

PROJECT DESCRIPTION

I. GENERAL

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 146 (DULANEY VALLEY ROAD) AND LOCUSTVALE ROAD/GOUCHER COLLEGE ENTRANCE IN BALTIMORE COUNTY, MARYLAND.

PEDESTRIAN CROSSWALKS ARE TO BE REPLACED AND NEW SET BACK DETECTION IS PROPOSED FOR EACH MD 146 APPROACH.

MD 146 (DULANEY VALLEY ROAD) IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET & CONTROLLER WILL BE USED.

PROJECT CONTACTS

THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
410-229-2381

MR. ROBERT SNYDER
ASSISTANT CHIEF, TRAFFIC OPERATIONS DIVISION
410-787-7631

MR. JESSE FREE
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
410-229-2421

MR. EDWARD RODENHIZER
SUPERVISOR, SIGNAL OPERATIONS
410-787-7652

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
410-229-2361

MR. MICHAEL PASQUARIELLO
UTILITY ENGINEER
410-229-2341

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
973023	SHEET ALUMINUM SIGNS: - 2 EACH W11-2(36" X 36"), W16-7(30" X 18")	SF	25.5

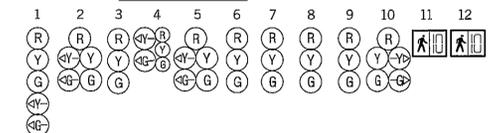
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
585621	12 INCH HEAT APPL. WHITE PERMANENT PREFORMED THERMO. PAVEMENT MARKING	LF	970
585625	24 INCH HEAT APPL. WHITE PERMANENT PREFORMED THERMO. PAVEMENT MARKING	LF	123
801106	WOOD SIGN SUPPORTS 4"x6"	LF	34
805160	1 INCH LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE	LF	20
810555	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE	EA	5
813014	INSTALL GROUND MOUNTED SIGN	SF	25.5
862102	SAW CUT FOR SIGNAL (LOOP DETECTOR)	LF	312

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

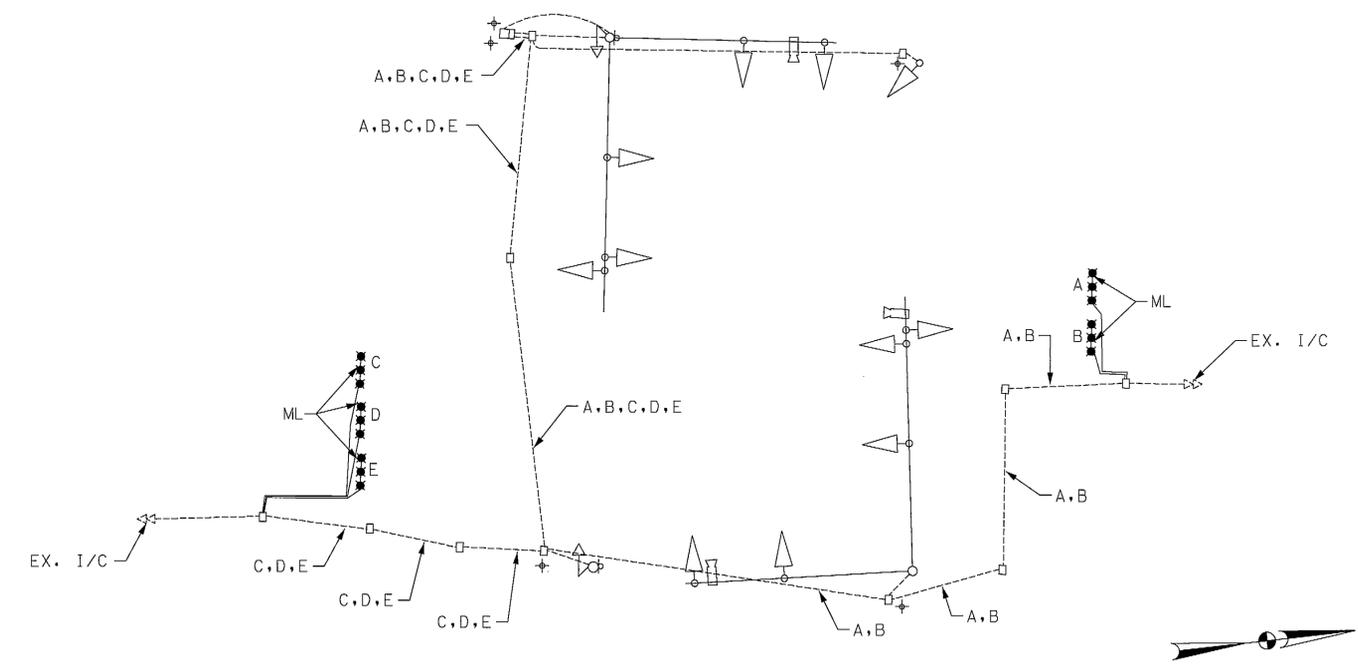
CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

PHASE CHART



PHASE 1 AND 5	R	R	R	R	R	R	R	R	R	R	R	DW	DW
1 AND 5 CHANGE, PHASE 1 AND 5 MAY CHANGE TO PHASE 1 AND 6, 2 AND 5, OR 2 AND 6	←G	←G	R	R	R	R	R	R	R	R	R	+	+
PHASE 1 AND 6	←G	←G	G	R	R	R	R	R	R	R	R	DW	DW
1 AND 6 CHANGE	←G	←G	G	R	R	R	R	R	R	R	R	DW	DW
PHASE 2 AND 5	R	R	R	←G	←G	G	R	R	R	R	R	DW	DW
2 AND 5 CHANGE	R	R	R	←G	←G	G	R	R	R	R	Y	DW	DW
PHASE 2 AND 6	G	G	G	G	G	R	R	R	R	R	R	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	DW	DW
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	G	DW	DW
4 AND 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	DW	DW
PHASE 4 AND 8 ALT	R	R	R	R	R	R	G	G	G	G	G	WK	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	FL/DW	FL/DW
4 AND 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK

WIRING DIAGRAM



- KEY**
- A } MICRO LOOP PROBE LEAD IN CABLE
 - B } MICRO LOOP PROBE LEAD IN CABLE
 - C } MICRO LOOP PROBE LEAD IN CABLE
 - D } MICRO LOOP PROBE LEAD IN CABLE
 - E } MICRO LOOP PROBE LEAD IN CABLE
 - ML } MICRO LOOP PROBE SET
 - + } GROUND ROD

1 REDLINE NO. 1 8/17/12
REPLACED SHEET

3 ADDENDUM NO. 3 7/9/12
REPLACED SHEET

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 146 (DULANEY VALLEY ROAD) AND
LOCUSTVALE ROAD/GOUCHER COLLEGE ENTRANCE
TOWSON, MARYLAND

GENERAL INFORMATION PLAN

SCALE NONE DATE 7/2012 CONTRACT NO. BA9825177

DESIGNED BY J. VOGT COUNTY BALTIMORE
DRAWN BY J. VOGT LOGMILE 03014600.52
CHECKED BY K. SWANN T.I.M.S. NO. LT71
F.A.P. NO. TOD NO.

TS NO. 4361B-GI DRAWING NO. SG - 2 OF 2 SHEET NO. 42 OF 44

BY: Jvogt -