



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**SCHEDULE OF QUANTITIES STAGE I**  
INTERCONNECT PLAN (WASHINGTON STREET)

QUANT.	UNIT	ITEM
3865	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
305	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
7	EACH	HANDHOLE
5226	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
5226	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F
1	EACH	DRILL EXISTING HANDHOLE
2	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3865	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL II

**INTERCONNECT SCHEMATIC LEGEND**

EXISTING INTERSECTION CONTROLLER		EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
PROPOSED INTERSECTION CONTROLLER		PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	
EXISTING MASTER CONTROLLER		EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	
PROPOSED MASTER CONTROLLER		PROPOSED INTERCONNECT CABLE - NO. 16 3 PAIR TWISTED, SHIELDED	
MASTER MASTER CONTROLLER		PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	
EXISTING INTERSECTION LOOP DETECTORS		EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)	
PROPOSED SAMPLING (SYSTEM) DETECTORS		PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)	
EXISTING SAMPLING (SYSTEM) DETECTORS		EXISTING INTERCONNECT CABLE - NO. 62.5/125, 36F FIBER OPTIC CABLE	
PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS		PROPOSED FIBER OPTIC CABLE IN CONDUIT - NO. 62.5/125, MM12F SM24F	
EXISTING SAMPLING (SYSTEM) DETECTORS		PROPOSED INTERCONNECT CABLE - NO. 62.5/125, MM12F SM12F	
PROPOSED SAMPLING (SYSTEM) DETECTORS		EXISTING INTERCONNECT CABLE - NO. 62.5/125, MM12F SM12F	
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS		EXISTING TELEPHONE CONNECTION	
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED TELEPHONE CONNECTION	
EXISTING SAMPLING (SYSTEM) DETECTORS		EXISTING ISDN TELEPHONE CONNECTION	
PROPOSED SAMPLING (SYSTEM) DETECTORS		PROPOSED ISDN TELEPHONE CONNECTION	

MATCH LINE SEE SHEET 3 OF 3

EXISTING PERMANENT SIGNAL WITH VIDEO, PTZ AND ISDN LINE

PLANS PREPARED BY:  
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REVISIONS	
NAME	DATE
PER IDOT/LCDOT REVIEW	02-15-05
PER LCDOT REVIEW	09-01-05
R-2 PLANS STAGED	06-02-06
REV.-5 PRE-FINAL SUB	02-20-09
PS&E SUBMITTAL	04-10-09

LAKE COUNTY DIVISION OF TRANSPORTATION

**INTERCONNECT SCHEMATIC**

SHEET 2 OF 2

SCALE: NONE  
DATE: 10-25-04

DRAWN BY: CGP  
DESIGNED BY: JRD  
CHECKED BY: BLS