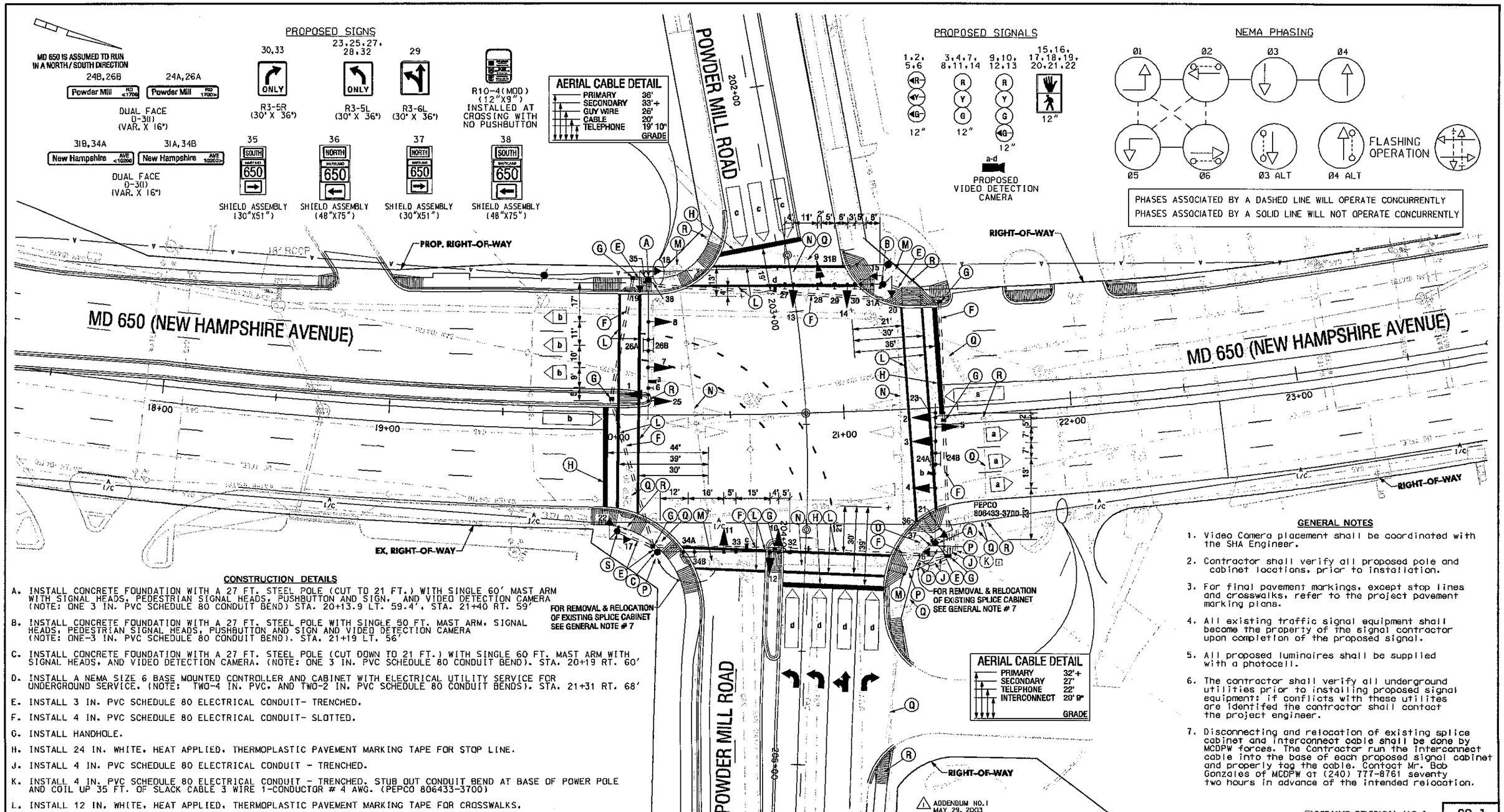

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT TO 21 FT.) WITH SINGLE 60' MAST ARM WITH SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN. AND VIDEO DETECTION CAMERA (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND) STA. 20+13.9 LT. 59.4', STA. 21+40 RT. 59'

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN AND VIDEO DETECTION CAMERA (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 21+19 LT. 56'

C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, AND VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 20+19 RT. 60'

D. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC. AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA. 21+31 RT. 68'

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

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

G. INSTALL HANDHOLE.

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

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

K. INSTALL 4 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 806433-3700)

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

M. REMOVE EXISTING SIGNAL POLE FOUNDATION AND BACKFILL 12 IN. BELOW GRADE.

N. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

O. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION BACKFILL 12 IN. BELOW GRADE.

P. MONTGOMERY COUNTY FORCES ARE TO RELOCATE EXISTING INTERCONNECT SPLICE CABINET TO NEW MAST ARM SIGNAL POLE.

Q. CAP AND ABANDON EXISTING CONDUIT.

R. REMOVE EXISTING HANDHOLE.

S. INSTALL CONCRETE FOUNDATION WITH 10' STEEL PEDESTAL POLE WITH BREAKAWAY BASE, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 20+02 RT 50'

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 utilites are identifed 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 run the interconnect cable into the base of each proposed signal cabinet and properly tag the cable. Contact Mr. Bob Gonzales of MCDPW at (240) 777-8761 seventy two hours in advance of the intended relocation.

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

1 REDLINE REVISION NO.1

SG 1

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

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
1 SHA CONTRACT NO. M0900517 REDLINE REVISION NO.1 3/8/03 SWA	TEAM LEADER-TRAFFIC ENGINEERING DESIGN DIVISION
C RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGE 3/03 SWA	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
B M 650-501-37† As Built and Replace Defective Loops 1-17-91	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
A SHA NO. 855-25006 Revise Signal Display Cut Back Median 10-8-86	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 POWDER MILL ROAD

DRAWN BY: T. ZAYDEL	F.A.P. NO. —		TS NO. 1354C	SHEET NO.
CHECKED BY: —	S.H.A. NO. 855-25006			
SCALE: 1" = 20'	COUNTY: MONTGOMERY		T.I.M.S. NO. E966	
DATE: 10-8-86	LOG MILE: 15056001.11			158 OF 223