

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES MODIFYING THE OPERATION OF AN EXISTING TRAFFIC CONTROL SIGNAL. THE MODIFICATION INCLUDES ADDING SIGNAL INDICATION AND TRAFFIC DETECTION FOR LORD BALTIMORE DRIVE NORTHBOUND MOVEMENT TO EASTBOUND MD 26. THE INTERSECTION IS LOCATED AT MD 26 (LIBERTY ROAD) & RAMP 8 FROM OUTER LOOP I-695/ LORD BALTIMORE DRIVE IN BALTIMORE COUNTY.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED SYSTEM MODE UTILIZING 4 NEMA PHASES.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR DISTRICT #4 ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER- TRAFFIC
PHONE: (301) 321-2781
MR. DAVE RAMSEY, ASSISTANT DISTRICT ENGINEER- MAINTANCE
PHONE: (410) 321-2761
MR. JOSEPH D. McMAHON, ASSISTANT DISTRICT ENGINEER- UTILITY
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
9570	FLAT SHEET ALUMINUM GROUND MOUNTED SIGN R-10-6g (24" x 30")	SF EA	5 1
9571	FLAT SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN R10-11b (30" x 30")	SF EA	6.25 1

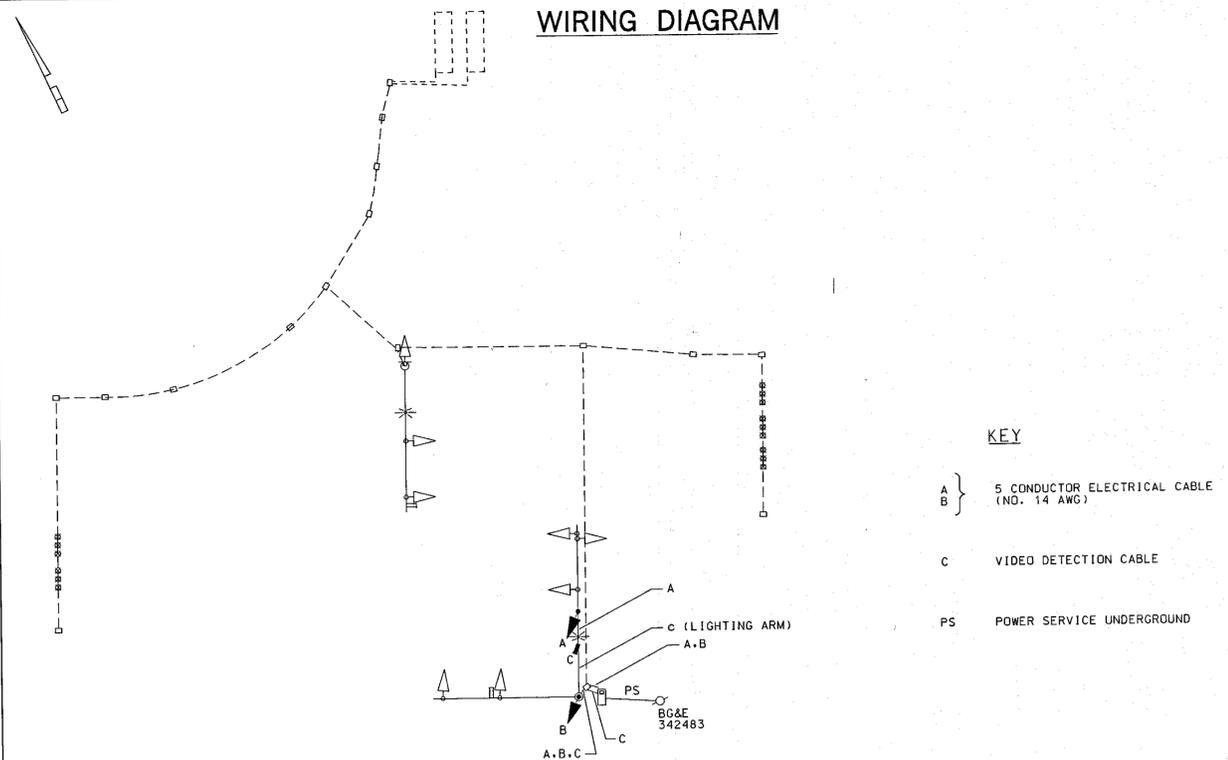
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTANCE OF TRAFFIC	EA	1
8013	REMOVE AND DISPOSE OF EQUIPMENT	EA	1
8048	FURNISH AND INSTALL VIDEO DETECTION CAMERA	EA	1
8049	FURNISH AND INSTALL CONTROL CABLE 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	1
8056	FURNISH AND INSTALL 12 IN. VEHICULAR SIGNAL HEAD SECTION POLYCARBONATE, BLACKED FACE	EA	6
8061	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR NO. 14 AWG	LF	184
8022	RELOCATE EXISTING SIGN	SF	13.75
8005	REMOVE GROUND MOUNTED SIGN	SF	6.25
8046	INSTALL GROUND MOUNTED SIGN	SF	5
8047	INSTALL OVERHEAD (MAST ARM) MOUNTED SIGN	SF	6.25

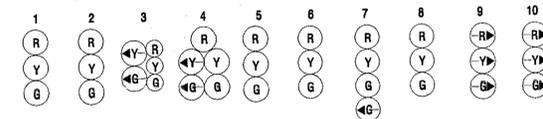
C. MATERIALS TO BE REMOVED BY THE CONTRACTOR.

ALL MATERIALS REMOVED BY THE CONTRACTOR SHALL BECOME PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



PHASE CHART



	1	2	3	4	5	6	7	8	9	10	
PHASE 2 AND 5	R	R	←G/G	←G/G	G	R	R	R	-R	-R	←
2 AND 5 CHANGE	R	R	←Y/G	←Y/G	Y	R	R	R	-R	-R	↓
PHASE 2 AND 6	G	G	G	G	G	R	R	R	-R	-R	←
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	-R	-R	↓
PHASE 4	R	R	R	R	R	G	←G	G	-R	-R	↓
4 CHANGE	R	R	R	R	R	Y	Y	Y	-R	-R	↓
PHASE 8	R	R	R	R	R	R	R	R	-G	-G	←
8 CHANGE	R	R	R	R	R	R	R	R	-Y	-Y	←
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	↔

SHA#: DASHA61651 TOD#: AT582-21

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION PLAN
**MD 26 (LIBERTY ROAD) AT I-695 RAMP 8
& LORD BALTIMORE DRIVE**

DRAWN BY: S. SMITH	F.A.P. NO. AC-M-G-STP-G-695-61388R	TS NO. 4379A	SHEET NO.
CHECKED BY: S. RENZI	S.H.A. NO. BA3795172	T.I.M.S. NO. G-783	
SCALE: 1" = 20'	COUNTY: BALTIMORE	LOG MILE: 03002608J2	2 OF 2
DATE: MAY, 2002			