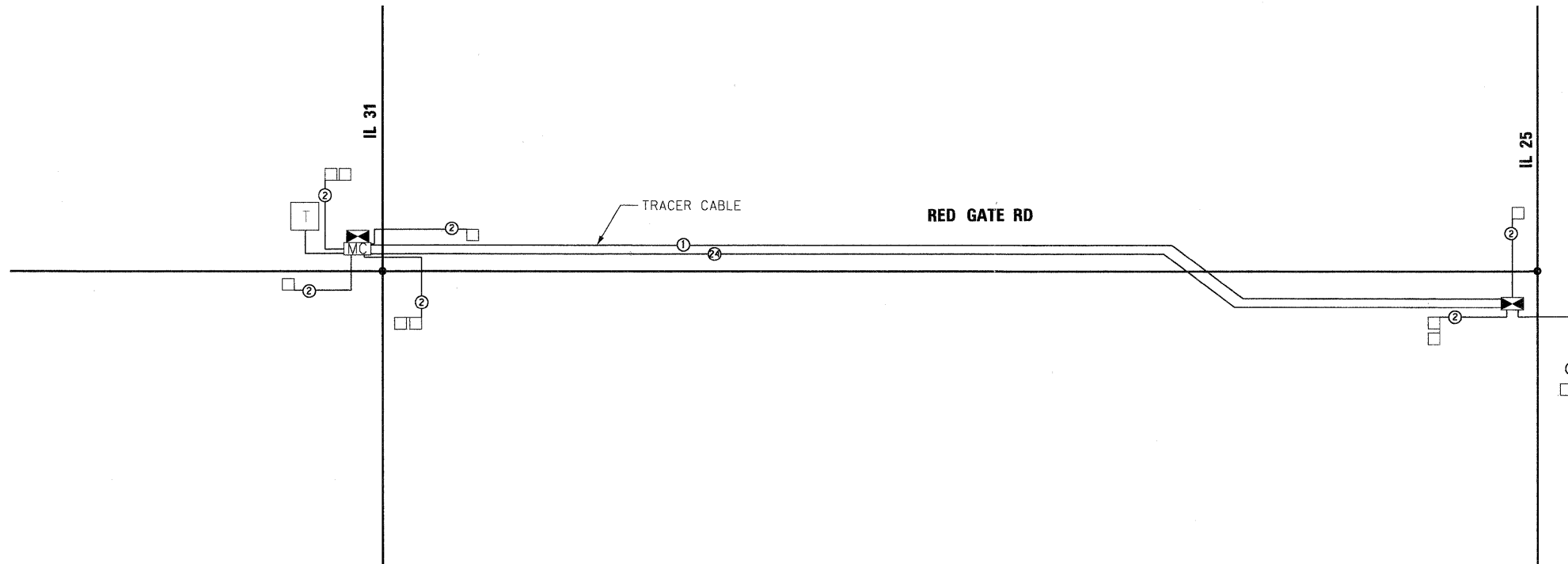


**INTERCONNECT SCHEDULE OF QUANTITIES**



SUMMARY OF QUANTITIES		
DESCRIPTION	UNIT	TOTAL QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1,592
CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,207
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 14" X 12" X 6"	EACH	2
HANDHOLE	EACH	7
MASTER CONTROLLER	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO.62.5/125, MM12F SM12F	FOOT	3,436
ELECTRIC CABLE IN CONDUIT, TRACER, NO.14 1C	FOOT	3,436
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1



**INTERCONNECT SCHEMATIC LEGEND**

- EXISTING INTERSECTION CONTROLLER IC
- PROPOSED INTERSECTION CONTROLLER IC
- EXISTING MASTER CONTROLLER EMC
- PROPOSED MASTER CONTROLLER MC
- MASTER MASTER CONTROLLER MMC
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS I
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS I
- EXISTING INTERSECTION LOOP DETECTORS P
- PROPOSED SAMPLING (SYSTEM) DETECTORS P
- 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, PROPOSED SAMPLING (SYSTEM) DETECTORS. ESPS
- 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
- PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
- EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
- PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
- EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)
- PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)
- EXISTING TELEPHONE CONNECTION T
- PROPOSED TELEPHONE CONNECTION T

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 PLOT DATE = 11/22/2011

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...xp\p\in-abc-sh-Red Gate-Incon-sch-01.dgn	DRAWN - BC	REVISED -
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**CITY OF ST. CHARLES**

**INTERCONNECT SCHEMATIC  
RED GATE ROAD**

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	202
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				