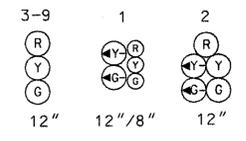
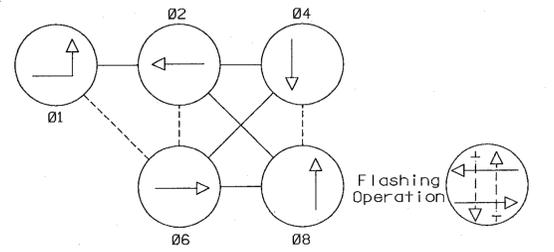


**EXISTING SIGNALS**



**NEMA PHASING**



**PROPOSED VIDEO DETECTION**

I, II, III

**PHASING NOTES:**  
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

**EXISTING SIGNS**



A PROPOSED HANDHOLE IS LOCATED IN THE BREAK AREA 175' FROM THE INTERSECTION.

**CONSTRUCTION DETAILS**

- (A) EXISTING VEHICLE DETECTOR TO BE DESTROYED DURING MILLING OPERATIONS.
- (B) INSTALL 24 INCH HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE, AS DIMENSIONED ON PLAN.
- (C) INSTALL VIDEO DETECTION CAMERA USING 'L' BRACKET TO STRAIN POLE.
- (D) REMOVE EXISTING HANDHOLE.
- (E) INSTALL NEW HANDHOLE.
- (F) INSTALL ELECTRICAL HANDHOLE SO THAT LONG DIMENSION OF HANDHOLE SHALL BE PARALLEL TO BORED CONDUIT, TO FACILITATE INSTALLATION OF NON-INVASIVE LOOPS.
- (G) INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED.
- (H) ABANDON EXISTING HANDHOLE.
- (I) CAP AND ABANDON EXISTING CONDUIT.
- (J) INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED.
- (K) INSTALL NON-INVASIVE LOOP DETECTOR IN CONDUIT.

**GENERAL NOTES**

1. THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN 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. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. SEQUENCE OF CONSTRUCTION FOR THE SIGNAL IS ADDRESSED IN THE TRAFFIC CONTROL NOTES TPOI.
4. ALL EXISTING UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
5. ALL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
6. SEE PS01 AND PS02 FOR EXACT RIGHT-OF-WAY LOCATIONS.

GEOMETRIC LEGEND	
—	PROPOSED GEOMETRICS
- - -	EXISTING GEOMETRICS

UTILITY LEGEND	
— G — G —	GAS MAIN
— W — W —	WATER MAIN
— S — S —	SEWER MAIN
— E — E —	ELECTRIC CABLES
— D — D —	STORM DRAIN
— A — A —	AERIAL CABLES
— T — T —	TELEPHONE CABLES

REVISION C CONSULTANT

**WALLACE, MONTGOMERY & ASSOCIATES, LLP**  
 CIVIL AND STRUCTURAL ENGINEERS  
 110 West Road  
 Suite 300  
 Towson, Maryland 21204

REVISIONS	APPROVALS
(C) Install video detection MJA 11/11/2004 B. Add EP LT EB MD 152 WM 09/19/90 A. As Built WM 08/19/90	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION CHIEF TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY

SG-01

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 MD 152 AT CARRS MILL/OLD FALLSTON ROAD INTERSECTION IMPROVEMENTS

DRAWN BY: FLANIGAN	F.A.P. NO. S-210C	TS NO. S-210C	SHEET NO. 17 OF 21
CHECKED BY:	S.H.A. NO. HARFORD	T.I.M.S. NO. E92IX	
SCALE: 1"=20'	COUNTY:	LOG MILE:	
DATE: 05/01/1970			

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