

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
18	SQ FT	SIGN PANEL - TYPE 1
21	SQ FT	SIGN PANEL - TYPE 2
281	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
50	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
70	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
77	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
163	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
458	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
4	EACH	HANDHOLE
3	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
427	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCIEVER-FIBER OPTIC
1546	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1965	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1172	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
2176	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1729	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
28	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
42	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
5	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
5	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
8	EACH	INDUCTIVE LOOP DETECTOR
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
2	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
1	EACH	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
8	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1719	FOOT	PREFORMED DETECTOR LOOP
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVIC INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
715	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
363	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	MICROWAVE VEHICLE SENSOR (SMARTSENSOR ADVANCE)

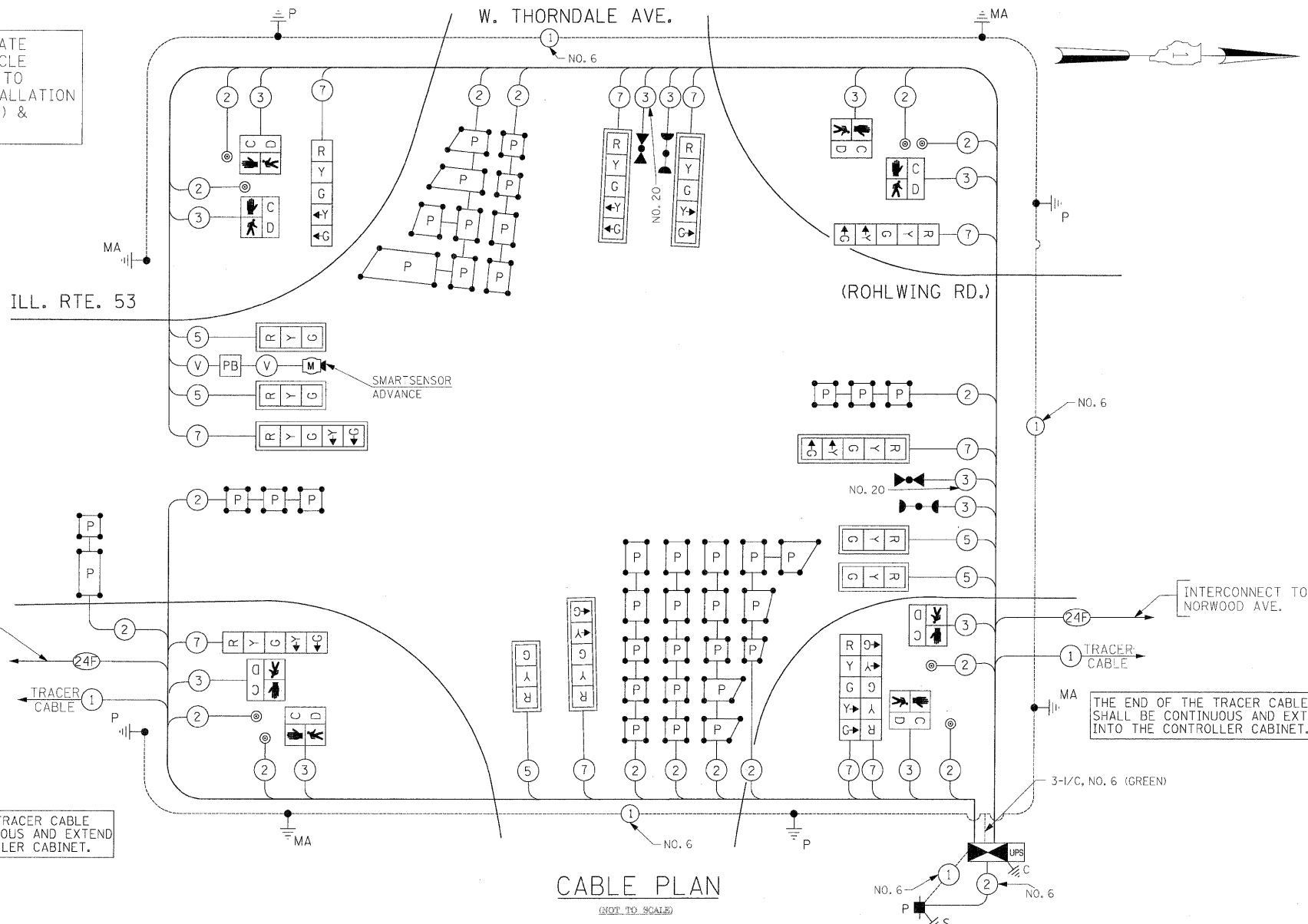
\* 100% COST TO VILLAGE OF ITASCA

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS						TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		OPERATION		
		INCAND.	LED			
SIGNAL (RED)	15	135	17	0.50	127.5	
(YELLOW)	15	135	25	0.25	93.75	
(GREEN)	15	135	15	0.25	56.25	
ARROW	20	135	12	0.10	24	
PED. SIGNAL	8	90	25	1.00	200	
CONTROLLER	1	100	100	1.00	100	
ILLUM. SIGN			25	0.05		
FLASHER				0.50		
ENERGY COSTS TO:					TOTAL =	601.5

ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096  
ENERGY SUPPLY CONTACT: CURTIS TOPPS  
PHONE: (630) 691-4356  
COMPANY: COMMONWEALTH EDISON

FILE NAME =	USER NAME = #USER#	DESIGNED -	PKG	REVISED -	
#FILE#		DRAWN -	MAA, EA	REVISED -	
		CHECKED -	PKG, EA	REVISED -	
		PLOT DATE = #DATE#		REVISED -	
		DATE -	5/10/2010	REVISED -	

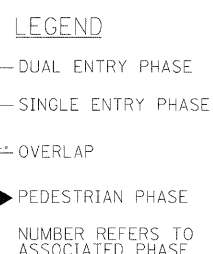
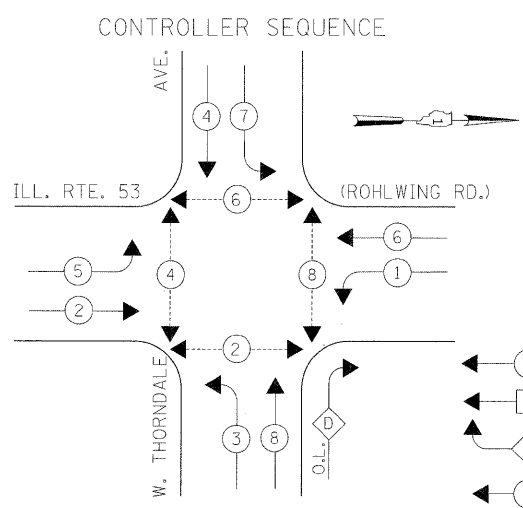
THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & W. THORNDALE AVE.



THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

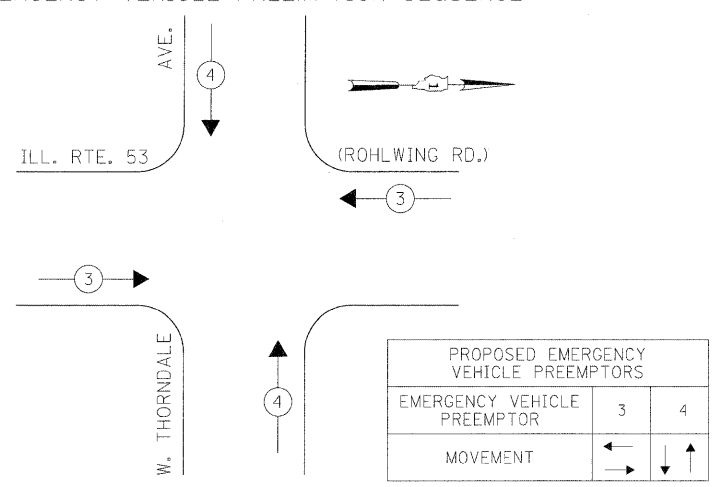
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



OVERLAP LETTER PERMISSIVE PHASE PROTECTED PHASE  
 D = 8 + 1

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTIONS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
EMERGENCY VEHICLE PREEMPTION SEQUENCE, SCHEDULE OF QUANTITIES  
ILLINOIS ROUTE 53 (ROHLWING RD.) AT W. THORNDALE AVE.

F.A.P. RTE. 2578	SECTION 532B	COUNTY DuPage	TOTAL SHEETS 781	SHEET NO. 505
CONTRACT NO. 60477				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.