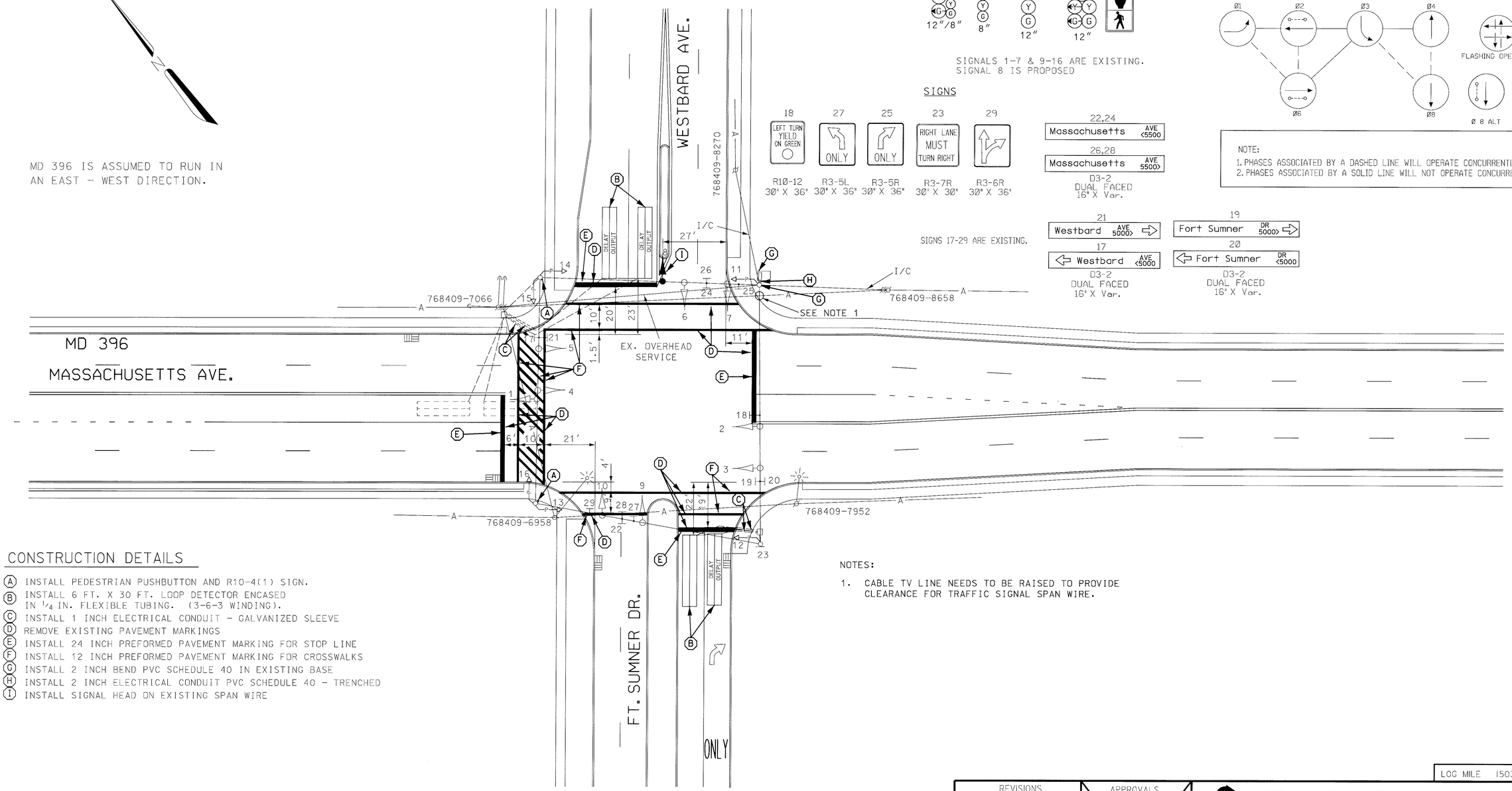
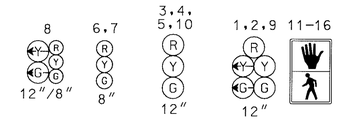
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE BELOW	1	2

MD 396 IS ASSUMED TO RUN IN AN EAST - WEST DIRECTION.

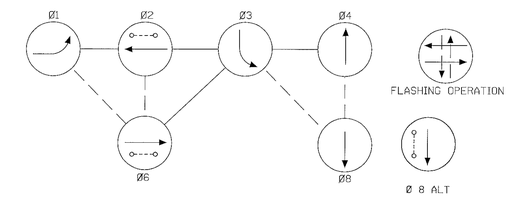


SIGNALS



SIGNALS 1-7 & 9-16 ARE EXISTING.
SIGNAL 8 IS PROPOSED

NEMA PHASING



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

SIGNS

D3-2
DUAL FACED
16" X Var.

D3-2
DUAL FACED
16" X Var.

D3-2
DUAL FACED
16" X Var.

SIGNS 17-29 ARE EXISTING.

CONSTRUCTION DETAILS

- (A) INSTALL PEDESTRIAN PUSHBUTTON AND R10-4(1) SIGN.
- (B) INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING. (3-6-3 WINDING).
- (C) INSTALL 1 INCH ELECTRICAL CONDUIT - GALVANIZED SLEEVE
- (D) REMOVE EXISTING PAVEMENT MARKINGS
- (E) INSTALL 24 INCH PREFORMED PAVEMENT MARKING FOR STOP LINE
- (F) INSTALL 12 INCH PREFORMED PAVEMENT MARKING FOR CROSSWALKS
- (G) INSTALL 2 INCH BEND PVC SCHEDULE 40 IN EXISTING BASE
- (H) INSTALL 2 INCH ELECTRICAL CONDUIT PVC SCHEDULE 40 - TRENCHED
- (I) INSTALL SIGNAL HEAD ON EXISTING SPAN WIRE

NOTES:

1. CABLE TV LINE NEEDS TO BE RAISED TO PROVIDE CLEARANCE FOR TRAFFIC SIGNAL SPAN WIRE.

UTILITY LEGEND

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

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD; SUITE 210
COLUMBIA, MARYLAND 21045
(410)-884-3607

REVISIONS

(A) ADD PEDESTRIAN PUSHBUTTONS AND SIDE STREET DETECTORS 10/7/97 RJM

APPROVALS

ORIGINAL ON FILE

ASST. DIVISION CHIEF, TEDD
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

10/14/97

LOG MILE 15039601.44

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 396 (MASSACHUSETTS AVE.) AT
FORT SUMNER DR./WESTBARD AVE.

DATE / /

DRAWN BY:	F.A.P. NO.	PLAN SHEET NO.: TS-3725A	SHEET NO. 1 OF 2
CHECK BY:	S.H.A. NO.		
SCALE: 1" - 20'	COUNTY MONTGOMERY		

23855T2507408