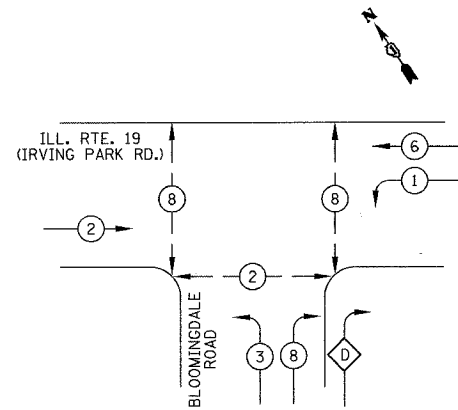


| | | | | |
|---|----------|---------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1321 | 0711 N-1 | DU PAGE | 54 | 28 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT | | | | |

CONTROLLER SEQUENCE



LEGEND

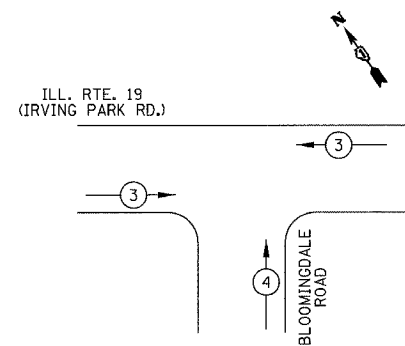
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

| OVERLAP LETTER | PERMISSIVE PHASE | PROTECTED PHASE |
|----------------|------------------|-----------------|
| D | = 8 | + 1 |

EMERGENCY VEHICLE PREEMPTION SEQUENCE



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

SCHEDULE OF QUANTITIES

| PAY ITEM | UNIT | QUANTITY |
|--|-------|----------|
| SIGN PANEL - TYPE 2 | SQ FT | 43 |
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL | FOOT | 495 |
| CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL | FOOT | 201 |
| CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL | FOOT | 29 |
| CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL | FOOT | 10 |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL | FOOT | 46 |
| CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL | FOOT | 180 |
| HANDHOLE | EACH | 4 |
| HEAVY-DUTY HANDHOLE | EACH | 2 |
| DOUBLE HANDHOLE | EACH | 1 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 706 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| TRANSCEIVER - FIBER OPTIC | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 595 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1140 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 1331 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 582 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 973 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C | FOOT | 40 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT. | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT. | EACH | 2 |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 36 FT. | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 48 FT. | EACH | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 12 |
| CONCRETE FOUNDATION, TYPE D | FOOT | 4 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 30 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 15 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM | EACH | 6 |
| INDUCTIVE LOOP DETECTOR | EACH | 5 |
| DETECTOR LOOP, TYPE I | FOOT | 437 |
| * LIGHT DETECTOR | EACH | 2 |
| * LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON | EACH | 4 |
| REMOVE EXISTING HANDHOLE | EACH | 1 |
| SERVICE INSTALLATION, POLE MOUNT | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 523 |
| * ELECTRIC CABLE IN CONDUIT, NO. 20 3C, TWISTED, SHIELDED | FOOT | 304 |
| SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 4 |
| SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1 |
| SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 1 |
| SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 2 |
| SIGNAL HEAD, L.E.D., 2-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 1 |
| SIGNAL HEAD, L.E.D., 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED | EACH | 1 |
| PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED | EACH | 2 |

* 100% COST TO VILLAGE OF ITASCA

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
EMERGENCY VEHICLE PREEMPTION SEQUENCE,
PHASE DESIGNATION DIAGRAM &
SCHEDULE OF QUANTITIES
ILL. RTE. 19 (IRVING PARK RD.)
& BLOOMINGDALE ROAD
SCALE: NOT TO SCALE DRAWN BY: BRD
DATE: 8/23/2006 CHECKED BY: JJE

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
REFERENCE = #REF#