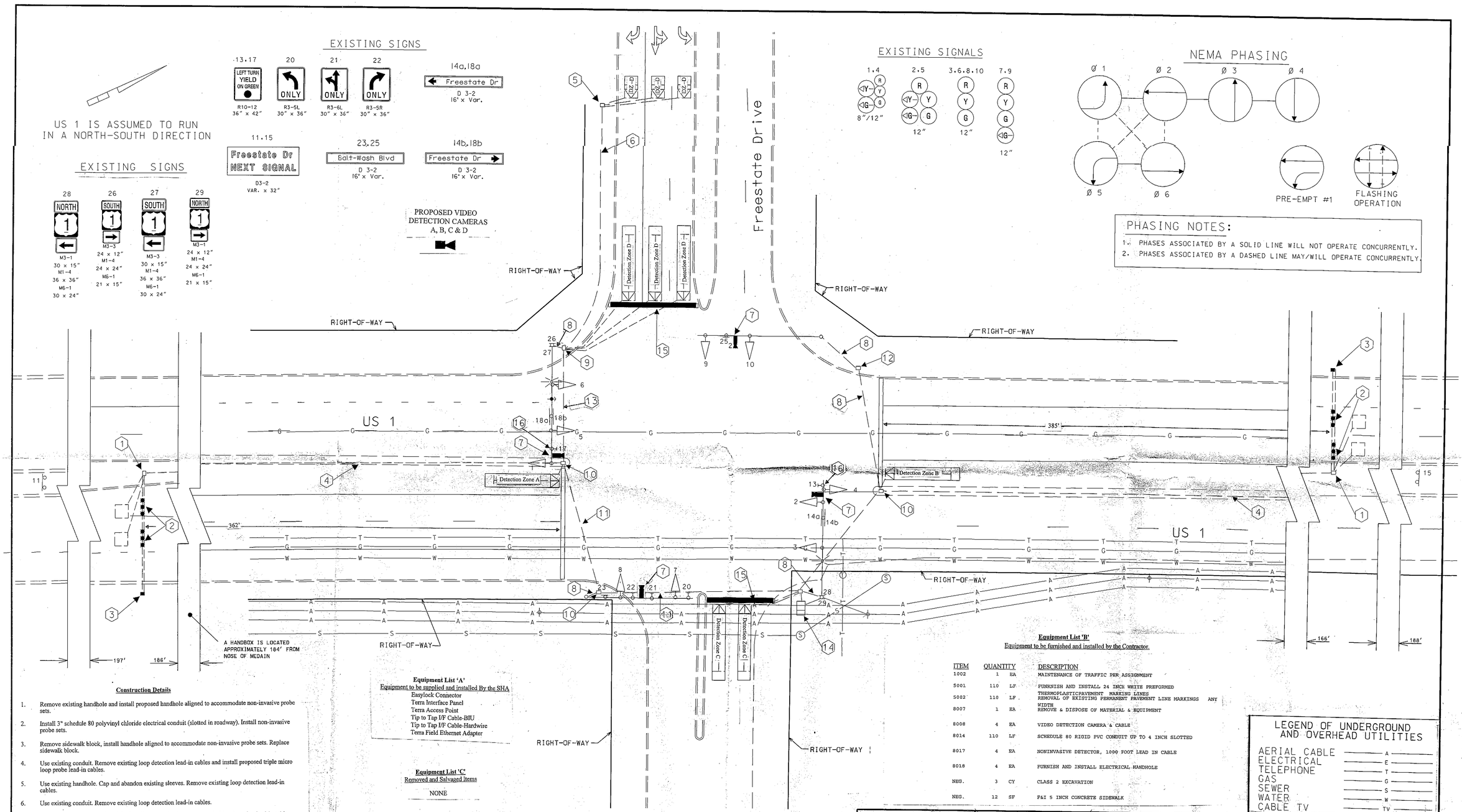
FREESTATE DRIVE



Construction Details

1. Remove existing handhole and install proposed handhole aligned to accommodate non-invasive probe sets.
2. Install 3" schedule 80 polyvinyl chloride electrical conduit (slotted in roadway). Install non-invasive probe sets.
3. Remove sidewalk block, install handhole aligned to accommodate non-invasive probe sets. Replace sidewalk block.
4. Use existing conduit. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cables.
5. Use existing handhole. Cap and abandon existing sleeves. Remove existing loop detection lead-in cables.
6. Use existing conduit. Remove existing loop detection lead-in cables.
7. Use existing mast arm and upright. Install proposed video camera and video detection lead-in cable.
8. Use existing conduit. Install proposed video detection lead-in cable.
9. Use existing handhole. Remove existing loop detection lead-in cables. Install proposed video detection lead-in cable.
10. Use existing handhole. Remove existing loop detection lead-in cables. Install proposed triple micro loop probe and video detection lead-in cables.
11. Use existing conduit. Remove existing loop detection lead-in cables. Install proposed triple micro loop probe and video detection lead-in cables.
12. Use existing handhole. Install proposed video detection lead-in cables.
13. Use existing conduit. Remove existing loop detection lead-in cables and install proposed video detection lead-in cables.
14. Use existing controller cabinet. Remove existing loop detection lead-in cables. Install proposed triple micro loop and video detection lead-in cables. TOD personnel will install and program video detection interface equipment and re-tune amplifiers upon completion of proposed detection work.
15. Remove existing stop line and re-install in accordance to SHA Standards.
16. Remove and dispose of existing R10-12 signs.

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 'C'
Removed and Salvaged Items

NONE

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

ITEM	QUANTITY		DESCRIPTION
1002	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5001	110	LF	FURNNISH AND INSTALL 24 INCH WHITE PREFORMED
5002	110	LF	THERMOPLASTICPAVEMENT MARKING LINES REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	4	EA	VIDEO DETECTION CAMERA & CABLE
8014	110	LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH SLOTTED
8017	4	EA	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8018	4	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
NEG.	3	CY	CLASS 2 EXCAVATION
NEG.	12	SF	F&I 5 INCH CONCRETE SIDEWALK

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

North Laurel
Commercial Center Entrance

REVISIONS

B — Upgrade to Video Detection XX6495185 04/11 L-051 LPM MKC

A — JUNE. 2003 ADDITION OF OPTICOM SHA NO. AT2885185 (F522)

APPROVALS

ORIGINAL ON FILE

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNALIZATION
US 1 AND FREESTATE DRIVE

DRAWN BY:	M. MEARS	F.A.P. NO.	NONE	TS NO. 3246 B	SHEET NO.
CHECKED BY:	J. DIRNDORFER	S.H.A. NO.	BW-514-802-712	T.I.M.S. NO.	OF
SCALE:	1" - 20'	COUNTY:	HOWARD		
DATE:	6/92	LOG MILE:	13000101.75		