

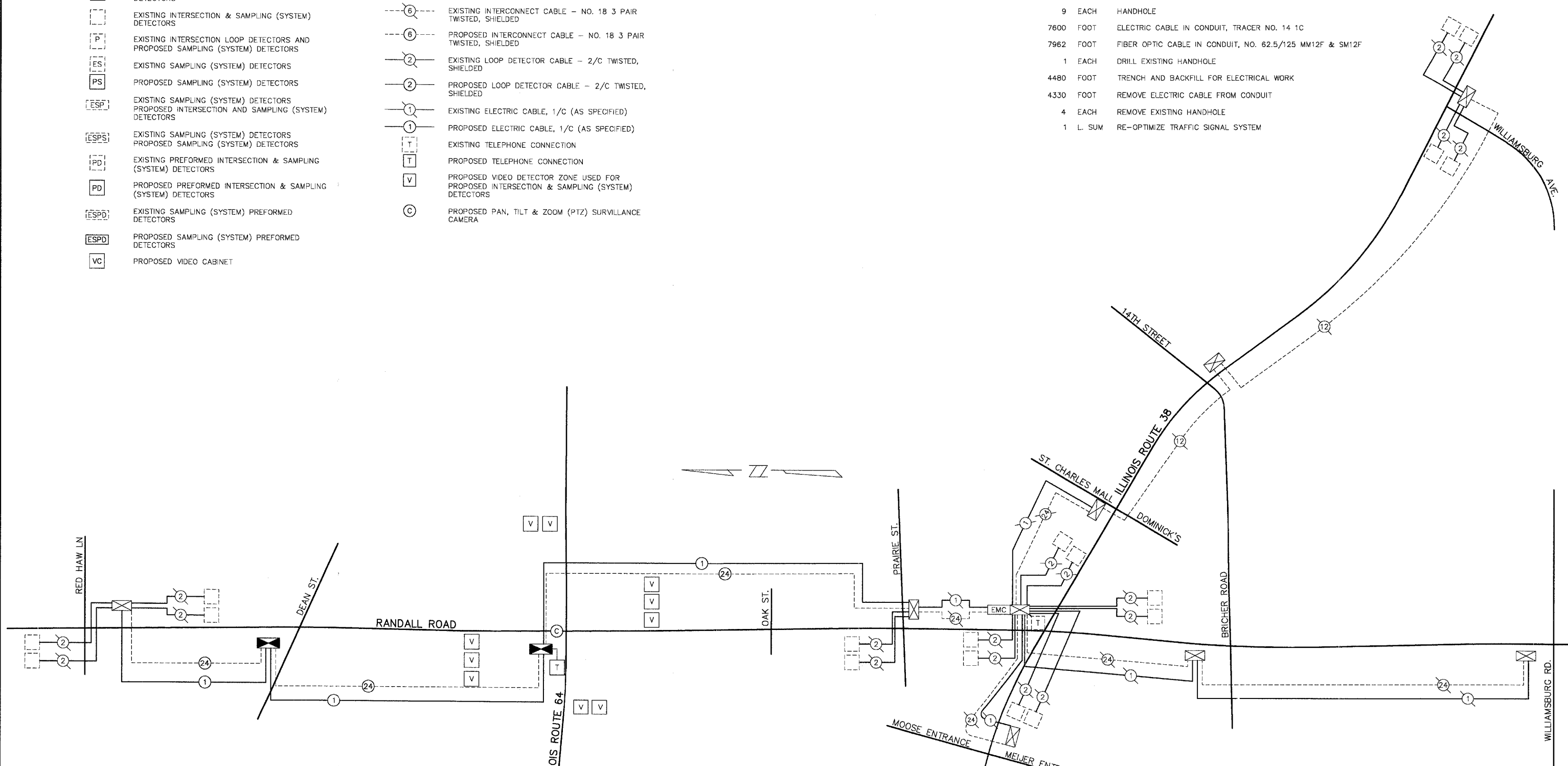
INTERCONNECT SCHEMATIC LEGEND

- | | | | |
|--|--|--|---|
| | PROPOSED INTERSECTION CONTROLLER | | EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F |
| | EXISTING INTERSECTION CONTROLLER | | PROPOSED FIBER OPTIC CABLE IN CONDUIT, 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 PERFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | PROPOSED VIDEO DETECTOR ZONE USED FOR PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS |
| | PROPOSED PERFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS | | PROPOSED PAN, TILT & ZOOM (PTZ) SURVILLANCE CAMERA |
| | EXISTING SAMPLING (SYSTEM) PERFORMED DETECTORS | | |
| | PROPOSED SAMPLING (SYSTEM) PERFORMED 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

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



PROPOSED TRAFFIC SIGNAL INTERCONNECT SCHEMATIC

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING SYSTEM.
 Revised 10-8-05

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: JM
DATE: SEPTEMBER 23, 2004	DESIGNED BY: DJ
	CHECKED BY: JP