PROJECT DESCRIPTION

GENERAL

This project involves the replacement of exclusive/permissive left turn signal heads with exclusive left turn signal heads at the intersection of US 301 and Cylmer Dr./ Matapeake Dr. in Prince George's County.

INTERSECTION OPERATION

This intersection will operate in a fully actuated mode with US 301 northbound and southbound left turn lanes operating in an exclusive phase. Eastbound Matapeake Drive and westbound Clymer Drive shall operated concurrently.

SPECIAL NOTES

1. The following contact persons for District #3 are as follows:

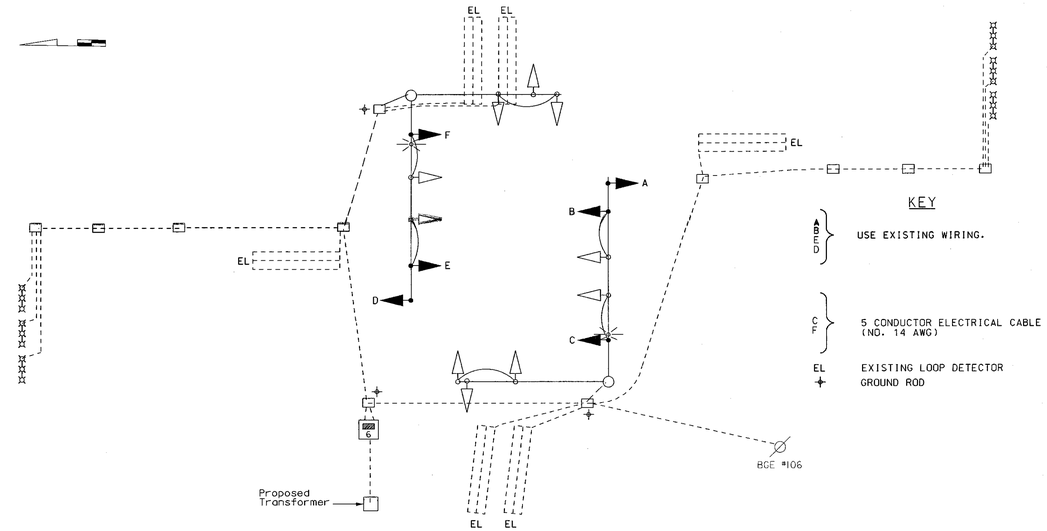
   Mr. Charlie Watkins, District Engineer
   Phone: (301) 513-7300
   Mr. Majid Shakib, Assistant District Engineer-Traffic
   Phone: (301) 513-7300
   Mr. Dennis McMahon, Assistant District Engineer-Maintenance
   Phone: (301) 513-7300
   Mr. Augie Rebish, Assistant District Engineer-Utility
   Phone: (310) 513-7300
   Mr. Richard J. Duff, Sr., Chief Traffic Operations Division
   Phone: (410) 787-7630

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

QUANTITY	DESCRIPTION
1 EA	MAINTENANCE OF TRAFFIC
6 EA	(MAST ARM MT) 12" 1-WAY, 3-SECTION SIGNAL (ALUMINUM) - BLACK FACE
50 LF	FURNISH AND INSTALL ELECTRICAL CABLE- 5 CONDUCTOR (NO 14 AWG)

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1 AND 5	◄G	◄G	R	R	R	◄G	◄G	R	R	R	R	R	R	R	R	R
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																
PHASE 1 AND 6	◄R	◄R	R	R	R	◄G	◄G	G	R	R	R	R	R	R	R	R
1 AND 6 CHANGE	◄R	◄R	R	R	R	◄Y	◄Y	Y	Y	Y	R	R	R	R	R	R
PHASE 2 AND 5	◄G	◄G	G	G	G	◄R	◄R	R	R	R	R	R	R	R	R	R
2 AND 5 CHANGE	◄Y	◄Y	Y	Y	Y	◄R	◄R	R	R	R	R	R	R	R	R	R
PHASE 2 AND 6	◄R	◄R	G	G	G	◄R	◄R	G	G	G	R	R	R	R	R	R
2 AND 6 CHANGE	◄R	◄R	Y	Y	Y	◄R	◄R	Y	Y	Y	R	R	R	R	R	R
PHASE 4 AND 8	◄R	◄R	R	R	R	◄R	◄R	R	R	R	G	G	G	G	G	G
4 AND 8 CHANGE	R	R	R	R	R	◄R	◄R	R	R	R	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FL /R	FL /R	FL /Y	FL /Y	FL /Y	FL /R	FL /R	FL /Y	FL /Y	FL /Y	FL /R	FL /R	FL /R	FL /R	FL /R	FL /R

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION PLAN
US 301 (ROBERT S. CRAIN HIGHWAY)
AND
CLYMER DRIVE/MATAPEAKE DRIVE

DRAWN BY: J.ALLEN Jr.	F.A.P. NO.		TS NO. 4065	SHEET NO.
CHECKED BY: S.RENZI	S.H.A. NO.			
SCALE: NTS	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. G124	2 OF 2
DATE: FEBRUARY, 2001	LOG MILE:	16030100.77		