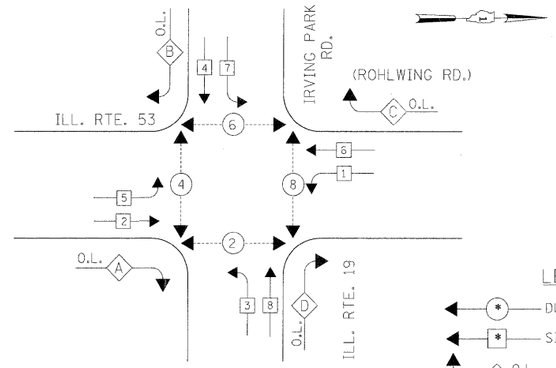
SCHEDULE OF QUANTITIES

	QUANTITY	UNIT	ITEM
	58	SQ FT	SIGN PANEL - TYPE 1
	30	SQ FT	SIGN PANEL - TYPE 2
	848	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
	36	FOOT	CONDUIT IN TRENCH, 2½" DIA., GALVANIZED STEEL
	43	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
	29	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
	501	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
	488	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
	5	EACH	HANDHOLE
	4	EACH	HEAVY-DUTY HANDHOLE
	3	EACH	DOUBLE HANDHOLE
	928	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
	1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
	1	EACH	TRANSCEIVER-FIBER OPTIC
	1753	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
	2938	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
	3161	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
	1955	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
	5699	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
	83	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
	3	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.
	2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.
	1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 64 FT.
	12	FOOT	CONCRETE FOUNDATION, TYPE A
	4	FOOT	CONCRETE FOUNDATION, TYPE C
	15	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
	63	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
	8	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
	4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
	4	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
	2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
	12	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
	18	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
	13	EACH	REMOVE EXISTING HANDHOLE
	9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
	1195	FOOT	PREFORMED DETECTOR LOOP
	1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
	1	EACH	SERVICE INSTALLATION - POLE MOUNTED
	1	EACH	UNINTERRUPTIBLE POWER SUPPLY
	836	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
*	1129	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

* 100% COST TO VILLAGE OF ADDISON

THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE NEW TRAFFIC SIGNAL INSTALLATION AT ILL. RTE. 53 (ROHLWING RD.) & ILL. RTE. 19 (IRVING PARK RD.) THE EXISTING LIGHT DETECTORS ARE SEPARATED AND SHALL BE DIVIDED, INCLUDING THE CONFIRMATION BEACONS, FOR MOUNTING AS PROPOSED IN THE PLANS FOR NEW SIGNAL PHASING.

CONTROLLER SEQUENCE



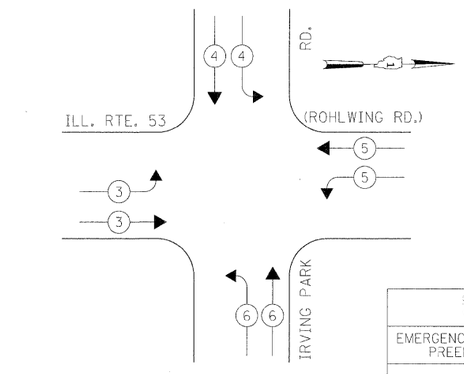
PHASE DESIGNATION DIAGRAM

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1

LEGEND

- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- O.L. OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PHASE DESIGNATION DIAGRAM,
EMERGENCY VEHICLE PREEMPTION SEQUENCE, SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 53 (ROHLWING RD.) AT ILL. RTE. 19 (IRVING PARK RD.)

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DuPage	781	487
		CONTRACT NO. 60477		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		