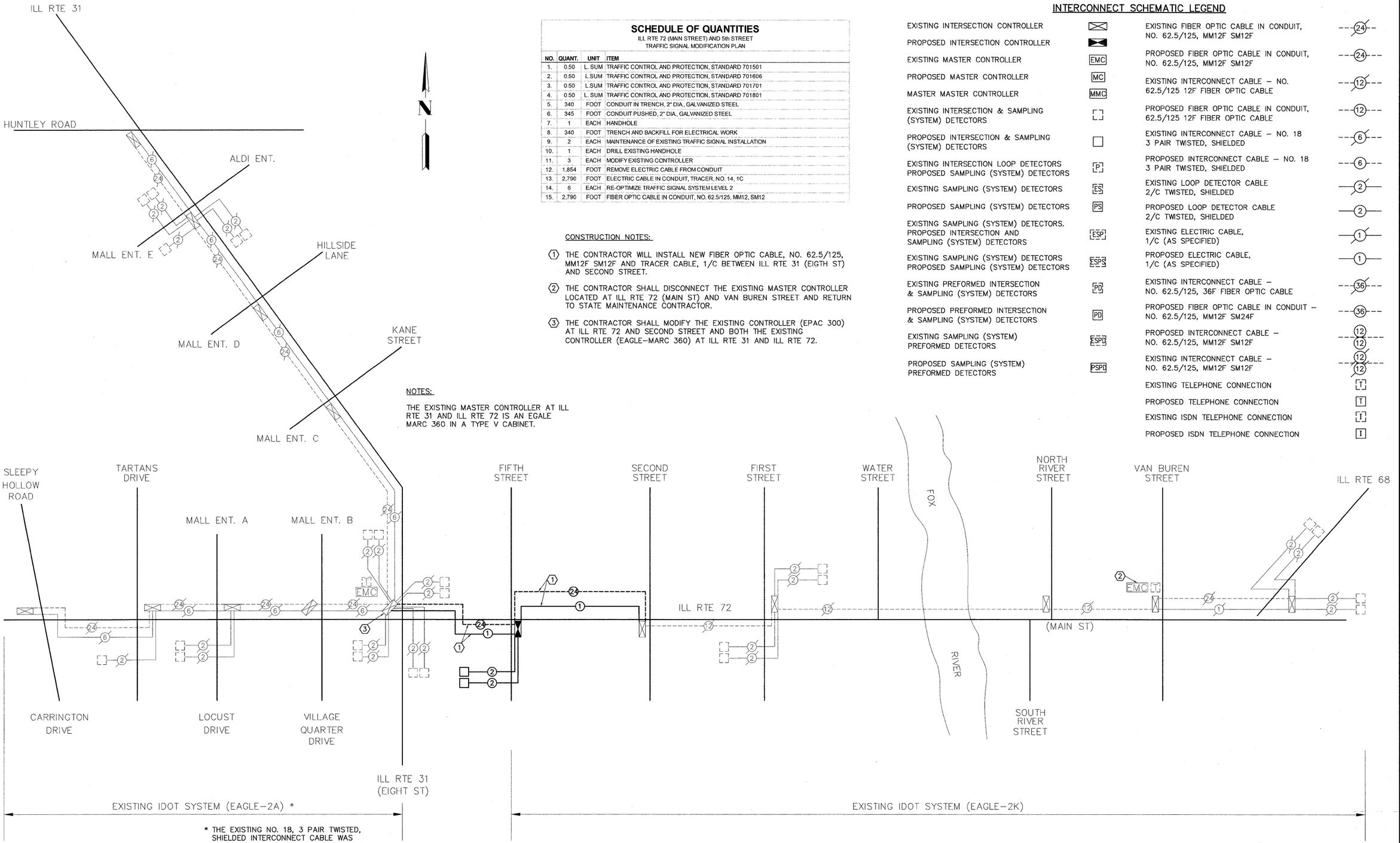

* THE EXISTING NO. 18, 3 PAIR TWISTED, SHIELDED INTERCONNECT CABLE WAS REUSED AS THE TRACER CABLE FOR THE CURRENT INTERCONNECT SYSTEM.

SCHEDULE OF QUANTITIES

ILL RTE 72 (MAIN STREET) AND 5th STREET
TRAFFIC SIGNAL MODIFICATION PLAN

NO.	QUANT.	UNIT	ITEM
1.	0.50	L. SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501
2.	0.50	L.SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606
3.	0.50	L.SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701
4.	0.50	L. SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801
5.	340	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
6.	345	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
7.	1	EACH	HANDHOLE
8.	340	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
9.	2	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
10.	1	EACH	DRILL EXISTING HANDHOLE
11.	3	EACH	MODIFY EXISTING CONTROLLER
12.	1,854	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
13.	2,790	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14, 1C
14.	6	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2
15.	2,790	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12, SM12

CONSTRUCTION NOTES:

1. THE CONTRACTOR WILL INSTALL NEW FIBER OPTIC CABLE, NO. 62.5/125, MM12F SM12F AND TRACER CABLE, 1/C BETWEEN ILL RTE 31 (EIGTH ST) AND SECOND STREET.
2. THE CONTRACTOR SHALL DISCONNECT THE EXISTING MASTER CONTROLLER LOCATED AT ILL RTE 72 (MAIN ST) AND VAN BUREN STREET AND RETURN TO STATE MAINTENANCE CONTRACTOR.
3. THE CONTRACTOR SHALL MODIFY THE EXISTING CONTROLLER (EPAC 300) AT ILL RTE 72 AND SECOND STREET AND BOTH THE EXISTING CONTROLLER (EAGLE-MARC 360) AT ILL RTE 31 AND ILL RTE 72.

NOTES:

THE EXISTING MASTER CONTROLLER AT ILL RTE 31 AND ILL RTE 72 IS AN EGALE MARC 360 IN A TYPE V CABINET.

INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER	⊠	EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	-24-
PROPOSED INTERSECTION CONTROLLER	⊠	PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	-24-
EXISTING MASTER CONTROLLER	EMC	EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	-12-
PROPOSED MASTER CONTROLLER	MC	PROPOSED FIBER OPTIC CABLE IN CONDUIT, 62.5/125 12F FIBER OPTIC CABLE	-12-
MASTER MASTER CONTROLLER	MMC	EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	-6-
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS	⊡	PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	-6-
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	□	EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	-2-
EXISTING INTERSECTION LOOP DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS	P	PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	-2-
EXISTING SAMPLING (SYSTEM) DETECTORS	ES	EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)	-1-
PROPOSED SAMPLING (SYSTEM) DETECTORS	PS	PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)	-1-
EXISTING SAMPLING (SYSTEM) DETECTORS. PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS	ESP	EXISTING INTERCONNECT CABLE - NO. 62.5/125, 36F FIBER OPTIC CABLE	-36-
EXISTING SAMPLING (SYSTEM) DETECTORS PROPOSED SAMPLING (SYSTEM) DETECTORS	ESPS	PROPOSED FIBER OPTIC CABLE IN CONDUIT - NO. 62.5/125, MM12F SM24F	-36-
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	PD	PROPOSED INTERCONNECT CABLE - NO. 62.5/125, MM12F SM12F	-12- -12-
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	PD	EXISTING INTERCONNECT CABLE - NO. 62.5/125, MM12F SM12F	-12- -12-
EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS	ESPD	EXISTING TELEPHONE CONNECTION	T
PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS	PSPD	PROPOSED TELEPHONE CONNECTION	T
		EXISTING ISDN TELEPHONE CONNECTION	I
		PROPOSED ISDN TELEPHONE CONNECTION	I

FILE NAME = 4085.850-TR1.dwg	USER NAME =	DESIGNED - JRD	REVISED -	
		DRAWN - PJS	REVISED -	
	PLOT SCALE =	CHECKED - KLB	REVISED -	
	PLOT DATE =	DATE - 6-24-2009	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
ILL RTE 72 (MAIN ST) AND FIFTH STREET

SCALE: NONE | SHEET NO. 12 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
341	2009-081TS	KANE	13	12
		CONTRACT #:		60120
	ILLINOIS FED. AID PROJECT			