





























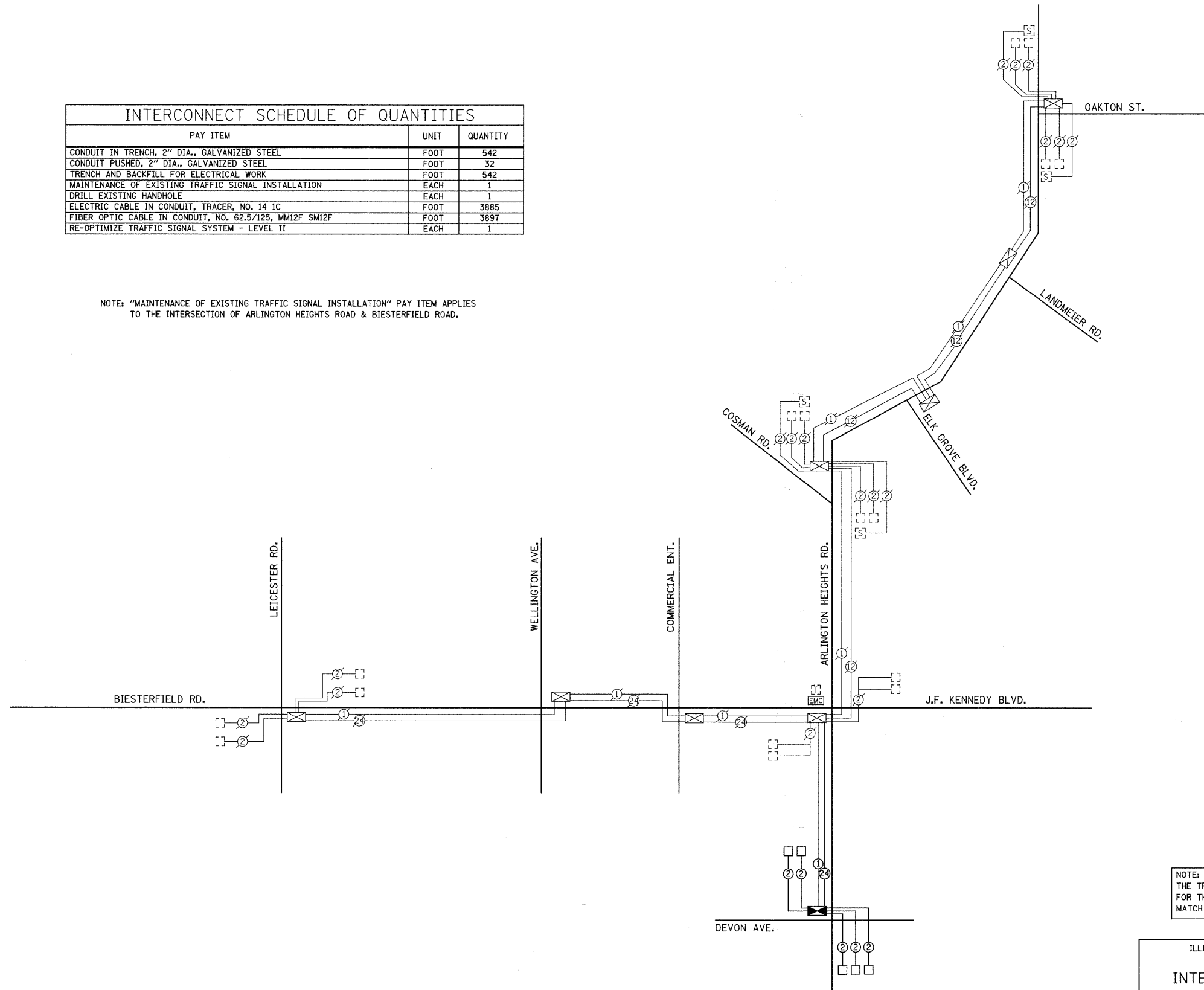
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1346 & 2626	05-00050-00-CH	COOK/DUPAGE	94	48
INTERCONNECT SCHEMATIC				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT M-8003569				

INTERCONNECT SCHEMATIC LEGEND

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

INTERCONNECT SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	542
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	32
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	542
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3885
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3897
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL II	EACH	1

NOTE: "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION" PAY ITEM APPLIES TO THE INTERSECTION OF ARLINGTON HEIGHTS ROAD & BIESTERFIELD ROAD.



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

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC

DEVON AVENUE AND
ARLINGTON HEIGHTS ROAD

SCALE: NONE

DATE: 5/27/08
DESIGNED BY: BRD
CHECKED BY: JJE