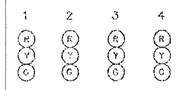
FHWA REGION NO	STATE	FED. AID PROJ. NO	SHEET NO.	TOTAL SHEETS
3	MD.	STPG-218-1(7)E	6	66

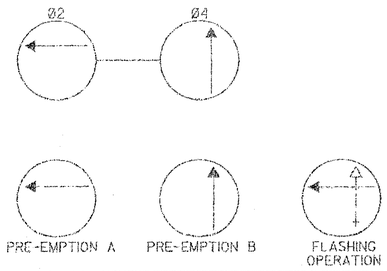
U.S. 40 WEST (EAST FRANKLIN STREET) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

PHASING DIAGRAM



PHASE 2	G	G	R	R
2 CHANGE	Y	Y	R	R
PHASE 4	R	R	G	G
4 CHANGE	R	R	Y	Y
PRE-EMPTION A	G	G	R	R
A CHANGE	Y	Y	R	R
PRE-EMPTION B	R	R	G	G
B CHANGE	R	R	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R

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

SIGNALS

1,2,3,4

R
Y
G

12"

→ -- OPTICAL PRE-EMPTION DETECTOR EYE

PROPOSED VIDEO DETECTION
a,b

SIGNS

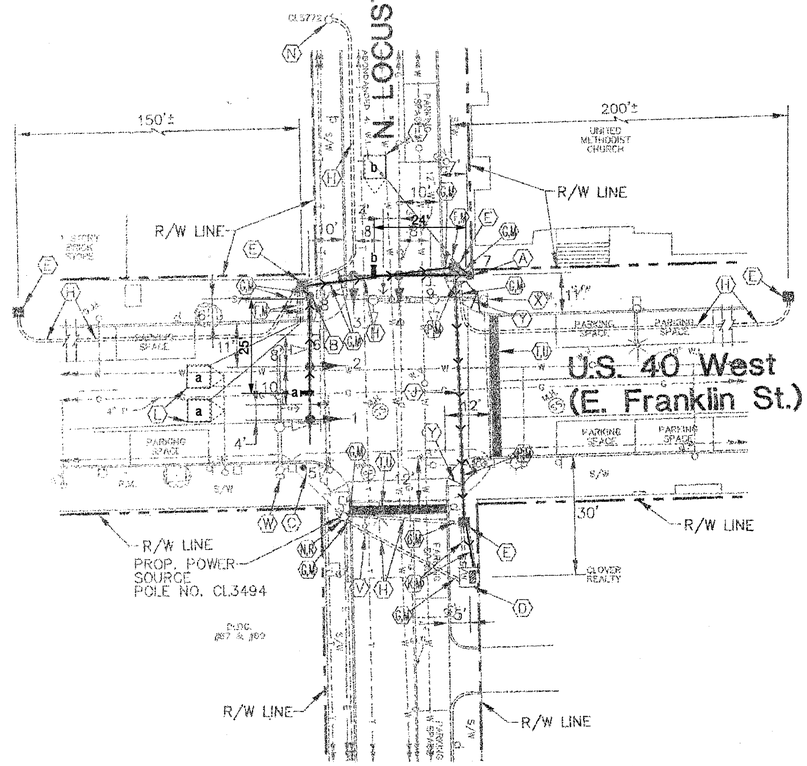
5 — ONE WAY — R6-1(R) 36" x 12"

6 — N. Locust — D3-2 Var. x 16"

7 — ONE WAY — M4-5 24" x 12"; M1-6a 24" x 24"; 10 / 60 — M6-1 21" x 15"; R6-1(R) 36" x 12"

8 — ONE WAY — R6-1(L) 36" x 12"

9 — E. Franklin — D3-2 Var. x 16"



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

VIDEO CAMERA LEGEND

→ → → = VIDEO CABLE (PATH TO CONTROLLER)

UTILITY LEGEND

G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
	STORM DRAIN
TV	CABLE TELEVISION
E	ELECTRIC CABLES
T	TELEPHONE CABLES
A	AERIAL CABLES

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

REVISIONS

A. INSTALL VIDEO DETECTION — 10/21/04 — SHA No. A2095185 — SWA

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION — LOG MI. 21W04036.23

DRAWN BY: M. GESELL
DES. BY: J. LAWRENCE
CHK. BY:

US 40 West (East Franklin St.) at North Locust St.

TIMS# G595 — COUNTY: WASHINGTON

DATE: 05/30/97 — F.A.P. NO. STPG-218-1(7)E — TS. NO. 3680A — SHEET NO. 6 OF 66
SCALE: 1" = 20' — S.H.A. NO. WA9535185

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