

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 150 (EASTERN AVENUE AND RIVERSIDE DRIVE/ MACE AVENUE IN BALTIMORE COUNTY. MARYLAND. MD 150 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA FIVE-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH THE MD 150 APPROACHES OPERATING CONCURRENTLY AND THE RIVERSIDE DRIVE/ MACE AVENUE APPROACHES OPERATING SPLIT.

EXCLUSIVE LEFT-TURN PHASING ON NORTHBOUND MD 150 EXISTS WITH A RIGHT TURN OVERLAP FOR MACE AVENUE.

AN ALTERNATE PEDESTRIAN PHASE EXISTS ACROSS THE EAST LEG OF MD 150 (EASTERN AVENUE). NORTHBOUND EXCLUSIVE LEFT-TURN PHASING AND EASTBOUND RIGHT-TURN OVERLAP PHASE EXIST.

CONTROLLER REQUIREMENTS

EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING MINIMUM TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.03-01 (SHOULDER WORK) STANDARD NO. MD-104.03-09 (INTERSECTION FAR LEFT LANE CLOSURE).
 STANDARD NO. MD-104.03-03 (LEFT LANE CLOSURE) STANDARD NO. MD-104.03-13 (INTERSECTION FAR RIGHT LANE CLOSURE)
 STANDARD NO. MD-104.03-05 (RIGHT LANE CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT
 ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (410) 321-2785

MR. MIKE PASQUARIELLO
 ASST. DISTRICT UTILITY ENGINEER
 PHONE: (410) 321-2841

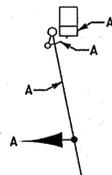
MR. STEVE MARCISZEWSKI
 ASSISTANT DISTRICT ENGINEER - MAINTENANCE
 PHONE: (410) 321-2761

MR. RICHARD L. DAFF, SR.
 CHIEF, TRAFFIC OPERATIONS DIVISION
 PHONE: (410) 787-7630

WIRING DIAGRAM

WIRING KEY

A } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
 B }

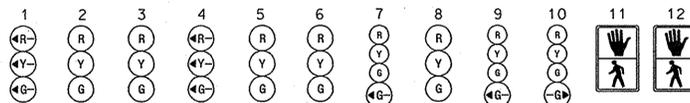


EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

QUANTITY	DESCRIPTION
6 EACH	12 INCH RED OR GREEN LED SIGNAL SECTION
2 EACH	12 INCH YELLOW LED SIGNAL HEAD SECTION
50 LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
LS	REMOVE EXISTING MATERIAL AND EQUIPMENT

PHASE CHART



PHASE	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 + 6	←G	G	G	←G	R	R	R	R	R	←G	DW	DW
1 + 6 CHANGE	←Y	G	G	←Y	R	R	R	R	R	←Y	DW	DW
PHASE 2 + 6	←R	G	G	←R	G	G	R	R	R	R	DW	DW
2 + 6 CHANGE	←R	Y	Y	←R	Y	Y	R	R	R	R	DW	DW
PHASE 3	←R	R	R	←R	R	R	←G	G	R	R	DW	DW
3 CHANGE	←R	R	R	←R	R	R	←G	Y	Y	R	DW	DW
PHASE 3 ALT	←R	R	R	←R	R	R	←G	G	R	R	WK	WK
PED CLEARANCE	←R	R	R	←R	R	R	←G	G	R	R	FL/DW	FL/DW
3 ALT CHANGE	←R	R	R	←R	R	R	←G	Y	Y	R	DW	DW
PHASE 4	←R	R	R	←R	R	R	R	←G	G	G	DW	DW
4 CHANGE	←R	R	R	←R	R	R	R	←G	Y	Y	DW	DW
FLASHING OPERATION	←FL/R	FL/Y	FL/Y	←FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 GENERAL INFORMATION SHEET
 MD 150 (EASTERN AVENUE) @ MACE AVENUE/
 RIVERSIDE DRIVE

WR&A
 Whitman, Reardon
 and Associates, LLP
 801 South Caroline Street
 Baltimore, Maryland 21231
 (410) 235-3450

DRAWN BY: <u>B. DONOWAY</u>	F.A.P. NO. _____	TS NO. _____
CHECKED BY: <u>N. LEARY</u>	S.H.A. NO. _____	SHEET NO. _____
SCALE: <u>NONE</u>	COUNTY: <u>BALTIMORE</u>	T.J.M.S. NO. _____
DATE: <u>10/19/2005</u>	LOG MILE: _____	H166 <u>2</u> OF <u>2</u>