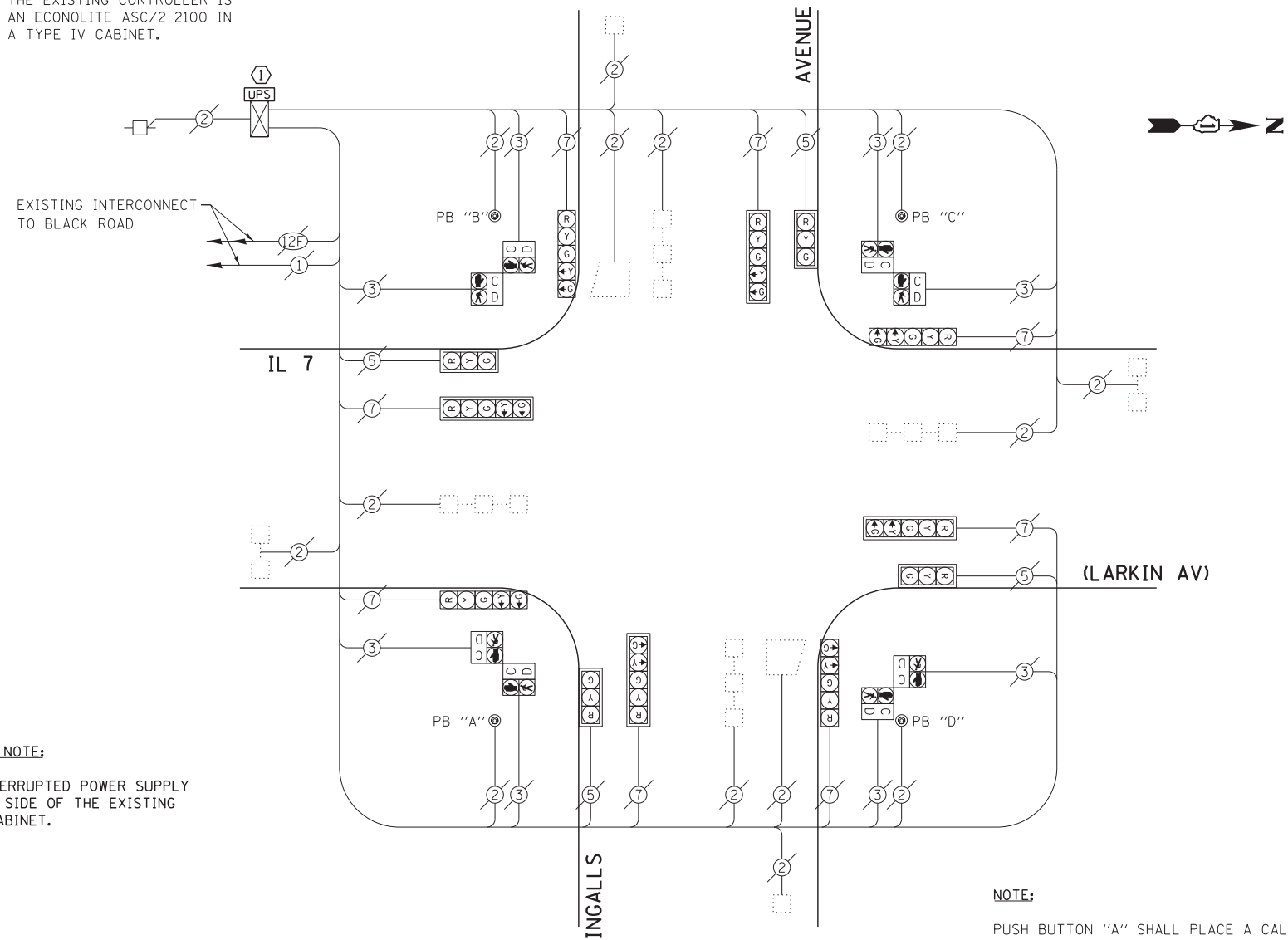


SCHEDULE OF QUANTITIES
IL 7 (LARKIN AV) AT INGALLS AVENUE

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

NOTE:
THE EXISTING CONTROLLER IS AN ECONOLITE ASC/2-2100 IN A TYPE IV CABINET.

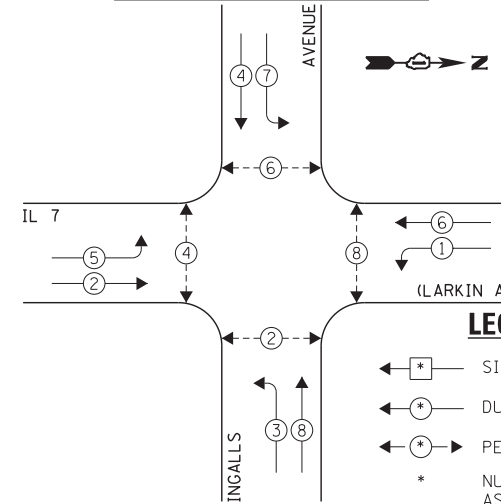


CONSTRUCTION NOTE:
① INSTALL UNINTERRUPTED POWER SUPPLY (UPS) ON LEFT SIDE OF THE EXISTING CONTROLLER CABINET.

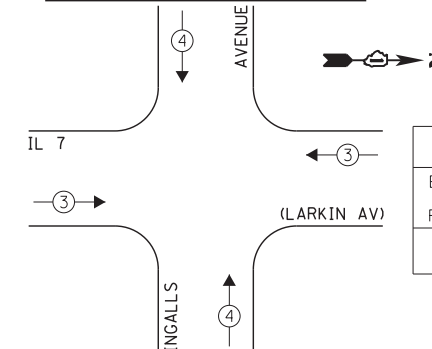
CABLE PLAN

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

EXISTING CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ← * → SINGLE ENTRY PHASE
- ← * → DUAL ENTRY PHASE
- ← * → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE
- ← * → OL OVERLAP

EXISTING PHASE DESIGNATION DIAGRAM

| 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 | WATTAGE INCAND. L.E.D. | OPERATION | |
| SIGNAL (RED) | 12 | 135 17 | 0.50 | 102.0 |
| SIGNAL (YELLOW) | 12 | 135 25 | 0.25 | 75.0 |
| SIGNAL (GREEN) | 12 | 135 15 | 0.25 | 45.0 |
| ARROW | 16 | 135 12 | 0.10 | 19.2 |
| 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 = | | | | 566.2 |

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

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

| | | | |
|---|-----------------------|-----------------|-----------|
| FILE NAME = 60W21-039-IL7(Larkin Ave)@Ingalls Ave.dgn | USER NAME = gwhitten | DESIGNED - JRD | REVISED - |
| 60W21-039 | 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
IL 7 (LARKIN AV) AT INGALLS AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR | 2013-003-I | WILL | 89 | 39 |
| CONTRACT NO. 60W21 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |