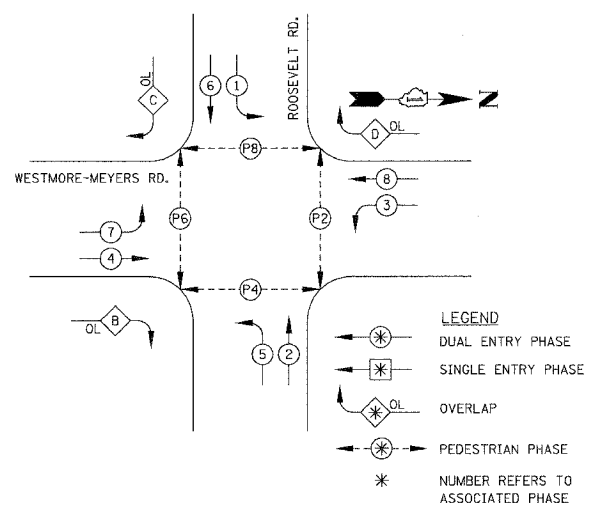


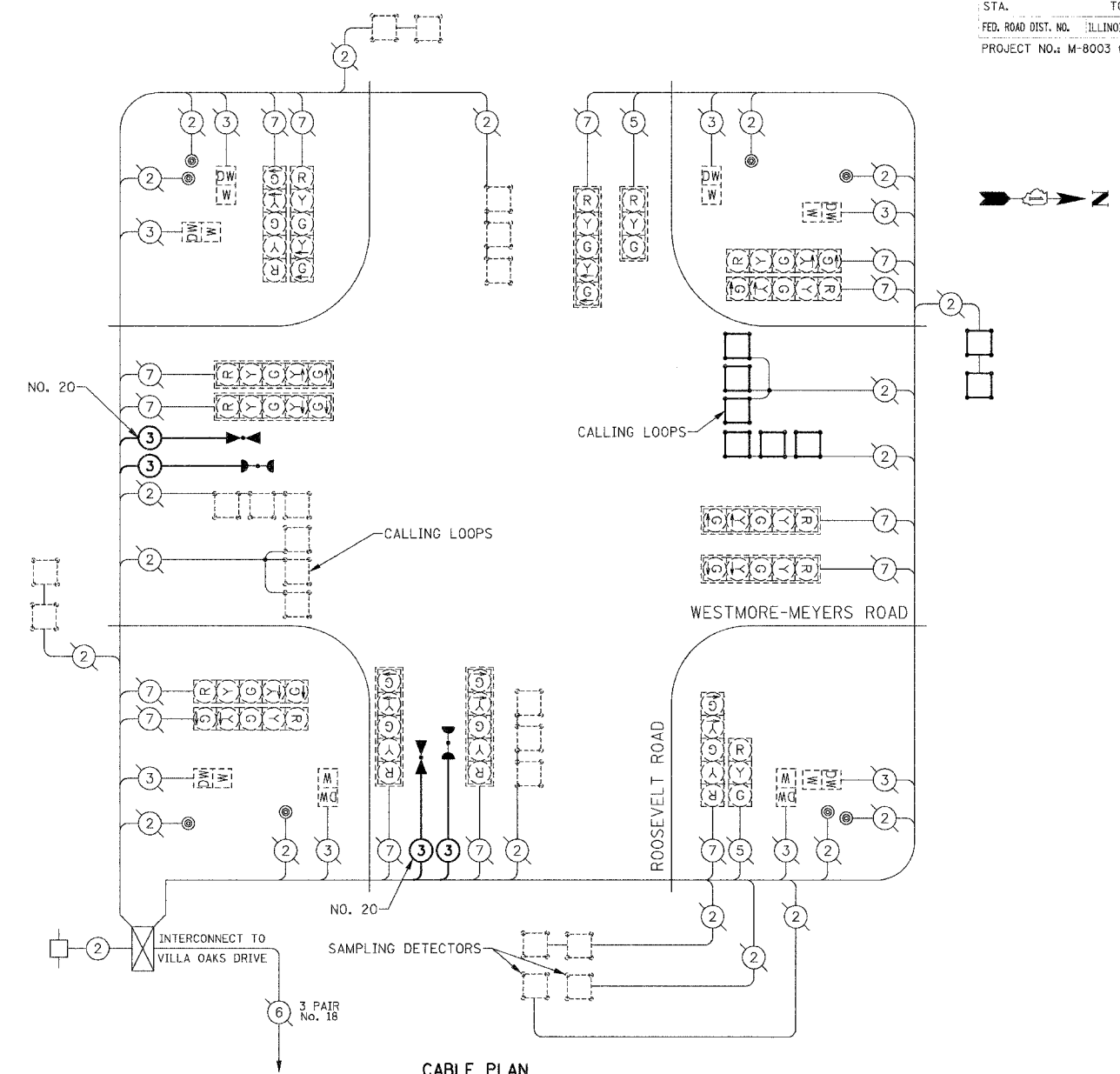
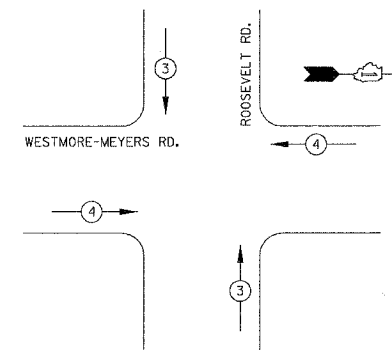
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
263B 00-00139-00-RS	DUPAGE	ILLINOIS	68	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PROJECT NO.: M-8003 (663)				

PHASE DESIGNATION DIAGRAM/CONTROLLER SEQUENCE



- | EXISTING | PROPOSED |   |
|----------|----------|---|
| (C)      | (G)      | 8" (200mm) TRAFFIC SIGNAL SECTION                       |
| (R)      | (R)      | 12" (300mm) TRAFFIC SIGNAL SECTION                      |
| (W)      | (W)      | 12" (300mm) PEDESTRIAN SIGNAL SECTION                   |
| (G)      | (G)      | LEFT TURN GREEN   |
| (Y)      | (Y)      | LEFT TURN YELLOW  |
| (DW)     | (DW)     | 12" (300mm) PEDESTRIAN SIGNAL SECTION                   |
| (W)      | (W)      |   |
| (X)      | (X)      | CONTROLLER  |
| (S)      | (S)      | SERVICE INSTALLATION                                    |
| (T)      | (T)      | TELEPHONE CONNECTION                                    |
| (L)      | (L)      | DETECTOR LOOP   |
| (V)      | (V)      | EMERGENCY VEHICLE LIGHT DETECTOR                        |
| (B)      | (B)      | CONFIRMATION BEACON                                     |
| (P)      | (P)      | PEDESTRIAN PUSHBUTTON DETECTOR                          |
| (2)      | (2)      | DENOTES NUMBER OF CONDUCTORS                            |
| (1)      | (1)      | ALL CABLE NO. 14 EXCEPT AS INDICATED.                   |
| (24)     | (24)     | ALL LOOP DETECTOR CABLE TO BE SHIELDED.                 |
| (R)      | (R)      | GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)     |
| (24)     | (24)     | FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MMI2F SMI2F |
| (R)      | (R)      | RAILROAD CONTROL CABINET                                |
| (R)      | (R)      | SIGNAL FACE WITH BACKPLATE                              |
| (R)      | (R)      | "P" INDICATES PROGRAMMED HEAD.                          |
| (N)      | (N)      | ILLUMINATED SIGN "NO LEFT TURN"                         |
| (N)      | (N)      | ILLUMINATED SIGN "NO RIGHT TURN"                        |
| (A)      | (A)      | RADIO INTERCONNECT ANTENNA                              |
| (I)      | (I)      | IMAGE SENSOR  |
| (#)      | (#)      | COAXIAL CABLE   |

EMERGENCY VEHICLE PREEMPTION SEQUENCE



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QTY
DETECTOR LOOP, TYPE 1	FOOT	318
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1

\* FUNDING SHALL BE 100% VILLAGE OF LOMBARD.

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	16	135		0.50	1080.00
(YELLOW)	16	135		0.25	540.00
(GREEN)	16	135		0.25	540.00
ARROW	28	135		0.10	378.00
PED. SIGNAL	8		25	1.00	200.00
CONTROLLER	1	100		1.00	100.00
DET. CAMERA	1	25		1.00	25.00
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 2863.00

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=	
C - M. ARM POLE			SIGNAL POST	2	(0.6)		(6m±L-0.6m)=	
24" (600mm)	10	(3.0)	CONTROLLER CAB.	1	(0.5)	BRACKET MOUNTED	13	(4.0)
30" (750mm)	15	(4.6)	FIBER OPTIC	13	(4.0)	PED. PUSHBUTTON	4	(1.2)
			ELECTRIC SERVICE	1	(0.5)	ELECTRIC SERVICE	13.5	(4.1)
			GROUND CABLE	1	(0.5)	SERVICE TO GROUND	13.5	(4.1)
						POST MOUNTED	6	(1.8)

STATE OF ILLINOIS  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60195-1096

ENERGY SUPPLY: CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 COMPANY: COMMONWEALTH EDISON

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		VILLAGE OF LOMBARD WESTMORE/MEYERS RESURFACING PROJECT
		TRAFFIC SIGNAL CABLE PLAN, SCHEDULE OF QUANTITIES AND SEQUENCE OF OPERATIONS ROOSEVELT ROAD
		SCALE: N.T.S.
		DATE: 01/31/07
		DRAWN BY: JMT
		CHECKED BY: DEM