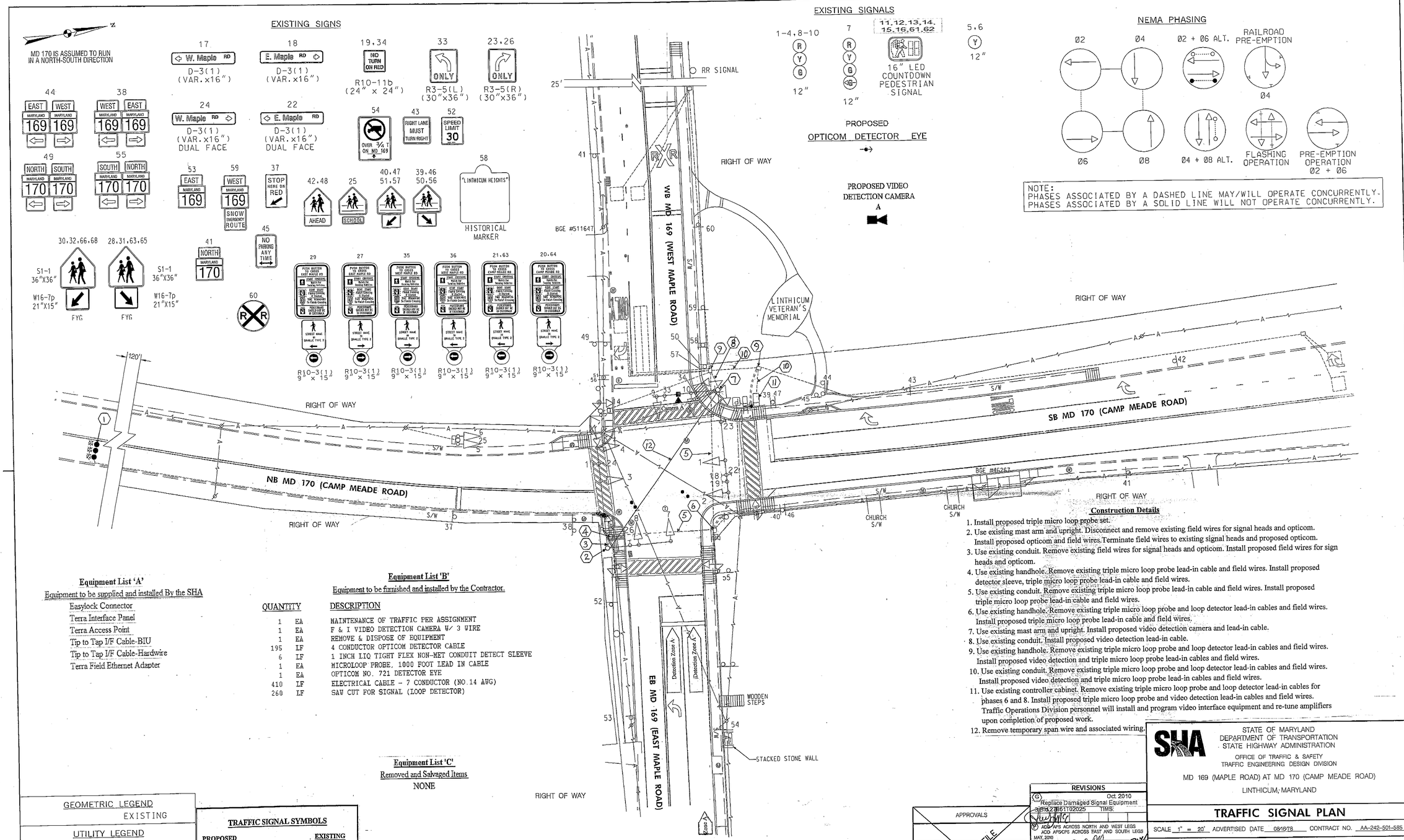

Equipment List 'A'

Equipment to be supplied and installed By the SHA

- Easylock Connector
- Terra Interface Panel
- Terra Access Point
- Tip to Tap I/F Cable-BIU
- Tip to Tap I/F Cable-Hardwire
- Terra Field Ethernet Adapter

Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

QUANTITY		DESCRIPTION
1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
1	EA	REMOVE & DISPOSE OF EQUIPMENT
195	LF	4 CONDUCTOR OPTICOM DETECTOR CABLE
6	LF	1 INCH LIQ TIGHT FLEX NON-MET CONDUIT DETECT SLEEVE
1	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
1	EA	OPTICOM NO. 721 DETECTOR EYE
410	LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO.14 AWG)
260	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'C'

Removed and Salvaged items

NONE

Construction Details

1. Install proposed triple micro loop probe set.
2. Use existing mast arm and upright. Disconnect and remove existing field wires for signal heads and opticom. Install proposed opticom and field wires.Terminate field wires to existing signal heads and proposed opticom.
3. Use existing conduit. Remove existing field wires for signal heads and opticom. Install proposed field wires for sign heads and opticom.
4. Use existing handhole. Remove existing triple micro loop probe lead-in cable and field wires. Install proposed detector sleeve, triple micro loop probe lead-in cable and field wires.
5. Use existing conduit. Remove existing triple micro loop probe lead-in cable and field wires. Install proposed triple micro loop probe lead-in cable and field wires.
6. Use existing handhole. Remove existing triple micro loop probe and loop detector lead-in cables and field wires. Install proposed triple micro loop probe lead-in cable and field wires.
7. Use existing mast arm and upright. Install proposed video detection camera and lead-in cable.
8. Use existing conduit. Install proposed video detection lead-in cable.
9. Use existing handhole. Remove existing triple micro loop probe and loop detector lead-in cables and field wires. Install proposed video detection and triple micro loop probe lead-in cables and field wires.
10. Use existing conduit. Remove existing triple micro loop probe and loop detector lead-in cables and field wires. Install proposed video detection and triple micro loop probe lead-in cables and field wires.
11. Use existing controller cabinet. Remove existing triple micro loop probe and loop detector lead-in cables for phases 6 and 8. Install proposed triple micro loop probe and video detection lead-in cables and field wires. Traffic Operations Division personnel will install and program video interface equipment and re-tune amplifiers upon completion of proposed work.
12. Remove temporary span wire and associated wiring.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

- SD — STORM DRAIN
- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- T — TELEPHONE CABLES
- F — FIBER-OPTIC

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
■	HANDHOLE	□
	LOOP DETECTOR(6X30)	
□	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
DEPUTY DIRECTOR

ORIGINAL ON FILE

REVISIONS

G Oct. 2010 Replace Damaged Signal Equipment
SHA 2361102025 TIMS:
F ADD APS ACROSS NORTH AND WEST LEGS ADD APSCPS ACROSS EAST AND SOUTH LEGS MAY, 2010
CJS
E AS BUILT-FOR UPS INSTALLATION 05/2009
SWA
D ADD OPTICOM DETECTOR FOR NORTHBOUND MD 170 SHA NO. AT7825185 10/2005
STV SDV

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 169 (MAPLE ROAD) AT MD 170 (CAMP MEADE ROAD)

LINTHICUM, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 08/16/78 CONTRACT NO. AA-242-501-585

DESIGNED BY P.K.N. COUNTY ANNE ARUNDEL
DRAWN BY D. DODA LOGMILE 02017009.85
CHECKED BY TIMS NO. J323
F.A.P. NO. TOD NO.

TS NO. 1608 F DRAWING OF SHEET NO. 1 OF 3

By: cstrain