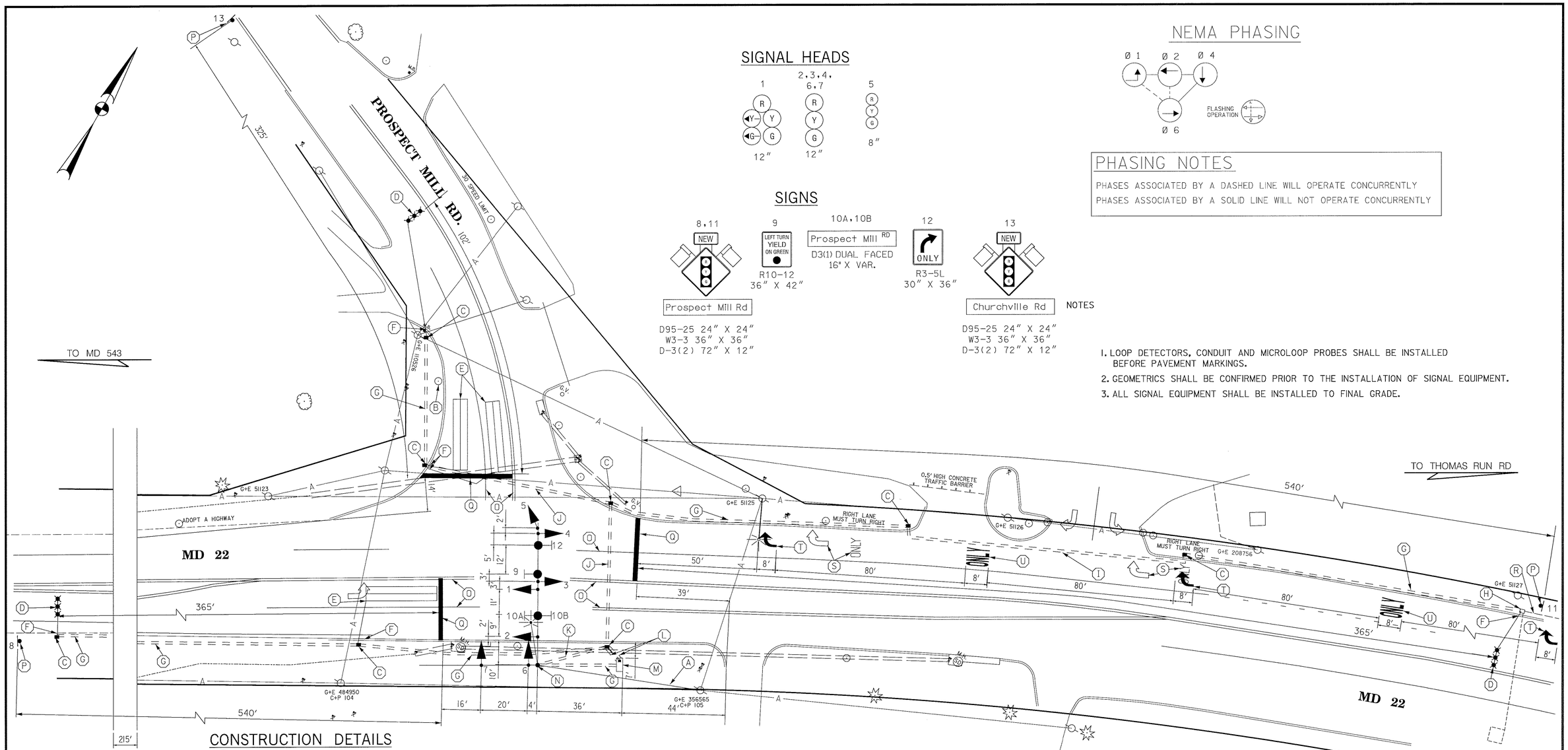

PROVIDE 200 FT OF 2" PVC CONDUIT TRENCHED AND 1 HANDHOLE WITHIN THE BREAK.

SIGNAL HEADS

SIGNS

NEMA PHASING

PHASING NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

NOTES

1. LOOP DETECTORS, CONDUIT AND MICROLOOP PROBES SHALL BE INSTALLED BEFORE PAVEMENT MARKINGS.
2. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
3. ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

CONSTRUCTION DETAILS

- (A) PROPOSED OVERHEAD POWER SERVICE BY BG&E.
- (B) REMOVE EXISTING STOP SIGN.
- (C) INSTALL HANDHOLE.
- (D) INSTALL MICROLOOP PROBE SETS WITH 1000 FT LEAD-IN
- (E) INSTALL 6' X 30' QUADRUPOLE LOOP DETECTOR (3-6-3 TURNS).
- (F) INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE FOR LOOP DETECTOR LEAD-IN.
- (G) INSTALL 2" PVC SCHEDULE 80 CONDUIT - TRENCHED.
- (H) USE EXISTING HANDHOLE.
- (I) INSTALL 2" PVC SCHEDULE 80 CONDUIT - SLOTTED.
- (J) INSTALL 3" PVC SCHEDULE 80 CONDUIT - PUSHED
- (K) INSTALL 3" PVC SCHEDULE 80 CONDUIT - TRENCHED
- (L) INSTALL 4" PVC SCHEDULE 80 CONDUIT - TRENCHED
- (M) INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-4" AND 2-2" PVC SCHEDULE 80 CONDUIT BENDS).
- (N) INSTALL 27' STEEL POLE WITH TWIN 60' & 50' MAST ARMS, SIGNS, SIGNAL HEADS, 20 FT STREET LIGHTING ARM AND 250 WATT HPS LUMINAIRE AS SHOWN. (NOTE: 1-3" & 1-2" PVC SCHEDULE 80 CONDUIT BENDS, AND 4-2" X 90" ANCHOR BOLTS)
- (O) REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOP LINE.
- (P) INSTALL W3-3 SIGN (36" X 36"), D-3(2) SIGN (72" X 12") WITH D95-25 (NEW) PANEL (24" X 24") AND FLAGS ON TWO 4" X 6" TREATED WOOD POSTS. REMOVE EXISTING W2-2 (INTERSECTION AHEAD) SIGN.
- (Q) INSTALL 24 INCH THERMOPLASTIC PAVEMENT MARKING TAPE.
- (R) USE EXISTING CONDUIT.
- (S) REMOVE EXISTIG PAVEMENT MARKING LETTER OR ARROW.
- (T) INSTALL THERMOPLASTIC PAVEMENT MARKING ARROW
- (U) INSTALL THERMOPLASTIC PAVEMENT MARKING LETTERS

UTILITY LEGEND

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

REVISIONS

APPROVALS

for Dimitrios A. Zafiris
ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER, TRAFFIC

7/28/99
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

Dennis R. Atkins 7/29/99
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 22 (CHURCHVILLE RD.) & PROSPECT MILL RD.

DRAWN BY: RJM	F.A.P. NO.		TS NO. 3926	SHEET NO.
CHECKED BY: AJB	S.H.A. NO.	HAI88A53/B53		
SCALE: 1"=20'	COUNTY:	HARFORD	T.I.M.S. NO. D-243	1 OF 2
DATE: 7/21/99	LOG MILE:	12002203.46		