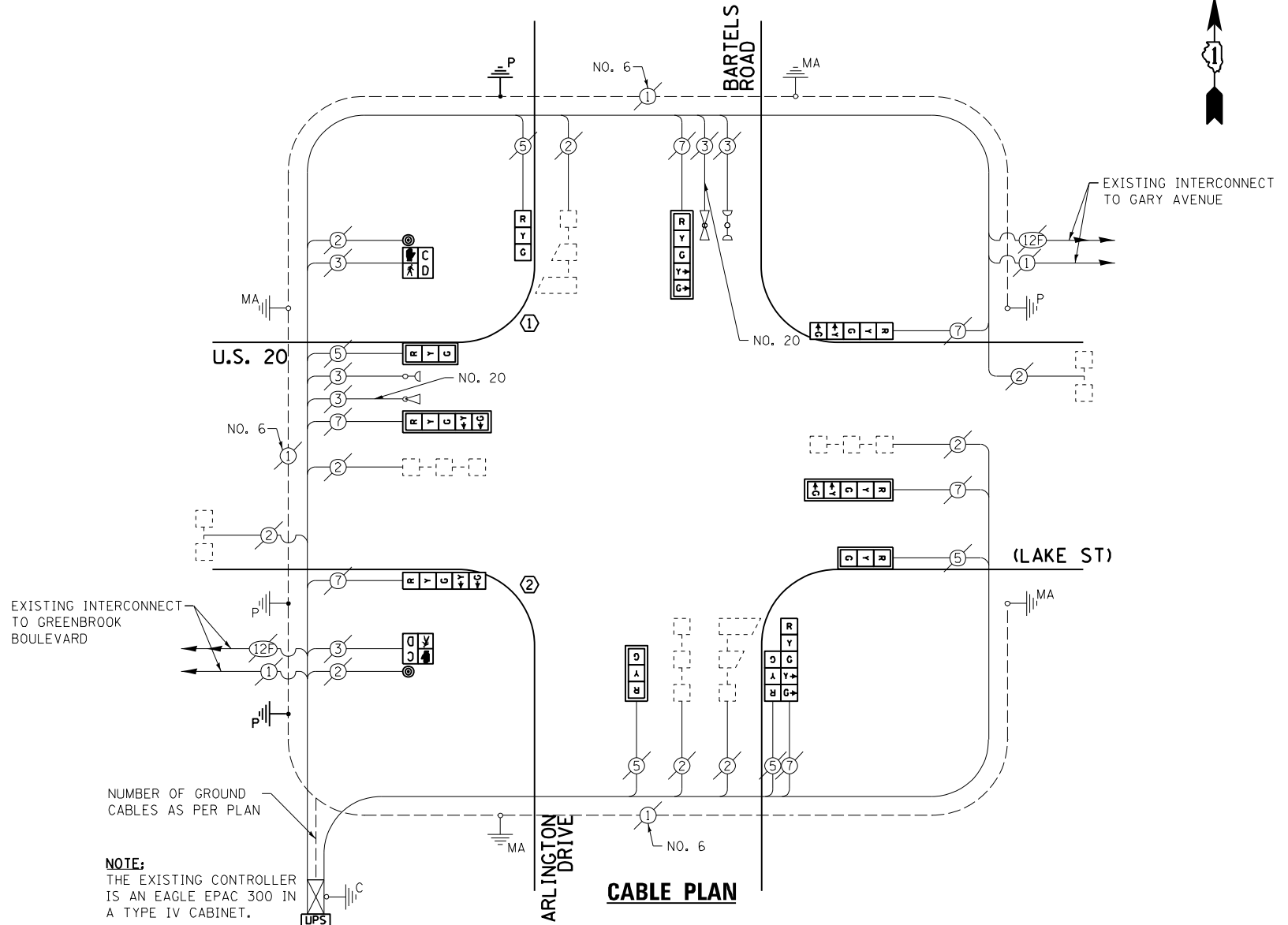


SCHEDULE OF QUANTITIES
U.S. 20 (LAKE ST) AT BARTELS ROAD / ARLINGTON DRIVE

| NO. | QUANT. | UNIT | DESCRIPTION |
|-----|--------|------|---|
| 1. | 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 2. | 1 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. |
| 3. | 1 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. |
| 4. | 3 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED |
| 5. | 1 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED |
| 6. | 2 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED |
| 7. | 3 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED |
| 8. | 1 | EACH | SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED |
| 9. | 2 | EACH | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER |
| 10. | 6 | EACH | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM |
| 11. | 2 | EACH | PEDESTRIAN PUSH-BUTTON |
| 12. | 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 13. | 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| 14. | 1 | EACH | UNINTERRUPTIBLE POWER SUPPLY, SPECIAL |



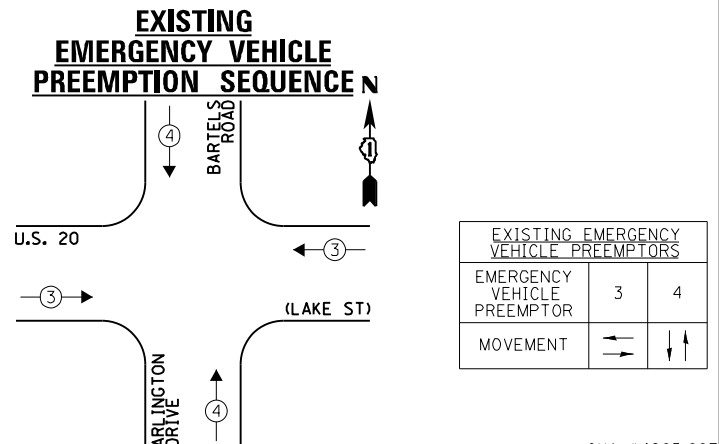
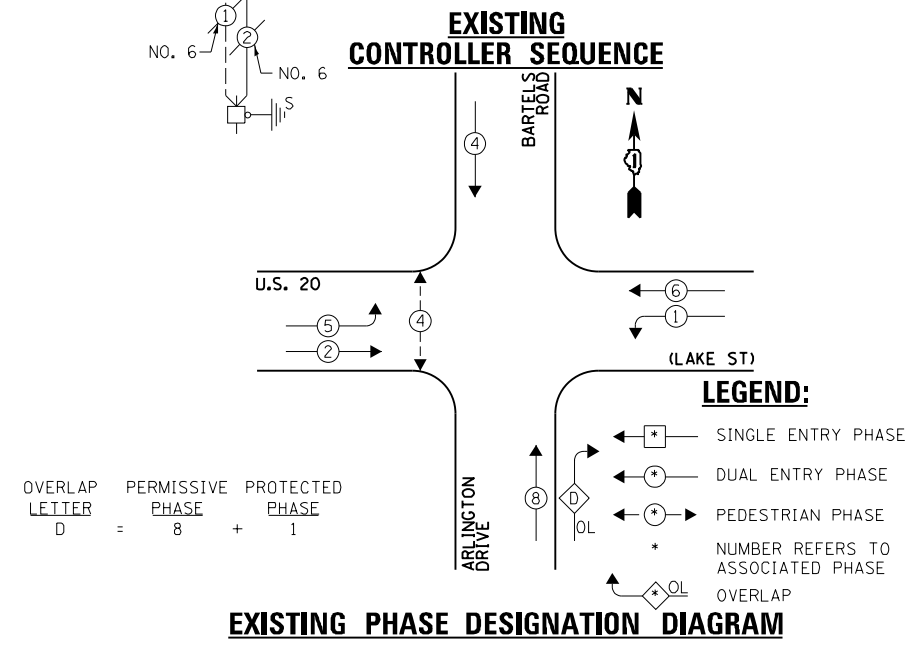
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH TRAFFIC SIGNAL HEAD, 3-SECTION
- 5 EACH TRAFFIC SIGNAL HEAD, 5-SECTION
- 1 EACH TRAFFIC SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
- 6 EACH TRAFFIC SIGNAL BACKPLATE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
- 2 EACH PEDESTRIAN PUSH-BUTTON
- 2 EACH TRAFFIC SIGNAL POST

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|-----------|---------|--------|-----------|---------------|
| TYPE | NO. LAMPS | INCAND. | L.E.D. | OPERATION | |
| SIGNAL (RED) | 11 | 135 | 17 | 0.50 | 93.5 |
| SIGNAL (YELLOW) | 11 | 135 | 25 | 0.25 | 68.75 |
| SIGNAL (GREEN) | 11 | 135 | 15 | 0.25 | 41.25 |
| ARROW | 12 | 135 | 12 | 0.10 | 14.4 |
| PED. SIGNAL | 2 | 90 | 25 | 1.00 | 50.0 |
| 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 = | | | | | 392.9 |

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHALMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: CQM-ED

- CONSTRUCTION NOTE:**
- ① REMOVE EXISTING SIGNAL HEADS AND REPLACE EXISTING 14 FOOT PAINTED POST. INSTALL NEW SIGNAL HEADS ON NEW 14 FOOT GALVANIZED STEEL POST. REUSE EXISTING TYPE "A" CONCRETE FOUNDATION AND EXISTING CABLES.
 - ② REMOVE EXISTING SIGNAL HEADS AND REPLACE EXISTING 16 FOOT PAINTED POST. INSTALL NEW SIGNAL HEADS ON NEW 16 FOOT GALVANIZED STEEL POST. REUSE EXISTING TYPE "A" CONCRETE FOUNDATION AND EXISTING CABLES.



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

| | | | |
|------------------------------|------------------------|-----------------|-----------|
| FILE NAME = 60V80-061-ts.dgn | USER NAME = zwallsten | DESIGNED - JRD | REVISED - |
| Default | PLOT SCALE = 1:20 | DRAWN - ZCW | REVISED - |
| | PLOT DATE = 12/20/2012 | CHECKED - KLB | REVISED - |
| | | DATE - 12-20-12 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
U.S. 20 (LAKE ST) AT BARTELS ROAD / ARLINGTON DRIVE
SCALE: NONE SHEET OF SHEETS STA. TO STA.

| | | | | |
|--------------------|--------------------|---------------|---------------------------|--------------|
| F.A. RTE. VARIES | SECTION 2012-070 I | COUNTY DuPAGE | TOTAL SHEETS 103 | SHEET NO. 61 |
| CONTRACT NO. 60V80 | | | ILLINOIS FED. AID PROJECT | |