

EXISTING EMERGENCY VEHICLE PREEMPTORS

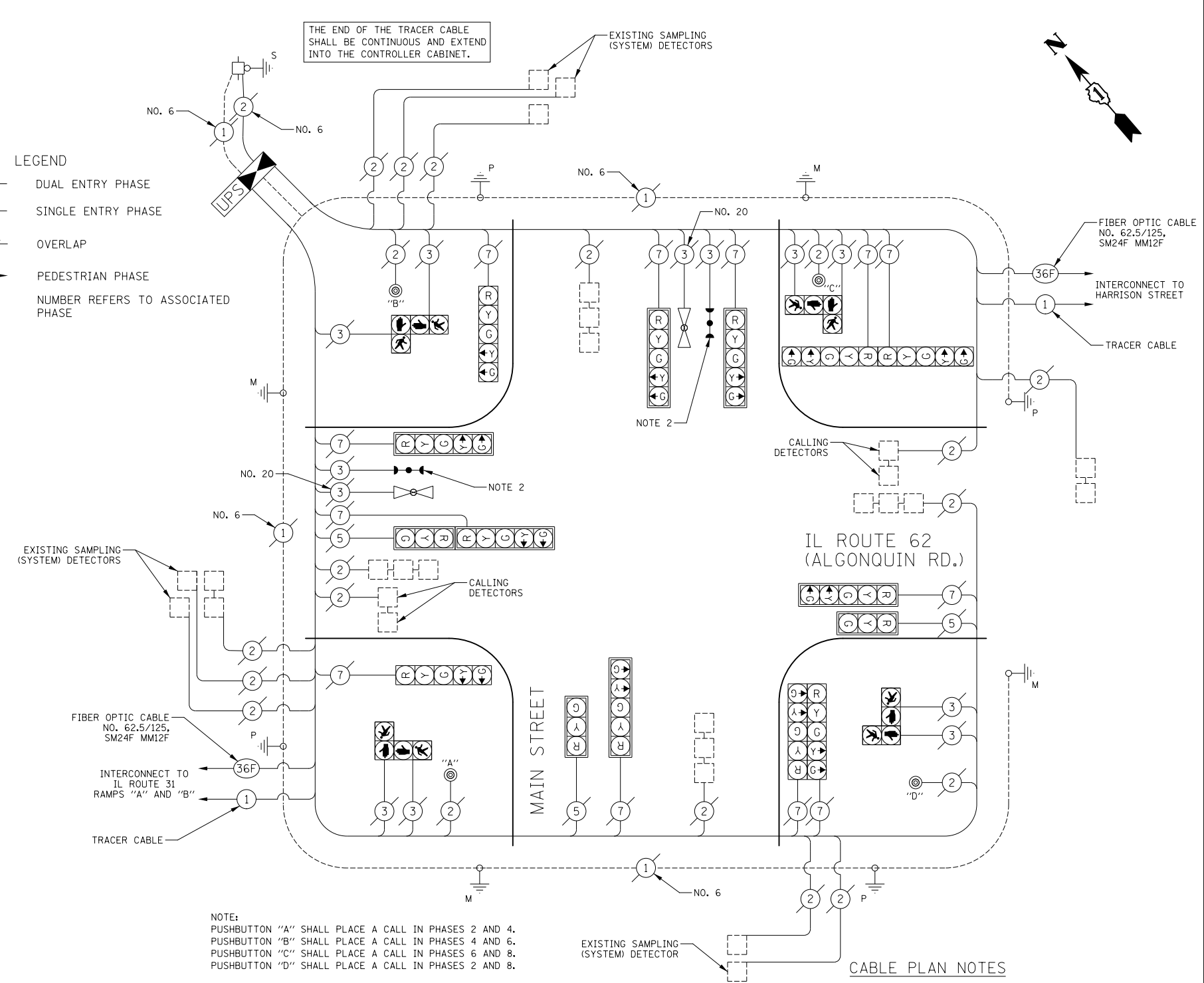
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↓ ↑	← →

PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓ ↑

LEGEND

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



SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QNTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRANSCIVER - FIBER OPTIC	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	15
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1

* 100% COST TO ALGONQUIN-LAKE IN THE HILLS FIRE PROTECTION DISTRICT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RELOCATED TO THE PROPOSED CONTROLLER CABINET. THE CONTRACTOR SHALL SAFELY STORE ALL EQUIPMENT TO BE RELOCATED TO THE PROPOSED CABINET AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH CONTROLLER AND CABINET, COMPLETE

CABLE PLAN NOTES

- A RED-LIGHT ENFORCEMENT CAMERA IS IN OPERATION AT THIS LOCATION. INQUIRIES REGARDING THE ENFORCEMENT CAMERA SHOULD BE DIRECTED TO THE FOLLOWING:
 MUNICIPALITY: WILLIAM J. GANEK
 VILLAGE MANAGER
 VILLAGE OF ALGONQUIN
 (847) 658-2700 x2200
 CAMERA VENDOR: DAVE WADDELL
 ACS
 (630) 335-0415
- REPLACEMENT OF THE EXISTING CONFIRMATION BEACONS WITH NEW LED CONFIRMATION BEACONS SHALL BE INCLUDED IN THE PAY ITEM "UNINTERRUPTABLE POWER SUPPLY, SPECIAL".

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	17	0.50		128
(YELLOW)	15	25	0.25		94
(GREEN)	15	15	0.25		56
ARROW	24	12	0.10		29
PED. SIGNAL	8	25	1.00		200
CONTROLLER	1	100	1.00		100
FLASHER			0.50		
TOTAL =					607

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, IL 60196-1096
 ENERGY SUPPLY: CONTACT: MIKE LENOX
 PHONE: (815) 490-2869
 COMPANY: COM ED

FILE NAME = ... \D160F72-sht-ts-16.dgn	USER NAME = akw	DESIGNED - BRD	REVISED -
		DRAWN - OJT	REVISED -
		CHECKED - JJE	REVISED -
		DATE - 5/3/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
 EMERGENCY VEHICLE PREEMPTION SEQUENCE & SCHEDULE OF QUANTITIES
 IL ROUTE 62 (ALGONQUIN RD.) AT MAIN STREET

SCALE: NO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	278
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				