EXISTING SIGNALS

1,2,3,4 — R, Y, G

5,6,7,8,9, 10,11,12

→ - OPTICAL PRE-EMPTION DETECTOR EYE

PROPOSED VIDEO DETECTION
a,b

EXISTING SIGNS

10 — W. Franklin St. — D3-2 VAR. X 16"

13,17 — ONE WAY — R6-1(L) 36"X12"

14,19 — NO TURN ON RED — R10-11(B) 24"X24"

15 — Jonathan St. — D3-2 VAR. X 16"

16 — TO / SOUTH / 11 — M4-5 24" x 12"; M3-3 24" x 12"; M1-4a 24" x 24"; M6-3 21" x 15"

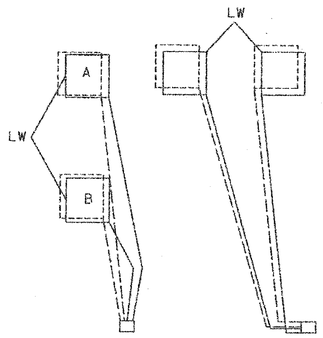
18,21 — ONE WAY — R6-1(L) 36"X12"

NEMA PHASING

02, 04, FLASHING OPERATION, PREEMPTION A, PREEMPTION B

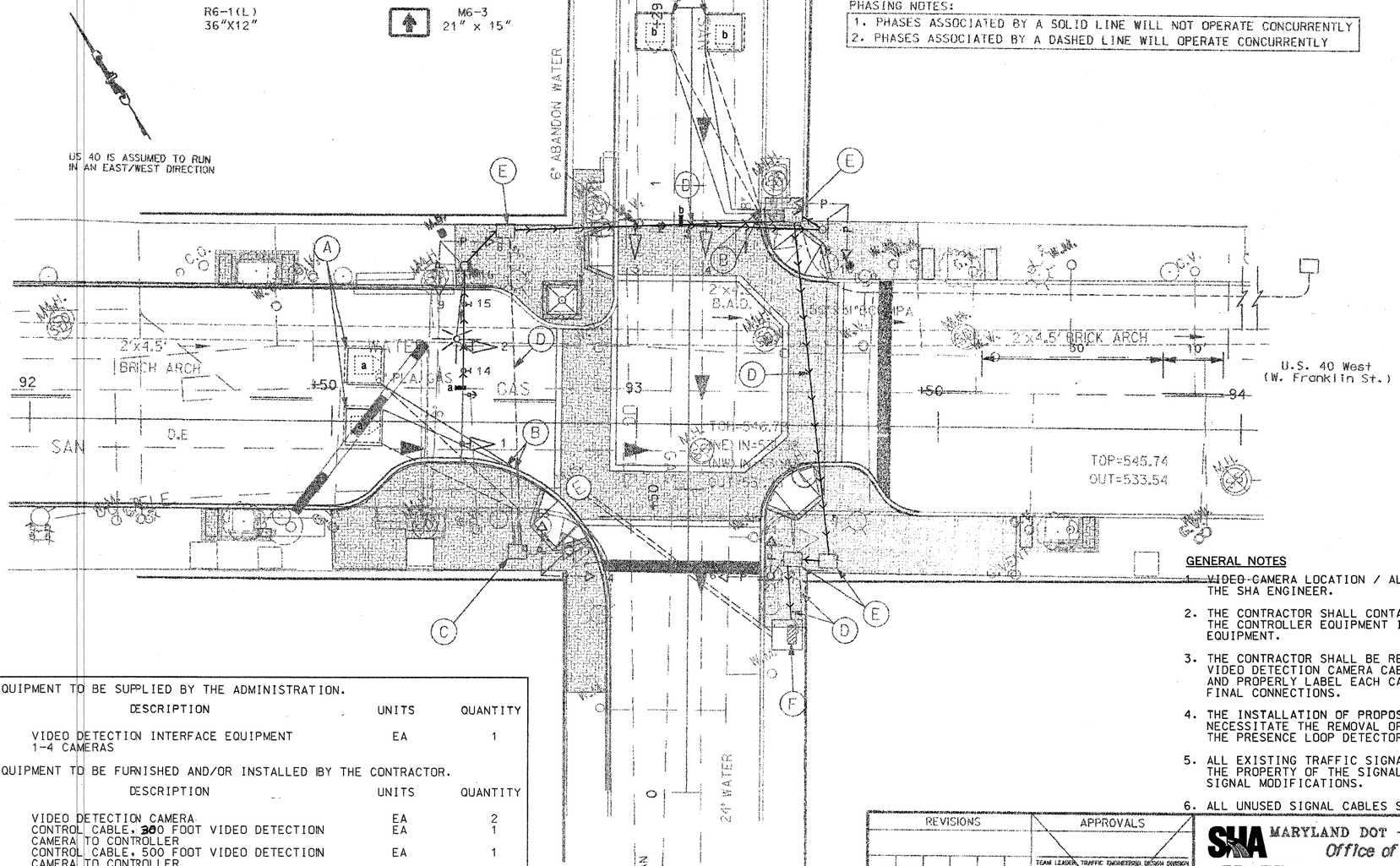
PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

WIRING DIAGRAM



WIRING LEGEND

LW - LOOP WIRE



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	2
8009	CONTROL CABLE, 300 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1
8021	CONTROL CABLE, 500 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1

VIDEO CAMERA LEGEND
= VIDEO CABLE (PATH TO CONTROLLER)

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.

SABRA, WANG & ASSOCIATES, INC.
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BALTIMORE, MD 21227
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WWW.SABRA-WANG.COM

REVISIONS

13	10/01/04	INSTALL VIDEO DETECTION SHA Item A1-05185
12	08/01	SWA Replace Sampling Detector SHA No. WA105A21
11		DCI

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF 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

US 40 West (West Franklin St) at Jonathan St.

DRAWN BY: M.GESELL	F.A.P. NO. STPG-218-1(7)G	TS NO. 3607-XB	SHEET NO.
CHECKED BY:	S.H.A. NO. WA953-A51		
SCALE: 1"=10'	COUNTY: WASHINGTON	T.T.M.S. NO. G595	34 OF 79
DATE: 05/30/97	LOG MILE: 21E04035.76		

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DATE: 31-Aug-04 08:41