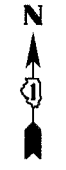
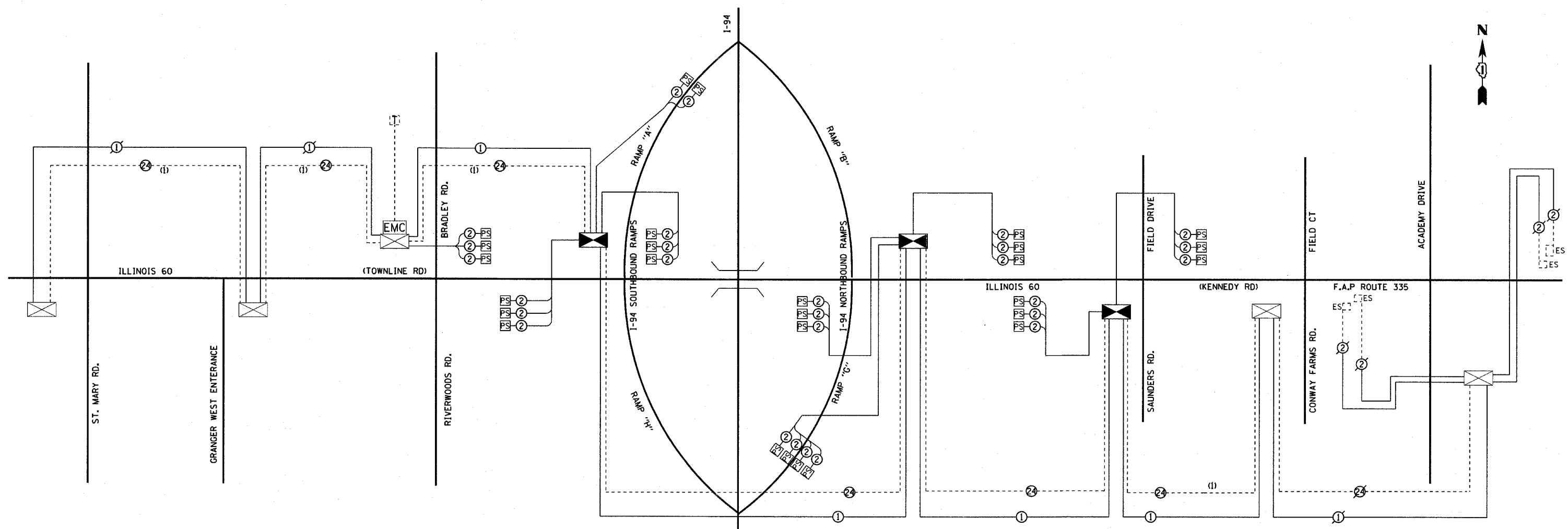


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	202
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**NOTE:**  
 THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING SYSTEM.

**INTERCONNECT SCHEMATIC LEGEND**

- |  |                                                                                     |  |                                                                  |
|--|-------------------------------------------------------------------------------------|--|------------------------------------------------------------------|
|  | PROPOSED INTERSECTION CONTROLLER                                                    |  | PROPOSED INTERCONNECT CABLE - NO. 18<br>3 PAIR TWISTED, SHIELDED |
|  | EXISTING INTERSECTION CONTROLLER                                                    |  | EXISTING INTERCONNECT CABLE - NO. 18<br>3 PAIR TWISTED, SHIELDED |
|  | MASTER MASTER CONTROLLER                                                            |  | PROPOSED LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED             |
|  | EXISTING MASTER CONTROLLER                                                          |  | EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED             |
|  | PROPOSED INTERSECTION CONTROLLER                                                    |  | PROPOSED TRACER CABLE NO. 14 1/C                                 |
|  | EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTOR                                  |  | EXISTING TRACER CABLE NO. 14 1/C                                 |
|  | PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTOR                                  |  | PROPOSED TELEPHONE CONNECTION                                    |
|  | EXISTING INTERSECTION DETECTOR AND PROPOSED SAMPLING (SYSTEM) DETECTOR              |  | EXISTING TELEPHONE CONNECTION                                    |
|  | EXISTING SAMPLING (SYSTEM) DETECTOR                                                 |  | EXISTING FIBER OPTIC CABLE (12F)<br>TO BE REMOVED FROM CONDUIT   |
|  | PROPOSED SAMPLING (SYSTEM) DETECTORS                                                |  |                                                                  |
|  | PROPOSED INTERCONNECT CABLE - NO. 62.5/125<br>2 MM 12F & SM 12F - FIBER OPTIC CABLE |  |                                                                  |
|  | EXISTING INTERCONNECT CABLE - NO. 62.5/125<br>2 MM 12F & SM 12F - FIBER OPTIC CABLE |  |                                                                  |

**SCHEDULE OF INTERCONNECT QUANTITIES**

- 1,754 FOOT CONDUIT IN TRENCH, 2" DIA. GALVANIZED STEEL
- 309 FOOT CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
- 2 EACH JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6"x6"x4"
- 3 EACH HANDHOLE
- 1,754 FOOT TRENCH AND BACKFILL FOR ELECTRICAL WORK
- 10,538 FOOT FIBER OPTIC CABLE IN CONDUIT NO 62.5/125, 24F
- 4,819 FOOT ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C
- 1 EACH DRILL EXISTING HANDHOLE
- 6,632 FOOT REMOVE ELECTRIC CABLE FROM CONDUIT
- 1 L SUM RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**ILL ROUTE 60  
 INTERCONNECT SCHEMATIC  
 ST. MARY'S ROAD TO ACADEMY DRIVE  
 SCHEDULE OF QUANTITIES**

S.N. \_\_\_\_\_ DESIGNED BY: JM  
 SCALE: NOT TO SCALE DRAWN BY: PK  
 DATE: MAY 8, 2007 CHECKED BY: CK