
















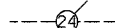


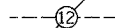
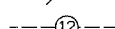
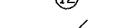
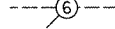
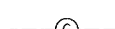

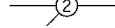




INTERCONNECT SCHEMATIC LEGEND

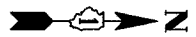
- EXISTING INTERSECTION CONTROLLER 
- PROPOSED INTERSECTION CONTROLLER 

- EXISTING MASTER CONTROLLER 
- PROPOSED MASTER CONTROLLER 
- MASTER MASTER CONTROLLER 

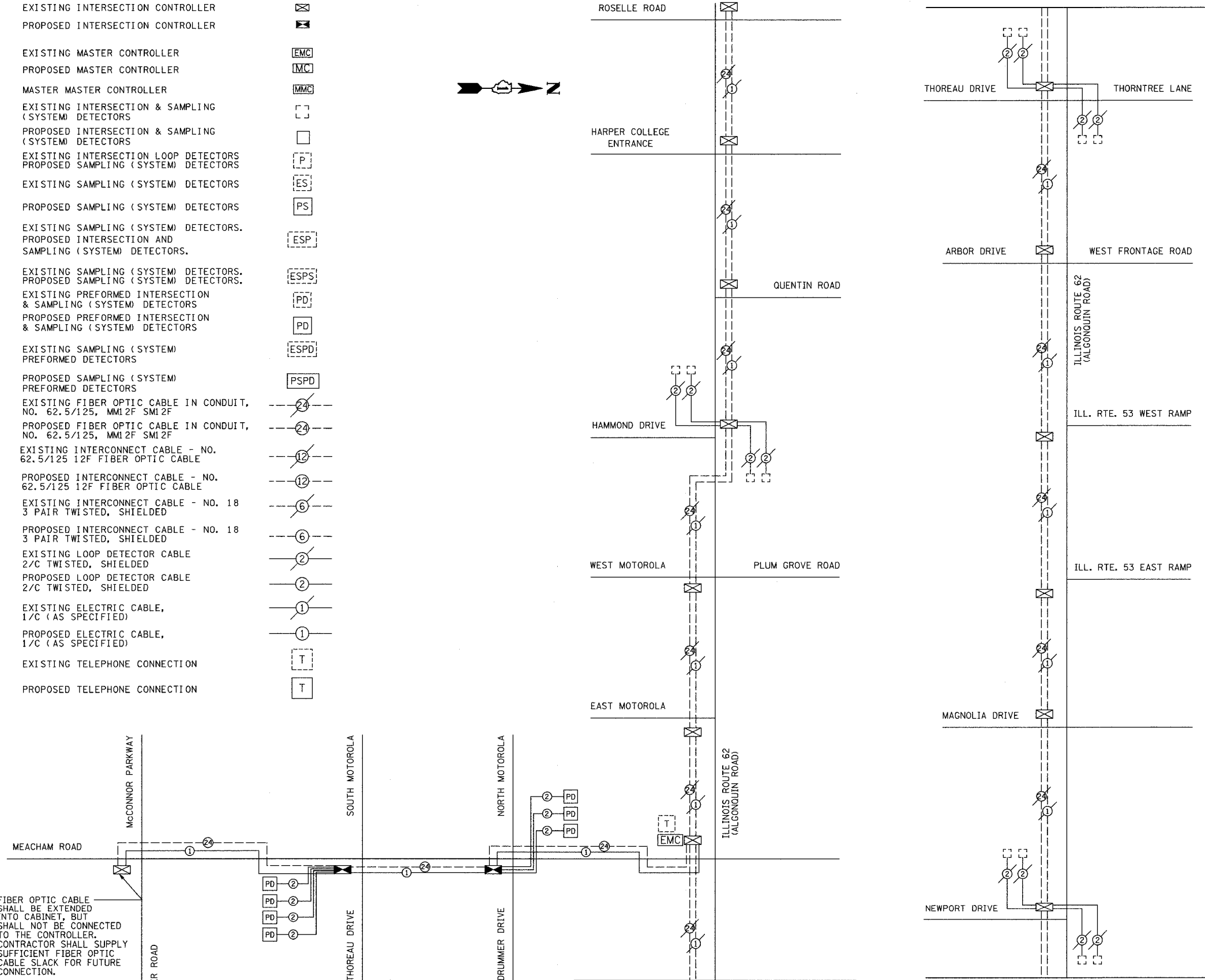
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- EXISTING INTERSECTION LOOP DETECTORS 
- PROPOSED SAMPLING (SYSTEM) DETECTORS 
- EXISTING SAMPLING (SYSTEM) DETECTORS 
- PROPOSED SAMPLING (SYSTEM) DETECTORS 
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS. 
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS. 
- EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS 
- PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS 

- 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) 

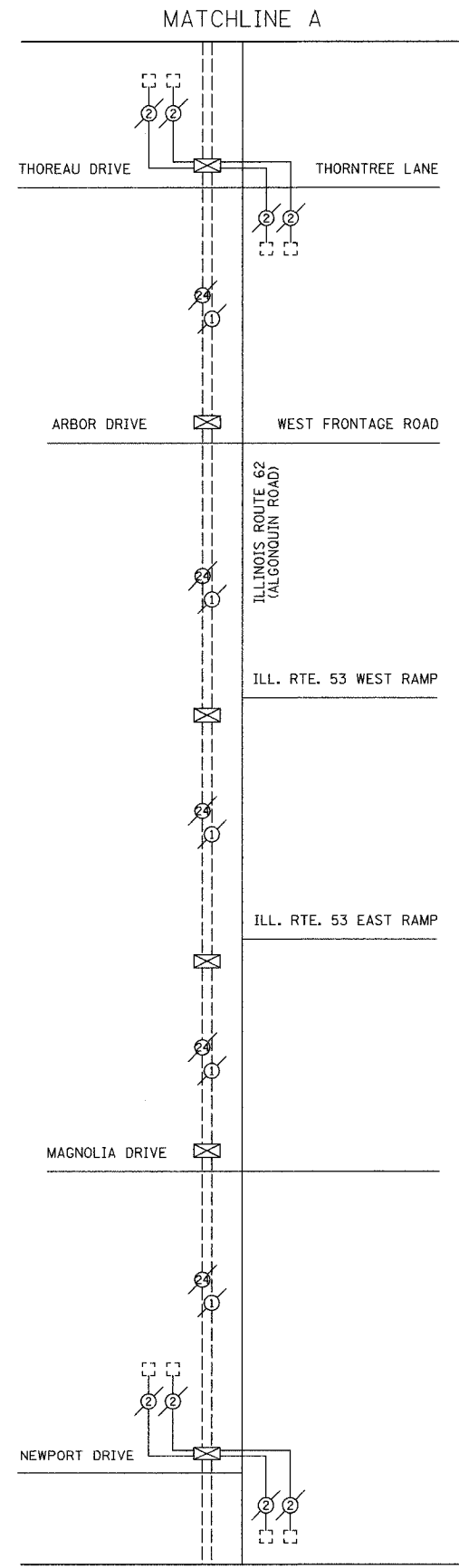
- EXISTING TELEPHONE CONNECTION 
- PROPOSED TELEPHONE CONNECTION 



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	00-00068-01-WR	COOK	145	97
STA. XXX+XX		TO STA. XXX+XX		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NUMBER 83785				



NOTE: FIBER OPTIC CABLE SHALL BE EXTENDED INTO CABINET, BUT SHALL NOT BE CONNECTED TO THE CONTROLLER. CONTRACTOR SHALL SUPPLY SUFFICIENT FIBER OPTIC CABLE SLACK FOR FUTURE CONNECTION.



INTERCONNECT SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2044
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	43
HANDHOLE	EACH	5
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2044
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
DRILL EXISTING HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	5195
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	5267
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1
TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCONNECT SCHEMATIC
 AND SCHEDULE OF QUANTITIES
 ILLINOIS ROUTE 62 (ALGONQUIN ROAD)
 QUENTIN ROAD TO NEW WILKE ROAD
 MEACHAM ROAD
 TOWER ROAD TO ILL. RTE. 62 (ALGONQUIN ROAD)
 NOT TO SCALE
 DATE 12/20/04
 DESIGNED BY JJE
 CHECKED BY KMM