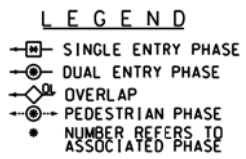
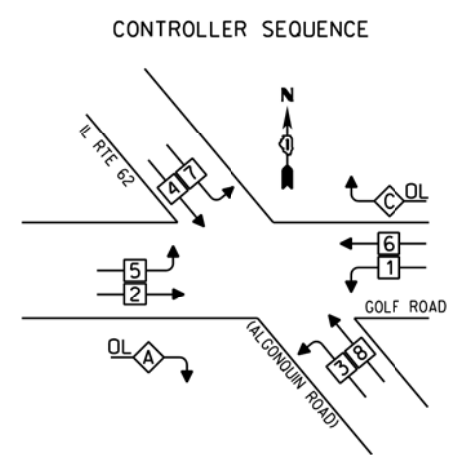


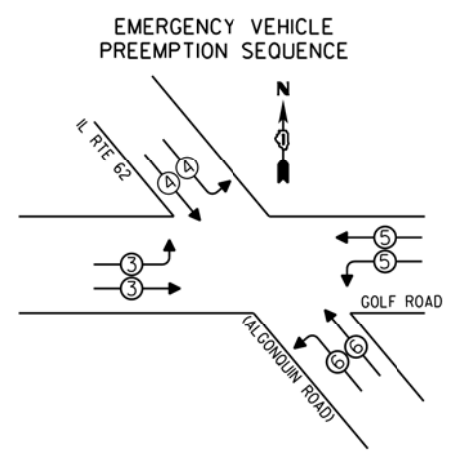
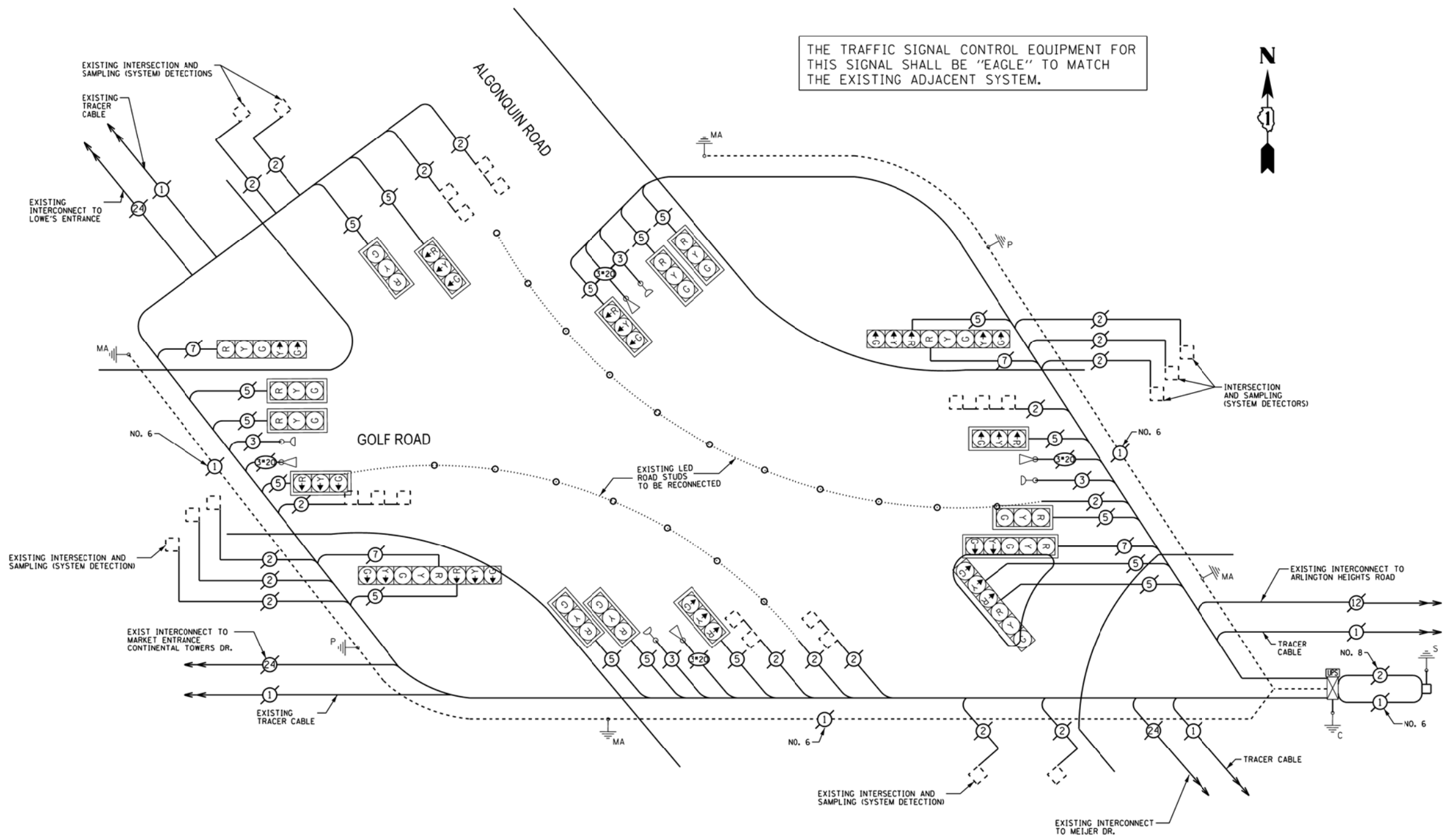
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

| OVERLAP LETTER | PERMISSIVE PHASE | PROTECTED PHASE |
|----------------|------------------|-----------------|
| A | = 2 | + 3 |
| C | = 6 | + 7 |



EMERGENCY VEHICLE PREEMPTORS

| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 | 5 | 6 |
|-----------------------------|---|---|---|---|
| MOVEMENT | | | | |

SCHEDULE OF QUANTITIES

| QUAN. | UNIT | ITEM |
|-------|------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 1 | EACH | UNINTERRUPTIBLE POWER SUPPLY, SPECIAL |
| 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |

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

| TYPE | NO. OF LAMPS x INCAND LED x % OPERATIONS | WATTAGE | TOTAL WATTAGE | |
|------------------|--|---------|---------------|--------|
| SIGNAL (RED) | 21 | 17 | 0.50 | 178.5 |
| (YELLOW) | 21 | 25 | 0.25 | 131.3 |
| (GREEN) | 21 | 15 | 0.25 | 78.8 |
| ARROW | 8 | 12 | 0.10 | 9.6 |
| PED. SIGNAL | 25 | 1.00 | | |
| CONTROLLER | 1 | 100 | 1.00 | 100.00 |
| ENERGY COSTS TO: | | | TOTAL = 498.1 | |

VILLAGE OF ARLINGTON HEIGHTS
33 SOUTH ARLINGTON HEIGHTS ROAD
ARLINGTON HEIGHTS, ILLINOIS 60005

ENERGY SUPPLY - CONTACT: DAVE SCHACHT
PHONE: (630) 437-2129
COMPANY: COMED

FILE NAME: #USER#
USER NAME: #USER#

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515-1761
630.705.0110 voice, 630.839.2566 fax
www.mps-il.com

MILLENNIA PROFESSIONAL SERVICES

| | |
|----------------|-----------|
| DESIGNED - JNP | REVISED - |
| DRAWN - JNP | REVISED - |
| CHECKED - TVN | REVISED - |
| DATE - #DATE# | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
GOLF ROAD AT ALGONQUIN ROAD

SCALE: - SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR | 2013-005-1 | COOK | 85 | 25 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 60W23 | |

TS-2705

#FILES#