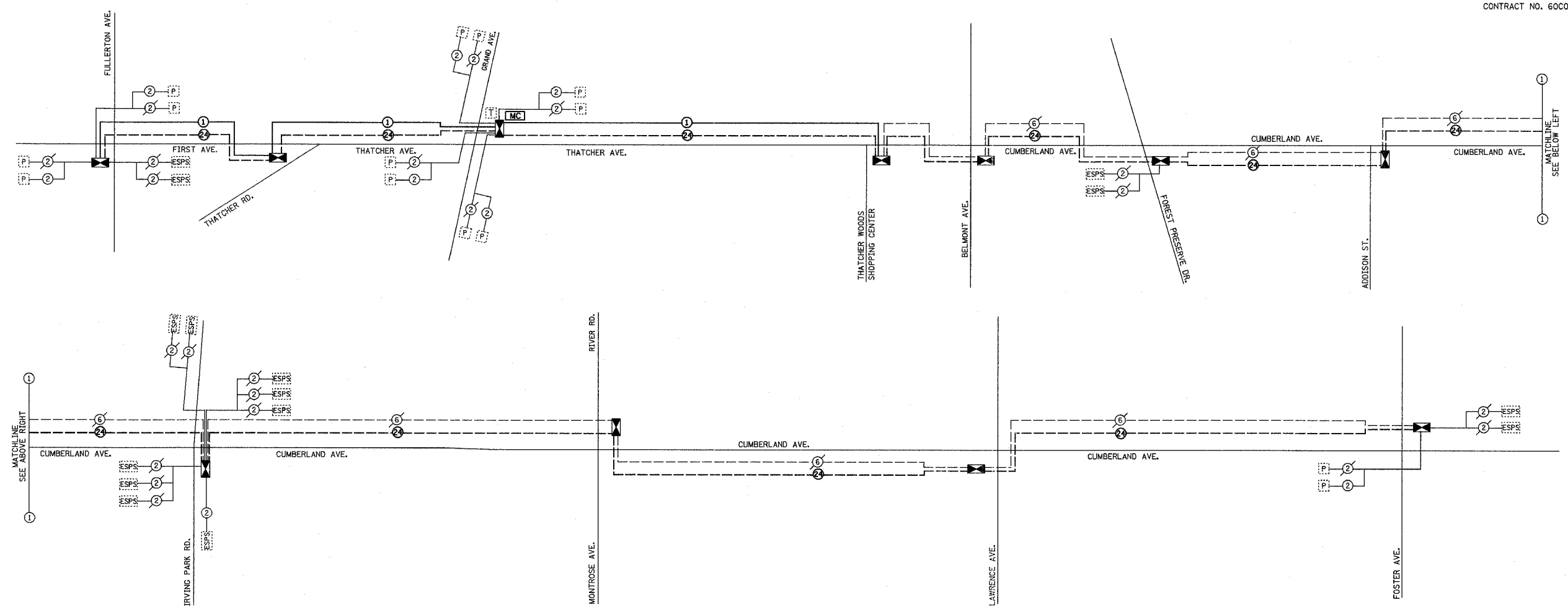
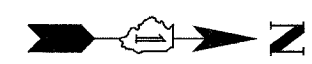


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2006-0397S	COOK	36	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60C01				



**INTERCONNECT SCHEMATIC LEGEND**

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 NO. 10	
PROPOSED SAMPLING (SYSTEM) DETECTORS		PROPOSED ELECTRIC CABLE, 1/C NO. 14	
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.		EXISTING TELEPHONE CONNECTION	
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS		PROPOSED TELEPHONE CONNECTION	
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS			
EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS			

**CONSTRUCTION NOTE:**  
 THE CONTRACTOR SHALL INSTALL NEW TRACER CABLE BETWEEN FULLERTON AVENUE AND THATCHER WOODS SHOPPING CENTER, AND SHALL RE-USE THE EXISTING INTERCONNECT CABLE AS TRACER CABLE BETWEEN THATCHER WOODS SHOPPING CENTER AND FOSTER AVENUE.

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1382
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	950
HANDHOLE	EACH	4
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1382
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5227
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM 12F & SM12F	FOOT	21137
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2748
DRILL EXISTING HANDHOLE	EACH	2
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L	1
RAILROAD PROTECTIVE LIABILITY INSURANCE	L	1
<b>SUM</b>		

**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**  
 IL RTE 171 (CUMBERLAND AVENUE)  
 FROM FULLERTON AVENUE TO FOSTER AVENUE  
 CHICAGO, ILL  
 SCALE: N.T.S.  
 DATE 10-23-06  
 DRAWN BY CWC, BR  
 DESIGNED BY VO  
 CHECKED BY TJM