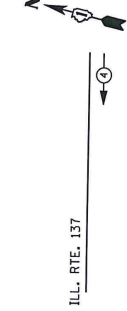
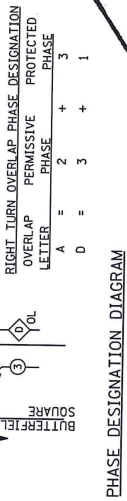
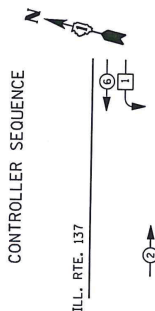


LEGEND

- ⊕ DUAL ENTRY PHASE
- ⊖ PEDESTRIAN PHASE
- ⊙ SINGLE ENTRY PHASE
- ⊗ OVERLAP
- * NUMBER REFERS TO ASSOCIATED PHASE



EMERGENCY VEHICLE PREEMPTION MOVEMENT	3	4	5
EMERGENCY VEHICLE PREEMPTION	→	→	→

J. D. O. T.

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	INCANDESC. WATTAGE	LED WATTAGE	% OPERATIONS	TOTAL WATTAGE
SIGNAL (RED)	13	135	17	0.50	III
(YELLOW)	13	135	25	0.25	81
(GREEN)	13	135	15	0.25	49
ARROW	4	135	12	0.10	5
PEDESTRIAN SIGNAL	2	90	25	1.00	50
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN	2	252	25	0.05	--
VIDEO SYSTEM	1	150	--	1.00	--
FLASHER LED					
TOTAL =					396

ENERGY COSTS - BILLED TO: VILLAGE OF LIBERTYVILLE
200 E. COOK AVENUE
LIBERTYVILLE, IL 60048

ENERGY SUPPLY - CONTACT: JERRE BLECK
PHONE: 847-816-5233
COMMONWEALTH EDISON

FILE NAME *	USER NAME * USER'S	DESIGNED -	DW
W:\Projects\1200\1200.dwg	DL	DRAWN -	JHM
		CHECKED -	KAM
		DATE	



CABLE PLAN



RECORD DRAWINGS
HECKER AND COMPANY, INC.
Date: 6/27/12

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	PEDESTRIAN PUSH-BUTTON LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL

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 THE SAME VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON