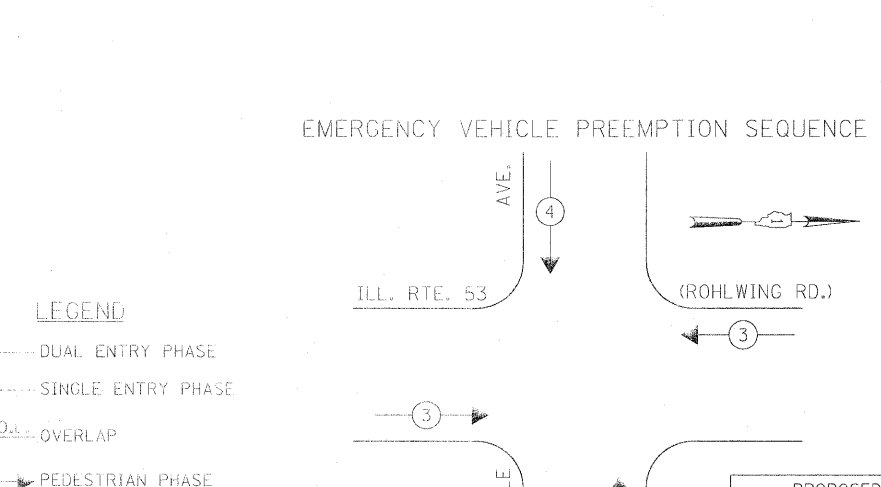
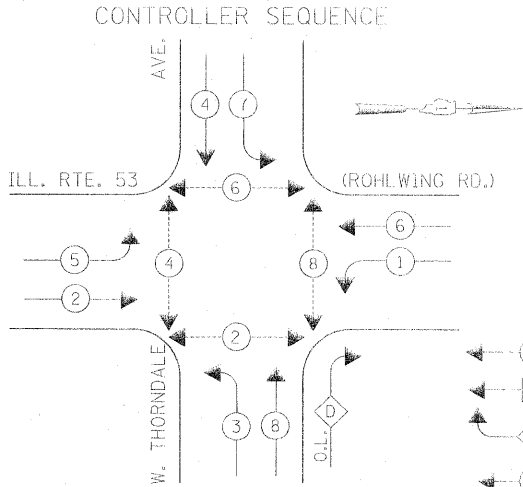
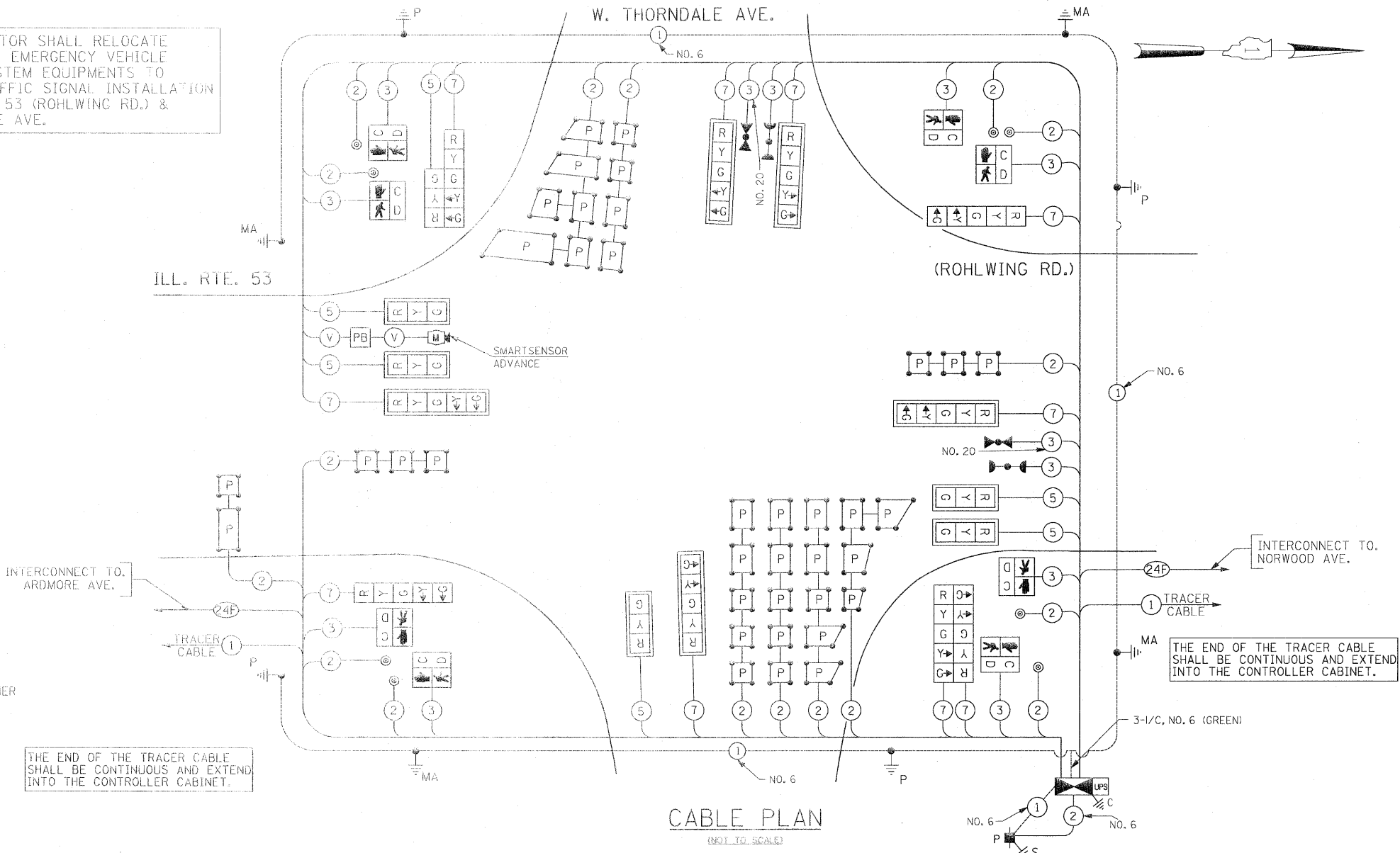


SCHEDULE OF QUANTITIES		
QUANTITY	UNIT	ITEM
15	SO FT	SIGN PANEL - TYPE 1
22.5	SO FT	SIGN PANEL - TYPE 2
284	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
50	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
112	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
37	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
183	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
429	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
1555	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1965	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1488	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
2185	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
1740	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
28	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
2	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
1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
8	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
9	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	SERVICE INSTALLATION - POLE MOUNTED
1	EACH	UNINTERRUPTIBLE POWER SUPPLY
770	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		

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.



- LEGEND**
- DUAL ENTRY PHASE
 - SINGLE ENTRY PHASE
 - OVERLAP
 - PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		OPERATION	
SIGNAL (RED)	15	135	17	0.50	127.5
	(YELLOW)	15	135	25	93.75
	(GREEN)	15	135	15	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

VILLAGE OF ITASCA
550 WEST IRVING PARK ROAD
ITASCA, ILLINOIS 60143-1795

ENERGY SUPPLY CONTACT: CURTIIS 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 -
		DATE - 5/18/2011	REVISED -

STATE OF ILLINOIS	DESIGNED - PKG	REVISED -
DEPARTMENT OF TRANSPORTATION	DRAWN - MAA, EA	REVISED -
	CHECKED - PKG, EA	REVISED -
	DATE - 5/18/2011	REVISED -

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE, SCHEDULE OF QUANTITIES			
ILLINOIS ROUTE 53 (ROHLWING RD.) AT W. THORNDALE AVE.			
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	

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				
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Rev 6-8-11