

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1463	1010.1B	COOK	171	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

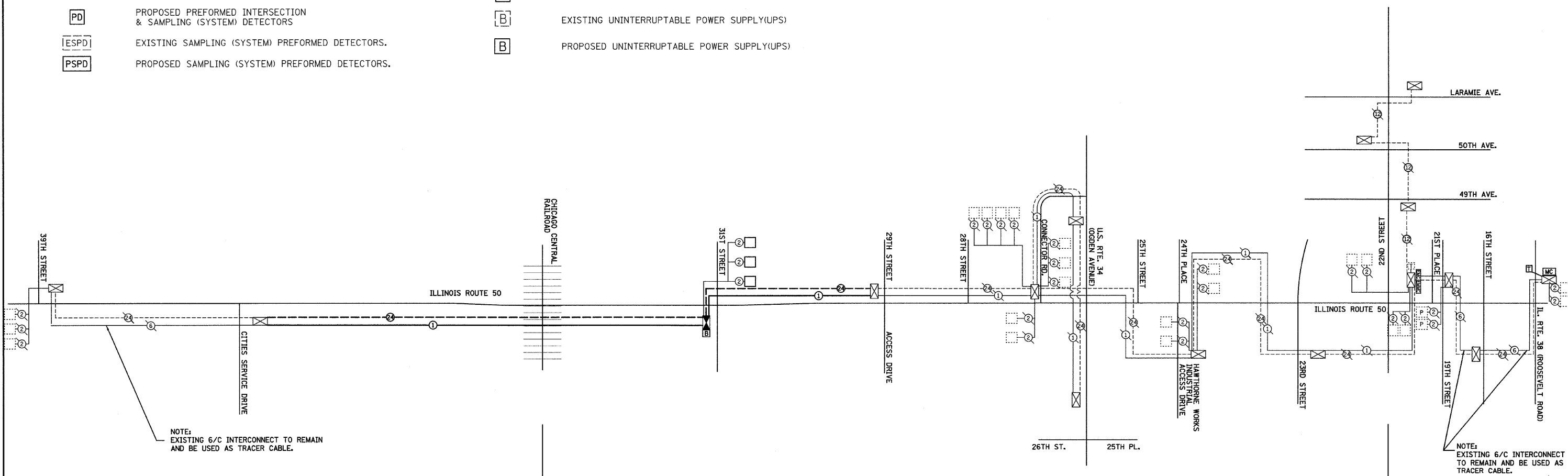
CONTRACT#62196

INTERCONNECT SCHEMATIC LEGEND

	EXISTING INTERSECTION CONTROLLER		EXISTING FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F & SM12F
	PROPOSED INTERSECTION CONTROLLER		PROPOSED FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F & SM12F
	EXISTING MASTER CONTROLLER		EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F. FIBER OPTIC CABLE
	PROPOSED 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
	EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
	PROPOSED 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 & SAMPLING (SYSTEM) DETECTORS.		EXISTING TELEPHONE CONNECTION
	EXISTING SAMPLING (SYSTEM) DETECTORS. PROPOSED SAMPLING (SYSTEM) DETECTORS.		PROPOSED TELEPHONE CONNECTION
	EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING UNINTERRUPTABLE POWER SUPPLY(UPS)
	PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED UNINTERRUPTABLE POWER SUPPLY(UPS)
	EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS.		
	PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS.		

SCHEDULE OF INTERCONNECT QUANTITIES

QUANTITY	UNIT	ITEM
849	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
2	EACH	HANDHOLE
849	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
2	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
2	EACH	MODIFY EXISTING CONTROLLER
4225	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL I
5435	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
5487	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F



NOTE:
EXISTING 6/C INTERCONNECT TO REMAIN AND BE USED AS TRACER CABLE.

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EXISTING 6/C INTERCONNECT TO REMAIN AND BE USED AS TRACER CABLE.

FIBER OPTIC CABLE SIGNAL MODERNIZATION IMPROVEMENTS
INSTALLED AS PART OF US ROUTE 34 (GODDEN AVENUE)
AT ILL. ROUTE 50 (CICERO AVENUE) INTERCHANGE RECONSTRUCTION PROJECT

NOTE:
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCONNECT SCHEMATIC
ILLINOIS ROUTE 50 (CICERO AVE.)
39TH ST. TO ROOSEVELT RD.
LARAMIE AVE. TO ILL. RTE. 50 (CICERO AVE.)

SCALE: N.T.S.
DATE: 08/01/2008

DRAWN BY: BB, MAE
DESIGNED BY: PKG
CHECKED BY: PKG/RMM

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