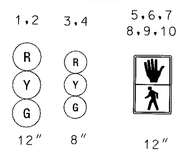
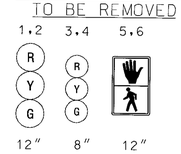
US 1 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

PROPOSED SIGNALS



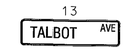
PROPOSED SIGNS

EXISTING SIGNALS TO BE REMOVED

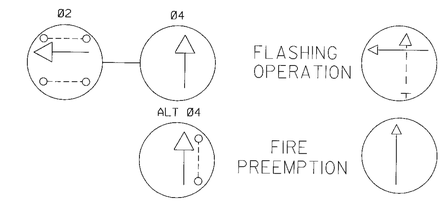


EXISTING SIGNS TO REMAIN

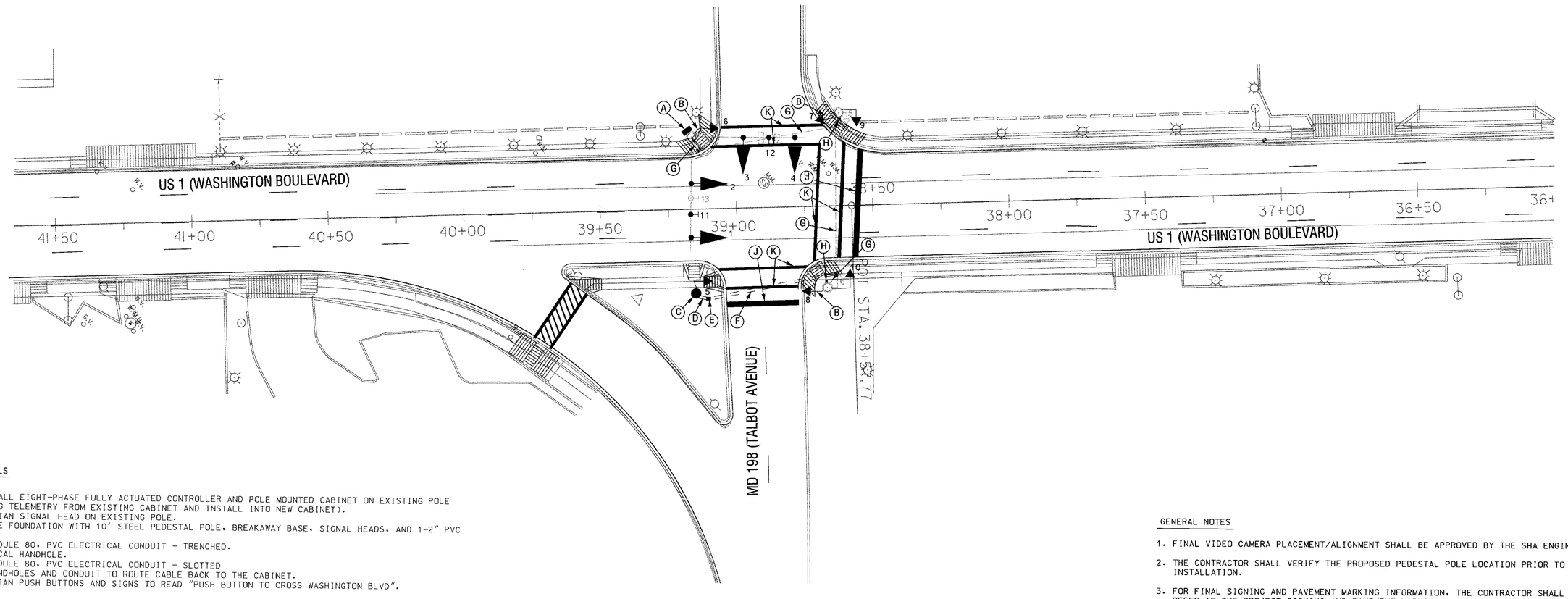
EXISTING SIGNS TO REMAIN



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".

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

R:\02-06\DWG\SIGNALS\7099GP03.DGN

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

REVISIONS
C DATE 2/14/02
SHA NO. PG115283
SWA CTS

APPROVALS
ORIGINAL ON FILE
TEAM LEADER-TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
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.	PG115284	1636-C	
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	
DATE:	SEPTEMBER, 2002	LOG MILE:	16000113.58	E 957	60 OF 78