

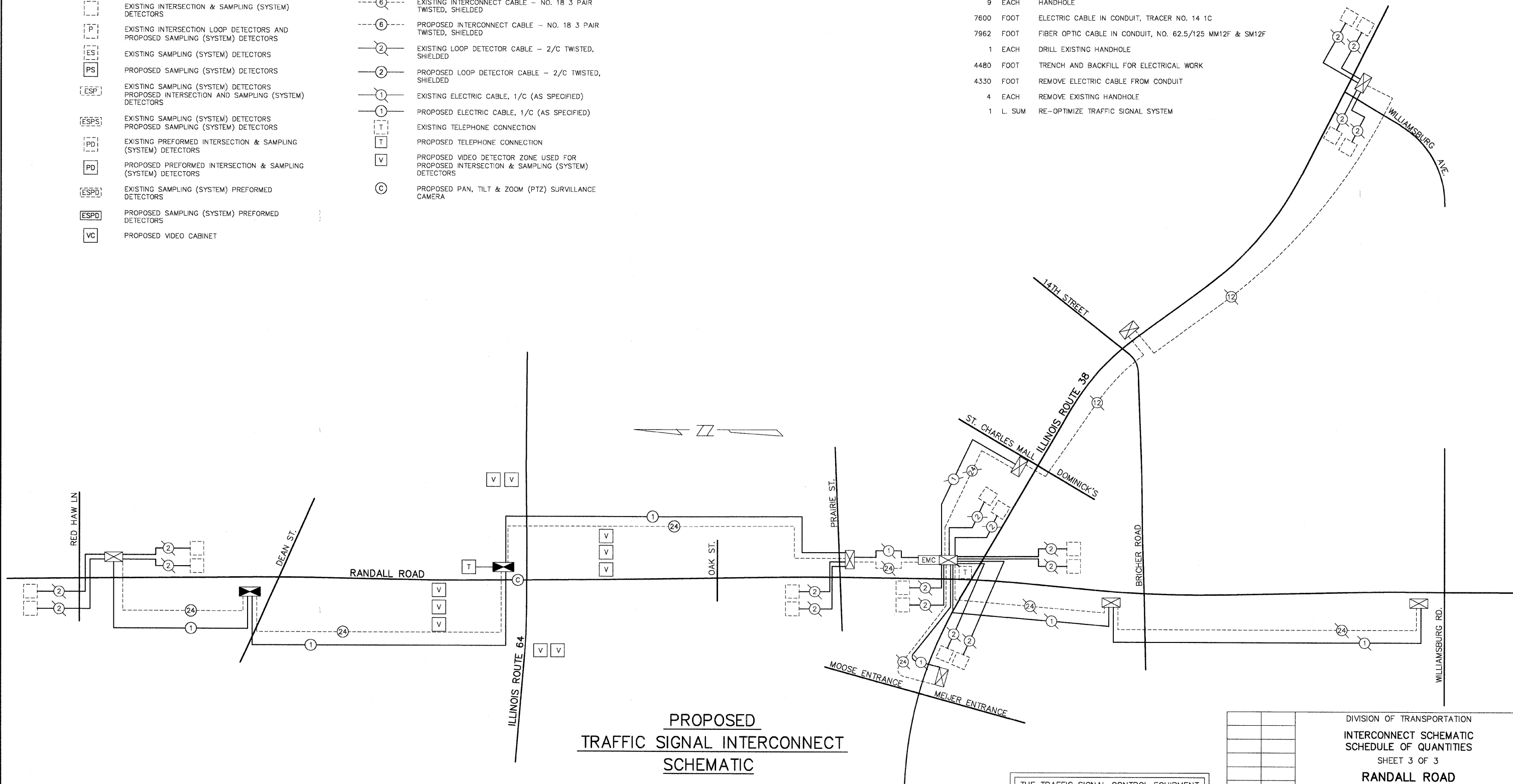
| | | | | | |
|---|-------------------------------|--------------------|-------------|---------------------|---------------|
| F.A.P. ROUTE 336 | COUNTY SECTION 99-00243-00-PV | CONTRACT NO. 83782 | COUNTY KANE | TOTAL SHEET NO. 268 | SHTS. NO. 139 |
| INTERCONNECT SCHEMATIC | | | | | |
| F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(008) | | | | | |

INTERCONNECT SCHEMATIC LEGEND

- | | | | |
|--|--|--|---|
| | PROPOSED INTERSECTION CONTROLLER | | EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F |
| | EXISTING INTERSECTION CONTROLLER | | PROPOSED FIBER OPTIC CABLE IN CONUIT, NO. 62.5 / 125, MM12F SM12F |
| | PROPOSED MASTER CONTROLLER | | EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |
| | EXISTING MASTER CONTROLLER | | PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |
| | MASTER MASTER CONTROLLER | | EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED |
| | PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED |
| | EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED |
| | EXISTING INTERSECTION LOOP DETECTORS AND PROPOSED SAMPLING (SYSTEM) DETECTORS | | PROPOSED LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED |
| | EXISTING SAMPLING (SYSTEM) DETECTORS | | EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED) |
| | PROPOSED SAMPLING (SYSTEM) DETECTORS | | PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED) |
| | EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS | | EXISTING TELEPHONE CONNECTION |
| | EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS | | PROPOSED TELEPHONE CONNECTION |
| | EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | PROPOSED VIDEO DETECTOR ZONE USED FOR PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS |
| | PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | PROPOSED PAN, TILT & ZOOM (PTZ) SURVILLANCE CAMERA |
| | EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS | | |
| | PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS | | |
| | PROPOSED VIDEO CABINET | | |

TRAFFIC SIGNAL INTERCONNECT SCHEDULE OF QUANTITIES

| | | |
|------|--------|--|
| 4480 | FOOT | CONDUIT IN TRENCH, 2" DIA., GLVANIZED STEEL |
| 65 | FOOT | CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL |
| 30 | FOOT | CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL |
| 9 | EACH | HANDHOLE |
| 7600 | FOOT | ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C |
| 7962 | FOOT | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F |
| 1 | EACH | DRILL EXISTING HANDHOLE |
| 4480 | FOOT | TRENCH AND BACKFILL FOR ELECTRICAL WORK |
| 4330 | FOOT | REMOVE ELECTRIC CABLE FROM CONDUIT |
| 4 | EACH | REMOVE EXISTING HANDHOLE |
| 1 | L. SUM | RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM |



PROPOSED TRAFFIC SIGNAL INTERCONNECT SCHEMATIC

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

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| DIVISION OF TRANSPORTATION | |
| INTERCONNECT SCHEMATIC | |
| SCHEDULE OF QUANTITIES | |
| SHEET 3 OF 3 | |
| RANDALL ROAD | |
| (FROM RED HAW LANE TO WILLIAMSBURG ROAD) | |
| NAME | DATE |
| REVISIONS | |
| SCALE: NONE | DRAWN BY: JMH |
| DATE: SEPTEMBER 23, 2004 | DESIGNED BY: DMH |
| | CHECKED BY: JRL |