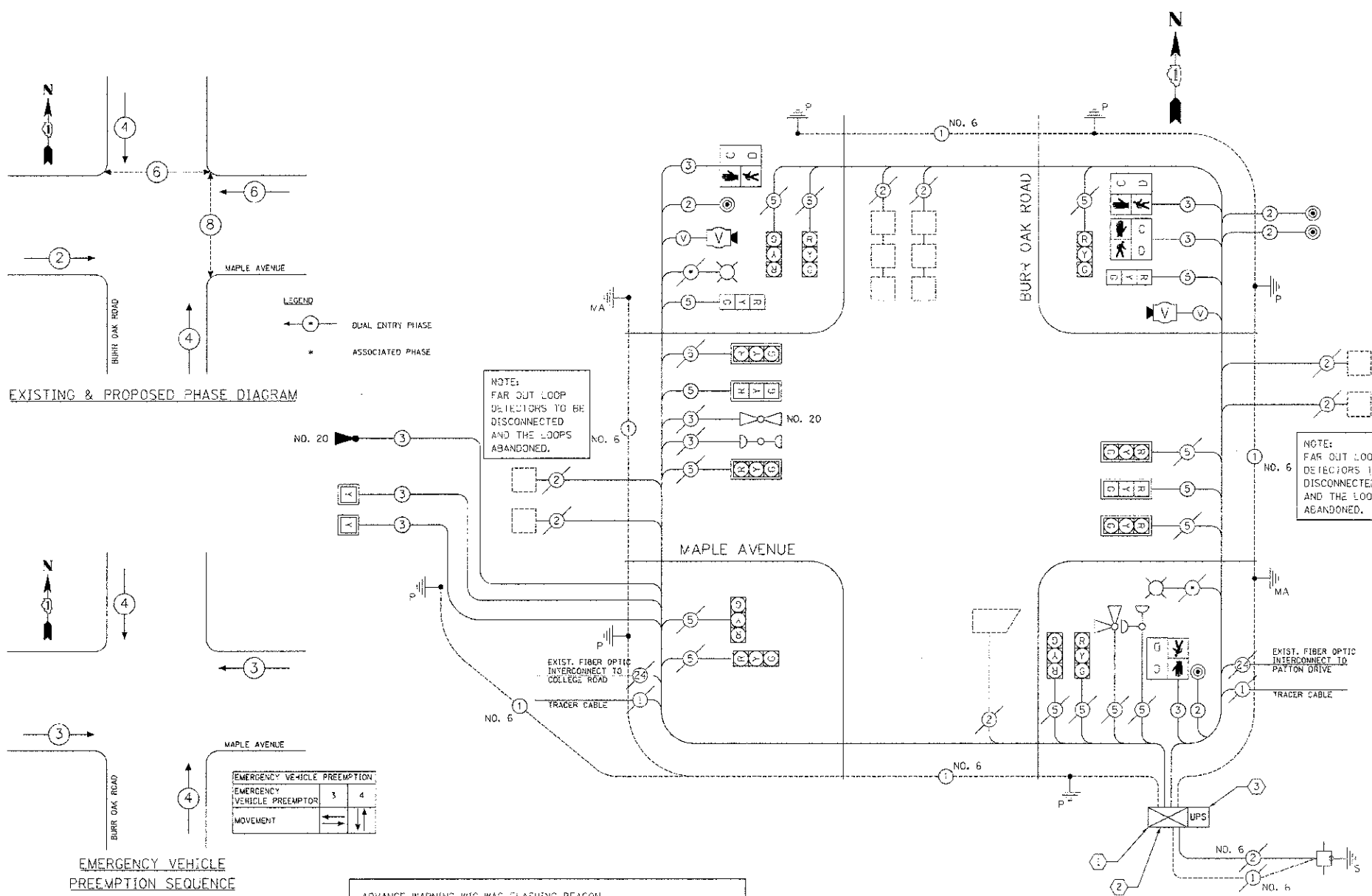


SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL
NON-SPECIAL WASTE DISPOSAL	CUYD	8.2
SPECIAL WASTE PLANS AND REPORTS	LSUM	0.15
SOIL DISPOSAL ANALYSIS	EACH	1
MOBILIZATION	LSUM	0.33
TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	LSUM	0.33
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	0.25
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	8
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	10
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	27
LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	1
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FLASHER CONTROLLER, SPECIAL, WITHOUT CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	671
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2715
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	840
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1769
TRAFFIC SIGNAL POST, 10 FT.	EACH	1
TRAFFIC SIGNAL POST, 18 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	8
LIGHT DETECTOR	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
RELOCATE EXISTING SIGNAL HEAD	EACH	2
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	160
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
VIDEO VEHICLE DETECTION, 2 CAMERAS	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1024
GROUND EXISTING HANDHOLE	EACH	6
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, SPECIAL	EACH	1
CONSTRUCTION LAYOUT	LSUM	0.15

ITEM	UNIT	TOTAL
TRAFFIC SIGNAL BACKPLATE	EACH	8
TRAFFIC SIGNAL POST	EACH	1
SIGNAL HEAD, LED, 1-FACE, 1-3 SECTION, BRACKET MOUNTED	EACH	1



PROPOSED CABLE PLAN

ADVANCE WARNING WIG-WAG FLASHING BEACON OPERATION NOTE:
THE ADVANCE ALTERNATE WIG-WAG FLASHING BEACON OPERATION SHALL COMMENCE AT THE START OF THE PHASE 2 YELLOW AND SHALL CONTINUE TO FLASH DURING THE PHASE 2 YELLOW AND RED INTERVALS.
THE ADVANCE WARNING FLASHER SHALL TURN OFF AT THE START OF THE PHASE 2 GREEN.

- CONSTRUCTION NOTES:
- REPLACE EXISTING ASC/2 CONTROLLER WITH NEW ASC/3 CONTROLLER.
 - FLASHING BEACON WILL BE CONTROLLED BY IS2-TYPE 1 CONTROLLER USING LOGIC IN THE CONTROLLER AND A DEDICATED T52 FLASHER.
 - INSTALL UNINTERRUPTIBLE POWER SUPPLY.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOG, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

DUPAGE COUNTY D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	15		17	0.50	127.5
SIGNAL (YELLOW)	15		25	0.25	93.8
SIGNAL (GREEN)	15		15	0.25	56.3
ARROW	0		12	0.70	0.0
FLASHER	2		25	0.50	25.0
VIDEO DETECTION	1	75		1.00	75.0
CONTROLLER	1	100		1.00	100.0
LUMINAIRE	2	310		0.50	310.0
TOTAL =					787.5

FILE NAME: 22123-ent-Maple & Burr Oak-cable plan	USER NAME: hwhh	DESIGNED: DF	REVISED: 02-06-13 HLR
		DRAWN: BF	REVISED: 03-18-13 DPCDOT
		CHECKED: JS	REVISED:
		DATE: 12-13-12	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PROPOSED CABLE PLAN & SEQUENCE OF OPERATIONS
MAPLE AVENUE & BURR OAK ROAD

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

F.A.L. R.T.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00232-06-SP	DUPAGE	21	19
	ILL. PROJECT NO. 12.0123.350			CONTRACT NO. 63777
		ILLINOIS, IED, AND PROJECT		