

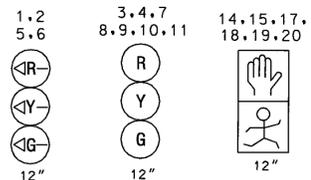
**CONSTRUCTION DETAILS**

- A. Install 30' steel pole, vehicle and pedestrian signal heads, signs, and shoebox luminaires as shown. Paint pole brown per Montgomery County Specifications. (Notes: 1 - 3 in. PVC schedule 80 conduit bends 4 - 1 3/4 in. X 66 in. anchor bolts.)
- B. Install 20' steel pole, vehicle signal head, and signs as shown. Paint pole brown per Montgomery County Specifications. (Notes: 3 in. PVC schedule 80 conduit bends 4 - 1 in. X 36 in. anchor bolts.)
- C. Install 24 in. (white) thermoplastic pavement marking as shown (stop line).
- D. Install 12 in. (white) thermoplastic pavement marking with crosshatching as shown (See detail).
- E. Remove existing traffic signal pole and foundation.
- F. Install 3 in. schedule 80 PVC conduit.
- G. Install handhole.
- H. Install 4 in. schedule 80 PVC electrical conduit (bored).
- J. Use existing conduit.
- K. Use existing handhole.
- L. Install 5 in. (white) thermoplastic pavement marking to match existing (10' stripe with 30' spacing).
- M. Remove sign and post.
- N. Remove existing pavement markings.

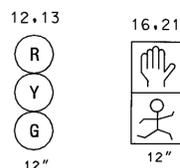
**GENERAL NOTES:**

1. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. Contact Montgomery County DPWT (240-777-2100) to mark existing underground signal conduit and wires. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the project Engineer immediately so that the conflict may be resolved.
2. The Contractor shall confirm the location of proposed geometrics prior to the installation of new signal equipment.
3. All traffic signal equipment shall be installed to final grade.
4. Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with SHA Standards.

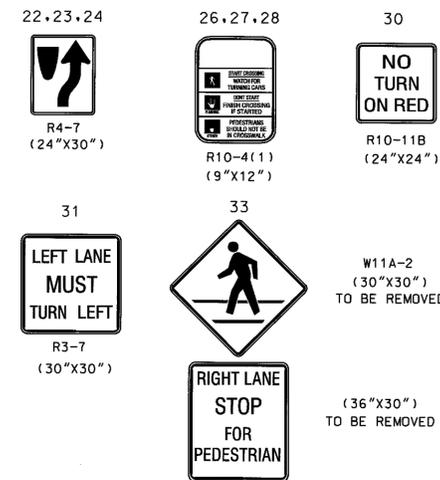
**EXISTING SIGNAL HEADS**



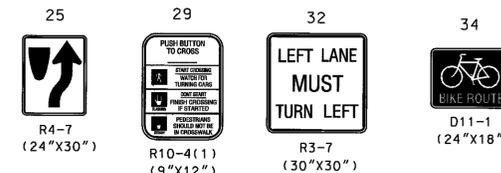
**PROPOSED SIGNAL HEADS  
BLACK FACED**



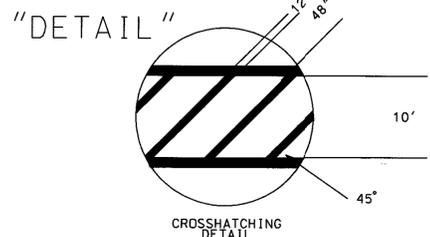
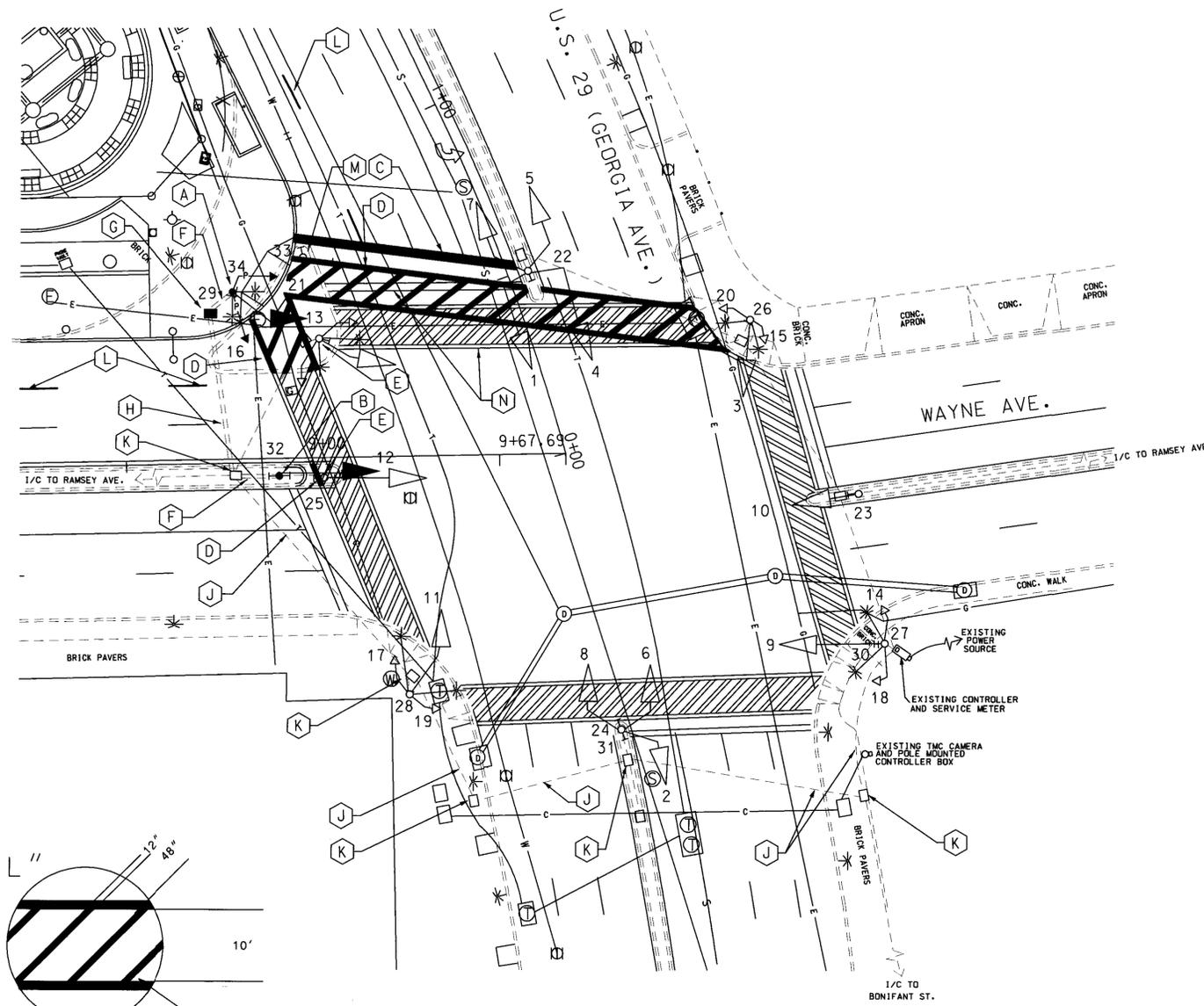
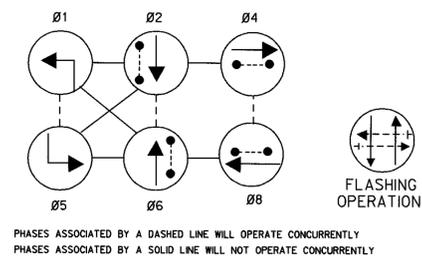
**EXISTING SIGNS**



**RELOCATED SIGNS**



**NEMA PHASING**



**UTILITY LEGEND**

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— C —	COMMUNICATIONS
— T —	TELEPHONE CABLES
— D —	DRAINAGE
— D —	DRAINAGE (MAIN)

**WELLS & ASSOCIATES, LLC**  
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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**  
 US 29 (GEORGIA AVENUE) AND WAYNE AVENUE  
 TRAFFIC SIGNAL MODIFICATION

DRAWN BY: WT/CA	F.A.P. NO. XXX	TS NO. 4195	SHEET NO. 1 OF 2
CHECKED BY: CT	S.H.A. NO. BW996M82	T.I.M.S. NO. F-182	
SCALE: 1" = 20'	COUNTY: MONTGOMERY	LOG MILES: 15002900-67	
DATE: 8-9-02			