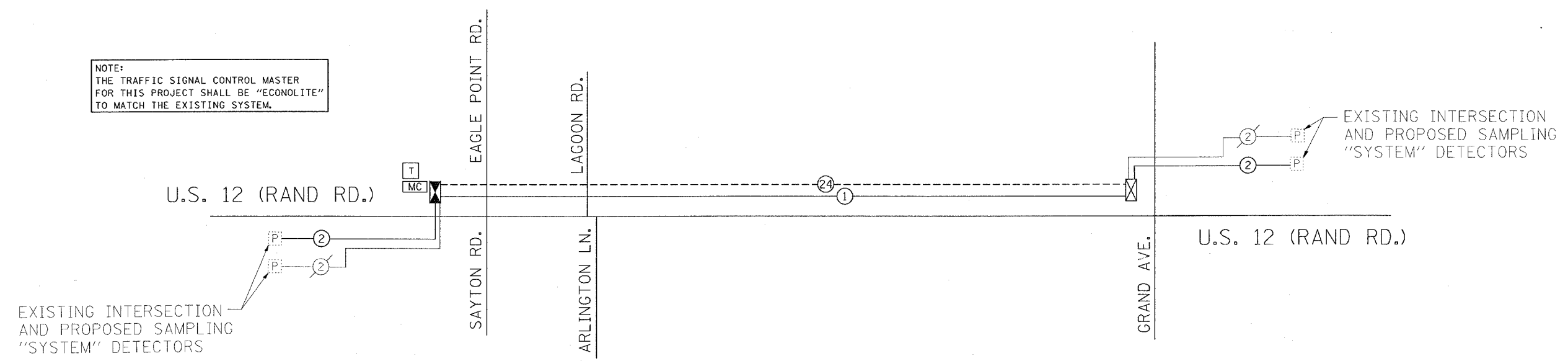


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2005-002 TS	LAKE	12	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62906				

NOTE:  
THE TRAFFIC SIGNAL CONTROL MASTER FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING SYSTEM.



INTERCONNECT SCHEMATIC LEGEND

EXISTING INTERSECTION CONTROLLER	☒	PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS	☒
PROPOSED INTERSECTION CONTROLLER	☒	EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	--- 24 ---
EXISTING MASTER CONTROLLER	EMC	PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	--- 24 ---
PROPOSED MASTER CONTROLLER	MC	EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	--- 12 ---
MASTER MASTER CONTROLLER	MMC	PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE	--- 12 ---
EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS	☐	EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	--- 6 ---
PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	☐	PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED	--- 6 ---
EXISTING INTERSECTION LOOP DETECTORS	☐	EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	--- 2 ---
PROPOSED SAMPLING (SYSTEM) DETECTORS	☐	PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED	--- 2 ---
EXISTING SAMPLING (SYSTEM) DETECTORS	ES	EXISTING ELECTRIC CABLE, 1/C NO. 10	--- 1 ---
PROPOSED SAMPLING (SYSTEM) DETECTORS	PS	PROPOSED ELECTRIC CABLE, 1/C NO. 14	--- 1 ---
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS.	ESP	EXISTING TELEPHONE CONNECTION	T
EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.	ESPS	PROPOSED TELEPHONE CONNECTION	T
EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	PD		
PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS	PD		
EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS	ESPD		

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
MASTER CONTROLLER (SPECIAL)	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	2
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3
INDUCTIVE LOOP DETECTOR	EACH	2
HANDHOLE	EACH	1
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	826
CONDUIT IN PUSH, 2" DIA., GALVANIZED STEEL	FOOT	428
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	826
DRILL EXISTING HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1770
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	1770
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM (2 INTERSECTIONS)	L SUM	1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERCONNECT SCHEMATIC**  
 US ROUTE 12 FROM  
 SAYTON RD./EAGLE PT. RD. TO GRAND AVE.

SCALE: NONE  
 DATE: 05/2005  
 DRAWN BY: SN  
 DESIGN BY: SN  
 CHECKED BY: DD

PLOT DATE = 6/16/2005  
 FILE NAME = c:\p\proj\2005\trf\12\12-332  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = rjg