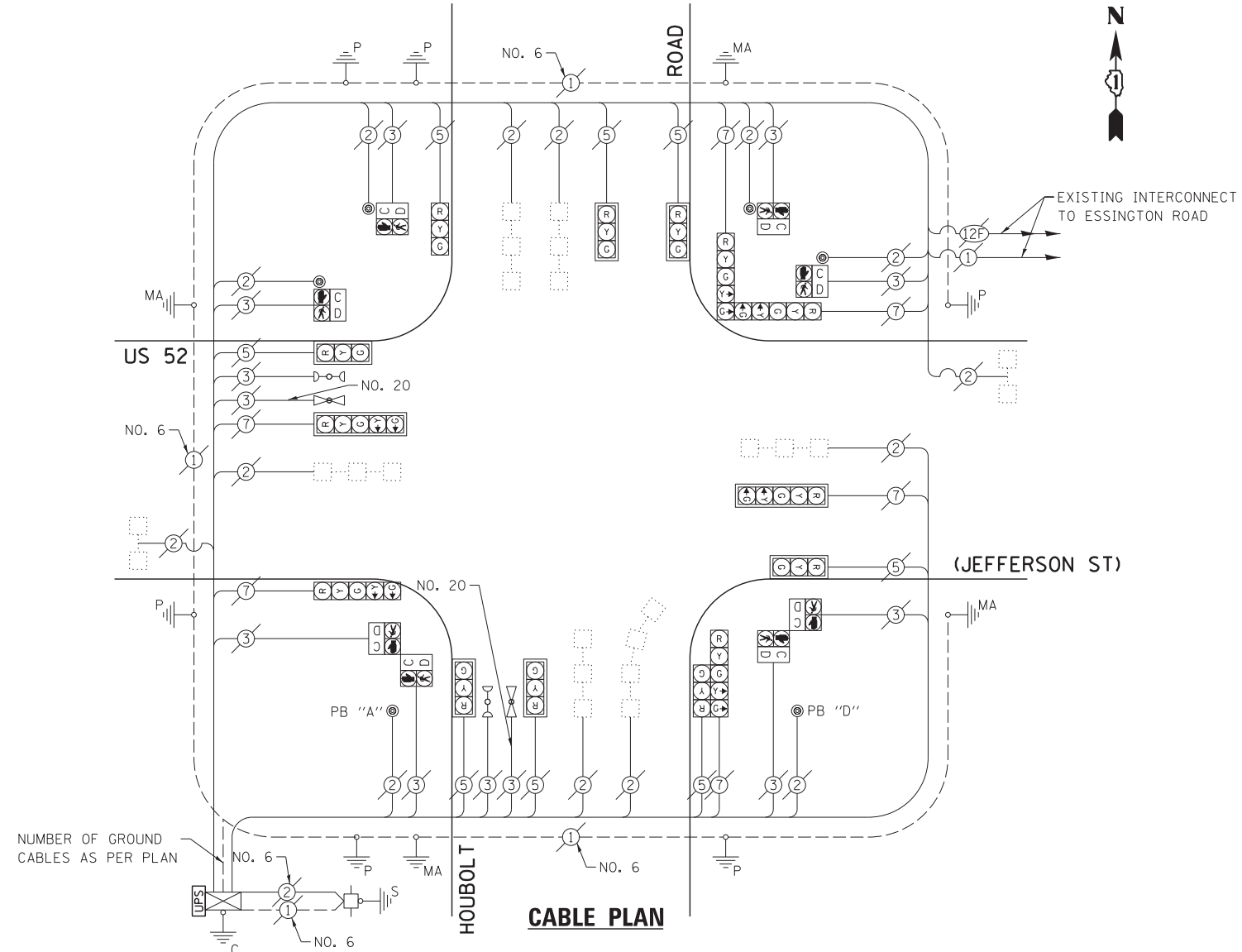


SCHEDULE OF QUANTITIES
U. S. 52 (JEFFERSON ST) AT HOUBOLT ROAD

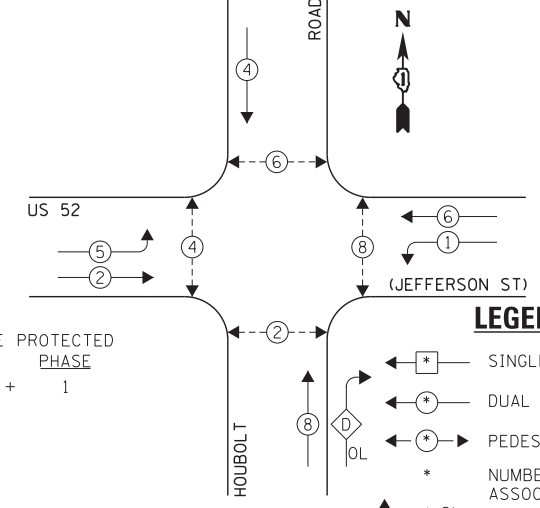
| NO. | QUANT. | UNIT | DESCRIPTION |
|-----|--------|------|---|
| 1. | 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 2. | 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 3. | 1 | EACH | UNINTERRUPTABLE POWER SUPPLY, SPECIAL |



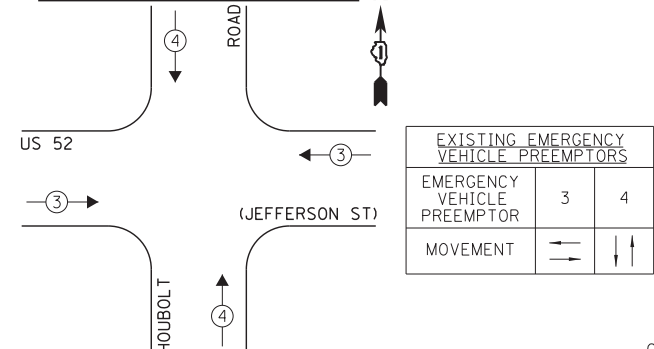
NOTE:
THE EXISTING CONTROLLER IS AN ECONOLITE ASC/2-2000 IN A TYPE IV CABINET.

NOTE:
PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

EXISTING CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM

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

| TYPE | NO. LAMPS | WATTAGE | | OPERATION | TOTAL WATTAGE |
|----------------------|-----------|---------|--------|-----------|---------------|
| | | INCAND. | L.E.D. | | |
| SIGNAL (RED) | 14 | 135 | 17 | 0.50 | 119.0 |
| SIGNAL (YELLOW) | 14 | 135 | 25 | 0.25 | 87.5 |
| SIGNAL (GREEN) | 14 | 135 | 15 | 0.25 | 52.5 |
| ARROW | 12 | 135 | 12 | 0.10 | 14.4 |
| 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 = | | | | | 598.4 |

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 | USER NAME | DESIGNED | REVISIONS |
|---|-----------|----------|-----------|
| 60W21-070-US52Jefferson St@Houbolt Rd.dgn | gwhitten | JRD | - |
| | | GW3 | REVISED - |
| | | KLB | REVISED - |
| | | | REVISED - |
| | | | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQUENCE
US 52 (JEFFERSON ST) AT HOUBOLT ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|------------|--------|--------------|-----------|
| VAR | 2013-003-I | WILL | 89 | 70 |
| CONTRACT NO. 60W21 | | | | |

ILLINOIS FED. AID PROJECT