



**INTERCONNECT SCHEMATIC LEGEND:**

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|----------------------------------------------------------------------------------------------|--|------------------------------------------------------------------|--|
| EXISTING INTERSECTION CONTROLLER                                                             |  | PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS                   |  |
| PROPOSED INTERSECTION CONTROLLER                                                             |  | EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F |  |
| EXISTING MASTER 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 |  |
| MASTER MASTER CONTROLLER                                                                     |  | PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |  |
| EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS                                          |  | 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 LOOP DETECTORS                                                         |  | EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED               |  |
| 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 PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS                                |  |                                                                  |  |
| PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS                                |  |                                                                  |  |
| EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS                                               |  |                                                                  |  |

**INTERCONNECT SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	TOTAL QUANTITY
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	3,666
CONDUIT PUSHED, 4" DIA., PVC	FOOT	205
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3,840
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	3
MASTER CONTROLLER (SPECIAL)	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	3
TRANSCIVER-FIBER OPTIC	EACH	3
DRILL EXISTING HANDHOLE	EACH	12
MODIFY EXISTING CONTROLLER	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5,658
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
TEMPORARY WIRELESS INTERCONNECT, COMPLETE	L SUM	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3
DETECTOR LOOP, TYPE-1	FOOT	293

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FILE NAME = g:\zd40403\ts-18.dgn	USER NAME = kkhen	DESIGNED - JA	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES</b>	F.A.I. RTE. 57	SECTION (46-2) I, HBR, VBR	COUNTY KANKAKEE	TOTAL SHEETS 558	SHEET NO. 243		
PLOT SCALE = NONE	CHECKED - HS	REVISOR -	REVISOR -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 66409				
PLOT DATE = 12/17/2010	DATE - 12-17-2010	REVISOR -	REVISOR -			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT						