

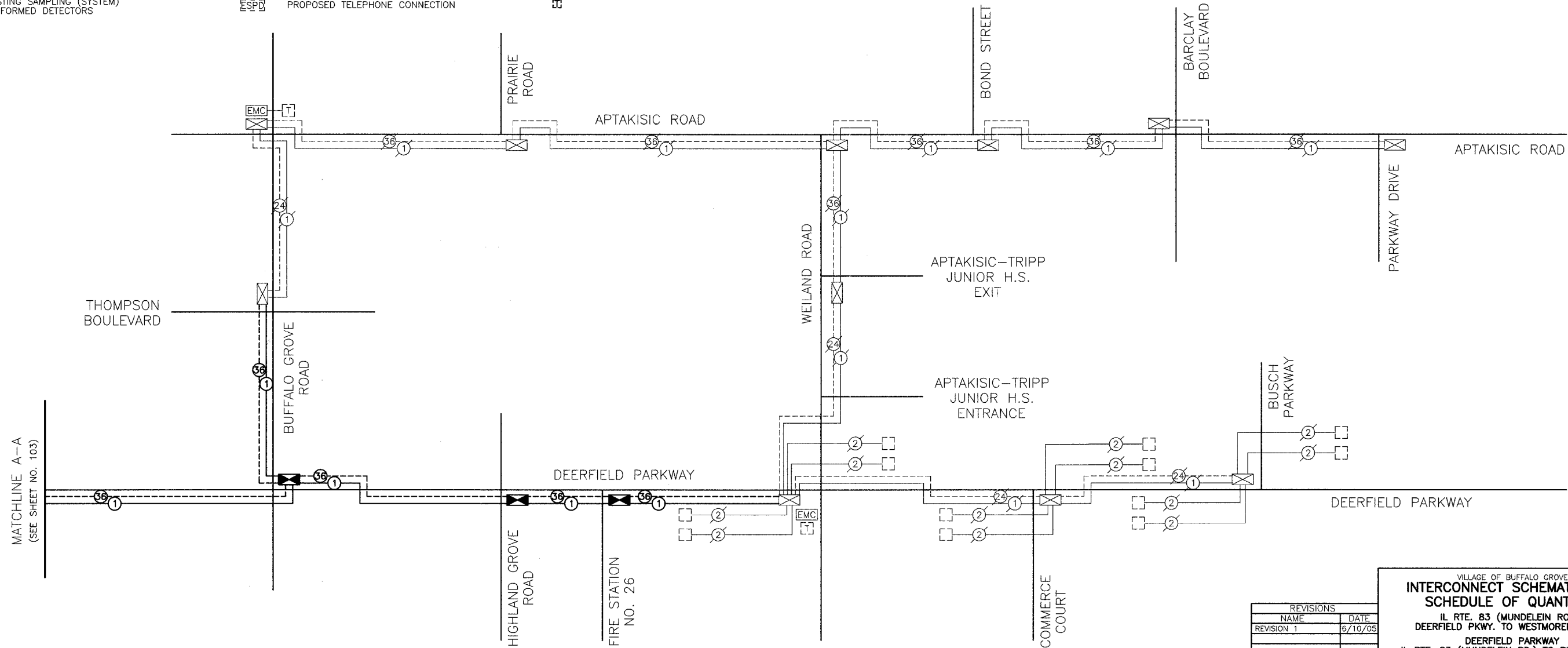
FILE #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH	A47	LAKE	176	102
STA.	TO STA.			
03-00088-00-FP	ELNOR	SURFACE TRANSPORTATION FUNDING		
CONTRACT NUMBER 83807				

**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, MM24F SM12F          |  |
| MASTER MASTER CONTROLLER   |  | PROPOSED INTERCONNECT CABLE - NO. 62.5/125, MM24F SM12F          |  |
| 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 SAMPLING (SYSTEM) 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 PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS |  | EXISTING ELECTRIC CABLE 1/C (AS SPECIFIED)                       |  |
| EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS |  | PROPOSED ELECTRIC CABLE 1/C (AS SPECIFIED)                       |  |
| EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS |  | EXISTING TELEPHONE CONNECTION                                    |  |
| EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS |  | PROPOSED TELEPHONE CONNECTION                                    |  |

**INTERCONNECT SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	QNTY.
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	6473
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	626
HANDHOLE	EACH	11
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6473
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3
DRILL EXISTING HANDHOLE	EACH	3
MODIFY EXISTING CONTROLLER	EACH	3
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	9922
REBUILD EXISTING HANDHOLE	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM24F SM 12F	FOOT	10064
TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1



REVISIONS	
NAME	DATE
REVISION 1	6/10/05

VILLAGE OF BUFFALO GROVE  
**INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES**  
 IL RTE. 83 (MUNDELEIN ROAD)  
 DEERFIELD PKWY. TO WESTMORELAND DR.  
 DEERFIELD PARKWAY  
 IL RTE. 83 (MUNDELEIN RD.) TO BUSCH PKWY.  
 DATE: 6/2/2005  
 DESIGNED BY: BRD  
 TECHNICIAN: BRD  
 CHECKED BY: KMM  
 SCALE: NOT TO SCALE

**BID SET**