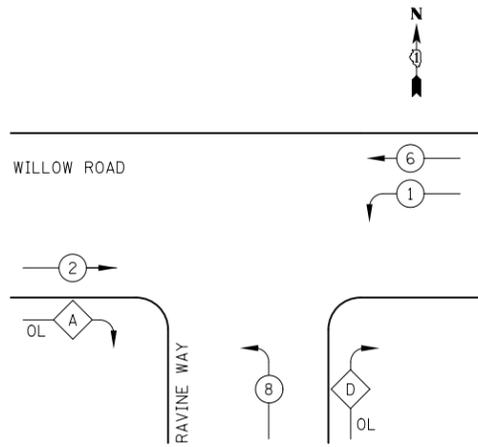
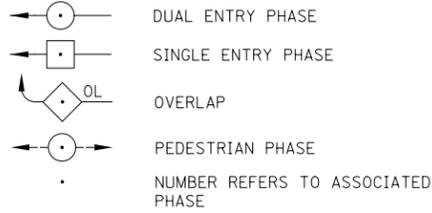


CONTROLLER SEQUENCE



LEGEND



PHASE DESIGNATION DIAGRAM

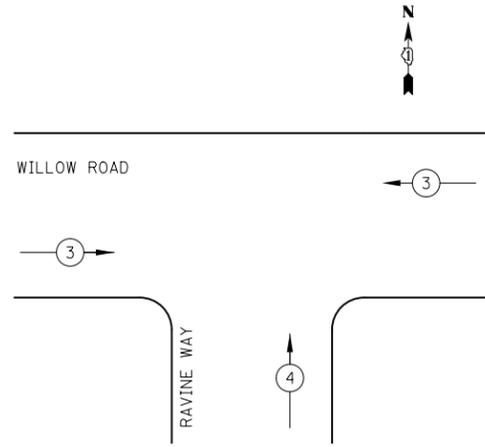
RIGHT TURN OVERLAP PHASE DESIGNATION

| OVERLAP LETTER | PERMISSIVE PHASE | PROTECTED PHASE |
|----------------|------------------|-----------------|
| A | = 2 | + 3 |
| D | = 8 | + 1 |

NOTES

- REPLACEMENT OF THE EXISTING CONFIRMATION BEACON WITH NEW LED CONFIRMATION BEACONS SHALL BE INCLUDED IN THE PAY ITEM "UNINTERRUPTABLE POWER SUPPLY, SPECIAL".

EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS

| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
|-----------------------------|-----|---|
| MOVEMENT | ← → | ↑ |

SCHEDULE OF QUANTITIES

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|--|-----------|-----------------|-----|-------------|---------------|
| TYPE | NO. LAMPS | WATTAGE INCAND. | LED | % OPERATION | |
| SIGNAL (RED) | 12 | | 17 | 0.50 | 102 |
| (YELLOW) | 12 | | 25 | 0.25 | 75 |
| (GREEN) | 12 | | 15 | 0.25 | 45 |
| ARROW | 8 | | 12 | 0.10 | 10 |
| CONTROLLER | 1 | | 100 | 1.00 | 100 |
| TOTAL = | | | | | 332 |

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY: CONTACT: COM ED
PHONE: (866) 639-3532
COMPANY: COM ED

| PAY ITEM | UNIT | QNTY. |
|---|------|-------|
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| MODIFY EXISTING CONTROLLER CABINET | EACH | 1 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT | EACH | 4 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT | EACH | 2 |
| SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT | EACH | 2 |
| SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED, RETROFIT | EACH | 1 |
| SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT | EACH | 1 |

RETROFIT ALL EXISTING SIGNAL HEADS TO L.E.D.

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

TS 5931
GLENVIEW

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES
WILLOW ROAD AT RAVINE WAY

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| | 2013-055TS | COOK | 73 | 34 |
| CONTRACT NO. 60X16 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.



USER NAME = jrt
DRAWN - JRT
CHECKED - JJE
PLOT DATE = 12/2/2013

DESIGNED - BRD
DRAWN - JRT
CHECKED - JJE
DATE - 12/02/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES
WILLOW ROAD AT RAVINE WAY

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| | 2013-055TS | COOK | 73 | 34 |
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NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.