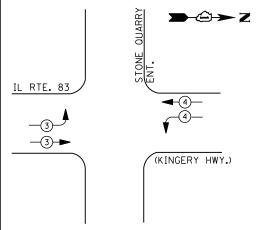


PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VE	HICLE PRE	EEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4		
MOVEMENT				

ENERGY COSTS-

ENERGY SUPPLY -

I. D. O. T.									
TRAFFIC SIGNAL INSTALLATION									
ELECTRICAL SERVICE REQUIREMENTS									
TYPE	NO. LAMPS WATTAGE			% OPERATIONS	TOTAL				
		INCAND.	LED		WATTAGE				
SIGNAL (RED)	18	1 35	17	0.50	153				
(YELLOW)	18	1 35	25	0.25	113				
(GREEN)	18	1 35	15	0.25	68				
ARROW		1 35	12	0.10					
PED. SIGNAL		90	25	1.00					
CONTROLLER	1	1 00	1 00	1.00	100				
ILLUM. SIGN		252	25	0.05					
VIDEO SYSTEM		150	-	1.00					
FLASHER LED									
				TOTAL =	434				

BILLED TO: ELMHURST STONE QUARRY

630-424-5704

COMMONWEALTH EDISON

CONTACT JOE STACHO

REPLACE 14 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION. **→**②→ Z REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION. STONE QUARRY ENT. REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION. REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION. - E ≻ ∪ 1 æ ≻ ∪ (KINGERY HWY.) -EXISTING INTERSECTION GREEN AND SAMPLING (SYSTEM) DETECTORS EXISTING INTERSECTION AND SAMPLING (SYSTEM) ດ **≺** ສ GREEN DETECTORS େ **≺** ଅ IL RTE. 83 ਨ ≺ ਡੋ-INTERCONNECT TO ELMHURST SHOPPING CENTER ENTRANCE Ы C TRACER CABLE NO. 6 GREEN **CABLE PLAN** UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO PHYSICAL CONSTRAINT, OR AS DIRECTED BY THE ENGINEER

SCHEDULE OF QUANTITIES

<u>QUANTITY</u>	<u>UNIT</u>	<u>I TEM</u>
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 3-FACE, 3-SECTION, BRACKET MOUNTED
6	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTABLE 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 THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

SIGNAL HEAD, 1 - FACE, 3 - SECTION SIGNAL HEAD, 2 - FACE, 2-3 SECTION EACH EACH SIGNAL HEAD, 3 - FACE, 3-3 SECTION

TRAFFIC SIGNAL BACKPLATE

EACH SIGNAL POST

> TS# 630 FI MHURST

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FILE NAME =	USER NAME = \$USER\$	DESIGNED -	DW	REVISED -		IL ROUTE 83 AT CHICAGO ELMHURST STONE QUARRY ENTRANCE	F.A. SECTI	ION	COUNTY	TOTAL S SHEETS	SHEET
N:\Projects3\12062\DesignCAD\Sheet Files	630_CAB_DUPAGE.dgn	DRAWN -	JDH	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM	2012-0)82TS	DUPAGE	88	18
	PLOT SCALE = \$SCALE\$	CHECKED -	КММ	REVISED -	DEPARTMENT OF TRANSPORTATION	AND EMERGENCY VEHICLE PREEMPTION SEQUENCE		52.5	CONTRACT		woo
	PLOT DATE = 2/5/2013	DATE -		REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	F	ILL INOIS FED. AL			