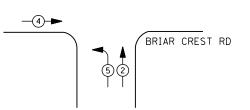


LEGEND

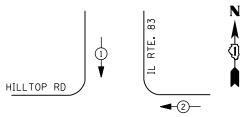
DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE

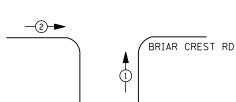
NUMBER REFERS TO

ASSOCIATED PHASE



### **EXISTING AND PROPOSED** PHASE DESIGNATION DIAGRAM





## **EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	1	2		
MOVEMENT	<b>↓</b> ↑	<del></del>		

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL
		INCAND.	LED		WATTAGE
SIGNAL (RED)	12	1 35	1 7	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		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	-
FLASHER LED					
				TOTAL =	332

ENERGY COSTS-

FILE NAME =

BILLED TO: VILLAGE OF LONG GROVE

ENERGY SUPPLY -

N:\Projects3\12004\DesignCAD\Sheet Files 12-003 Sheets SW Lake Co\06957\_CAB\_LAKE.do

847-816-5239 PHONE

USER NAME = \$USER\$

PLOT DATE = 8/23/2012

COMMONWEALTH EDISON

EXISTING FIBER OPTIC SPLICE BOX, POWER SUPPLIES, PTZ SURGE PROTECTORS, ALL NECESSARY WIRING/CABLES AND ANY ADDITIONAL LAKE COUNTY EQUIPMENT SHALL BE RELOCATED TO NEW CONTROLLER CABINET AS NECESSARY, OR AS DIRECTED BY THE ENGINEER IN ORDER TO MAINTAIN THE EXISTING INTERCONNECT SYSTEM. CARE SHOULD BE TAKEN TO NOT DAMAGE EXISTING FIBER OPTIC CABLE, SPLICES OR TERMINATIONS. REPAIR OF ANY DAMAGED EQUIPMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF THIS WORK SHALL BE INCLUDED IN THE FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL PAY ITEM.

#### 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.

1 EACH CONTROLLER AND CABINET (COMPLETE)

# INTERCONNECT TO TRACER CABLE -83 R Y G ←Y RTE. **←** Y Y $\exists$ ດ **≺** ສ HILLTOP RD. −NO. 6 GREEN NO. 6-GREEN BRIAR CREST DR γ γ γ γ A Y γ γ γ GREEN TRACER CABLE INTERCONNECT TO **CABLE PLAN** APTIKISIC RD THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

## SCHEDULE OF QUANTITIES

<u>QUANTITY</u>	<u>UNIT</u>	<u>ITEM</u>
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	TRANSCEIVER - FIBER OPTIC
7	EACH	INDUCTIVE LOOP DETECTOR
<b>*</b> 1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT
4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT

\* 100% COST TO LONG GROVE

REVISED

REVISED

REVISED

REVISED

SIGNAL HEADS TO L.E.D TS# 6957 LONG GROVE

RETROFIT ALL EXISTING

COUNTY TOTAL SHEET NO. LAKE 84 47

CONTRACT NO. 60T84

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

IL ROUTE 83 AT HILLTOP RD SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE SECTION 2012-039TS SCALE: N.T.S. SHEET NO. OF SHEETS STA.

3110 RFD

LONG GROVE, IL 60047 CONTACT TERRI BLECK

DESIGNED

CHECKED

DRAWN

DATE

DW

JDH

КММ