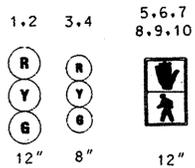
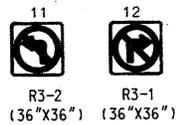


US 1 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

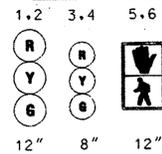
PROPOSED SIGNALS



PROPOSED SIGNS



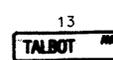
EXISTING SIGNALS TO BE REMOVED



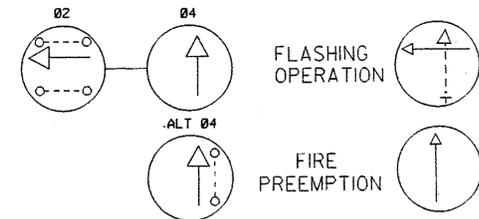
EXISTING SIGNS TO REMAIN



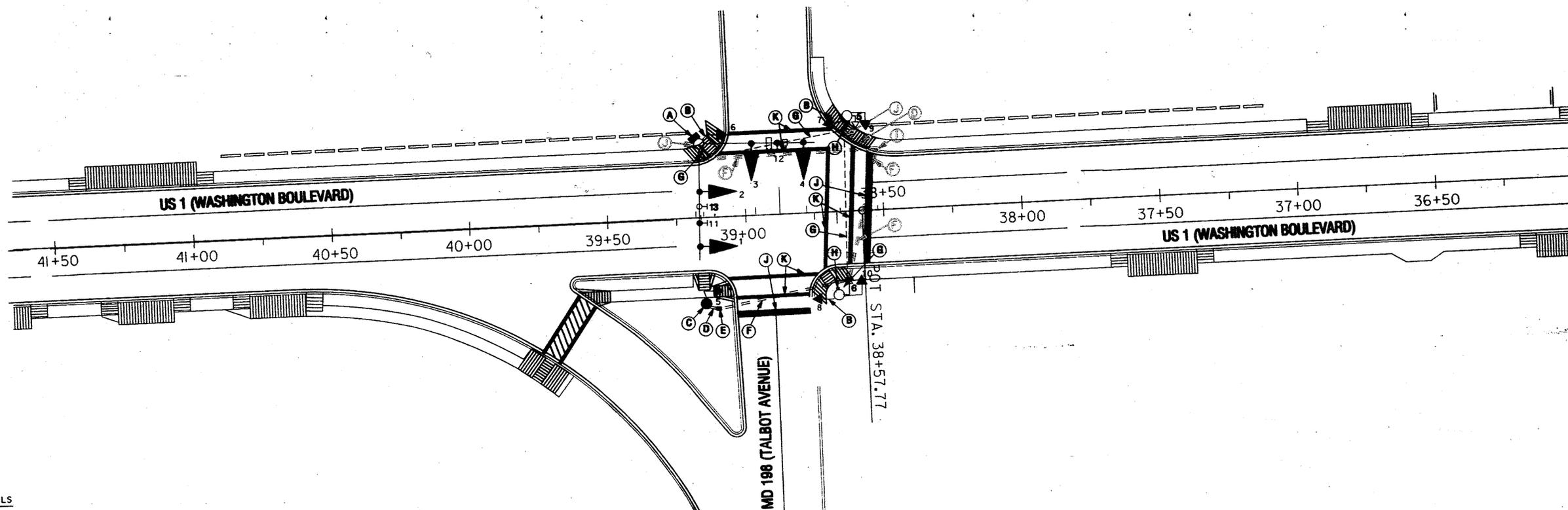
EXISTING SIGNS TO REMAIN



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. REMOVE AND INSTALL EIGHT-PHASE FULLY ACTUATED CONTROLLER AND POLE MOUNTED CABINET ON EXISTING POLE (REMOVE EXISTING TELEMETRY FROM EXISTING CABINET AND INSTALL INTO NEW CABINET).
- B. INSTALL PEDESTRIAN SIGNAL HEAD ON EXISTING POLE.
- C. INSTALL CONCRETE FOUNDATION WITH 10' STEEL PEDESTAL POLE, BREAKAWAY BASE, SIGNAL HEADS, AND 1-2" PVC CONDUIT BEND.
- D. INSTALL 3" SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED.
- E. INSTALL ELECTRICAL HANDHOLE.
- F. INSTALL 4" SCHEDULE 80, PVC ELECTRICAL CONDUIT - SLOTTED.
- G. USE EXISTING HANDHOLES AND CONDUIT TO ROUTE CABLE BACK TO THE CABINET.
- H. INSTALL PEDESTRIAN PUSH BUTTONS AND SIGNS TO READ "PUSH BUTTON TO CROSS WASHINGTON BLVD".
- I. INSTALL ELECTRICAL HANDHOLE.
- J. LOCATE EXISTING 2" CONDUIT AND COUPLE NEW 3" CONDUIT TO IT.

GENERAL NOTES

1. FINAL VIDEO CAMERA PLACEMENT/ALIGNMENT SHALL BE APPROVED BY THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY THE PROPOSED PEDESTAL POLE LOCATION PRIOR TO INSTALLATION.
3. FOR FINAL SIGNING AND PAVEMENT MARKING INFORMATION, THE CONTRACTOR SHALL REFER TO THE PROJECT SIGNING AND PAVEMENT MARKING PLAN SHEETS.
4. THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC VEHICLE AND PEDESTRIAN SIGNAL HEADS WITH APPROVED BLACK-FACED TYPE HEADS AND BE INSTALLED IN THE SAME LOCATION AS EXISTING.

GEOMETRIC LEGEND

--- EXISTING
 --- PROPOSED

UTILITY LEGEND

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

SABRA, WANG & ASSOCIATES, INC.
 1506 JOH AVENUE
 SUITE 180
 BALTIMORE, MD 21227
 WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
C DATE 2/14/02 SHA NO. PGH15283	TEAM LEADER TRAFFIC ENGINEERING DESIGN DIVISION
D. INSTALL 4" CONDUIT ACROSS US1 AND ACROSS WEST LEG 198	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CJS	TRAFFIC ENGINEERING DESIGN DIVISION
RED LINE REVISION NO. 4 3/25/04	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

**SB US 1 (WASHINGTON BOULEVARD)
 AT WB MD 198 (TALBOT AVENUE)**

DRAWN BY: TW	F.A.P. NO. SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY: SR	S.H.A. NO. PGH15284	T.J.M.S. NO.	
SCALE: 1" = 20'	COUNTY: PRINCE GEORGE'S	E 957	60 OF 78
DATE: SEPTEMBER, 2002	LOG MILE:		