



INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER	☒
PROPOSED INTERSECTION CONTROLLER	☒
EXISTING MASTER CONTROLLER	EMC
PROPOSED MASTER CONTROLLER	PMC
MASTER MASTER CONTROLLER	MMC
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS	☐
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	☐
EXISTING INTERSECTION LOOP DETECTORS	P
PROPOSED SAMPLING (SYSTEM) DETECTORS	ES
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	24
PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	24
EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	12
PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	12
EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	6
PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	6
EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	2
PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	2
EXISTING ELECTRIC CABLE, 1/C NO. 10	1
PROPOSED ELECTRIC CABLE, 1/C NO. 14	1
EXISTING TELEPHONE CONNECTION	T
PROPOSED TELEPHONE CONNECTION	T
EXISTING RAILROAD CONTROL CABINET	☒

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA, GALVANIZED STEEL	FOOT	3942
CONDUIT PUSHED, 2" DIA, GALVANIZED STEEL	FOOT	448
CONDUIT ATTACHED TO STRUCTURE, 2" DIA, GALVANIZED STEEL	FOOT	280
HANDHOLE	EACH	5
MASTER CONTROLLER	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3866
DRILL EXISTING HANDHOLE	EACH	16
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5599
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	5599
RAILROAD PROTECTIVE LIABILITY INSURANCE	L. SUM	1

SETON ENGINEERING
 SERVICE CORPORATION
 CIVIL ENGINEERS
 19 S. BOTHWELL STREET
 PALATINE, ILLINOIS 60067
 VOICE: 847-776-7200 FAX: 847-776-7239

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCONNECT SCHEMATIC
 OAKTON AVENUE
 FROM RIVER DRIVE TO GROSS POINT ROAD
 MORTON GROVE, IL

SCALE: NONE 50'
 DATE: 09-20-2004

DRAWN BY: BR
 DESIGNED BY: VO
 CHECKED BY: TJM