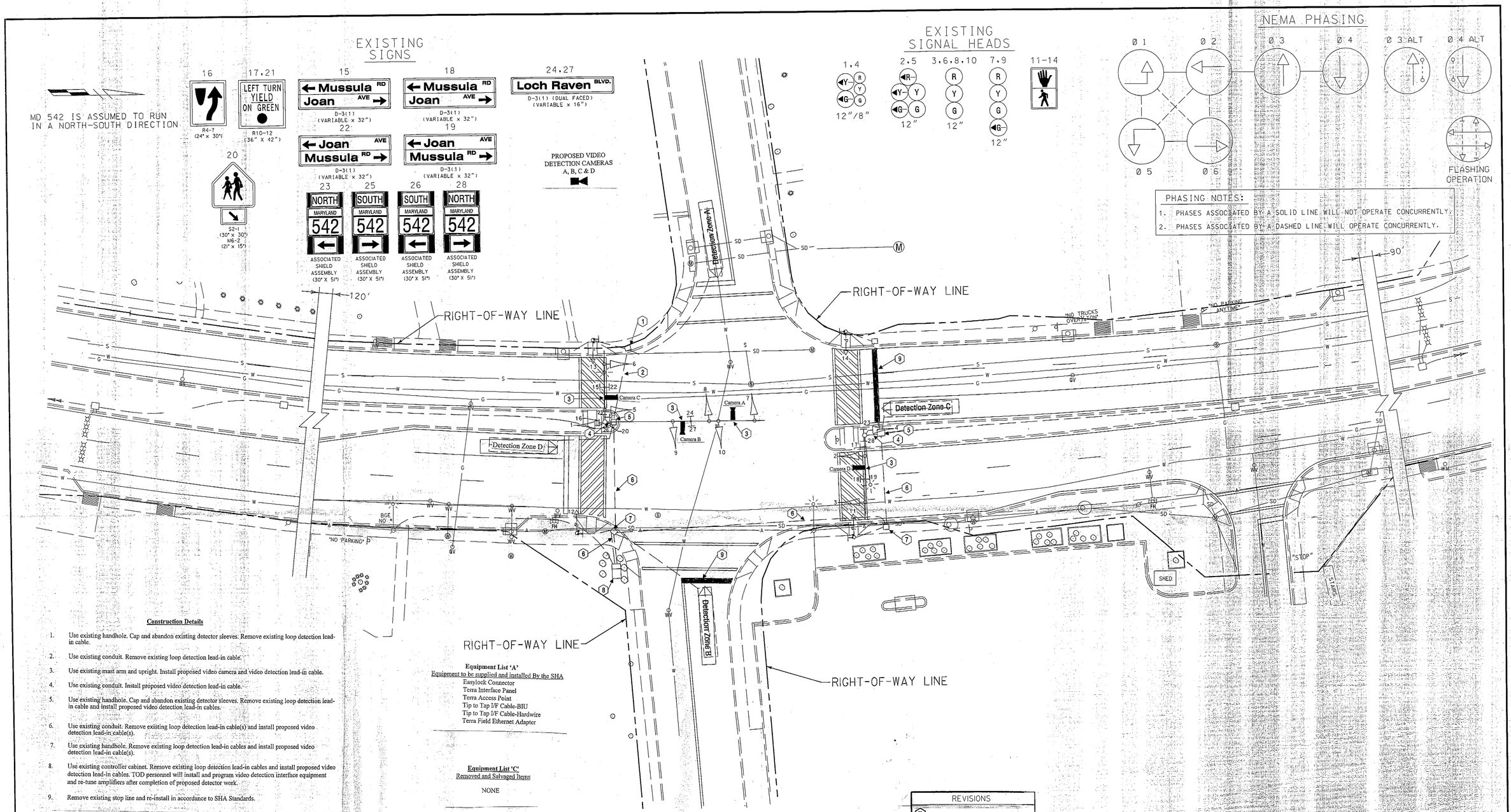

Construction Details

1. Use existing handhole. Cap and abandon existing detector sleeves. Remove existing loop detection lead-in cable.
2. Use existing conduit. Remove existing loop detection lead-in cable.
3. Use existing mast arm and upright. Install proposed video camera and video detection lead-in cable.
4. Use existing conduit. Install proposed video detection lead-in cable.
5. Use existing handhole. Cap and abandon existing detector sleeves. Remove existing loop detection lead-in cable and install proposed video detection lead-in cables.
6. Use existing conduit. Remove existing loop detection lead-in cable(s) and install proposed video detection lead-in cable(s).
7. Use existing handhole. Remove existing loop detection lead-in cables and install proposed video detection lead-in cable(s).
8. Use existing controller cabinet. Remove existing loop detection lead-in cables and install proposed 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.
9. 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 '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	55	LF	FURNRISH AND INSTALL 24 INCH WHITE PREFORMED THERMOPLASTICPAVEMENT MARKING LINES
5002	55	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8007	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT
8008	4	EA	VIDEO DETECTION CAMERA & CABLE

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS

E	Installation of Video Detection XXG48 03/2012 L-387	
D	INSTALL AUDIBLE PEDESTRIAN PUSHBUTTONS CONTRACT NO. AT3575185	5/19/04
SRB	NML	
A	INSTALL SPLIT PHASING ON JOAN AVE./ MUSSULA RD. CONTRACT NO. BA3225183 ADDENDUM NO. 1 MAY 11, 2000	
SRB	NML	
B	RECONSTRUCT TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS CONTRACT NO. BA3225183	03/00
SRB	NML	
A	REVISED DETECTION	03/86
BT		

APPROVALS

TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
ASST. 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 SIGNALIZATION PLAN
MD 542 (LOCH RAVEN BLVD.)
AND JOAN AVE/MUSSULA ROAD

DRAWN BY:	BRUCE THOMPSON	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	DENNIS DODA	S.H.A. NO.	B-785-501-485	TS-2014	
SCALE:	1" = 20'	COUNTY:	BALTIMORE	T.I.M.S. NO.	OF
DATE:	9-26-84	LOG MILE:	0305+20.88	L-387	

$DGNNAME$