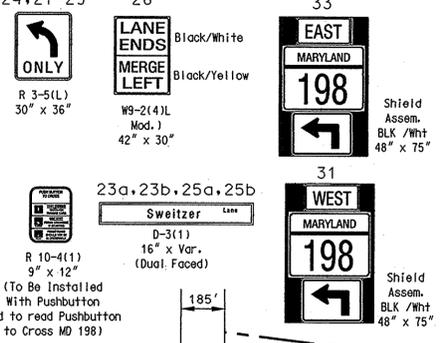


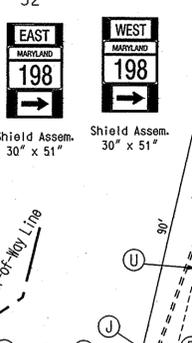
**PROPOSED SIGNS**



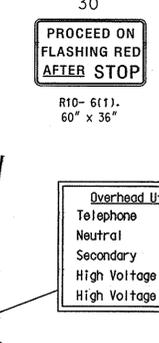
**REMOVE SIGNS**



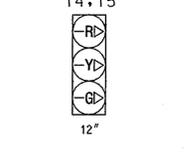
**RELOCATE SIGNS**



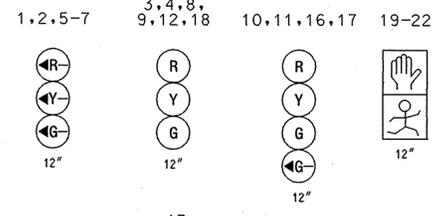
**EXISTING SIGNS**



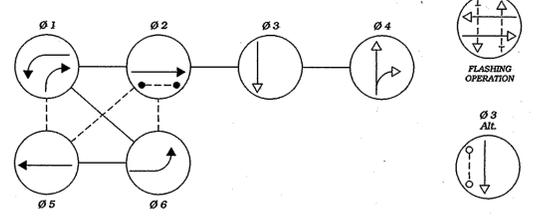
**EXISTING SIGNALS**



**PROPOSED SIGNALS**



**PROPOSED NEMA PHASING**



**NEMA notes:**  
 Phases associated by a dashed line will operate concurrently.  
 Phases associated by a solid line will not operate concurrently.

**Overhead Utilities**

Telephone	- 19.0 ft.
Neutral	- 26.0 ft.
Secondary	- 32.5 ft.
High Voltage	- 42.5 ft.
High Voltage	- 47.0 ft.

**PROPOSED CAMERAS**



**CONSTRUCTION DETAILS**

- Use existing base mounted cabinet/controller, and all attached equipment. Install new 4 in. elbow in existing base. Video interface equipment to be installed the controller by SHA Signal Shop.
- Use existing mast arm pole and mast arm. Install video detection camera as shown.
- Install 27 ft. steel mast arm pole with 70 ft. mast arm, vehicle signal heads, signs, pedestrian signal head, 20 ft. luminaire arm, 250 watt HPS luminaire, and video detection camera (Note: one 3 in. PVC conduit bend).
- Install 27 ft. steel twin mast arm pole with 70 ft. and 50 ft. mast arms, vehicle signal heads, signs, pedestrian signal head, pedestrian pushbutton, pedestrian pushbutton sign, 20 ft. luminaire arm, 250 watt HPS luminaire, and video detection camera (Note: one 3 in. PVC conduit bend).
- Install 27 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, pedestrian signal heads, pedestrian pushbutton, pedestrian pushbutton sign, and video detection camera (Note: one 3 in. PVC conduit bend).
- Install 12 in. wide white Thermoplastic pavement marking - for crosswalk.
- Install handhole.
- Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trrenched.
- Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trrenched.
- Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- Use existing conduit.
- Install 24 in. wide white Thermoplastic pavement marking - for stop line.
- Use existing handhole.
- Install micro-loop probe (set of 3).
- Remove existing handhole.
- Remove existing steel strain pole and all attached equipment. Relocate near side shield assembly sign.
- Remove existing pedestal pole.
- Cap and abandon existing conduit.
- Disconnect and abandon loop detector.
- Use existing handhole. Splice new aluminum shielded cable to existing loop detector.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trrenched.

**NOTES**

- Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- Loop detectors and conduits shall be installed prior to the installation of pavement markings.
- Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
- Revision 'D' is a revision to the traffic signal built in June 1999.
- All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
- The Contractor shall be responsible for terminating all signal cable to the appropriate terminals and properly labeling each.
- All unused electrical cables shall be removed and disposed of by the Contractor.

GEOMETRIC LEGEND	REVISIONS	APPROVALS
--- EXISTING GEOMETRICS		
--- PROPOSED GEOMETRICS		
<b>UTILITY LEGEND</b>		
G - GAS MAIN		
W - WATER MAIN		
S - SEWER MAIN		
E - ELECTRIC CABLES		
D - STORM DRAIN		
A - AERIAL CABLES		
T - TELEPHONE CABLES		
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
		DIRECTOR, TRAFFIC & SAFETY
		ORIGINAL ON FILE

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
**Office of Traffic & Safety**  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 (Traffic Signal Plan)  
**MD 198 at Sweitzer Lane**

DRAWN BY: Dave Andrews	F.A.P. NO. N/A	TS NO. 2110 D
CHECKED BY: Steve Renzi	S.H.A. NO. 855-16001	SHEET NO. 1 OF 2
SCALE: 1" = 20'	COUNTY: Prince George's	T.I.M.S. NO. G-934
DATE: August 22, 1995	LOG MILE: 16001980.67	

Revision "D"  
**The Traffic Group**  
 The Traffic Group, Inc.  
 410-931-6600  
 Fax 410-931-6601

F:\1995\1995-03\84\1\Sigplan.dwg 7/2/2005