

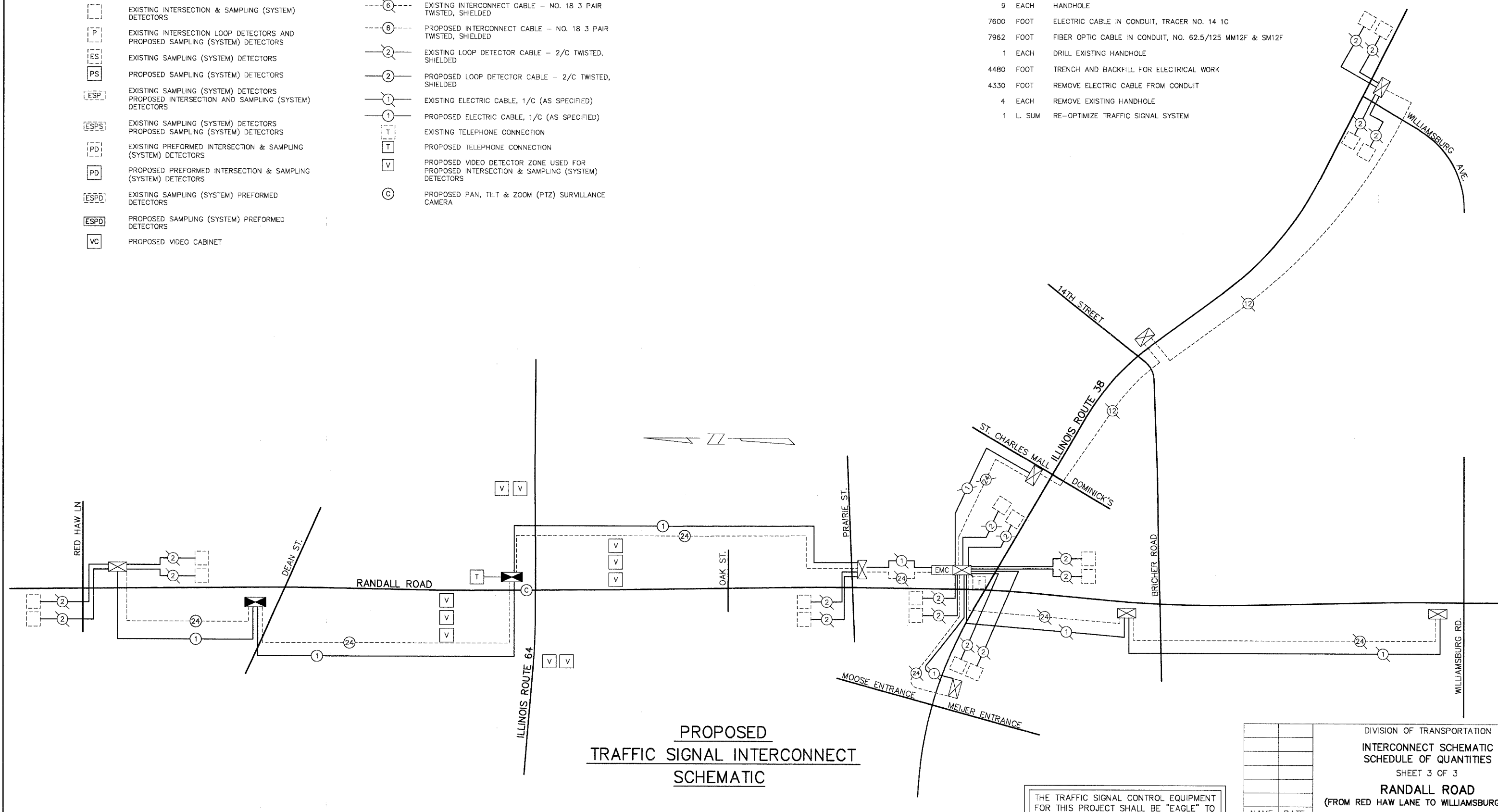
**INTERCONNECT SCHEMATIC LEGEND**

- |  |  |  |   |
|--|--|--|---|
|  | 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., GALVANIZED 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 10
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

F.A.P. ROUTE	COUNTY SECTION	COUNTY	TOTAL SH.
336	99-00243-00-PV	KANE	268
CONTRACT NO. 83782			
INTERCONNECT SCHEMATIC			
F.H.W.A. REG.5 ILLINOIS PROJECT F-0336(0)			



**PROPOSED TRAFFIC SIGNAL INTERCONNECT SCHEMATIC**

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

NAME	DATE

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