

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES REPLACING THE EXISTING SIGNAL HEADS WITH BLACK FACE SIGNAL HEADS ALONG NORTHBOUND MD 235 AT MD 245 IN SAINT MARY'S COUNTY. IN ADDITION, A THIRD SIGNAL HEAD WILL BE ADDED ALONG MD 235 NORTHBOUND.

INTERSECTION OPERATION

THERE IS NO CHANGE TO INTERSECTION OPERATION.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR DISTRICT #5 ARE AS FOLLOWS:

PROJECT CONTACTS:

MS. KIMBERLY TRAN, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 841 - 1003
MR. CHARLES GEORGE, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841 - 1002
MR. JOHN MAYES, ASSISTANT DISTRICT ENGINEER - UTILITY
PHONE: (410) 841 - 1005
MR. RICHARD L. DAFF SR., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787 - 7630
MR. ROBERT SNYDER, ASSISTANT CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787 - 7631
MR. ED RODENHIZER, CHIEF OF SIGNAL SHOP
PHONE: (410) 787 - 7650

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR FOLLOWING THE STANDARD PLATES FOR TRAFFIC CONTROL:

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION

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

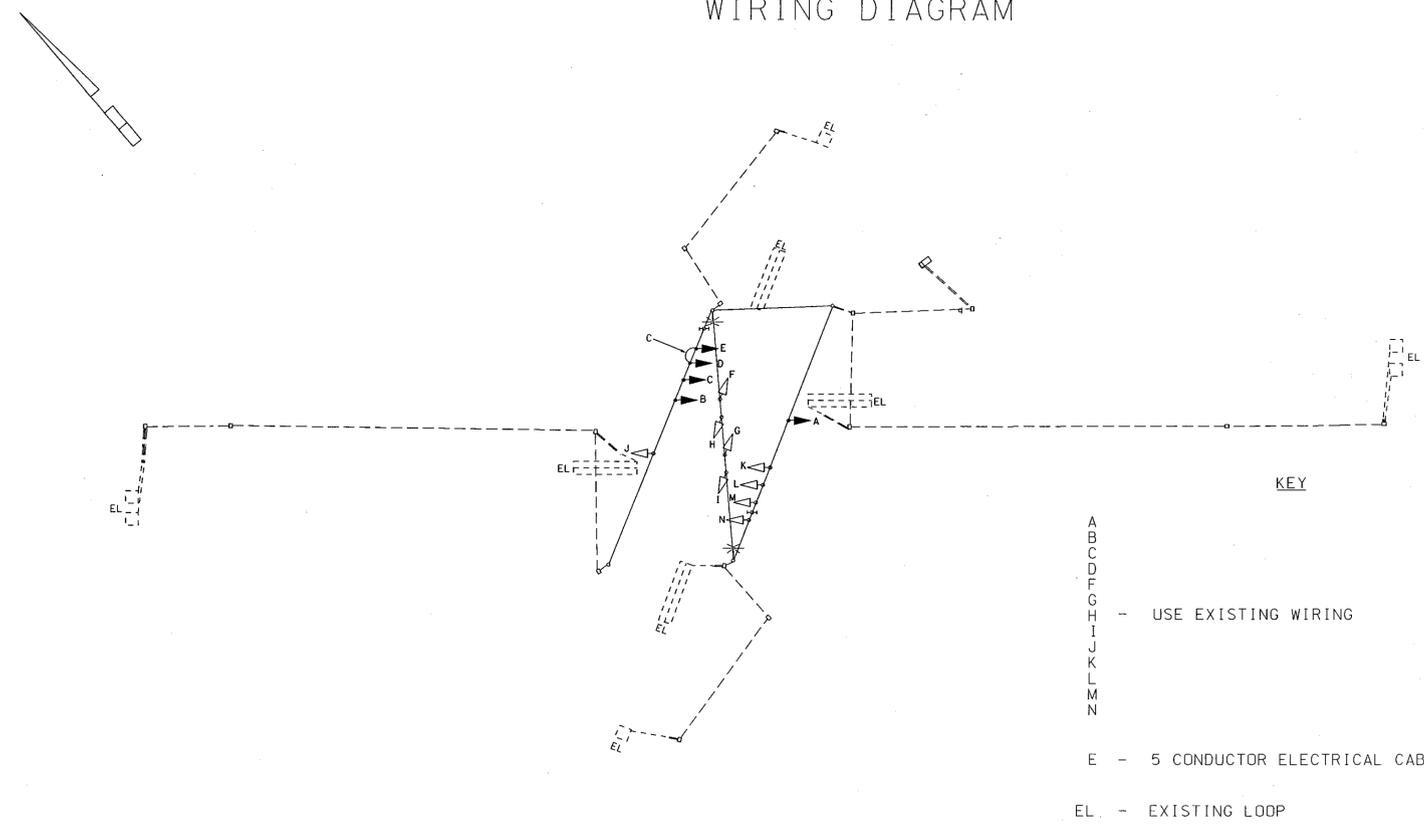
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 ea	MAINTENANCE OF TRAFFIC
8011	15 EA	FURNISH AND INSTALL 12" INCH VEH SIGNAL HEAD SECTION- BLACK FACED
8084	20 LF	FURNISH AND INSTALL ELECTRICAL CABLE-5 CONDUCTOR (NO. 14 AWG)

C. MATERIALS TO BE REMOVED BY THE CONTRACTOR.

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

ITEM NO.	DESCRIPTION
	SIGNAL HEADS

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Phase 1 & 5	◀G-	◀G-	R	R	R	◀G-	◀G-	R	R	R	R	R	R	R
1 & 5 Change	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6													
Phase 1 & 6	◀G-	◀G-	G	G	G	◀R-	◀R-	R	R	R	R	R	R	R
1 Change	◀Y-	◀Y-	G	G	G	◀R-	◀R-	R	R	R	R	R	R	R
Phase 2 & 5	◀R-	◀R-	R	R	R	◀G-	◀G-	G	G	G	R	R	R	R
5 Change	◀R-	◀R-	R	R	R	◀Y-	◀Y-	G	G	G	R	R	R	R
Phase 2 & 6	◀R-	◀R-	G	G	G	◀R-	◀R-	G	G	G	R	R	R	R
2 & 6 Change	◀R-	◀R-	Y	Y	Y	◀R-	◀R-	Y	Y	Y	R	R	R	R
Phase 4+8	◀R-	◀R-	R	R	R	◀R-	◀R-	R	R	R	G	G	G	G
4 & 8 Change	◀R-	◀R-	R	R	R	◀R-	◀R-	R	R	R	Y	Y	Y	Y
Fleshing	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R
Operation	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R

APPROVALS

ORIGINAL

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASSY. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

ON

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

FILE

DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 235 & MD 245

Drawn by: CEDRIC WARD
Checked by: XXX
Scale: NTS
Date: APRIL, 2004

F.A.P. NO. XXX
S.H.A. NO. XXI065485
COUNTY: SAINT MARY'S
LOG MILE: 18023520.78

TS NO. 996D
SHEET NO. 2 OF 2
T.I.M.S. NO. G063