

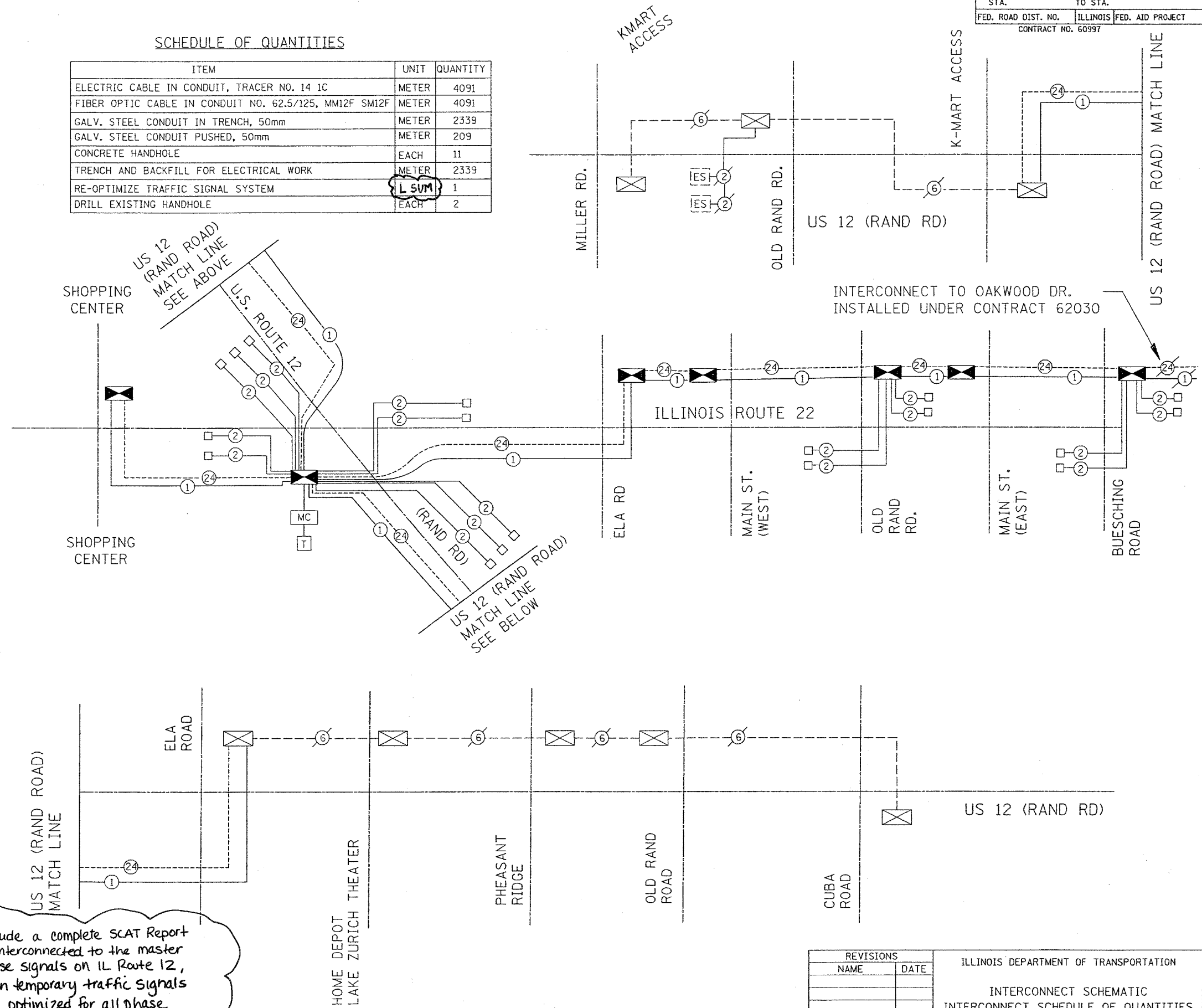
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	19R-1	LAKE	800	542
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 60997				

INTERCONNECT SCHEMATIC LEGEND

- EXISTING INTERSECTION CONTROLLER X
- PROPOSED INTERSECTION CONTROLLER X
- EXISTING MASTER CONTROLLER EMC
- PROPOSED MASTER CONTROLLER MPC
- MASTER MASTER CONTROLLER MMC
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING INTERSECTION LOOP DETECTORS P
- PROPOSED SAMPLING (SYSTEM) DETECTORS P
- EXISTING SAMPLING (SYSTEM) DETECTORS ES
- PROPOSED SAMPLING (SYSTEM) DETECTORS PS
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS. ESP
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS. ESPS
- EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS PD
- PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS PD
- EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS ESPD
- PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS PSPD
- 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 T
- PROPOSED TELEPHONE CONNECTION T

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	METER	4091
FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125, MM12F SM12F	METER	4091
GALV. STEEL CONDUIT IN TRENCH, 50mm	METER	2339
GALV. STEEL CONDUIT PUSHED, 50mm	METER	209
CONCRETE HANDHOLE	EACH	11
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	2339
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1
DRILL EXISTING HANDHOLE	EACH	2



The Re-Optimize Traffic Signal System pay item shall include a complete SCAT Report with optimized timings as specified. All intersections interconnected to the master controller at IL Route 22 and IL Route 12, including those signals on IL Route 12, shall be readdressed as specified. Also, construction temporary traffic signals shall be monitored during construction with timings optimized for all phase changes and construction stages.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCONNECT SCHEMATIC
 INTERCONNECT SCHEDULE OF QUANTITIES
 SCALE : N.T.S.
 DATE : 07/21/04
 DRAWN BY VAP
 DESIGNED BY RAM
 CHECKED BY DDL