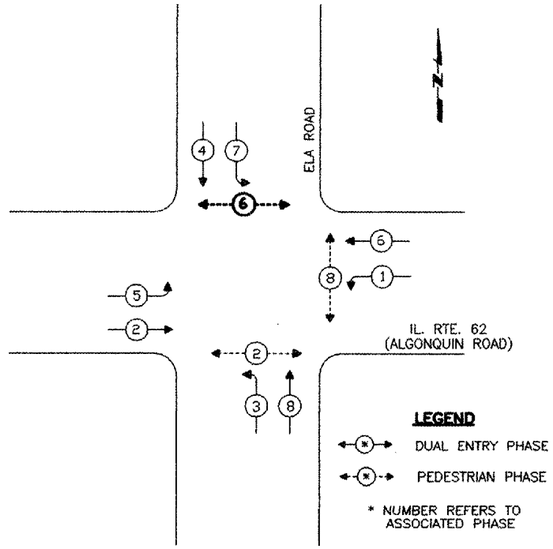
CONTROLLER SEQUENCE IV

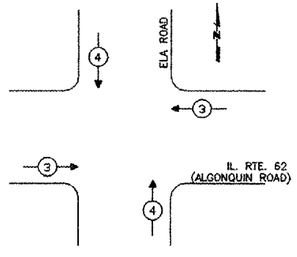
REFERING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW



PHASE DESIGNATION DIAGRAM

DUAL ENTRY – ALL LEGS
PROTECTED/PERMITTED LEFT TURN PHASING

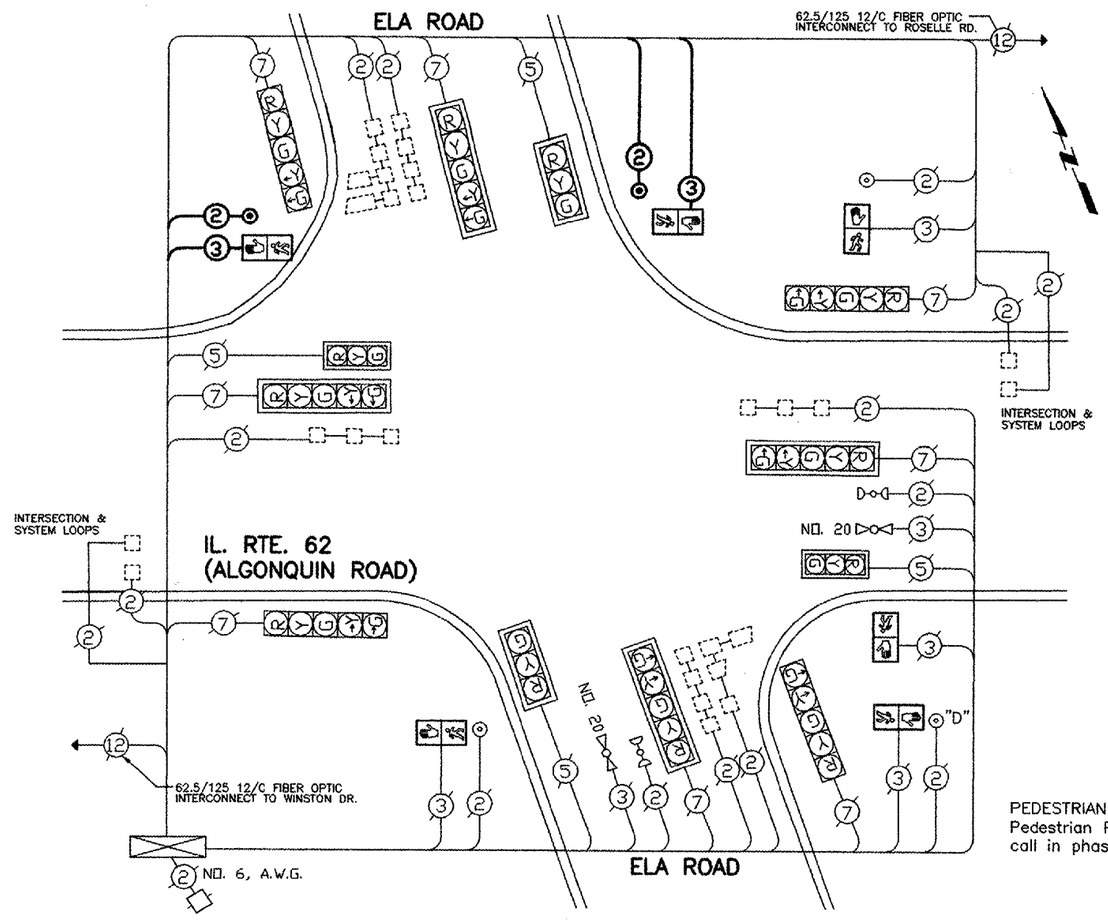
EMERGENCY VEHICLE PREEMPTIONSEQUENCE NOTES
FOR DUAL ENTRY OPERATION – ALL LEGS



PROPOSED	PRIORITY LANES	
PRIORITY LANE INTERVAL	3	4
MOVEMENT	⇄	⇅

NOTES:

1. ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHLL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 2393.
2. CONTINUATION OR TERMINATION OF ALL RIGHT TURN OVERLAP'S SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATIONS CONTINUATION OR TERMINATION OF RIGHT TURN OVERLAP'S AS DESCRIBED IN THE CLEARANCE NOTES FOR RIGHT TURN OVERLAP'S.
3. TERMINATION OF ALL PEDESTRIAN PHASES SHALL INCLUDE A FULL FLASHING "DON'T WALK" INTERVAL.
4. IF ALL RED CLEARANCE IS USED IN THE NORMAL SEQUENCE OF OPERATION, IT MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.



CABLE PLAN

SCHEDULE OF QUANTITES

QUANTITY	UNIT	PAY ITEM
25	FT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
405	FT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 2/C
405	FT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 3/C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT
8	FT	CONCRETE FOUNDATION, TYPE A
2	EACH	DRILL EXISTING HANDHOLE
2	EACH	PEDESTRIAN PUSH BUTTON
1	EACH	MODIFY EXISTING CONTROLLER
6	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1–FACE, BRACKET MOUNTED

ALGONQUIN RD SIDEWALK IMPROVEMENTS

SCALE	FILE NAME	SHEET NO.
NTS	CABLE.DWG	11 OF 2

CABLE PLAN

STA.	TO STA.	
ROUTE NUMBER	SECTION NUMBER	COUNTY
339	02-00073-00-SW	COOK

CONTRACT NO. 83836

CABLE PLAN LEGEND

EXISTING	PROPOSED	
R	R	12" TRAFFIC SIGNAL SECTION
		12" PEDESTRIAN SIGNAL SECTION
		CONTROLLER CABINET
		SERVICE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		PUSHBUTTON DETECTOR
②	②	DENOTES NUMBER OF CONDUCTORS ALL LOOP DETECTOR CABLE TO BE SHIELDED. ALL CABLE NO. 14 EXCEPT AS INDICATED.
		EMERGENCY VEHICLE SYSTEM DETECTOR
		CONFIRMATION BEACON
"P"	"P"	"P" SIGNAL FACE WITH BACKPLATE "P" INDICATES PROGRAMMED HEAD.

PEDESTRIAN PUSH BUTTON NOTES
Pedestrian Pushbutton "D" shall place a call in phases 2 & 8.

ILLINOIS DEPARTMENT OF TRANSPORTATION

CABLE PLAN

SCALE: NTS **DRAWN BY:** SW
DATE: 9/29/05 **CHECKED BY:** SW