F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

PROPOSED SIGNS

10,13,16,17

11,12,14,15

Old Marlboro Pike

D-3(1) (DUAL FACED)
(VARIABLE x 16")

18

LEFT TURN
YIELD
ON GREEN

R10-12
(36" X 42")

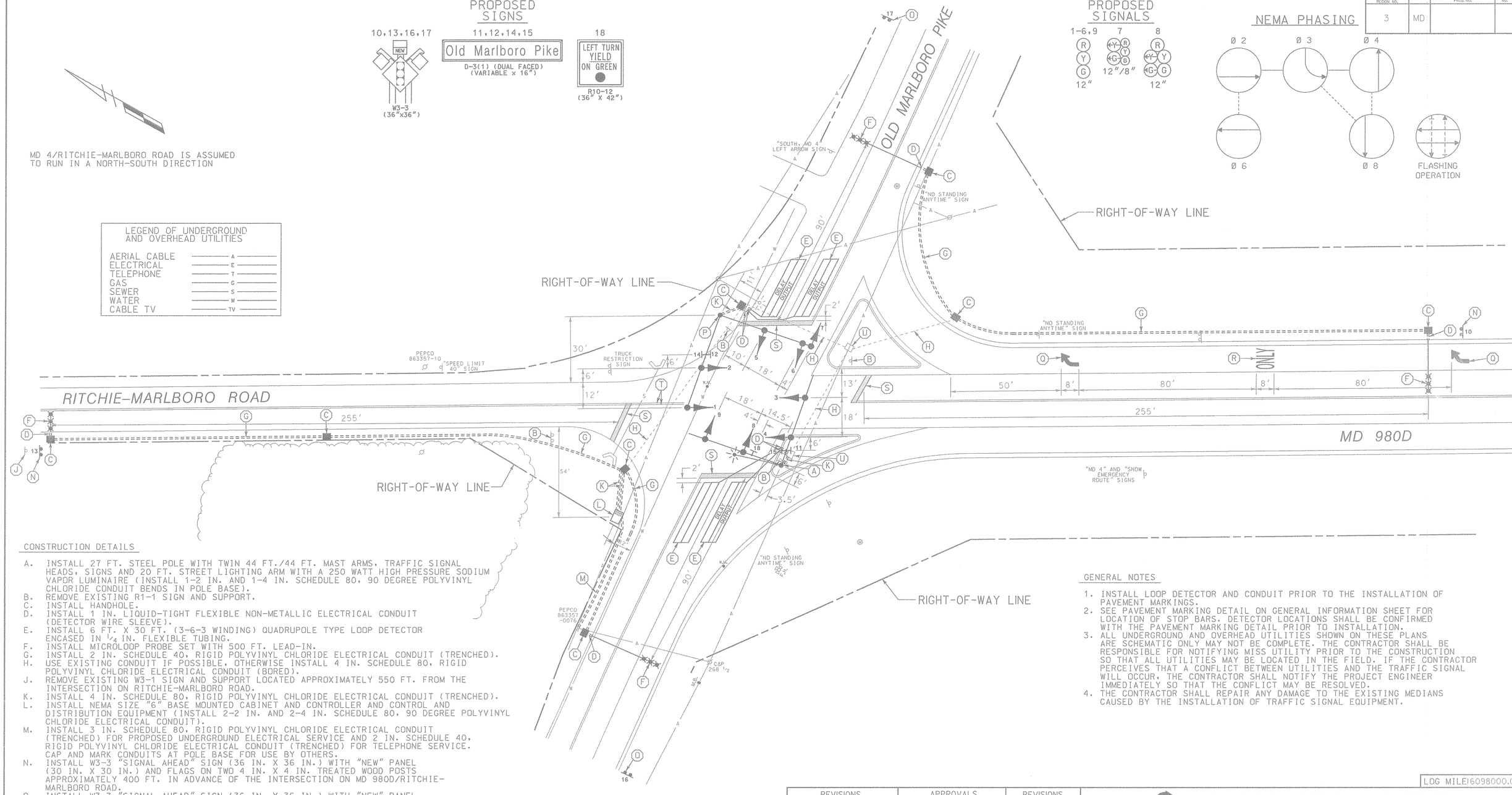
PROPOSED SIGNALS

NEMA PHASING

MD 4/RITCHIE-MARLBORO ROAD IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV



CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH TWIN 44 FT./44 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS AND 20 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 CONDUIT BENDS IN POLE BASE).
B. REMOVE EXISTING R1-1 SIGN AND SUPPORT.
C. INSTALL HANDHOLE.
D. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
E. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
F. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN.
G. INSTALL 2 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
H. USE EXISTING CONDUIT IF POSSIBLE, OTHERWISE INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
J. REMOVE EXISTING W3-1 SIGN AND SUPPORT LOCATED APPROXIMATELY 550 FT. FROM THE INTERSECTION ON RITCHIE-MARLBORO ROAD.
K. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
L. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER AND CONTROL AND DISTRIBUTION EQUIPMENT (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT).
M. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE AND 2 IN. SCHEDULE 40, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR TELEPHONE SERVICE. CAP AND MARK CONDUITS AT POLE BASE FOR USE BY OTHERS.
N. INSTALL W3-3 "SIGNAL AHEAD" SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 400 FT. IN ADVANCE OF THE INTERSECTION ON MD 980D/RITCHIE-MARLBORO ROAD.
O. INSTALL W3-3 "SIGNAL AHEAD" SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 475 FT. IN ADVANCE OF THE INTERSECTION ON OLD MARLBORO PIKE.
P. INSTALL 23 FT. STEEL POLE WITH TWIN 44 FT./44 FT. MAST ARMS, TRAFFIC SIGNAL HEADS AND SIGNS (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN POLE BASE).
Q. INSTALL PERMANENT PREFORMED PAVEMENT MARKING ARROW.
R. INSTALL PERMANENT PREFORMED PAVEMENT MARKING LETTERS.
S. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
T. REMOVE EXISTING PAVMENT MARKINGS BEYOND STOP LINE.
U. USE EXISTING HANDHOLE.

GENERAL NOTES

1. INSTALL LOOP DETECTOR AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
2. SEE PAVEMENT MARKING DETAIL ON GENERAL INFORMATION SHEET FOR LOCATION OF STOP BARS. DETECTOR LOCATIONS SHALL BE CONFIRMED WITH THE PAVEMENT MARKING DETAIL PRIOR TO INSTALLATION.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
4. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE EXISTING MEDIANS CAUSED BY THE INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT.

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(410) 235-3450

REVISIONS	APPROVALS	REVISIONS
	ASSISTANT DIVISION CHIEF 1/1/99	
	ASST. DISTRICT ENGINEER, TRAFFIC	
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY 1/12/99	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN

MD 980D/RITCHIE-MARLBORO RD. AND OLD MARLBORO PIKE

DATE: 12-2-98	DRAWN BY: S.BLOSS	F.A.P. NO.		PLAN SHEET NO.:	SHEET NO.
SCALE: 1"= 20'	DESIGNED BY: N.LEARY	S.H.A. NO.	BW108M63	TS-3726	1 OF 8
APPROVED BY:	CHECKED BY: T.HANNAN	COUNTY	PRINCE GEORGES		

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