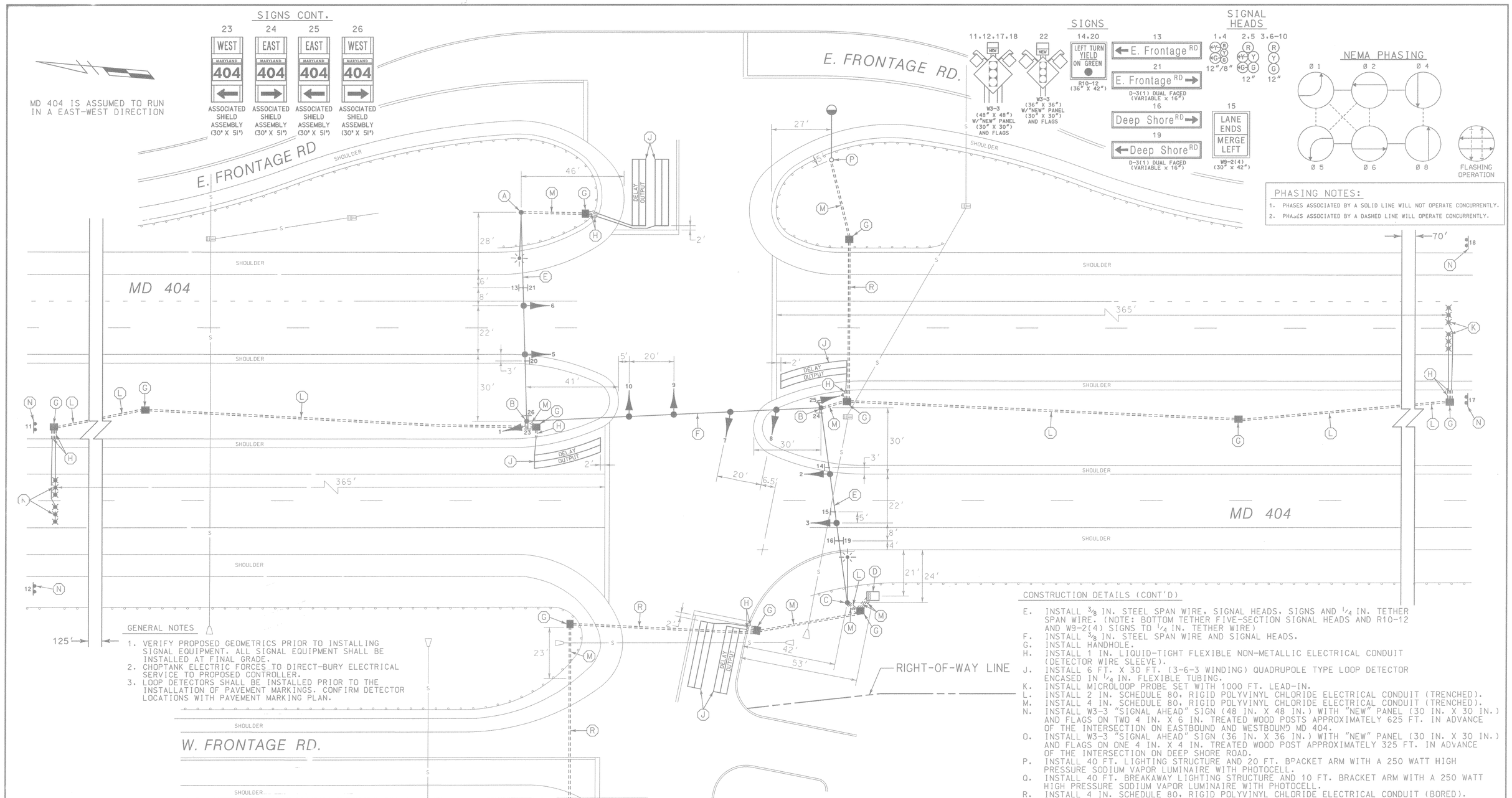

GENERAL NOTES

1. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED AT FINAL GRADE.
2. CHOPTANK ELECTRIC FORCES TO DIRECT-BURY ELECTRICAL SERVICE TO PROPOSED CONTROLLER.
3. LOOP DETECTORS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS. CONFIRM DETECTOR LOCATIONS WITH PAVEMENT MARKING PLAN.

CONSTRUCTION DETAILS

A. INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE AND 20 FT. STREET LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
B. INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE WITH TRAFFIC SIGNAL HEAD (INSTALL 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
C. INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE AND 20 FT. STREET LIGHTING ARM WITH 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).
D. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AND CONTROL AND DISTRIBUTION EQUIPMENT WITH SEPARATE DISCONNECT FOR ROADWAY LIGHTING (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE).

CONSTRUCTION DETAILS (CONT'D)

E. INSTALL 3/8 IN. STEEL SPAN WIRE, SIGNAL HEADS, SIGNS AND 1/4 IN. TETHER SPAN WIRE. (NOTE: BOTTOM TETHER FIVE-SECTION SIGNAL HEADS AND R10-12 AND W9-2(4) SIGNS TO 1/4 IN. TETHER WIRE)
F. INSTALL 3/8 IN. STEEL SPAN WIRE AND SIGNAL HEADS.
G. INSTALL HANDHOLE.
H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
J. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
K. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.
L. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
M. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
N. INSTALL W3-3 "SIGNAL AHEAD" SIGN (48 IN. X 48 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON TWO 4 IN. X 6 IN. TREATED WOOD POSTS APPROXIMATELY 625 FT. IN ADVANCE OF THE INTERSECTION ON EASTBOUND AND WESTBOUND MD 404.
O. INSTALL W3-3 "SIGNAL AHEAD" SIGN (36 IN. X 36 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON ONE 4 IN. X 4 IN. TREATED WOOD POST APPROXIMATELY 325 FT. IN ADVANCE OF THE INTERSECTION ON DEEP SHORE ROAD.
P. INSTALL 40 FT. LIGHTING STRUCTURE AND 20 FT. BRACKET ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH PHOTOCELL.
Q. INSTALL 40 FT. BREAKAWAY LIGHTING STRUCTURE AND 10 FT. BRACKET ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH PHOTOCELL.
R. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

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

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION 3/2/99
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF-TRAFFIC ENGINEERING DESIGN DIVISION 3/2/99
DIRECTOR, TRAFFIC & SAFETY 3/2/99

WR&A
Whitman, Requardt and Associates
Engineers and Planners
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 404 AND DEEP SHORE ROAD

DRAWN BY: S.BLOSS	F.A.P. NO.	TS NO. TS-3208	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO. CO-321-A21		
SCALE: 1" = 20'	COUNTY: CAROLINE	T.I.M.S. NO.	OF
DATE: 1-11-99	LOG MILE: 05040409.94		

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