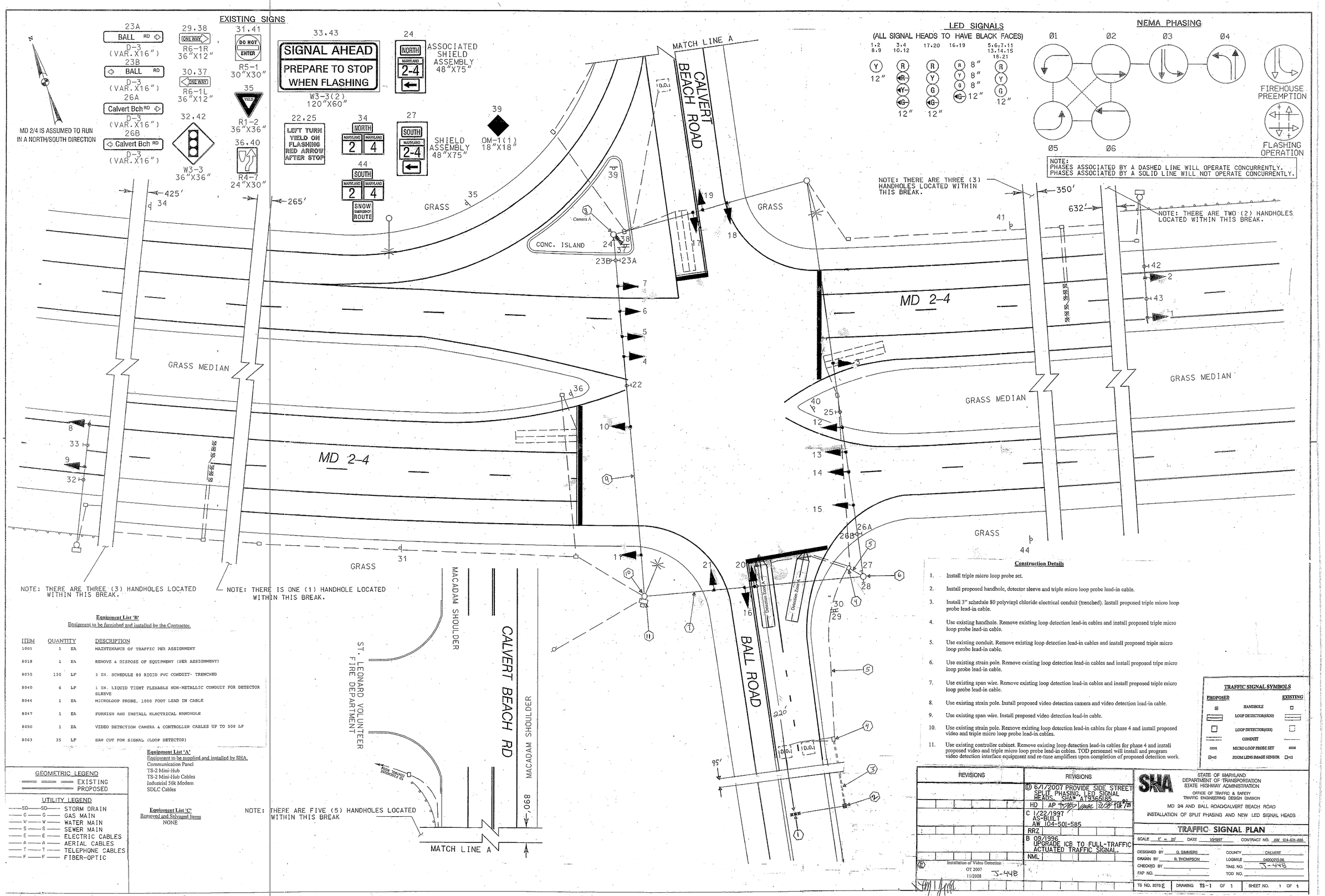

Equipment List 'B'
Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY		DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8018	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8035	130	LF	3 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8040	6	LF	1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8044	1	EA	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
8047	1	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8050	1	EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8063	35	LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

Equipment List 'A'
Equipment to be supplied and installed by SHA.
Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables

Equipment List 'C'
Removed and Salvaged Items
NONE

GEOMETRIC LEGEND
EXISTING
PROPOSED

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

Construction Details

1. Install triple micro loop probe set.
2. Install proposed handhole, detector sleeve and triple micro loop probe lead-in cable.
3. Install 3" schedule 80 polyvinyl chloride electrical conduit (trenched). Install proposed triple micro loop probe lead-in cable.
4. Use existing handhole. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cable.
5. Use existing conduit. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cable.
6. Use existing strain pole. Remove existing loop detection lead-in cables and install proposed tripe micro loop probe lead-in cable.
7. Use existing span wire. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cable.
8. Use existing strain pole. Install proposed video detection camera and video detection lead-in cable.
9. Use existing span wire. Install proposed video detection lead-in cable.
10. Use existing strain pole. Remove existing loop detection lead-in cables for phase 4 and install proposed video and triple micro loop probe lead-in cables.
11. Use existing controller cabinet. Remove existing loop detection lead-in cables for phase 4 and install proposed video and triple micro loop probe lead-in cables. TOD personnel will install and program video detection interface equipment and re-tune amplifiers upon completion of proposed detection work.

TRAFFIC SIGNAL SYMBOLS

PROPOSED		EXISTING
	HANDHOLE	
	LOOP DETECTOR(6X30)	
	LOOP DETECTOR(6X6)	
	CONDUIT	
	MICRO LOOP PROBE SET	
	ZOOM LENS IMAGE SENSOR	

REVISIONS	REVISIONS
	D 6/1/2007 PROVIDE SIDE STREET SPLIT PHASING, LED SIGNAL HEADS. SHA# A1526185 HD AP
	C 1/22/1997 AS-BUILT AW 104-501-585
	RRZ
	B 09/1996 UPGRADE ICB TO FULL-TRAFFIC ACTUATED TRAFFIC SIGNAL.
	NML
Installation of Video Detection OT 2007 11/2008 J-448	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2/4 AND BALL ROAD/CALVERT BEACH ROAD
INSTALLATION OF SPLIT PHASING AND NEW LED SIGNAL HEADS

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 10/1997 CONTRACT NO. AW 104-501-585

DESIGNED BY G. SIMMERS COUNTY CALVERT
DRAWN BY B. THOMPSON LOGMILE 04000203.06
CHECKED BY TIMS. NO. J-448
FAP NO. TOD NO.

TS NO. 3375 E DRAWING TS-1 OF 1 SHEET NO. 1 OF 1