.69
K	1054+89.37	35.58' RT 640.77
L	1054+88.79	35.00' RT 640.59
M	1054+85.37	35.00' RT 640.83
N	1054+85.37	30.00' RT 640.81
O	1054+79.37	24.52' RT 640.80
P	1054+85.37	26.29' RT 640.72
Q	1054+85.37	26.97' RT 640.75
R	1054+88.79	30.00' RT 640.61
S	1054+89.52	30.00' RT 640.56
T	1054+91.21	35.00' RT 640.56
U	1054+91.81	35.00' RT 640.52
V	1054+89.37	39.00' RT 640.77
W	1054+85.37	39.00' RT 640.83
X	1054+84.37	39.00' RT 640.85
Y	1054+84.37	44.00' RT 640.8
Z	1054+89.37	44.00' RT 640.73
YA	1054+78.79	25.08' RT 641.23
YB	1054+79.93	44.00' RT 640.87
YC	1054+91.65	50.16' RT 640.78
YD	1054+91.33	35.58' RT 640.64

STATION	OFFSET	ELEVATION
BC	1054+79.37	22.52' RT 640.85
BD	1054+87.37	22.52' RT 640.89
BE	1054+85.37	24.03' RT 640.80
BF	1054+91.92	30.00' RT 640.60
BG	1054+94.02	30.00' RT 640.68
BH	1054+84.02	36.00' RT 640.59



STATION	OFFSET	ELEVATION
AB	1055+39.48	36.00' RT 641.11
AC	1055+39.48	30.00' RT 641.19
AD	1055+41.67	30.00' RT 641.18
AE	1055+53.37	18.81' RT 641.51
AF	1055+53.37	16.91' RT 641.57
AG	1055+59.37	16.91' RT 641.58

STATION	OFFSET	ELEVATION
AA	1055+41.54	36.00' RT 641.05
BB	1055+42.14	36.00' RT 641.10
CC	1055+44.63	36.00' RT 641.11
DD	1055+43.95	30.00' RT 641.15
EE	1055+44.63	30.00' RT 641.21
FF	1055+53.37	21.70' RT 641.46
GG	1055+53.37	21.04' RT 641.43
HH	1055+59.37	19.54' RT 641.55
II	1055+59.37	18.95' RT 641.51
JJ	1055+59.37	21.70' RT 641.56
KK	1055+59.37	26.01' RT 641.66
LL	1055+59.37	30.00' RT 641.76
MM	1055+53.37	30.00' RT 641.70
NN	1055+53.37	36.00' RT 641.76
OO	1055+59.37	36.00' RT 641.82
PP	1055+65.43	36.23' RT 641.92
QQ	1055+53.33	41.37' RT 641.78
RR	1055+58.98	41.41' RT 641.83
SS	1055+59.21	48.11' RT 641.74
TT	1055+49.37	48.05' RT 641.60
UU	1055+49.37	60.00' RT 641.25
VV	1055+59.29	60.00' RT 641.47
WW	1055+59.29	62.00' RT 641.40
XX	1055+49.37	62.00' RT 641.20
ZZ	1055+47.81	60.00' RT 641.21
ZY	1055+47.79	57.73' RT 640.90
ZX	1055+41.45	48.68' RT 641.25
ZW	1055+42.00	36.58' RT 641.54
ZV	1055+49.37	36.58' RT 641.67
ZU	1055+59.96	19.43' RT 642.01
ZT	1055+63.87	19.08' RT 641.99
ZS	1055+71.84	19.08' RT 642.01
ZR	1055+80.05	24.83' RT 641.80

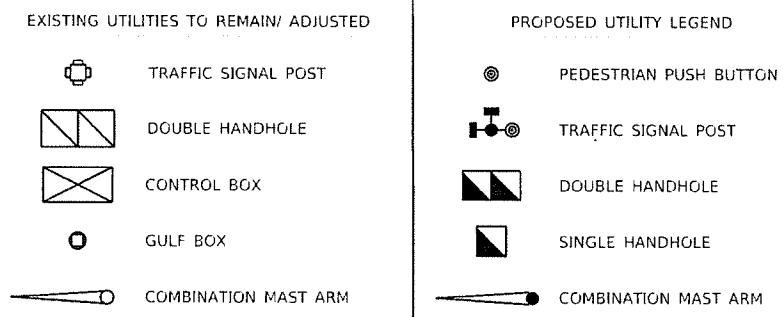
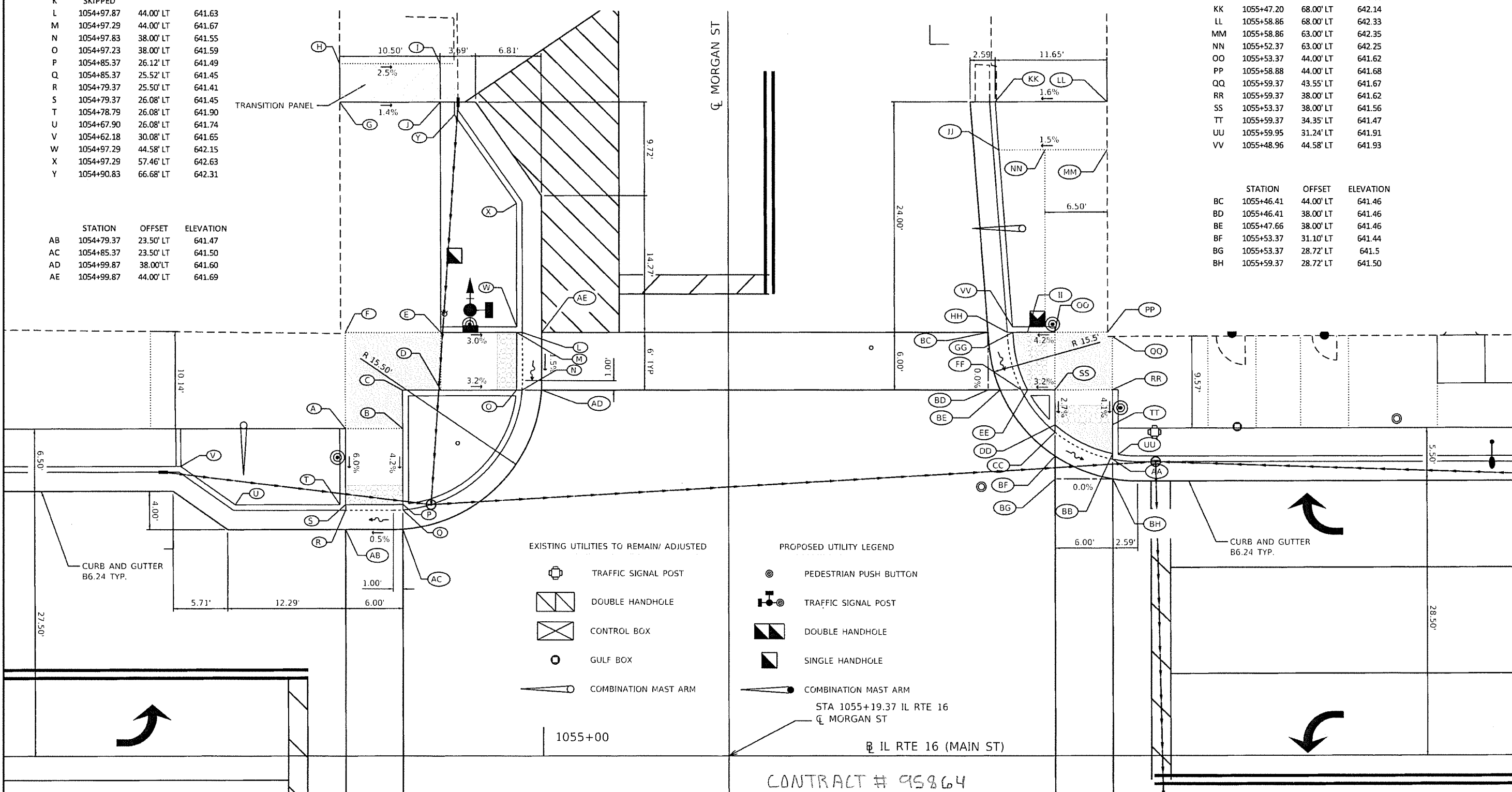
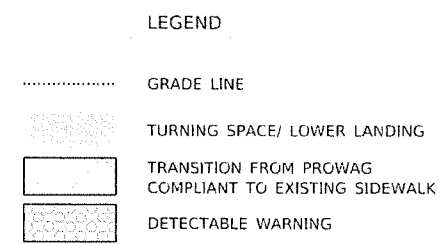
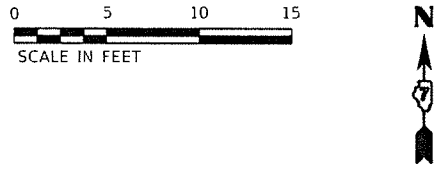
CONTRACT # 95864

STATION	OFFSET	ELEVATION
A	1054+79.37	34.00' LT 641.90
B	1054+8.37	34.00' LT 641.84
C	1054+85.37	36.00' LT 641.88
D	1054+89.37	38.00' LT 641.84
E	1054+89.37	44.00' LT 641.90
F	1054+79.37	44.00' LT 642.00
G	1054+78.87	68.00' LT 642.65
H	1054+78.87	72.00' LT 642.85
I	1054+89.37	72.00' LT 642.59
J	1054+89.37	68.00' LT 642.50
K		SKIPPED
L	1054+97.87	44.00' LT 641.63
M	1054+97.29	44.00' LT 641.67
N	1054+97.83	38.00' LT 641.55
O	1054+97.23	38.00' LT 641.59
P	1054+85.37	26.12' LT 641.49
Q	1054+85.37	25.52' LT 641.45
R	1054+79.37	25.50' LT 641.41
S	1054+79.37	26.08' LT 641.45
T	1054+78.79	26.08' LT 641.90
U	1054+67.90	26.08' LT 641.74
V	1054+62.18	30.08' LT 641.65
W	1054+97.29	44.58' LT 642.15
X	1054+97.29	57.46' LT 642.63
Y	1054+90.83	66.68' LT 642.31

STATION	OFFSET	ELEVATION
AB	1054+79.37	23.50' LT 641.47
AC	1054+85.37	23.50' LT 641.50
AD	1054+99.87	38.00' LT 641.60
AE	1054+99.87	44.00' LT 641.69

STATION	OFFSET	ELEVATION
AA	1055+59.37	30.75' LT 641.41
BB	1055+59.37	31.35' LT 641.45
CC	1055+53.37	33.59' LT 641.42
DD	1055+53.37	34.35' LT 641.46
EE	1055+50.52	38.00' LT 641.47
FF	1055+49.86	38.00' LT 641.43
GG	1055+49.04	44.00' LT 641.48
HH	1055+48.42	44.00' LT 641.44
II	1055+50.52	44.00' LT 641.50
JJ	1055+47.58	63.00' LT 642.18
KK	1055+47.20	68.00' LT 642.14
LL	1055+58.86	68.00' LT 642.33
MM	1055+58.86	63.00' LT 642.35
NN	1055+52.37	63.00' LT 642.25
OO	1055+53.37	44.00' LT 641.62
PP	1055+58.88	44.00' LT 641.68
QQ	1055+59.37	43.55' LT 641.67
RR	1055+59.37	38.00' LT 641.62
SS	1055+53.37	38.00' LT 641.56
TT	1055+59.37	34.35' LT 641.47
UU	1055+59.95	31.24' LT 641.91
VV	1055+48.96	44.58' LT 641.93

STATION	OFFSET	ELEVATION
BC	1055+46.41	44.00' LT 641.46
BD	1055+46.41	38.00' LT 641.46
BE	1055+47.66	38.00' LT 641.46
BF	1055+53.37	31.10' LT 641.44
BG	1055+53.37	28.72' LT 641.5
BH	1055+59.37	28.72' LT 641.50

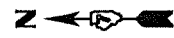


1055+00

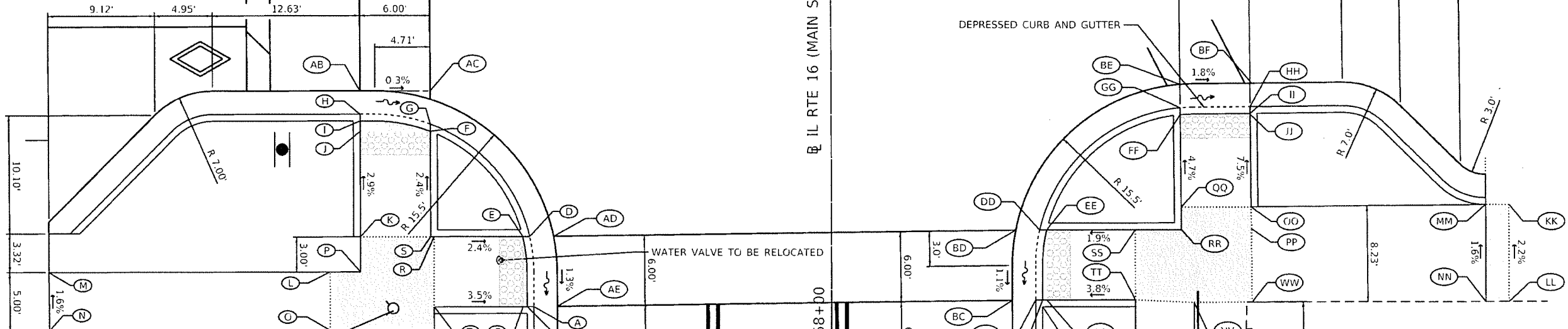
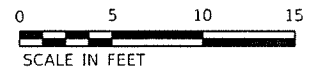
IL RTE 16 (MAIN ST)

CONTRACT # 95864

FILE NAME : P:\Civil\Shelbyville Streetscape ADA 311356-02\CAD_Sheets\SW_Elev_06.dgn	USER NAME : Sja37	DESIGNED - SJA	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 18-4401301</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS <small>SCALE: 10.0000' = 1" SECTION: 13-00055-00-SW PROJECT: 3113056-02</small>	<b>CURB RAMP ELEVATIONS</b> MORGAN STREET NORTH SIDE	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' = 1"	CHECKED -	REVISED -	44				26	
PLOT DATE = 9/5/2019	DATE - SEPT. 6, 2019	REVISED -						



WEST WASHINGTON STREET



STATION	OFFSET	ELEVATION	
A	1058+04.39	25.50' LT	646.05
B	1058+04.38	26.08' LT	646.09
C	1058+04.38	26.44' LT	646.09
D	1058+10.38	25.84' LT	646.10
E	1058+10.38	26.44' LT	646.14
F	1058+19.41	34.29' LT	646.10
G	1058+20.03	34.29' LT	646.06
H	1058+20.88	40.29' LT	646.07
I	1058+20.30	40.29' LT	646.11
J	1058+19.41	40.29' LT	646.12
K	1058+10.38	40.29' LT	646.38
L	1058+07.38	42.92' LT	646.40
M	1058+07.38	67.00' LT	646.57
N	1058+02.38	67.00' LT	646.65
O	1058+02.38	42.92' LT	646.41
P	1058+07.38	40.29' LT	646.40
Q	1058+02.38	34.00' LT	646.32
R	1058+10.38	34.00' LT	646.32
S	1058+10.38	34.29' LT	646.32
T	1058+04.38	34.00' LT	646.34

STATION	OFFSET	ELEVATION	
AB	1058+22.88	40.29' LT	646.13
AC	1058+22.86	34.29' LT	646.13
AD	1058+10.40	23.80' LT	646.18
AE	1058+04.41	23.50' LT	646.11

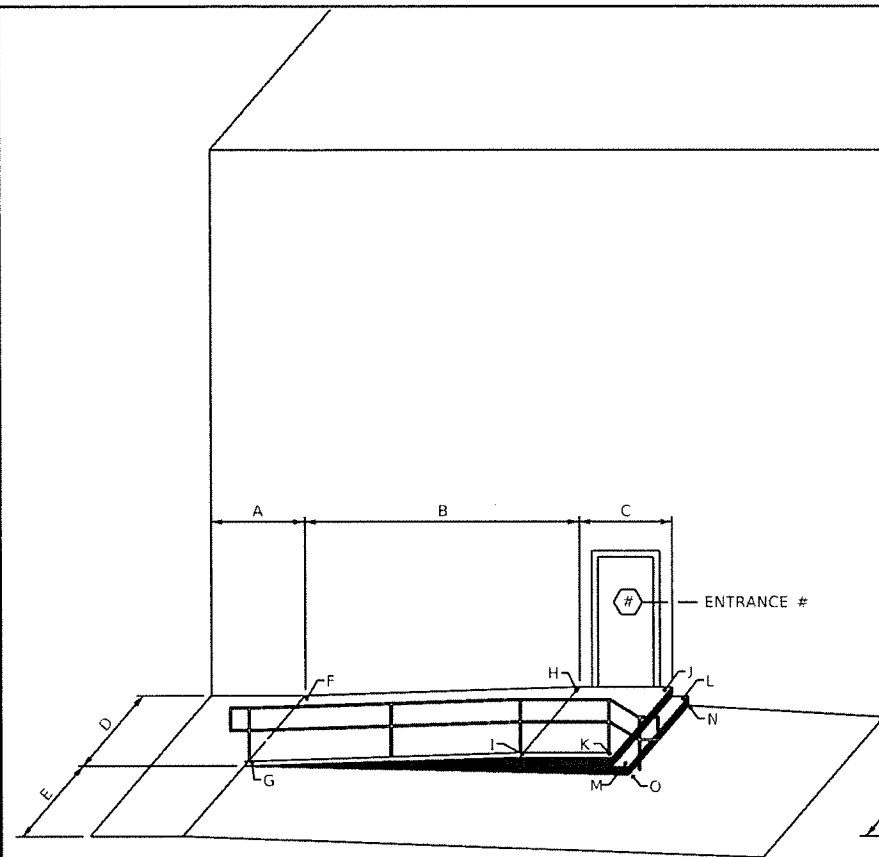
LEGEND

- ..... GRADE LINE
- RAMP HANDRAIL
- TURNING SPACE/ LOWER LANDING
- TRANSITION FROM PROWAG COMPLIANT TO EXISTING SIDEWALK
- DETECTABLE WARNING
- T - TOP OF STEP/ B - BOTTOM OF STEP

STATION	OFFSET	ELEVATION	
AA	1058+04.88	18.44' RT	645.86
BB	1058+04.88	18.08' RT	645.86
CC	1058+04.88	17.50' RT	645.82
DD	1058+10.88	17.85' RT	645.88
EE	1058+10.88	18.44' RT	645.92
FF	1058+20.71	29.87' RT	645.67
GG	1058+21.29	29.87' RT	645.63
HH	1058+21.38	35.87' RT	645.53
II	1058+20.79	35.87' RT	645.57
JJ	1058+20.71	35.87' RT	645.57
KK	1058+12.95	58.00' RT	645.97
LL	1058+04.62	58.00' RT	646.15
MM	1058+12.93	56.00' RT	646.02
NN	1058+04.62	56.00' RT	646.15
OO	1058+12.79	35.87' RT	646.14
PP	1058+10.92	35.87' RT	646.16
QQ	1058+12.79	29.93' RT	646.08
RR	1058+10.88	29.94' RT	646.10
SS	1058+10.88	26.00' RT	646.06
TT	1058+04.88	26.00' RT	646.15
UU	-	-	-
VV	1058+04.62	31.00' RT	646.21
WW	1058+04.65	36.00' RT	646.26

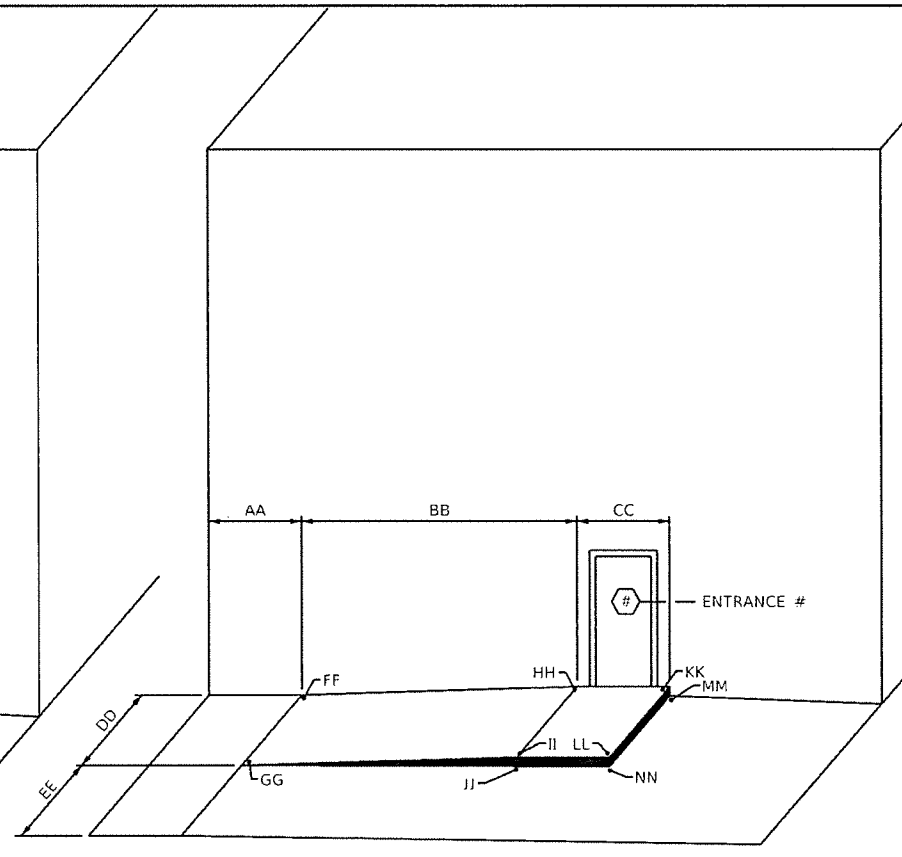
STATION	OFFSET	ELEVATION	
BC	1058+04.85	15.50' RT	645.88
BD	1058+10.86	15.80' RT	645.94
BE	1058+23.30	29.86' RT	645.69
BF	1058+23.38	35.87' RT	645.58

CONTRACT # 95864



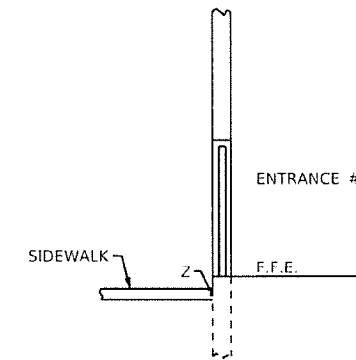
1 ISOMETRIC RAMP DETAIL

	Entrance #			
	27	30	31	41-42
A	5.00'	5.00'	6.58'	5.00'
B	6.84'	9.50'	9.45'	6.00'
C	8.50'	6.00'	10.00'	8.00'
D	5.00'	5.00'	5.20'	5.00'
E	5.00'	5.00'	5.00'	5.00'
F	645.18	646.25	650.64	647.57
G	645.11	646.21	650.56	647.50
H	645.28	646.70	651.20	647.68
I	645.20	646.63	651.17	647.60
J	645.28	646.70	651.25	647.68
K	645.20	646.62	651.17	647.61
L	644.85	646.24	650.72	647.30
M	644.79	646.18	650.64	647.22
N	644.42	645.79	650.19	646.92
O	644.36	645.72	650.13	646.84



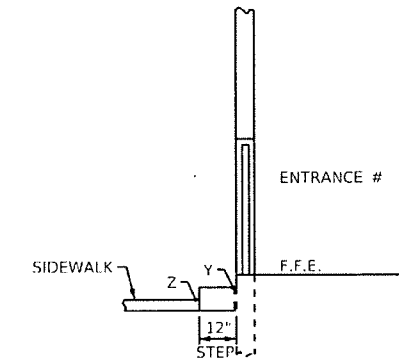
2 ISOMETRIC RAMP DETAIL

	Entrance #			
	28	45	55	61
AA	6.00'	5.00'	5.00'	5.00'
BB	7.40'	7.45'	8.73'	8.60'
CC	6.00'	7.50'	5.00'	4.80'
DD	5.00'	5.20'	5.00'	5.00'
EE	4.95'	4.95'	4.63'	4.59'
FF	645.58	644.51	642.77	644.10
GG	645.50	644.43	642.69	644.02
HH	645.68	644.75	642.84	644.37
II	645.60	644.67	642.76	644.30
JJ	645.28	644.26	642.42	643.88
KK	645.68	644.75	642.84	644.38
LL	645.60	644.67	642.76	644.30
MM	645.18	644.25	642.34	643.88
NN	645.10	644.09	642.26	643.80



3 SECTION AT DOORWAY

Entrance #	FFE	Z
3	649.82	649.07
7	646.77	646.38
15	643.24	642.67
17	642.39	641.36
20	642.55	642.41
22	642.89	642.52
24	642.90	642.69
29	645.60	645.58
36	649.37	648.51
38	648.87	648.12
46	644.15	644.00
56	642.79	642.77
60	644.46	643.74

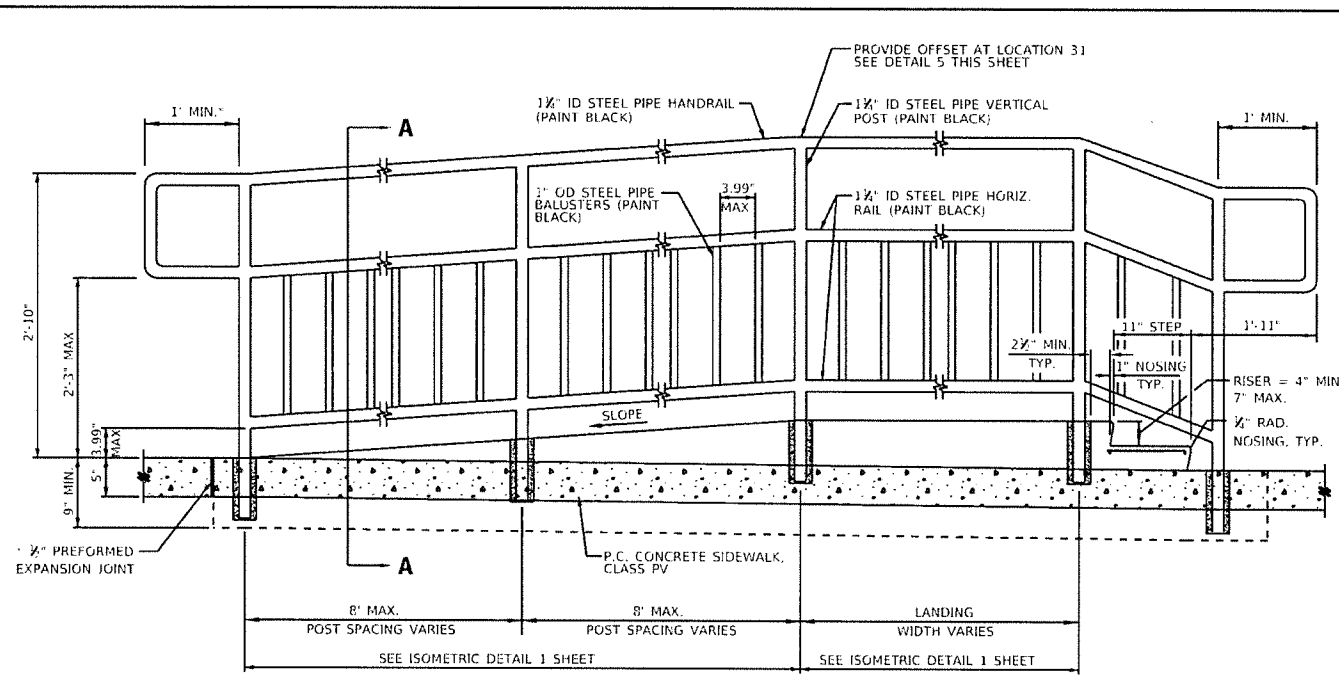


4 SECTION AT DOORWAY

Entrance #	FFE	Y	Z
10	645.89	645.34	644.79
32	651.40*	650.66	649.91
34	650.22	649.74	649.26
40	648.77	648.19	647.60
58	644.01	643.45	642.88

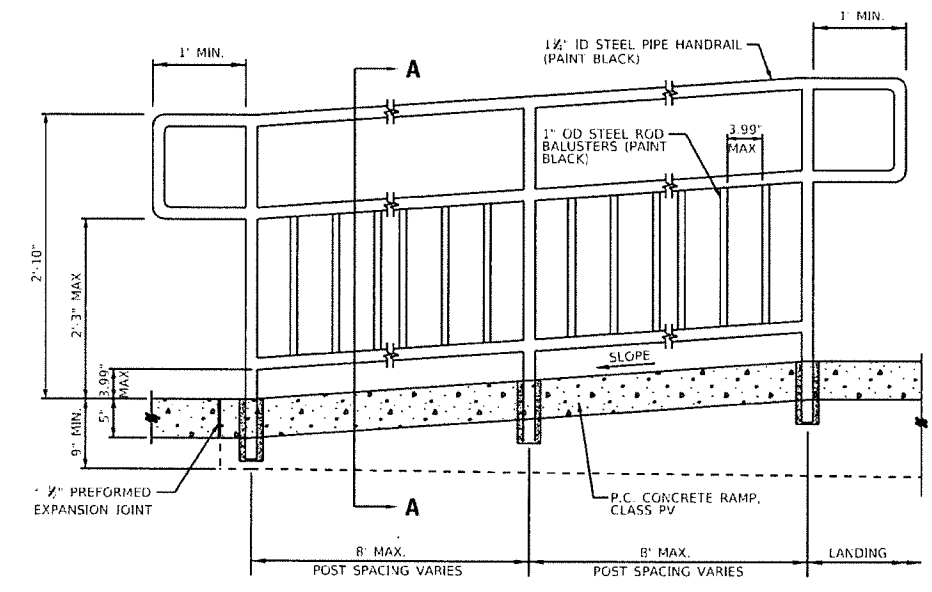
\* EXISTING TREAD ELEVATION AT BUILDING LINE

CONTRACT # 95864



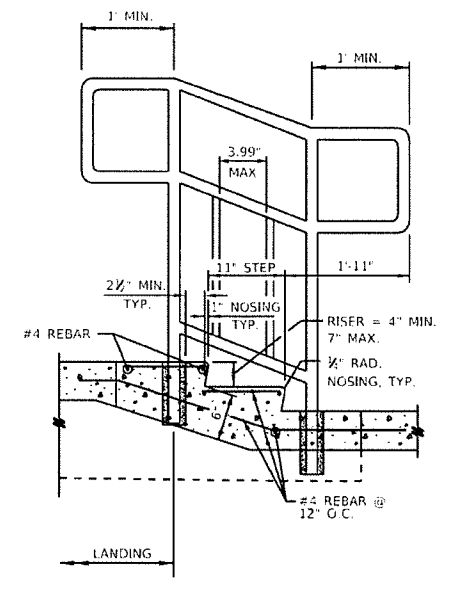
**1 HANDRAIL DETAIL AT RAMP**

AT LOCATIONS 27, 30, 31, AND 41-42  
 \* DELETE HANDRAIL EXTENSION AT LOCATIONS 27 AND 41-42 IN ACCORDANCE WITH PROWAG ART. 409.10



**2 HANDRAIL DETAIL AT RAMP**

NEXT TO BUILDING AT LOCATION 31  
 LOCATIONS 27, 30, AND 41-42 HAVE A LONGITUDINAL SLOPE <5% AND THEREFORE ARE NOT RAMP. HANDRAIL ALONG BUILDING IS NOT REQUIRED.



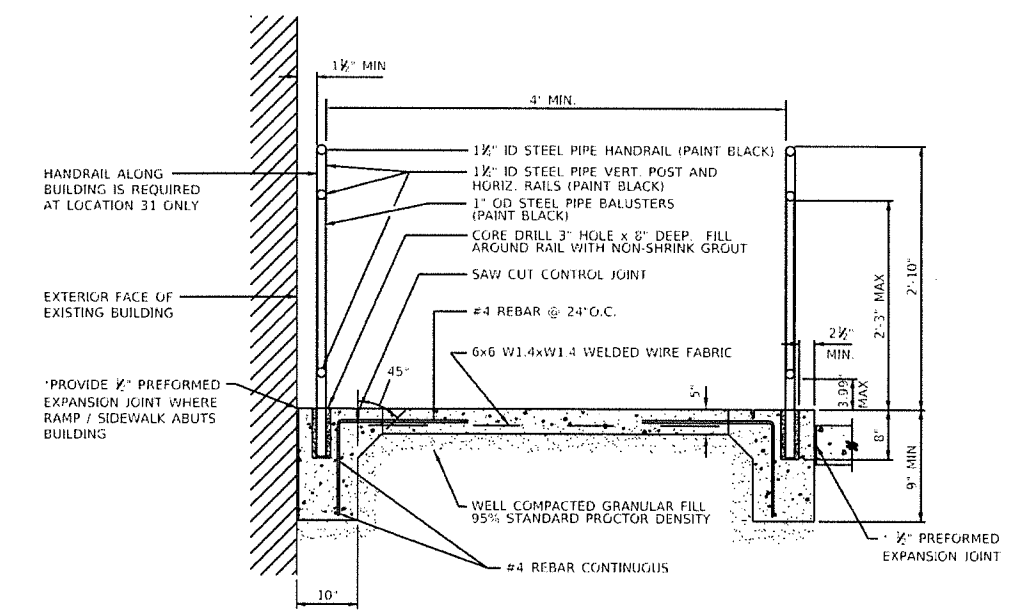
**3 HANDRAIL DETAIL AT STAIRS**

NEXT TO BUILDING AT LOCATIONS 27, 30, 31, AND 41-42

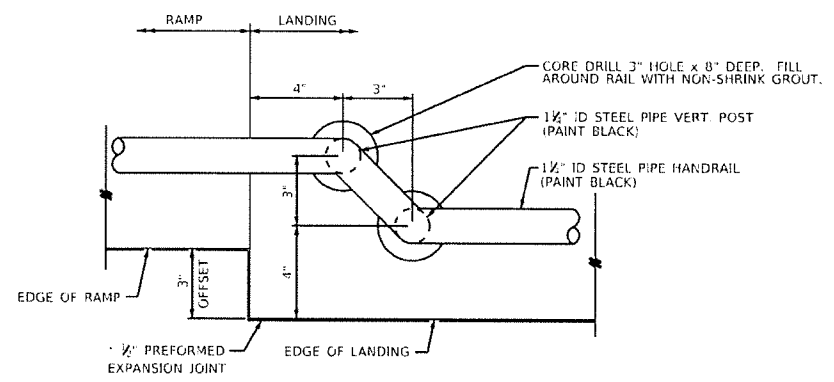
SEAL THE JOINT IN ACCORDANCE WITH ARTICLE 420.12, EXCEPT THE JOINT SHALL BE SEALED WITH POLYSULFIDE OR POLYURETHANE JOINT SEALER.

REINFORCEMENT SCHEDULE			
ENTRANCE	QUANTITY	50800205	20007120
		REINFORCEMENT BARS, EPOXY COATED	WELDED WIRE FABRIC 6X6
		FOOT	POUNDS
27	185	123.6	8.5
30	186	124.2	8.6
31	213	142.3	10.8
41-42	183	122.2	7.8
	TOTAL =	512	36

ALL REINFORCEMENT BARS ARE #4  
 LB/FT CONVERSION: 0.668 LB/FT  
 WELDED WIRE FABRIC SHALL BE W1.4 X W1.4



**4 SECTION A-A**



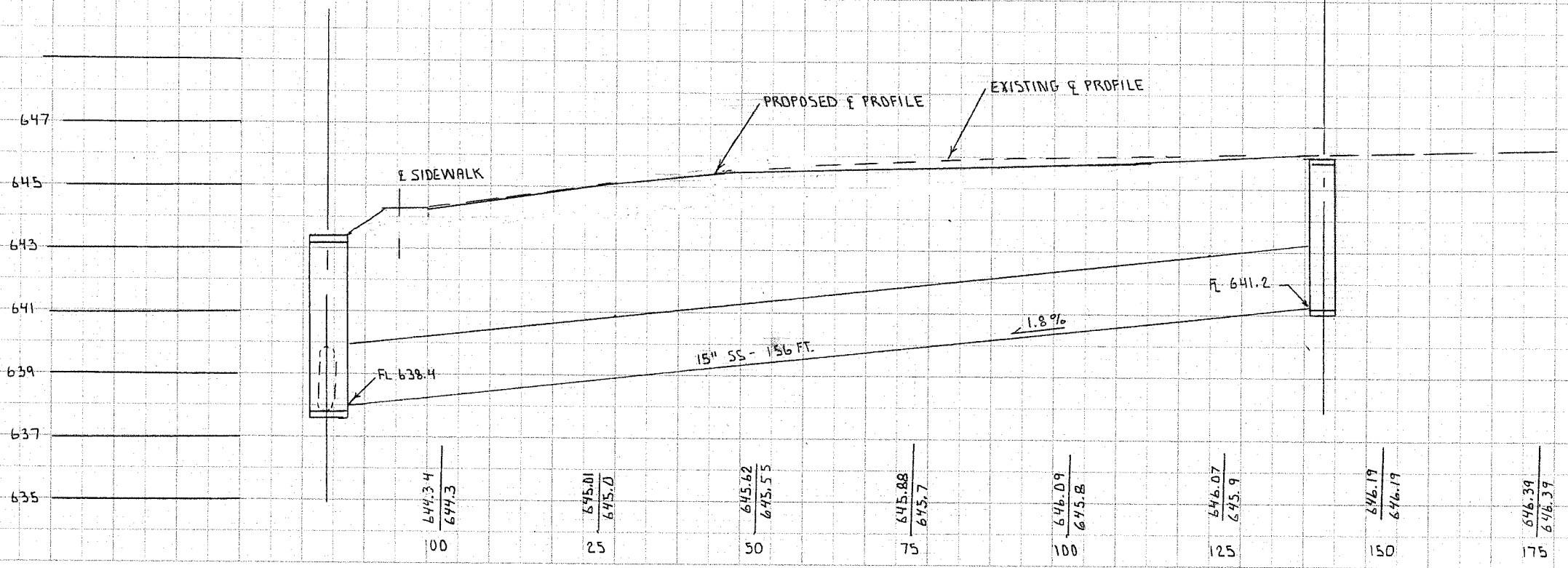
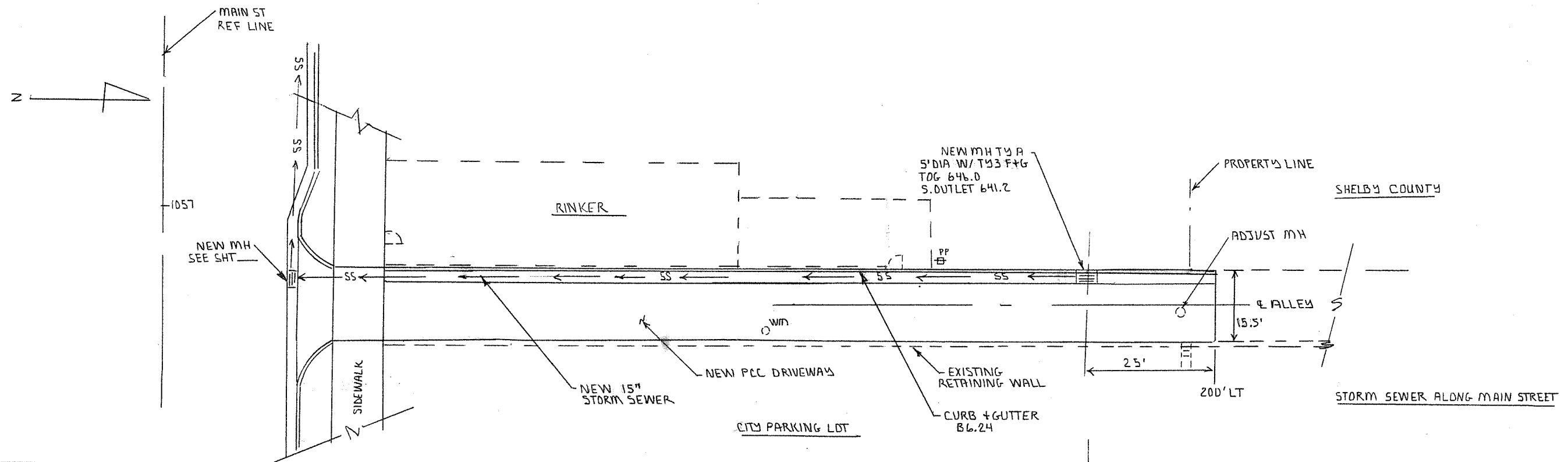
**5 HANDRAIL OFFSET DETAIL**  
 LOCATION 31

PIPE HANDRAIL			
ENTRANCE NO.	LOCATION	OFFSET	LENGTH
27	RAMP & STAIRS	RT	19.5
27	STAIRS	LT	4.1
30	RAMP & STAIRS	RT	19.6
30	STAIRS	LT	4.1
31	RAMP & STAIRS	RT	23.5
31	RAMP	LT	11.5
31	STAIRS	LT	4.1
41-42	RAMP & STAIRS	RT	18.2
41-42	STAIRS	LT	4.1
	TOTAL		108.7

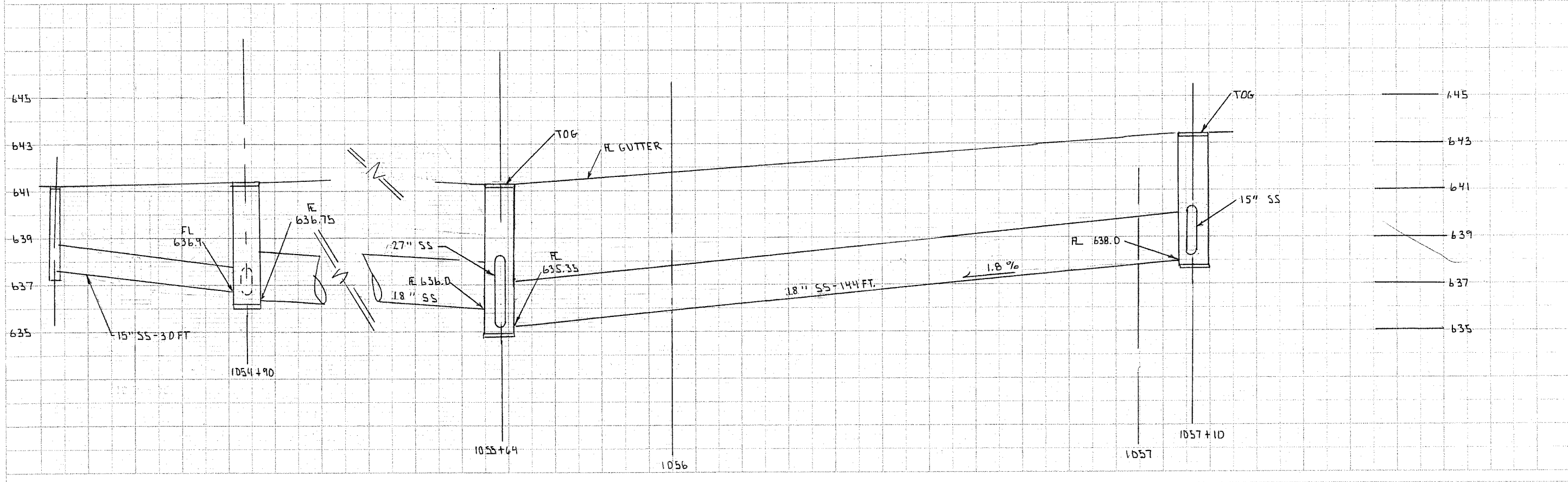
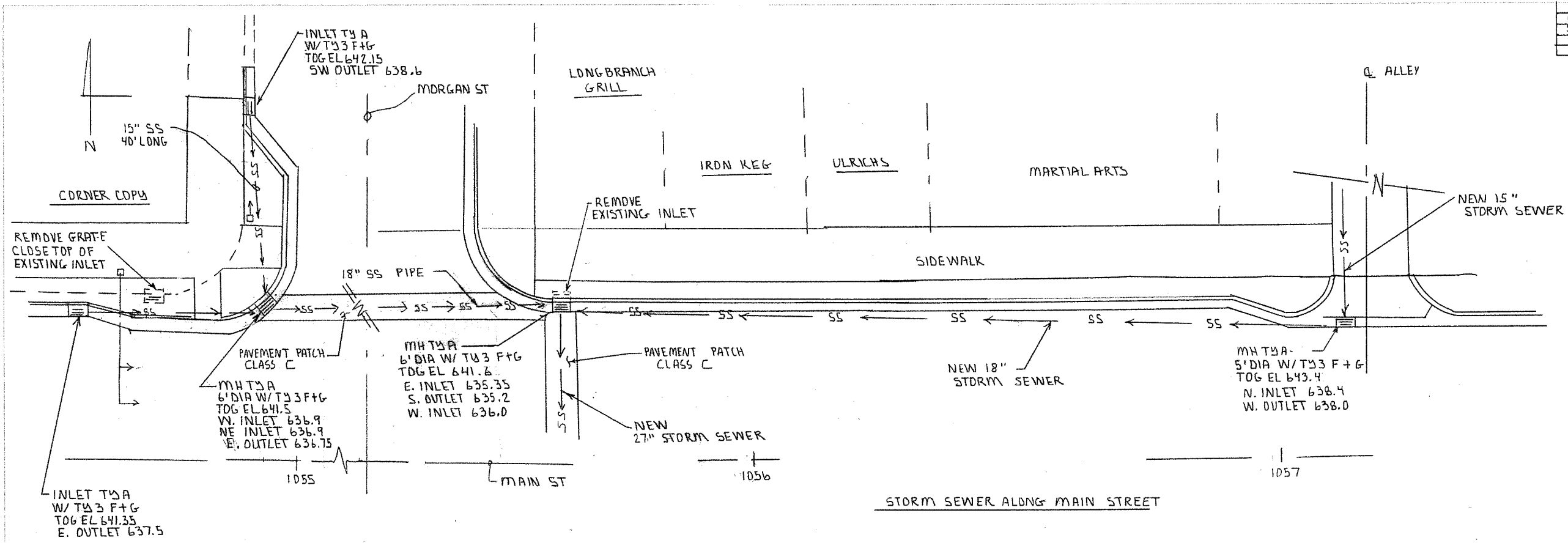
THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH SECTION 509 OF THE STANDARD SPECIFICATIONS.

CONTRACT # 95864

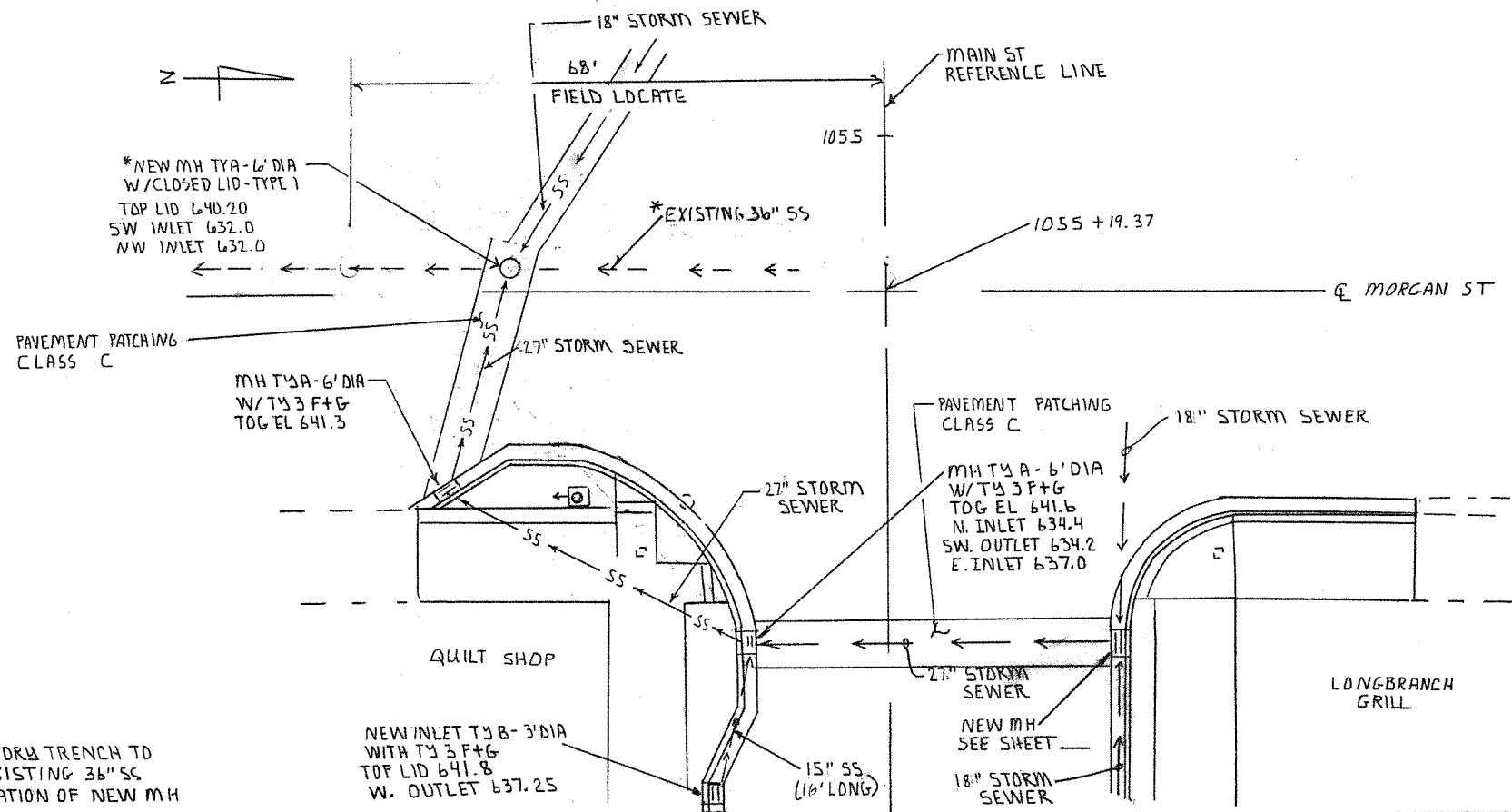
SHELBY COUNTY  
 CITY OF SHREVEPORT  
 SECTION 13-00056-00-5W  
 CONTRACT # 95864  
 SHEET 30 OF 44 SHEETS



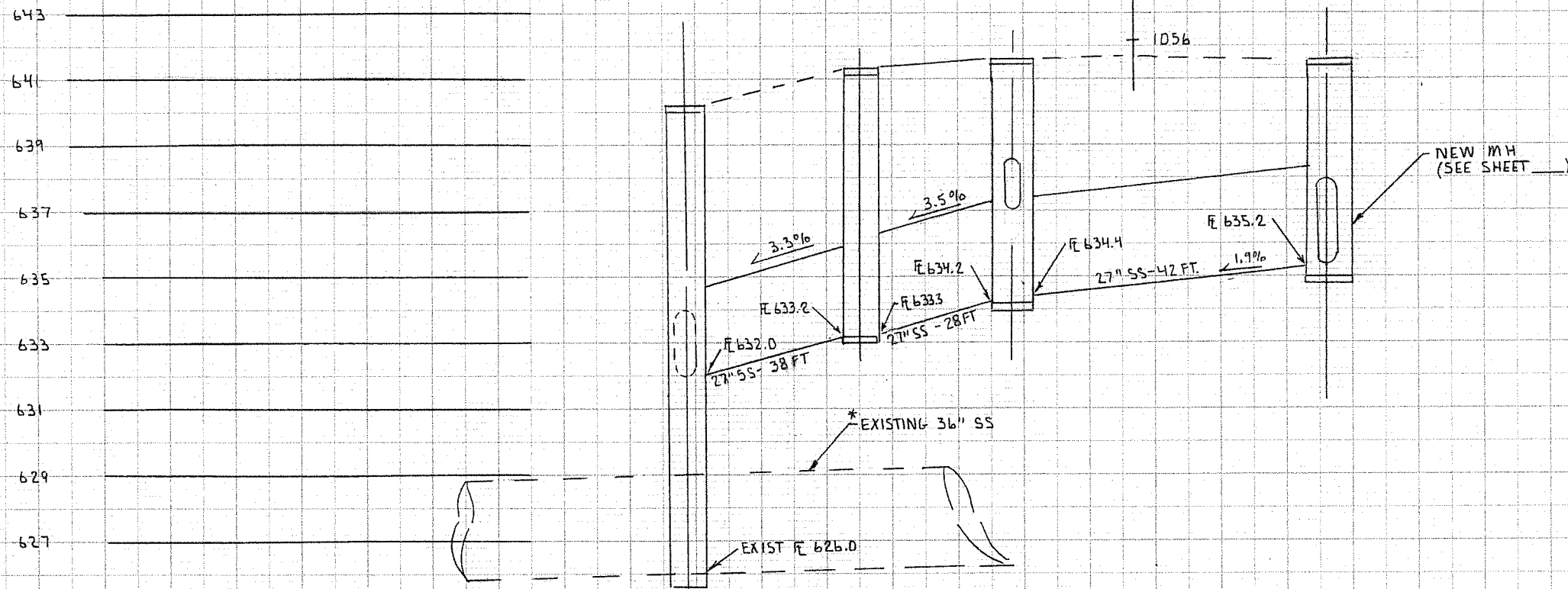
SHELBY COUNTY
CITY OF SHELDYVILLE
SECTION 13-00055-00-SW
CONTRACT # 95864
SHEET 31 OF 44 SHEETS



SHELBY COUNTY
CITY OF SHELBYVILLE
SECTION 15-00055-00-SW
CONTRACT # 95804
SHEET 32 OF 47 SHEETS

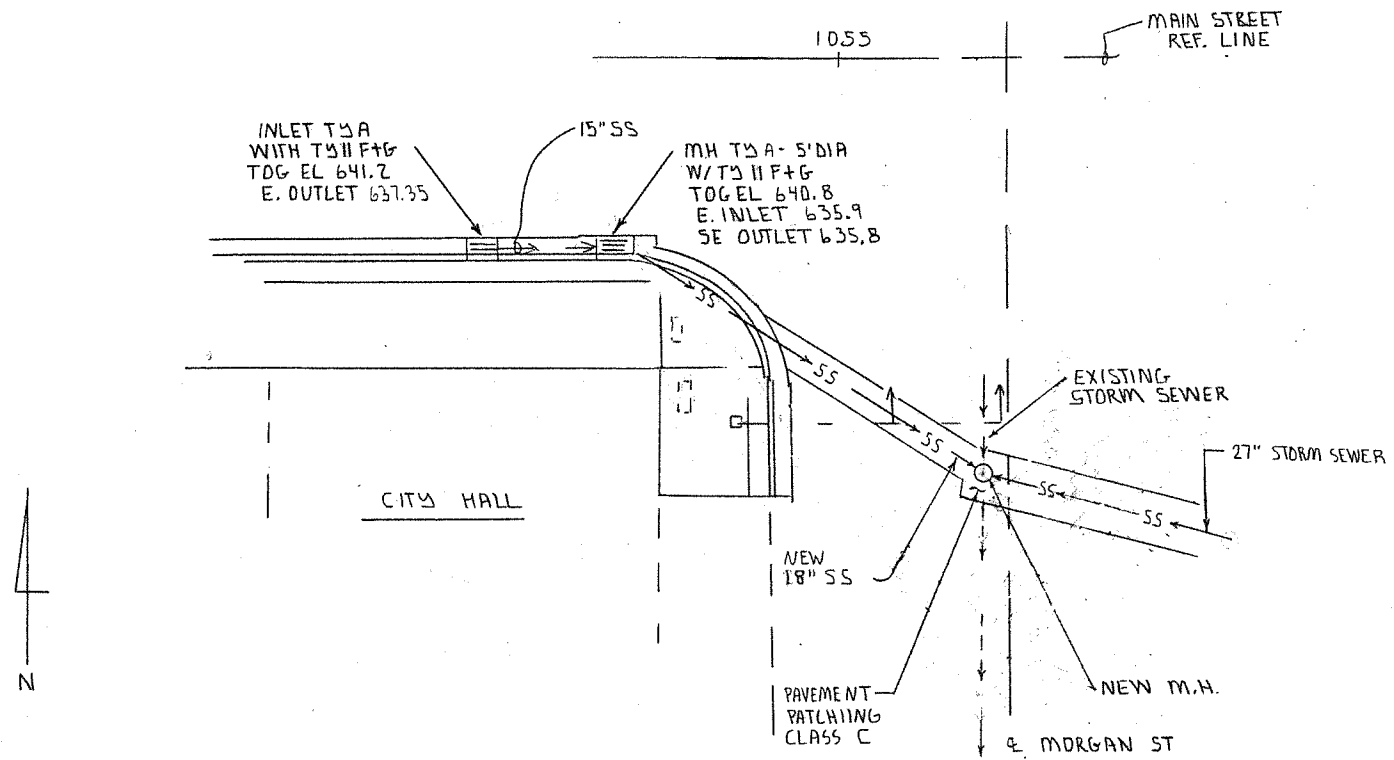


PROVIDE EXPLORATORY TRENCH TO  
\* FIELD LOCATE EXISTING 36" SS  
PRIOR TO FABRICATION OF NEW MH

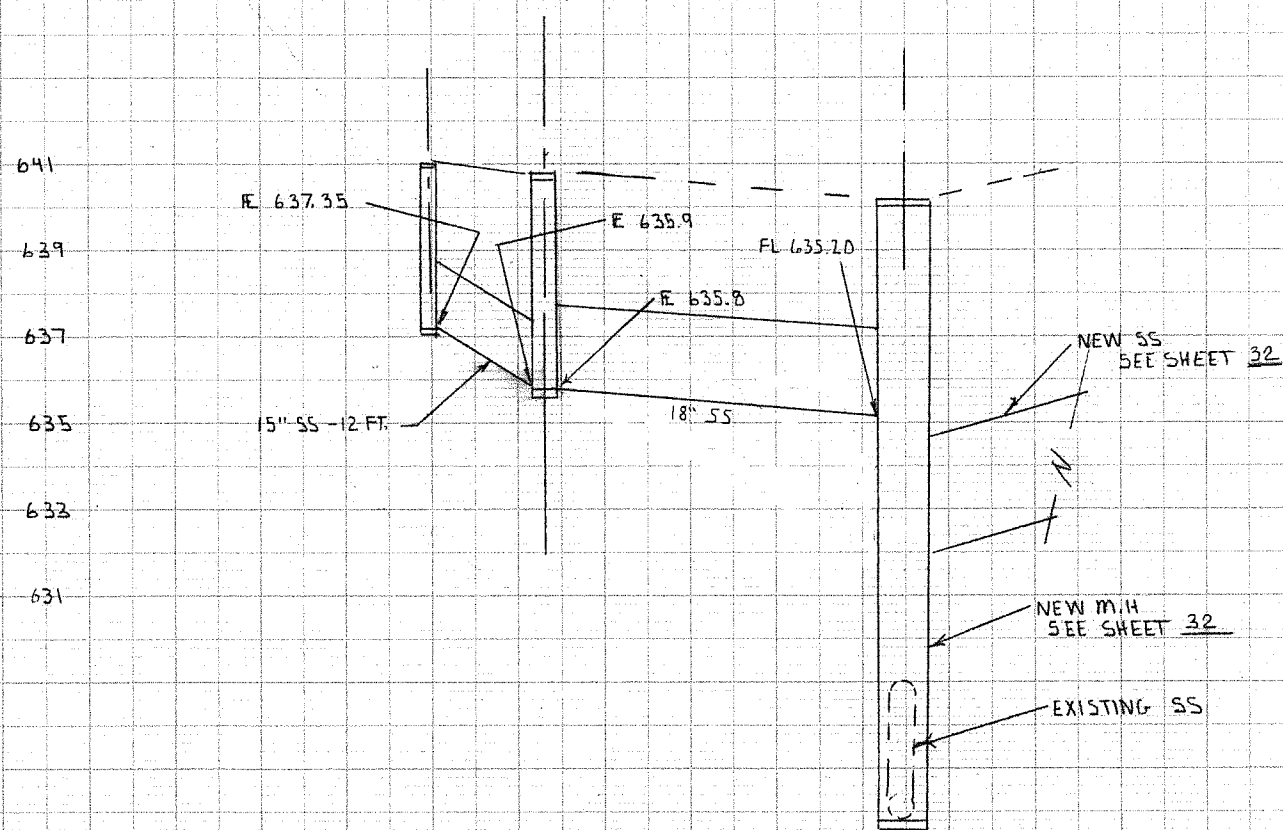




SHELBY COUNTY
CITY OF SHELBYVILLE
SECTION 13-00055-00-SW
CONTRACT # 95867
SHEET 33 OF 44 SHEETS



STORM SEWER ALONG MAIN STREET

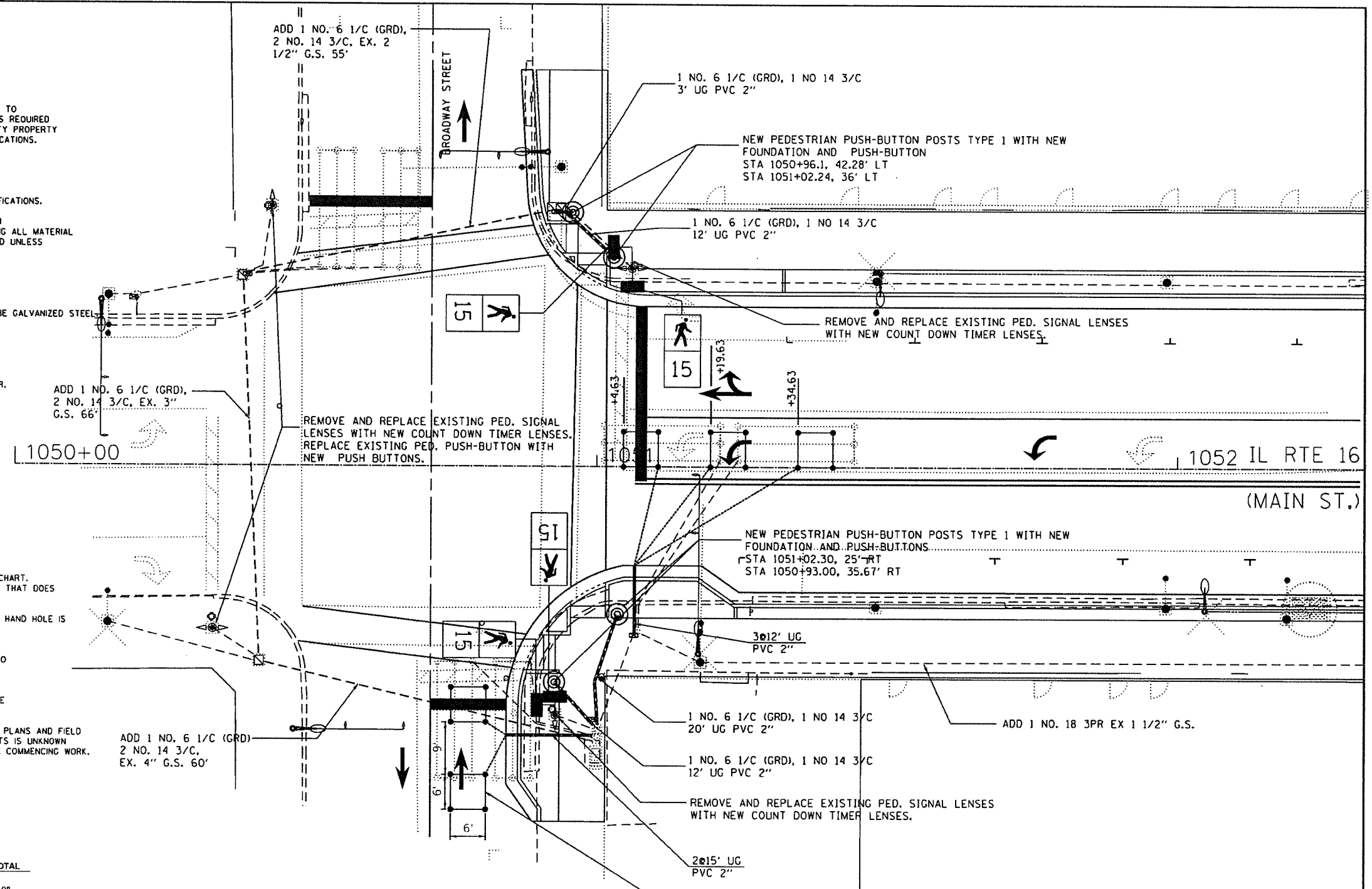


PLAN  
 DATE: 10/1/03  
 DRAWN BY: J. H. HARRIS  
 CHECKED BY: J. H. HARRIS  
 NO. 1

PROFILE  
 DATE: 10/1/03  
 DRAWN BY: J. H. HARRIS  
 CHECKED BY: J. H. HARRIS  
 NO. 1

**GENERAL NOTES FOR TRAFFIC SIGNALS**

1. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. (UJULLE 800-892-0123) A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.
2. ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
3. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
4. THE QUANTITIES PROVIDED IN THE PLANS ARE INTENDED AS A GUIDE FOR THE CONTRACTOR IN DETERMINING THE SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL MATERIAL QUANTITIES AND EVALUATING SITE CONDITIONS. NO CLAIMS FOR EXTRA WORK WILL BE AWARDED UNLESS ORDERED IN WRITING BY THE ENGINEER.
5. A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF THE CONDUIT PAY ITEMS.
6. BORED UNDERGROUND CONDUIT SHALL BE P.V.C.. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
7. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
8. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
9. ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
10. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HAND HOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
11. ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
12. DETECTOR LOOPS IN THE SAME LANE SHALL BE WOUND CLOCKWISE AND COUNTERCLOCKWISE IN ALTERNATING ORDER. LOOPS IN ADJACENT LANES SHALL BE WOUND ALL THE SAME.
13. ALL EXISTING DETECTOR LOOP AMPLIFIERS ARE SHELF MOUNTED AND FURNISHED WITH PLASTIC TAGS LABELED WITH RESPECTIVE PHASES AND DIRECTION AS LISTED IN THE DETECTOR LOOP CHART. A MINIMUM TAG SIZE OF 3/8" X 3/4" IS REQUIRED. TAGS SHALL BE MADE OF MATERIAL THAT DOES NOT ALLOW WRITING TO FADE OVER TIME.
14. THE LENGTH OF DETECTOR LOOP CABLE FROM THE EDGE OF CURB TO THE JUNCTION BOX OR HAND HOLE IS INCLUDED IN THE DETECTOR LOOP PAY ITEM.
15. ALL GROUNDING MATERIALS FOR THE TRAFFIC SIGNAL CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 AND 873 OF THE STANDARD SPECIFICATIONS.
16. TRAFFIC SIGNAL INTERSECTION SIGNS FOR PEDESTRIAN PUSH BUTTONS SHALL BE MUTCD R10-3E
17. EXISTING CONDUIT LOCATION AND ROUTING SHOWN ON THE PLANS WAS DETERMINED FROM OLD PLANS AND FIELD OBSERVATIONS. THE ACTUAL LOCATION, ROUTING, SIZE AND CONDITION OF THE EXISTING CONDUITS IS UNKNOWN. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATION, ROUTING, SIZE AND CONDITION BEFORE COMMENCING WORK.

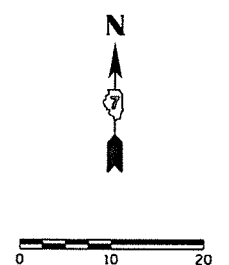


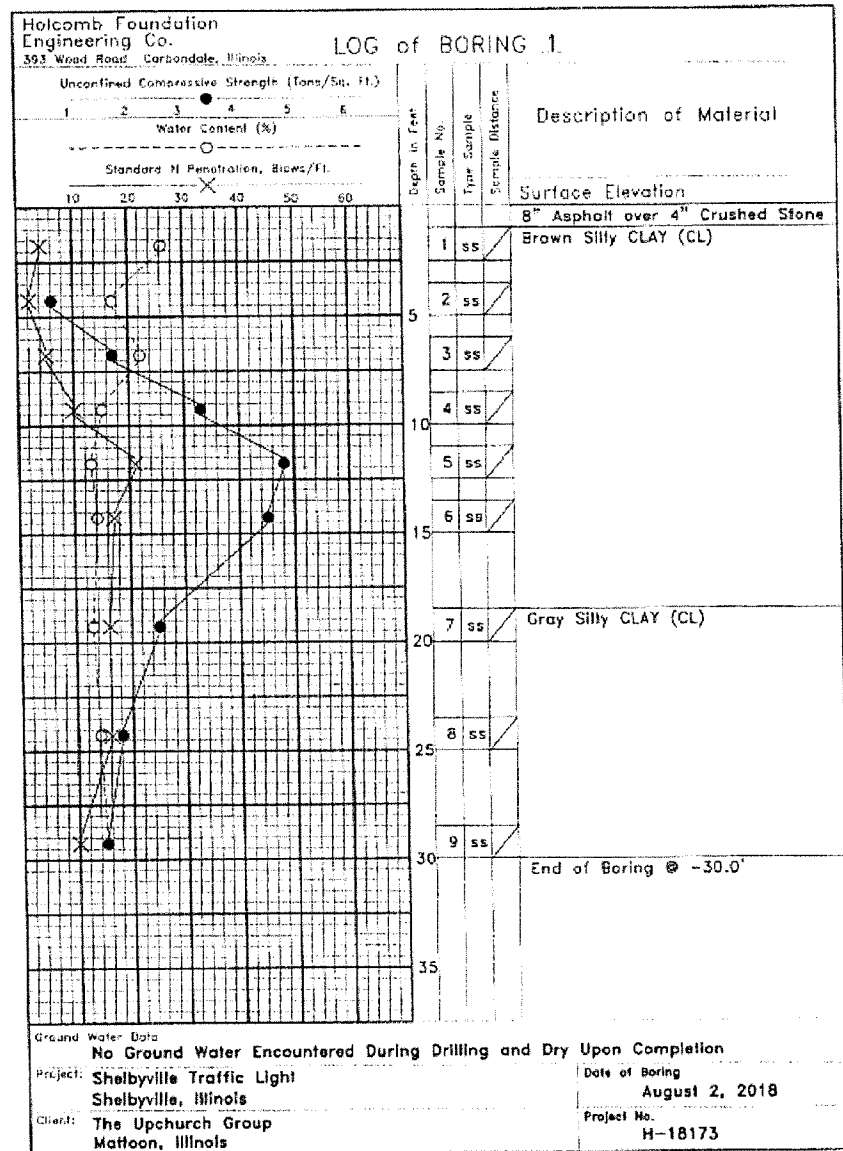
**BILL OF MATERIALS**

Main Street and Broadway Street

ITEM	UNIT	TOTAL
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	98
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	226
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDED CONDUCTOR, NO. 6 1C	FOOT	311
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	514
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
DRILL EXISTING HANDHOLE	EACH	6
DETECTOR LOOP, TYPE 1	FOOT	328
PEDESTRIAN PUSH-BUTTON	EACH	8
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	265
LED SIGNAL FACE RETROFIT, 12" COUNTDOWN TIMER	EACH	8

CONTRACT # 95864





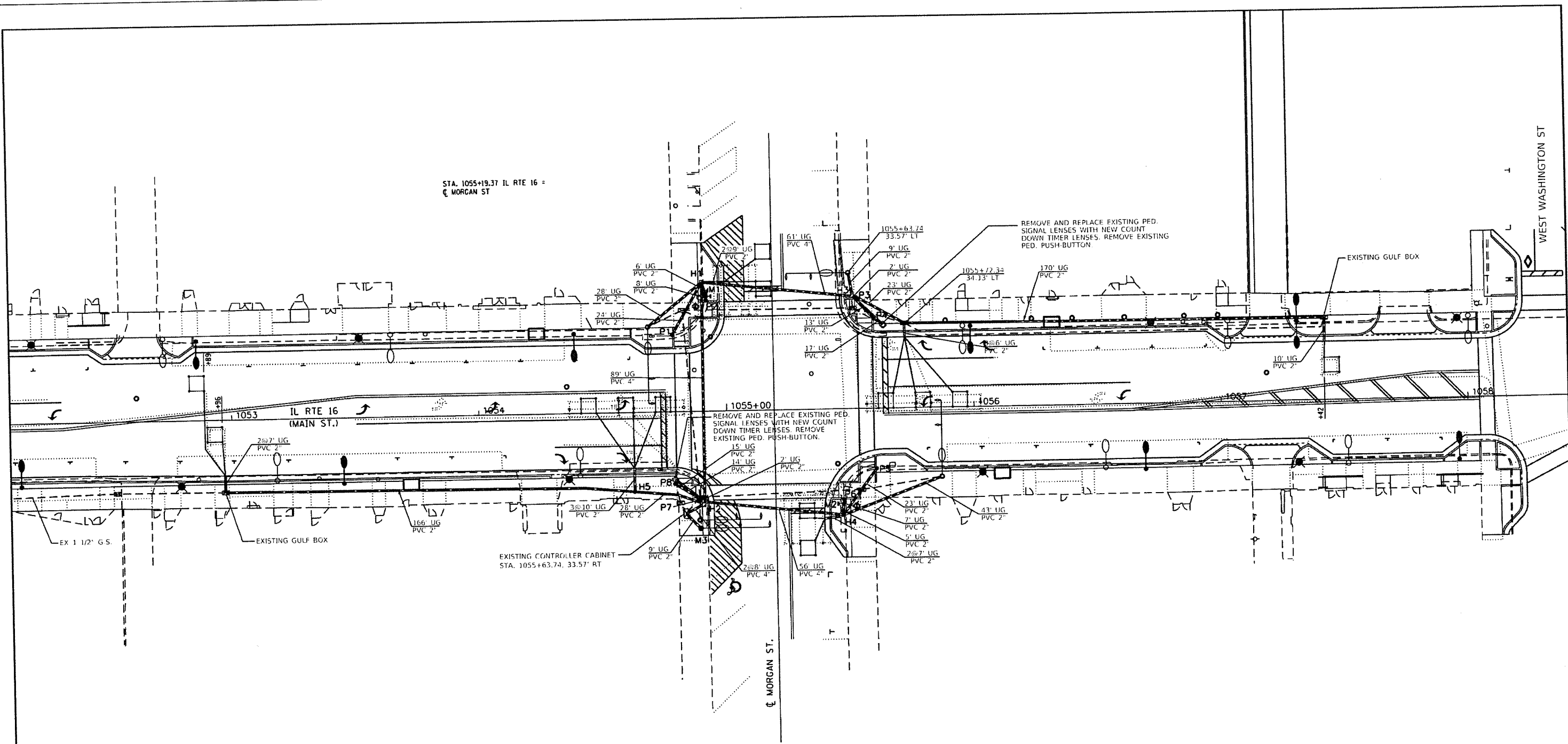
**BILL OF MATERIALS**  
Main Street and Morgan Street

ITEM	UNIT	TOTAL QUANTITY
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	716
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	222
HANDHOLE, COMPOSITE CONCRETE	EACH	3
DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
GULFBOX, COMPOSITE CONCRETE	EACH	1
GULFBOX JUNCTION REMOVAL	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE) 3-1/C NO. 8	FOOT	2019
RELOCATE EXISTING LIGHTING UNIT	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	1075
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	781
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	978
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	524
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1472
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	8
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 28 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	6
CONCRETE FOUNDATION, TYPE E, 30"	FOOT	13
DRILL EXISTING FOUNDATION	EACH	3
DRILL EXISTING HANDHOLE	EACH	7
DETECTOR LOOP, TYPE 1	FOOT	662
PEDESTRIAN PUSH-BUTTON	EACH	8
RELOCATE EXISTING SIGNAL HEAD	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	4
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	450
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
LED SIGNAL FACE RETROFIT, 12" COUNTDOWN TIMER	EACH	8

**GENERAL NOTES FOR TRAFFIC SIGNALS**

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- ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
- THE QUANTITIES PROVIDED IN THE PLANS ARE INTENDED AS A GUIDE FOR THE CONTRACTOR IN DETERMINING THE SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL MATERIAL QUANTITIES AND EVALUATING SITE CONDITIONS. NO CLAIMS FOR EXTRA WORK WILL BE AWARDED UNLESS ORDERED IN WRITING BY THE ENGINEER.
- TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PER ARTICLE 880.03 OF THE STANDARD SPECIFICATIONS PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
- A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED IN THE COST OF THE CONDUIT PAY ITEMS.
- BORED UNDERGROUND CONDUIT SHALL BE P.V.C.. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.
- ALL THREADS OF BOLTS USED IN THE ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.
- ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
- ALL RELOCATED POST SHALL BE A MINIMUM OF 5 FT. FROM THE CENTER OF THE POLE TO THE FACE OF CURB. POST MOUNTED SIGNALS SHALL BE INSTALLED SO THAT NO PART OF THE SIGNAL HEAD IS WITHIN 2 FT. OF THE FACE OF CURB
- ALL TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN JUNCTION BOXES WILL NOT BE ALLOWED.
- DETECTOR LOOPS IN THE SAME LANE SHALL BE WOUND CLOCKWISE AND COUNTERCLOCKWISE IN ALTERNATING ORDER. LOOPS IN ADJACENT LANES SHALL BE WOUND ALL THE SAME.
- ALL EXISTING DETECTOR LOOP AMPLIFIERS ARE SHELF MOUNTED AND FURNISHED WITH PLASTIC TAGS LABELED WITH RESPECTIVE PHASES AND DIRECTION AS LISTED IN THE DETECTOR LOOP CHART. A MINIMUM TAG SIZE OF 3/8" X 3/4" IS REQUIRED. TAGS SHALL BE MADE OF MATERIAL THAT DOES NOT ALLOW WRITING TO FADE OVER TIME.
- THE LENGTH OF DETECTOR LOOP CABLE FROM THE EDGE OF CURB TO THE JUNCTION BOX OR HANDHOLE IS INCLUDED IN THE DETECTOR LOOP PAY ITEM.
- ALL GROUNDING MATERIALS FOR THE TRAFFIC SIGNAL CONCRETE FOUNDATIONS SHALL REFER TO SECTION 806 AND 873 OF THE STANDARD SPECIFICATIONS.
- TRAFFIC SIGNAL INTERSECTION SIGNS FOR PEDESTRIAN PUSH BUTTONS SHALL BE MUTCD R10-3E.
- EXISTING CONDUIT LOCATION AND ROUTING SHOWN ON THE PLANS WAS DETERMINED FROM OLD PLANS AND FIELD OBSERVATIONS. THE ACTUAL LOCATION ROUTING SIZE AND CONDITION OF THE EXISTING CONDUITS IS UNKNOWN. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATION, ROUTING, SIZE AND CONDITION BEFORE COMMENCING WORK.
- THE PROPOSED MAST ARM POST SHALL MATCH THE HEIGHT OF THE EXISTING POST AT THE INTERSECTION.

CONTRACT # 95864



**HANDHOLE DATA**

NUMBER	LOCATION	DESCRIPTION
H1	1054+90.91 52.00' LT	STANDARD HANDHOLE
H2	1054+90.16 37.17' RT	STANDARD DOUBLE HANDHOLE
H3	1055+51.55 45.22' LT	STANDARD HANDHOLE
H4	1055+46.00 43.18' RT	STANDARD HANDHOLE
H5	1054+62.25 32.29' RT	STANDARD GULFBGX

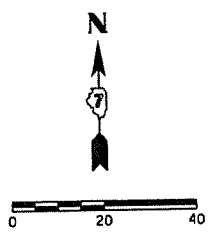
**POST AND MAST ARM DATA**

NUMBER	LOCATION	DESCRIPTION
M1	1054+92.43 45.50' LT	RELOCATE TRAFFIC SIGNAL POST, ALUMINUM 14 FT.
M2	1055+46.37 37.50' RT	RELOCATE TRAFFIC SIGNAL POST, ALUMINUM 14 FT.
M3	1054+88.63 47.27' RT	NEW STEEL COMBINATION MAST ARM ASSEMBLY, AND POLE 20'

**PEDESTRIAN PUSH BUTTON**

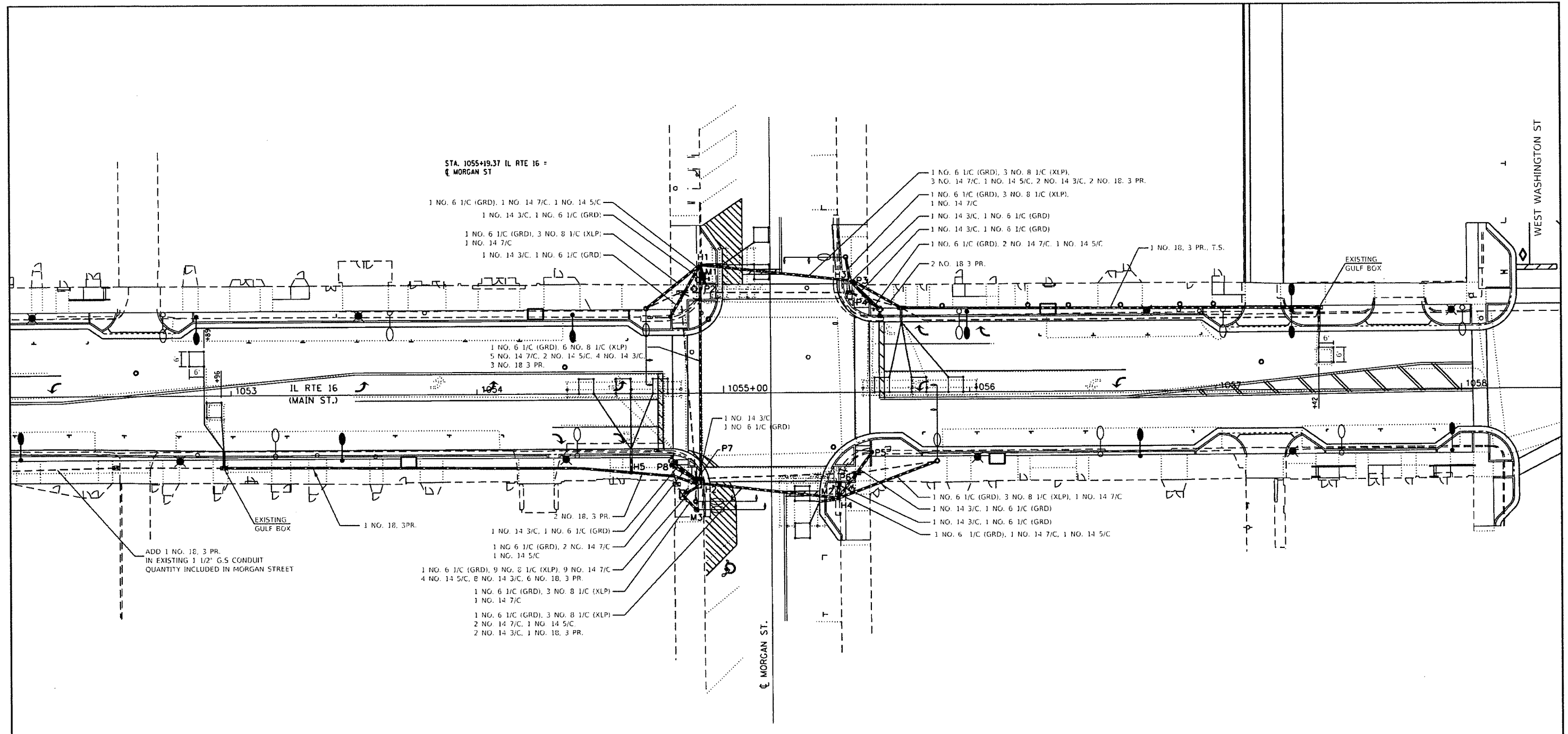
NUMBER	LOCATION	DESCRIPTION
P1	1054+78.54 31.00' LT	STANDARD PEDESTRIAN PUSH BUTTON
P2	1054+92.37 44.83' LT	STANDARD PEDESTRIAN PUSH BUTTON
P3	1055+53.13 44.83' LT	STANDARD PEDESTRIAN PUSH BUTTON
P4	1055+60.20 36.11' LT	STANDARD PEDESTRIAN PUSH BUTTON
P5	1055+60.20 24.29' RT	STANDARD PEDESTRIAN PUSH BUTTON
P6	1055+46.85 36.83' RT	STANDARD PEDESTRIAN PUSH BUTTON
P7	1054+88.28 35.82' RT	STANDARD PEDESTRIAN PUSH BUTTON
P8	1054+78.54 29.17' RT	STANDARD PEDESTRIAN PUSH BUTTON

SEE SHEET FOR INTERSECTION DETAILS

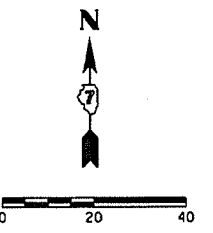


CONTRACT # 95864

FILE NAME : P:\Civil\Shelbyville Streetscape\Phase II	USER NAME : Sta37	DESIGNED -	REVISED -	The Upchurch Group 123 North 15th Street Mattoon, Illinois 61938 Professional Design Firm Corporation License No. 184-097501	MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS	TRAFFIC SIGNAL MODIFICATION SIGNAL LAYOUT MAIN ST & MORGAN	TOTAL SHEETS 44	SHEET NO. 36
	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -					
	PLOT DATE = 9/5/2019	DATE - SEPT. 6, 2019	REVISED -					

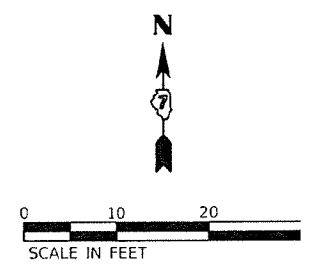
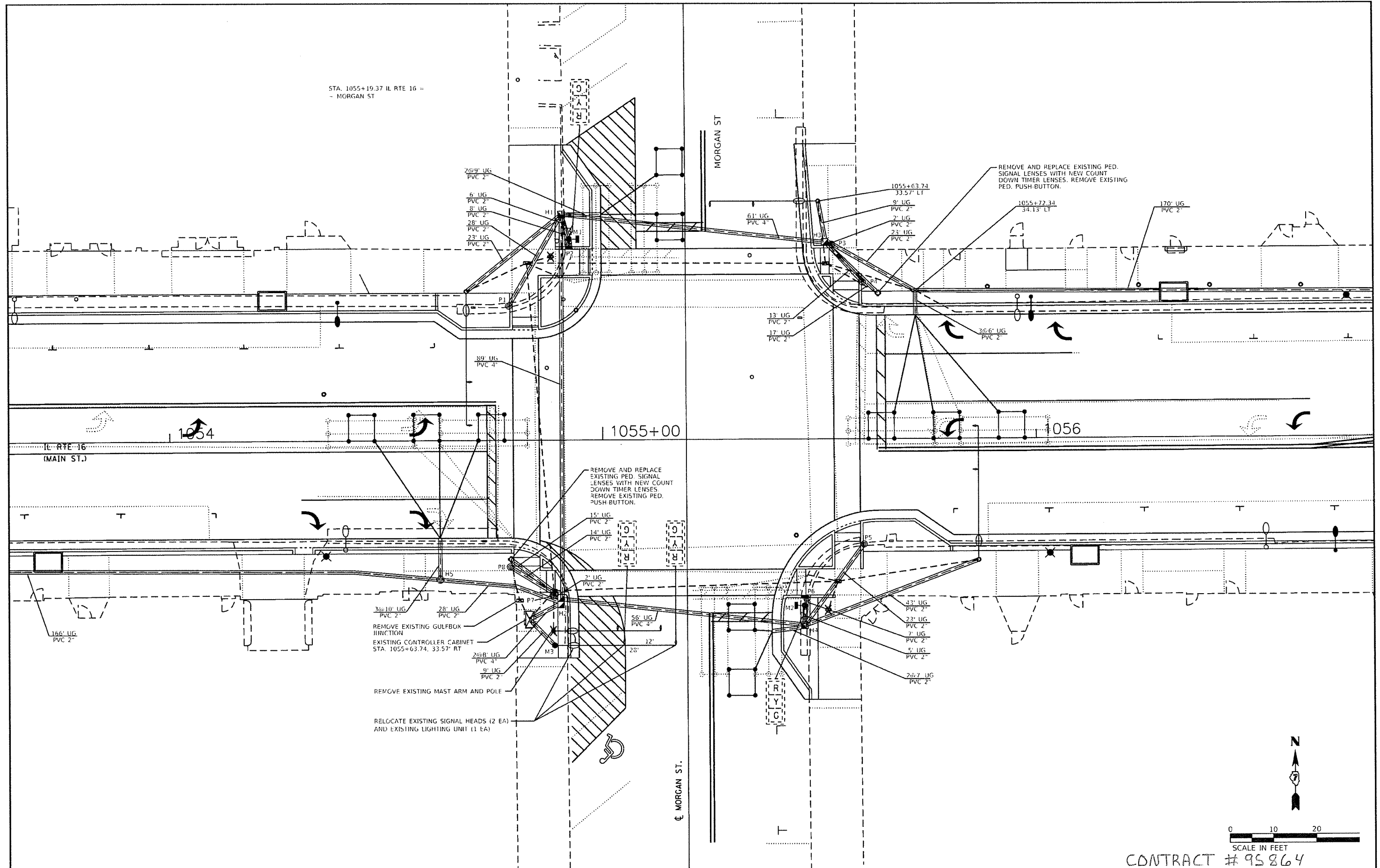


SEE SHEET FOR INTERSECTION DETAILS



CONTRACT # 95864

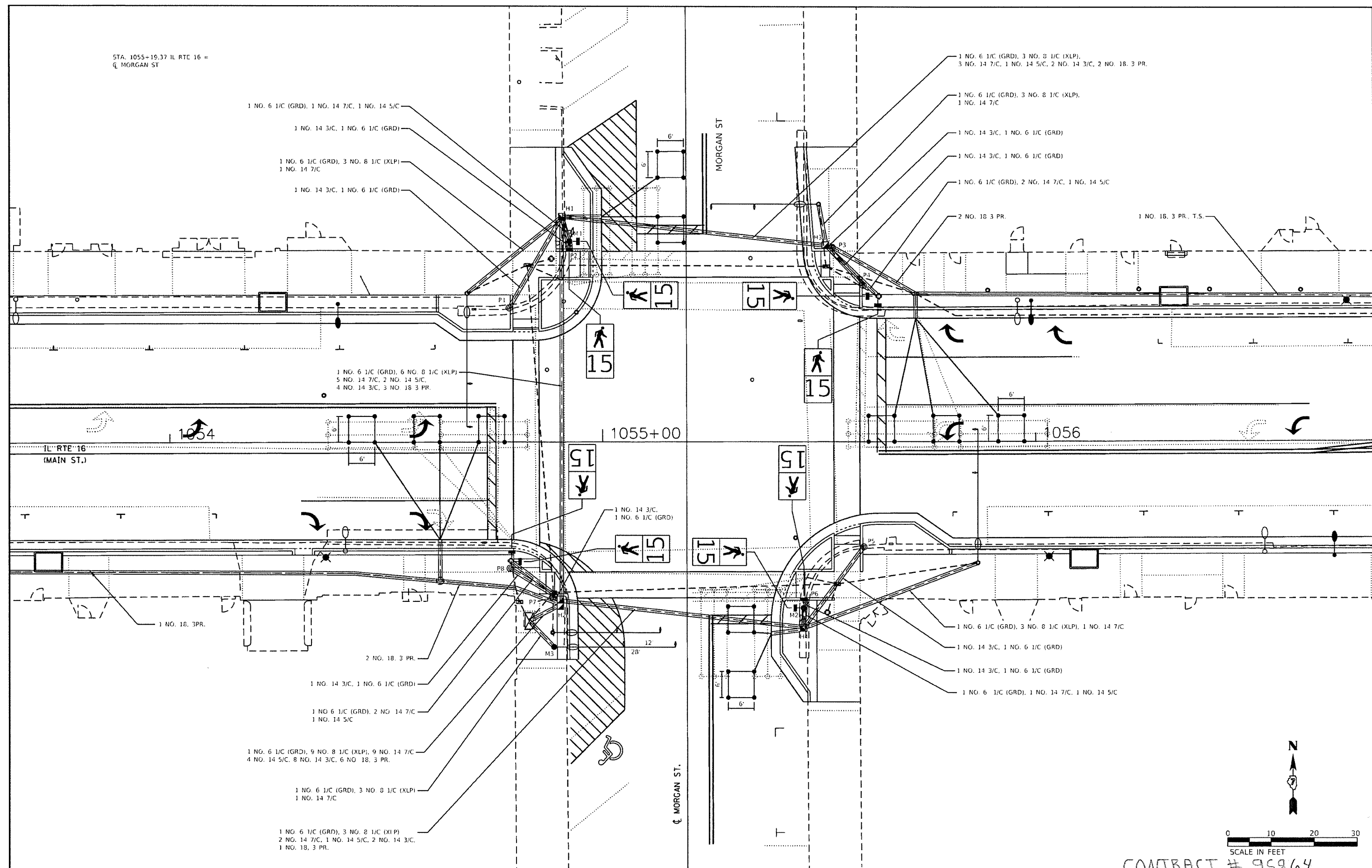
FILE NAME : P:\Civil\Shelbyville Streetscape\Phase II	USER NAME = Sta37	DESIGNED - BRAUN	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-01301</small>	<b>MAIN STREET (IL RT 16) STREETSCAPE IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b>	<b>TRAFFIC SIGNAL MODIFICATIONS</b> <b>CABLE LAYOUT</b> <b>MAIN ST &amp; MORGAN</b>	TOTAL SHEETS 44	SHEET NO. 37
	Tr Sig and Lighting\Cable Layout Plan Morgan	ALB - TW	REVISED -					
	PLOT SCALE = 48,0000' / in.	CHECKED -	REVISED -					
	PLOT DATE = 9/5/2019	DATE - SEPT. 6, 2019	REVISED -					



CONTRACT # 95864

FILE NAME : PACivil\Shelbyville Streetscape\Phase II USER NAME : 51037 DESIGNED - CHECKED - DATE - SEPT. 6, 2019	Tr Sig and Lighting\Signal Layout Morgan St. DRAWN - ALB - TW REVISIONS - REVISIONS - REVISIONS - REVISIONS -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 114-007401</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b>		<b>TRAFFIC SIGNAL MODIFICATION</b> <b>SIGNAL LAYOUT DETAIL</b> <b>MAIN ST &amp; MORGAN</b>	TOTAL SHEETS 44 SHEET NO. 38	
	PLOT SCALE : 20.0000 ' / in. PLOT DATE : 9/5/2019		DATE - SEPT. 6, 2019	SCALE: 20.0000 ' / in. SECTION: 13-00055-00-SW PROJECT: 3113056-01			
	STA. 1055+19.37 IL RTE 16 - MORGAN ST		STA. 1055+63.74 33.57' LT				
	STA. 1055+72.34 34.13' LT		STA. 1054				

STA. 1055+19.37 IL RTE 16 =  
 CL MORGAN ST



FILE NAME = P:\Civil\Shelbyville Streetscape\Phase II	USER NAME = Sww37	DESIGNED - BROWN, logm ALB - TW	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-013-01</small>	<b>MAIN STREET (IL RT 16) STREETSCAPE IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b> SCALE: 20,0000' / in. SECTION: 13-00055-00-SW PROJECT: 3113056-01	<b>TRAFFIC SIGNAL MODIFICATION</b> <b>CABLE LAYOUT DETAIL</b> <b>MAIN ST &amp; MORGAN</b>	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 28,0000' / in.	CHECKED -	REVISED -				44	39
	PLOT DATE = 9/5/2019	DATE = SEPT. 6, 2019	REVISED -					

CONTRACT # 95864

# LEGEND

- DEMO STREET LIGHT
- O/E — OVERHEAD ELECTRIC

# GENERAL NOTES

- 1) ALL WORK SHALL CONFORM TO NEC 2014.
- 2) BORE ALL CONDUIT UNDER EXISTING STREETS AND SIDEWALKS TO REMAIN, WHERE POSSIBLE TRENCHING IS ACCEPTABLE, WHERE PAVEMENT IS BEING REMOVED MAINTAIN A MINIMUM OF 24" OF COVER.
- 3) THE EXISTING LIGHTS SHALL REMAIN IN PLACE AND POWERED UNTIL THE NEW LIGHTS ARE INSTALLED AND OPERATING.
- 4) THE ELECTRICAL SUB-CONTRACTORS SHALL COORDINATE WITH AMEREN IN REGARDS TO REMOVAL OF EXISTING STREET LIGHTS AND POWER TO THE EXISTING LIGHTS.

# DEMOLITION NOTES

- 1) LIGHT FIXTURE, POLE, AND HIRING TO BE REMOVED BY AMEREN. FIXTURE BASE TO BE REMOVED BY CONTRACTOR.
- 2) REMOVE EXISTING POWER PANEL, TIME CLOCK AND RECEPTACLE FROM POLE, SALVAGE TIME CLOCK FOR REINSTALLATION. RELOCATE EXISTING CIRCUITS INTO NEW PANEL, SEE SHEET E2.
- 3) REMOVE EXISTING OVERHEAD POWER FEED TO EXISTING PANEL ON SOUTH SIDE OF MAIN STREET AFTER THE NEW PANEL IS OPERATIONAL, SEE SHEET E2.
- 4) EXISTING LIGHT POLE TO REMAIN UNTIL NEXT PHASE OF CONSTRUCTION.

# REMOVAL OF POLE FOUNDATION SCHEDULE

STATION	OFFSET
1051+46	33.4' LT
1052+05	24.5' RT
1052+72	33.1' LT
1053+18	24.8' RT
1053+45	33.2' LT
1054+40	25.0' RT
1055+96	32.6' LT
1056+53	25.6' RT
1057+03	32.6' LT
1057+51	25.8' RT
1058+00	32.7' LT

# LIGHTING CONSTRUCTION SCHEDULE:

## GENERAL:

1. ONE DIRECTION OF TRAVEL SHALL REMAIN IN USE FOR THE DURATION OF THE PROJECT. WORK SHALL PROCEED SUCH THAT ONLY ONE BLOCK AT A TIME OF PARKING LANES WILL BE BLOCKED.
2. THE ELECTRICAL SUB-CONTRACTOR SHALL COORDINATE REMOVAL OF THE EXISTING LIGHT POLES AND POWER AND PROVIDING NEW POWER WITH AMEREN ILLINOIS (CONTACT: CLINT FREDERICK PH: 217-562-1444).

## STAGE 1:

1. PROVIDE NEW LIGHT CONTROLLER PEDESTAL WITH POWER FROM EXISTING POWER POLE.
2. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE NORTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN. THE LIGHTS ON THE NORTH SIDE OF MAIN STREET FROM MORGAN AND WASHINGTON SHALL REMAIN FUNCTIONAL DURING STAGE 1.
3. PROVIDE THE NEW LIGHT POLES ON THE NORTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN. THE NEW LIGHTS SHALL BE FUNCTIONAL BEFORE WORK COMMENCES ON STAGE 2.

## STAGE 2:

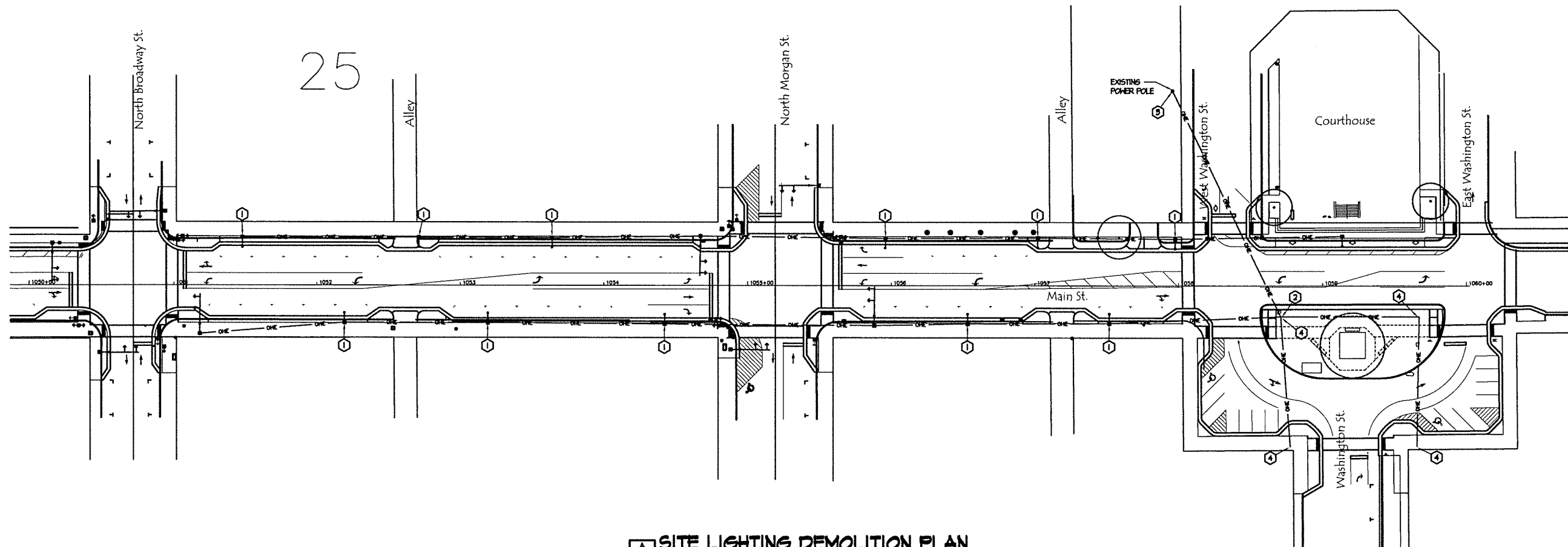
1. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE NORTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON.
2. PROVIDE THE NEW LIGHT POLES ON THE NORTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON. THE NEW LIGHTS SHALL BE FUNCTIONAL BEFORE WORK COMMENCES ON STAGE 3.

## STAGE 3:

1. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE SOUTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN.
2. PROVIDE THE NEW LIGHT POLES ON THE SOUTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN. THE NEW LIGHTS SHALL BE FUNCTIONAL BEFORE WORK COMMENCES ON STAGE 4.

## STAGE 4:

1. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE SOUTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON.
2. PROVIDE THE NEW LIGHT POLES ON THE SOUTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON.



**A SITE LIGHTING DEMOLITION PLAN**  
**B SCALE: 1" = 40'**

CONTRACT # 95864

SHEET E1

FILE NAME =	USER NAME = \$USER\$	DESIGNED SSG	REVISED --	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-007401</small>	<b>MAIN STREET (IL RT 16) STREETSCAPE IMPROVEMENTS</b> DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS	<b>STREET LIGHTING</b> DEMOLITION PLAN	TOTAL SHEETS	SHEET NO.
\$FILE\$	PLOT SCALE = \$SCALE\$	DRAWN TRG	REVISED --				44	40
	PLOT DATE = \$DATE\$	CHECKED MED	REVISED --					
	DATE SEPT. 6, 2019	REVISOR	REVISED --					
				SCALE: 1" = 40'	SECTION:	PROJECT: 3113056		



# LEGEND

- DEMO STREET LIGHT
- STREET LIGHT (SL#) WITH NUMBER INDICATED
- PEDESTRIAN LIGHT (PL#) WITH NUMBER INDICATED
- UNDERGROUND ELECTRIC IN CONDUIT
- OVERHEAD ELECTRIC
- METER POINT (MP)
- LIGHTING CONTROLLER (LC)

# GENERAL NOTES

- 1) ALL WORK SHALL CONFORM TO NEC 2014.
- 2) BORE ALL CONDUIT UNDER EXISTING STREETS AND SIDEWALKS TO REMAIN WHERE POSSIBLE. TRENCHING IS ACCEPTABLE, WHERE PAVEMENT IS BEING REMOVED MAINTAIN A MINIMUM OF 24" OF COVER.
- 3) THE EXISTING LIGHTS SHALL REMAIN IN PLACE AND POWERED UNTIL THE NEW LIGHTS ARE INSTALLED AND OPERATING.
- 4) THE ELECTRICAL SUB-CONTRACTORS SHALL COORDINATE WITH AMEREN IN REGARDS TO REMOVAL OF EXISTING STREET LIGHTS AND POWER TO THE EXISTING LIGHTS.

# SCHEDULE OF LIGHTING FACILITIES

POINT	STATION	LT OR RT	DISTANCE FEET	DESCRIPTION
SL1	1051+54	LT	32	TYPE 4B STREET LIGHT POLE
SL2	1052+05	RT	25.5	TYPE 4B STREET LIGHT POLE
SL3	1052+06	LT	32	TYPE 4B STREET LIGHT POLE
SL4	1053+45	RT	26.5	TYPE 4B STREET LIGHT POLE
SL5	1054+34	LT	32	TYPE 4B STREET LIGHT POLE
SL6	1055+41	LT	32.5	TYPE 4B STREET LIGHT POLE
SL7	1056+64	RT	26.5	TYPE 4B STREET LIGHT POLE
SL8	1057+31	LT	32	TYPE 4B STREET LIGHT POLE
SL9	1057+46	RT	25	TYPE 4B STREET LIGHT POLE

ALL LIGHTING STANDARDS WILL REQUIRE LIGHT POLE FOUNDATION, SPECIAL.

# SCHEDULE OF LIGHTING FACILITIES

POINT	STATION	LT OR RT	DISTANCE FEET	DESCRIPTION
PL1	1051+46	RT	25.5	TYPE 4A PEDESTRIAN LIGHT POLE
PL2	1052+20	LT	32	TYPE 4A PEDESTRIAN LIGHT POLE
PL3	1052+11	RT	26.5	TYPE 4A PEDESTRIAN LIGHT POLE
PL4	1053+52	LT	32	TYPE 4A PEDESTRIAN LIGHT POLE
PL5	1054+36	RT	26.5	TYPE 4A PEDESTRIAN LIGHT POLE
PL6	1055+41	RT	26.5	TYPE 4A PEDESTRIAN LIGHT POLE
PL7	1056+72	LT	32.5	TYPE 4A PEDESTRIAN LIGHT POLE
PL8	1057+31	RT	25	TYPE 4A PEDESTRIAN LIGHT POLE
PL9	1057+46	LT	32	TYPE 4A PEDESTRIAN LIGHT POLE

ALL LIGHTING STANDARDS WILL REQUIRE LIGHT POLE FOUNDATION, SPECIAL.

# LIGHTING CONSTRUCTION SCHEDULE:

## GENERAL:

1. ONE DIRECTION OF TRAVEL SHALL REMAIN IN USE FOR THE DURATION OF THE PROJECT. WORK SHALL PROCEED SUCH THAT ONLY ONE BLOCK AT A TIME OF PARKING LANES WILL BE BLOCKED.
2. THE ELECTRICAL SUB-CONTRACTOR SHALL COORDINATE REMOVAL OF THE EXISTING LIGHT POLES AND POWER AND PROVIDING NEW POWER WITH AMEREN ILLINOIS (CONTACT: CLINT FREDERICK PH. 217-562-1444).

## STAGE 1:

1. PROVIDE NEW LIGHT CONTROLLER PEDESTAL WITH POWER FROM EXISTING POWER POLE.
2. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE NORTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN. THE LIGHTS ON THE NORTH SIDE OF MAIN STREET FROM MORGAN AND WASHINGTON SHALL REMAIN FUNCTIONAL DURING STAGE 1.
3. PROVIDE THE NEW LIGHT POLES ON THE NORTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN. THE NEW LIGHTS SHALL BE FUNCTIONAL BEFORE WORK COMMENCES ON STAGE 2.

## STAGE 2:

1. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE NORTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON.
2. PROVIDE THE NEW LIGHT POLES ON THE NORTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON. THE NEW LIGHTS SHALL BE FUNCTIONAL BEFORE WORK COMMENCES ON STAGE 3.

## STAGE 3:

1. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE SOUTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN.
2. PROVIDE THE NEW LIGHT POLES ON THE SOUTH SIDE OF MAIN STREET BETWEEN BROADWAY AND MORGAN. THE NEW LIGHTS SHALL BE FUNCTIONAL BEFORE WORK COMMENCES ON STAGE 4.

## STAGE 4:

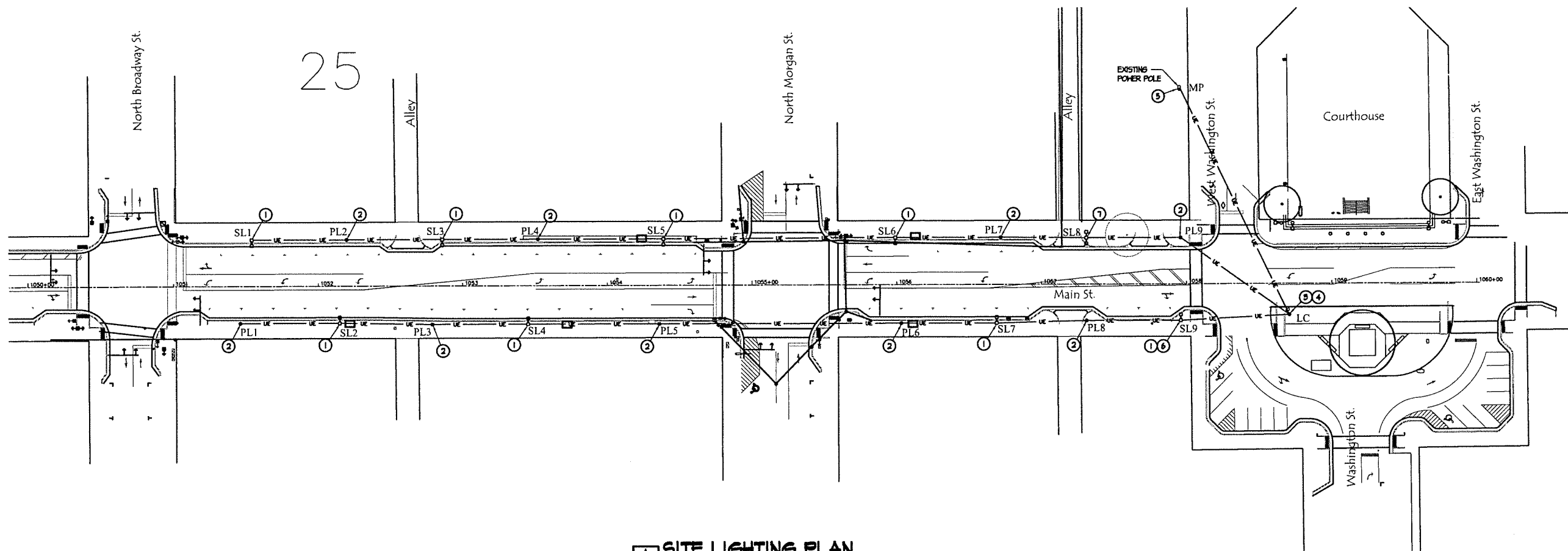
1. REMOVE THE EXISTING LIGHT POLES AND OVERHEAD POWER LINES ON THE SOUTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON.
2. PROVIDE THE NEW LIGHT POLES ON THE SOUTH SIDE OF MAIN STREET BETWEEN MORGAN AND WASHINGTON.

# PLAN NOTES

- 1) PROVIDE NEW LIGHTING STANDARD, TYPE 4B, STREET LIGHT FIXTURE AND BASE, SEE DETAIL 2/E4 AND 4/E4.
- 2) PROVIDE NEW LIGHTING STANDARD, TYPE 4A, PEDESTRIAN LIGHT FIXTURE AND BASE, SEE DETAIL 1/E4 AND 3/E4.
- 3) PROVIDE NEW LIGHT CONTROLLER, SEE DETAILS 2/E5 & 3/E5.
- 4) PROVIDE NEW POWER PANEL, MOUNT TO NEW LIGHT CONTROLLER, SEE DETAIL 1/E5 AND PANEL SCHEDULE ON SHEET E3.
- 5) PROVIDE NEW UNDERGROUND FEED TO NEW PANEL FROM EXISTING METER POINT.
- 6) PROVIDE NEW PHOTOCELL ON STREET LIGHT. CONNECT BACK TO LIGHT CONTROLLER, SEE DETAIL 4/E5.
- 7) PROVIDE NEW STREET LIGHT STANDARD, DOUBLE HEAD, TYPE 4B, SEE DETAIL 3/E4 AND 4/E4.

# LIGHT CONTROLLER SCHEDULE

POINT	STATION	LT OR RT	DESCRIPTION
LC	1058+70	RT	LIGHT CONTROLLER



**A SITE LIGHTING PLAN**  
SCALE: 1" = 40'



CONTRACT # 95864

SHEET E2

FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED SSG	REVISIONS	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 144-001401</small>	<b>MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS</b> <b>DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS</b> SCALE: 1" = 40' SECTION: PROJECT: 3113056	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALE\$	DRAWN TRG	REVISIONS			44	41
	PLOT DATE = \$DATE\$	CHECKED MED	REVISIONS				
		DATE SEPT. 6, 2019	REVISIONS				

**LEGEND**

- SL# STREET LIGHT
- FL# PEDESTRIAN LIGHT
- LC LIGHTING CONTROLLER
- MP METER POINT
- PP POWER PANEL

**WIRING SCHEDULE**

PT TO PT	STATION TO STATION	LOCATION RT	LOCATION LT	DISTANCE	RECEPTACLE	POLE	SLACK	LENGTH RECEPT./LIGHT	CONDUIT 2" DIA. PVC FOOT	CONDUIT 1" DIA. PVC FOOT	(RECEPTACLE) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	(RECEPT. GRD.) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	(LIGHT) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8 FOOT	(POWER) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2 FOOT	(POWER) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6 FOOT	
SL1	FL2	1051+54	1052+20	-	32 / 32	76'	20'	40'	10'	106'/126'	-	76'	212'	106'	126'	-
FL2	SL3	1052+20	1052+66	-	32 / 32	66'	15'	10'	10'	66'/91'	-	66'	132'	66'	91'	-
SL3	FL4	1052+66	1053+52	-	32 / 32	66'	20'	40'	10'	96'/116'	-	66'	142'	96'	116'	-
FL4	SL5	1053+52	1054+34	-	32 / 32	67'	15'	10'	10'	87'/112'	-	67'	114'	87'	112'	-
SL5	SL6	1054+34	1055+49	-	32 / 32.5	160'	20'	40'	10'	140'/210'	-	160'	380'	140'	210'	-
SL6	FL7	1055+49	1056+72	-	32.5 / 32.5	73'	20'	40'	10'	103'/123'	-	73'	206'	103'	123'	-
FL7	SL8	1056+72	1057+31	-	32.5 / 32	59'	15'	10'	10'	59'/84'	-	59'	118'	59'	84'	-
SL8	FL9	1057+31	1057+46	-	32 / 32	65'	20'	40'	10'	95'/115'	-	65'	140'	95'	115'	-
FL9	LC	1057+46	1058+70	21	32	88'	15'	10'	10'	88'/113'	-	88'	116'	88'	113'	-
FL1	SL2	1051+46	1052+5	25.5 / 25.5	-	64'	15'	10'	10'	0/94'	-	64'	0'	0'	94'	-
SL2	FL3	1052+5	1052+71	25.5 / 22	-	64'	20'	40'	10'	94'/114'	-	64'	188'	94'	114'	-
FL3	SL4	1052+71	1053+45	22 / 26.5	-	66'	15'	10'	10'	66'/91'	-	66'	132'	66'	91'	-
SL4	FL5	1053+45	1054+36	26.5 / 26.5	-	91'	20'	40'	10'	121'/141'	-	91'	242'	121'	141'	-
FL5	FL6	1054+36	1055+47	26.5 / 26.5	-	161'	15'	10'	10'	161'/186'	-	161'	322'	161'	186'	-
FL6	SL7	1055+47	1056+69	26.5 / 26.5	-	72'	15'	10'	10'	72'/97'	-	72'	144'	72'	97'	-
SL7	FL8	1056+69	1057+31	26.5 / 25	-	62'	20'	40'	10'	92'/112'	-	62'	184'	92'	112'	-
FL8	SL9	1057+31	1057+46	25 / 25	-	65'	15'	10'	10'	65'/90'	-	65'	130'	65'	90'	-
SL9	LC	1057+46	1058+70	25 / 21	-	74'	20'	40'	10'	104'/124'	-	74'	208'	104'	124'	-
LC	MP	1058+70	1057+46	21	-	112'	10'	10'	10'	0/112'	182'	-	-	-	112'	-
MP	LC	1058+70	1058+70	21/21	-	5'	-	5'	-	-	-	-	-	-	-	40
<b>TOTAL</b>									182'	1464'	3380'	1665'	2134'	112'	40	

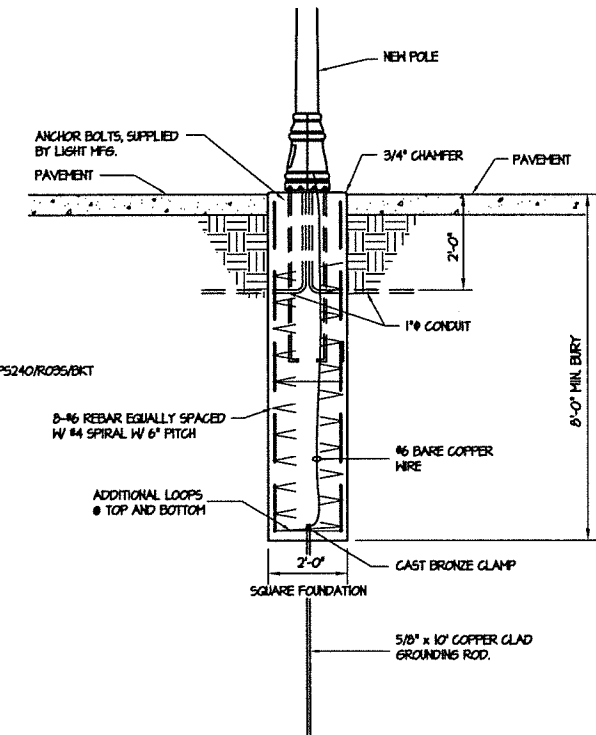
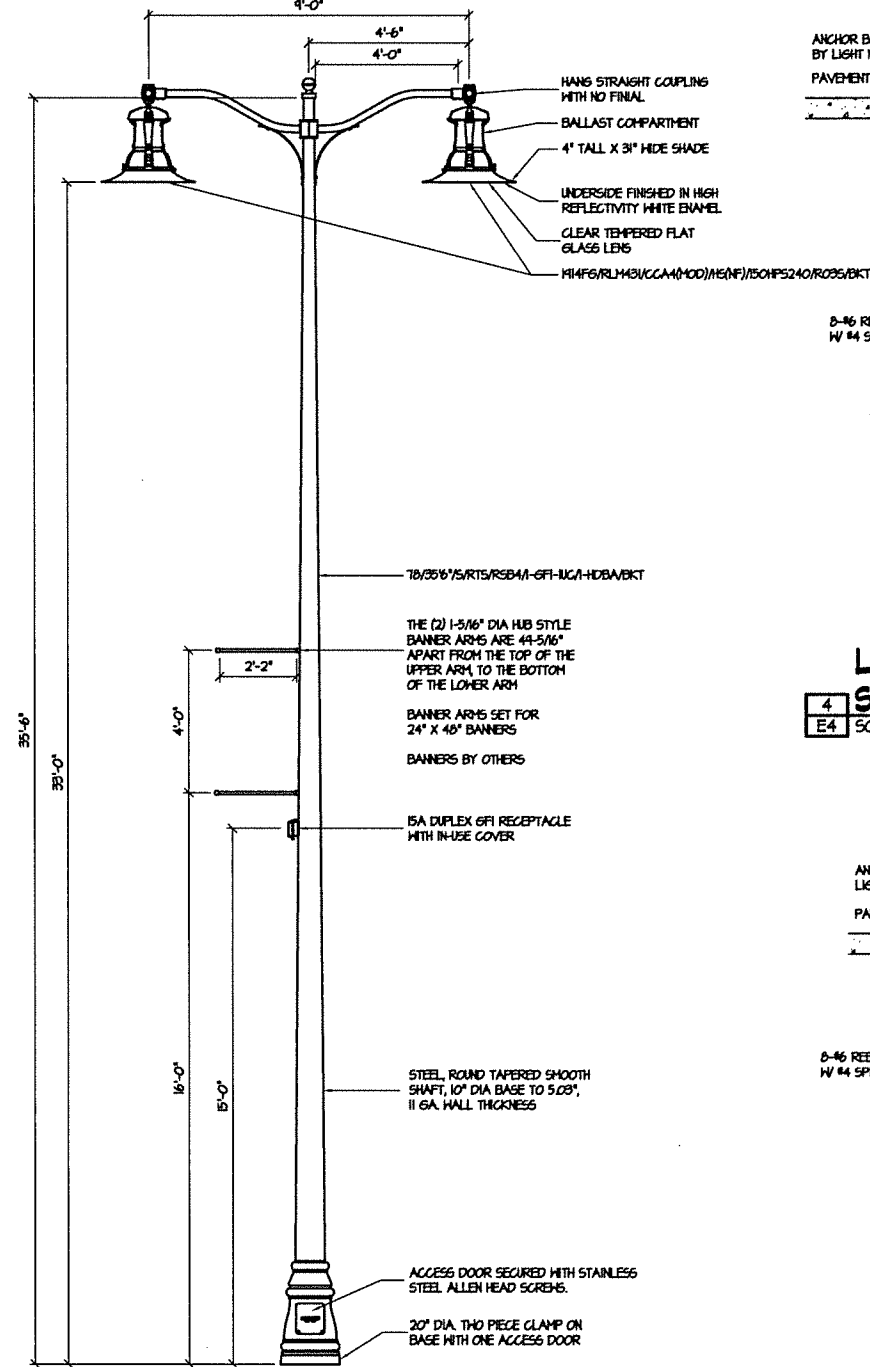
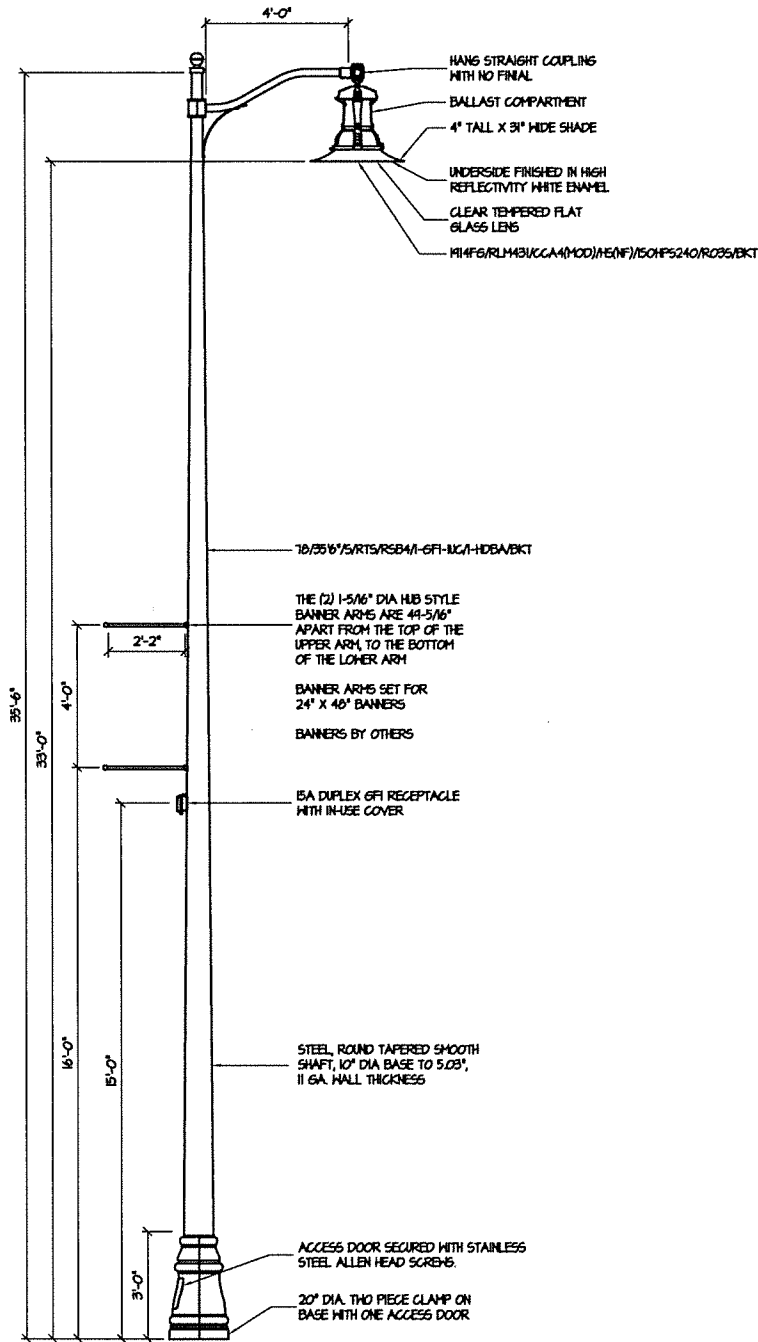
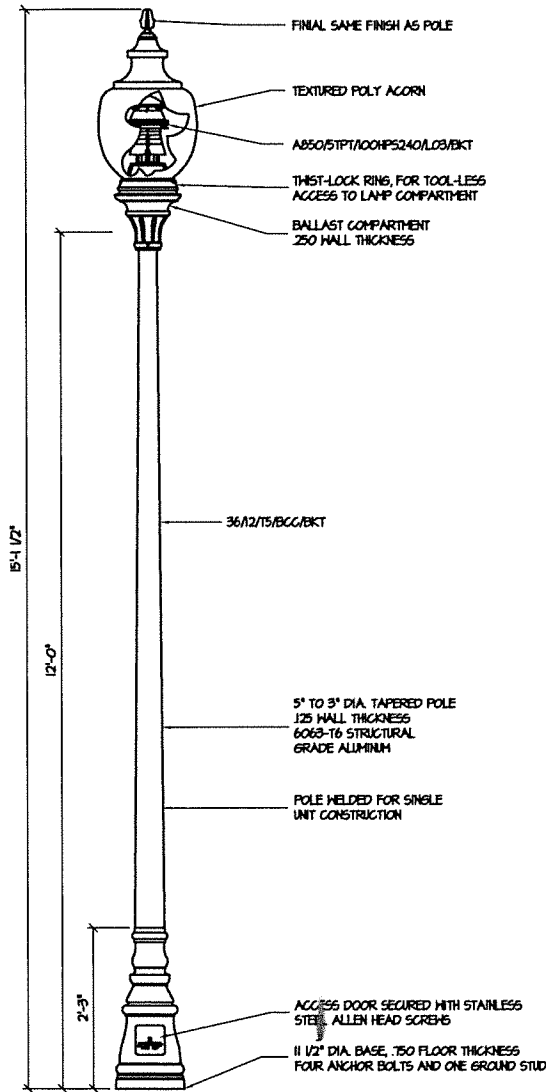
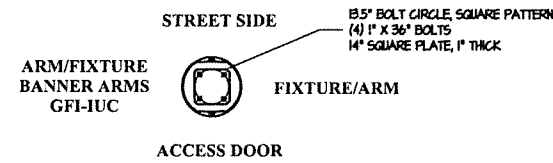
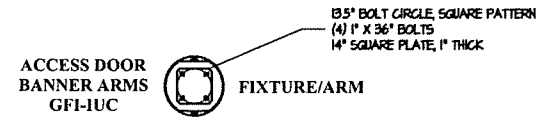
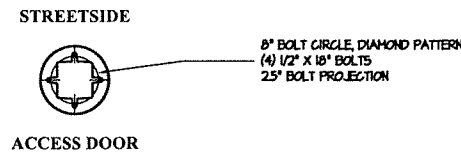
**NEW PANEL 'A' SCHEDULE** MAIN BREAKER: 100 VOLTAGE: 120/240 PHASE: 1 WIRE: 3  
 BUS: 100 AMPERE MOUNTING: SURFACE TYPE: NEMA 3R

DESCRIPTION	LOAD (WATTS)	BREAKER		S.C.	S.C.	BREAKER		S.C.	S.C.	LOAD (WATTS)	DESCRIPTION
		AMP.	F			AMP.	F				
EXISTING - OVERHEAD RECEPT/TIMER	-	60	2	1	1	2	1	20	-	-	EXISTING - TIMER
EXISTING - RECEPTACLES	-	20	1	3	1	4	1	30	-	-	EXISTING -
EXISTING -	-	30	1	7	1	6	1	30	-	-	EXISTING - ETHERNET PLATE
EXISTING -	-	30	1	7	1	8	1	20	-	-	EXISTING - BOX RECEPTS
LIGHTING CONTROLLER CIRCUIT	3,050	60	2	9	1	10	1	20	400	400	RECEPT. - NORTH SIDE STREET LIGHTS
SPARE	-	20	1	13	1	12	1	20	400	400	RECEPT. - SOUTH SIDE STREET LIGHTS
SPARE	-	20	1	13	1	14	1	20	-	-	SPARE
SPARE	-	20	1	13	1	16	1	20	-	-	SPARE
SPARE	-	-	1	17	1	18	1	-	-	-	SPARE
SPARE	-	-	1	19	1	20	1	-	-	-	SPARE

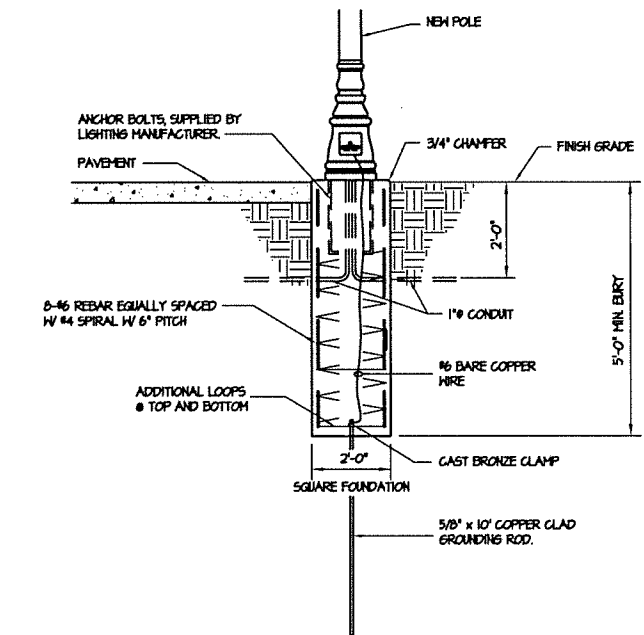
CONTRACT # 95864

SHEET E3

CONCRETE FOUNDATION				
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	DIMENSIONS	DEPTH	ANCHOR ROD LENGTH
12'-20'	8"	24"x24"	5' - 0"	18"
30' - 36'	13.5"	24"x24"	8' - 0"	36"



4 LIGHTING STANDARD, TYPE 4B  
E4 STREET LIGHT POLE FOUNDATION DETAIL  
SCALE: N.T.S.



5 LIGHTING STANDARD, TYPE 4A  
E4 PEDESTRIAN LIGHT POLE FOUNDATION DETAIL  
SCALE: N.T.S.

1 LIGHTING STANDARD, TYPE 4A  
E4 PEDESTRIAN LIGHT DETAIL  
SCALE: 3/4" = 1'-0"

2 LIGHTING STANDARD, TYPE 4B  
E4 STREET LIGHT DETAIL  
SCALE: 3/8" = 1'-0"

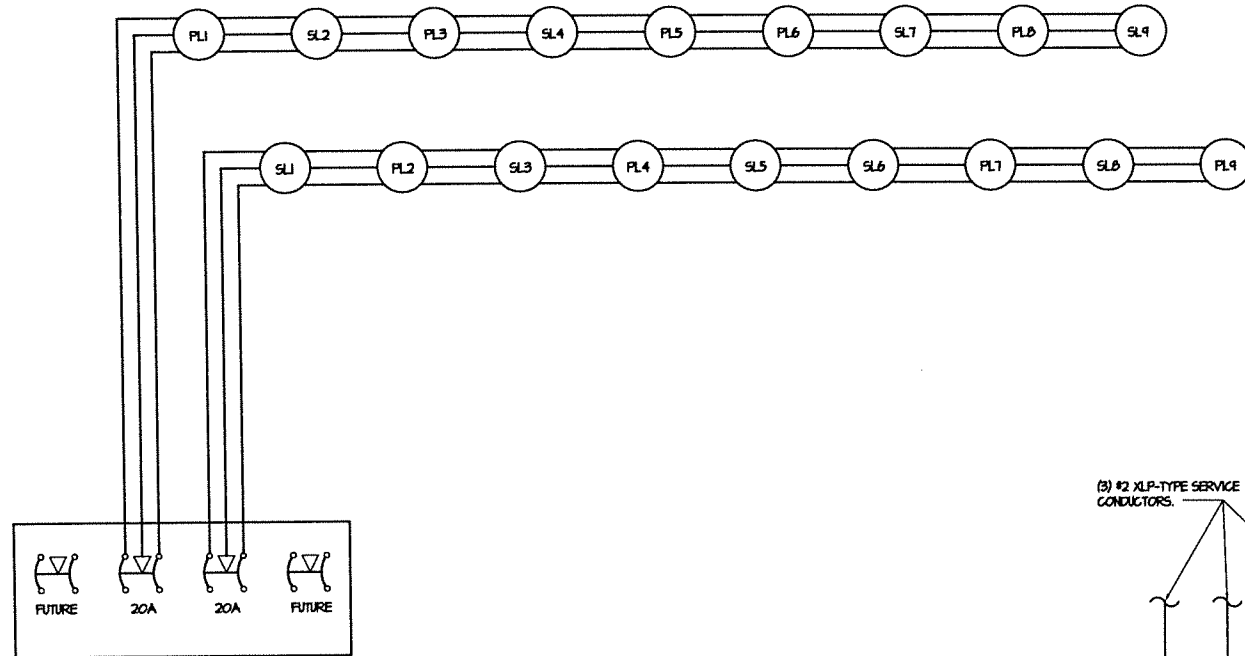
3 LIGHTING STANDARD, TYPE 4B  
E4 STREET LIGHT DETAIL (SLB ONLY)  
SCALE: 3/8" = 1'-0"

CONTRACT # 95864

SHEET E4

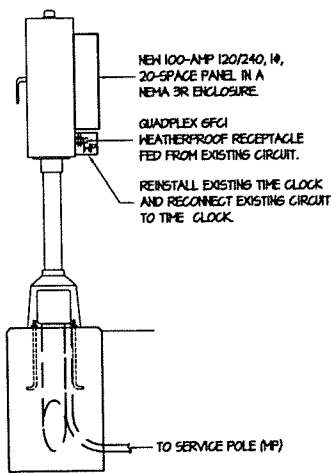
FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED SSG	REVISED -	The Upchurch Group 123 North 15th Street Mattoon, Illinois 61938 Professional Design Firm Corporation License No. 184-003401	MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS	LIGHT POLE AND FOUNDATION SHEET	TOTAL SHEETS	SHEET NO.
		DRAWN TRG	REVISED -				44	43
		CHECKED MED	REVISED -					
		DATE SEPT. 6, 2019	REVISED -					
				SCALE: VARIES	SECTION:	PROJECT: 3113056		

- LEGEND**
- ⊙ PROPOSED LIGHT ASSEMBLY
  - ⌋ CIRCUIT BREAKER
  - 20 CIRCUIT AMPERAGE

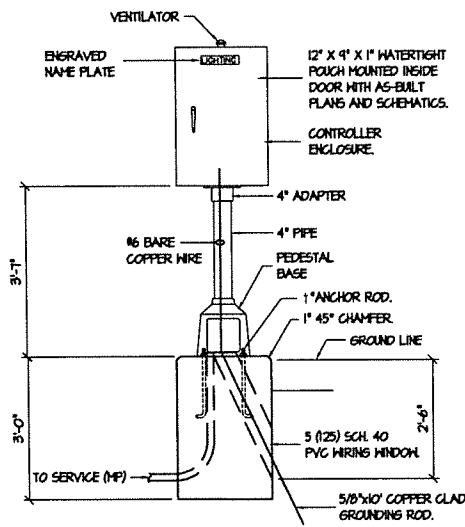


PROPOSED  
LIGHTING CONTROLLER W/PHOTO CELL

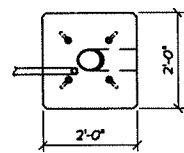
**5 WIRING DIAGRAM**  
SCALE: N.T.S.



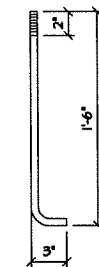
**1 POWER/PANEL CONTROLLER DETAIL**  
SCALE: 1/2" = 1'-0"



**LIGHTING CONTROLLER**



**FOUNDATION (PLAN)**

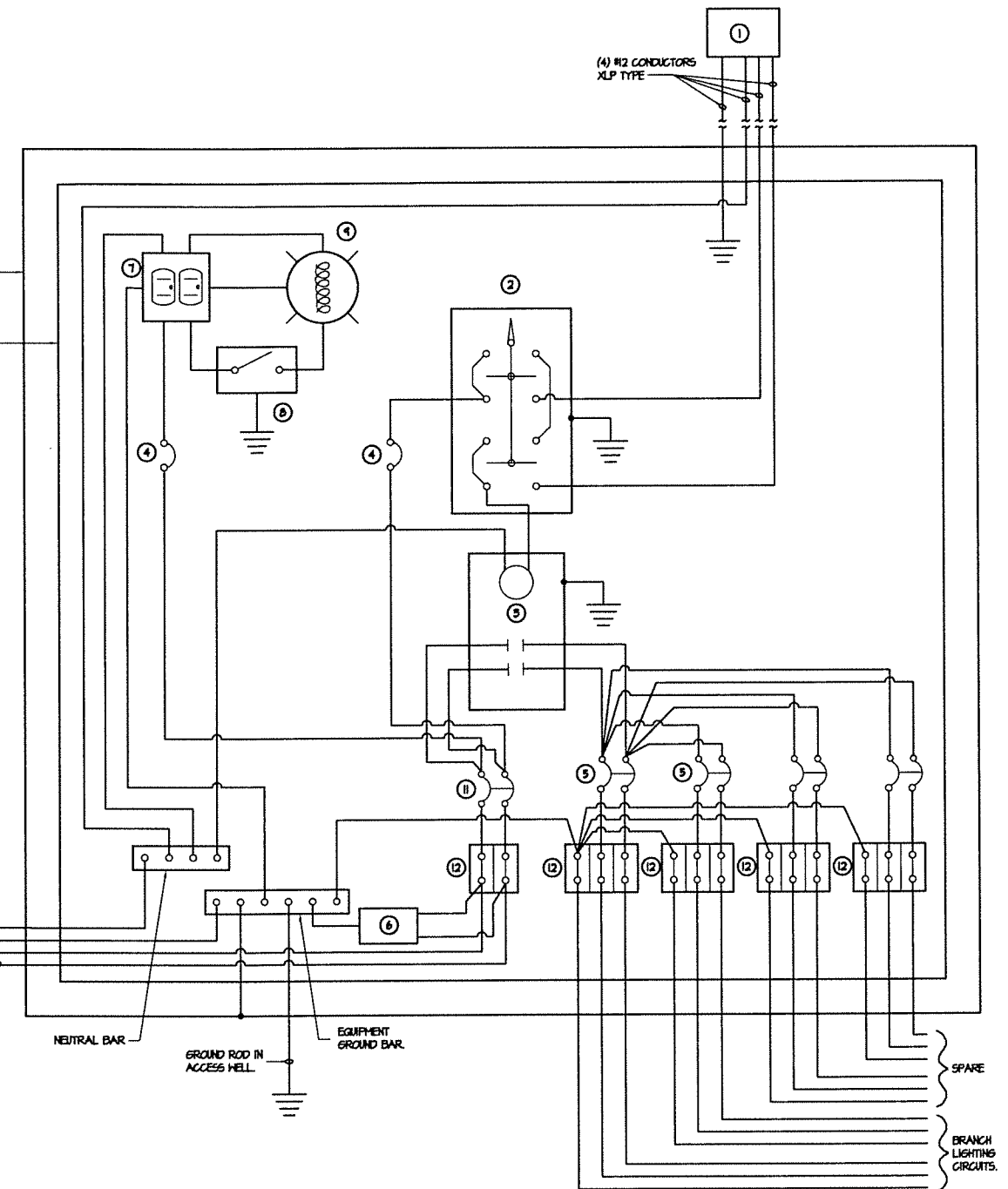


**3 ANCHOR ROD DETAIL**  
SCALE: 1-1/2" = 1'-0"

\* CONTROLLER ENCLOSURE,  
MINIMUM DIMENSIONS:  
30" X 20" X 14"

(3) #2 XLP-TYPE SERVICE  
CONDUCTORS.

(4) #6 XLP-TYPE  
FEEDER CONDUCTORS.



**CONTROL SCHEMATIC NOTES**

- ① PHOTOCELL WITH INTEGRAL SURGE ARRESTER, REMOTELY MOUNTED TO NEAREST STREET LIGHT (SL4).
  - ② SINGLE-POLE, SINGLE-THROW SWITCH.
  - ③ HAND-OFF-AUTO SELECTOR SWITCH.
  - ④ LIMNAIRE, ENCLOSED AND GASKETTED WITH 1600 LUMEN LAMP.
  - ⑤ 100 AMP, ELECTRICALLY HELD CONTACTOR.
  - ⑥ NEMA 100-AMP PANEL, LOCKABLE IN NEMA 3R ENCLOSURE.
  - ⑦ 15 AMP, 1-POLE CIRCUIT BREAKER.
  - ⑧ 20 AMP, 2-POLE CIRCUIT BREAKER (THO SPARE REQUIRED).
  - ⑨ 60 AMP, 2-POLE CIRCUIT BREAKER.
  - ⑩ SURGE ARRESTER.
  - ⑪ GFCI DUPLEX RECEPTACLE.
  - ⑫ TERMINAL BLOCK SIZED FOR CONDUCTORS AS SHOWN ON PLANS.
- \* SIZE LARGER AS NEEDED.

**4 CONTROL SCHEMATIC**  
SCALE: N.T.S.

CONTRACT # 95864 SHEET E5

FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED SSG	REVISED --	The Upchurch Group 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	MAIN STREET (IL RT 16) STREETScape IMPROVEMENTS DOWNTOWN SHELBYVILLE, SHELBY COUNTY, ILLINOIS	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V	TOTAL SHEETS 44	SHEET NO. 44
		DRAWN TRG	REVISED --		SCALE: VARIES	SECTION:	PROJECT: 3113056	
		CHECKED MED	REVISED --					
		DATE SEPT. 6, 2019	REVISED --					