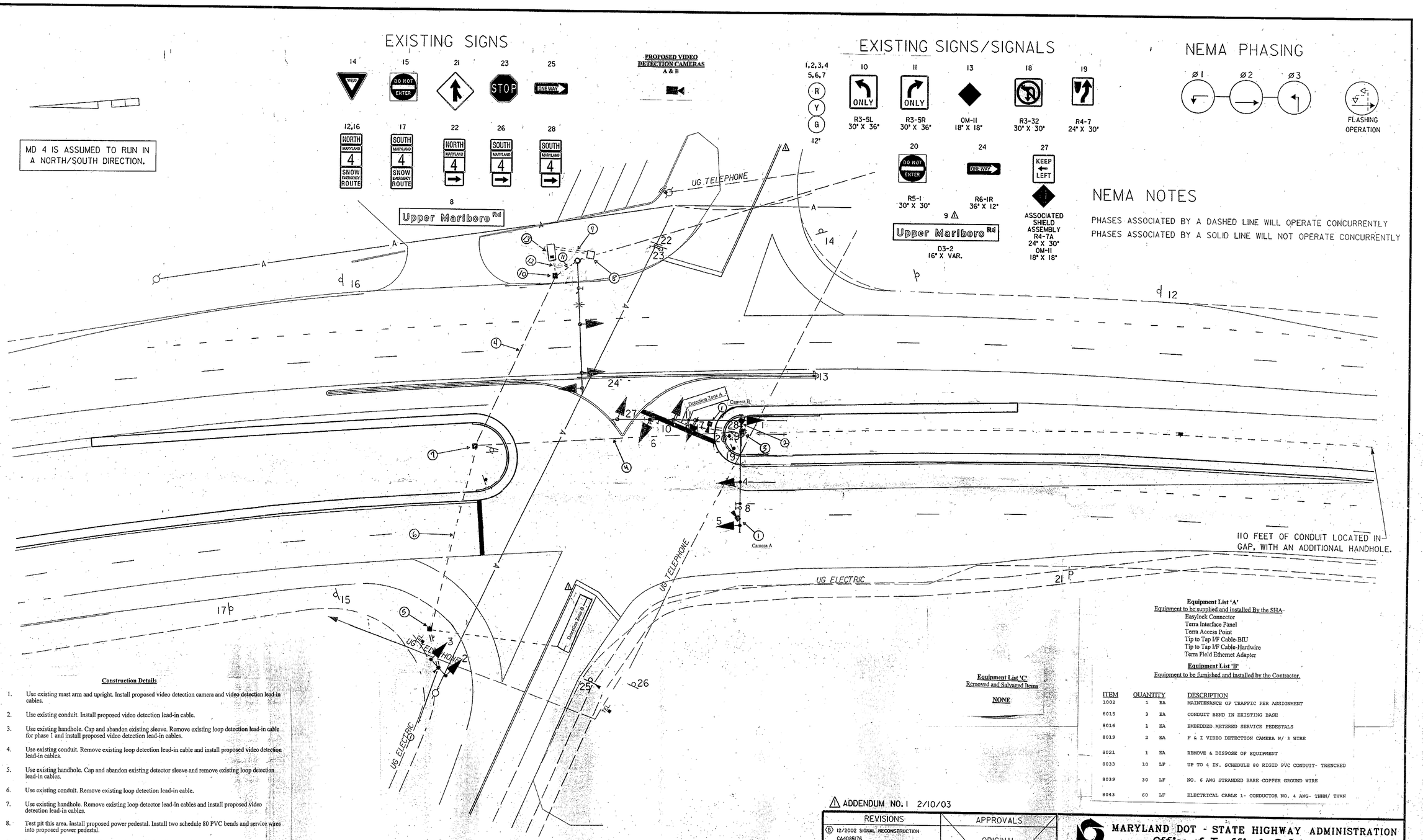

Construction Details

1. Use existing mast arm and upright. Install proposed video detection camera and video detection lead-in cables.
2. Use existing conduit. Install proposed video detection lead-in cable.
3. Use existing handhole. Cap and abandon existing sleeve. Remove existing loop detection lead-in cable for phase 1 and install proposed video detection lead-in cables.
4. Use existing conduit. Remove existing loop detection lead-in cable and install proposed video detection lead-in cables.
5. Use existing handhole. Cap and abandon existing detector sleeve and remove existing loop detection lead-in cables.
6. Use existing conduit. Remove existing loop detection lead-in cable.
7. Use existing handhole. Remove existing loop detector lead-in cables and install proposed video detection lead-in cables.
8. Test pit this area. Install proposed power pedestal. Install two schedule 80 PVC bends and service wires into proposed power pedestal.
9. Install 2 inch schedule 80 PVC conduit (trenched). Install proposed service wires.
10. Use existing handhole. Remove existing loop detector lead-in cables and install proposed video detection lead-in cables. Remove and dispose of existing service wires.
11. Use existing conduits. Remove and dispose of existing service wires.
12. Use existing conduit. Remove existing loop detection lead-in cable and install proposed video detection lead-in cables. Remove and dispose of existing service wires.
13. Use existing controller cabinet. Remove existing loop detection lead-in cables for phases 1 & 3. Remove and dispose of existing service wires. Install proposed video detection lead-in cables. Install 2 inch bend and proposed service wires into cabinet. TOD personnel will install and program video detection *interface equipment upon 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	3	EA	CONDUIT BEND IN EXISTING BASE
8016	1	EA	EMBEDDED METERED SERVICE PEDESTALS
8019	2	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT
8033	10	LF	UP TO 4 IN. SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8039	30	LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8043	60	LF	ELECTRICAL CABLE 1- CONDUCTOR NO. 4 AWG- THHN/ THWN

Equipment List 'C'
Removed and Salvaged Items

NONE

⚠ ADDENDUM NO. 1 2/10/03

REVISIONS
Ⓑ 12/2002 SIGNAL RECONSTRUCTION CA4085176
Ⓐ ASBUILT
© Installation of Video Detection Installation of Power Pedestal OT 2010-1 April 2011

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

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

⚠ MD 4/ MD 2/ MD 262
GEOMETRIC IMPROVEMENTS

DRAWN BY:	MB	F.A.P. NO.	SEE TITLE SHEET	TS NO.	3548 C
CHECKED BY:	PDU	S.H.A. NO.	AW-793- -585		
SCALE:	1"=20'	COUNTY:	CALVERT	T.I.M.S. NO.	
DATE:	DECEMBER 2002	LOG MILE:	04000428.30	SHEET NO.	1 OF 1

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2/10/03
PLOT BY: PDU
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