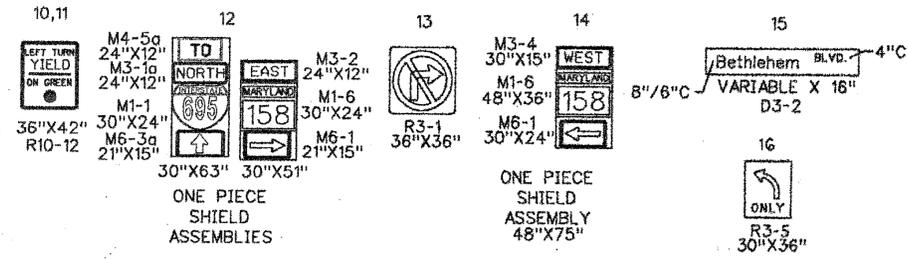
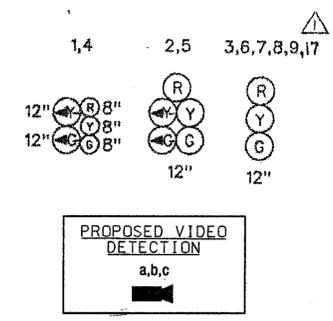


F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

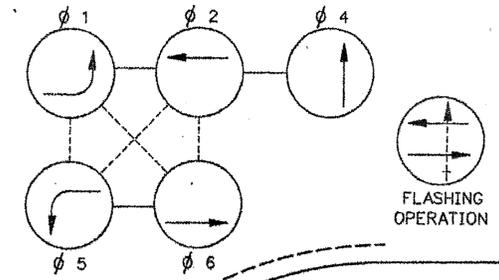
SIGNS



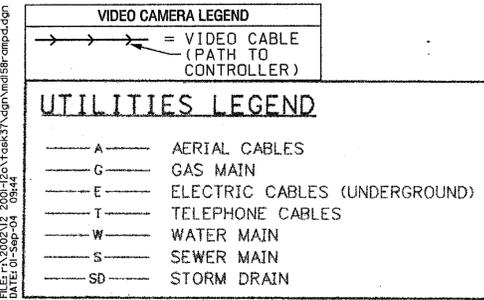
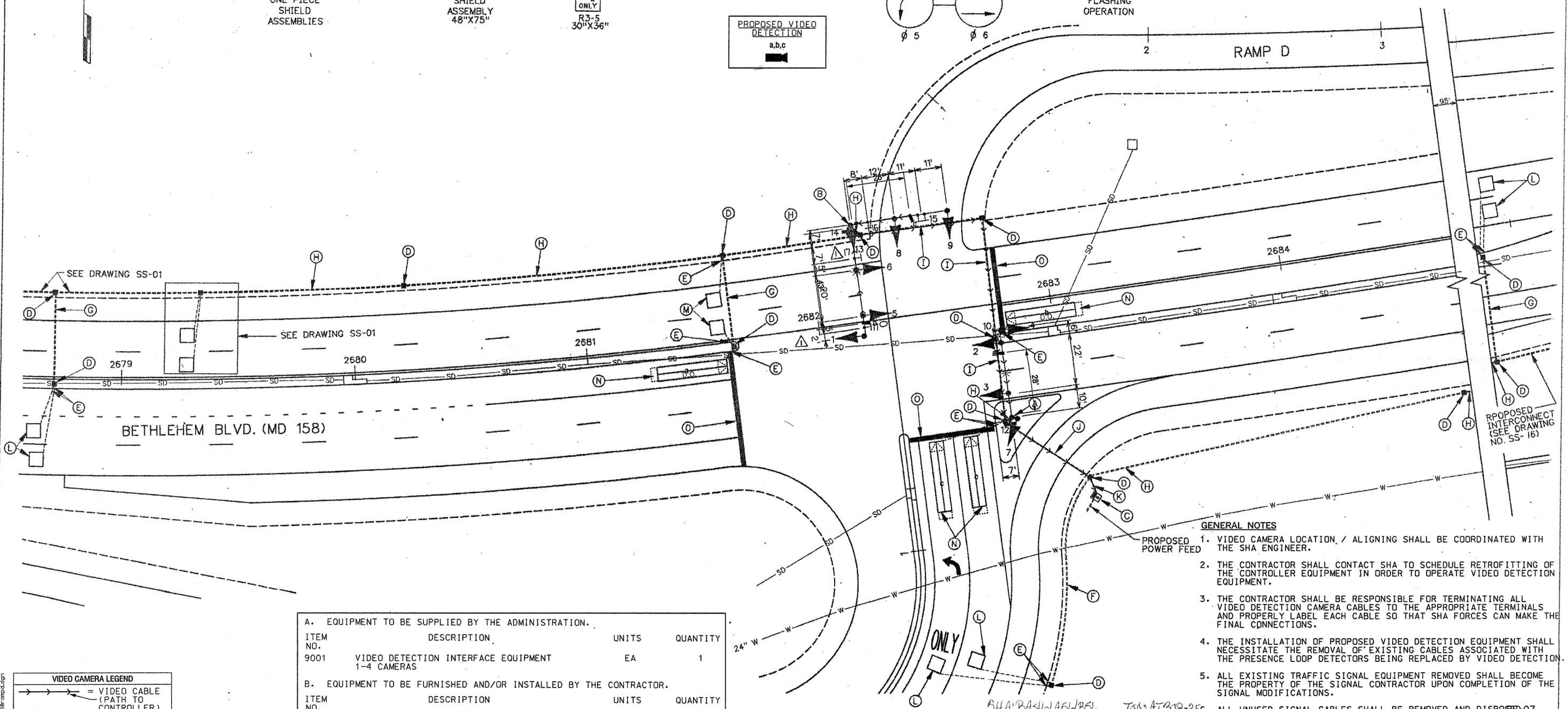
SIGNALS



NEMA PHASING



PHASING NOTES:
 1. Phases associated by a solid line will not operate concurrently.
 2. Phases associated by a dashed line will operate concurrently.



A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.			
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
9001	VIDEO DETECTION INTERFACE EQUIPMENT 1-4 CAMERAS	EA	1
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.			
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
8019	VIDEO DETECTION CAMERA	EA	3
8020	CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1
8021	CONTROL CABLE, 500 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	2

- GENERAL NOTES**
1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
 2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
 4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
 5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
- PROPOSED POWER FEED
- ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

SABRA, WANG & ASSOCIATES, INC.
 1604 JOH. AVENUE SUITE 160
 BALTIMORE, MD 21227
 (410) 737-8664
 WWW.SABRA-WANG.COM

REVISIONS:

ADDENDUM NO. 1	4-24-95	for Steve Payne 3/23/95
INSTALL VIDEO DETECTION	9/01/04	SHA NO. AT3085185

APPROVALS:

ASST. DISTRICT ENGINEER TRAFFIC: *[Signature]* 3/23/95

CHIEF TRAFFIC ENGINEERING DESIGN DIVISION: *[Signature]* 3/23/95

SHA MDOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 030158

MD 158 (BETHLEHEM BOULEVARD)
 @ RAMP D
 SIGNAL PLAN
 COUNTY: BALTIMORE

DRAWN BY: ZAJ
 DES. BY: ZAJ
 CHK. BY: Steve Payne 3/23/95

DATE: MARCH, 1995 F.A.P. NO. _____
 SCALE: 1"=20' SHA NO. KR-421-000-006 TS/STD. NO.: TS-3503P 379 447

FILE: S:\ASB\030158\2001\PC\158S17\Drawn\md158ramp.dgn DATE: 01-26-05 09:44