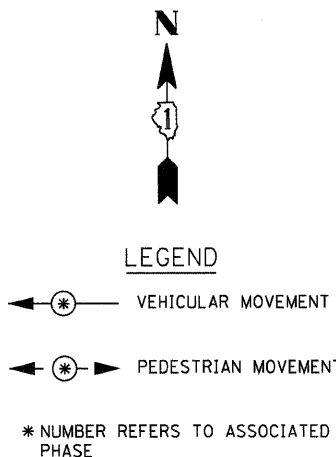
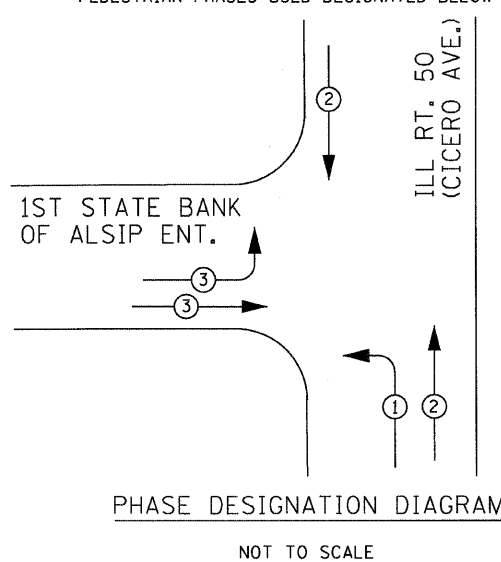


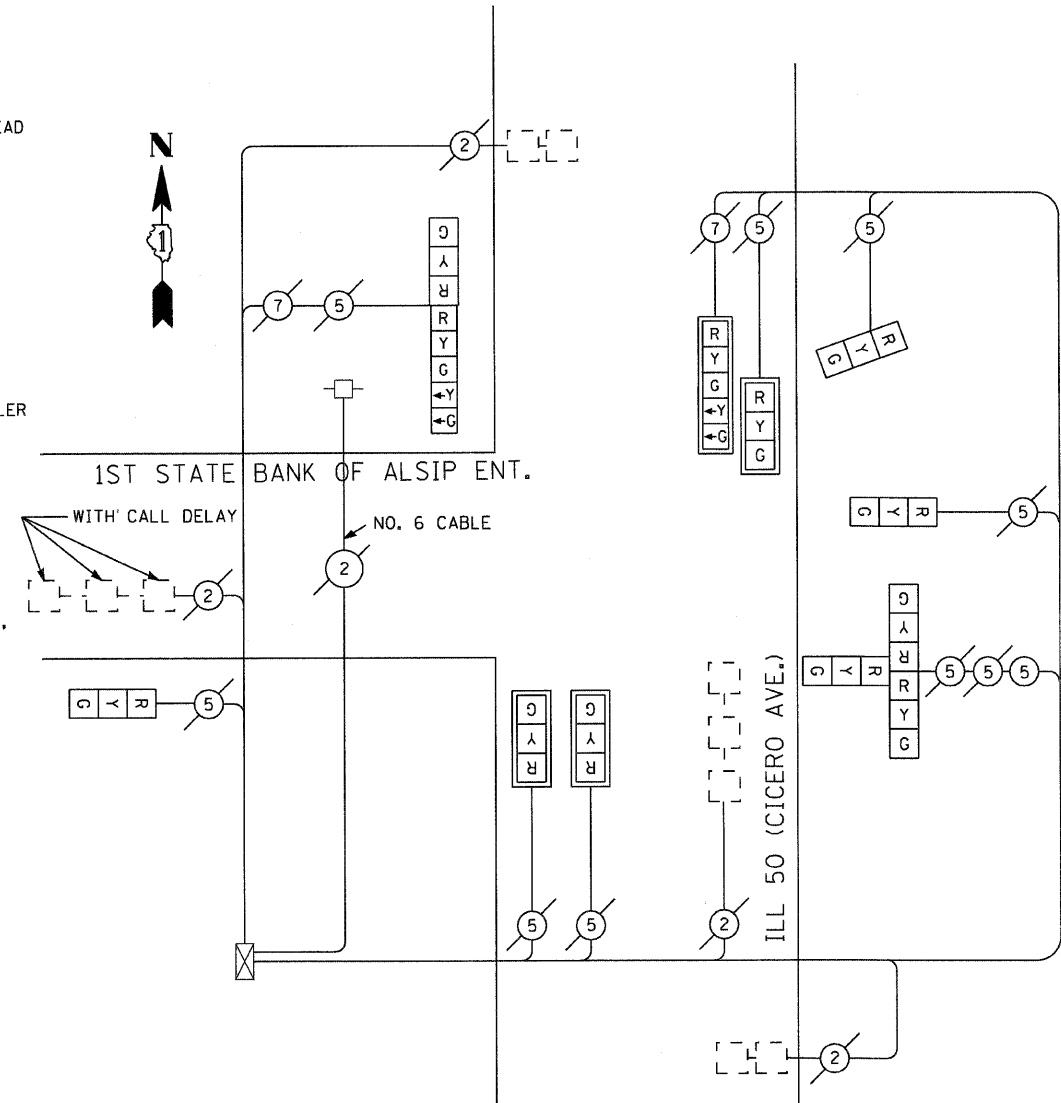
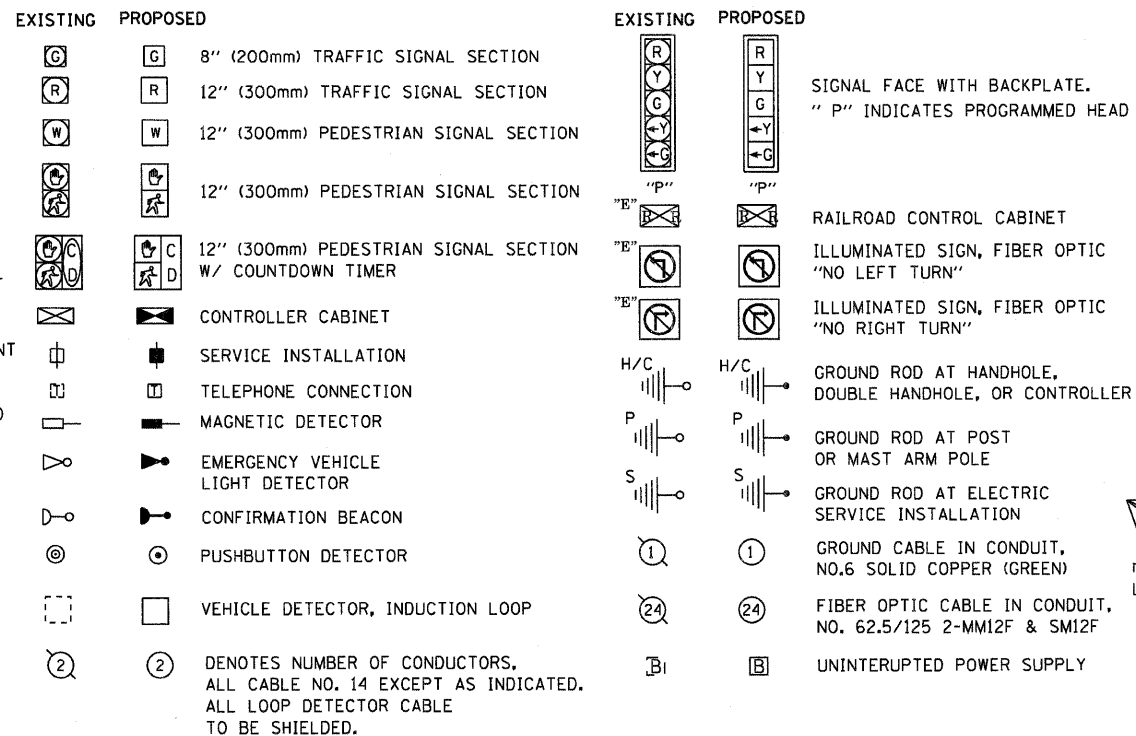
CONTROLLER SEQUENCE IV

CONTROLLER SPECIFIED - FULL ACTUATED CONTROLLER, STANDARD SEQUENCE II, 3 PHASE, IN TYPE III CABINET

REFERRING TO STANDARD 2393-1, THE VEHICULAR AND PEDESTRIAN PHASES USED DESIGNATED BELOW



CABLE PLAN LEGEND



REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

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.

- 9 EACH SIGNAL HEAD, 1 - FACE, 3 - SECTION
- 2 EACH SIGNAL HEAD, 1 - FACE, 5 - SECTION
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH SIGNAL POST

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	134
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, L.E.D., 3-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

FOUNDATION	DEPTH (FT.)	CABLE SLACK (FT.)	VERTICAL (FT.)
TYPE A - POST	4	HANDHOLE	6.5
D - CONTOLLER	4	DOUBLE HANDHOLE	13
E - MAST ARM POLE		SIGNAL POST	2
24"	10	CONTROLLER CAB.	1
30"	15	FIBER OPTIC	13
		ELECTRICAL SERVICE	1
		SERVICE TO GROUND	13.5
		GROUND CABLE	1
		POSTMOUNTED	6

CONSTRUCTION NOTES:

- CONTRACTOR SHALL ADHERE TO PROCEDURES SET FORTH IN THE SPECIAL PROVISIONS FOR TRANSFER OF MAINTENANCE OF THE INTERSECTION.
- AS EXISTING SIGNAL INSTALLATION IS REMAINING OPERATIONAL DURING THIS CONTRACT, ANY DAMAGED EXISTING EQUIPMENT OR EXISTING EQUIPMENT NOT OPERATING PROPERLY FROM ANY CAUSE WHATSOEVER SHALL BE REPAIRED WITH NEW EQUIPMENT PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT AND OR OWNER OF THE TRAFFIC SIGNAL SYSTEM, ALL AS APPROVED BY THE ENGINEER.
- EXISTING CROSSWALKS AND STOP BARS SHALL BE REPLACED WHERE CONFIRMED FOR LOCATIONS BY THE ENGINEER.
- ALL CABINET MODIFICATIONS AND/OR LOAD SWITCH REPLACEMENTS REQUIRED FOR PROPER OPERATION OF LED SIGNAL AND LED CONFIRMATION BEACON INDICATIONS TO THE SATISFACTION OF THE ENGINEER SHALL BE INCIDENTAL TO THE PAY ITEM UNINTERRUPTABLE POWER SUPPLY.

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	WATTAGE		TOTAL
		INCAND.	LED	
SIGNAL (RED)	12	135	17	102
(YELLOW)	12	135	25	75
(GREEN)	12	135	15	45
ARROW	4	135	12	4.8
PED. SIGNAL	0	90	25	0
CONTROLLER	1	100	100	100
ILLUM. SIGN				0.05
FLASHER LED				
TOTAL =				326.8

ENERGY COSTS-
BILLED TO: IDOT DISTRICT 1
201 WEST CENTER COURT
SCHAMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT KEN YOUNG
PHONE (708) 235-2328
COMPANY COMED