

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES CHANGING THE WESTBOUND US 40 EXCLUSIVE/PERMISSIVE LEFT TURN PHASE TO AN EXCLUSIVE LEFT TURN PHASE AT MD 543 (RIVERSIDE PARKWAY) IN HARFORD COUNTY. US 40 (PULASKI HIGHWAY) IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA FOUR-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH THE US 40 APPROACHES OPERATING CONCURRENTLY AND THE MD 543 APPROACH OPERATES ALONE.

EXCLUSIVE LEFT-TURN PHASING WILL BE PROVIDED FOR WESTBOUND US 40.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET/CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED AND INSTALL BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9000	1 EA	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT
9000	230 LF	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)
9102	2 EA	SIGN HARDWARE SPAN WIRE HANGER
9102	2 EA	SIGN HARDWARE SPAN WIRE BOTTOM TETHER
9046	2 EA	[SPAN MT] 12" 1-WAY, 3-SECTION (RA,YA,GA) SIGNAL POLYCARBONATE (W/TETHER CLAMP) - BLACK FACE
9046	2 EA	[SPAN MT] 12" 1-WAY, 3-SECTION (R,Y,G) SIGNAL POLYCARBONATE (W/TETHER CLAMP) - BLACK FACE
9572	3 SF	SHEET ALUMINUM SIGNS TO CONSIST OF : - 1 EACH R10-5 SIGN (18 IN. x 24 IN.) - SPAN MOUNT

PHASE CHART

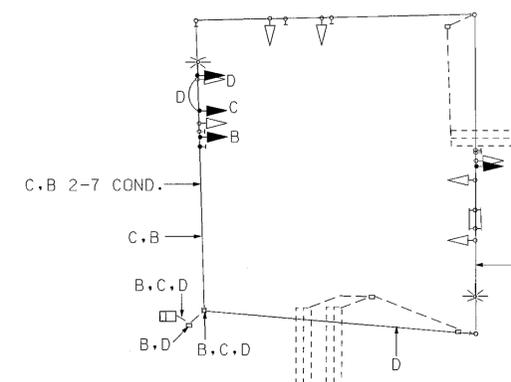
	1	2	3	4	5	6	7	8	
	R	R	←R-	←R-	R	R	R	R	
	Y	Y	←Y-	←Y-	Y	Y	Y	Y	
	G	G	←G-	←G-	G	G	G	G	
PHASE 2 & 5	R	R	←G-	←G-	G	G	R	R	←
2 & 5 CHANGE	R	R	←Y-	←Y-	G	G	R	R	←
PHASE 2 & 6	G	G	←R-	←R-	G	G	R	R	←
2 & 6 CHANGE	Y	Y	←R-	←R-	G	G	R	R	←
PHASE 4	R	R	←R-	←R-	Y	Y	G	G	←
4 CHANGE	R	R	←R-	←R-	R	R	Y	Y	←
FLASHING OPERATION	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	↑ ↓

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
-	-	"NONE"

WIRING DIAGRAM



MAINTENANCE OF TRAFFIC

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

- STANDARD NO. MD-104.00 - 104.00-30
- STANDARD NO. MD-104.37-01 (LEFT LANE CLOSURE)
- STANDARD NO. MD-104.38-01 (RIGHT LANE CLOSURE)
- STANDARD NO. MD-104.41-01 (INTERSECTION FAR-RIGHT LANE CLOSURE)
- STANDARD NO. MD-104.43-01 (SHOULDER WORK)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 321-2781/2785

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

MRS. SUENETTE POPE
DISTRICT UTILITY ENGINEER
PHONE: (410) 321-2841

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

WIRING LEGEND

- D - USE EXISTING CABLE
- B,C - 7 CONDUCTOR ELECTRICAL CABLE (# 14 AWG)

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 40 (PULASKI HIGHWAY) AT
MD 543 (RIVERSIDE PARKWAY)

DRAWN BY: G. C. PANCHOLI	F.A.P. NO.	TS NO. 3152	SHEET NO.
CHECKED BY: D. DODA	S.H.A. NO. SF-SIGNAL	T.I.M.S. NO.	2 OF 2
SCALE: 1" = 20'	COUNTY: HARFORD	F-423	
DATE: SEPTEMBER 10, 2002	LOG MILE: 12004008.51		