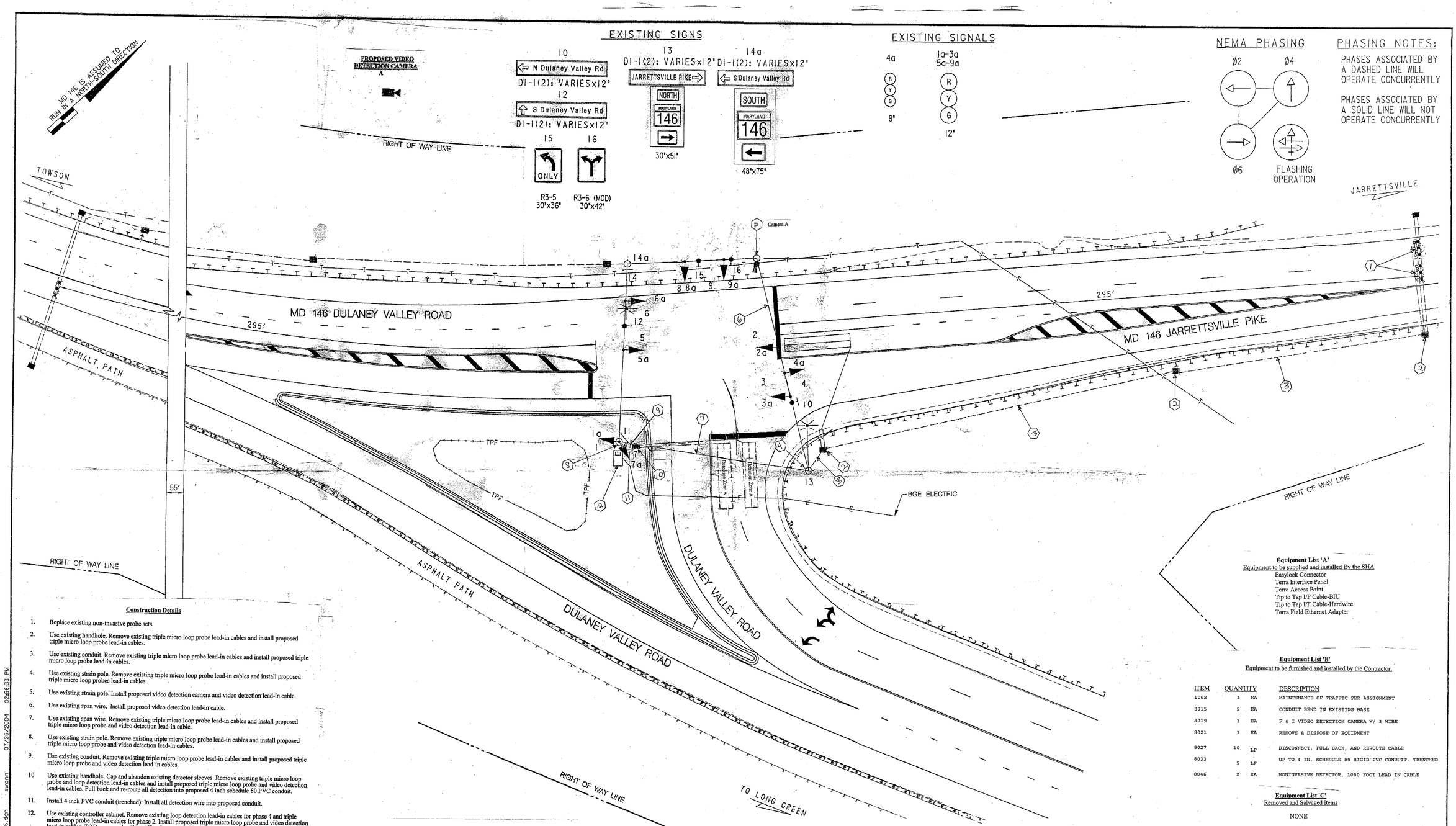

Construction Details

1. Replace existing non-invasive probe sets.
2. Use existing handhole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
3. Use existing conduit. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe lead-in cables.
4. Use existing strain pole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probes lead-in cables.
5. Use existing strain pole. Install proposed video detection camera and video detection lead-in cable.
6. Use existing span wire. Install proposed video detection lead-in cable.
7. Use existing span wire. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe and video detection lead-in cable.
8. Use existing strain pole. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe and video detection lead-in cables.
9. Use existing conduit. Remove existing triple micro loop probe lead-in cables and install proposed triple micro loop probe and video detection lead-in cables.
10. Use existing handhole. Cap and abandon existing detector sleeves. Remove existing triple micro loop probe and loop detection lead-in cables and install proposed triple micro loop probe and video detection lead-in cables. Pull back and re-route all detection into proposed 4 inch schedule 80 PVC conduit.
11. Install 4 inch PVC conduit (trenched). Install all detection wire into proposed conduit.
12. Use existing controller cabinet. Remove existing loop detection lead-in cables for phase 4 and triple micro loop probe lead-in cables for phase 2. 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 detection work.

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
8015	2	EA	CONDUIT BEND IN EXISTING BASE
8019	1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT
8027	10	LF	DISCONNECT, PULL BACK, AND REROUTE CABLE
8033	5	LF	UP TO 4 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8046	2	EA	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE

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

TRAFFIC SIGNAL SYMBOLS

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

REVISIONS		
C	Installation of video detection OT 2010 THIS# K-907	4-2011
B	BA4025187 ROADWAY IMPROVEMENTS	7/04
A	NEW MAINLINE LOOPS B-825-501-477	10/87
CA		

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL IN FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 146 JARRETTSVILE PIKE AND DULANEY VALLEY ROAD

SIGNALIZATION PLAN

DRAWN BY: CA	F.A.P. NO.		TS NO. 2062C	SHEET NO. 1 OF 1
CHECKED BY: DCD/SR	S.H.A. NO.	B825501477		
SCALE: 1" = 20'	COUNTY:	BALTIMORE	T.I.M.S NO.	
DATE: 10/87	LOG MILE:	03014604.99		

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