

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	02-00165-00-RP	DUPAGE	87	54
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 83768

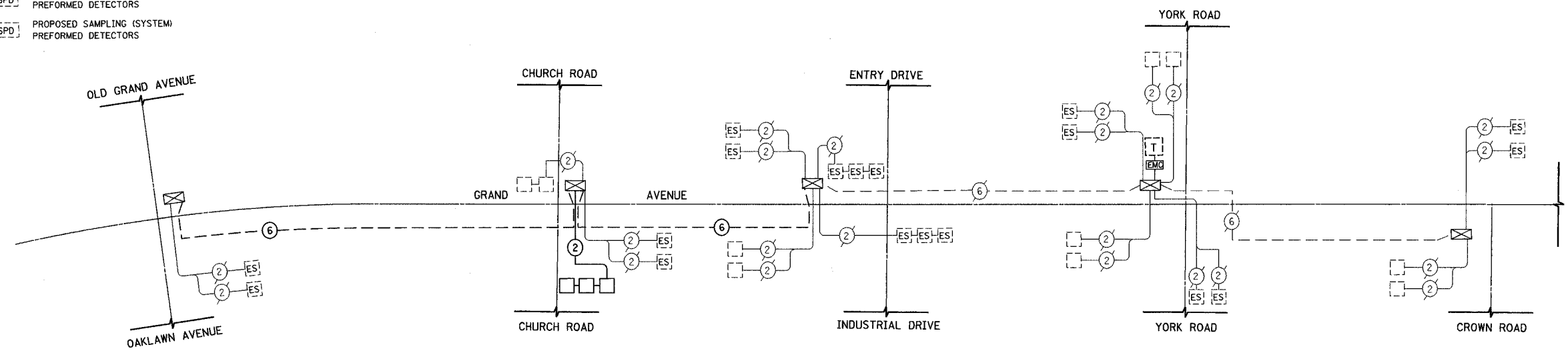
**INTERCONNECT SCHEMATIC LEGEND**

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

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

**SYSTEM INTERCONNECT SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM
220	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
220	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
3	EACH	DRILL EXISTING HANDHOLE
1	L. SUM	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM
3	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3260	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
3260	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR



PLAN

DESIGNED	DATE
CHECKED	
PLOTTED	
ALIGNED	
NOTED	
FILED	
NO.	

PROFILE

DESIGNED	DATE
CHECKED	
PLOTTED	
ALIGNED	
NOTED	
FILED	
NO.	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES**  
 GRAND AVENUE

DATE 7-9-04  
 DRAWN BY ALS  
 CHECKED BY MJL

NO SCALE