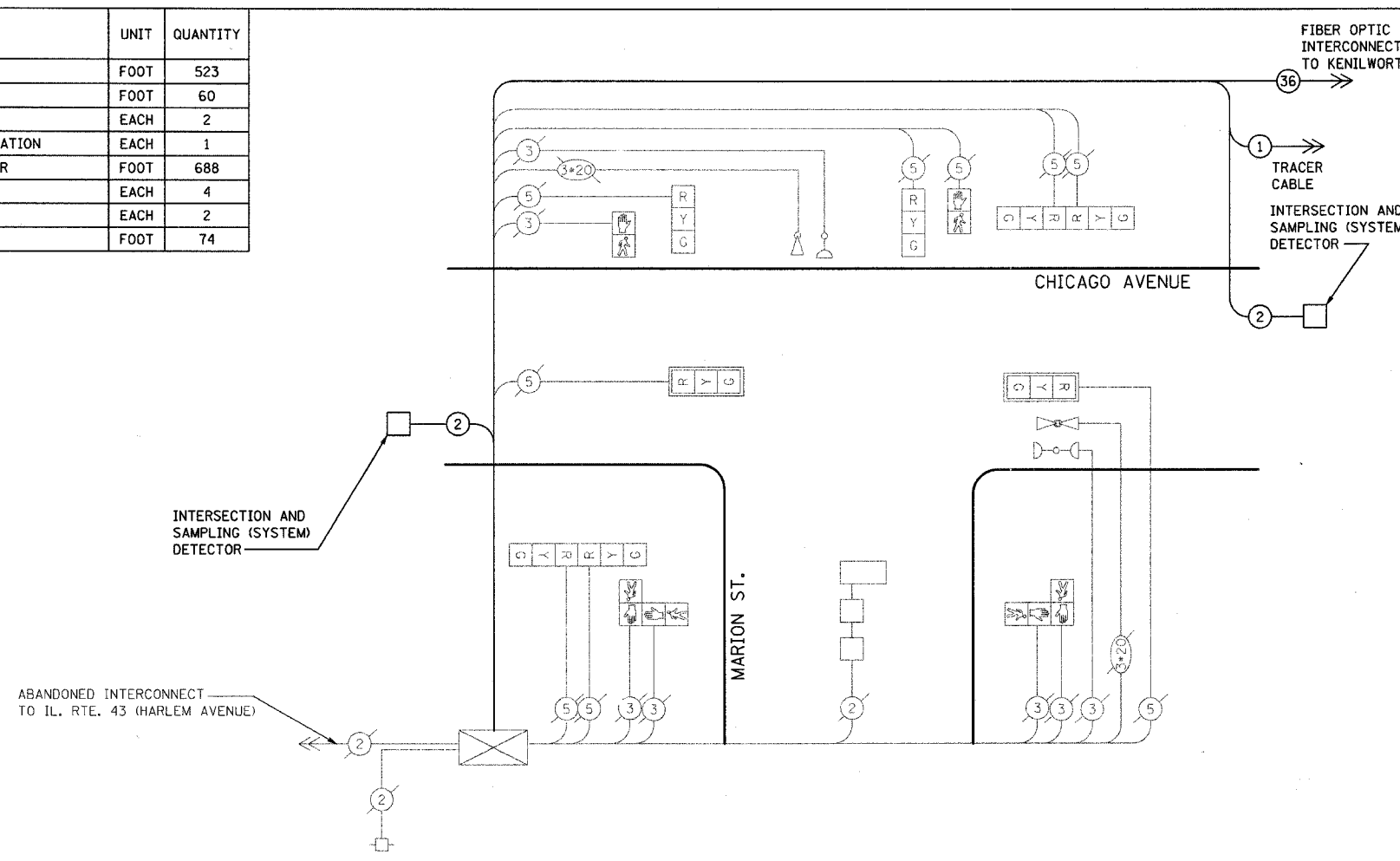


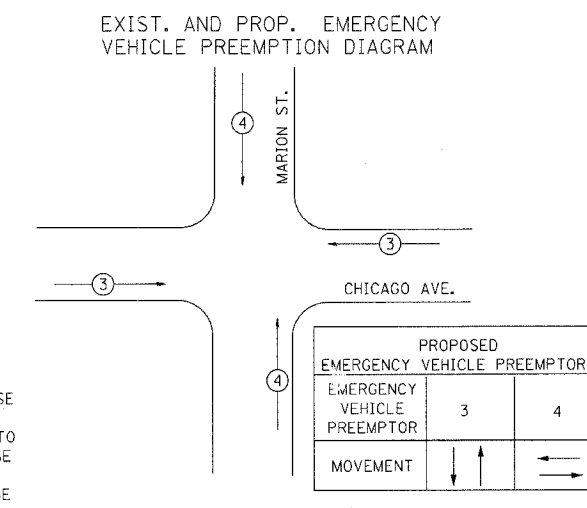
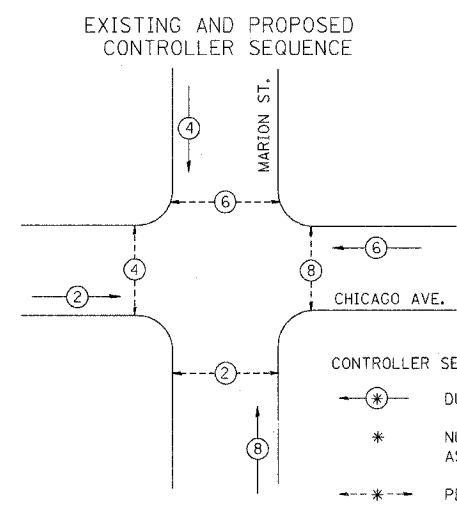
ITEM	UNIT	QUANTITY
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	523
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	60
HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	688
DRILL EXISTING HANDHOLE	EACH	4
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR LOOP, TYPE I	FOOT	74

TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET (TYP)



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION (LETTERS)
		12" (300mm) PEDESTRIAN SIGNAL SECTION (SYMBOLS)
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE INSTALLATION
		VEHICLE DETECTOR, INDUCTIVE LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
		FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F
		SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
		GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
		GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
		GROUND ROD AT ELECTRIC SERVICE INSTALLATION



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

TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	7		17	0.50	59.5
(YELLOW)	7		25	0.25	43.75
(GREEN)	7		15	0.25	26.25
ARROW	0		12	0.10	0
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1		100	1.00	100
ILLUM. SIGN				0.05	0

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2= (6m+L-0.6m)
E - M. ARM POLE		SIGNAL POST	2 (1.0)		
24" (600 mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750 mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

FLASHER 1 0.50 0

ENERGY COSTS TO: TOTAL = 379.5

VILLAGE OF OAK PARK

ENERGY SUPPLY CONTACT: _____

PHONE: _____

COMPANY: Commonwealth Edison



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CHICAGO AVENUE CMAQ

CABLE PLAN

CHICAGO AVENUE & MARION STREET

SCALE: VERT. _____

HORIZ. _____

DATE 5/30/2006

DRAWN BY RCB

CHECKED BY KCV

TIME: 8:28:30 PM

DATE: 5/30/2006

FILENAME: s:\06\751-001\764\004\micr\sh\cable plans\main street.dgn