

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2005-058-TS	LAKE	23	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

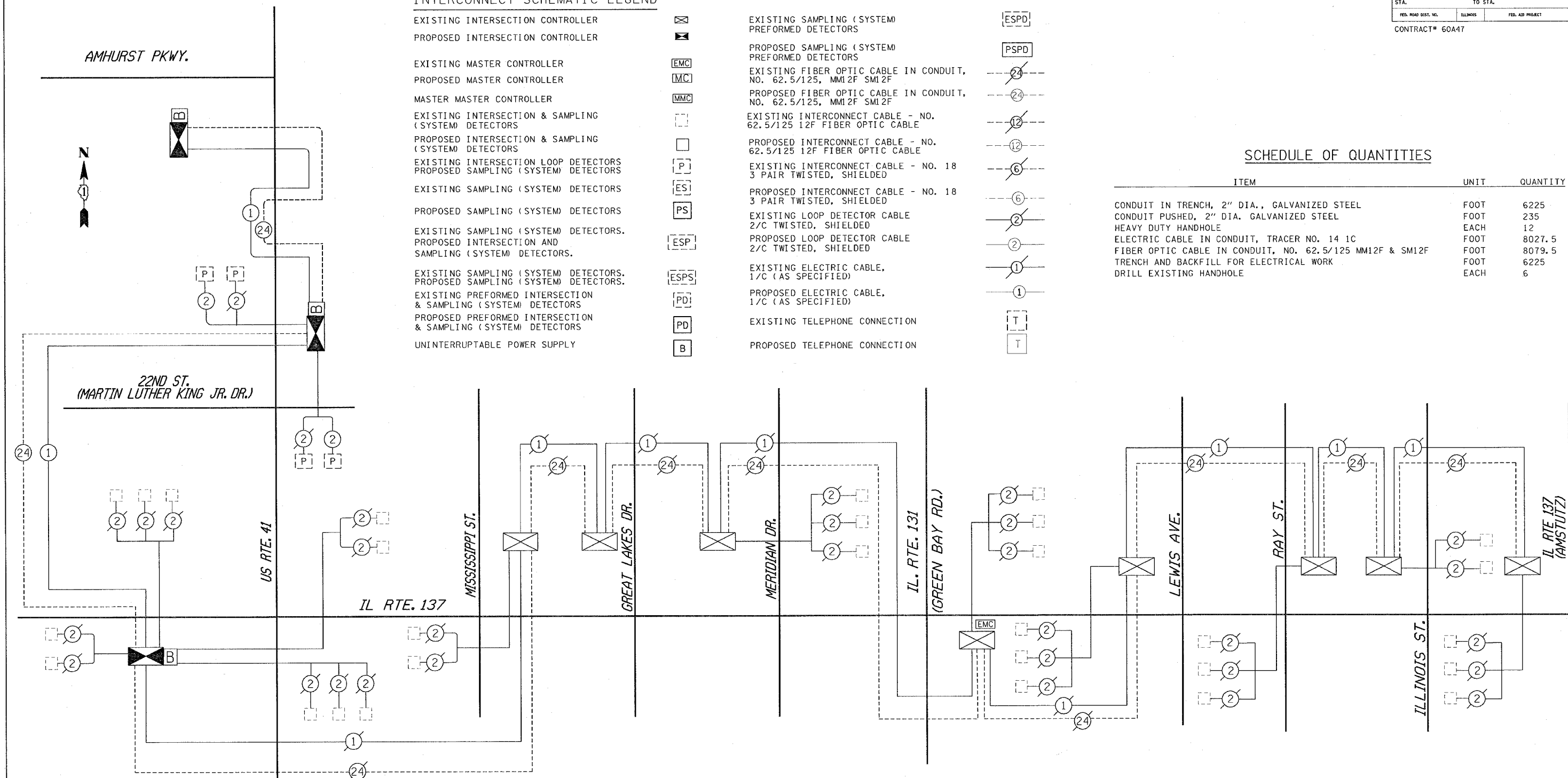
CONTRACT# 60A47

**INTERCONNECT SCHEMATIC LEGEND**

- |  |  |  |  |
|--|--|--|--|
| EXISTING INTERSECTION CONTROLLER   |  | EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS                   |  |
| PROPOSED INTERSECTION CONTROLLER   |  | PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS                   |  |
| EXISTING MASTER CONTROLLER   |  | EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F |  |
| PROPOSED MASTER CONTROLLER   |  | PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F |  |
| MASTER MASTER CONTROLLER   |  | EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |  |
| EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS  |  | PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE |  |
| PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS  |  | EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED    |  |
| EXISTING INTERSECTION LOOP DETECTORS   |  | PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED    |  |
| PROPOSED SAMPLING (SYSTEM) DETECTORS   |  | EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED               |  |
| EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS. |  | PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED               |  |
| EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.                  |  | EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)                      |  |
| EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS                                |  | PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)                      |  |
| PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS                                |  | EXISTING TELEPHONE CONNECTION                                    |  |
| UNINTERRUPTABLE POWER SUPPLY   |  | PROPOSED TELEPHONE CONNECTION                                    |  |

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	6225
CONDUIT PUSHED, 2" DIA. GALVANIZED STEEL	FOOT	235
HEAVY DUTY HANDHOLE	EACH	12
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	8027.5
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F	FOOT	8079.5
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6225
DRILL EXISTING HANDHOLE	EACH	6



INTERCONNECT SCHEMATIC

<p><b>MORRIS ENGINEERING, INC.</b>          5100 S. LINCOLN AVE. (RTE. 53)          LITTLE, IL 60532-2119          PHONE: 630-271-0770          FAX: 630-271-0774</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>NAME</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		NAME	DATE											<p>ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p><b>INTERCONNECT SCHEMATIC</b></p> <p>U.S. RTE. 41 / MARTIN LUTHER KING JR. DRIVE</p> <p>SCALE : NTS DATE : 1/31/07</p> <p>DRAWN BY : PRT DESIGNED BY : RKF CHECKED BY : JVV</p>
	NAME	DATE													