### **EXISTING CONTROLLER SEQUENCE**

# IL RTE 58 (SUMMIT ST) 38

#### **LEGEND:**

**★** SINGLE ENTRY PHASE

**◆**DUAL ENTRY PHASE

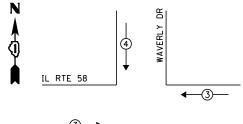
**◆**(\*) → PEDESTRIAN PHASE

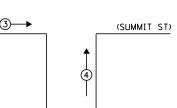
OVERLAP

PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8

#### **EXISTING PHASE DESIGNATION DIAGRAM**

#### **EXISTING EMERGENCY VEHICLE** PREEMPTION SEQUENCE





EXISTING EMERGENCY VEHICLE PREEMPTORS								
EMERGENCY VEHICLE PREEMPTOR	3	4						
MOVEMENT	<del>-</del>	I f						

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS								
	NO. OF	NO. OF WATTAGE			WATTAGE			
TYPE	LAMPS	INCAND.	LED	% OPERATION				
SIGNAL (RED)	12		17	0.50	102.0			
(YELLOW)	12		25	0.25	75.0			
(GREEN)	12		15	0.25	45.0			
ARROW	16		12	0.10	19.2			
PED. SIGNAL	8		25	1.00	200.0			
CONTROLLER	1		100	1.00	100.0			
ILLUM. SIGN	-		25	0.05	-			
VIDEO SYSTEM	-		150	1.00	-			

CITY OF ELGIN 150 DEXTER COURT ELGIN, IL 60120

ENERGY COSTS TO:

FLASHER

ENERGY SUPPLY: CONTACT: JOE STACHO

PHONE: (630) 424-5704

COMPANY: COMMONWEALTH EDISON

0.50

541.2

TOTAL =

## **SCHEDULE OF QUANTITIES**

INTERSECTION & SAMPLING (SYSTEM)

DETECTORS

#### TOTAL QTY. ITEM DESCRIPTION UNIT MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION EACH PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER EACH 4 PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER EACH 2 MODIFY EXISTING CONTROLLER CABINET EACH 1 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1 UNINTERRUPTABLE POWER SUPPLY, SPECIAL EACH PEDESTRIAN PUSH-BUTTON, NON-LATCHING EACH 6

#### **CABLE PLAN**

NO. 6

(NOT TO SCALE)

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.

 ${\sf DR}$ 

WAVERL

PEDESTRIAN SIGNAL HEAD

FACH EACH

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**≫** €

PEDESTRIAN PUSH-BUTTON

#### TS 13286

-INTERSECTION &

(SUMMIT ST)

MA

SAMPLING (SYSTEM) DETECTORS

FILE NAME =	USER NAME = pociechal	DESIGNED - IP	REVISED -		CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY					F.A.	SECTION	COUNTY	TOTAL	SHEET
c:\pw_work\pwidot\pociechal\dØ381174	\D122314-sht-ts5.dgn	DRAWN - IP	REVISED -	STATE OF ILLINOIS	VEHICLE PREEMPTION SEQUENCE, AND SCHEDULE OF QUANTITIES			2014-008TS	соок	81	26			
	PLOT SCALE = 40.0000 '/ in.	CHECKED - AW / LP	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE 58 (SUMMIT) AT WAVERLY DR  SCALE: SHEET OF SHEETS STA. TO STA.						CONTRAC	T NO. 6	OX83	
Default	PLOT DATE = 5/16/2014	DATE - 5/15/2014	REVISED -							ILLINOIS FED. AID PROJECT				

U D

PB "'A"

MΑ

IL RTE 58

INTERCONNECT TO HIAWATHA DR

TRACER CABLE

NO. 6-

(1)(1)(O)(<)(2)