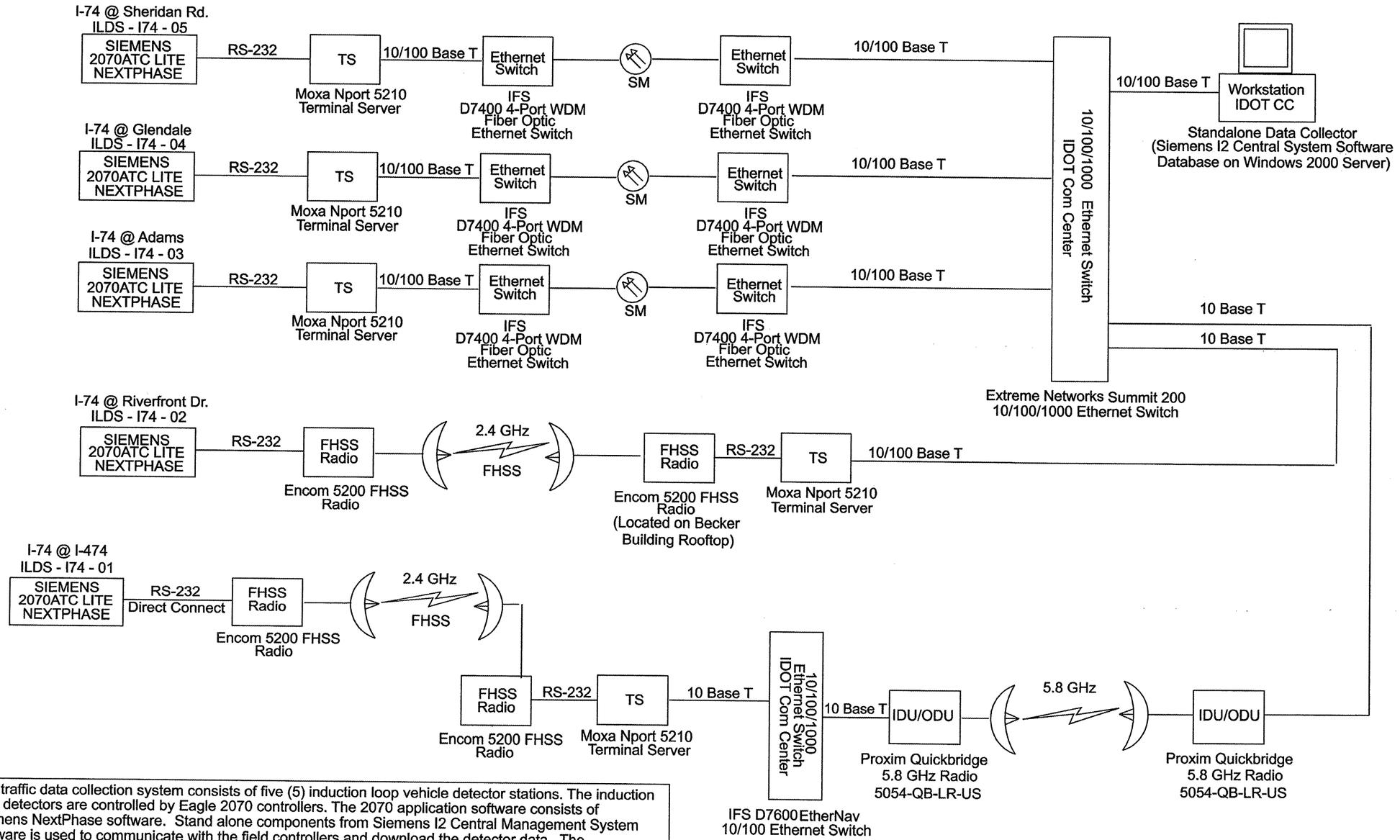

The traffic data collection system consists of five (5) induction loop vehicle detector stations. The induction loop detectors are controlled by Eagle 2070 controllers. The 2070 application software consists of Siemens NextPhase software. Stand alone components from Siemens I2 Central Management System software is used to communicate with the field controllers and download the detector data. The communication interface to the 2070 controller is RS-232 using serial to Ethernet terminal servers. Network connectivity from the field to the IDOT CC uses a combination of wireless spread spectrum and fiber optic communication. The wireless communication uses an Encom 5200 series frequency hopping spread spectrum radio.

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - ___	REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TRAFFIC DATA COLLECTION SCHEMATIC INDUCTIVE LOOP DETECTOR STATIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ___	REVISED - ___			74	D4 I-74 ITS SYSTEM-2	Peoria/Tazewell	20	7
	PLOT SCALE = $SCALE$	CHECKED - ___	REVISED - ___					CONTRACT NO. 68273		
	PLOT DATE = $DATE$	DATE - _____	REVISED - ___		SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		