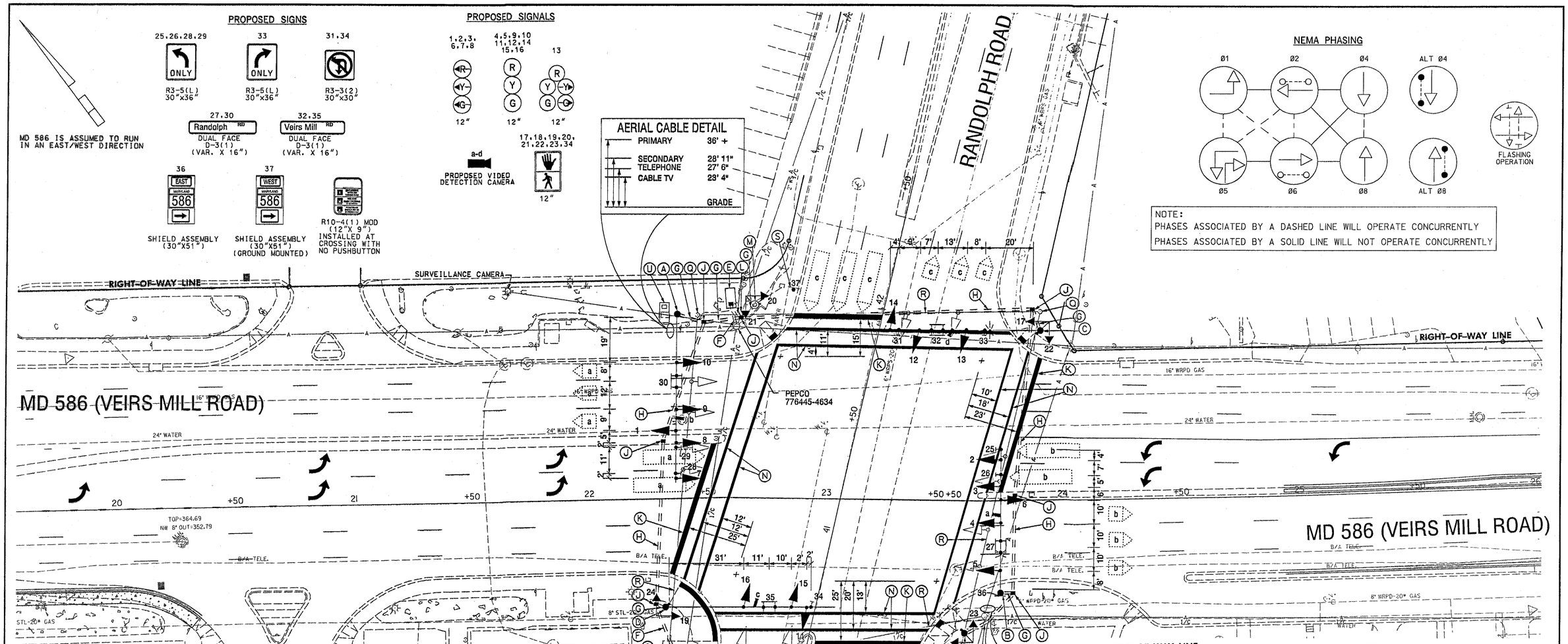

CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM WITH SIGNAL HEADS, SIGNS AND PROPOSED VIDEO DETECTION CAMERA (NOTE: ONE 3 IN.-PVC SCHEDULE 80 CONDUIT BEND) STA. 22+37 LT 78'

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT TO 21 FT) WITH SINGLE 60 FT. MAST ARM. SIGNAL HEADS. AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 23+74 RT 39'

C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 70 FT MAST ARM. SIGNAL HEADS,PEDESTRIAN SIGNAL HEADS. PUSHBUTTON AND SIGNS. 250 WATT HPS LUMINIARE WITH PHOTOCELL. 20 FT. LIGHTING ARM BRACKET AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: 1-3" PVC CONDUIT BEND) STA. 23+90 LT 72'

D. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 70 FT. MAST ARM WITH SIGNAL HEADS, PUSHBUTTON AND SIGN, PEDESTRAIN SIGNALS, AND PROPOSED VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA 22+32 RT 46'

E. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: SCHEDULE 80 CONDUIT BENDS). STA 22+60 LT 85'

F. 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 # 776445-4634)

G. INSTALL 3 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 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

M. REPLACE PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN ON EXISTING PEDESTAL POLE.

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

O. RELOCATION OF EXISTING INTERCONNECT SPLICE CABINET IS TO BE DONE BY MCDPW PLEASE CALL MR. BOB GONZOLES AT (240)-777-8761 TO SCHEDULE SPLICE CABINET RELOCATION WITH POLE MOUNTED SPLICE CABINET TO PEPCO POLE # 776445-3525.

Q. REMOVE EXISTING POLE AND FOUNDATION, BACKFILL 12" BELOW GRADE.

CONSTRUCTION DETAILS

R. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED WIRING AND SIGNAL EQUIPMENT.

S. INSTALL GROUND MOUNTED SIGN ON 4"X6" WOOD SUPPORT.

T. NOT USED.

U. REMOVE EXISTING BASE MOUNT CONTROLLER, CABINET AND FOUNDATION (12" BELOW GRADE AND BACK FILL)

V. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE, BREAKAWAY BASE WITH PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA 23+59 RT. 57'

GENERAL NOTES

1. VIDEO DETECTION PLACEMENT SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. FOR FINAL PAVEMENT MARKINGS, EXCEPT FOR 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 SIGNAL.
5. 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 MCDPW&T AT (240) 777-2190 SEVENTY TWO HOURS IN ADVANCE OF THE INTENDED RELOCATION.
6. ALL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT; ANY CONFLICTS WITH THESE UTILITES THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

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	
A	3/03 REBUILD SIGNAL FOR GEOMETRIC CHANGES SHA NO. M0817517I

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 586 (VEIRS MILL ROAD) AND RANDOLPH ROAD

DRAWN BY:	F.A.P. NO. SEE TITLE SHEET	TS NO. 4035A	SHEET NO.
CHECKED BY:	S.H.A. NO. M0817517I		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. E905	
DATE:	LOG MILE: 15058603.48		OF

FILE: r100-45 cnx/dwg/m0580586@randolph\2998sig01.dgn