

at 10' from the centerline. It is intended to run in an easterly direction.

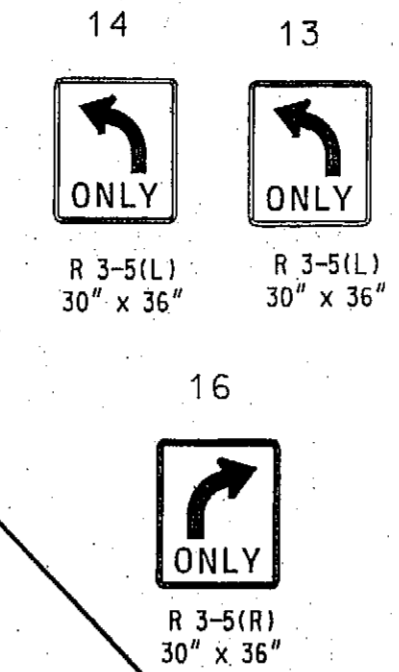
**Equipment List 'A'**  
 Equipment to be supplied and installed by SHA.  
 Communication Panel  
 TS-2 Mini-Hub  
 TS-2 Mini-Hub Cables  
 Industrial 50k Modem  
 SDLC Cables

**Equipment List 'C'**  
 Removed and Salvaged Items  
 NONE

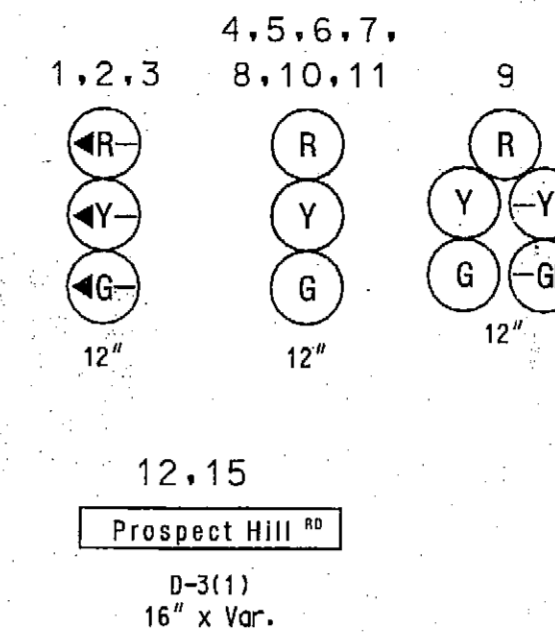
**Equipment List 'B'**  
 Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	200 LF	24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
5004	200 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
8018	1 EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8020	85 LF	2 INCH SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED
8040	5 LF	1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8043	2 EA	MICROLOOP PROBE, 500 FOOT LEAD IN CABLE
8047	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8050	1 EA	VIDEO DETECTION CAMERA & CONTROLLER CABLES UP TO 500 LF
8063	45 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
8072-A	1 EA	ADJUST HANDHOLE TO GRADE

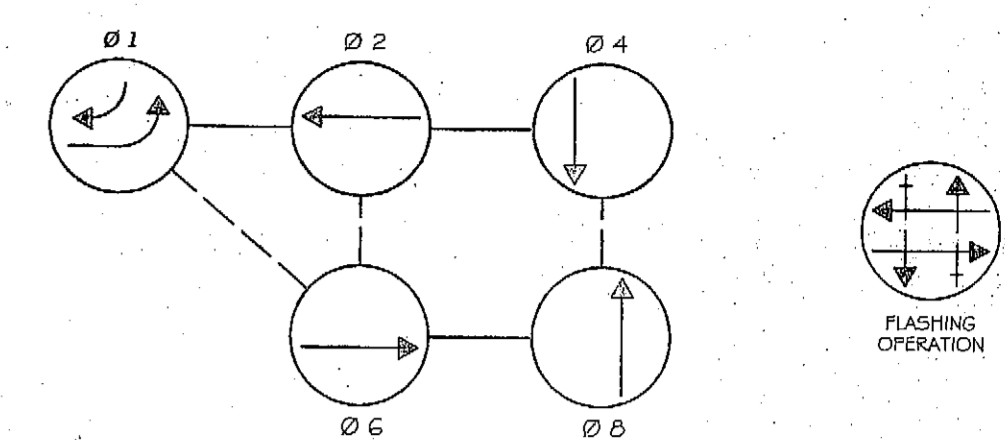
**EXISTING SIGNS**



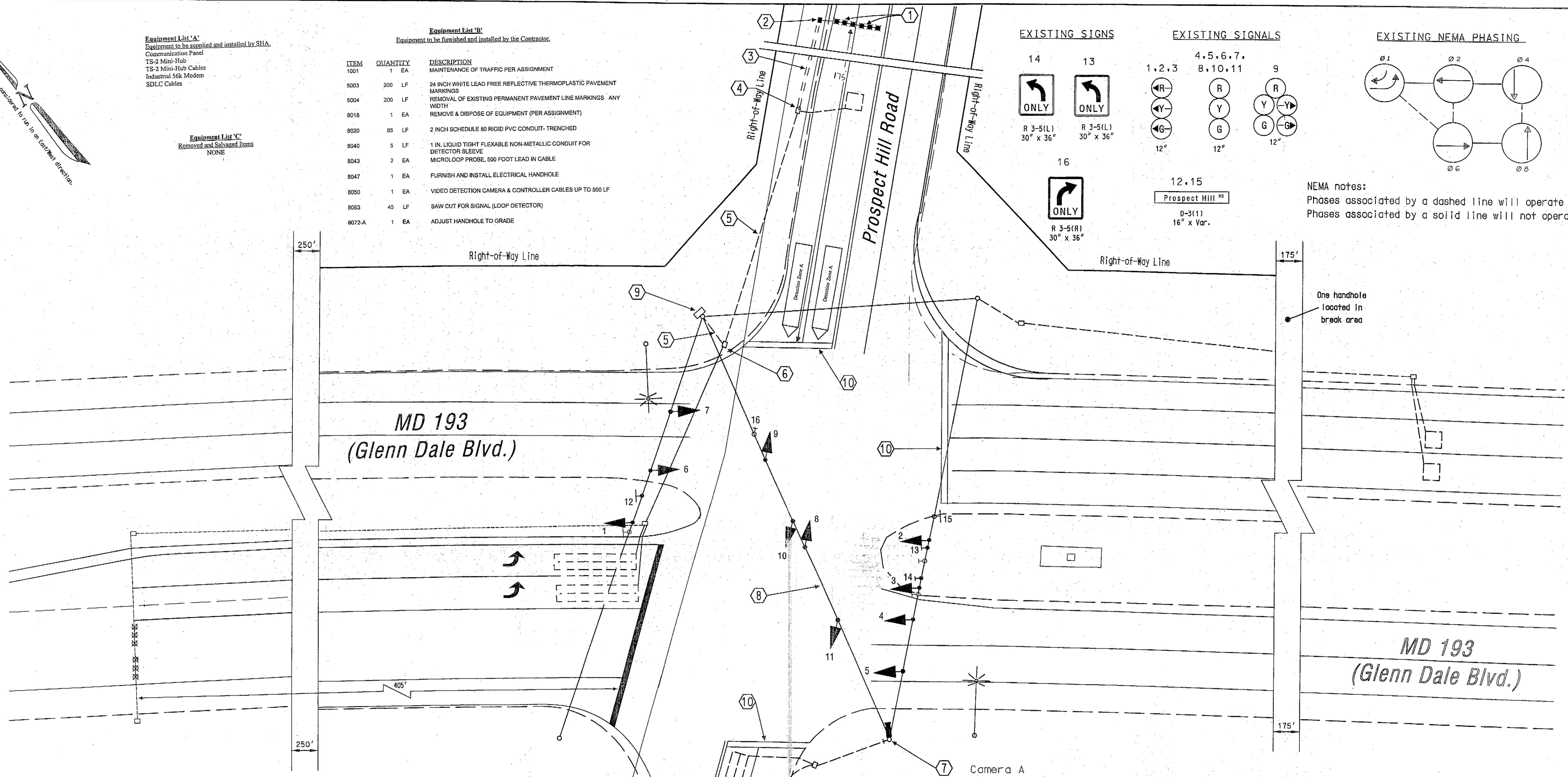
**EXISTING SIGNALS**



**EXISTING NEMA PHASING**



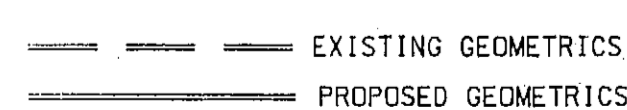
**NEMA notes:**  
 Phases associated by a dashed line will operate concurrently.  
 Phases associated by a solid line will not operate concurrently.



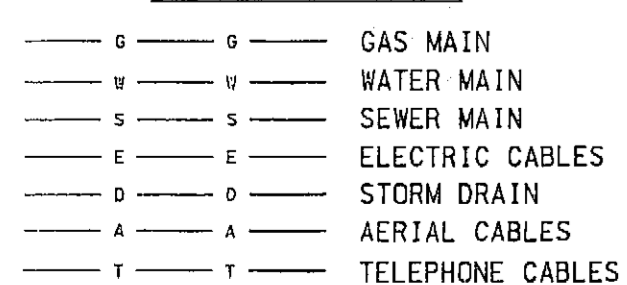
**CONSTRUCTION DETAILS**

1. Install proposed triple micro loop probe sets.
2. Install proposed handhole, detector sleeves and triple micro loop probe lead-in cables.
3. Install 2 inch pvc conduit (trenched) and triple micro loop probe lead-in cables.
4. Locate existing handhole and raise to grade. Cap and abandon existing detector sleeves and remove existing loop detector lead-in cable.
5. Use existing conduit. Remove existing loop detector lead-in cable and install proposed triple micro loop probe lead-in cables.
6. Use existing handhole. Cap and abandon existing detector sleeves. Remove existing loop detection lead-in cables and install proposed triple micro loop probe lead-in cables.
7. Use existing strain pole. Install proposed video camera and video detection lead-in cable.
8. Use existing span wire. Install proposed video detection lead-in cable.
9. Use existing controller cabinet. Remove existing loop detection lead-in cables for phase 4 and install proposed triple micro loop probe and video detection lead-in cable. TDD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed detection work.
10. Remove stop line and re-install in accordance to SHA Standards.

**GEOMETRIC LEGEND**



**UTILITY LEGEND**



**TRAFFIC SIGNAL SYMBOLS**

PROPOSED	EXISTING

Revision "A"

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

REVISIONS	APPROVALS
(B) Installation of Video Detection 07/2007 03/2008 TMS 3-168	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
(C) Signal modifications due to geometric changes: EB double left turn. S.H.A. No.: B9956B2 FDB	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHEF, 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 193 (Glenn Dale Blvd.) at Prospect Hill Road

DRAWN BY: J. Greezickl	F.A.P. NO. N/A	TS NO. 23116	SHEET NO. 1 OF 2
CHECKED BY: R. Christman	S.H.A. NO.	T.I.M.S. NO. G-315	
SCALE: 1" = 20'	COUNTY: Prince George's		
DATE: June 16, 1987	LOG MILE: 16019311.08		

MD193-ProspectHill-819141.dwg Monday, March 03, 2008