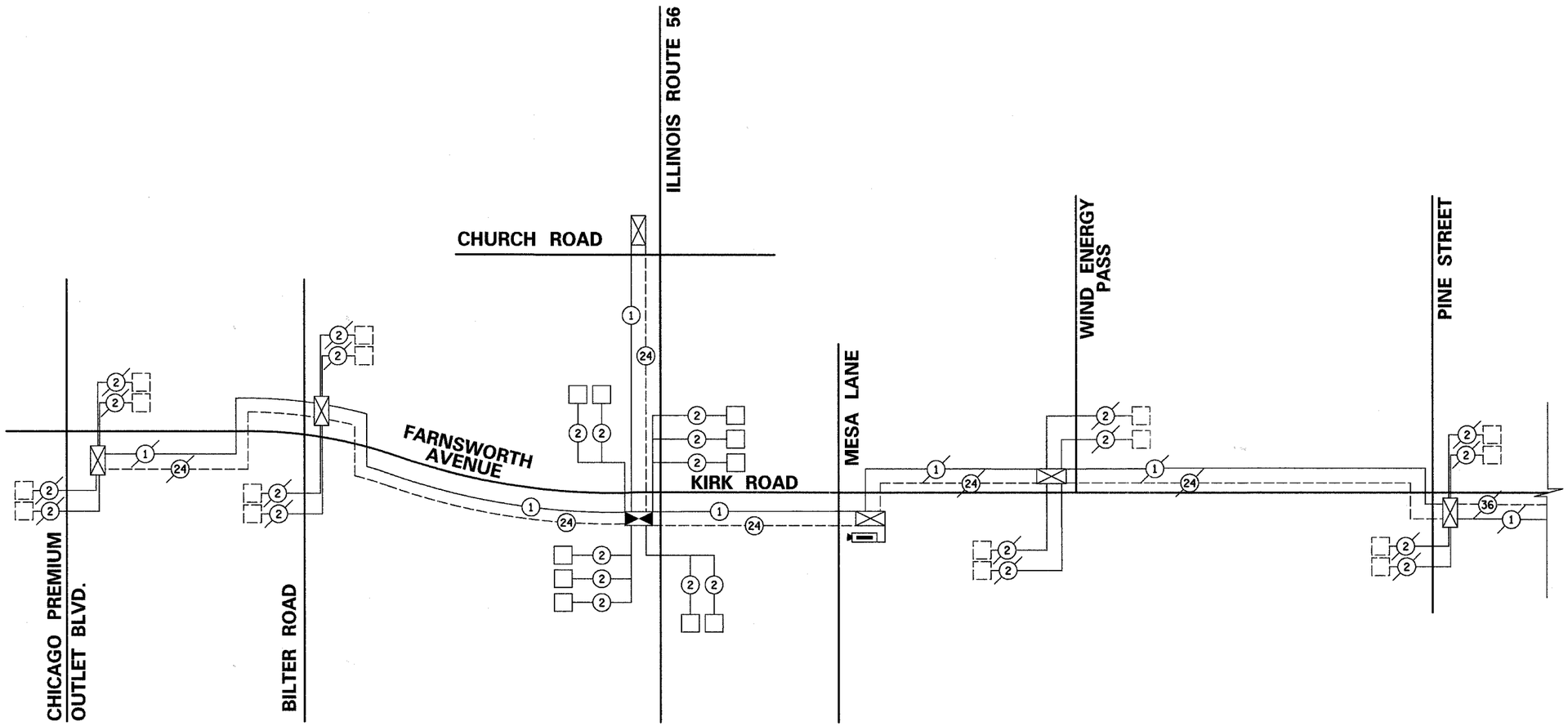
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	106
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

N.T.S.



INTERCONNECT SCHEMATIC LEGEND

- EXISTING INTERSECTION CONTROLLER
- PROPOSED INTERSECTION CONTROLLER
- EMC — EXISTING MASTER CONTROLLER
- MC — PROPOSED MASTER CONTROLLER
- MMC — MASTER MASTER CONTROLLER
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- P — EXISTING INTERSECTION LOOP DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS
- ES — EXISTING SAMPLING (SYSTEM) DETECTORS
- PS — PROPOSED SAMPLING (SYSTEM) DETECTORS
- ESP — EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- ESPS — EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS
- PD — EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- PD — PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- ESPD — EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS
- PSPD — PROPOSEED SAMPLING (SYSTEM) PREFORMED DETECTORS
- (24) — EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
- (24) — PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
- (12) — EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- (12) — PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
- (6) — EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- (6) — PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- (2) — EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
- (2) — PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
- (1) — EXISTING ELECTRIC CABLE 1/C (AS SPECIFIED)
- (1) — PROPOSED ELECTRIC CABLE 1/C (AS SPECIFIED)
- T — EXISTING TELEPHONE CONNECTION
- T — PROPOSED TELEPHONE CONNECTION
- PAN-TITLT-ZOOM CAMERA

PLAN: SURVEYED; PLOTTED; DRAWN; QUANTITIES CHECKED; ALIGNMENT CHECKED; RT. OF WAY CHECKED; CADD FILE NAME; NOTE BOOK; NO. ____; BY; DATE

PROFILE: SURVEYED; PLOTTED; DRAWN; QUANTITIES CHECKED; B.M. NOTED; STRUCTURE NO'S & TYPE CHK'D; NOTE BOOK; NO. ____; BY; DATE

INTERCONNECT SCHEDULE OF QUANTITIES:

CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	801
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	46
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	801
DRILL EXISTING HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3209
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3209

NOTES:
1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
2. THE FIBER OPTIC AND TRACER CABLES FOR THE PROPOSED TRAFFIC SIGNAL INTERCONNECT TO BILTER ROAD WERE PROVIDED BY THE CITY OF AURORA AS PART OF AN ADJACENT ROADWAY IMPROVEMENT.

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES (SHEET 1 OF 2)

SCALE: VERT. N/A; HORIZ. N.T.S.
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

J:\Highway\Projects\2001\01-00273-00-ch\Roadway\Interconnect\Kirk_Farnsworth_Interconnect_Schematic_Sheet1.dgn
4/7/2007