F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	05-00395-00-TL	WILL	31	31

STA.	TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

CONTRACT NO: 83992

INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER

PROPOSED INTERSECTION CONTROLLER

EXISTING MASTER CONTROLLER — EMC

PROPOSED MASTER CONTROLLER — MC

MASTER MASTER CONTROLLER — MMC

EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS

PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS

EXISTING INTERSECTION LOOP DETECTORS — P
PROPOSED SAMPLING (SYSTEM) DETECTORS

EXISTING SAMPLING (SYSTEM) DETECTORS — ES

PROPOSED SAMPLING (SYSTEM) DETECTORS — PS

EXISTING SAMPLING (SYSTEM) DETECTORS.
PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS — ESP

EXISTING SAMPLING (SYSTEM) DETECTORS — ESPS
PROPOSED SAMPLING (SYSTEM) DETECTORS

EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS — PD

PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS — PD

EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS — ESPD

PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS — PSPD

EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F — (24)

PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F — (24)

EXISTING INTERCONNECT CABLE — NO. 62.5/125 12F FIBER OPTIC CABLE — (12)

PROPOSED FIBER OPTIC CABLE IN CONDUIT, 62.5/125 12F FIBER OPTIC CABLE — (12)

EXISTING INTERCONNECT CABLE — NO. 18 3 PAIR TWISTED, SHIELDED — (6)

PROPOSED INTERCONNECT CABLE — NO. 18 3 PAIR TWISTED, SHIELDED — (6)

EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED — (2)

PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED — (2)

EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED) — (1)

PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED) — (1)

EXISTING TELEPHONE CONNECTION — [T]

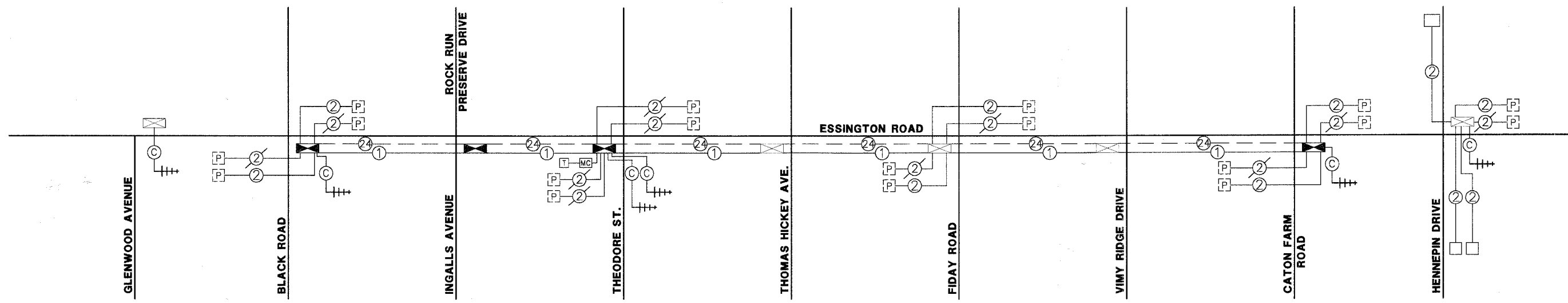PROPOSED TELEPHONE CONNECTION — [T]

PROPOSED RADIO

N.T.S.

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 SHOULDERS, MEDIANS, 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.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE."

NEW CABINETS SHALL HAVE FRONT AND BACK DOORS AND A SEPARATE CIRCUIT BREAKER FOR STREET LIGHTING.

ESSINGTON ROAD — SCHEDULE OF INTERCONNECT QUANTITIES

ITEM	UNIT	QUANTITY
MOBILIZATION	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
CONDUIT IN TRENCH, 2" DIA, GALVANIZED STEEL	FOOT	7,834
CONDUIT PUSHED, 2" DIA, GALVANIZED STEEL	FOOT	1,052
HANDHOLE	EACH	13
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	7,834
MASTER CONTROLLER (SPECIAL)	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	11,105
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	11,105
DRILL EXISTING HANDHOLE	EACH	9
RADIO INTERCONNECT SYSTEM	EACH	1

Interconnect schematic showing intersections along ESSINGTON ROAD: GLENWOOD AVENUE, BLACK ROAD, ROCK RUN PRESERVE DRIVE, INGALLS AVENUE, THEODORE ST., THOMAS HICKEY AVE., FIDAY ROAD, VIMY RIDGE DRIVE, CATON FARM ROAD, HENNEPIN DRIVE.

REVISIONS		
NAME	DATE	

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES

ESSINGTON ROAD FROM US RTE 52 (JEFFERSON ST.) TO HENNEPIN DRIVE
JOLIET, ILLINOIS

SCALE: N.T.S.	DRAWN BY: LB
DATE: DECEMBER 7, 2007	DESIGNED BY: TCM
	CHECKED BY: BLS