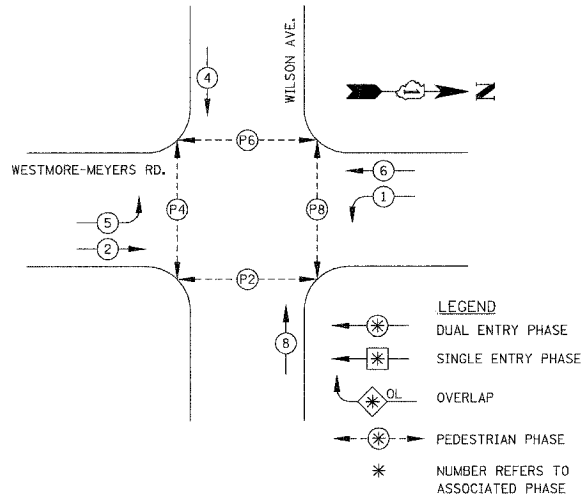
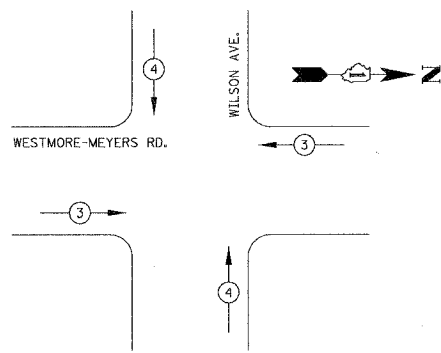


| | | |
|---------------------|---------------------------|--------------|
| F.A.U. SECTION | COUNTY | TOTAL SHEETS |
| 2638 00-00139-00-RS | DUPAGE | 68 |
| STA. | TO STA. | 51 |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | |
| | PROJECT NO. M-8003 (663) | |

PHASE DESIGNATION DIAGRAM/CONTROLLER SEQUENCE



EMERGENCY VEHICLE PREEMPTION SEQUENCE

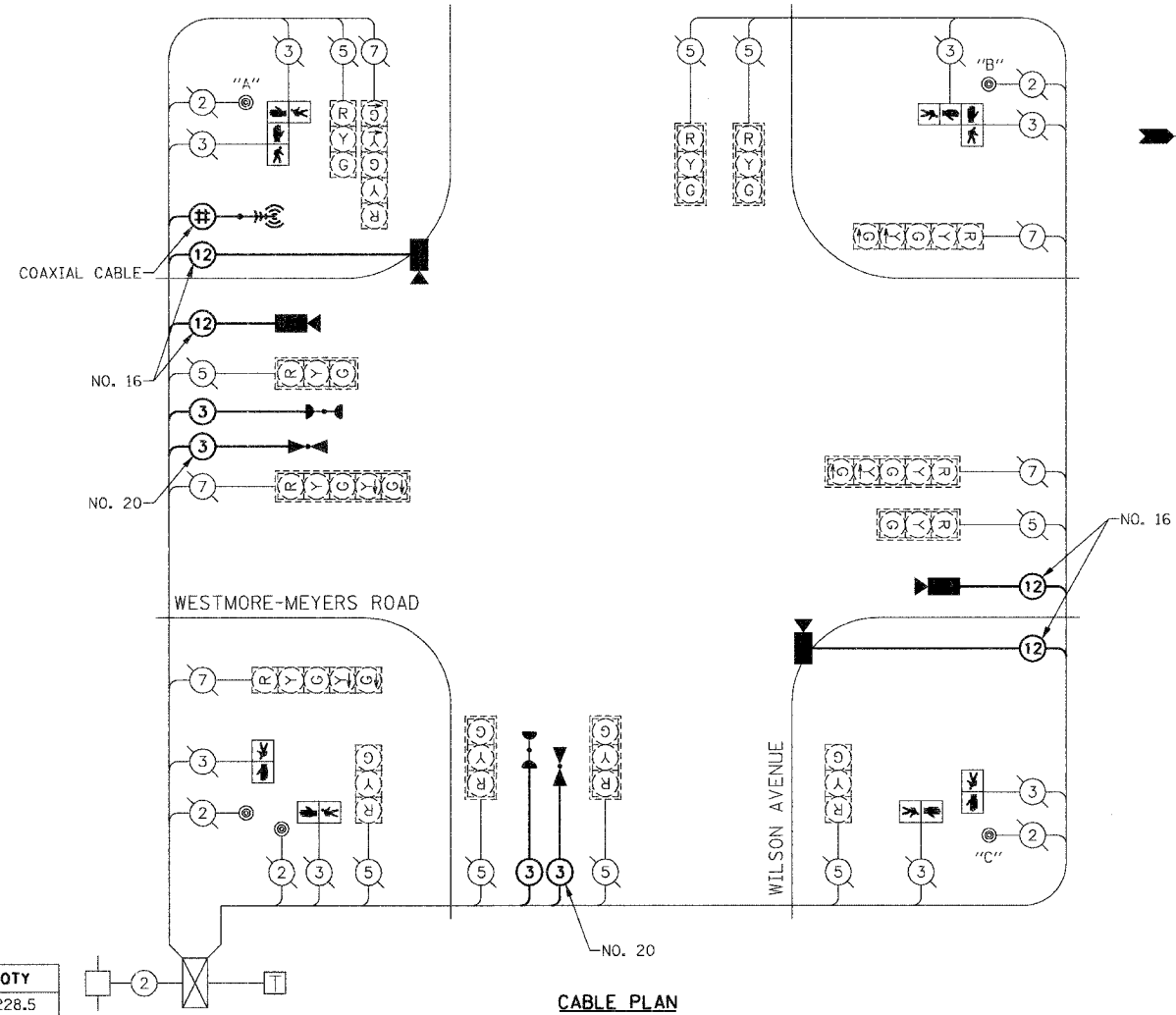


| | | |
|-----------------------------|-----|-----|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | ← → | ↑ ↓ |

- | EXISTING | PROPOSED | |
|----------|----------|-----------------------------------------|
| | | 8" (200mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) TRAFFIC SIGNAL SECTION |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| | | LEFT TURN GREEN |
| | | LEFT TURN YELLOW |
| | | 12" (300mm) PEDESTRIAN SIGNAL SECTION |
| | | CONTROLLER |
| | | SERVICE INSTALLATION |
| | | TELEPHONE CONNECTION |
| | | DETECTOR LOOP |
| | | EMERGENCY VEHICLE LIGHT DETECTOR |
| | | CONFIRMATION BEACON |
| | | PEDESTRIAN PUSHBUTTON DETECTOR |
| | | 2 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-MMI2F SM12F |
| | | RAILROAD CONTROL CABINET |
| | | SIGNAL FACE WITH BACKPLATE |
| | | "P" INDICATES PROGRAMMED HEAD. |
| | | ILLUMINATED SIGN |
| | | "NO LEFT TURN" |
| | | ILLUMINATED SIGN |
| | | "NO RIGHT TURN" |
| | | RADIO INTERCONNECT ANTENNA |
| | | IMAGE SENSOR |
| | | COAXIAL CABLE |

SCHEDULE OF QUANTITIES

| DESCRIPTION | UNIT | QTY |
|-----------------------------------------------------------|------|-------|
| COAXIAL CABLE IN CONDUIT | FOOT | 228.5 |
| ANTENNA, YAGI, 900 MHZ | EACH | 1 |
| RADIO TRANSCEIVER | EACH | 1 |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| MODIFY EXISTING CONTROLLER | EACH | 1 |
| PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED | EACH | 8 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| CONDUIT, PUSHED, 4" DIA., GALVANIZED STEEL | FOOT | 170 |
| ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 16 PAIR | FOOT | 602 |
| ELECTRIC CABLE IN CONDUIT, NO. 20, 3/C, TWISTED, SHIELDED | FOOT | 228.5 |
| DRILL EXISTING HANDHOLE | EACH | 4 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C | FOOT | 228.5 |
| LIGHT DETECTOR | EACH | 2 |
| LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 2 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 1359 |
| VIDEO DETECTION SYSTEM, COMPLETE INTERSECTION | EACH | 1 |
| VIDEO TRANSMISSION SYSTEM | EACH | 1 |



NOTE:
 PUSHBUTTON "A" SHALL PLACE A CALL TO PHASES 4 & 6.
 PUSHBUTTON "B" SHALL PLACE A CALL TO PHASES 6 & 8.
 PUSHBUTTON "C" SHALL PLACE A CALL TO PHASES 2 & 8.

| TYPE | NO. LAMPS | WATTAGE INCAND. | LED | % OPERATION | TOTAL WATTAGE |
|------------------|-----------|-----------------|-----|-------------|-----------------|
| SIGNAL (RED) | 14 | 135 | | 0.50 | 945.00 |
| (YELLOW) | 14 | 135 | | 0.25 | 472.50 |
| (GREEN) | 14 | 135 | | 0.25 | 472.50 |
| ARROW | 10 | 135 | | 0.10 | 135.00 |
| PED. SIGNAL | 8 | | 25 | 1.00 | 200.00 |
| CONTROLLER | 1 | 100 | | 1.00 | 100.00 |
| DET. CAMERA | 4 | 25 | | 1.00 | 100.00 |
| FLASHER | | | | 0.50 | |
| ENERGY COSTS TO: | | | | | TOTAL = 2425.00 |

VILLAGE OF LOMBARD
 255 E. WILSON AVENUE
 LOMBARD, ILLINOIS 60148-3931
 ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: COMMONWEALTH EDISON

| FOUNDATION (DEPTH) | FT. | (m) | CABLE SLACK | FT. | (m) | VERTICAL | FT. | (m) |
|--------------------|-----|-------|------------------|-----|-------|-------------------|----------|-------|
| D - 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 | (1.0) | (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) |

| 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 WILSON AVENUE SCALE: N.T.S. DATE: 01/31/07 DRAWN BY: JMT CHECKED BY: DEM |
| | | |
| | | |
| | | |
| | | |