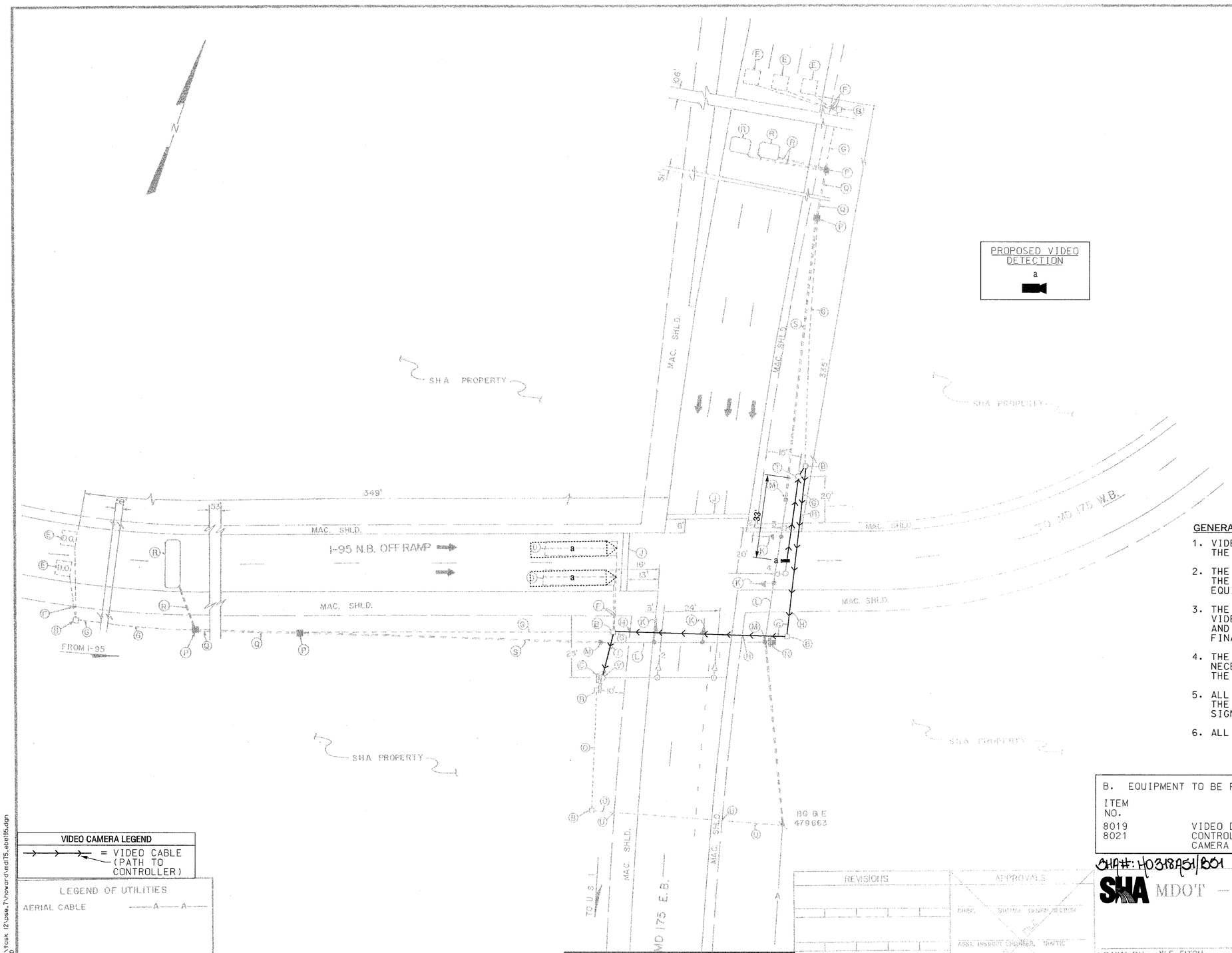
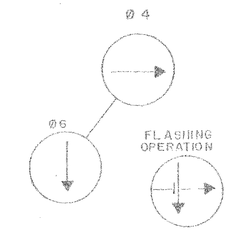
F.H.WA. REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.			



NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

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.
6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
8019	VIDEO DETECTION CAMERA	EA	1
8021	CONTROL CABLE, 500 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1

SHA#: H0318A51/B01 TOD#: AT308-13

VIDEO CAMERA LEGEND

= VIDEO CABLE (PATH TO CONTROLLER)

LEGEND OF UTILITIES

AERIAL CABLE ——A——A——

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
(B) INSTALL VIDEO DETECTION SHA No. AT3085185 — 4/15/04	CHIEF, SIGNAL DESIGN SECTION
(A) RECONSTRUCT SIGNALS TO UPDATE DESIGN AND ELIMINATE HAZARDS. SHA. NO. H0318A51 — 10/30/03	ASST. DISTRICT ENGINEER, TRAFFIC
S.M.M.E.T. — 7/22/03 — N/A	CHIEF, TRAFFIC ENGINEERING DIVISION
	DEPUTY CHIEF ENGINEER, TRAFFIC

SHA MDOT — STATE HIGHWAY ADMINISTRATION

Office of Traffic

TRAFFIC ENGINEERING DIVISION

DRAWN BY: W.F. FITCH	MD. 175 E.B. AT I-95 RAMPS		COUNTY: HOWARD
DES. BY: W.F. FITCH			
CHK. BY: J. SPENCE			
DATE: 9-27-71	F.A.P. NO.	TS/STD. NO.	SHEET NO.
SCALE: 1" = 20'	S.H.A. NO. H0-421X-775	TS-193XB	OF

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DATE: 13-Apr-04 07:00