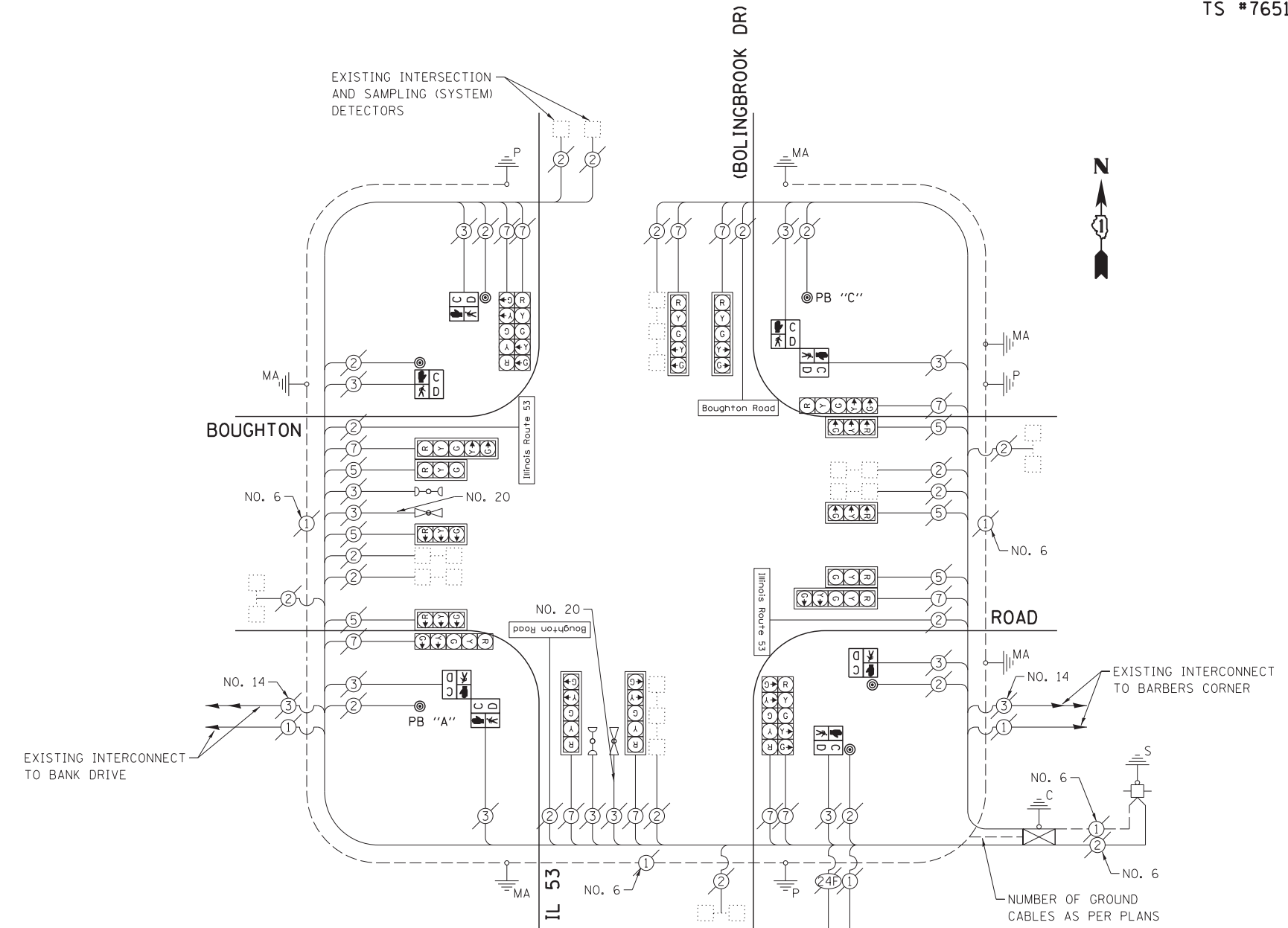


SCHEDULE OF QUANTITIES
IL 53 (BOLINGBROOK DR) AT BOUGHTON ROAD

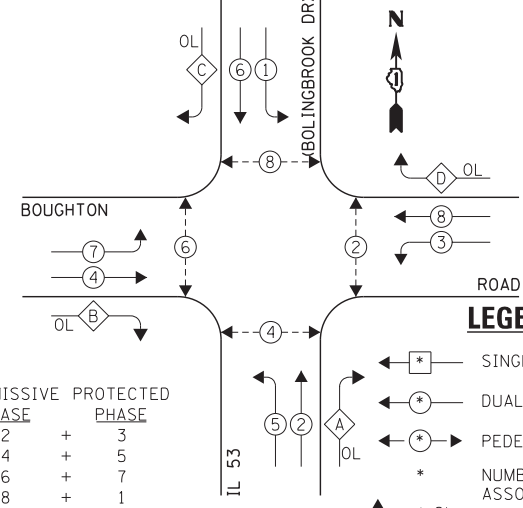
| NO. | QUANT. | UNIT | DESCRIPTION |
|-----|--------|------|---|
| 1. | 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 2. | 4 | EACH | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER |
| 3. | 2 | EACH | PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER |
| 4. | 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| 5. | 6 | EACH | PEDESTRIAN PUSH-BUTTON, NON-LATCHING |



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
- 2 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE
- 6 EACH PEDESTRIAN PUSH-BUTTON

EXISTING CONTROLLER SEQUENCE



CABLE PLAN

EXISTING INTERCONNECT TO ROBINHOOD WAY

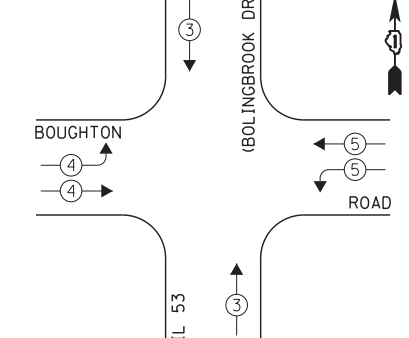
NOTE:

THE EXISTING CONTROLLER IS AN ECONOLITE ASC/2S-1000 IN A TYPE V CABINET. EXISTING UPS UNIT LOCATED IN EXISTING CABINET.

NOTE:

PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 4 AND 6.
PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 2 AND 8.

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



| EXISTING EMERGENCY VEHICLE PREEMPTORS | | | |
|---------------------------------------|---|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 | 5 |
| MOVEMENT | ↑ | ↑ | ↑ |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|-----------|---------|--------|-----------|---------------|
| TYPE | NO. LAMPS | INCAND. | L.E.D. | OPERATION | |
| SIGNAL (RED) | 18 | 135 | 17 | 0.50 | 153.0 |
| SIGNAL (YELLOW) | 18 | 135 | 25 | 0.25 | 112.5 |
| SIGNAL (GREEN) | 18 | 135 | 15 | 0.25 | 67.5 |
| ARROW | 24 | 135 | 12 | 0.10 | 28.8 |
| PED. SIGNAL | 8 | 90 | 25 | 1.00 | 200.0 |
| CONTROLLER | 1 | - | 100 | 1.00 | 100.0 |
| LUMINAIRE | - | - | 250 | 0.50 | - |
| L.E.D. ST. NAME SIGN | 4 | - | 64 | 0.50 | 128.0 |
| VIDEO SYSTEM | - | - | 150 | 1.00 | - |
| BATTERY BACKUP | 1 | - | 25 | 1.00 | 25.0 |
| ILLUMINATED SIGN | - | - | 25 | 0.05 | - |
| TOTAL = | | | | | 814.8 |

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

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION (ADDRESS) 201 W. CENTER COURT (ADDRESS) SCHAMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: IL YAS MOHIUDDIN (PHONE) 708-235-2692 (COMPANY) COMED - BOLINGBROOK

| | | | |
|---|-----------------------|-----------------|-----------|
| FILE NAME = 60W21-016-IL53(Bolingbrook Dr)@Boughton | USER NAME = gwhitten | DESIGNED - JRD | REVISED - |
| 60W21-016 | PLOT SCALE = 1:200 | DRAWN - GW3 | REVISED - |
| | PLOT DATE = 3/28/2013 | CHECKED - KLB | REVISED - |
| | | DATE - 03-28-13 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL 53 (BOLINGBROOK DR) AT BOUGHTON ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR | 2013-003-I | WILL | 89 | 16 |
| CONTRACT NO. 60W21 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |