

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

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

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

| TYPE           | NO. LAMPS | WATTAGE INCAND. | LED | %OPERATION | TOTAL WATTAGE |
|----------------|-----------|-----------------|-----|------------|---------------|
| SIGNAL (RED)   | 14        | -               | 17  | 0.50       | 119.0         |
| (YELLOW)       | 14        | -               | 25  | 0.25       | 87.5          |
| (GREEN)        | 18        | -               | 15  | 0.25       | 67.5          |
| ARROW          | -         | -               | 12  | 0.10       | -             |
| PED. SIGNAL    | -         | -               | -   | 1.00       | -             |
| CONTROLLER     | 1         | 100             | -   | 1.00       | 100.0         |
| ILLUM. SIGN    | -         | -               | -   | 0.50       | -             |
| VIDEO SYSTEM   | -         | -               | -   | 1.00       | -             |
| BATTERY BACKUP | 1         | 25              | -   | 1.00       | 25.0          |
| LUMINAIRE      | -         | -               | -   | 0.50       | -             |
| FLASHER        | -         | -               | -   | 0.50       | -             |
| <b>TOTAL =</b> |           |                 |     |            | <b>399.0</b>  |

ENERGY COSTS- **BILLED TO: IDOT DISTRICT 1**  
201 WEST CENTER COURT  
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY- **CONTACT TERRI BLECK**  
PHONE **847-816-5239**  
**COMMONWEALTH EDISON**

**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**  
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH TRAFFIC SIGNAL POST
- 3 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 1 EACH SIGNAL HEAD, 1-FACE, 4-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 3-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-4 SECTION
- 2 EACH SIGNAL HEAD, 3-FACE, 2-3 SECTION, 1-4 SECTION

**SCHEDULE OF QUANTITIES**

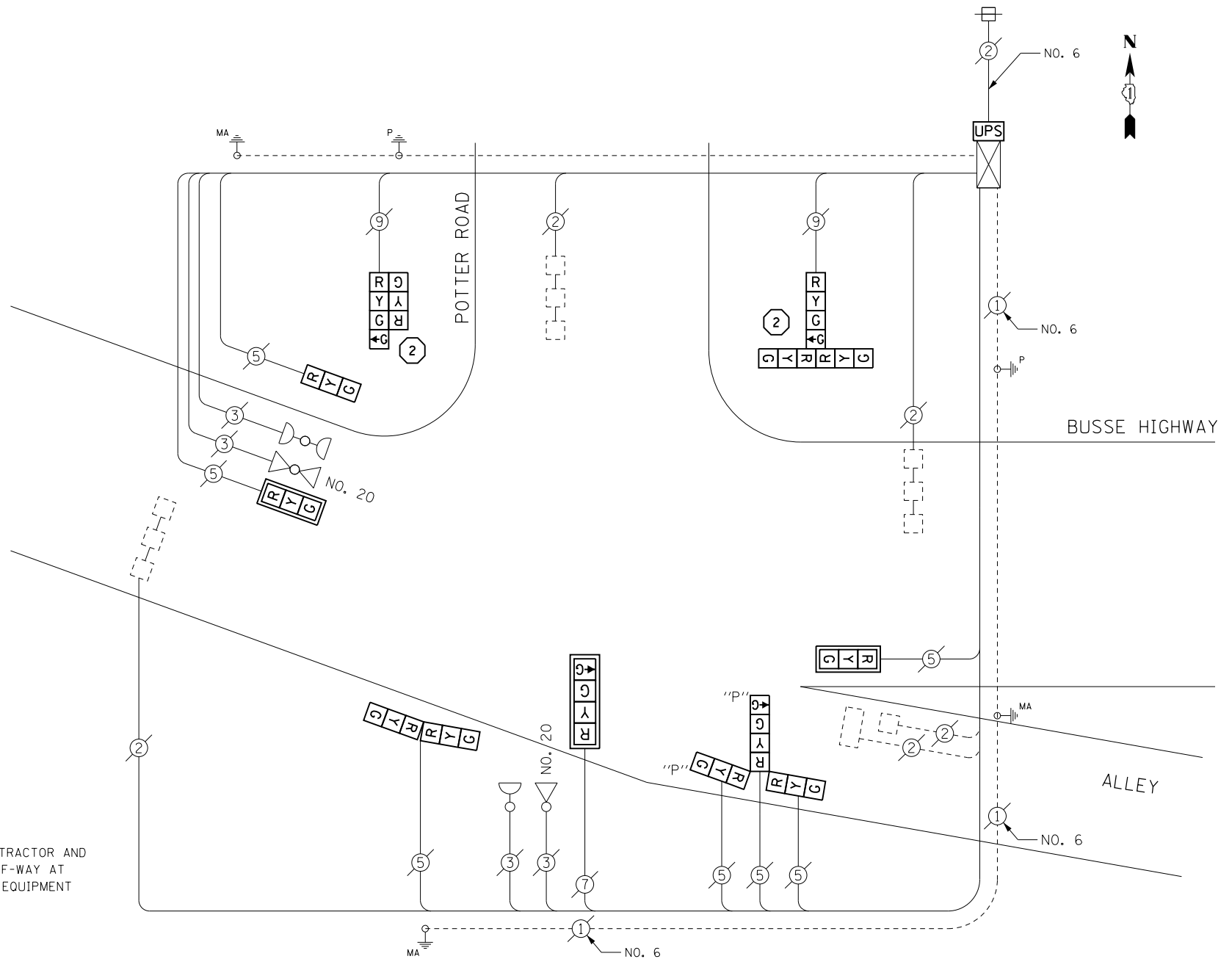
| ITEMS  | UNIT | QUANTITY |
|--|------|----------|
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION  | EACH | 1        |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.   | EACH | 2        |
| SIGNAL HEAD, LED, 3-FACE, 2-3 SECTION, 1-4 SECTION, BRACKET MOUNTED  | EACH | 1        |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED  | EACH | 2        |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED   | EACH | 1        |
| SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED  | EACH | 1        |
| SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED   | EACH | 1        |
| SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED  | EACH | 1        |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM   | EACH | 3        |
| MODIFY EXISTING CONTROLLER CABINET   | EACH | 1        |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT   | EACH | 1        |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL  | EACH | 1        |
| COMBINATION SIGNAL HEAD, LED, 3-FACE, 1-3 SECTION OPTICALLY PROGRAMMED, 1-4 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED | EACH | 1        |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION NOTES**

- 2 THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 15 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.

TS 4245  
PARK RIDGE



CABLE PLAN

|                                     |                             |                   |           |
|-------------------------------------|-----------------------------|-------------------|-----------|
| FILE NAME = D:\60X82-sht-TS4245.dgn | USER NAME = SJohnson        | DESIGNED - PHL    | REVISED - |
| Default                             | PLOT SCALE = 40.0000' / in. | DRAWN - PHL       | REVISED - |
|                                     | PLOT DATE = 3/21/2014       | CHECKED - BKS     | REVISED - |
|                                     |                             | DATE - 03/09/2014 | REVISED - |

|  |       |           |              |
|--|-------|-----------|--------------|
| <b>BUSSE HIGHWAY AT POTTER ROAD - CABLE PLAN</b>                       |       |           |              |
| <b>SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM &amp; EVP SEQUENCE</b> |       |           |              |
| SCALE:   | SHEET | OF SHEETS | STA. TO STA. |

|                           |            |        |              |           |
|---------------------------|------------|--------|--------------|-----------|
| F.A. RTE.                 | SECTION    | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | 2014-007TS | COOK   | 88           | 65        |
| CONTRACT NO. 60X82        |            |        |              |           |
| ILLINOIS FED. AID PROJECT |            |        |              |           |