

PROPOSED SIGNS

10 **LEFT TURN YIELD ON GREEN**
R10-12
36" x 42"

13 **Powder Mill Rd**
D3-2
Var. x 16"

11,12 **← Montgomery Rd**
11A,12A **Montgomery Rd →**
D3-2 (MOD) - DUAL FACED
Var. x 16"

14,15 **PERPETUAL EASEMENT**
R10-4(1)
9" x 12"

16 **NORTH**
MARYLAND
212
←
ASSOCIATED SHIELD ASSEMBLY
45" x 75"

17 **SOUTH**
MARYLAND
212
→
ASSOCIATED SHIELD ASSEMBLY
30" x 51"

PROPOSED SIGNALS

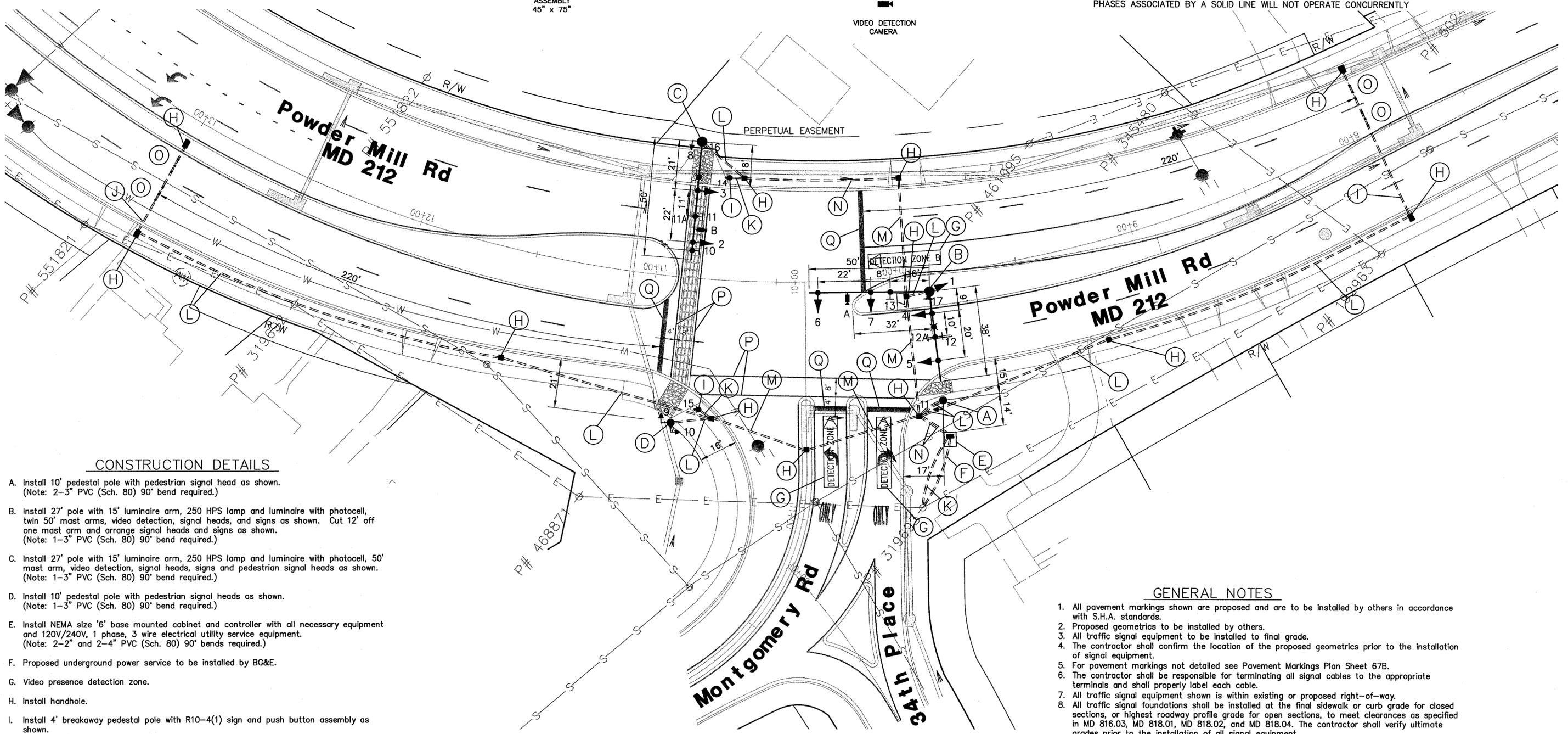
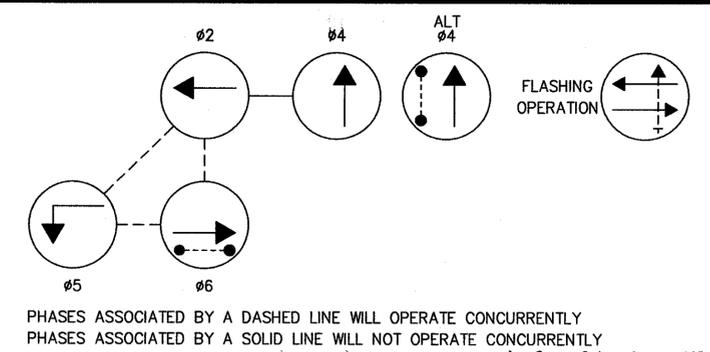
1 12" 8" (R, Y, G)

2 12" (R, Y, G)

3,4,5,6,7 12" (R, Y, G)

8,9,10,11 12" (Hand icon)

AB VIDEO DETECTION CAMERA



CONSTRUCTION DETAILS

- A. Install 10' pedestal pole with pedestrian signal head as shown. (Note: 2-3" PVC (Sch. 80) 90° bend required.)
- B. Install 27' pole with 15' luminaire arm, 250 HPS lamp and luminaire with photocell, twin 50' mast arms, video detection, signal heads, and signs as shown. Cut 12' off one mast arm and arrange signal heads and signs as shown. (Note: 1-3" PVC (Sch. 80) 90° bend required.)
- C. Install 27' pole with 15' luminaire arm, 250 HPS lamp and luminaire with photocell, 50' mast arm, video detection, signal heads, signs and pedestrian signal heads as shown. (Note: 1-3" PVC (Sch. 80) 90° bend required.)
- D. Install 10' pedestal pole with pedestrian signal heads as shown. (Note: 1-3" PVC (Sch. 80) 90° bend required.)
- E. Install NEMA size '6' base mounted cabinet and controller with all necessary equipment and 120V/240V, 1 phase, 3 wire electrical utility service equipment. (Note: 2-2" and 2-4" PVC (Sch. 80) 90° bends required.)
- F. Proposed underground power service to be installed by BG&E.
- G. Video presence detection zone.
- H. Install handhole.
- I. Install 4' breakaway pedestal pole with R10-4(1) sign and push button assembly as shown. (Note: 1-2" PVC (Sch. 80) 90° bend required.)
- J. Install 3" seamless HDPE conduit (bored).
- K. Install 2" PVC (Sch. 80) electrical conduit (trenched).
- L. Install 3" PVC (Sch. 80) electrical conduit (trenched).
- M. Install 4" PVC (Sch. 80) electrical conduit (bored).
- N. Install 4" PVC (Sch. 80) electrical conduit (trenched).
- O. Install Non-Invasive Probe type vehicle detector.
- P. Install 12" wide white pavement marking for crosswalk.
- Q. Install 24" wide white pavement marking for stopbar.

GENERAL NOTES

1. All pavement markings shown are proposed and are to be installed by others in accordance with S.H.A. standards.
2. Proposed geometrics to be installed by others.
3. All traffic signal equipment to be installed to final grade.
4. The contractor shall confirm the location of the proposed geometrics prior to the installation of signal equipment.
5. For pavement markings not detailed see Pavement Markings Plan Sheet 67B.
6. The contractor shall be responsible for terminating all signal cables to the appropriate terminals and shall properly label each cable.
7. All traffic signal equipment shown is within existing or proposed right-of-way.
8. All traffic signal foundations shall be installed at the final sidewalk or curb grade for closed sections, or highest roadway profile grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.

UTILITY LEGEND

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

REVISIONS	
E 4-12-04	New signal installed at relocated intersection
MDS 1-13-83	Re-drawn
D 1-13-83	Re-drawn
LS	C 12-8-80 New controller, loops, E/P left turn MD 212 SB
SR	B 6-24-76 Revised phasing and changed signal No. 6
SR	

APPROVALS	
TEAM LEADER, ENGINEERING DESIGN DIVISION	
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	

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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
AMMENDALE / VIRGINIA MANOR ROAD
Section II - Phase 3
TRAFFIC SIGNAL PLAN
MD 212 (Powder Mill Rd) @ Montgomery Rd and 34th Place

DRAWN BY: HJR	F.A.P. NO. N/A	TS NO. 16253	SHEET NO.
CHECKED BY: EBY	S.H.A. NO. P6335171	COUNTY: Prince George's	T.I.M.S. NO. G163
SCALE: 1"=20'	LOG MILE: 1602.1206.97		68C OF
DATE: 1972			