

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1374	0106 WBS	COOK	22	20
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	D-91-106-07	

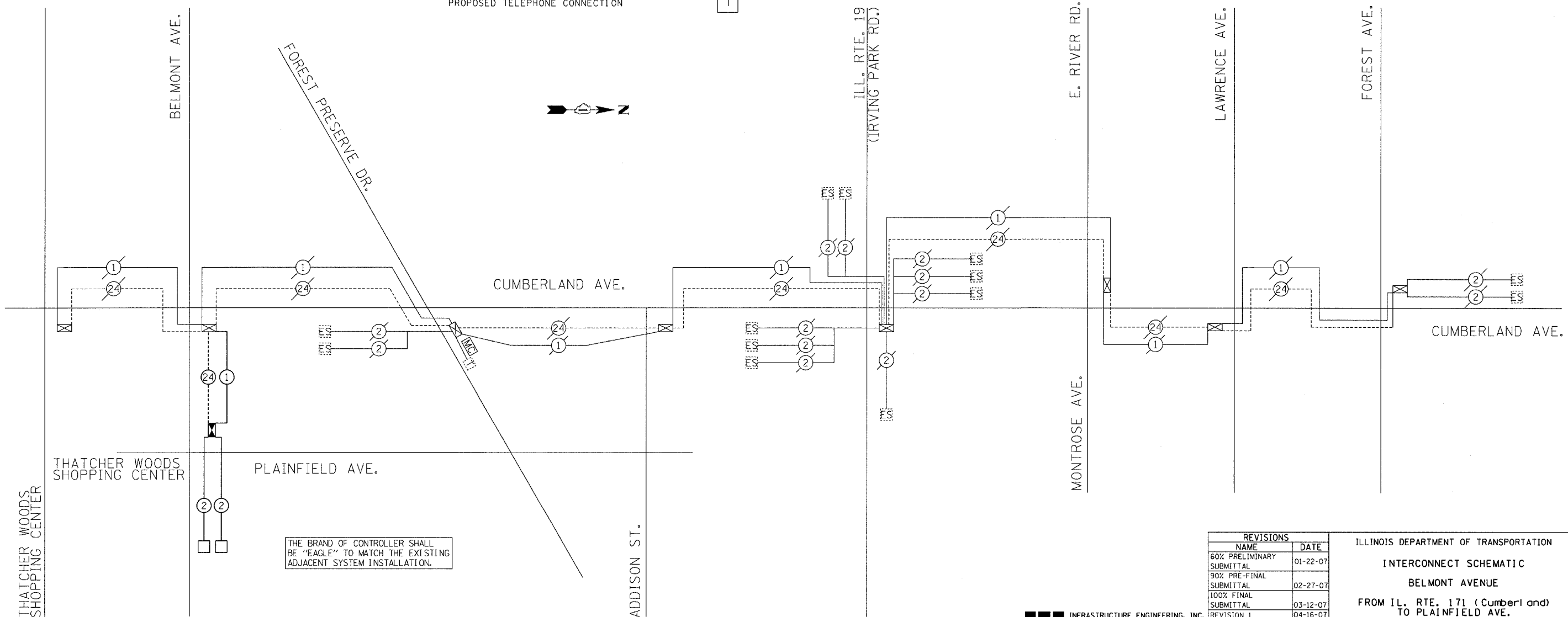
**INTERCONNECT SCHEMATIC LEGEND**

- EXISTING INTERSECTION CONTROLLER [X]
- PROPOSED INTERSECTION CONTROLLER [X]
- EXISTING MASTER CONTROLLER [EMC]
- PROPOSED MASTER CONTROLLER [MC]
- MASTER MASTER CONTROLLER [MMC]
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS [ ]
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS [ ]
- EXISTING INTERSECTION LOOP DETECTORS 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 [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 OR AS SPECIFIED) [1]
- PROPOSED ELECTRIC CABLE, 1/C (NO. 14 OR AS SPECIFIED) [1]
- EXISTING TELEPHONE CONNECTION [T]
- PROPOSED TELEPHONE CONNECTION [T]

**SCHEDULE OF QUANTITIES**

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	491
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	103
HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	491
DRILL EXISTING HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT TRACER, NO. 14 1C	FOOT	793
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	793



THE BRAND OF CONTROLLER SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM INSTALLATION.

PLOT DATE = #DATE#  
 PLOT SCALE = #SCALE#  
 USER NAME = #USER#

REVISIONS	
NAME	DATE
60% PRELIMINARY SUBMITTAL	01-22-07
90% PRE-FINAL SUBMITTAL	02-27-07
100% FINAL SUBMITTAL	03-12-07
REVISION 1	04-16-07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERCONNECT SCHEMATIC**  
**BELMONT AVENUE**  
**FROM IL. RTE. 171 (Cumberland) TO PLAINFIELD AVE.**  
 SCALE: VERT. NONE  
 HORIZ. DATE 04-16-07  
 DRAWN BY TPC  
 DESIGNED BY TPC  
 CHECKED BY ER

INFRASTRUCTURE ENGINEERING, INC.  
 33 W. MONROE ST., SUITE 1540  
 CHICAGO, IL. 60603-5322  
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