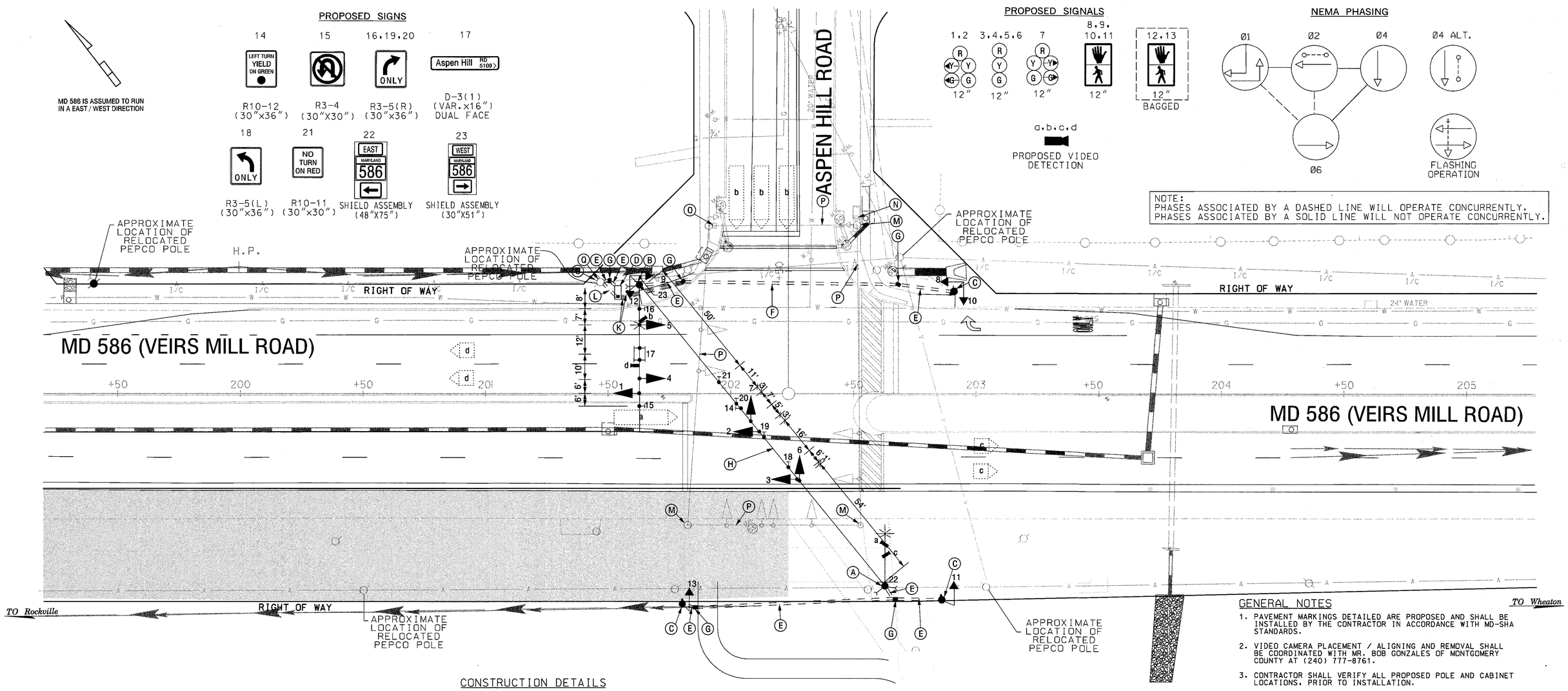

CONSTRUCTION DETAILS

A. INSTALL 40 FT. CLASS 2 WOOD POLE, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, OVERHEAD VIDEO DETECTION, WITH 3 IN CONDUIT RISER , WEATHERHEAD AND STUB UP AT BASE OF POLE, AND NECESSARY BACKGUY AND ANCHOR ASSEMBLIES. STA. 202+63, RT. 79'

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM, BACKGUY, SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, AND 15' LIGHTING ARM (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND) STA. 201+62, LT. 44'

C. INSTALL CONCRETE FOUNDATION WITH A 10 FT PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, AND PUSHBUTTON AND SIGN. (NOTE: ONE 3 IN PVC SCHEDULE 80 CONDUIT BEND) STA. 202+81, LT. 44' AND 201+80, RT. 86' AND 202+86, RT. 84'

D. 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 201+54, 40' LT.

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 3/8 INCH SPAN WIRE WITH SIGNALS AND SIGNS.

J. NOT USED.

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

L. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR POWER FEED TO BASE OF UTILITY POLE. PROVIDE CONDUIT BEND AT BASE OF UTILITY POLE WITH 35 FT. OF COILED SERVICE CABLES. (3 WIRES 1-CONDUCTOR (NO. 4 AWG)

M. REMOVE EXISTING SIGNAL POLES, SPAN WIRE, SIGNAL HEADS AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL

N. REMOVE EXISTING SIGNAL CABINET AND FOUNDATION.

O. THE CONTRACTOR SHALL REMOVE THE EXISTING STRAIN POLE. THE EXISTING POLE MOUNTED INTERCONNECT SPLICE CABINET WILL BE RELOCATED TO THE PROPOSED PEPCO POLE (SEE GENERAL NOTE 6).

P. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

Q. INSTALL 3 IN. U-GUARD PVC SCHEDULE 80 RISER ON PEPCO POLE - FOR INTERCONNECT.

GENERAL NOTES

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS.
2. VIDEO CAMERA PLACEMENT / ALIGNING AND REMOVAL SHALL BE COORDINATED WITH MR. BOB GONZALES OF MONTGOMERY COUNTY AT (240) 777-8761.
3. CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS, PRIOR TO INSTALLATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE IN THE CABINET, EXCLUDING INTERCONNECT, TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. CONTACT MONTGOMERY COUNTY'S TRANSPORTATION MANAGEMENT CENTER AT (240)777-2100 72 HOURS PRIOR TO MARKING EXISTING UNDERGROUND TRAFFIC SIGNAL EQUIPMENT.
6. DISCONNECTING AND SPLICING OF INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF CABINET AND PROPERLY TAG THE CABLE. CONTACT MR. BOB GONZALES AT (240) 777-8761 SEVENTY TWO HOURS IN ADVANCE OF THE INTENDED WORK.
7. THE CONTRACTOR SHALL REMOVE ALL OF THE EXISTING SIGNAL EQUIPMENT ONCE THE NEW SIGNAL IS IN OPERATION.
8. WOOD POLES SHALL BE INSTALLED TO A MINIMUM DEPTH OF 10'.
9. INSTALL 20 FEET OF ADDITIONAL SLACK IN THE ELECTRICAL CABLE FOR SIGNAL HEADS 1,4,15 FOR FUTURE REALIGNMENTS

TSP 1

MAINTENANCE OF TRAFFIC LEGEND

- WORK AREA
- TRAFFIC CONTROL DRUM
- IMPACT ATTENUATOR
- TRAFFIC BARRIER

GEOMETRIC LEGEND

- PROPOSED
- EXISTING

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

⚠ ADDENDUM No. 1
05- - 2003
REPLACE THIS SHEET

SABRA, WANG & ASSOCIATES, INC.
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WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
SHA No. M0816517I 02/03 PHASE 1A MOT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS	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
TEMPORARY TRAFFIC SIGNAL PLAN

MD 586 AT ASPEN HILL ROAD
MOT PHASE 1A

DRAWN BY:	F.A.P. NO. SEE TITLE SHEET	TS NO. 4237A	SHEET NO.
CHECKED BY:	S.H.A. NO. M0816517I		
SCALE: 1" = 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. F213	56 OF 80
DATE:	LOG MILE: I5058601.97		

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