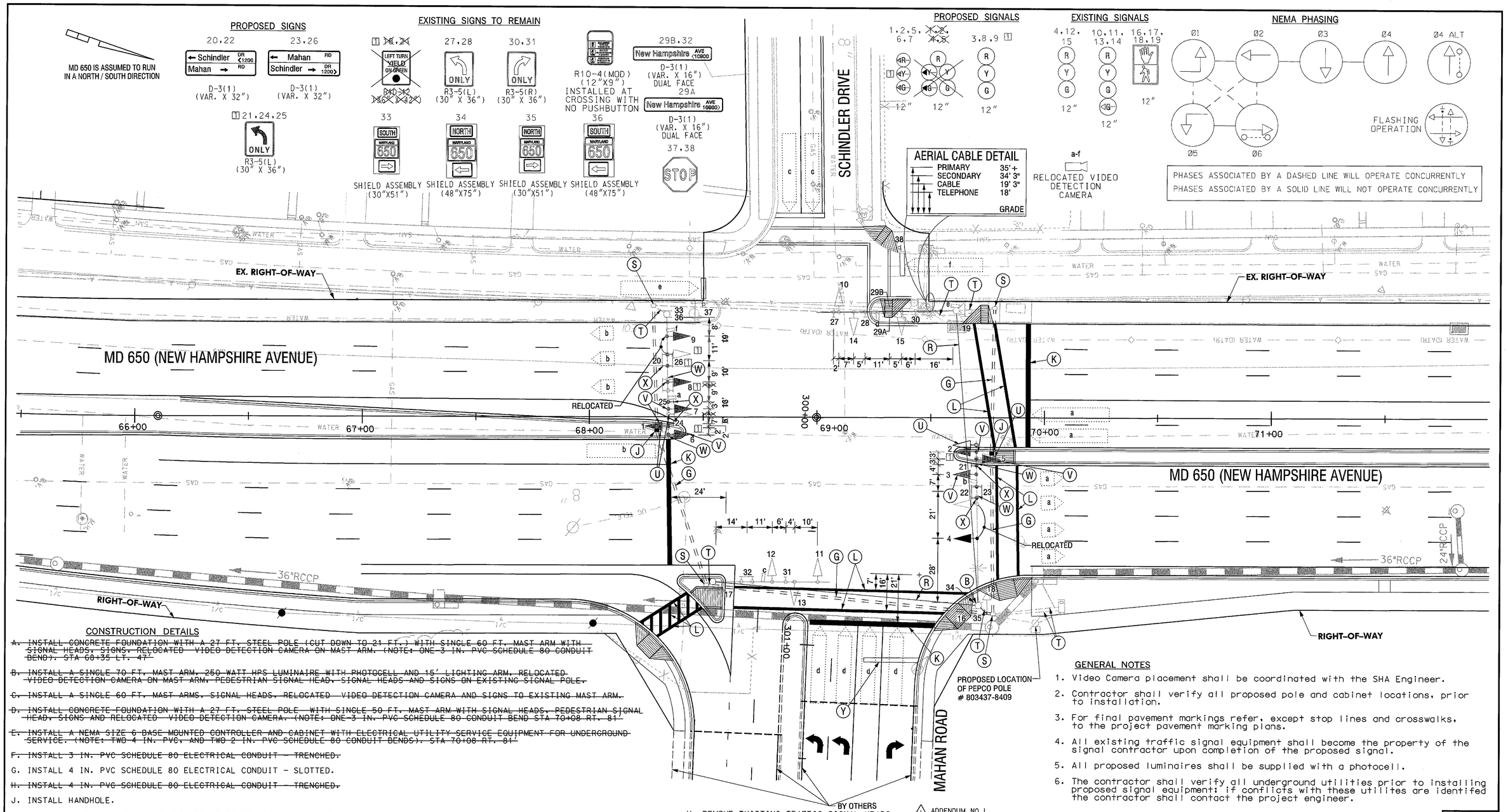

CONSTRUCTION DETAILS

~~A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, RELOCATED VIDEO DETECTION CAMERA ON MAST ARM. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA 68+35 LT. 47'~~

~~B. INSTALL A SINGLE 70 FT. MAST ARM, 250 WATT HPS LUMINAIRE WITH PHOTOCELL AND 15' LIGHTING ARM, RELOCATED VIDEO DETECTION CAMERA ON MAST ARM, PEDESTRIAN SIGNAL HEAD, SIGNAL HEADS AND SIGNS ON EXISTING SIGNAL POLE.~~

~~C. INSTALL A SINGLE 60 FT. MAST ARMS, SIGNAL HEADS, RELOCATED VIDEO DETECTION CAMERA AND SIGNS TO EXISTING MAST ARM.~~

~~D. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, SIGNS AND RELOCATED VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND STA 70+08 RT. 81'~~

~~E. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO 4 IN. PVC, AND TWO 2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA 70+08 RT. 81'~~

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

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

~~H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.~~

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.

~~M. REMOVE EXISTING SIGNAL POLE AND FOUNDATION.~~

~~N. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT TRENCHED. SUB OUT CONDUIT BEND AT BASE OF POWER POLE AND COIL UP 35 FT. OF SLACK CABLE 3 WIRE 1 CONDUCTOR # 4 AWG. (PEPCO 803437-8409).~~ [1] 4

~~O. REMOVE EXISTING BASE MOUNTED CONTROLLER AND CABINET.~~

~~P. REMOVE EXISTING HANDHOLE.~~

~~Q. ABANDON EXISTING CONDUIT.~~

R. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

S. USE EXISTING HANDHOLE.

T. USE EXISTING CONDUIT.

U. REMOVE EXISTING TRAFFIC SIGNAL HEADS FROM MAST ARM.

V. INSTALL TRAFFIC SIGNAL HEADS ON MAST ARM AS SHOWN.

W. REMOVE EXISTING SIGN FROM MAST ARM AS SHOWN ON PLAN.

X. INSTALL SIGN ON EXISTING MAST ARM POLE AS SHOWN.

Y. REMOVE EXISTING PAVEMENT MARKING.

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 refer, except stop lines and crosswalks, 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.

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

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

[1] REDLINE REVISION NO. 1

SG 3

REVISIONS

[1]	SHA CONTRACT NO. M090051?! GREENLINE REVISION 1 06/04	
SWA		
[1]	SHA CONTRACT NO. M090051?! REDLINE REVISION NO. 1 08/ /03	
SWA		
(B)	SHA NO. M090051?! RECONSTRUCT SIGNAL DUE TO GEOMETRIC CHANGES	3/03
SWA		
(A)	SHA NO. M 687-509-385 RECONSTRUCT EXISTING TRAFFIC SIGNAL	12/92

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
MAHAN ROAD /SCHINDLER DRIVE

DRAWN BY:	S. FOSTER	F.A.P. NO.	—	TS NO. 701 B	SHEET NO.
CHECKED BY:	—	S.H.A. NO.	—		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. E966	
DATE:	9/14/72	LOG MILE:	15065002.04		160 OF 223

FILE: RL98-91\ctrl\TASK 41\SIGNALS\z999pp04.dgn
DATE: 12/14/03 CAD