

CONDUIT AND ELECTRICAL CABLE SCHEDULE

ROUTE	CONDUIT HORIZONTAL LENGTH (LF)	CONDUIT IN TRENCH, 2" DIA., PVC		CONDUIT PUSHED, 2" DIA., PVC		TRENCH AND BACKFILL WITH SCREENINGS AND/OR SAND		WIRE LENGTH		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	NOTES		
		NO.	TOTAL (LF)	NO.	TOTAL (LF)	NO.	TOTAL (LF)	SLACK & RISER ALLOWANCE	TOTAL LENGTH (LF)	NO.	TOTAL (LF)		NO.	TOTAL (LF)
CIRCUIT 02F														
CONTROLLER 02	HH CDFGHNW-01	7						5	12	3	36			
HH CDFGHNW-01	HH CDFGHNW-02	42						5	47	3	141			
HH CDFGHNW-02	HH FG-03	205		2	410			5	210	3	630			
HH FG-03	HH FG-04	79		2	158			5	84	3	252			
HH FG-04	POLE 02F01	32		1	32			5	37	3	111			
POLE 02F01	POLE 02F02	155	1	85	1	70	1	85	5	160	3	480		
POLE 02F02	POLE 02F03	153	1	103	1	50	1	103	5	158	3	474		
POLE 02F03	POLE 02F04	165	1	135	1	30	1	135	5	170	3	510		
POLE 02F04	POLE 02F05	165	1	125	1	40	1	125	5	170	3	510		
CIRCUIT 02G														
CONTROLLER 02	HH-CDFGHNW-01	7						5	12	3	36			
HH-CDFGHNW-01	HH-CDFGHNW-02	42						5	47	3	141			
HH-CDFGHNW-02	HH FG-03	205						5	210	3	630			
HH FG-03	HH FG-04	79						5	84	3	252			
HH FG-04	POLE 02G01	20	1	20		1	20	5	25	3	75			
POLE 02G01	POLE 02G02	150	1	120	1	30	1	120	5	155	3	465		
POLE 02G02	POLE 02G03	145	1	95	1	50	1	95	5	150	3	450		
POLE 02G03	POLE 02G04	155	1	55	1	100	1	55	5	160	3	480		
CIRCUIT 02H														
CONTROLLER 02	HH CDFGHNW-01	7						5	12	3	36			
HH CDFGHNW-01	HH CDFGHNW-02	42						5	47	3	141			
HH CDFGHNW-02	HH CDHNW-03	27						5	32	3	96			
HH CDHNW-03	HH CDHNW-04	58						5	63	3	189			
HH CDHNW-04	HH CDHNW-05	62						5	67	3	201			
HH CDHNW-05	POLE 02H01	140	1	75	1	65	1	75	5	145	3	435		
POLE 02H01	POLE 02H02	165	1	130	1	35	1	130	5	170	3	510		
POLE 02H02	POLE 02H03	125	1	28	1	97	1	28	5	130	3	390		
POLE 02H03	POLE 02H04	85	1	40	1	45	1	40	5	90	3	270		
CIRCUIT 02J														
CONTROLLER 02	HH ABEJS-01	10						5	15	3	45			
HH ABEJS-01	HH AJS-02	65						5	70	3	210			
HH AJS-02	HH AJS-03	77						5	82	3	246			
HH AJS-03	HH J-04	58		1	58			5	63	3	189			
HH J-04	POLE 02J01	62	1	62		0	1	62	5	67	3	201		
POLE 02J01	POLE 02J02	155	1	95	1	60	1	95	5	160	3	480		
POLE 02J02	POLE 02J03	157			1	157			5	162	3	486		
CIRCUIT 03C														
POLE 03C15	POLE 03C16	68						5	73		3	219		
POLE 03C16	POLE 03C17	87	1	60	1	30	1	60	5	92		3	276	
MULBERRY STREET														
HANDHOLE	HANDHOLE				1	375								
TOTALS		1,228*		1,892*		1,228*		6,654		3,639				

* PROPOSED CONDUITS ARE INDICATED AS TRENCH OR PUSHED FOR INFORMATION PURPOSES. ALL CONDUIT AND TRENCH BACKFILL SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR UNDERGROUND CONDUIT OF THE TYPE AND SIZE SPECIFIED. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

LIGHTING - BILL OF MATERIALS

ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT
STANDARD ITEMS			
81013050	UNDERGROUND CONDUIT, PVC, 2" DIA.	3120	FOOT
81021370	UNDERGROUND CONDUIT, PVC, 3" DIA.	70	FOOT
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	500	FOOT
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	3	EACH
81400730	HANDHOLE, COMPOSITE CONCRETE	2	EACH
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	6654	FOOT
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	3639	FOOT
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	2	EACH
89502385	REMOVE EXISTING CONCRETE FOUNDATION	2	EACH
X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	18	EACH
X8100863	INTERCEPT EXISTING CONDUIT	2	EACH
X8360120	LIGHT POLE FOUNDATION, SPECIAL	17	EACH
X8950130	MODIFY EXISTING LIGHTING CONTROLLER	1	EACH
XX007797	LUMINAIRE (SPECIAL)	34	EACH

LIGHTING POLE ASSEMBLIES

POLE NO.	LOCATION			LIGHT POLE FOUNDATION, SPECIAL	ORNAMENTAL LIGHT UNIT COMPLETE	LUMINAIRE (SPECIAL)	ELECTRIC CABLE IN LIGHT POLE, 600V (XLP-TYPE USE) 1/C NO. 12	NOTES
	ROAD	STATION	OFFSET					
F01	MULBERRY	504+74	19.3' LT	1	1	2	180	1,2
F02	MULBERRY	503+19	22.2' LT	1	1	2	180	1,2
F03	MULBERRY	501+66	22.0' LT	1	1	2	180	1,2
F04	MULBERRY	500+01	22.0' LT	1	1	2	180	1,2
F05	MULBERRY	498+36	27.0' LT	1	1	2	180	1,2
G01	MULBERRY	505+25	19.3' LT	1	1	2	180	1,2
G02	MULBERRY	506+71	19.3' LT	1	1	2	180	1,2
G03	MULBERRY	508+17	19.3' LT	1	1	2	180	1,2
G04	MULBERRY	509+72	19.4' LT	1	1	2	180	1,2
H01	COLLEGE	398+22	19.0' RT	1	1	2	180	1,2
H02	COLLEGE	396+56	19.0' RT	1	1	2	180	1,2
H03	BROADWAY	706+05	23.0' RT	1	1	1	180	1,2
H04	BROADWAY	705+29	39.5' RT	1	1	1	180	1,2
C17	COLLEGE	394+91	23.0' RT	1	1	2	180	1,2
C15	COLLEGE	393+36	24.0' RT	EXISTING	1	2	180	1,2
J01	COLLEGE	401+52	26.0' RT	1	1	2	180	1,2
J02	COLLEGE	403+07	26.0' RT	1	1	2	180	1,2
J03	COLLEGE	404+62	27.5' RT	1	1	2	180	1,2
TOTALS				17	18	34	3,240	

NOTES
 1. ELECTRIC CABLE IN LIGHT POLE, 600V (XLP-TYPE USE) 1/C NO. 12 IS PROVIDED UNDER THE LUMINAIRE PAY ITEM AND IS SHOWN HERE FOR INFORMATION ONLY.
 2. PENDANT ARMS AND BANNER ARMS ARE PROVIDED UNDER THE ORNAMENTAL LIGHT UNIT, COMPLETE PAY ITEM.

HANDHOLES

NO.	LOCATION			HANDHOLE, PORTLAND CEMENT CONCRETE 81400700	HANDHOLE, COMPOSITE CONCRETE 81400730	NOTES
	ROAD	STATION	OFFSET			
FG-03	MULBERRY	504+95.7	59.4' RT	1		
--	MULBERRY	501+95.0	25.6' RT.		1	
FG-04	MULBERRY	505+05.8	19.3' LT	1		
--	MULBERRY	505+70.0	25.6' RT.		1	
J-04	COLLEGE	400+91.0	26.0' RT	1		
TOTALS				3	2	

CONDUIT SCHEDULE

ROUTE	CONDUIT HORIZONTAL LENGTH (LF)	CONDUIT IN TRENCH, 3" DIA., PVC		CONDUIT IN TRENCH, 4" DIA., PVC		CONDUIT PUSHED, 4" DIA., PVC		TRENCH AND BACKFILL WITH SCREENINGS AND/OR SAND		CONDUIT 3" DIA., PVC MATERIAL ONLY		NOTES
		NO.	TOTAL (LF)	NO.	TOTAL (LF)	NO.	TOTAL (LF)	NO.	TOTAL (LF)	NO.	TOTAL (LF)	
MULBERRY STREET & CONSTITUTION TRAIL												
JB 281-10	AMEREN TRANS.	290	1	40	1	340	1	160		290		
POLE RISER										1	30	
TOTALS		40		340		160		290		1	30	

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DESIGNED - M.P.
 DRAWN - M.P.
 CHECKED - S.M.W.
 DATE - 1-12

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS - BILL OF MATERIALS

SCALE : NONE SHEET NO. 12 OF 14 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00242-00-LT	MCLEAN	14	12
CONTRACT NO. 91460				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				