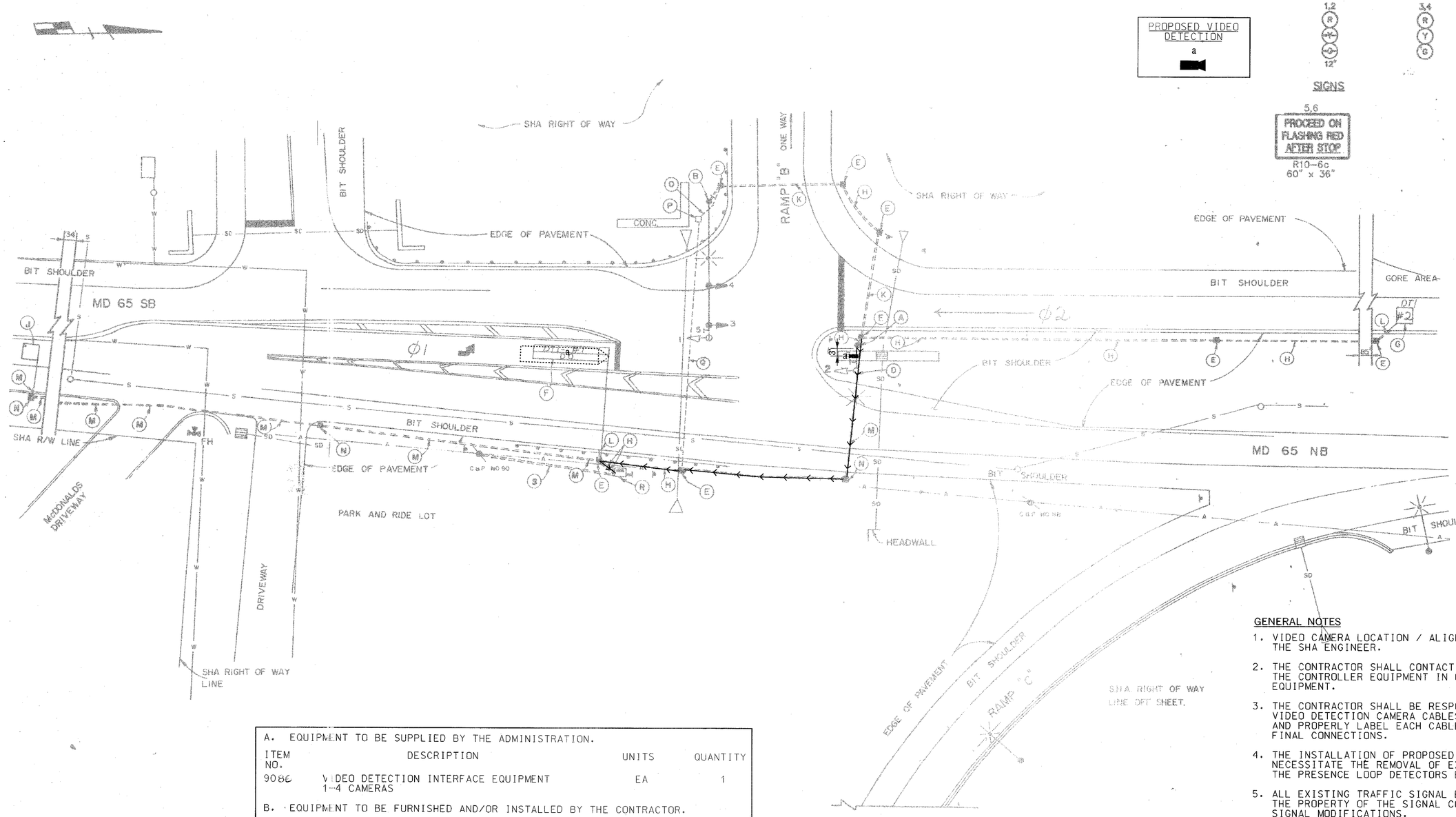
F H WA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.	N/A	29	47



PROPOSED VIDEO DETECTION
a

PROPOSED SIGNALS

1,2
R
Y
G
12"

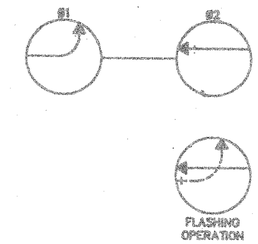
EXISTING SIGNALS

3,4
R
Y
G

SIGNS

5,6
PROCEED ON FLASHING RED AFTER STOP
R10-6c
60" x 36"

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
9086	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
8058	VIDEO DETECTION CAMERA	EA	1
8009	CONTROL CABLE, 300 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1

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.

VIDEO CAMERA LEGEND

= VIDEO CABLE (PATH TO CONTROLLER)

UTILITY LEGEND

- G G GAS MAIN
- W W WATER MAIN
- S S SEWER MAIN
- E E ELECTRIC CABLES
- T T TELEPHONE CABLES
- A A AERIAL CABLES

GENERAL NOTES:

1. "D.O." INDICATES DELAY-OUTPUT LOOP DETECTOR.
2. REVISION 'A' IS A REVISION TO THE TRAFFIC SIGNAL INSTALLED IN SEPTEMBER, 1990 UNDER CONTRACT NO. W-871-501-685.

SABRA, WANG & ASSOCIATES, INC.
1504 10H AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
A 3-1-93 MODIFY SIGNAL DUE TO ELIMINATION OF RAMP "D"	CHIEF, SIGNAL DESIGN SECTION
ZMZ	ASST. CONTROL ENGINEER, TRAFFIC
B 10/15/04 INSTALL VIDEO DETECTION SHA No. AT#045185	CHIEF, TRAFFIC ENGINEERING DIVISION
SWA	DEPUTY CHIEF ENGINEER, TRAFFIC

SHA MDOT – STATE HIGHWAY ADMINISTRATION

Office of Traffic

TRAFFIC ENGINEERING DIVISION

SHA #: WA30A03/D03 TCD #: AT808-21 TIMS # G 596

I 70 EB RAMP "D" AND MD 65 (SHARPSBURG PIKE)

SIGNAL NO. 2100651O.48 COUNTY: WASHINGTON

DRAWN BY: L. TAUBER				
DES. BY: J. MALINOWSKI				
CHK. BY:				
DATE: JUNE 1990	F.A.P. NO. N/A		TS/STD. NO.	SHEET NO.
SCALE: 1" = 20'	S.H.A. NO. W 893-501-672 ~~W-871-501-685~~		TS 2610X B	29 OF 47

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