EXISTING SIGNS & SIGNALS

MD 133 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION

CONSTRUCTION DETAILS

1. INSTALL MICROLOOP TRIPLE PROBE SET.
2. USE EXISTING HANDHOLE.
3. USE EXISTING CONDUIT.
4. INSTALL 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
5. INSTALL 6' x 30' LOOP DETECTOR (3- 6- 3 TURNS).

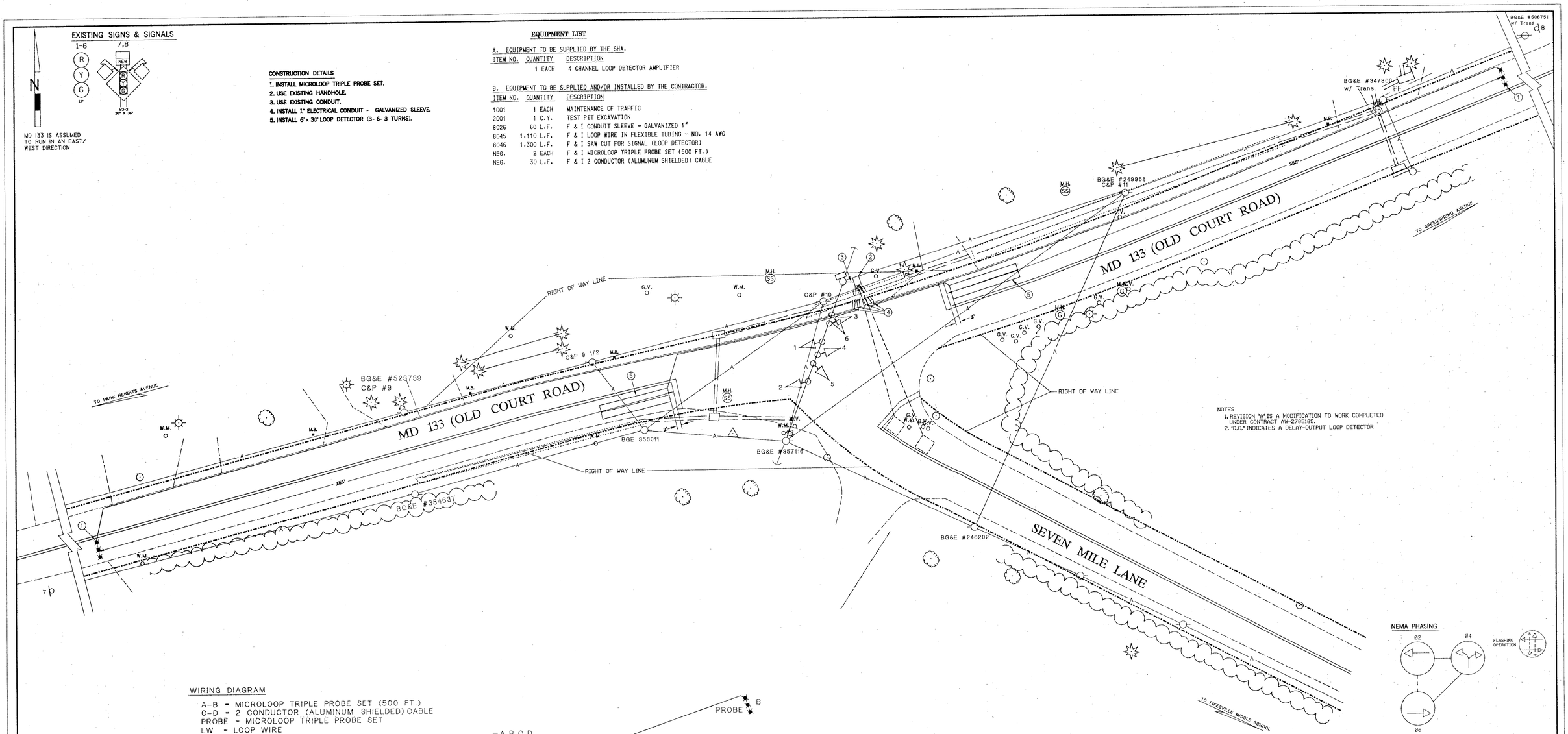
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

ITEM NO.	QUANTITY	DESCRIPTION
	1 EACH	4 CHANNEL LOOP DETECTOR AMPLIFIER

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2001	1 C.Y.	TEST PIT EXCAVATION
8026	60 L.F.	F & I CONDUIT SLEEVE - GALVANIZED 1"
8045	1,110 L.F.	F & I LOOP WIRE IN FLEXIBLE TUBING - NO. 14 AWG
8046	1,300 L.F.	F & I SAW CUT FOR SIGNAL (LOOP DETECTOR)
NEG.	2 EACH	F & I MICROLOOP TRIPLE PROBE SET (500 FT.)
NEG.	30 L.F.	F & I 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE



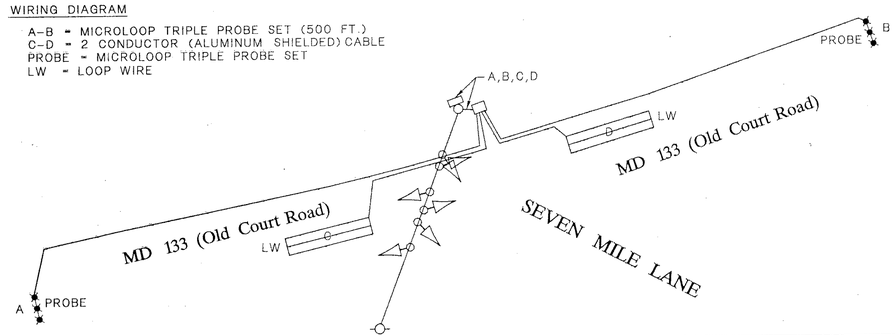
NOTES
1. REVISION "A" IS A MODIFICATION TO WORK COMPLETED UNDER CONTRACT AW-2765185.
2. "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR

NEMA PHASING

NEMA NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

WIRING DIAGRAM

A-B - MICROLOOP TRIPLE PROBE SET (500 FT.)
C-D - 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE
PROBE - MICROLOOP TRIPLE PROBE SET
LW - LOOP WIRE



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

(A). 03/2000 - ADDED MICROLOOP PROBES & PRESENCE LOOPS AT STOPLINES ON MD 133
SHA NO. DT-1999-01

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ORIGINAL ON FILE
ASST. CHIEF, TRAFFIC ENGINEERING DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

MD 133 (OLD COURT ROAD) and SEVEN MILE LANE
PIKESVILLE, MARYLAND

DRAWN BY: *Chris Jedrowski*
CHECK BY: *Mickey Rucker*
SCALE: 1" = 20'
DATE:

F.A.P. NO. AC-STPG-000S(590)E
S.H.A. NO. 2585512508331
COUNTY BALTIMORE
LOG NO. 03013300.33

TS NO. TS-3844(A)
T.I.M.S. NO.: D631
SHEET NO. 1 OF 1

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