




























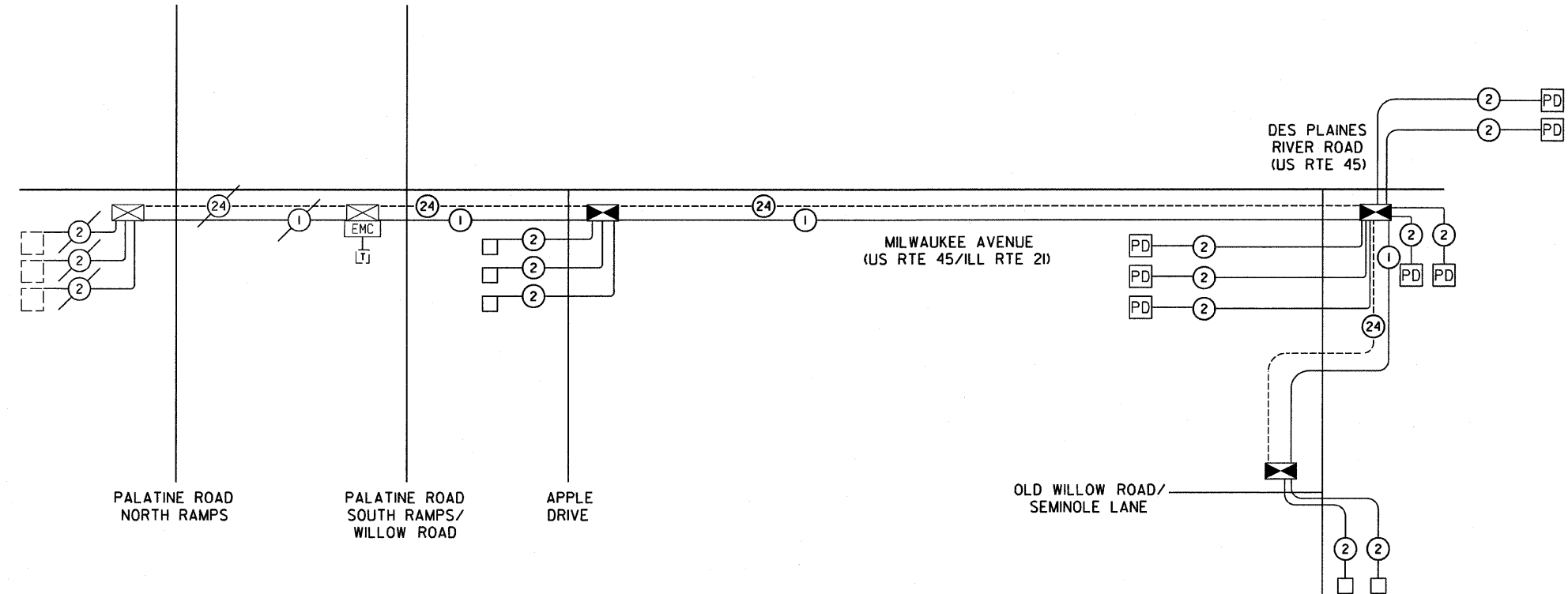


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	326BF-R-1	COOK	279	198
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 62387		

INTERCONNECT SCHEMATIC LEGEND

- EXISTING INTERSECTION CONTROLLER 
- PROPOSED INTERSECTION CONTROLLER 
- EXISTING MASTER CONTROLLER 
- PROPOSED MASTER CONTROLLER 
- MASTER MASTER CONTROLLER 
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- EXISTING INTERSECTION LOOP DETECTORS (SYSTEM) 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 PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS 
- EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS 
- PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS 
- EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SMI2F 
- PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SMI2F 
- 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 



- NOTES:
- THE ITEM "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION" IS PROVIDED FOR USE AT THE INTERSECTION OF MILWAUKEE AVENUE (US RTE 45/ILL RTE 21) AT PALATINE ROAD SOUTH RAMP/WILLOW ROAD.
 - THE EXISTING INTERCONNECT CABLE AND TRACER CABLE IS TO BE REMOVED FROM ALL EXISTING CONDUIT BETWEEN APPLE DRIVE AND PALATINE ROAD SOUTH RAMP/WILLOW ROAD THAT WILL REMAIN IN USE AS PART OF THE PROPOSED INTERCONNECT.

INTERCONNECT SCHEDULE OF QUANTITIES

CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	873
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	534
HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	873
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	100
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 IC	FOOT	2828
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL II	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SMI2F	FOOT	2828

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
MILWAUKEE AVENUE
(US RTE 45/ILL RTE 21)

SCALE: NONE
DATE: 02/05/08

DRAWN BY: RAS
DESIGN BY: RAS
CHECKED BY: ADO

SPAAN Tech, Inc.

311 S. Wacker Drive, Suite 2400
Chicago, Illinois 60606

phone: 312.277.8800
fax: 312.277.8808
web: www.SpaanTech.com

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