

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF U.S. 40 (BALTIMORE NATIONAL PIKE) & INGLESIDE AVENUE. THIS PROJECT IS LOCATED IN BALTIMORE COUNTY, MARYLAND.

U.S. 40 (BALTIMORE NATIONAL PIKE) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL REMAIN THE SAME AT EACH INTERSECTION.

TYPICAL MESSAGES FOR ACCESSIBLE PED SIGNALS

U.S. 40 (BALTIMORE NATIONAL PIKE) AND INGLESIDE AVENUE

1. U.S. 40 (BALTIMORE NATIONAL PIKE) AND INGLESIDE AVENUE - WEST LEG
STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS BALTIMORE NATIONAL AT INGLESIDE, WAIT." *
WALK: RAPID TICK

2. INGLESIDE AVENUE AND U.S. 40 (BALTIMORE NATIONAL PIKE) - NORTH LEG
STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS INGLESIDE AT BALTIMORE NATIONAL, WAIT" *
WALK: RAPID TICK

3. INGLESIDE AVENUE AND U.S. 40 (BALTIMORE NATIONAL PIKE) - SOUTH LEG
STREETS AT 90 DEGREES

WAIT: "WAIT TO CROSS INGLESIDE AT BALTIMORE NATIONAL, WAIT" *
WALK: RAPID TICK

* MESSAGE USED IF DISTANCE FROM NEAREST PUSHBUTTON FOR PERPENDICULAR CROSSING IS < 10'
** MESSAGE USED IF CROSSWALK DIVERGES FROM OR CONVERGES WITH PARALLEL TRAFFIC

NOTE: MESSAGES FOR INTERSECTION CONFIGURATIONS, VARYING FROM THE ABOVE ARE TO BE APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NUMBER	QUANTITY	DESCRIPTION
9571	6 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF :
	- 2 EACH	R10-3(1) SIGN (9 IN. x 15 IN.) TO READ "PUSHBUTTON TO CROSS BALTIMORE NATIONAL PIKE"
	- 4 EACH	R10-3(1) SIGN (9 IN. x 15 IN.) TO READ "PUSHBUTTON TO CROSS INGLESIDE AVENUE"

EQUIPMENT LIST "C"

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

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-104.04-01 (SHOULDER WORK)	STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)	STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)	
STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)	

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
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ASSISTANT DISTRICT ENGINEER - MAINTENANCE
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DISTRICT UTILITY ENGINEER
PHONE: (410) 229-2341

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

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

EQUIPMENT LIST "B"

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

ITEM NUMBER	QUANTITY	DESCRIPTION
1001	115 L.F.	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH
2002	6 C.Y.	TEST PIT EXCAVATION
5005	120 L.F.	12 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
6005	65 S.F.	5 INCH CONCRETE SIDEWALK
8001	6 EACH	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION & SIGNS
8002	6 EACH	BREAKAWAY PEDESTAL POLE (ANY SIZE)
8003	1 EACH	FURNISH AND INSTALL 2 WIRE CENTRAL CONTROL UNIT
8007	1 EACH	REM & DISPOSE MAT & EQUIP PER ASSIGN
8012	190 L.F.	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8013	150 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8015	6 S.F.	INSTALL GROUND MOUNTED SIGN
8019	6 EACH	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
8020	1440 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 40 (Baltimore National Pike) and Ingleside Avenue
Catonsville, Maryland

GENERAL INFORMATION SHEET

SCALE	NONE	ADVERTISED DATE	10/06/2010	CONTRACT NO.	AX7045168
DESIGNED BY	S. Bloss	COUNTY	Baltimore		
DRAWN BY	S. Bloss	LOGMILE			
CHECKED BY	N. Leary	TIMS NO.			
F.A.P. NO.		TOD NO.			
TS NO.		DRAWING	TSP - 12	OF 12	SHEET NO. 12 OF 12

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
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BY: sbloss