



INTERCONNECT SCHEMATIC LEGEND

	PROPOSED	EXISTING
INTERSECTION CONTROLLER		
MASTER CONTROLLER		
MASTER MASTER CONTROLLER		
TELEPHONE CONNECTION		
INTERSECTION & SAMPLING (SYSTEM) DETECTORS		
PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		
EXISTING INTERSECTION LOOP DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS		
SAMPLING (SYSTEM) DETECTORS		
SAMPLING (SYSTEM) PREFORMED 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		
UNINTERRUPTIBLE POWER SUPPLY		

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
.25	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
.25	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
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7344	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
1067	FOOT	CONDUIT PUSH, 2" DIA., GALVANIZED STEEL
13	EACH	HANDHOLE
9223	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
9360	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F
1	EACH	MASTER CONTROLLER
4	EACH	DRILL EXISTING HANDHOLE
7344	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCONNECT SCHEMATIC
 IL. RTE. 83 FROM
 BLUFF RD. TO CENTRAL AVE.

SCALE: VERT. 1"=20'
 HORIZ.
 DATE 3/16/2007

DRAWN BY: BCK
 DESIGNED BY: BCK
 CHECKED BY: DAD