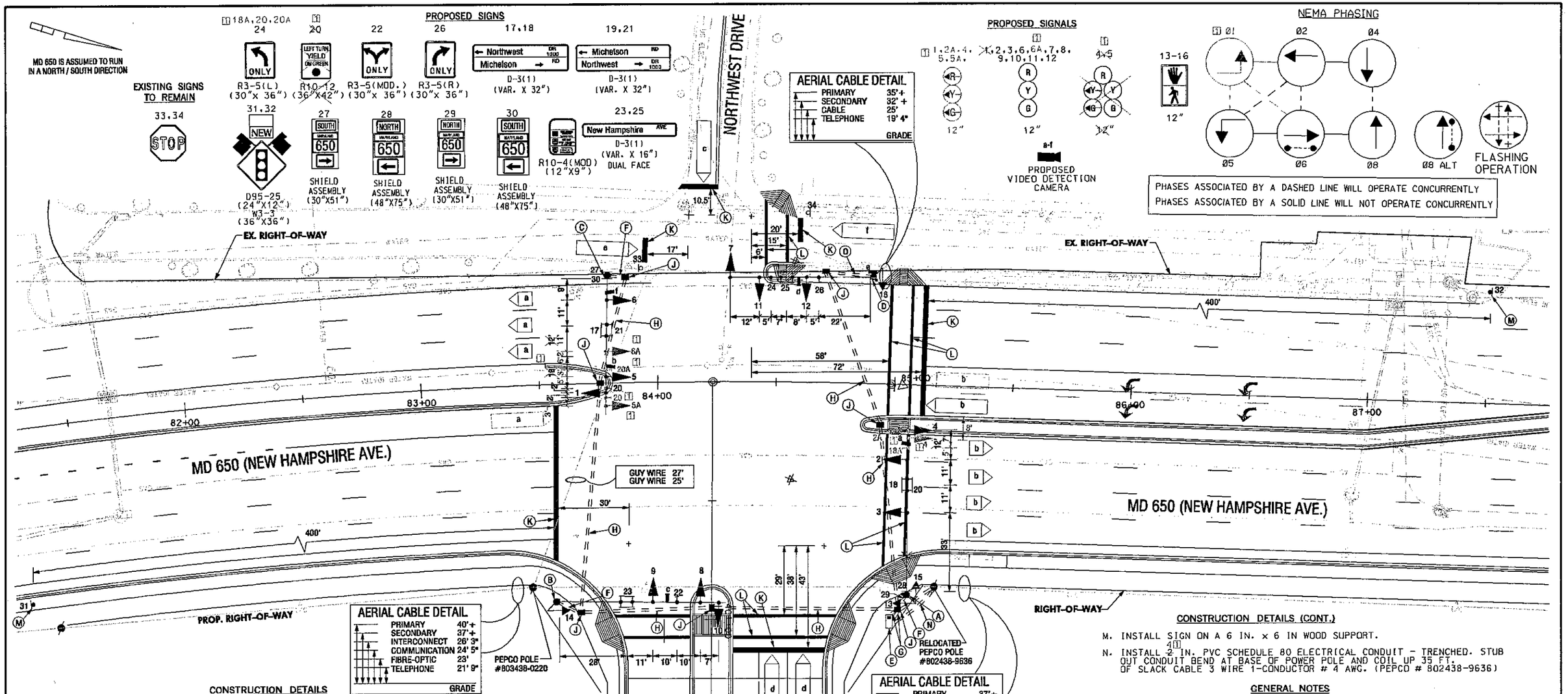

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A SPECIAL "T" STEEL POLE WITH SINGLE 70 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN, SIGNS, PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND STA. 85+06 RT. 87'

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, SIGNS AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND AND STA. 83+57 RT. 91'

C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH SINGLE 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND. STA. 83+78 LT. 48'

D. INSTALL CONCRETE FOUNDATION WITH A SPECIAL "T" STEEL POLE WITH SINGLE 60 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN, SIGNS AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND AND STA. 84+79 LT. 45'

E. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA. 85+03 RT. 97'

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

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

H. INSTALL 4 IN. PVC. SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

J. INSTALL HANDHOLE.

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

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

CONSTRUCTION DETAILS (CONT.)

M. INSTALL SIGN ON A 6 IN. x 6 IN WOOD SUPPORT.

N. 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 # 802438-9636)

GENERAL NOTES

1. Video Camera placement shall be coordinated with the SHA Engineer.
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.

REDLINE REVISION NO. 1

ADDENDUM NO. 1 MAY 29, 2003 REPLACE THIS SHEET

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

REVISIONS	APPROVALS
1 SHA CONTRACT NO. M0900517 REDLINE REVISION NO. 1 06/ /03 SHA	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 6-22-03; ASSISTANT CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 6/23/03; CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 6-22-03; DIRECTOR, OFFICE OF TRAFFIC & SAFETY 6-22-03

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

MD 650 (NEW HAMPSHIRE AVENUE) AND MICHELSON DRIVE/NORTHWEST DRIVE

SG 5

DRAWN BY:	S. SMITH	F.A.P. NO.	SEE TITLE SHEET	TS NO. 4242	SHEET NO.
CHECKED BY:	K. RINKER	S.H.A. NO.	M0900517I		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. E966	
DATE:	MARCH 2003	LOG MILE:	I5065002.34		162 OF 223

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