

SCHEDULE OF QUANTITIES
U. S. 30 (CASS ST) AT IL 53 (SCOTT ST)

| NO. | QUANT. | UNIT | DESCRIPTION |
|-----|--------|------|---|
| 1. | 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 2. | 1 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT. |
| 3. | 1 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. |
| 4. | 1 | EACH | RELOCATE EXISTING SIGNAL HEAD |
| 5. | 4 | EACH | RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD |
| 6. | 4 | EACH | RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON |
| 7. | 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 8. | 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| 9. | 1 | EACH | UNINTERRUPTIBLE POWER SUPPLY, SPECIAL |

NOTE:

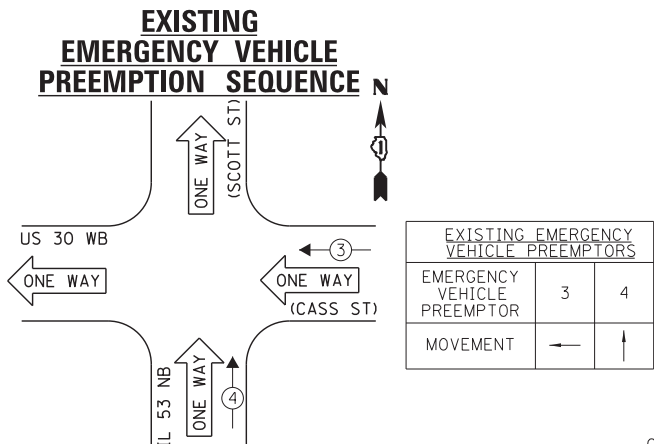
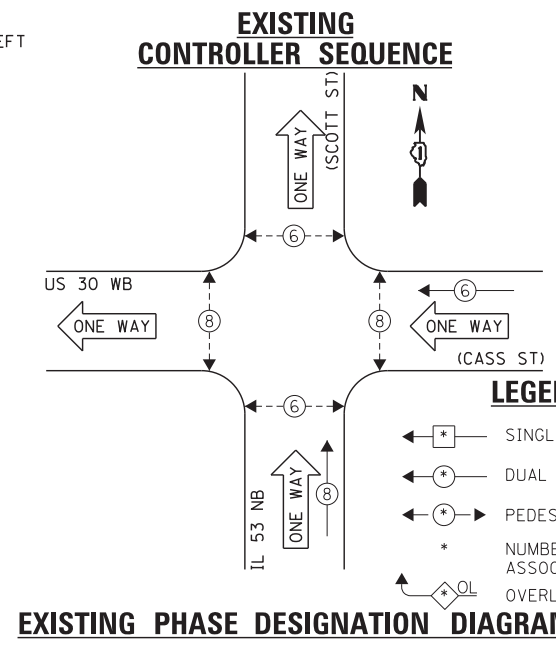
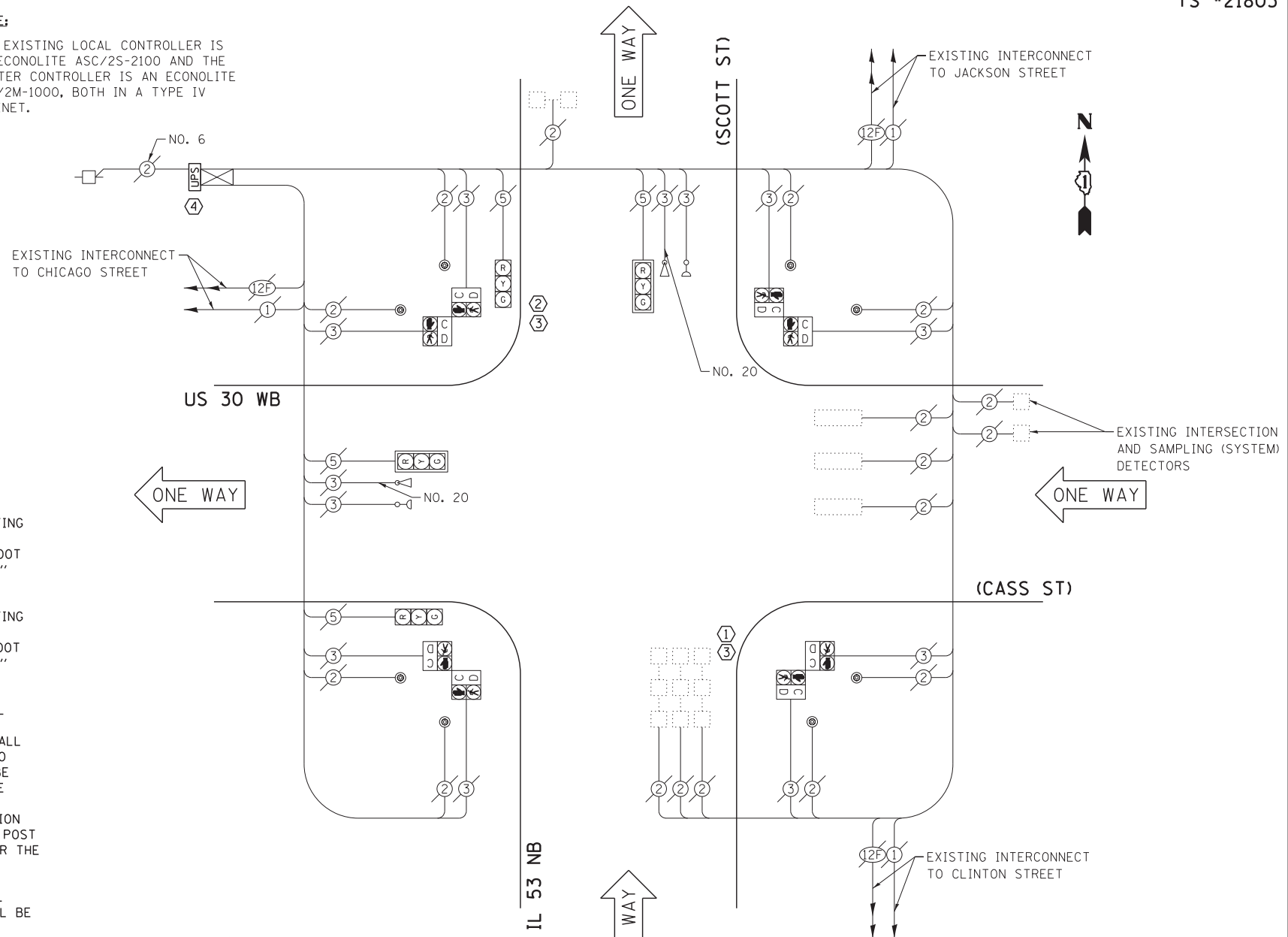
THE EXISTING LOCAL CONTROLLER IS AN ECONOLITE ASC/2S-2100 AND THE MASTER CONTROLLER IS AN ECONOLITE ASC/2M-1000, BOTH IN A TYPE IV CABINET.

CONSTRUCTION NOTE:

- ① REMOVE EXISTING SIGNAL HEADS AND REPLACE EXISTING 10 FOOT PAINTED POST. INSTALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS ON NEW 10 FOOT GALVANIZED STEEL POST. REUSE EXISTING TYPE "A" CONCRETE FOUNDATION AND EXISTING CABLES.
- ② REMOVE EXISTING SIGNAL HEADS AND REPLACE EXISTING 14 FOOT PAINTED POST. INSTALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS ON NEW 14 FOOT GALVANIZED STEEL POST. REUSE EXISTING TYPE "A" CONCRETE FOUNDATION AND EXISTING CABLES.
- ③ AT LOCATIONS ON THE PLANS WHERE TRAFFIC SIGNAL POST REMOVAL AND NEW TRAFFIC SIGNAL POST INSTALLATIONS ARE SPECIFIED, THE CONTRACTOR SHALL INSPECT THE EXISTING POST FOUNDATIONS. PRIOR TO REMOVING THE EXISTING TRAFFIC SIGNAL POST TO BE REPLACED, THE CONTRACTOR SHALL VERIFY THAT THE EXISTING CONDITION OF THE ANCHOR BOLT IS ACCEPTABLE. IF THE EXISTING ANCHOR BOLT CONDITION IS NOT ACCEPTABLE, THE EXISTING TRAFFIC SIGNAL POST SHALL REMAIN IN PLACE AND NOT BE REMOVED AFTER THE CONTRACTOR HAS VERIFIED THE CONDITION OF THE ANCHOR BOLT WITH THE ENGINEER. THE CONTRACTOR SHALL BE PAID FOR THE NUMBER OF TRAFFIC SIGNAL POSTS INSTALLED AND NO OTHER COMPENSATION WILL BE PROVIDED.
- ④ INSTALL UNINTERRUPTIBLE POWER SUPPLY (UPS) ON LEFT SIDE OF THE EXISTING CONTROLLER CABINET.

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



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

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|-----------|---------|--------|-----------|---------------|
| TYPE | NO. LAMPS | INCAND. | L.E.D. | OPERATION | |
| SIGNAL (RED) | 4 | 135 | 17 | 0.50 | 34.0 |
| SIGNAL (YELLOW) | 4 | 135 | 25 | 0.25 | 25.0 |
| SIGNAL (GREEN) | 4 | 135 | 15 | 0.25 | 15.0 |
| ARROW | - | 135 | 12 | 0.10 | - |
| 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 | - | - | 64 | 0.50 | - |
| VIDEO SYSTEM | - | - | 150 | 1.00 | - |
| BATTERY BACKUP | 1 | - | 25 | 1.00 | 25.0 |
| ILLUMINATED SIGN | - | - | 25 | 0.05 | - |
| TOTAL = | | | | | 399.0 |

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) SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: TIM COSLET
PHONE: 815-724-5010
COMPANY: COMED - JOLIET

| | | | |
|---|-----------------------|-----------------|-----------|
| FILE NAME = 60W21-050-US30(Cass St)IL53(Scott St).dgn | USER NAME = gwhitten | DESIGNED - JRD | REVISED - |
| 60W21-050 | PLOT SCALE = 1:20 | 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
US 30 WB (CASS ST) AT IL 53 NB (SCOTT ST)

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR | 2013-003-I | WILL | 89 | 50 |
| CONTRACT NO. 60W21 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |