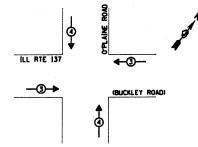


EMERGENCY VEHICLE PREEMPTION SEQUENCE



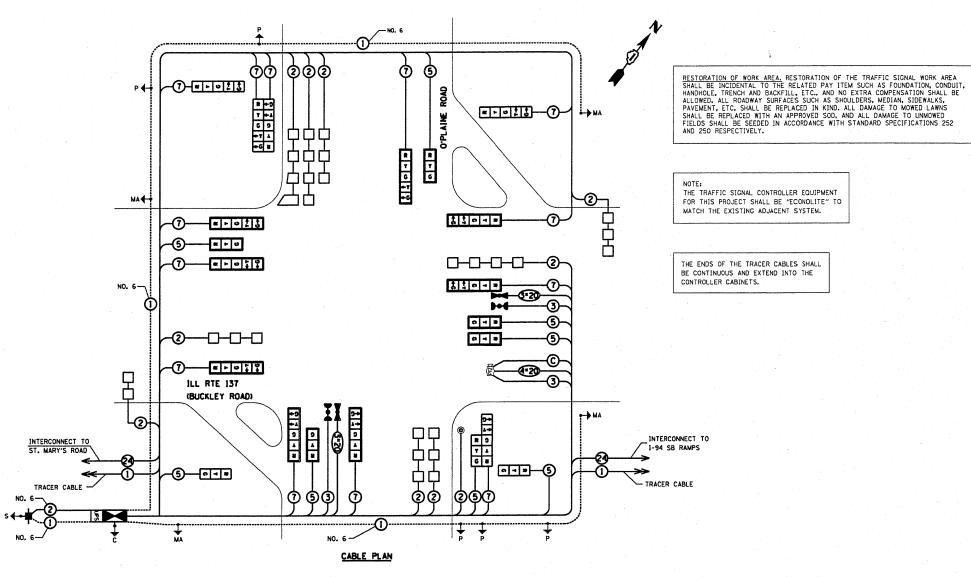
PROPOSED EMERGE	NCY VEHICLE	PREEMPTOR
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	†	↓↑

TRAFF ELECTRI	TOTAL					
TYPE	NO. LAMPS	WAT	TAGE >	% OPERATION	WATTAGE	
SIGNAL (RED)	21		17	0.50	178.50	
(YELLOW)	21		25	0.25	131.25	
(GREEN)	21		15	0.25	78.75	
ARROW	26		12	0.10	31.20	
PED. SIGNAL	-		25	1.00		
CONTROLLER	1		100	1.00	100.00	
ILLUM. SIGN			25	0.05	-	
FLASHER				0.05		
ENERGY COSTS	TO:			TOTAL =	519.70	

ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: JOE HURLEY
PHONE: (847) 816-5503
COMPANY: COMMONWEALTH EDISON



		SCHEDULE OF QUANTI	TIES			
QUANTITY	UNIT	ITEM		QUANTITY	UNIT	ITEM
16.5	SQ FT	SIGN PANEL - TYPE 1		2	EACH	DRILL EXISTING HANDHOLE
27.5	SQ FT	SIGN PANEL - TYPE 2		. 5	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED
387	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL		2	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED
263	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL		8	EACH	SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED
99	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL		2	EACH	SIGNAL HEAD. L.E.D., 1-FACE. 5-SECTION, BRACKET MOUNTED
116	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL		1	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 5-SECTION, BRACKET MOUNTED
359	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL		1	EACH	SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION,
40	FOOT	CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL				BRACKET MOUNTED
382	FOOT	CONDUIT PUSHED. 4" DIA GALVANIZED STEEL		13	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	CONDUIT SPLICE		- 9	EACH	INDUCTIVE LOOP DETECTOR
6	EACH	HANDHOLE		1301	FOOT	DETECTOR LOOP, TYPE I
4	EACH	HEAVY-DUTY HANDHOLE		* 2	EACH	LIGHT DETECTOR
1	EACH	DOUBLE HANDHOLE		# 1	EACH	LIGHT DETECTOR AMPLIFIER
945	FOOT.	TRENCH AND BACKFILL FOR ELECTRICAL WORK		1.1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL		63	FOOT	REMOVE EXISTING CABLE FROM CONDUIT
195	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C		. 1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
635	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C		. 10	EACH	REMOVE EXISTING HANDHOLE
1795	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C		7	EACH	REMOVE EXISTING CONCRETE FOUNDATION
2940	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C		1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
2300	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1-PAIR		. 2	EACH	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM (SPECIAL)
295	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2C		2	EACH	RELOCATE EXISTING SWITCH
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.		1	EACH	SERVICE INSTALLATION, POLE MOUNT
3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.		. 2	EACH	GROUNDING EXISTING HANDHOLE FRAME & COVER
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.		. 1	EACH	UNINTERRUPTIBLE POWER SUPPLY
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS,		2245	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
		38 FT. AND 46 FT.		* 375	FOOT	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 32 FT.		260	FOOT	ELECTRIC CABLE IN CONDUIT, VIDEO NO. 20 4/C
16	FOOT	CONCRETE FOUNDATION, TYPE A	•	260	FOOT	COAXIAL CABLE IN CONDUIT
4	FOOT	CONCRETE FOUNDATION, TYPE C		1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS,
50	FOOT	CONCRETE FOUNDATION. TYPE E 36-INCH DIAMETER				42 FT. AND 48 FT.
		★ 100% COST TO THE LIBERTYVIL	LE FIRE PROTEC	TION DISTRIC	T	

TEX
CONSULTING ENGINEERS, ILC

FILE NAME =	USER NAME = wingram	DESIGNED - WHI	REVISED -		IL. ROUTE 137 @ O'PLAINE ROAD	RTE. SECTION COUNTY TOTAL SHEETS
\$FILEL\$		DRAWN - WHI	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM	352 56N-4 50 2
	PLOT SCALE = \$SCALE\$	CHECKED - DEB	REVISED ~	DEPARTMENT OF TRANSPORTATION	AND EMERGENCY PREEMPTION SEQUENCE	CONTRACT NO. 60P
•	PLOT DATE = 1/6/2011	DATE - 11/08/10	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT