



INTERCONNECT SCHEMATIC LEGEND

	PROPOSED	EXISTING
INTERSECTION CONTROLLER		
MASTER CONTROLLER		
MASTER MASTER CONTROLLER		
TELEPHONE CONNECTION		
INTERSECTION & SAMPLING (SYSTEM) DETECTORS		
PERFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		
EXISTING INTERSECTION LOOP DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS		
SAMPLING (SYSTEM) DETECTORS		
SAMPLING (SYSTEM) PERFORMED DETECTORS		
EXISTING SAMPLING (SYSTEM) DETECTORS; PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS.		
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS		
FIBER OPTIC CABLE IN CONDUIT, NUMBER OF FIBERS AS NOTED		
INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED		
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1 PAIR		
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE		

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
.15	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
.15	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
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8428	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
1620	FOOT	CONDUIT PUSH, 2" DIA., GALVANIZED STEEL
14	EACH	HANDHOLE
12847	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
12847	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F
7	EACH	DRILL EXISTING HANDLOLE
8428	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	L SUM	OPTIMIZED TRAFFIC SIGNAL SYSTEM

① EXISTING CABINET CONSIST OF AN UNCONNECTED MASTER CONTROLLER. CONTRACTOR TO ACTIVATE THE MASTER CONTROLLER AS PER ENGINEER'S SPECIFICATION.

THE COST SHALL BE INCLUDED IN THE OPTIMIZATION PAY ITEM.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		INTERCONNECT SCHEMATIC IL. RTE. 132 @ IL. RTE. 83

SCALE: VERT. 1"=20'
HORIZ. 1"=20'
DATE 5/16/2006

DRAWN BY: BCK
DESIGNED BY: BCK
CHECKED BY: DAO