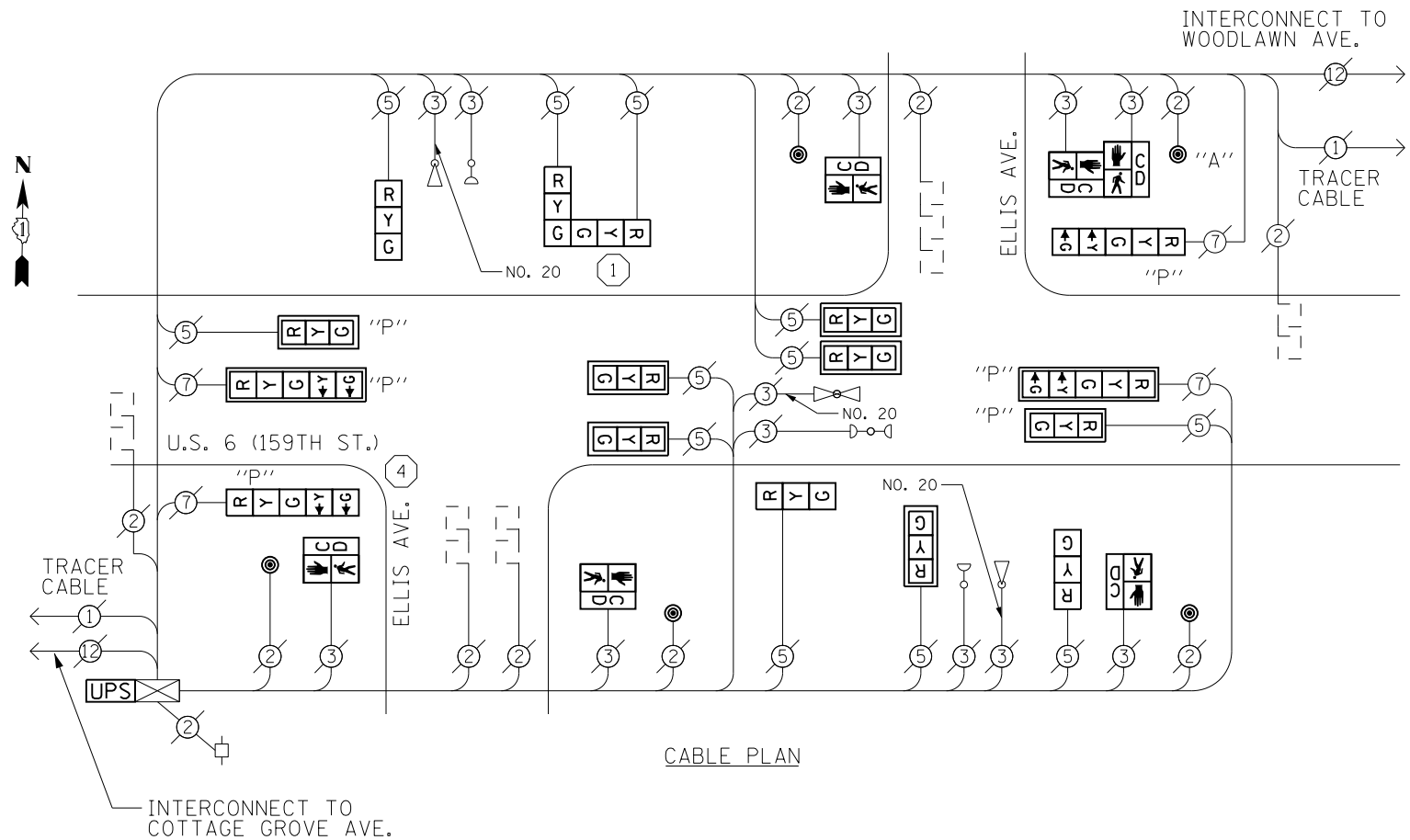


- ① THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 14 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.
- ④ THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC SIGNAL POST WITH THE PROPOSED TRAFFIC SIGNAL POST, 18 FT. AND ATTACH THE PROPOSED POST TO THE EXISTING FOUNDATION.

NOTES

- 1) ALL COSTS RELATED TO ATTACHING THE POSTS TO THE EXISTING FOUNDATION SHALL BE INCLUDED IN THE UNIT COST OF TRAFFIC SIGNAL POST OF THE SIZE SPECIFIED
- 2) PRIOR TO REMOVING ANY TRAFFIC SIGNAL POST SPECIFIED TO BE REPLACED IN THE SAME LOCATION THE CONTRACTOR SHALL VERIFY THAT THE PATTERN, SPACING, AND CONDITION OF THE EXISTING BOLTS ARE SUITABLE FOR RE-USE WITH A NEW POST. IF THE BOLTS ARE NOT USABLE, REPLACE AS DIRECTED BY THE ENGINEER.
- 3) THE CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM POSTS THAT ARE INDICATED FOR REPLACEMENT TO THE NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE UNIT COST OF TRAFFIC SIGNAL POST OF THE SIZE SPECIFIED.



CABLE PLAN

NOTE: PUSHBUTTON "A" SHALL PLACE A CALL TO PHASES 3 & 6

UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO PHYSICAL CONSTRAINT, OR AS DIRECTED BY THE ENGINEER.

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

| I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | |
|---|-----------|------------------------|------------|------------------|
| | NO. LAMPS | WATTAGE INCAND. LED | %OPERATION | TOTAL WATTAGE |
| SIGNAL (RED) | 16 | 17 | 0.50 | 136.0 |
| (YELLOW) | 16 | 25 | 0.25 | 100.0 |
| (GREEN) | 16 | 15 | 0.25 | 60.0 |
| ARROW | 8 | 12 | 0.10 | 9.6 |
| PED SIGNAL | 6 | 25 | 1.00 | 150.0 |
| CONTROLLER | 1 | 100 | 1.00 | 100.0 |
| VIDEO SYSTEM | | 150 | 1.00 | 0 |
| BATTERY BACKUP | 1 | 25 | 1.00 | 25.0 |
| TOTAL = | | | | 580.6 |

**SCHEDULE OF QUANTITIES
ITEM**

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT. | EACH | 1 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 5 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 3 |
| SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1 |
| OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 2 |
| OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 2 |
| OPTICALLY PROGRAMMED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 4 |
| PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 1 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM | EACH | 9 |
| MODIFY EXISTING CONTROLLER CABINET | EACH | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON, NON-LATCHING | EACH | 5 |

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.

| | | |
|----|------|--------------------------------|
| 4 | EACH | PEDESTRIAN SIGNAL HEAD, 1-FACE |
| 1 | EACH | PEDESTRIAN SIGNAL HEAD, 2-FACE |
| 5 | EACH | PEDESTRIAN PUSH BUTTON |
| 10 | EACH | SIGNAL HEAD, 1-FACE, 3-SECTION |
| 4 | EACH | SIGNAL HEAD, 1-FACE, 5-SECTION |
| 1 | EACH | SIGNAL HEAD, 2-FACE, 3-SECTION |
| 2 | EACH | STEEL POST |

TS #225
SOUTH HOLLAND

| | | | |
|--------------------------|-----------------------------|--------------|-----------|
| FILE NAME = | USER NAME = Brian Scifers | DESIGNED KJP | REVISED - |
| D160X24-sht-ts.TS225.dgn | | DRAWN DLW | REVISED - |
| Default | PLOT SCALE = 40.0000' / in. | CHECKED BKS | REVISED - |
| | PLOT DATE = 10/8/2013 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| SCHEDULE OF QUANTITIES AND CABLE PLAN US RTE. 6 (159TH ST) AT ELLIS AVE. | | | |
|---|-------|-----------|--------------|
| SCALE: | SHEET | OF SHEETS | STA. TO STA. |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|--------------|
| | 2013-052TS | COOK | 87 | 83 |
| | | | | CONTRACT NO. |
| ILLINOIS FED. AID PROJECT | | | | |