

DRILL HOLES

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PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 132 (W. BEL AIR AVE.) AND MD 132A / BUSH CHAPEL RD. IN HARFORD COUNTY. THE WORK IS NECESSITATED BY THE CONSTRUCTION OF A SITE ACCESS ON THE SOUTHBOUND APPROACH OF MD 132A. MD 132 (W. BEL AIR AVE.) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE WITH A EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR THE SOUTHBOUND APPROACH OF MD 132A AND THE EASTBOUND APPROACH OF MD 132 (W. BEL AIR AVE.) THIS WILL NOT CHANGE

CONTROLLER REQUIREMENTS

THE EXISTING EIGHT-PHASE, FULLY-ACTUATED CONTROLLER HOUSED IN A BASE MOUNTED CABINET WILL BE USED.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

QUANTITY	DESCRIPTION
NONE	

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
LS	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT
1 EA	ELECTRICAL HANDHOLE
2 EA	ADJUST EXISTING HANDHOLE TO GRADE
10 LF	1 IN. DETECTOR SLEEVE FLEXIBLE, LIQUID-TIGHT CONDUIT
90 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
40 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
1 EA	MICRO-LOOP PROBE WITH LEAD-IN CABLE
1 EA	RELOCATE EXISTING SIGN AND SUPPORT

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MRS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 229-2381

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

MR. MICHAEL PASQUARIELLO
UTILITY ENGINEER
(410) 229-2341

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MS. CORREN JOHNSON
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676

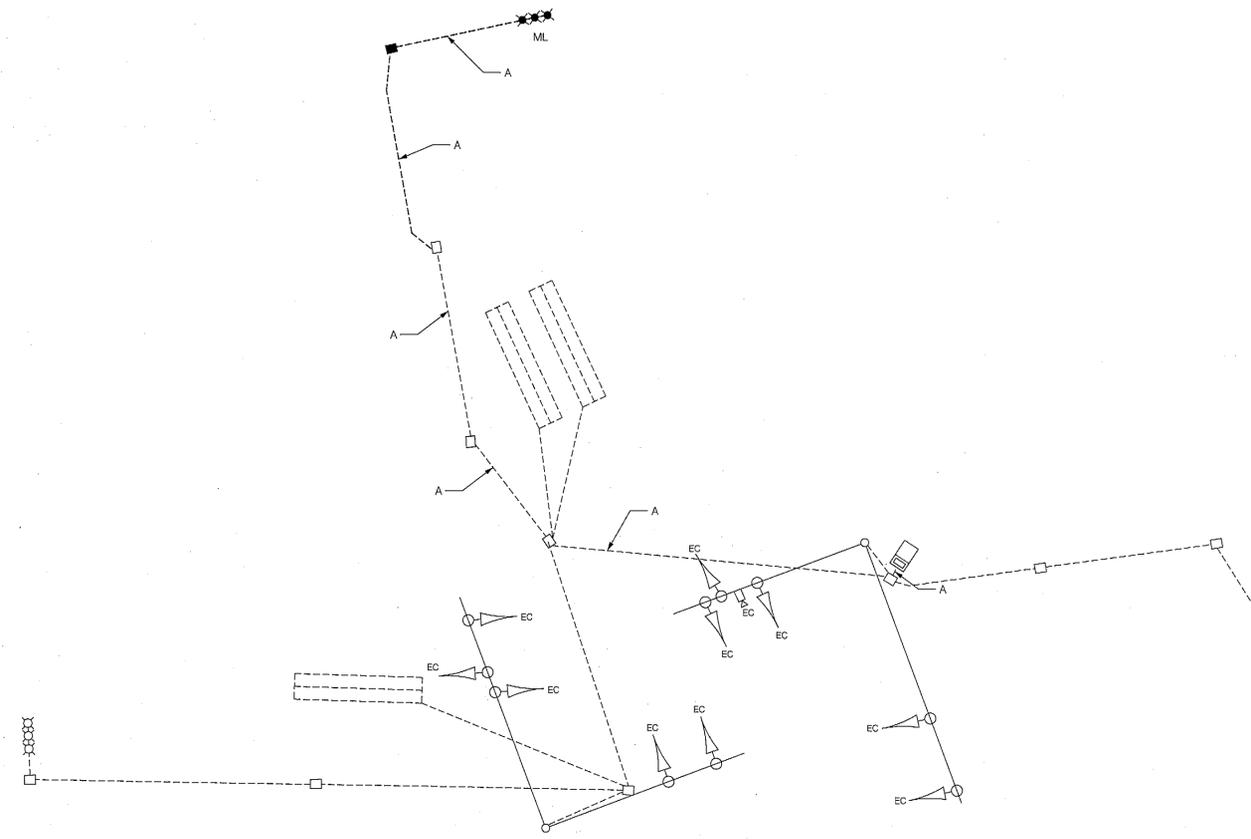
MR. MIKE STOCKER
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

MR. ED RODENHIZER
CHIEF - SIGNAL OPERATIONS SECTION
(410) 787-7652

PHASE CHART

	1	2	3	4	5	6	7	8	9	10
PHASE 1 & 6	←	←	G	R	R	R	R	R	R	R
1 CHANGE	←	←	Y	R	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	Y	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R
PHASE 4 & 7	R	R	R	R	R	R	R	←	←	←
7 CHANGE	R	R	R	R	R	R	R	←	←	←
PHASE 4 & 8	R	R	R	R	R	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y	Y
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLR	FLR	FLR	FLR	FLR

WIRING DIAGRAM



WIRING KEY
A MICRO-LOOP PROBE LEAD-IN
ML MICRO-LOOP PROBE

SHA TRACKING NO. 09-AP-HA-030-12

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 132 (WEST BEL AIR AVE.) AND
MD 132A / BUSH CHAPEL RD.
ABERDEEN, MARYLAND

GENERAL INFORMATION PLAN

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

SCALE	NONE	DATE	05-28-2013	CONTRACT NO.	BW998M82
DESIGNED BY	A.M.ROSEN	COUNTY	HARFORD		
DRAWN BY	T.ZAYDEL	LOGMILE	120132A0.00		
CHECKED BY	J.K.SCHMID	T.I.M.S. NO.	LS02		
F.A.P. NO.	NA	TOD NO.			

*PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 15283 EXPIRATION DATE 12/31/2015

FILE PATH: M:\2800\2881\SIGNAL\PS&E 5-29-13.dgn
DATE: Wednesday, May 29, 2013 AT 05:07 PM

M:2881

DRAWING NO. TS-3826 C GI SHEET NO. 2 OF 2