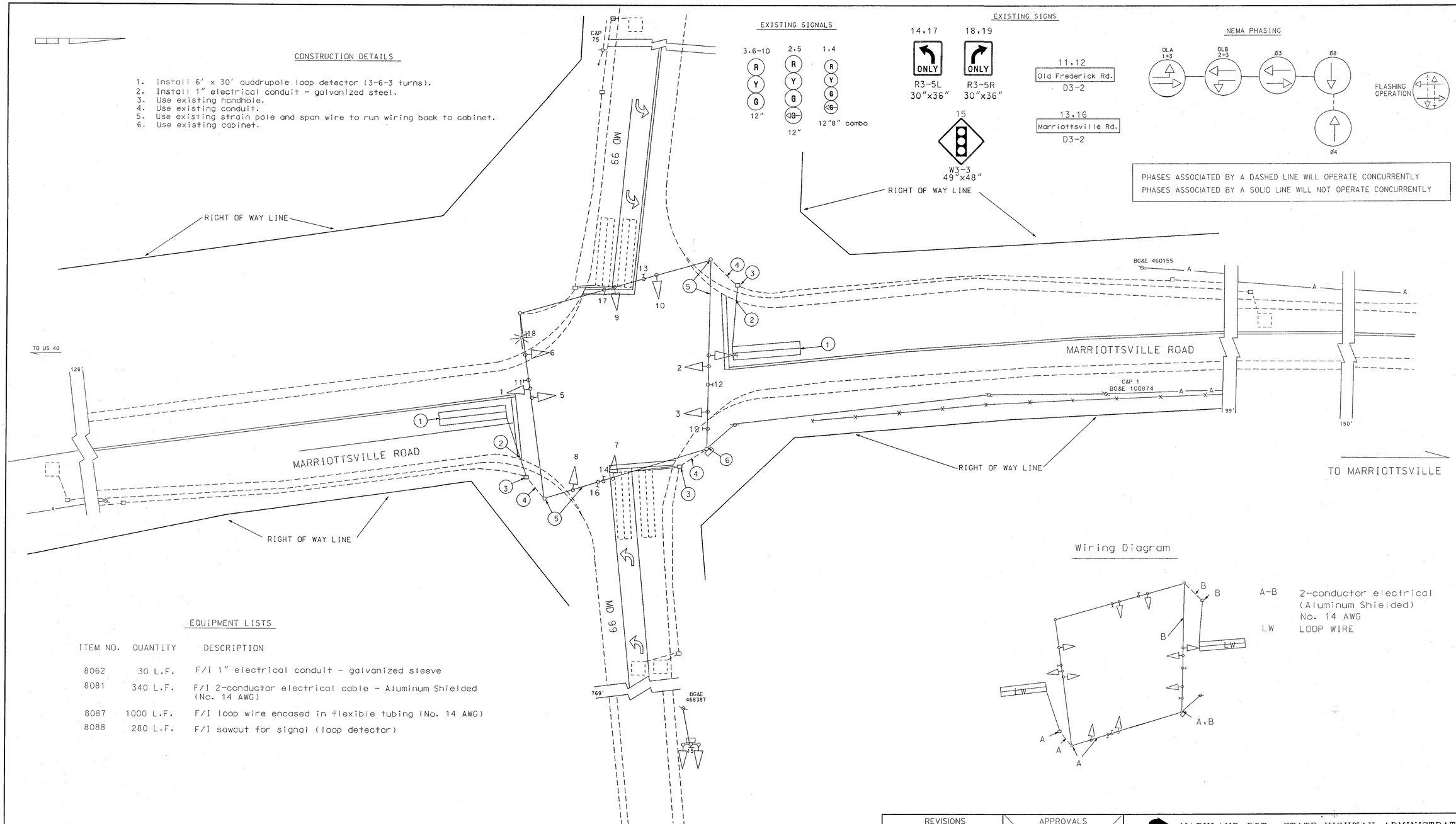
CONSTRUCTION DETAILS

1. Install 6' x 30' quadrupole loop detector (3-6-3 turns).
2. Install 1" electrical conduit - galvanized steel.
3. Use existing handhole.
4. Use existing conduit.
5. Use existing strain pole and span wire to run wiring back to cabinet.
6. Use existing cabinet.



Wiring Diagram

A-B 2-conductor electrical (Aluminum Shielded) No. 14 AWG

LW LOOP WIRE

EQUIPMENT LISTS

ITEM NO.	QUANTITY	DESCRIPTION
8062	30 L.F.	F/I 1" electrical conduit - galvanized sleeve
8081	340 L.F.	F/I 2-conductor electrical cable - Aluminum Shielded (No. 14 AWG)
8087	1000 L.F.	F/I loop wire encased in flexible tubing (No. 14 AWG)
8088	280 L.F.	F/I sawcut for signal (loop detector)

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

REVISIONS	APPROVALS
A REMOVE EXISTING ICB - INSTALL FULLY-ACTUATED TRAFFIC CONTROL SIGNAL SHA 689-459-785	ORIGINAL
RRZ	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(B) INSTALL PRESENCE LOOPS FOR MARRIOTTSVILLE ROAD xx1065585	NOTED
MEL	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	ON
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 99 AND MARRIOTTSVILLE ROAD

DRAWN BY:	T. Zaydel	F.A.P. NO.	23855T2509305	TS NO. 1891B	SHEET NO.
CHECKED BY:	T. Zaydel	S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	Howard	T.I.M.S. NO. F014	1 OF 1
DATE:	1-17-83	LOG MILE:			