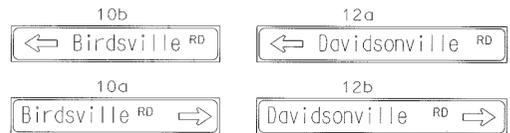


MD 214 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

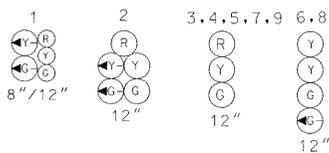


PROPOSED SIGNS

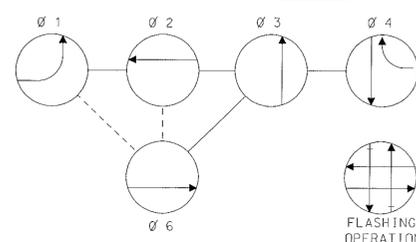


INSTALL 60 FT. OF 2 IN. SCHEDULE 80 (BORED) CONDUIT AND 40 L.F. OF 2 IN. SCHEDULE 80 (TRENCHED) CONDUIT WITHIN BREAK

EXISTING SIGNAL HEADS



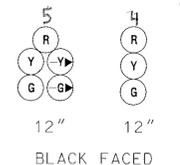
NEMA PHASING



PHASING NOTES:

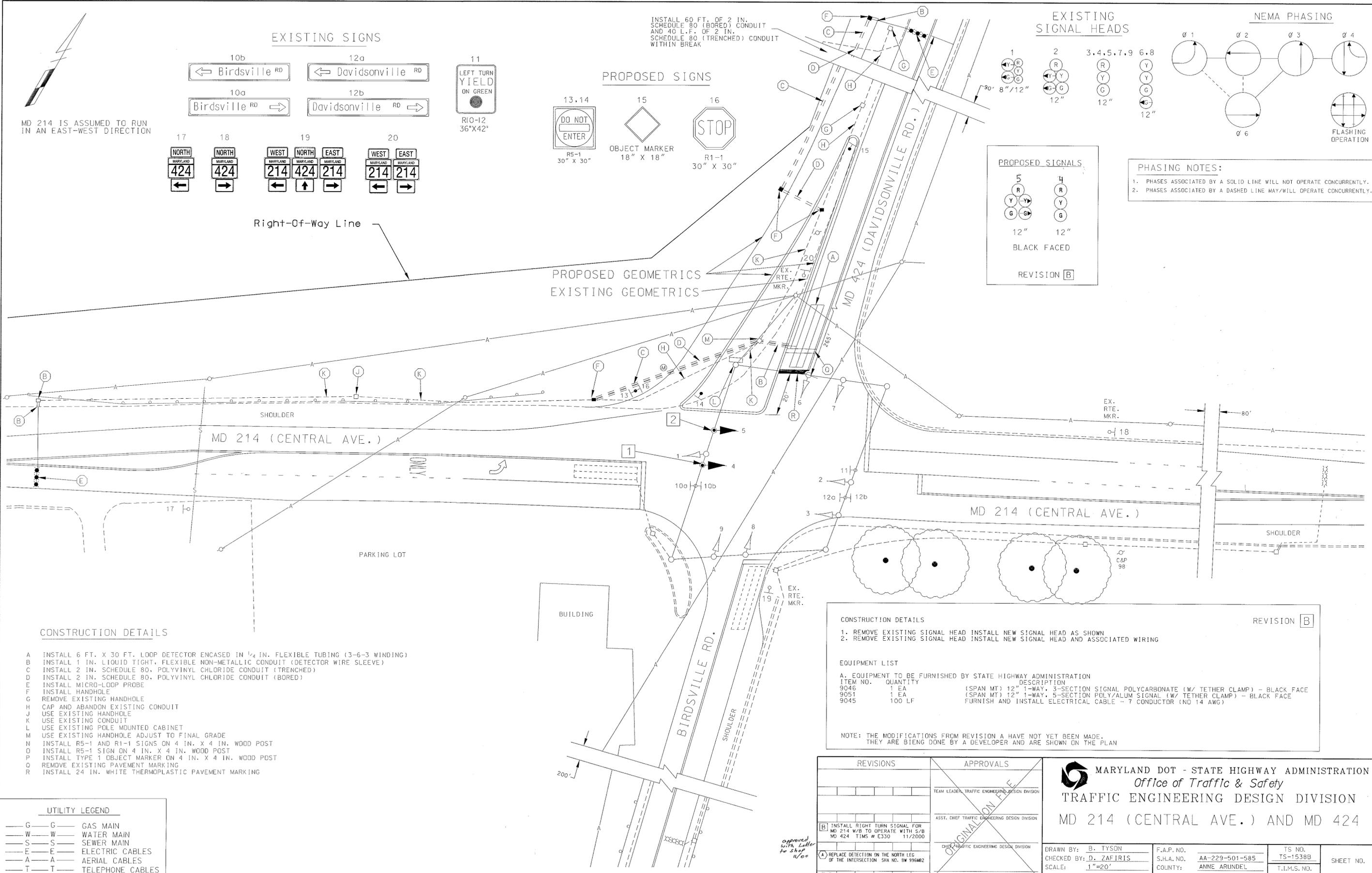
- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

PROPOSED SIGNALS



REVISION B

PROPOSED GEOMETRICS
EXISTING GEOMETRICS



CONSTRUCTION DETAILS

- A INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- B INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
- C INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE CONDUIT (TRENCHED)
- D INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE CONDUIT (BORED)
- E INSTALL MICRO-LOOP PROBE
- F INSTALL HANDHOLE
- G REMOVE EXISTING HANDHOLE
- H CAP AND ABANDON EXISTING CONDUIT
- J USE EXISTING HANDHOLE
- K USE EXISTING CONDUIT
- L USE EXISTING POLE MOUNTED CABINET
- M USE EXISTING HANDHOLE ADJUST TO FINAL GRADE
- N INSTALL R5-1 AND R1-1 SIGNS ON 4 IN. X 4 IN. WOOD POST
- O INSTALL R5-1 SIGN ON 4 IN. X 4 IN. WOOD POST
- P INSTALL TYPE 1 OBJECT MARKER ON 4 IN. X 4 IN. WOOD POST
- Q REMOVE EXISTING PAVEMENT MARKING
- R INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING

CONSTRUCTION DETAILS

- REMOVE EXISTING SIGNAL HEAD INSTALL NEW SIGNAL HEAD AS SHOWN
- REMOVE EXISTING SIGNAL HEAD INSTALL NEW SIGNAL HEAD AND ASSOCIATED WIRING

EQUIPMENT LIST

ITEM NO.	QUANTITY	DESCRIPTION
9046	1 EA	(SPAN MT) 12" 1-WAY, 3-SECTION SIGNAL POLYCARBONATE (W/ TETHER CLAMP) - BLACK FACE
9051	1 EA	(SPAN MT) 12" 1-WAY, 5-SECTION POLY/ALUM SIGNAL (W/ TETHER CLAMP) - BLACK FACE
9045	100 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO 14 AWG)

NOTE: THE MODIFICATIONS FROM REVISION A HAVE NOT YET BEEN MADE. THEY ARE BEING DONE BY A DEVELOPER AND ARE SHOWN ON THE PLAN

UTILITY LEGEND

- G - GAS MAIN
- W - WATER MAIN
- S - SEWER MAIN
- E - ELECTRIC CABLES
- A - AERIAL CABLES
- T - TELEPHONE CABLES

REVISIONS	APPROVALS
[]	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
MD 214 (CENTRAL AVE.) AND MD 424

DRAWN BY: B. TYSON	F.A.P. NO. AA-229-501-585	TS NO. TS-1538B	SHEET NO.
CHECKED BY: D. ZAFIRIS	S.H.A. NO. ANNE ARUNDEL	T.I.M.S. NO. E.330	01 OF 01
SCALE: 1"=20'	LOG MILE: 02021402.68		
DATE: 5-18-78			