

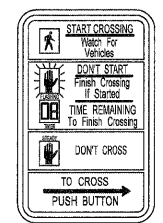
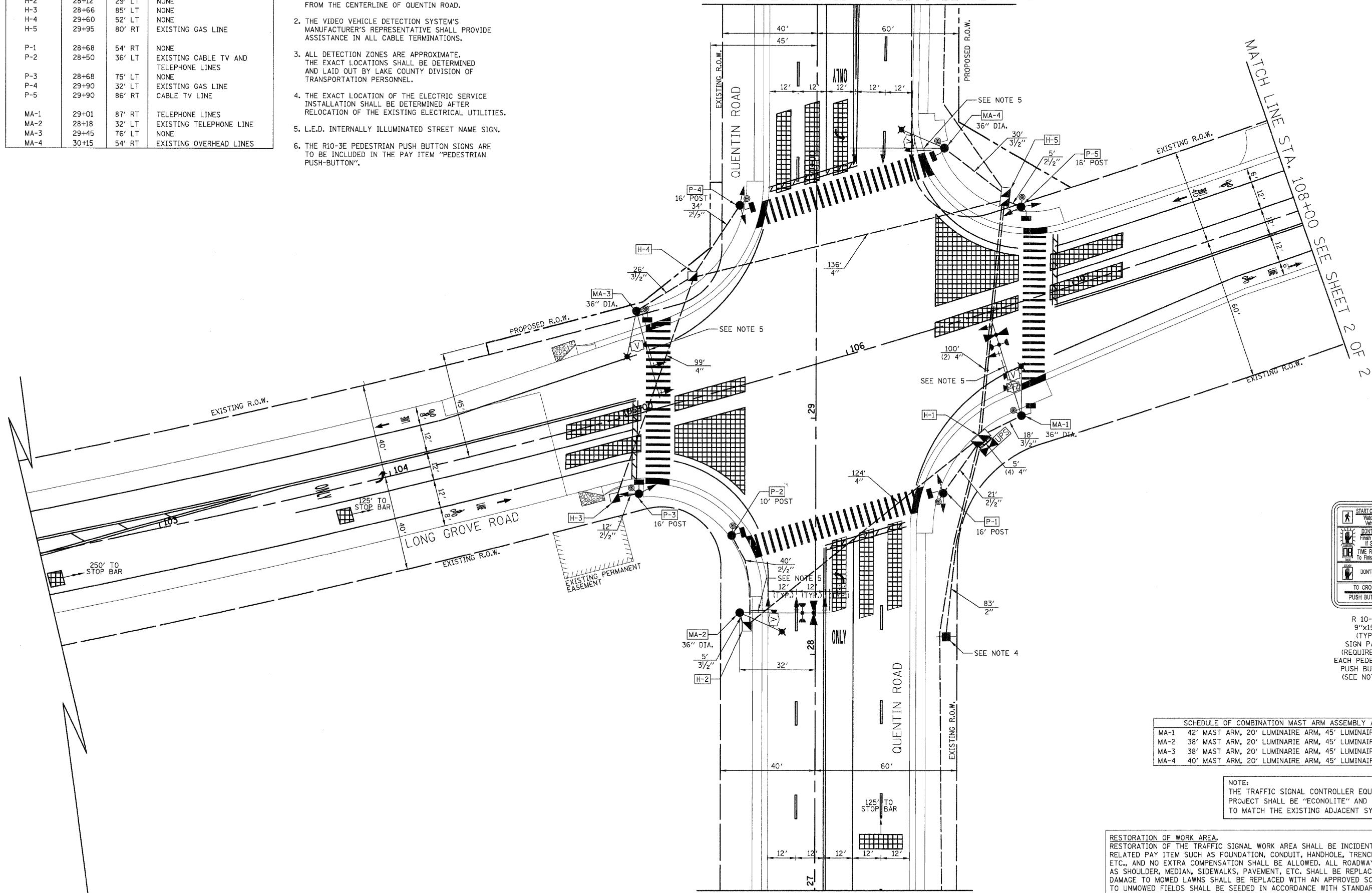


| STRUCTURE | STATION | OFFSET | POSSIBLE UTILITY CONFLICTS |
|-----------|---------|--------|---------------------------------------|
| H-1 | 28+92 | 70' RT | NONE |
| H-2 | 28+12 | 29' LT | NONE |
| H-3 | 28+66 | 85' LT | NONE |
| H-4 | 29+60 | 52' LT | NONE |
| H-5 | 29+95 | 80' RT | EXISTING GAS LINE |
| P-1 | 28+68 | 54' RT | NONE |
| P-2 | 28+50 | 36' LT | EXISTING CABLE TV AND TELEPHONE LINES |
| P-3 | 28+68 | 75' LT | NONE |
| P-4 | 29+90 | 32' LT | EXISTING GAS LINE |
| P-5 | 29+90 | 86' RT | CABLE TV LINE |
| MA-1 | 29+01 | 87' RT | TELEPHONE LINES |
| MA-2 | 28+18 | 32' LT | EXISTING TELEPHONE LINE |
| MA-3 | 29+45 | 76' LT | NONE |
| MA-4 | 30+15 | 54' RT | EXISTING OVERHEAD LINES |

TRAFFIC SIGNAL NOTES

1. ALL STATIONS AND OFFSETS ARE DIMENSIONED FROM THE CENTERLINE OF QUENTIN ROAD.
2. THE VIDEO VEHICLE DETECTION SYSTEM'S MANUFACTURER'S REPRESENTATIVE SHALL PROVIDE ASSISTANCE IN ALL CABLE TERMINATIONS.
3. ALL DETECTION ZONES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY LAKE COUNTY DIVISION OF TRANSPORTATION PERSONNEL.
4. THE EXACT LOCATION OF THE ELECTRIC SERVICE INSTALLATION SHALL BE DETERMINED AFTER RELOCATION OF THE EXISTING ELECTRICAL UTILITIES.
5. L.E.D. INTERNALLY ILLUMINATED STREET NAME SIGN.
6. THE R10-3E PEDESTRIAN PUSH BUTTON SIGNS ARE TO BE INCLUDED IN THE PAY ITEM "PEDESTRIAN PUSH-BUTTON".

MATCH LINE STA. 31+00 SEE SHEET 2 OF 2



R 10-3e
9"x15"
(TYP.)
SIGN PANEL
(REQUIRED AT
EACH PEDESTRIAN
PUSH BUTTON)
(SEE NOTE 6)

| SCHEDULE OF COMBINATION MAST ARM ASSEMBLY AND POLES | | | |
|---|--|--|--|
| MA-1 | 42' MAST ARM, 20' LUMINAIRE ARM, 45' LUMINAIRE MOUNTING HEIGHT | | |
| MA-2 | 38' MAST ARM, 20' LUMINAIRE ARM, 45' LUMINAIRE MOUNTING HEIGHT | | |
| MA-3 | 38' MAST ARM, 20' LUMINAIRE ARM, 45' LUMINAIRE MOUNTING HEIGHT | | |
| MA-4 | 40' MAST ARM, 20' LUMINAIRE ARM, 45' LUMINAIRE MOUNTING HEIGHT | | |

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

RESTORATION OF WORK AREA.
RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

MATCH LINE STA. 27+00 SEE SHEET 2 OF 2

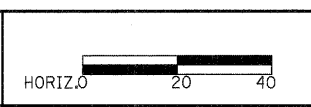
| | |
|---------------|--|
| DATE | |
| BY | |
| FINAL SURVEY | |
| FLIGHT | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

| | |
|-----------------|--|
| DATE | |
| BY | |
| ORIGINAL SURVEY | |
| FLIGHT | |
| NOTE BOOK | |
| AREAS CHECKED | |
| NO. | |

CIVILTECH
450 E Devon Ave, Suite 300
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Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

| | |
|-------------------|-----------|
| DESIGNED - BRD | REVISED - |
| DRAWN - BRD | REVISED - |
| CHECKED - JJE | REVISED - |
| DATE - 10/24/2011 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TRAFFIC SIGNAL MODERNIZATION PLAN
QUENTIN ROAD AT LONG GROVE ROAD

SHEET NO. 1 OF 2 SHEETS

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|--------------------|
| 364 | 02-00051-08-WR | LAKE | 188 | 94 |
| FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT | | | | CONTRACT NO. 63649 |