

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 40 (PULASKI HIGHWAY) AND MD 7 (OLD PHILADELPHIA ROAD)/MD 159 (OLD PHILADELPHIA ROAD) IN HARFORD COUNTY, MARYLAND.

US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA EIGHT-PHASE, FULLY-ACTUATED MODE WITH AN EXCLUSIVE/PERMISSIVE LEFT TURN PHASES FOR ALL APPROACHES OF THE INTERSECTION.

THE EASTBOUND MD 7 LANE CONFIGURATION APPROACH IS BEING CHANGED TO A LEFT, LEFT/THRU/RIGHT LANE CONFIGURATION.

THE MD 7/MD 159 APPROACHES IS BEING CHANGED TO SPLIT PHASING OPERATION.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9571	25 SF	SHEET ALUMINIUM SIGNS TO CONSIST OF: - 1 EACH R3-5(L) SIGN (30"x36") - SPAN WIRE MOUNT - 1 EACH R3-6(1) SIGN (30"x30") - SPAN WIRE MOUNT - 1 EACH R3-8(10)MOD SIGN (54"x30") - GROUND MOUNT

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA
 ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

EQUIPMENT LIST "B"

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5006	38.5 S.F.	WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
8001	42 EACH	12 INCH LED SIGNAL HEAD SECTION
8004	8 EACH	8 INCH LED SIGNAL HEAD SECTION
8023	1 EACH	REMOVE AND DISPOSE OF MATERIAL & EQUIPMENT PER ASSIGNMENT
8039	30.5 L.F.	WOOD SIGN SUPPORTS UP TO 4' X 6'
8040	25 S.F.	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MS. ERIN KUHN
 ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (410) 229-2381

MR. ROBERT SNYDER
 ASSISTANT CHIEF, TRAFFIC OPERATIONS DIVISION
 PHONE: (410) 787-7631

MR. ANDRE FUTRELL
 ASSISTANT DISTRICT ENGINEER - MAINTENANCE
 PHONE: (410) 229-2361

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

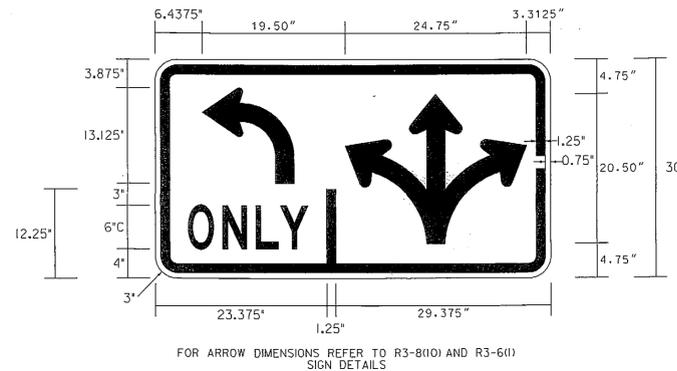
MR. MIKE PASQUARIELLO
 DISTRICT UTILITY ENGINEER
 PHONE: (410) 229-2341

MAINTENANCE OF TRAFFIC

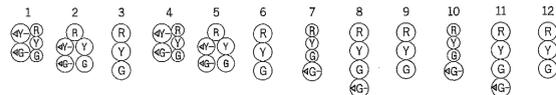
THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.03-02 (SHOULDER WORK)	STANDARD NO. MD-104.03-11 (INTERSECTION FAR-RIGHT LANE CLOSURE)
STANDARD NO. MD-104.03-06 (RIGHT LANE CLOSURE)	STANDARD NO. MD-104.03-12 (INTERSECTION FAR-RIGHT LANE CLOSURE)
STANDARD NO. MD-104.03-09 (INTER. FAR-LEFT LANE CLOSURE)	
STANDARD NO. MD-104.03-10 (INTER. FAR-LEFT LANE CLOSURE)	

R3-8(10)MOD SIGN DETAIL



PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 + 5	R	R	R	R	R	R	R	R	R	R	R	R
1 + 5 CHANGE	+G	+G										
PHASE 1 + 6	G	G	G	R	R	R	R	R	R	R	R	R
1 + 6 CHANGE	+G	+G										
PHASE 2 + 5	R	R	R	R	R	R	R	R	R	R	R	R
2 + 5 CHANGE	R	R	R	+G	+G	G	R	R	R	R	R	R
PHASE 2 + 6	G	G	G	G	G	G	R	R	R	R	R	R
2 + 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 3	R	R	R	R	R	R	G	G	G	R	R	R
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R
PHASE 4	R	R	R	R	R	R	R	R	R	G	G	G
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y
FLASHING OPERATION	+FLY	+FLY	FLY	+FLY	+FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR

TOD NO: XX645-04
 SHA NO: HA396851
 US 40 @ MD 7/MD 159

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 US 40 (Pulaski Highway) & MD 7 (Old Phila. Rd)/MD 159 (Old Phila. Rd)
 Aberdeen, Maryland

GENERAL INFORMATION SHEET

SCALE	NONE	ADVERTISED DATE	06/29/2011	CONTRACT NO.	XX6455185
DESIGNED BY	L. WAESCHE	COUNTY	Harford		
DRAWN BY	L. WAESCHE	LOGMILE	12000711.22		
CHECKED BY	N. LEARY	TIMS NO.	K991		
F.A.P. NO.		TOD NO.			
TS NO.	629C	DRAWING	TSP-2	OF	2
		SHEET NO.	2	OF	2

WR&A
 WHITMAN, REQUARDT & ASSOCIATES, LLP
 801 South Caroline Street, Baltimore, Maryland 21231