

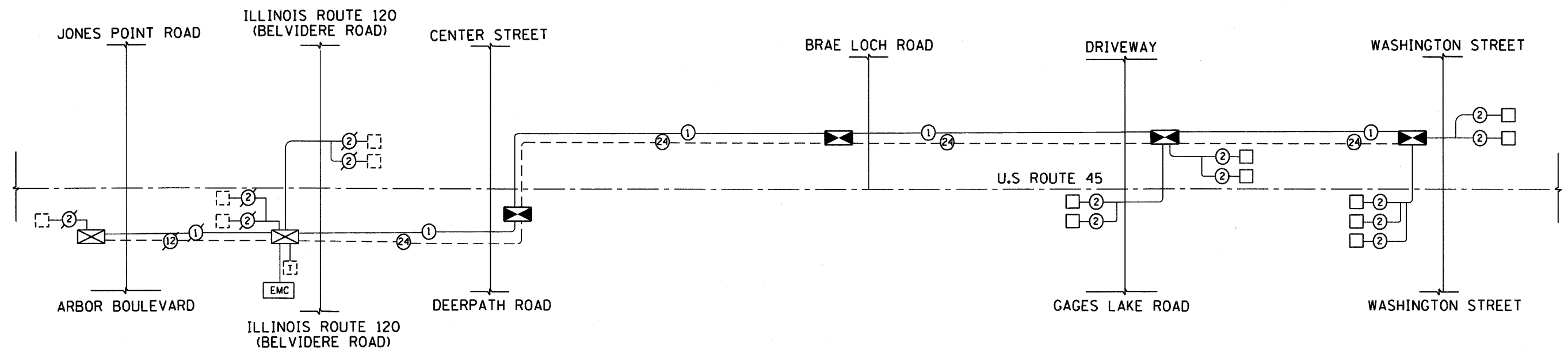
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
344	146-1S&47WRS-2	LAKE	234	161
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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



SYSTEM INTERCONNECT SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
4846	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
255	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
6	EACH	HANDHOLE
9562	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
9622	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
4846	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
3	EACH	DRILL EXISTING HANDHOLE
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2
8	EACH	REMOVE EXISTING HANDHOLE
1	EACH	TEMPORARY TRAFFIC SIGNAL INTERCONNECT



INTERCONNECT SCHEMATIC LEGEND

- INTERSECTION CONTROLLER
- EXISTING INTERSECTION CONTROLLER
- EXISTING MASTER CONTROLLER
- MASTER MASTER CONTROLLER
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- INTERCONNECT CABLE-NO. 62.5/125 24F, 12MM, 12SM FIBER OPTIC CABLE
- LOOP DETECTOR CABLE-2/C TWISTED, SHIELDED
- EXISTING INTERCONNECT CABLE-NO. 62.5/125 12F FIBER OPTIC CABLE
- EXISTING LOOP DETECTOR CABLE-2/C TWISTED, SHIELDED
- PROPOSED TRACER CABLE NO. 14 1C
- EXISTING TELEPHONE CONNECTION
- EXISTING TRACER CABLE 1/C (AS SPECIFIED)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**INTERCONNECT SCHEMATIC**

U.S. ROUTE 45  
JONES POINT ROAD/ARBOR BOULEVARD TO  
WASHINGTON STREET

DATE 12/14/09  
DRAWN BY MB/AJP  
CHECKED BY KMM

SCALE: NONE



12/14/09 - g:\401\2000\0005302\cod\shah\intschcn2broe\_116.sht