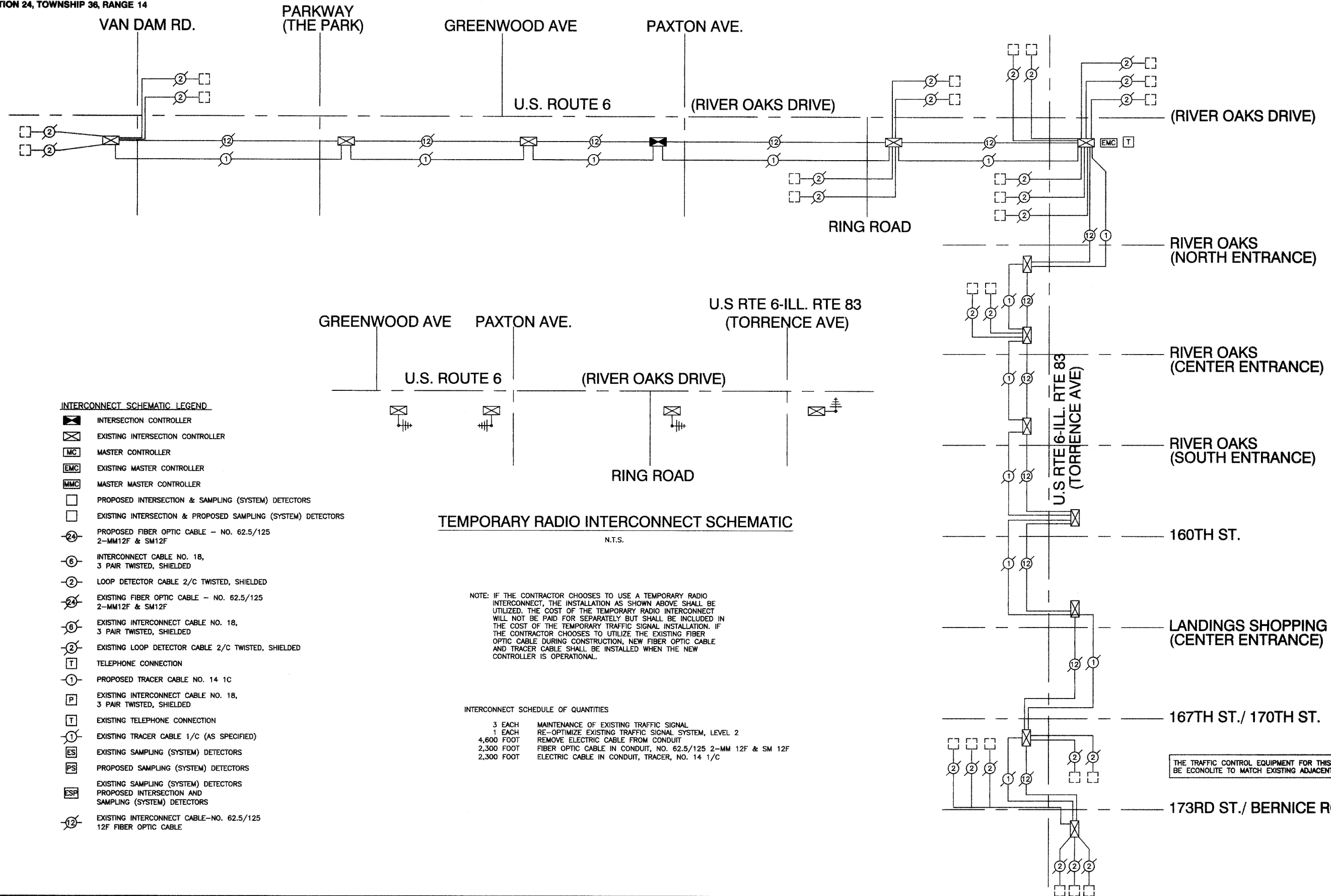


SECTION 13, TOWNSHIP 36, RANGE 14  
SECTION 24, TOWNSHIP 36, RANGE 14



**INTERCONNECT SCHEMATIC LEGEND**

- INTERSECTION CONTROLLER
- EXISTING INTERSECTION CONTROLLER
- MASTER CONTROLLER
- EXISTING MASTER CONTROLLER
- MASTER MASTER CONTROLLER
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING INTERSECTION & PROPOSED SAMPLING (SYSTEM) DETECTORS
- PROPOSED FIBER OPTIC CABLE - NO. 62.5/125 2-MM12F & SM12F
- EXISTING FIBER OPTIC CABLE - NO. 62.5/125 2-MM12F & SM12F
- INTERCONNECT CABLE NO. 18, 3 PAIR TWISTED, SHIELDED
- LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
- EXISTING INTERCONNECT CABLE NO. 18, 3 PAIR TWISTED, SHIELDED
- EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
- TELEPHONE CONNECTION
- PROPOSED TRACER CABLE NO. 14 1/C
- EXISTING INTERCONNECT CABLE NO. 18, 3 PAIR TWISTED, SHIELDED
- EXISTING TELEPHONE CONNECTION
- EXISTING TRACER CABLE 1/C (AS SPECIFIED)
- EXISTING SAMPLING (SYSTEM) DETECTORS
- PROPOSED SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) DETECTORS
- PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS
- EXISTING INTERCONNECT CABLE-NO. 62.5/125 12F FIBER OPTIC CABLE

**TEMPORARY RADIO INTERCONNECT SCHEMATIC**

N.T.S.

NOTE: IF THE CONTRACTOR CHOOSES TO USE A TEMPORARY RADIO INTERCONNECT, THE INSTALLATION AS SHOWN ABOVE SHALL BE UTILIZED. THE COST OF THE TEMPORARY RADIO INTERCONNECT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. IF THE CONTRACTOR CHOOSES TO UTILIZE THE EXISTING FIBER OPTIC CABLE DURING CONSTRUCTION, NEW FIBER OPTIC CABLE AND TRACER CABLE SHALL BE INSTALLED WHEN THE NEW CONTROLLER IS OPERATIONAL.

**INTERCONNECT SCHEDULE OF QUANTITIES**

3 EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL
1 EACH	RE-OPTIMIZE EXISTING TRAFFIC SIGNAL SYSTEM, LEVEL 2
4,600 FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
2,300 FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 2-MM 12F & SM 12F
2,300 FOOT	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C

THE TRAFFIC CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE ECONOLITE TO MATCH EXISTING ADJACENT SYSTEM.

FILE NAME = 06328-SIGN-01 - TP-7503	USER NAME =	DESIGNED -- MS	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 6 (RIVER OAKS DRIVE) AT PAXTON AVENUE INTERSECTION IMPROVEMENT TRAFFIC SIGNAL INSTALLATION INTERCONNECT SCHEMATIC	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED -- MS	REVISED --	351			06-00139-00-CH	COOK	044	025	
PLOT SCALE =	DRAWN -- SLG	REVISED --	CONTRACT NO. 63266							
PLOT DATE = 01-25-10	CHECKED -- AG	REVISED --	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HD-M-9003(256)							