

ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6							
LOCATION		NO.	LENGTH	HORIZONTAL	VERTICAL	81702130 FOOT	
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-3	1	118	6.5	0.0	124.5
HH-3	TO	MA-1	1	9	0.0	3.0	12.0
MA-1	TO	L-1	1	0	12.0	45.0	57.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	HH-2	1	99	6.5	0.0	105.5
HH-2	TO	MA-2	1	16	0.0	3.0	19.0
MA-2	TO	L-2	1	0	12.0	45.0	57.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	MA-3	1	20	0.0	3.0	23.0
MA-3	TO	L-3	1	0	12.0	45.0	57.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	MA-4	1	15	0.0	3.0	18.0
MA-4	TO	L-4	1	0	12.0	45.0	57.0
TOTAL							935

ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C							
LOCATION		NO.	LENGTH	HORIZONTAL	VERTICAL	87301255 FOOT	
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	MA-4	3	15	0.0	3.0	54.0
MA-4	TO	SIG-16	1	0	57.0	20.0	77.0
MA-4	TO	SIG-19	1	0	0.0	13.0	13.0
MA-4	TO	SIG-20	1	0	0.0	13.0	13.0
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	HH-3	3	118	6.5	0.0	373.5
HH-3	TO	MA-1	3	9	0.0	3.0	36.0
MA-1	TO	SIG-1	1	0	57.5	20.0	77.5
MA-1	TO	SIG-4	1	0	0.0	13.0	13.0
MA-1	TO	SIG-5	1	0	0.0	13.0	13.0
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	HH-1	3	160	6.5	0.0	499.5
HH-1	TO	MA-3	3	20	0.0	3.0	69.0
MA-3	TO	SIG-11	1	0	60.0	20.0	80.0
MA-3	TO	SIG-14	1	0	0.0	13.0	13.0
MA-3	TO	SIG-15	1	0	0.0	13.0	13.0
CONT	TO	DHH-1	3	2	13.0	3.0	54.0
DHH-1	TO	HH-1	3	160	6.5	0.0	499.5
DH-1	TO	HH-2	3	99	6.5	0.0	316.5
HH-2	TO	MA-2	3	16	0.0	3.0	57.0
MA-2	TO	SIG-6	1	0	53.0	20.0	73.0
MA-2	TO	SIG-9	1	0	0.0	13.0	13.0
MA-2	TO	SIG-10	1	0	0.0	13.0	13.0
TOTAL							2533

TRENCH AND BACKFILL FOR ELECTRICAL WORK				
LOCATION		DESCRIPTION	81900200 FOOT	
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION				
SPLICE	TO	HH-4	2"	5.0
HH-4	TO	HH-1	2"	337.0
MA-2	TO	HH-2	3"	16.0
SPLICE	TO	HH-2	2"	47.0
HH-2	TO	HH-1	3"	99.0
SPLICE	TO	HH-1	2"	6.0
MA-3	TO	HH-1	3"	20.0
HH-1	TO	DHH-1	3"	160.0
MA-1	TO	HH-3	3"	9.0
SPLICE	TO	HH-3	2"	13.0
SPLICE	TO	HH-5	2"	12.0
HH-5	TO	HH-3	3"	330.0
HH-3	TO	DHH-1	3"	118.0
MA-4	TO	DHH-1	3"	15.0
SPLICE	TO	DHH-1	2"	45.0
DHH-1	TO	CONT	(3x) 3.5"	6.0
TOTAL				1238

ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR							
LOCATION		NO.	LENGTH	HORIZONTAL	VERTICAL	87301515 FOOT	
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
SPLICE	TO	HH-4	1	5	0.0	0.0	5.0
HH-4	TO	HH-1	1	337	6.5	0.0	343.5
HH-1	TO	DHH-1	1	160	6.5	0.0	166.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-1	1	6	0.0	0.0	6.0
HH-1	TO	DHH-1	1	160	6.5	0.0	166.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-2	1	47	0.0	0.0	47.0
HH-2	TO	HH-1	1	99	6.5	0.0	105.5
HH-1	TO	DHH-1	1	160	6.5	0.0	166.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	DHH-1	1	45	0.0	0.0	45.0
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-3	1	13	0.0	0.0	13.0
HH-3	TO	DHH-1	1	118	6.5	0.0	124.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
SPLICE	TO	HH-5	1	12	0.0	0.0	12.0
HH-5	TO	HH-3	1	330	6.5	0.0	336.5
HH-3	TO	DHH-1	1	118	6.5	0.0	124.5
DHH-1	TO	CONT	1	2	13.0	3.0	18.0
TOTAL							1770

ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C							
LOCATION		NO.	LENGTH	HORIZONTAL	VERTICAL	X8730027 FOOT	
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
SERV	TO	CONT	1	8	0.0	3.0	11.0
CONT	TO	DHH-1	1	2	0.0	3.0	5.0
DHH-1	TO	MA-4	1	15	13.0	0.0	28.0
DHH-1	TO	HH-3	1	118	13.0	3.0	134.0
HH-3	TO	MA-1	1	9	6.5	0.0	15.5
DHH-1	TO	HH-1	1	160	13.0	3.0	176.0
HH-1	TO	MA-3	1	20	6.5	0.0	26.5
HH-1	TO	HH-2	1	99	6.5	3.0	108.5
HH-2	TO	MA-2	1	16	6.5	0.0	22.5
TOTAL							527

LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400W				
LOCATION STATION		LT/RT	DESCRIPTION	82102400 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION				
201+00	LT		MA-1	1
200+90	RT		MA-4	1
199+55	RT		MA-3	1
199+84	LT		MA-2	1
TOTAL				4

RELOCATE EXISTING LIGHTING UNIT			
LOCATION STATION		LT/RT	84400105 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
11+05.25		RT	1
199+64.12		LT	1
TOTAL			2

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL			
LOCATION STATION		LT/RT	85700205 EACH
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION			
201+09.00		RT	1
TOTAL			1

ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C							
LOCATION		NO.	LENGTH	HORIZONTAL	VERTICAL	87301245 FOOT	
IL ROUTE 8 / SUMMIT DRIVE INTERSECTION							
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	MA-4	1	15	0.0	3.0	18.0
MA-4	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	MA-4	1	15	0.0	3.0	18.0
MA-4	TO	SIG-17	1	0	44.0	20.0	64.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-3	1	118	6.5	0.0	124.5
HH-3	TO	MA-1	1	9	0.0	3.0	12.0
MA-1	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	118	6.5	0.0	124.5
HH-1	TO	MA-3	1	9	0.0	3.0	12.0
MA-3	TO	PPB	1	0	42.0	20.0	62.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	MA-3	1	20	0.0	3.0	23.0
MA-3	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	MA-3	1	20	0.0	3.0	23.0
MA-3	TO	PPB	1	0	44.0	20.0	64.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	HH-2	1	99	6.5	0.0	105.5
HH-2	TO	MA-2	1	16	0.0	3.0	19.0
MA-2	TO	PPB	1	0	0.0	6.0	6.0
CONT	TO	DHH-1	1	2	13.0	3.0	18.0
DHH-1	TO	HH-1	1	160	6.5	0.0	166.5
HH-1	TO	HH-2	1	99	6.5	0.0	105.5
HH-2	TO	MA-2	1	16	0.0	3.0	19.0
MA-2	TO	PPB	1	0	41.0	20.0	61.0
TOTAL							1689

FILE NAME =	PLOT SCALE = #SCALE*	DESIGNED -	REVISED -
#FILE#	PLOT DATE = #DATE*	DRAWN -	REVISED -
	PLOT TIME = #TIME*	CHECKED -	REVISED -
		DATE -	REVISED -



SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 13 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6775	04-00141-00-FP	TAZEWELL	187	30
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 89352	