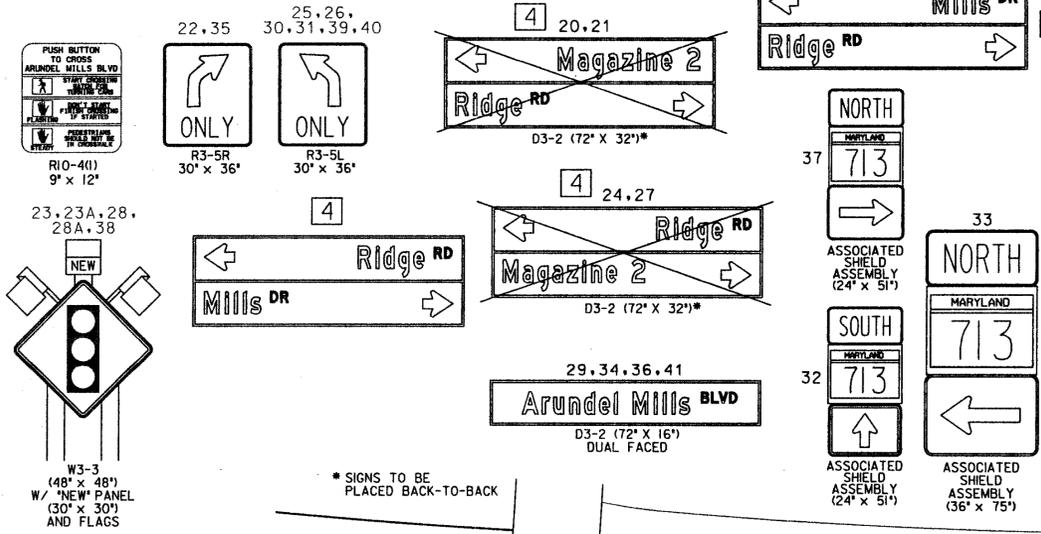
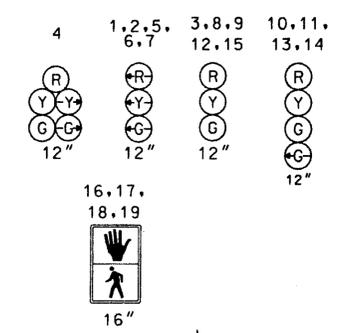


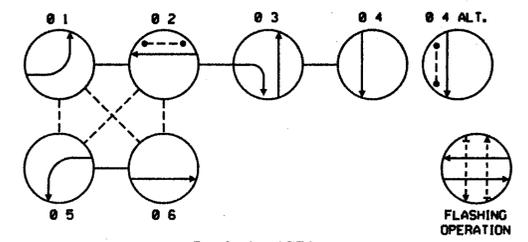
PROPOSED SIGNS



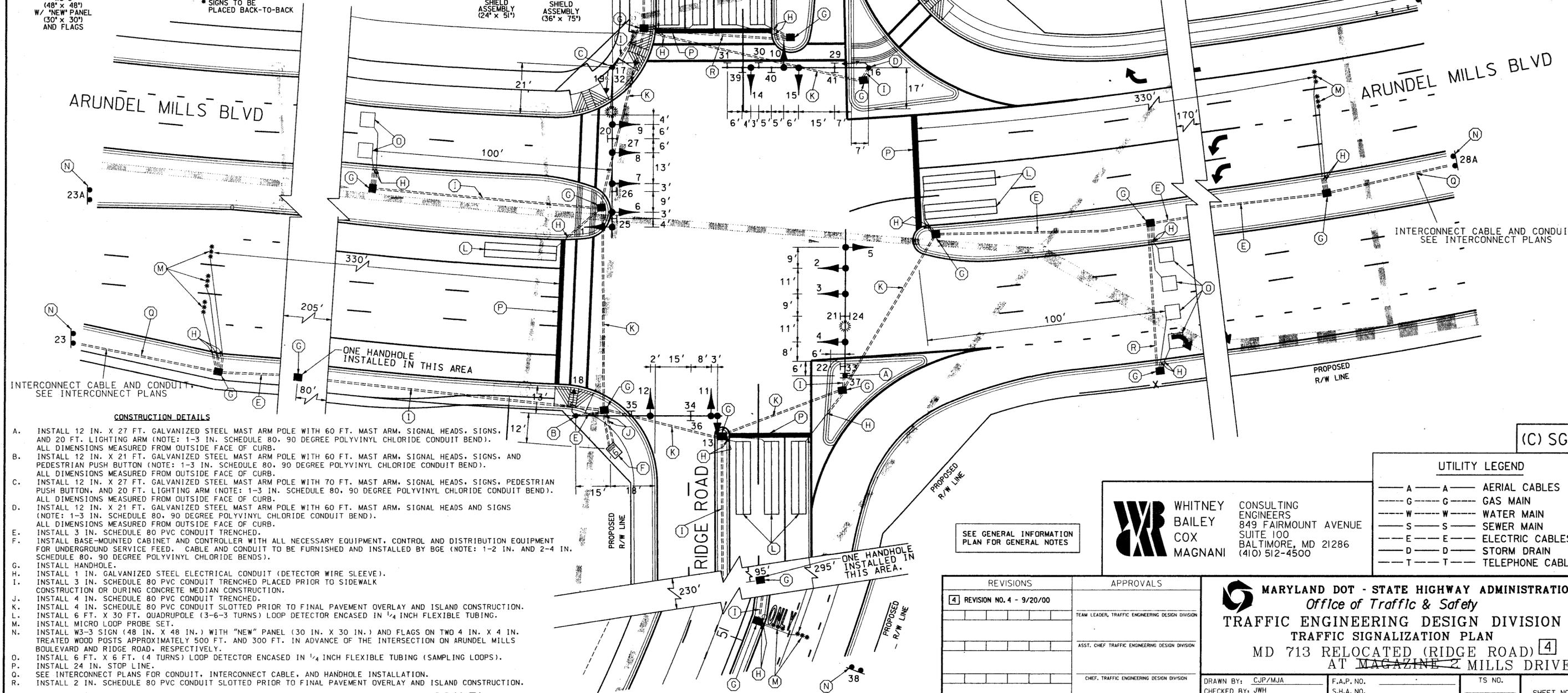
PROPOSED SIGNAL HEADS



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.



- CONSTRUCTION DETAILS**
- A. INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND 20 FT. LIGHTING ARM (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 21 FT. GALVANIZED STEEL MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, AND PEDESTRIAN PUSH BUTTON (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
 - C. INSTALL 12 IN. X 27 FT. GALVANIZED STEEL MAST ARM POLE WITH 70 FT. MAST ARM, SIGNAL HEADS, SIGNS, PEDESTRIAN PUSH BUTTON, AND 20 FT. LIGHTING ARM (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
 - D. INSTALL 12 IN. X 21 FT. GALVANIZED STEEL MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS AND SIGNS (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND). ALL DIMENSIONS MEASURED FROM OUTSIDE FACE OF CURB.
 - E. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT TRENCHED.
 - F. INSTALL BASE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT, 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. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE BENDS).
 - G. INSTALL HANDHOLE.
 - H. INSTALL 1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
 - I. INSTALL 3 IN. SCHEDULE 80 PVC CONDUIT TRENCHED PLACED PRIOR TO SIDEWALK CONSTRUCTION OR DURING CONCRETE MEDIAN CONSTRUCTION.
 - J. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT TRENCHED.
 - K. INSTALL 4 IN. SCHEDULE 80 PVC CONDUIT SLOTTED PRIOR TO FINAL PAVEMENT OVERLAY AND ISLAND CONSTRUCTION.
 - L. INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
 - M. INSTALL MICRO LOOP PROBE SET.
 - N. 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. AND 300 FT. IN ADVANCE OF THE INTERSECTION ON ARUNDEL MILLS BOULEVARD AND RIDGE ROAD, RESPECTIVELY.
 - O. INSTALL 6 FT. X 6 FT. (4 TURNS) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING (SAMPLING LOOPS).
 - P. INSTALL 24 IN. STOP LINE.
 - Q. SEE INTERCONNECT PLANS FOR CONDUIT, INTERCONNECT CABLE, AND HANDHOLE INSTALLATION.
 - R. INSTALL 2 IN. SCHEDULE 80 PVC CONDUIT SLOTTED PRIOR TO FINAL PAVEMENT OVERLAY AND ISLAND CONSTRUCTION.

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UTILITY LEGEND

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

REVISIONS	APPROVALS
4 REVISION NO. 4 - 9/20/00	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 TRAFFIC SIGNALIZATION PLAN
 MD 713 RELOCATED (RIDGE ROAD) AT MAGAZINE 2 MILLS DRIVE

DRAWN BY: CUP/MJA	F.A.P. NO.	TS NO.
CHECKED BY: JWH	S.H.A. NO.	SHEET NO.
SCALE: 1"=20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO.
DATE: MARCH, 2000	LOG MILE:	79 OF 113