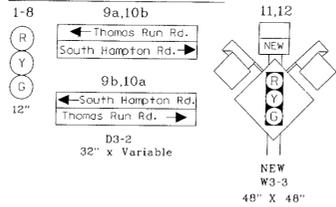
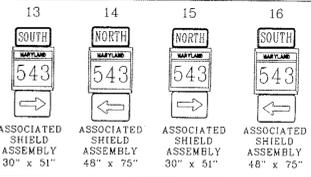


EXISTING SIGNALS & SIGNS



PROPOSED SIGNS



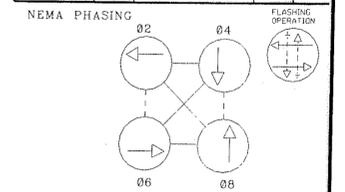
PROJECT DESCRIPTION

I. GENERAL
 THIS PROJECT INVOLVES THE REPLACEMENT OF LOOP DETECTORS FOR SOUTHAMPTON RD DUE TO THE WIDENING PROJECT COMPLETED BY HARFORD COUNTY. IT ALSO INVOLVES THE REPLACEMENT OF THE DAMAGED LOOP DETECTORS FOR NORTHBOUND MD 543.

CONSTRUCTION DETAILS

1. INSTALL 6' x 30' LOOP DETECTOR (2-4-2 TURNS). DISCONNECT EXISTING LOOP DETECTOR.
2. INSTALL 6' x 6' LOOP DETECTOR (3 TURNS). DISCONNECT EXISTING LOOP DETECTOR.
3. INSTALL 1" LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT - SLEEVE.
4. USE THE EXISTING HANDHOLE. ATTACH THE PROPOSED LOOP WIRE TO THE EXISTING 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE AND ATTACH THE PROPOSED LOOP WIRE TO THE PROPOSED 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE.
5. USE THE EXISTING HANDHOLE ATTACH THE PROPOSED LOOP WIRE TO THE EXISTING 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE.
6. INSTALL 24" STOPLINE. REMOVE THE EXISTING STOPLINE.
7. INSTALL PROPOSED 4" YELLOW PAVEMENT MARKING TAPE - SEE PAVEMENT MARKING DIAGRAM. REMOVE THE EXISTING PAVEMENT MARKING TAPE.
8. INSTALL PROPOSED 4" WHITE PAVEMENT MARKING TAPE - SEE PAVEMENT MARKING DIAGRAM. REMOVE THE EXISTING PAVEMENT MARKING TAPE.
9. INSTALL SIGNS ON MAST ARM.
10. USE EXISTING CONDUIT.

F.R.A. SECTION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

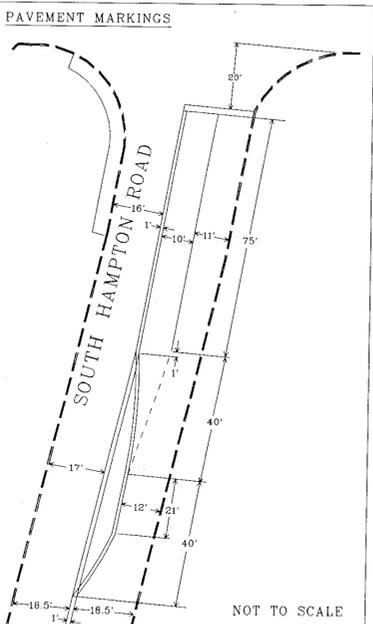
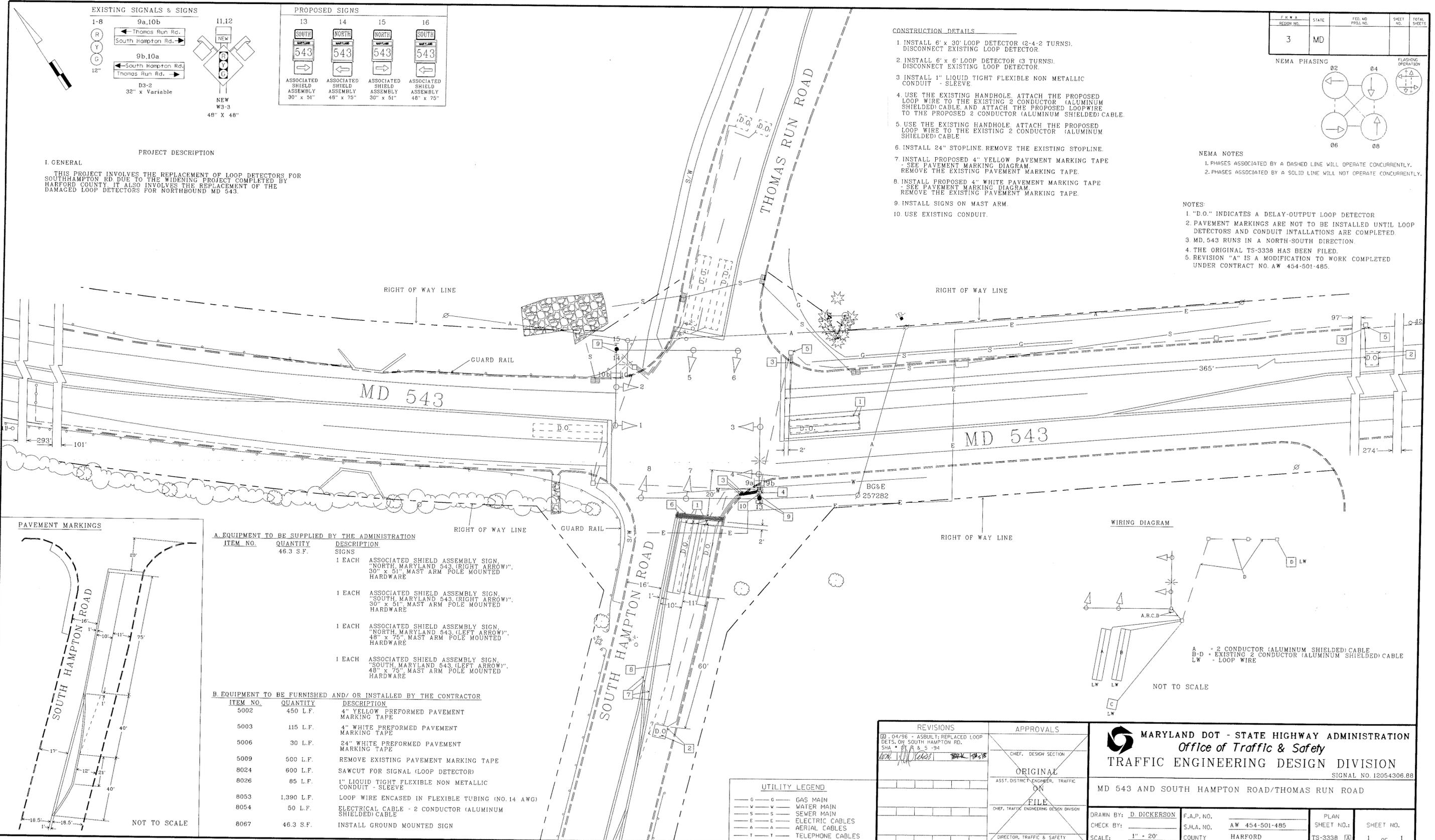


NEMA NOTES

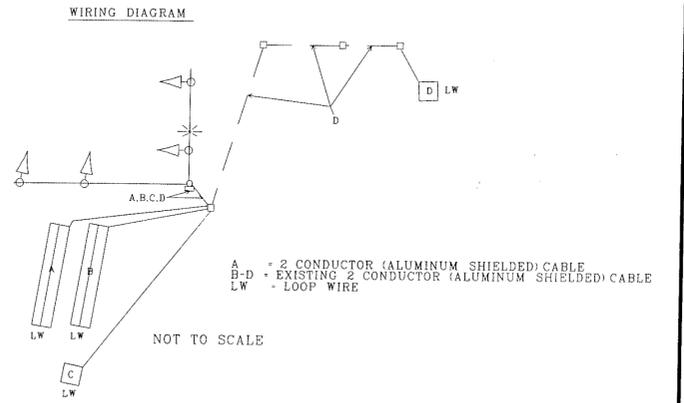
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

NOTES

1. "D.O." INDICATES A DELAY-OUTPUT LOOP DETECTOR
2. PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATIONS ARE COMPLETED.
3. MD. 543 RUNS IN A NORTH-SOUTH DIRECTION.
4. THE ORIGINAL TS-333B HAS BEEN FILED.
5. REVISION "A" IS A MODIFICATION TO WORK COMPLETED UNDER CONTRACT NO. AW 454-501-485.



A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION		
ITEM NO.	QUANTITY	DESCRIPTION
	46.3 S.F.	SIGNS
1	EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH MARYLAND 543 (RIGHT ARROW)", 30" x 51", MAST ARM POLE MOUNTED HARDWARE
1	EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH MARYLAND 543 (RIGHT ARROW)", 30" x 51", MAST ARM POLE MOUNTED HARDWARE
1	EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH MARYLAND 543 (LEFT ARROW)", 48" x 75", MAST ARM POLE MOUNTED HARDWARE
1	EACH	ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH MARYLAND 543 (LEFT ARROW)", 48" x 75", MAST ARM POLE MOUNTED HARDWARE
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR		
ITEM NO.	QUANTITY	DESCRIPTION
5002	450 L.F.	4" YELLOW PREFORMED PAVEMENT MARKING TAPE
5003	115 L.F.	4" WHITE PREFORMED PAVEMENT MARKING TAPE
5006	30 L.F.	24" WHITE PREFORMED PAVEMENT MARKING TAPE
5009	500 L.F.	REMOVE EXISTING PAVEMENT MARKING TAPE
8024	600 L.F.	SAWCUT FOR SIGNAL (LOOP DETECTOR)
8026	85 L.F.	1" LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT - SLEEVE
8053	1,390 L.F.	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8054	50 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE
8067	46.3 S.F.	INSTALL GROUND MOUNTED SIGN



REVISIONS	APPROVALS
04/96 - ASBUILT; REPLACED LOOP DETS. ON SOUTH HAMPTON RD. SHA # 81 A & 5 -94	CHEF, DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 SIGNAL NO. 12054308.88

MD 543 AND SOUTH HAMPTON ROAD/THOMAS RUN ROAD

DRAWN BY: D. DICKERSON
 CHECK BY: _____
 SCALE: 1" = 20'

F.A.P. NO. _____
 S.H.A. NO. AW 454-501-485
 COUNTY HARFORD

PLAN SHEET NO. _____
 SHEET NO. 1 OF 1