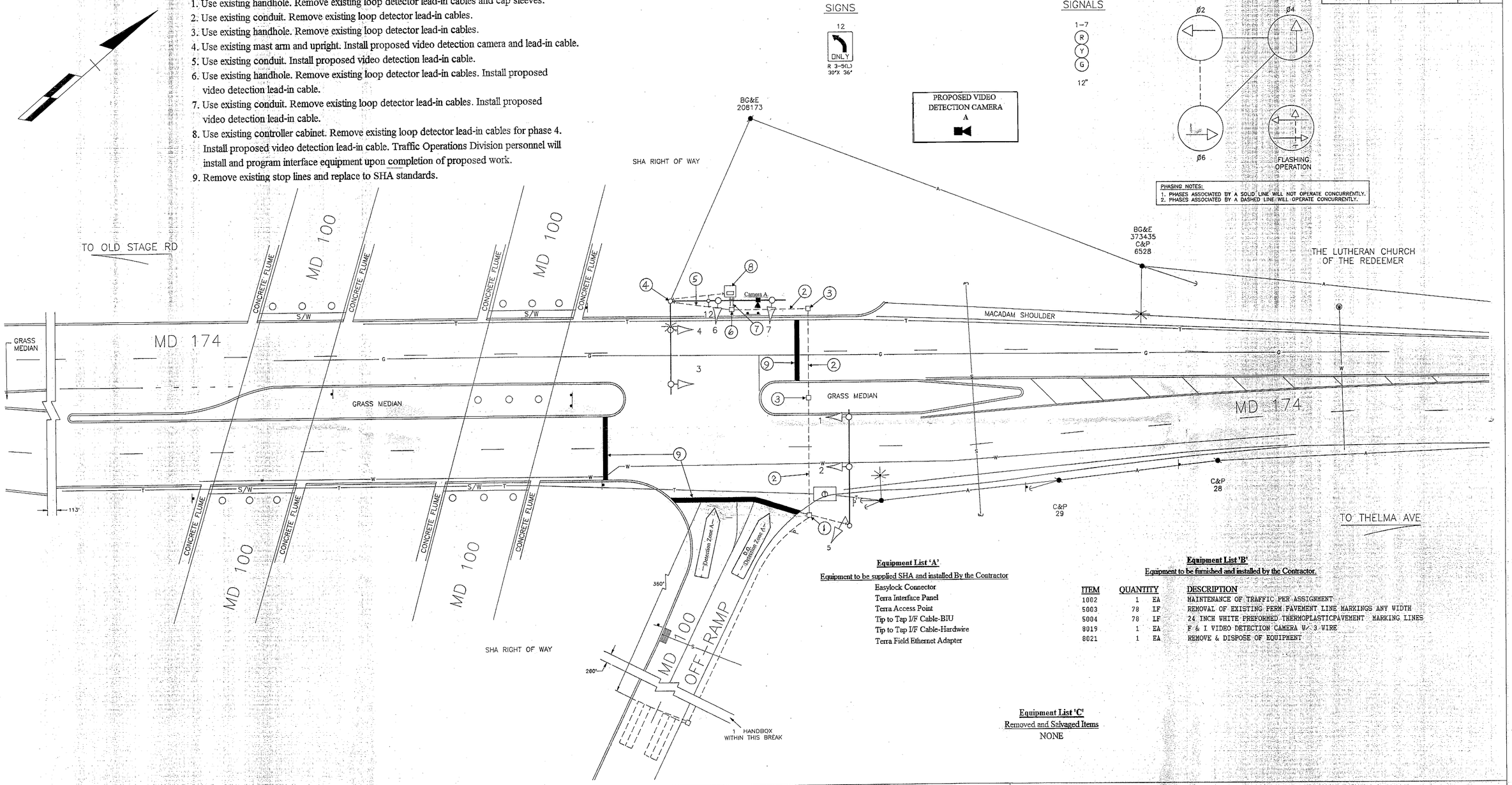
F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD		1	1

Construction Details

1. Use existing handhole. Remove existing loop detector lead-in cables and cap sleeves.
2. Use existing conduit. Remove existing loop detector lead-in cables.
3. Use existing handhole. Remove existing loop detector lead-in cables.
4. Use existing mast arm and upright. Install proposed video detection camera and lead-in cable.
5. Use existing conduit. Install proposed video detection lead-in cable.
6. Use existing handhole. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
7. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
8. Use existing controller cabinet. Remove existing loop detector lead-in cables for phase 4. Install proposed video detection lead-in cable. Traffic Operations Division personnel will install and program interface equipment upon completion of proposed work.
9. Remove existing stop lines and replace to SHA standards.



PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

Equipment List 'A'

Equipment to be supplied SHA and installed By the Contractor

- 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
5003	78	LF	REMOVAL OF EXISTING PERM PAVEMENT LINE MARKINGS ANY WIDTH
5004	78	LF	24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
8019	1	EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE
8021	1	EA	REMOVE & DISPOSE OF EQUIPMENT

Equipment List 'C'

Removed and Salvaged Items

NONE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

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2322

REVISIONS

(A) January 2012
Install Video Detection
OT 2010 TIMS: L-286

APPROVALS

1/21/93
CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

1-21-93
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

1/21/93
DIRECTOR, OFFICE OF TRAFFIC AND SAFETY

MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic and Safety

TRAFFIC ENGINEERING DESIGN DIVISION

DRAWN BY: W J NIES (FOR STS)
DES. BY: R R ZACHERL (FOR STS)
CHK. BY: 1-21-93

MD 174 AND MD 100 W.B. OFF RAMP
COUNTY ANNE ARUNDEL

DATE: 1-19-93
SCALE: 1"=20'
F.A.P. NO.
S.H.A. NO.
TS/STD. NO. 3316 A
SHEET NO. 1 OF 1