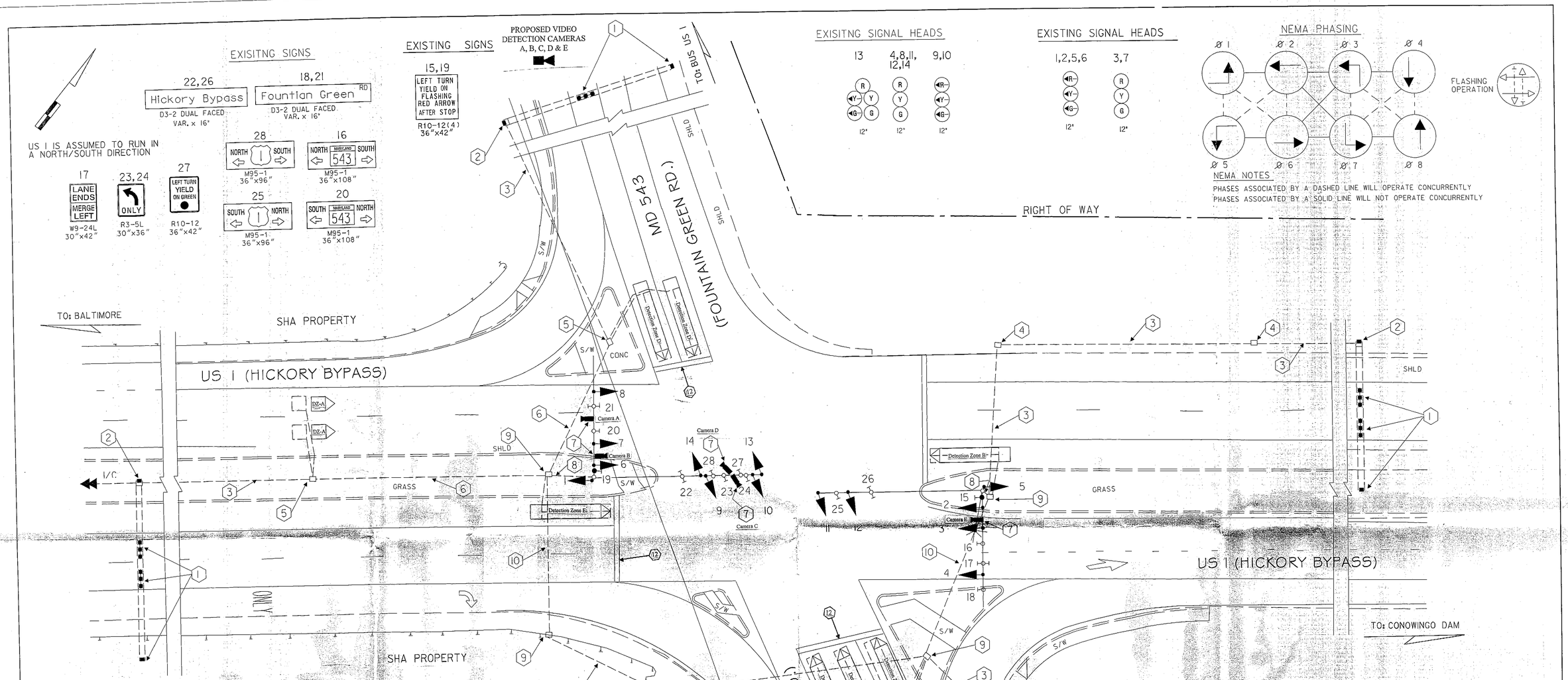

Construction Details

1. Install proposed handhole, 3 inch PVC conduit (slotted in road) and non-invasive triple micro loop probe sets.
2. Remove existing handhole. Install proposed handhole aligned to accommodate non-invasive probe sets. Install proposed triple micro loop probe lead-in cables.
3. Use existing conduit. Remove existing triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables.
4. Use existing handhole. Remove existing triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables.
5. Use existing handhole. Cap and abandon existing detector sleeves. Remove existing loop detector and triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables.
6. Use existing conduit. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed triple micro loop probe lead-in cables.
7. Use existing mast arm and upright. Install proposed video detection camera and video detection lead-in cable.
8. Use existing conduit. Install proposed video detection lead-in cable(s).
9. Use existing handhole. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed triple micro loop probe and video detection lead-in cables.
10. Use existing conduit. Remove existing loop detection and triple micro loop probe lead-in cables. Install proposed triple micro loop probe and video detection lead-in cables.
11. Use existing controller cabinet. Remove existing loop detection and triple micro loop probe lead-in cables and install proposed triple micro loop probe and video detection lead-in cables. TOD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed detector work.
12. Remove existing stop line and re-install in accordance to SHA Standards.

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.

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5001	120	LF	FURNISH AND INSTALL 24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
5002	120	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	5	EA	VIDEO DETECTION CAMERA & CABLE
8014	290	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH SLOTTED
8017	6	EA	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8018	8	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE

Equipment List 'C'
Removed and Salvaged Items

NONE

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

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204
410-823-8070

REVISIONS

C	INSTALLATION OF VIDEO DETECTION 8/2011 XXX6485185	L-299	
B	NB & SB E/P LT'S TO EXCLUSIVE LT'S WITH FLASHING HOURS 10 PM TO 5 AM SHA SF-SIGNAL S	8/23/2005	
A	ADD STREET LIGHTING SHA NO. AW1555185	11-2001	

EMM | TH | GCP | DJD | DAZ

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 1 (HICKORY BYPASS) AND MD 543 (FOUNTAIN GREEN ROAD)

DRAWN BY:	JAG(AMT CONSULT.)	F.A.P. NO.	
CHECKED BY:	JRL	S.H.A. NO.	
SCALE:	1" = 20'	COUNTY:	HARFORD
DATE:	MARCH 99	LOG MILE:	12000108.12

TS NO. 3854C
T.I.M.S. NO.
SHEET NO. 1 OF 1

THISISWHERE$YOUR$FILENAME$WILL$PLOT THIS$SPACE$ISFORTHE$DATE