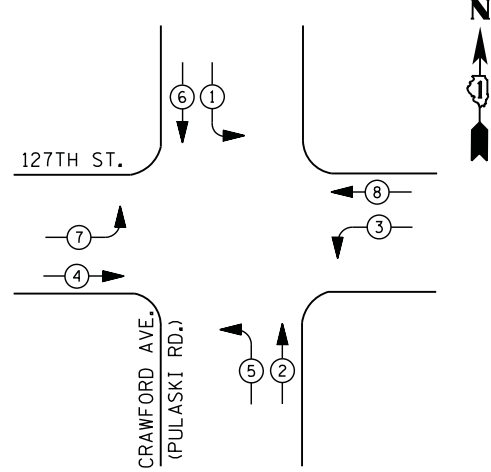
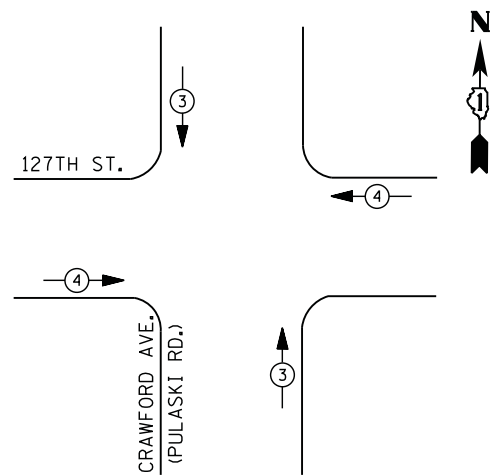




**CONTROLLER SEQUENCE**



**PHASE DESIGNATION DIAGRAM**



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

| EMERGENCY VEHICLE PREEMPTORS |        |        |
|------------------------------|--------|--------|
| EMERGENCY VEHICLE PREEMPTOR  | 3      | 4      |
| MOVEMENT                     | ↑<br>↓ | ←<br>→ |

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

| TYPE           | NO. LAMPS | WATTAGE |     | % OPERATIONS | TOTAL WATTAGE |
|----------------|-----------|---------|-----|--------------|---------------|
|                |           | INCAND. | LED |              |               |
| SIGNAL ( RED ) | 16        | 135     | 17  | 0.50         | 136           |
| ( YELLOW )     | 16        | 135     | 25  | 0.25         | 100           |
| ( GREEN )      | 16        | 135     | 15  | 0.25         | 60            |
| ARROW          | 16        | 135     | 12  | 0.10         | 20            |
| PED. SIGNAL    |           | 90      | 25  | 1.00         |               |
| CONTROLLER     | 1         | 100     | 100 | 1.00         | 100           |
| ILLUM. SIGN    |           | 252     | 25  | 0.05         |               |
| VIDEO SYSTEM   |           | 150     | -   | 1.00         |               |
| FLASHER LED    |           |         |     |              |               |
| TOTAL =        |           |         |     |              | 416           |

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

ENERGY SUPPLY - **CONTACT ILYAS MOHIUDDIN**  
 PHONE 708-235-2692  
 COMMONWEALTH EDISON

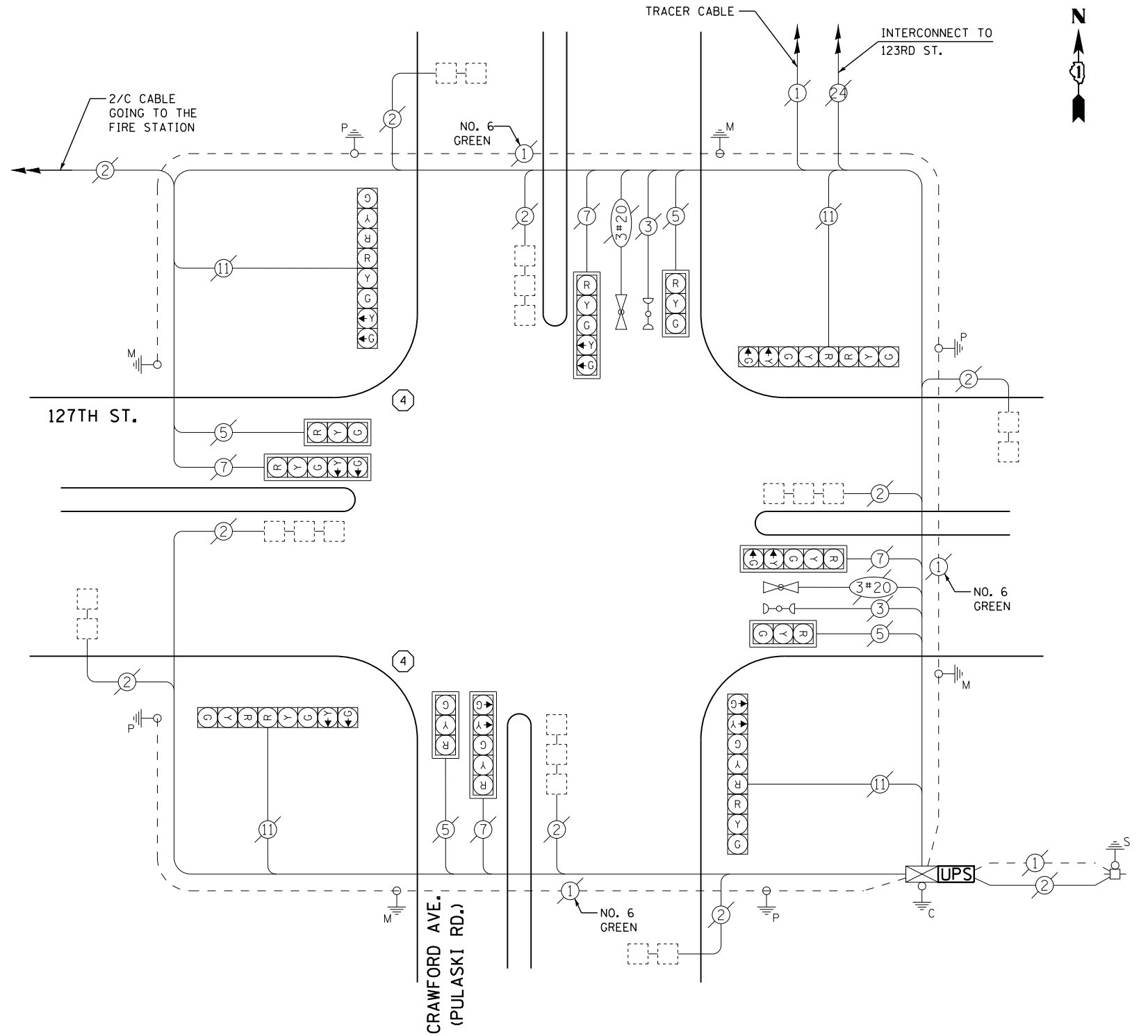
**LEGEND**

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- NUMBER REFERS TO ASSOCIATED PHASE

- 1 REPLACE 10 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 2 REPLACE 14 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 3 REPLACE 15 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 4 REPLACE 16 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.
- 5 REPLACE 18 FT. PAINTED POST. RE-USE EXISTING  
TYPE A CONCRETE FOUNDATION.

**SCHEDULE OF QUANTITIES**

| QUANTITY | UNIT | ITEM  |
|----------|------|---|
| 1        | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 2        | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.        |
| 1        | EACH | MODIFY EXISTING CONTROLLER CABINET                  |
| 1        | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT            |
| 1        | EACH | REMOVE AND REPLACE ANCHOR BOLTS                     |
| 1        | EACH | UNINTERRUPTABLE POWER SUPPLY, SPECIAL               |



**CABLE PLAN**

**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 SIGNAL POST

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**127TH STREET AT CRAWFORD AVENUE (PULASKI ROAD)  
SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

| F.A. RTE.          | SECTION    | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|------------|--------|--------------|-----------|
|                    | 2014-043TS | COOK   | 61           | 25        |
| CONTRACT NO. 60Y41 |            |        |              |           |

TS #3990  
ALSIP

FILE NAME = M:\p\2014\1481\2103 PTB 168-011 SINGH IDOT VAR-VAR\WD14-002 South Cook Co. LED-65 Design\CAD\Sheet Files\3990 CAB.C00K.dgn