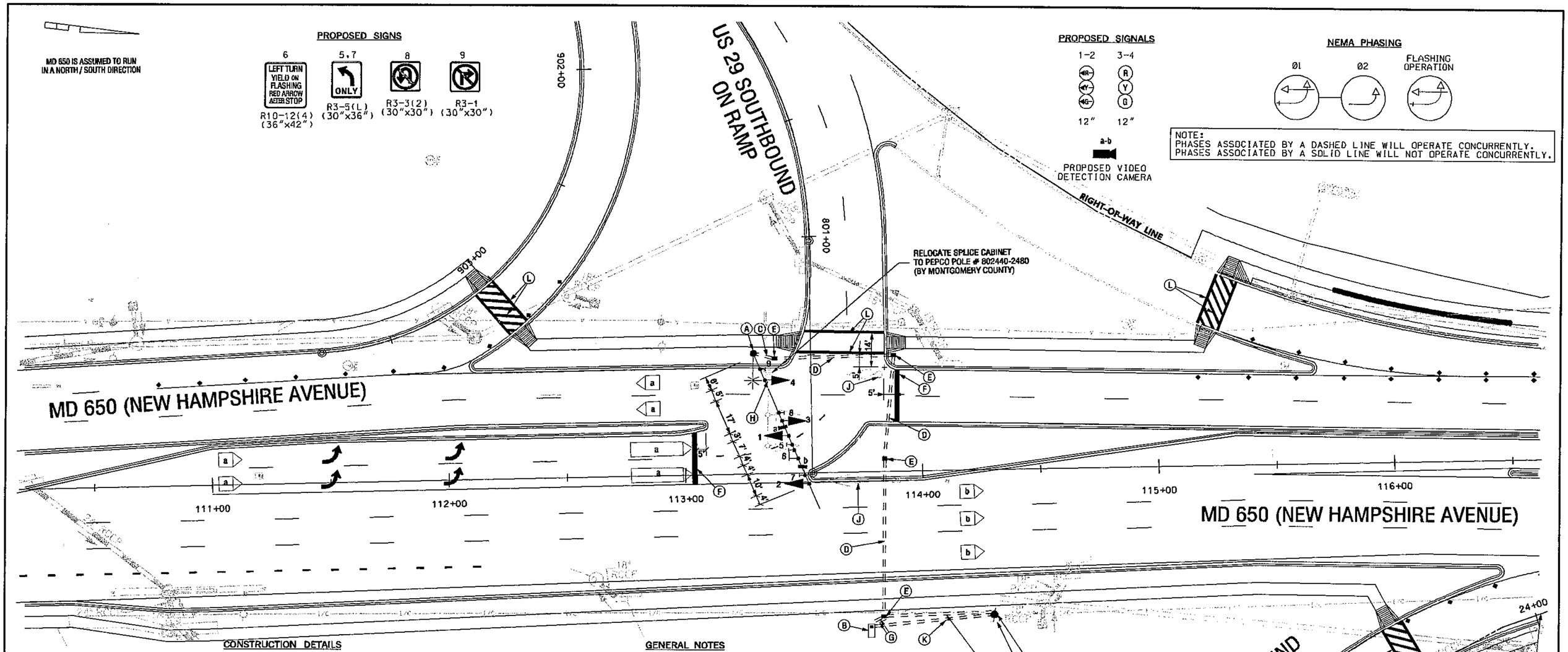

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM WITH SIGNAL HEADS, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, 10 FT. LIGHTING ARM AND OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 113+29 LT. 52'

B. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS.) STA. 113+77 RT. 66'

C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

E. INSTALL HANDHOLE.

F. INSTALL 24 IN. WHITE, HEAT APPLIED, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.

G. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

H. REMOVE EXISTING POLE, MAST ARM AND ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

J. REMOVE EXISTING POLE, ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

K. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF POWER POLE AND COIL UP 35 FT. OF SLACK CABLE 3 WIRE 1 -CONDUCTOR #4 AWG. (PEPCO # 802440-2480)

L. INSTALL 12 IN. WHITE, HEAT APPLIED, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.

GENERAL NOTES

1. Video Camera placement shall be coordinated with MCDPWT.
2. Contractor shall verify all proposed pole and cabinet locations, prior to installation.
3. For final pavement markings, except stop lines and crosswalks, refer to the project pavement marking plans.
4. All existing traffic signal equipment shall become the property of the signal contractor upon completion of the proposed signal.
5. All proposed luminaires shall be supplied with a photocell.
6. The contractor shall verify all underground utilities prior to installing proposed signal equipment; if conflicts with these utilities are identified the contractor shall contact the project engineer.
7. Disconnecting and relocation of existing splice cabinet and interconnect cable shall be done by MCDPW forces. The contractor shall run the interconnect cable into the base of each proposed signal cabinet and properly tag the cable. Contact Mr. Bob Gonzales of MCDPWT at (240) 777-2190 one week in advance of the intended relocation.
8. All signal equipment shall be installed to final grade.

⚠1 ADDENDUM NO. 1
MAY 29, 2003
REPLACE THIS SHEET

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

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

REVISIONS			
A	SHA NO. M09005171 RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES	03/03	SWA

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

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

MD 650 (NEW HAMPSHIRE AVENUE) AND US 29 SOUTHBOUND ON RAMP

SG 9

DRAWN BY:		F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.			
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.J.M.S. NO.	
DATE:		LOG MILE:	15065003.65	E966	166 OF 223

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