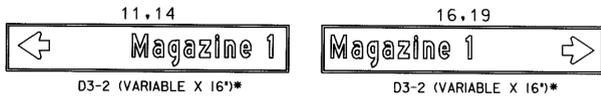
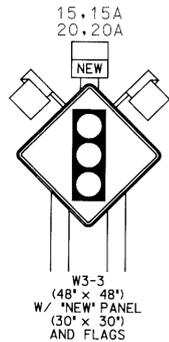
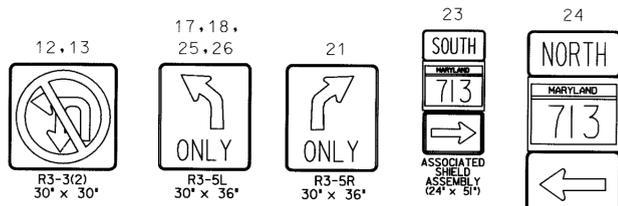
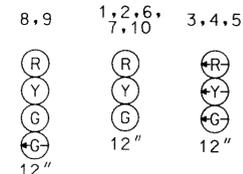


PROPOSED SIGNS

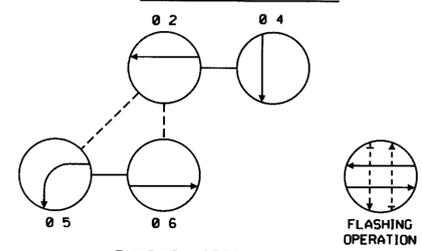


*SIGNS DUAL FACED BACK-TO-BACK

PROPOSED SIGNAL HEADS

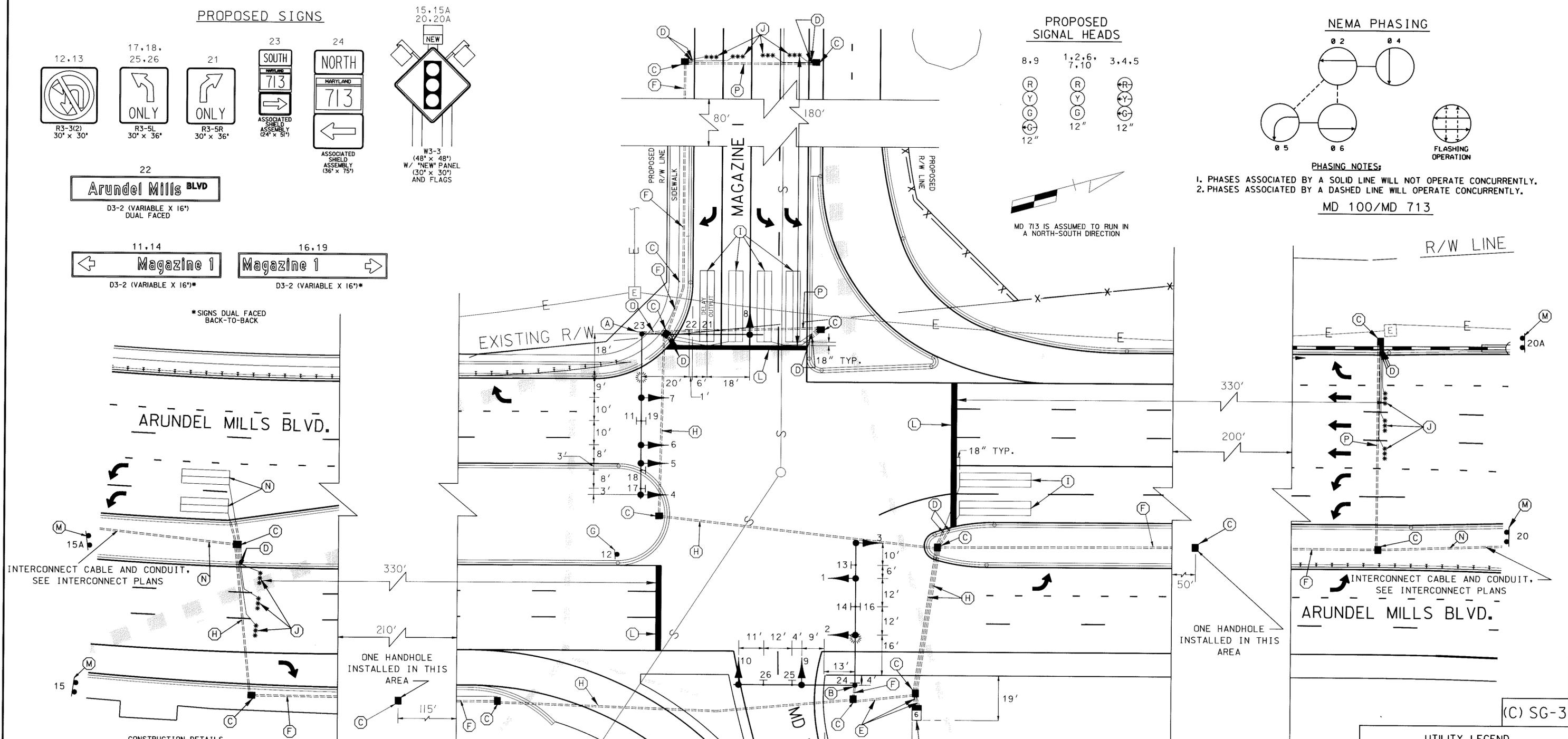


NEMA PHASING



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

MD 100/MD 713



CONSTRUCTION DETAILS

- A. INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH TWIN 70 FT./50 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
- B. INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH TWIN 60 FT./50 FT. MAST ARMS, SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHTING ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
- C. INSTALL HANDHOLE.
- D. INSTALL 1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- E. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT TRENCHED.
- F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT TRENCHED.
- G. INSTALL R3-3(2) SIGN (30 IN. X 30 IN.) ON ONE 4 IN. X 4 IN. TREATED WOOD POST.
- H. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT SLOTTED BEFORE FINAL PAVEMENT OVERLAY.
- I. INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
- J. INSTALL MICRO LOOP PROBE SET.
- K. INSTALL NEMA SIZE '6' BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT, INCLUDING CONTROL AND DISTRIBUTION EQUIPMENT FOR UNDERGROUND SERVICE FEED. CABLE AND CONDUIT TO BE FURNISHED AND INSTALLED BY BGE. (NOTE: 1-2 IN. AND 2-4 IN. PVC SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE BENDS).
- L. INSTALL 24 IN. STOP LINE.
- M. INSTALL W3-3 SIGN (48 IN. X 48 IN.) WITH "NEW" PANEL (30 IN. X 30 IN.) AND FLAGS ON TWO 4 IN. X 4 IN. TREATED WOOD POSTS APPROXIMATELY 500 FT. IN ADVANCE OF THE INTERSECTION ON MD 713.
- N. SEE INTERCONNECT PLANS FOR CONDUIT, INTERCONNECT CABLE, AND HANDHOLE INSTALLATION.
- O. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT TRENCHED PLACED PRIOR TO SIDEWALK CONSTRUCTION.
- P. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT SLOTTED BEFORE FINAL PAVEMENT OVERLAY.

SEE GENERAL INFORMATION PLAN FOR GENERAL NOTES

PLAN: 1 IN. = 20 FT.

WR WHITNEY CONSULTING ENGINEERS
BAILEY 849 FAIRMOUNT AVENUE SUITE 100
COX BALTIMORE, MD 21286
MAGNANI (410) 512-4500

UTILITY LEGEND

— A —	A — A —	AERIAL CABLES
— G —	G — G —	GAS MAIN
— W —	W — W —	WATER MAIN
— S —	S — S —	SEWER MAIN
— E —	E — E —	ELECTRIC CABLES
— D —	D — D —	STORM DRAIN
— T —	T — T —	TELEPHONE CABLES

REVISIONS	APPROVALS
	<i>Michael R. ...</i> 5/17/00 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> 5/17/00 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> 5/18/00 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>...</i> 5/18/00 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 713 (ARUNDEL MILLS BLVD.) AT
AT 100 EB RAMP/ MAGAZINE 1

DRAWN BY: CJP/MJA	F.A.P. NO.	TS NO.
CHECKED BY: JWH	S.H.A. NO.	4007
SCALE: 1"=20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO.
DATE: MARCH, 2000	LOG MILE:	SHEET NO. 81 OF 113