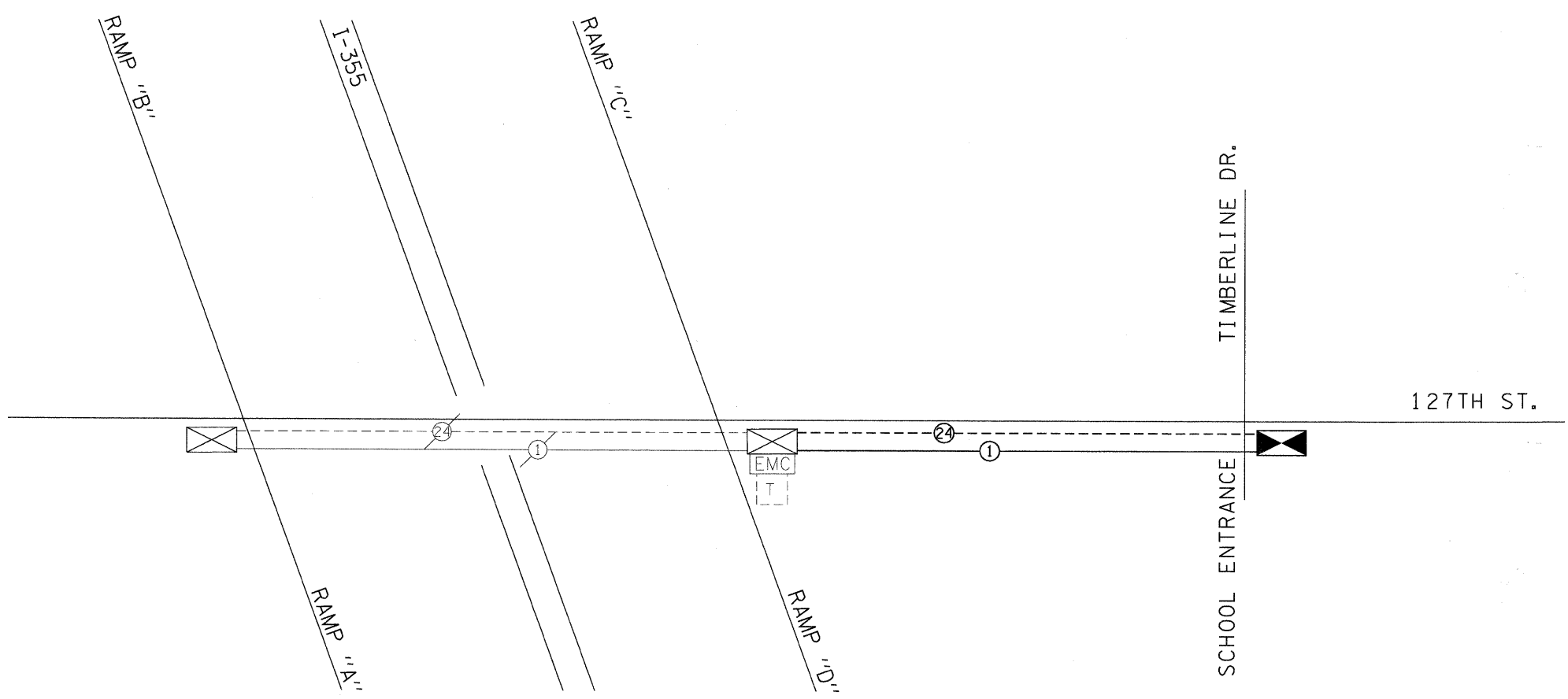




INTERCONNECT SCHEMATIC LEGEND

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 PROPOSED SAMPLING (SYSTEM) DETECTORS	
EXISTING SAMPLING (SYSTEM) DETECTORS	
PROPOSED SAMPLING (SYSTEM) DETECTORS	
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS.	
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED 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 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	
PROPOSED TELEPHONE CONNECTION	



SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
500	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
24	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
500	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
914	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C
914	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F SM12F
1	EACH	DRILL EXISTING HANDHOLE
1	EACH	MODIFY EXISTING CONTROLLER
1	EACH	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM - LEVEL 2

KLOA
Kenig, Lindgren, O'Hara, Aboona, Inc.
9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 09-030

PROJECT: **OLD QUARRY SCHOOL LEMONT, ILLINOIS**

DESIGNED - GJG	REV DATE	CHECKED	REVISION
DRAWN - GJG			
CHECKED - DMS			
DATE - 8/13/2009			

INTERCONNECT SCHEMATIC
127TH STREET AT TIMBERLINE DRIVE
SCALE: NONE FILE NAME: ... \signal\06-schematic.dgn

F.A.U. RTE. 1591	SECTION 09-00046-00-TL	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 6
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT ARA-9003(377)	
			CONTRACT NO. 63273	