

PARK AVE. ILL. 176 EMERGENCY VEHICLE PREEMPTORS EMERGENCY VEHICLE PREEMPTOR MOVEMENT

EMERGENCY VEHICLE PREEMPTION SEQUENCE

I. D. O. T.						
TRAFFIC SIGNAL INSTALLATION						
ELECTRICAL SERVICE REQUIREMENTS						
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL	
		INCAND.	LED		WATTAGE	
SIGNAL (RED)	12	1 35	17	0.50	102	
(YELLOW)	12	1 35	25	0.25	75	
(GREEN)	12	1 35	15	0.25	45	
ARROW	8	1 35	12	0.10	10	
PED. SIGNAL	8	90	25	1.00	200	
CONTROLLER	1	100	1 00	1.00	100	
ILLUM. SIGN		252	25	0.05		
VIDEO SYSTEM		150	-	1.00		
FLASHER LED						
				TOTAL =	532	

ENERGY COSTS-

BILLED TO: VILLAGE OF LIBERTYVILLE 200 E. COOK AVENUE

LIBERTYVILLE, IL 60048 ENERGY SUPPLY -

CONTACT TERRI BLECK PHONE

<u>847-816-5239</u> COMMONWEALTH EDISON LEGEND

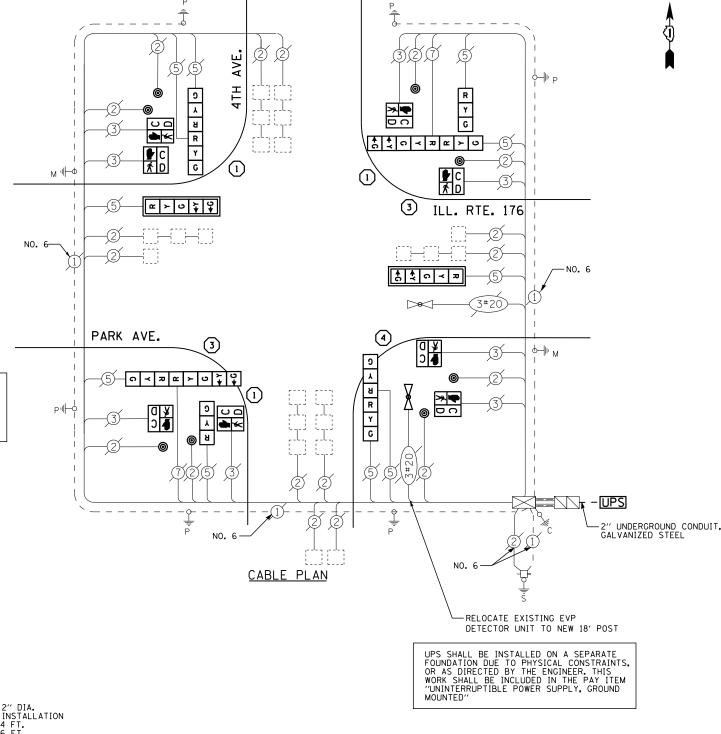
DUAL ENTRY PHASE PEDESTRIAN PHASE

SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

- REPLACE 14 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.
- REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM PAINTED POSTS THAT ARE INDICATED FOR REPLACEMENT TO A NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE TRAFFIC SIGNAL POST, GALVANIZED STEEL PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.



SCHEDULE OF QUANTITIES

QUAN	NTITY	<u>UNIT</u>	<u>ITEM</u>
1	0	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
1		EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
2	2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1		EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.
1		EACH	DRILL EXISTING HANDHOLE
2	2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2		EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
2		EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
2	5	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
5	3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	5	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
5	3	EACH	PEDESTRIAN PUSH-BUTTON
* 1	•	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
î		EACH	MODIFY EXISTING CONTROLLER CABINET
î		EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1		EACH	UNINTERRUPTABLE POWER SUPPLY, GROUND MOUNTED
1		LACII	DISTRICTION TABLE TO HER SOLLET, SHOULD MODIVIED

* - 100% COST TO VILLAGE OF LIBERTYVILLE

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- SIGNAL HEAD, 3 SECTION SIGNAL HEAD, 5 SECTION FACH
- PEDESTRIAN SIGNAL HEAD EACH PEDESTRIAN PUSH-BUTTON EACH
 - EACH SIGNAL POST
- TRAFFIC SIGNAL BACKPLATE EACH

TS# 14035 LIBERTYVILLE

DESIGNED REVISED FILE NAME = USER NAME = \$USER\$ DW COUNTY SECTION IL RTE. 176 (PARK AVE.) AT 4TH AVENUE - CABLE PLAN, STATE OF ILLINOIS N:\Projects3\12004\DesignCAD\Sheet File s 12-001 Sheets SE Lake Co\14035_CAB_LAKE.do DRAWN JDH REVISED 2012-003 I LAKE 102 85 SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 60T41 SCALE: N.T.S. SHEET NO. OF SHEETS STA. PLOT DATE = 3/28/2012 DATE REVISED