

PROJECT DESCRIPTION

GENERAL
 THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF I-97 OFF RAMP AND MD 162A/CROMWELL PARK DRIVE IN ANNE ARUNDEL COUNTY, MARYLAND. MD 162A 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 I-97 SB/MD 162A APPROACHES OPERATING CONCURRENTLY AND CROMWELL PARK DRIVE APPROACH OPERATING ALONE.

EXCLUSIVE LEFT-TURN PHASING EXISTS ON MD 162A APPROACH.

CONTROLLER REQUIREMENTS
 THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MS. KIMBERLY TRAN
 ASSISTANT DISTRICT ENGINEER - TRAFFIC
 PHONE: (410) 841-1003

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

MR. JOHN MAYS
 ASSISTANT DISTRICT ENGINEER - MAINTENANCE
 PHONE: (410) 841-1013

MR. MIKE HUBER
 DISTRICT UTILITY ENGINEER
 PHONE: (410) 841-1039

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-104.02-13 (INTERSECTION FLAGGING OPERATION)

STANDARD NO. MD-104.03-01 (SHOULDER WORK)

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

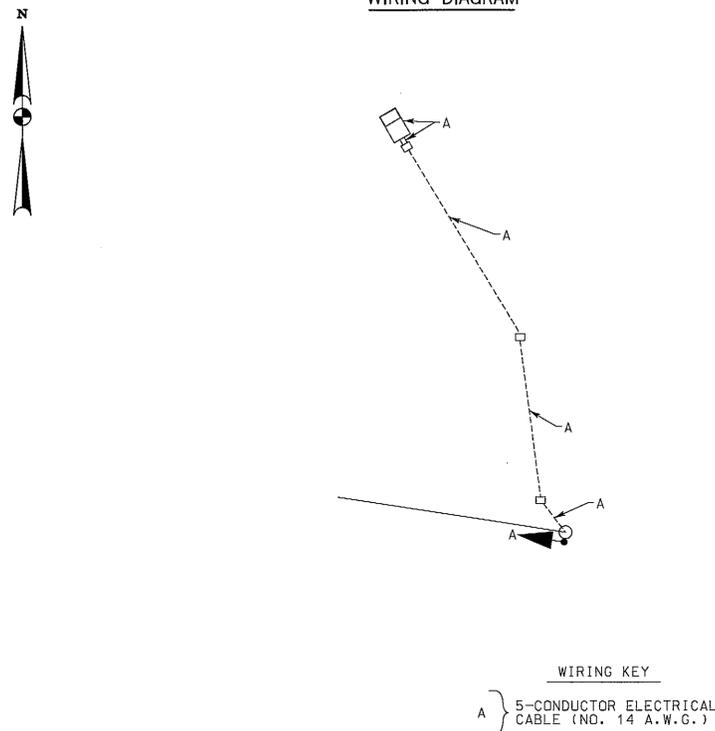
ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	9 EACH	12 INCH LED SIGNAL HEAD SECTION
8024	1 EACH	REMOVE & DISPOSE OF EQUIPMENT
8055	150 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PHASE 1 + 6	←G←	←G←	←G←	G	G	G	FLY	FLY	R	R	R	R	R	R
1 + 6 CHANGE	←Y←	←Y←	←Y←	G	G	G	DARK	DARK	R	R	R	R	R	R
PHASE 2 + 6	←R←	←R←	←R←	G	G	G	DARK	DARK	G	G	G	R	R	R
2 + 6 CHANGE	←R←	←R←	←R←	Y	Y	Y	FLY	FLY	Y	Y	Y	R	R	R
PHASE 4	←R←	←R←	←R←	R	R	R	FLY	FLY	R	R	R	R	R	R
4 CHANGE	←R←	←R←	←R←	R	R	R	FLY	FLY	R	R	R	R	R	R
FLASHING OPERATION	←FLR←	←FLR←	←FLR←	FLY	FLY	FLY	DARK	DARK	FLY	FLY	FLY	FLR	FLR	FLR

6A-8P FULL COLOR M-F, SAT. AND SUN.
 FLASHING OPERATION ALL OTHER TIMES

TOD NO: XY224-23
 SHA NO: AA114A53/C53
 I-97 SB off ramp @ MD 162A

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 I-97 SB OFF RAMP @ MD 162A/CROMWELL PARK DR
 (GLEN BURNIE, MD)

GENERAL INFORMATION SHEET

SCALE	NONE	DATE	OCTOBER 1, 2012	CONTRACT NO.	XY2245185
DESIGNED BY	J. RASMUSSEN	COUNTY	ANNE ARUNDEL		
DRAWN BY	J. RASMUSSEN	LOGMILE			
CHECKED BY	N. LEARY	TIMS NO.	L612		
F.A.P. NO.		TOD NO.			
TS NO.	3583C	DRAWING	TSP - 2	OF	2
SHEET NO.	2	OF	2		

BY: jrasmussen