



**INTERCONNECT SCHEMATIC LEGEND**

- INTERSECTION CONTROLLER
- EXISTING INTERSECTION CONTROLLER
- MASTER CONTROLLER
- EXISTING MASTER CONTROLLER
- MASTER MASTER CONTROLLER
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
- EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
- TELEPHONE CONNECTION
- PROPOSED TRACER CABLE NO. 10 1C
- EXISTING INTERSECTION LOOP DETECTORS AND PROPOSED SAMPLING (SYSTEM) DETECTORS
- EXISTING TELEPHONE CONNECTION
- EXISTING TRACER CABLE 1/C (AS SPECIFIED)
- EXISTING SAMPLING (SYSTEM) DETECTORS
- PROPOSED SAMPLING (SYSTEM) DETECTORS
- UNINTERRUPTABLE POWER SUPPLY (UPS)

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM
1017	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F

**CONSTRUCTION NOTE:**

PULL BACK EXISTING TRACER CABLE AND RE-USE IN FINAL CONDITION. THIS WORK SHALL BE INCLUDED IN FIBER OPTIC PAY ITEM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 INTERCONNECT SCHEMATIC  
 U.S. RTE. 6 (159TH ST)  
 FROM PARK CENTER DR TO LARAMIE AVE  
 ILL. RTE. 43 (HARLEM AVE)  
 FROM 151ST ST TO 175TH ST

SCALE: VERT. NONE  
 HORIZ. 1"=40'  
 DATE 1-24-98  
 DRAWN BY APZ  
 DESIGNED BY RKF  
 CHECKED BY RKF