



**CABLE PLAN**  
(NOT TO SCALE)

- CONSTRUCTION NOTE:**
- CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM EQUIPMENTS TO THE PROPOSED MAST ARM.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

| I.D.O.T.<br>TRAFFIC SIGNAL INSTALLATION<br>ELECTRICAL SERVICE REQUIREMENTS  |          |     |         |     |            | TOTAL<br>WATTAGE |
|---|----------|-----|---------|-----|------------|------------------|
| TYPE  | NO LAMPS |     | WATTAGE |     | %OPERATION |                  |
|   | INCAND.  | LED | INCAND. | LED |            |                  |
| SIGNAL (RED)  | 21       |     | 17      |     | 0.50       | 178.50           |
| (YELLOW)  | 21       |     |         | 25  | 0.25       | 131.25           |
| (GREEN)   | 21       |     | 15      |     | 0.25       | 78.75            |
| ARROW   | 24       |     | 12      |     | 0.10       | 28.80            |
| PED. SIGNAL   | 6        |     |         | 25  | 1.00       | 150.00           |
| CONTROLLER  | 1        |     |         | 100 | 1.00       | 100.00           |
| ILLUM. SIGN   |          |     |         | 25  | 0.05       |                  |
| VIDEO SYSTEM  | 1        |     | 150     |     | 1.00       | 150.00           |
| FLASHER   |          |     |         |     | 0.50       |                  |
| ENERGY COSTS TO:  |          |     |         |     |            | TOTAL = 817.30   |
| ILLINOIS DEPARTMENT OF TRANSPORTATION<br>201 WEST CENTER COURT<br>SCHAUMBURG, ILLINOIS 60196-1096<br>ENERGY SUPPLY CONTACT: DEB RANKIN<br>PHONE: (630) 691-4379<br>COMPANY: COMMONWEALTH EDISON |          |     |         |     |            |                  |

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 24-OCT-2013 04:17:58



|                                 |                   |           |
|---------------------------------|-------------------|-----------|
| USER NAME = mgrvinda            | DESIGNED - MG     | REVISED - |
| PLOT SCALE = 48.000000:1.000000 | DRAWN - MG        | REVISED - |
| PLOT DATE = 24-OCT-2013 14:17   | CHECKED - KGP     | REVISED - |
|                                 | DATE - 10/25/2013 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,  
AND TEMPORARY EMERGENCY VEHICLE PREEPMTION SEQUENCE OF OPERATION  
ILLINOIS ROUTE 64 (NORTH AVENUE) AT VILLA AVENUE  
SCALE: AS NOTED SHEET NO. 14 OF 26 SHEETS STA. TO STA.

|                           |         |        |              |           |
|---------------------------|---------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 307                       | 131B-BR | DUPAGE | 111          | 57        |
| CONTRACT NO. 60V24        |         |        |              |           |
| ILLINOIS FED. AID PROJECT |         |        |              |           |