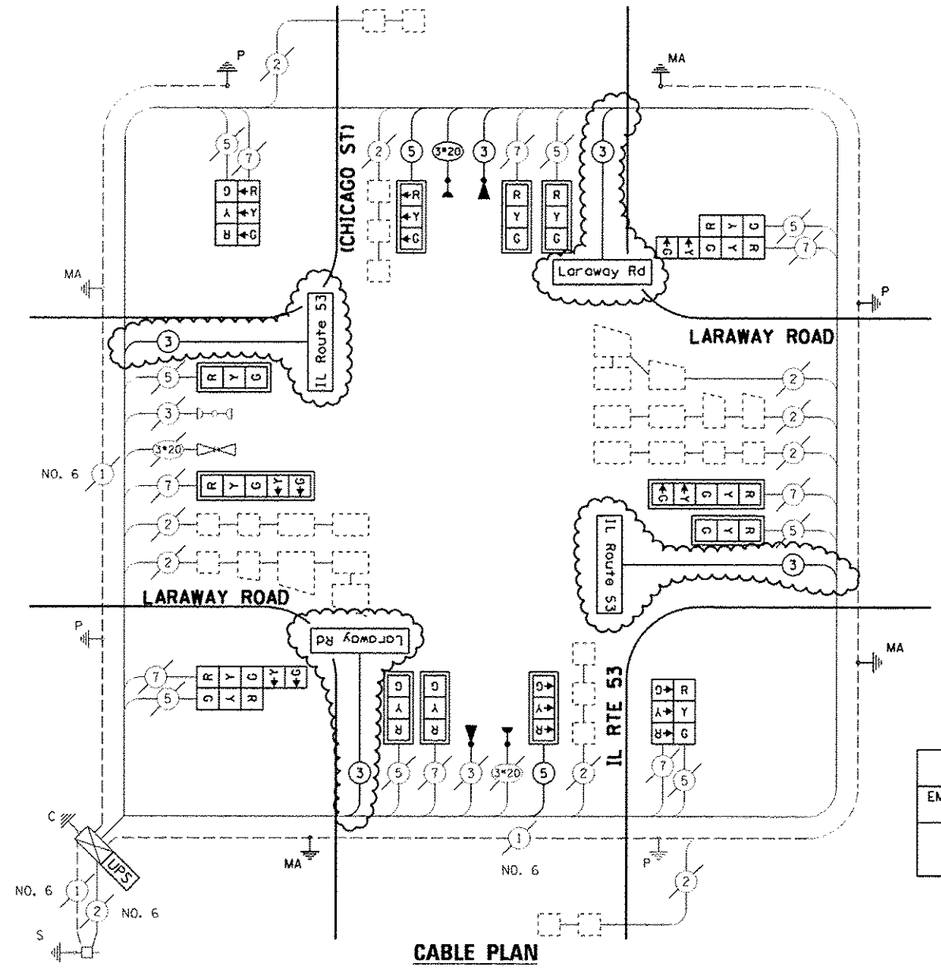
SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNITS	TOTAL QTY.
	SIGN PANEL - TYPE 1	SQ FT	30
	REMOVE SIGN PANEL - TYPE 1	SQ FT	7.5
	RELOCATE SIGN PANEL - TYPE 1	SQ FT	24
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	17
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	95
	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
*	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	413
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	567
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	213
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
	CONCRETE FOUNDATION, TYPE A	FOOT	8
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41
	DRILL EXISTING HANDHOLE	EACH	5
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	10
*	LIGHT DETECTOR	EACH	2
*	LIGHT DETECTOR AMPLIFIER	EACH	1
	MODIFY EXISTING CONTROLLER	EACH	1
	MODIFY EXISTING CONTROLLER CABINET	EACH	1
	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	902
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	413
	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
	TEMPORARY INFORMATION SIGNING	SQ FT	103
*	ILLUMINATED STREET NAME SIGN	EACH	4

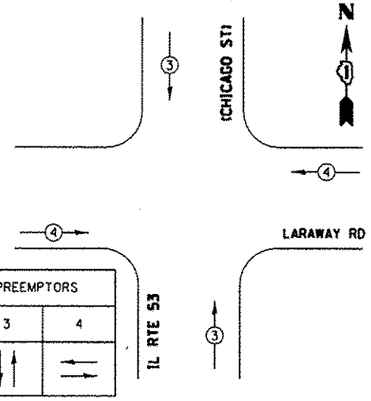
* 100% COST TO THE CITY OF JOLIET



CABLE PLAN

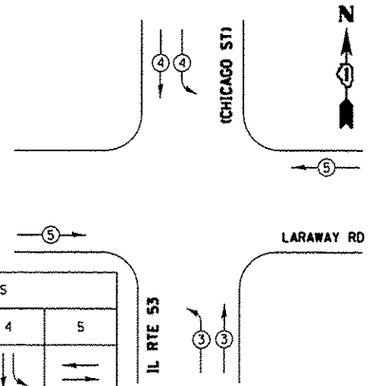
THE PROPOSED EMERGENCY VEHICLE PREEMPTION EQUIPMENT SHALL BE "GTT OPTICOM" TO MATCH THE EXISTING SYSTEM AND MUNICIPAL REQUIREMENTS.

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



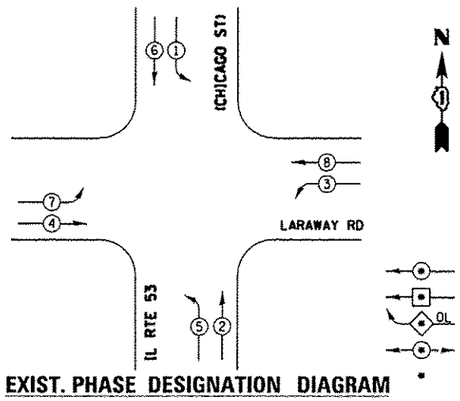
EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT		

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



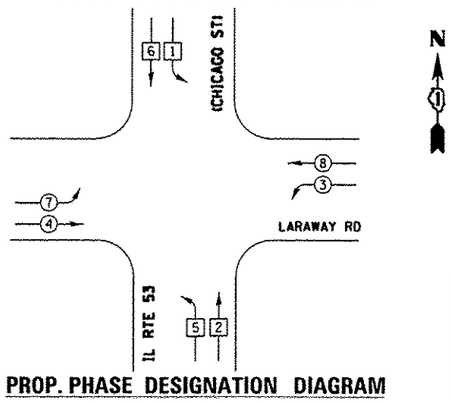
EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

EXISTING CONTROLLER SEQUENCE



EXIST. PHASE DESIGNATION DIAGRAM

PROPOSED CONTROLLER SEQUENCE



PROP. PHASE DESIGNATION DIAGRAM

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL OVERLAP
- PEDESTRAIN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	18		17	0.50	153.00
(YELLOW)	18		25	0.25	112.50
(GREEN)	18		15	0.25	67.50
ARROW	8		12	0.10	9.60
PED. SIGNAL	-		25	1.00	
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		150	1.00	-
BATTERY BACKUP	1		25	1.00	25.00
LED SIGN	4		90	1.00	360.00
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	827.60

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY: CONTACT: TIM COSLET
PHONE: (815) 724-5010
COMPANY: COMED

TS#7570

FILE NAME = c:\pw_work\pwidot\pociechal\d0323734\D01713-SHT-TS.dgn	USER NAME = pociechal	DESIGNED - PB / LP	REVISED - IRV 02/01/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE IL RTE 53 (CHICAGO ST) AT LARAWAY RD
		DRAWN - PB / LP	REVISED -		
Default	PLOT SCALE = 40.0000 ' / in.	CHECKED - SM	REVISED -		SCALE: NTS SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 2/5/2013	DATE - 11/30/12	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846 A	2-TS (12)	WILL	15	14
		CONTRACT NO. 60V95		
	ILLINOIS FED. AID PROJECT			