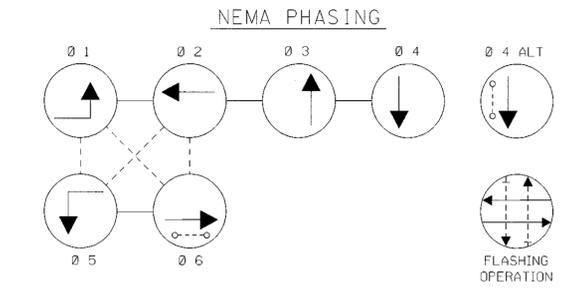
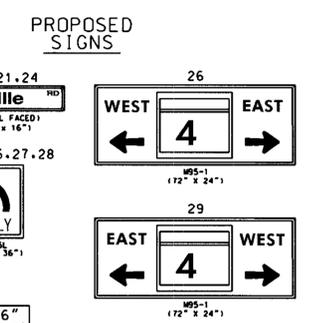
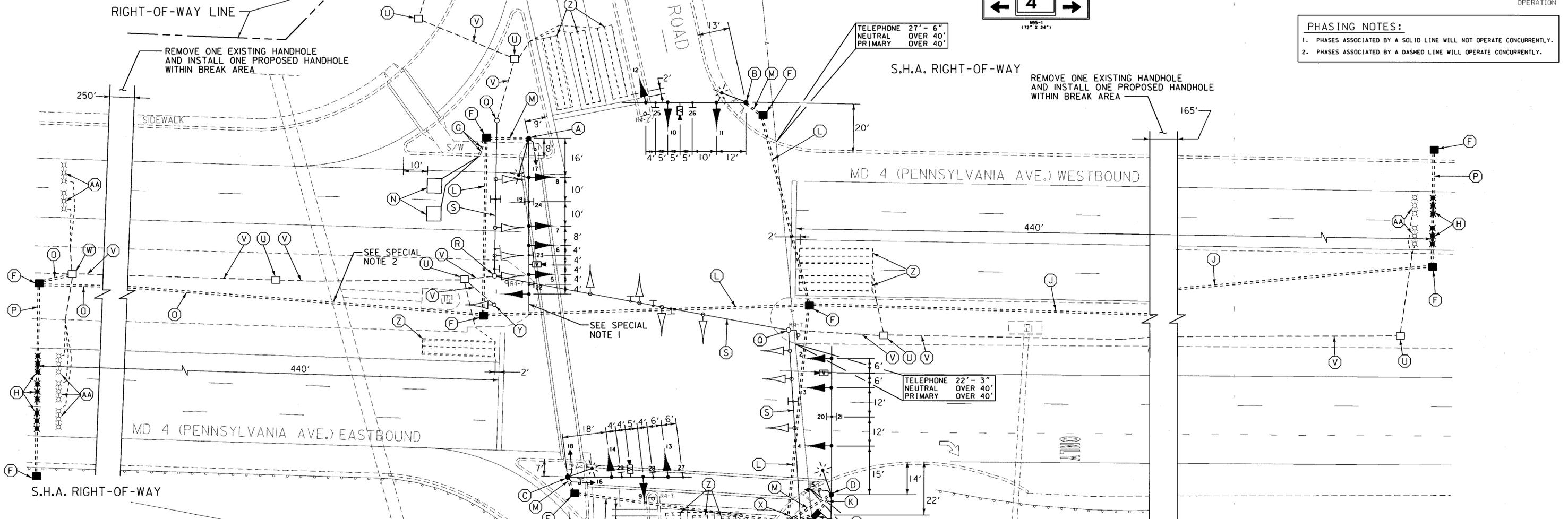


MD 4 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



PHASING NOTES:
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS**
- A. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON WITH R10-4(1) SIGN TO READ "PUSH BUTTON TO CROSS PENNSYLVANIA AVE.", AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.)
 - B. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.)
 - C. INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON WITH R10-4(1) SIGN TO READ "PUSH BUTTON TO CROSS PENNSYLVANIA AVE.", AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.)
 - D. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA, PEDESTRIAN SIGNAL HEAD, CONTROL AND DISTRIBUTION EQUIPMENT, AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 2-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE.)
 - E. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
 - F. INSTALL HANDHOLE.
 - G. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
 - H. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN, WITHIN 3 IN. CONDUIT.
 - I. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 - J. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED ELECTRICAL SERVICE (TRENCHED).
 - K. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED ELECTRICAL SERVICE (TRENCHED).
 - L. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
 - M. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 - N. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
 - O. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 - P. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
 - Q. REMOVE EXISTING STRAIN POLE. REMOVE FOUNDATION 12 IN. BELOW GRADE.
 - R. REMOVE EXISTING STRAIN POLE AND SIGNAL HEAD. REMOVE FOUNDATION 12 IN. BELOW GRADE.
 - S. REMOVE EXISTING SPAN WIRE, TETHER WIRE, SIGNAL HEADS AND SIGNS.
 - T. REMOVE EXISTING BASE MOUNTED CONTROLLER CABINET. REMOVE FOUNDATION 12 IN. BELOW GRADE.
 - U. REMOVE EXISTING HANDHOLE.
 - V. CAP AND ABANDON EXISTING CONDUIT.
 - W. USE EXISTING HANDHOLE. PULL BACK EXISTING COMMUNICATION CABLE FROM EXISTING INTERSECTION CABINET AND COIL IN MEDIAN. DISCONNECT AND RE-FEED EXISTING COMMUNICATION CABLE IN PROPOSED CONDUIT TO NEW CABINET/CONTROLLER.
 - X. REMOVE EXISTING R1-2 "YIELD" SIGN AND SUPPORT.
 - Y. REMOVE EXISTING PEDESTAL POLE AND SIGNAL HEAD. REMOVE FOUNDATION 12 IN. BELOW GRADE.
 - Z. ABANDON EXISTING LOOP DETECTOR.
 - AA. ABANDON EXISTING MICROLOOP PROBE SET.
 - BB. REMOVE EXISTING SIDEWALK, REMOVE HANDHOLE AND REPLACE SIDEWALK.
 - CC. PROPOSED AERIAL ELECTRICAL SERVICE BY PEPCO FORCES.

- SPECIAL NOTES:**
1. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATORS DURING INSTALLATION OF MAST ARM. IF NEW MAST ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATORS OR SPAN WIRES, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
 2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
 3. THE CONTRACTOR SHALL COORDINATE WITH SHA TRAFFIC OPERATION DIVISION TO CONTACT LOCAL POWER COMPANY TO SET-UP WORK WITH TO DISCONNECT THE EXISTING ELECTRICAL SERVICE AND HAVE THE NEW SERVICE ENERGIZED.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

REVISIONS		APPROVALS	
①	RECONSTRUCT TRAFFIC SIGNAL CONTRACT - XX1065285	2/2002	
BAM			TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
②	TRAFFIC SIGNAL MODIFICATION CONTRACT - AW-499-802-312	12/1990	
AAL	DJD	DAZ	ETP
③	RE-CUT LOOPS CONTRACT - AW-680-501-085	10/1983	
EMM	SR	KWS	ETP
④	ASBUILT AND REDRAWN	9/1983	
SR			

WR&A
 Whitman, Reardon
 and Associates, LLP
 801 South Caroline Street
 Baltimore, Maryland 21231
 (410) 235-3450

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 TRAFFIC SIGNALIZATION PLAN
 MD 4 (PENNSYLVANIA AVE.) AND FORESTVILLE ROAD

DRAWN BY: M. LINARDI	F.A.P. NO. P-333-1-385	TS NO. TS-40
CHECKED BY: M.L.	S.H.A. NO. PRINCE GEORGES	SHEET NO. 1 OF 2
SCALE: 1" = 20'	COUNTY: PRINCE GEORGES	T.I.M.S. NO. E937
DATE: 12/15/72	LOG MILE: 16.00409.80	