

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9127	06-00081-02-LS	MADISON	45	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
SCHEDULE OF QUANTITIES				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	8
20100700	TREE REMOVAL (UNDER 6 INCH DIAMETER)	UNIT	9
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	875
25000820	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.2
28000280	TEMPORARY EROSION CONTROL SEEDING	POUND	26.0
28000500	INLET AND PIPE PROTECTION	EACH	16
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	92
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	13
42101300	PROTECTIVE COAT	SQ YD	4,298
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	204
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SQ YD	643
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	23,945
42400420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	4,908
42400800	DETECTABLE WARNINGS	SQ FT	296
44000100	PAVEMENT REMOVAL	SQ YD	297
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	776
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	798
44000300	CURB REMOVAL	FOOT	3,685
44000600	SIDEWALK REMOVAL	SQ FT	26,027
44031000	MEDIAN REMOVAL	SQ FT	243
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	17
60101605	PIPE DRAINS 4" (SPECIAL)	FOOT	25
60101705	PIPE DRAINS 6" (SPECIAL)	FOOT	41
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
60235900	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	5
60231100	INLETS TO BE ADJUSTED WITH NEW TYPE 9 FRAME AND GRATE	EACH	3
60500050	REMOVE INLET	EACH	1
60600605	CONCRETE CURB, TYPE B	FOOT	3,923
60600605	COMBINATION CONCRETE CURB AND GUTTER, TYPE M6.06	FOOT	24
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M6.24	FOOT	52
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	136
67100100	MOBILIZATION	L SUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
72000100	SIGN PANEL - TYPE 1	SQ FT	330
72900100	METAL POST - TYPE A	FOOT	691
72900200	METAL POST - TYPE B	FOOT	47
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,004
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	116
80300100	LOCATE UNDERGROUND CABLE	FOOT	100
80400105	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	1,200
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	2,750
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	860
81021320	CONDUIT PUSHED, 1 1/2" DIA., PVC	FOOT	480
81021340	CONDUIT PUSHED, 2 1/2" DIA., PVC	FOOT	450
81400105	HANDHOLE, SPECIAL	EACH	2
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	14,350
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	9,350
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	6,700
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	10,500
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	4,750
83600200	LIGHT POLE FOUNDATION 24"	FOOT	331.5
84200700	LIGHTING FOUNDATION REMOVAL	EACH	4
A2004514	TREE, GNKGO BLOBA AUTUMN GOLD, 2-1/2" CALIPER, BALLED & BURLAPPED	EACH	19
A2004916	TREE, GLEDITSIA TRIACANTHOS NERMIS MORAIN, 2" CALIPER, BALLED & BURLAPPED	EACH	18
XX002918	TREE FRAME AND GRATES	EACH	23
XX003121	TRENCH DRAIN SPECIAL	FOOT	133
XX004618	SINGLE STREET LIGHT AND POLE	EACH	51
XX004577	FLAG POLE INSERT	EACH	14
X0323113	BITUMINOUS PAVEMENT IMPRINTING	SQ YD	327
Z0034100	MASONRY WALL CONSTRUCTION	SQ FT	60
XX006587	COAL CHUTE CLOSURE SYSTEM	EACH	1
XX006886	INLETS, SPECIAL 4"	EACH	1
XX006989	INLETS, SPECIAL REMOVE AND REPLACE LD	EACH	3
85100400	PAINT EXISTING TRAFFIC CONTROL EQUIPMENT	L SUM	4
XX006213	METAL POST, SPECIAL	EACH	15
XX006653	FENCE, SPECIAL	FOOT	20

* SPECIALTY ITEMS

** SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION

Deleted Pay Item 81021330 - Revision date 7-13-07

Added 7-13-07

HOT MIX ASPHALT DESIGN DATA

Ndesign 50	
MIXTURE USE:	HMA SC "D" 50
AC/PG:	PG64-22
MAX. RAP %:	10%
DESIGN AIR VOIDS:	4% @ N50
MIXTURE COMPOSITION:	IL-12.5 OR IL-9.5
FRICTION AGGREGATE:	MIX D

PAVEMENT SCHEDULE

STATION	STATION	OFFSET	HMA SC "D" N50 (NOTE 1) 40603335 (TON)	INCIDENTAL HMA SURF (NOTE 2) 40800050 (TON)	PROTECTIVE COAT 42101300 (SQ YD)	PVMT REM 44000100 (SQ YD)	HMA SURF REM 2 44000157 (SQ YD)	MEDIAN REM 4403100 (SQ YD)	CONC MEDIAN SURF 4 60618300 (SQ FT)	BIT PAVT IMPRINTING X0323113 (SQ YD)
WEST MAIN STREET										
9+44	10+10	RT	6					47		28
10+02	10+18	RT		0.1						
10+02	13+49	RT			258					
10+03	10+52	CL	16				120	243		47
10+14	10+32	LT			26				138	
10+42	11+04	LT		1.3						
10+43	17+00	LT			495					
13+40	13+81	RT	9				82			21
13+44	13+47	RT				2				
13+73	17+04	RT			235					
13+73	13+95	RT				3				
16+83	17+05	RT				4				
16+84	17+00	LT		1.6						
16+84	17+54	CL	32				271			115
17+35	21+00	LT			310					
17+36	17+52	LT		1.1						
17+37	21+00	RT			291					
17+39	17+50	RT		1.2						
20+79	20+97	LT				3				
20+82	21+50	CL	29				256			115
20+84	20+96	LT				1				
20+90	20+99	LT		0.1						
21+29	26+70	RT			790	82				
21+37	21+42	LT		0.4						
21+37	28+71	LT			933	89				
SUBTOTAL			92	6	3,338	184	776	243	138	327
CLINTON STREET										
50+21	51+87	LT			151					
50+21	51+62	LT				31				
52+10	53+50	LT		2.0	215					
52+11	52+15	RT				18				
52+11	53+74	RT			217					
52+15	53+67	RT		1.2						
54+39	55+82	LT		2.8	190					
54+41	55+80	RT			188	64				
55+79	55+82	RT		0.8						
SUBTOTAL			0	7	960	113	0	0	0	0
TOTAL			92	13	4,298	297	776	243	138	327

PAVEMENT NOTES

- HOT-MIX ASPHALT SURFACE COURSE TO BE A NOMINAL DEPTH OF 2"
- INCIDENTAL HOT-MIX ASPHALT SURFACE TO BE FULL DEPTH AT 8"

SEEDING SCHEDULE

STATION	STATION	OFFSET	TOPSOIL F & P 4 21101615 (SQ YD)	SEEDING CL 1A SPL 28000280 (ACRE)	TEMP EROS CONTL SEED 28000250 (POUND)	NITROGEN FERT NUTR (NOTE1) (POUND)	PHOSPHORUS FERT NUTR (NOTE1) (POUND)	POTASSIUM FERT NUTR (NOTE1) (POUND)
WEST MAIN STREET								
10+08	13+47	RT	144	0.03	4	3	3	3
10+45	17+00	LT	280	0.10	8	9	9	9
13+73	16+87	RT	147	0.03	4	3	3	3
17+51	20+84	RT	125	0.03	4	2	2	2
17+51	20+85	LT	117	0.01	4	1	1	1
SUBTOTAL			813	0.2	24	18	18	18
CLINTON STREET								
50+34	51+86	LT	62	0.01	2	1	1	1
SUBTOTAL			62	0	2	1	1	1
TOTAL			875	0.2	26	19	19	19

SEEDING NOTES:

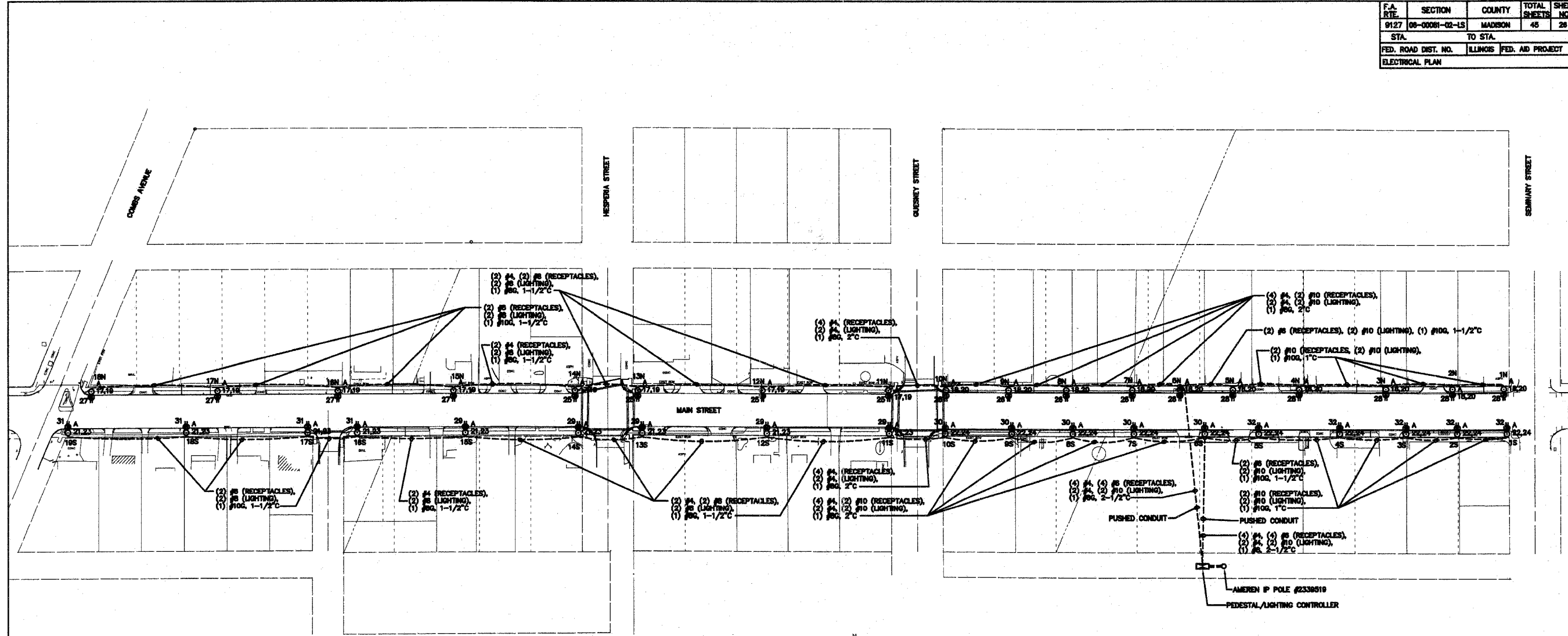
- FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST FOR FERTILIZER NUTRIENTS AND MULCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SEEDING, CLASS 1A (SPECIAL).
- THE APPLICATION RATE FOR FERTILIZER NUTRIENTS IS 90 LB/ACRE.
- THE APPLICATION RATE FOR TEMPORARY EROSION CONTROL SEEDING IS 100 LB/AC.

PAVEMENT MARKING SCHEDULE

INTERSECTION	THPL PVT MK LINE 12 (WHITE) 78000800 (FOOT)	THPL PVT MK LINE 24 (WHITE) 78000660 (FOOT)
WEST MAIN &		
COMBS	235	36
LUCILLE	67	14
HESPERIA	350	37
GUERNSEY	352	30
SUBTOTALS		
	1,004	116
CLINTON &		
CHURCH		
SOUTH ALLEY		
NORTH ALLEY		
SUBTOTALS		
	0	0
TOTAL		
	1,004	116

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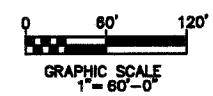
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9127	08-0061-02-LS	MADISON	45	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
ELECTRICAL PLAN				



ELECTRICAL SITE PLAN
1" = 60'-0"

SYMBOL LEGEND

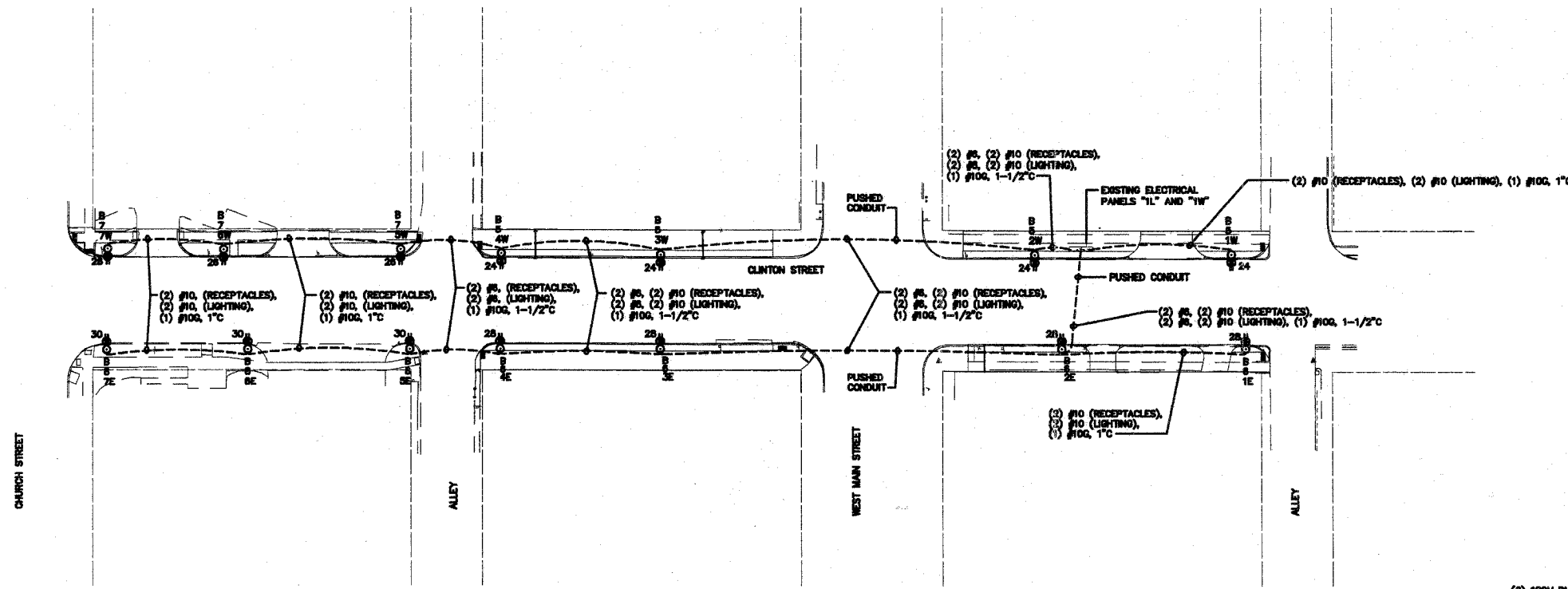
- UNDERGROUND CONDUIT(S)
- SITE LIGHT FIXTURE (SEE DETAIL #5 ON SHEET E-3)
- ⊕ GFI DUPLEX RECEPTACLE IN POLE WITH WEATHERPROOF "IN-USE" COVER.
- HANDHOLE SPECIAL, 12"x12" (SEE DETAIL #4 ON SHEET E-3)
- ELECTRICAL PEDestal/LIGHTING CONTROLLER



	BRiC PARTNERSHIP, LLC CONSULTING ENGINEERS	100 EAST WASHINGTON, SUITE 220 BELLEVILLE, IL 62220 TEL 618.277.5200 FAX 618.277.5227		COLLINSVILLE STREETSCAPE PLAN VIEW	
				DRAWN BY: GYK CHKD BY: LHH DATE: 07/10/07	JOB NO.: C-98-304-07 E-1 SHEET 1 OF 3 SHEETS

Revised

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9127	06-0001-02-LS	MADISON	45	27
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
ELECTRICAL PLANS AND DETAILS				



ELECTRICAL SITE PLAN

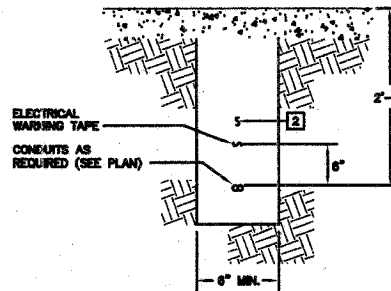
1" = 30'-0"

GENERAL NOTES

- UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
- ROUTE CONDUITS AROUND TREE PLANTING AREAS.
- LIGHT/UPPER GFCI RECEPTACLE CIRCUIT FROM EACH POLE TERMINATES IN PANEL "1L". SEE PANEL SCHEDULE.
- LOWER RECEPTACLE CIRCUIT FROM EACH POLE TERMINATES IN PANEL "1W". SEE PANEL SCHEDULE.
- FACE OF LIGHT POLES TO BE INSTALLED 24" FROM FACE OF CURB.

KEYED NOTES

- VERIFY EXISTING CONDITION AND MATCH.
- AFTER INSTALLATION OF NEW CONDUIT(S), BACKFILL TRENCH(ES) WITH CRUSHED STONE BACKFILL.
- IN PANEL "1W", UTILIZE EXISTING SPARE GFCI, 20A CIRCUIT BREAKERS #24, #25, #28, AND #30.
- ADD (4) 20A/1P BREAKERS IN PANEL "1L".

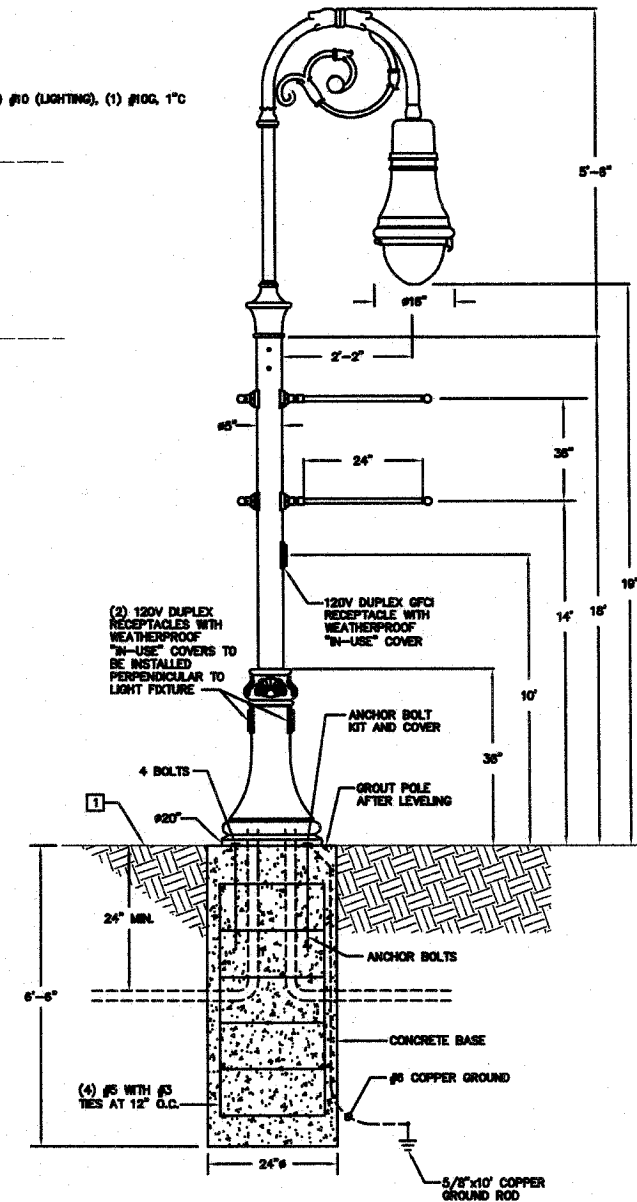


1 TRENCH DETAIL

NO SCALE

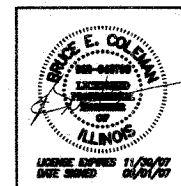
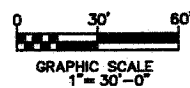
PANEL NO: 1L (EXISTING)										60A
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA		
-	EXISTING LOAD	20A/1P	1	A	2	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	3	B	4	20A/1P	EXISTING LOAD	-		
1670	LTO/UPPER RECEPT.	20A/1P	5	A	6	20A/1P	LTO/UPPER RECEPT.	1670		
1180	LTO/UPPER RECEPT.	20A/1P	7	B	8	20A/1P	LTO/UPPER RECEPT.	1180		
-	SPACE	-	9	A	10	-	SPACE	-		
-	SPACE	-	11	B	12	-	SPACE	-		
-	SPACE	-	13	A	14	-	SPACE	-		
-	SPACE	-	15	B	16	-	SPACE	-		
-	SPACE	-	17	B	18	-	SPACE	-		
VOLTS: 120/240V, 1#, 3W		PHASE: -		TOTALS:		VOLTS: 120/240V, 1#, 3W				
MAINS: 60A MCB		POLES: 16 POSITIONS		MOUNTING: ON UNISTRUT						

PANEL NO: 1W (EXISTING)										400A
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA		
-	EXISTING LOAD	20A/1P	1	A	2	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	3	B	4	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	5	A	6	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	7	B	8	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	9	A	10	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	11	B	12	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	13	A	14	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	15	B	16	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	17	A	18	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	19	B	20	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	21	A	22	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	23	B	24	20A/1P	RECEPTACLES	1440		
-	EXISTING LOAD	20A/1P	25	A	26	20A/1P	RECEPTACLES	1080		
-	EXISTING LOAD	20A/1P	27	B	28	20A/1P	RECEPTACLES	1440		
-	EXISTING LOAD	20A/1P	29	A	30	20A/1P	RECEPTACLES	1080		
VOLTS: 120/240V, 1#, 3W		PHASE: -		TOTALS:		VOLTS: 120/240V, 1#, 3W				
MAINS: 300A MCB		POLES: 30 POSITIONS		MOUNTING: ON UNISTRUT						



2 FITTURE TYPE B POLE INSTALLATION DETAIL

NO SCALE



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**COLLINSVILLE
STREETSCAPE
PLAN VIEW**

DRAWN BY: GYK
CHKD BY: LLH
DATE: 07/10/07

JOB NO.: C-98-304-07
E-2
SHEET 2 OF 3 SHEETS

Revised

BRIC #624-23

