

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF NORTHBOUND MD 3 AND MD 175 IN ANNE ARUNDEL COUNTY. MD 3 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

THE WORK WILL CONSIST OF RELOCATING THE EXISTING "RED SIGNAL AHEAD" H.I.B. DUE TO WIDENING.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A THREE-PHASE, FULLY-ACTUATED MODE.

THIS OPERATION WILL NOT CHANGE. THE INTERSECTION CURRENTLY OPERATES WITH AN ADVANCE WARNING SIGN, "RED SIGNAL AHEAD".

SPECIAL CONSTRUCTION NOTE

THE RELOCATION OF THE "RED SIGNAL AHEAD" SIGN MUST BE PLACE IN FULL OPERATION WITHOUT ANY DELAY AND UTILIZING THE SAME LANE CLOSURE.

CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:

MRS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 841-1019

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

MR. JOE HORTY
ASSISTANT DISTRICT ENGINEER - UTILITIES
(410) 841-1039

CONTACTS FOR OFFICE OF TRAFFIC & SAFETY

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

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

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

MS. DARLENE EIDE
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
(410) 787-7652

EQUIPMENT LIST "A"

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

ITEM NO.	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
15 LF	3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT-TRENCHED
LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
1200 LF	7-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
5 CY	CONCRETE FOUNDATION
1 EA	21 FT. STEEL POLE WITH A 60 FT. MAST ARM
1 EA	3/4 IN. X 10 FT. GROUND ROD
1100 LF	BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
1 EA	RELOCATE EXISTING SIGN
1 EA	CUT, CLEAN, GALVANIZE, AND CAP MAST ARM

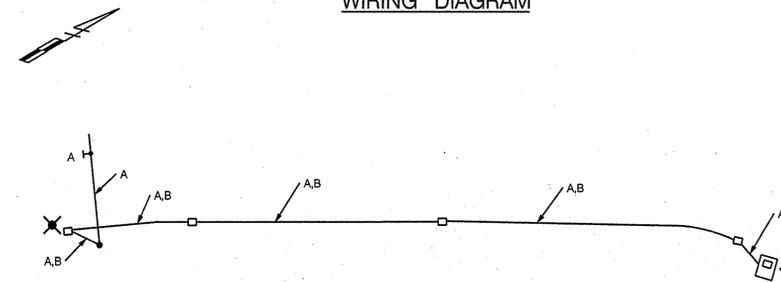
EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
	NONE	

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



WIRING KEY

A	7-CONDUCTOR ELECTRICAL CABLE (NO. 12 A.W.G.)
B	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
X	GROUND ROD

PHASING CHART

	1	2	3	4	5	6	7	8	9	14
	(R) (Y) (G)									
PHASE 2 INITIAL	G	G	G	R	R	R	R	R	R	FL\SA
PHASE 2	G	G	G	R	R	R	R	R	R	SA
PHASE 2 CLEAR	G	G	G	R	R	R	R	R	R	FL\RSA
2 CHANGE	Y	Y	Y	R	R	R	R	R	R	FL\RSA
PHASE 4 & 8	R	R	R	G	G	G	G	G	G	FL\RSA
4 & 8 CHANGE	R	R	R	Y	Y	Y	Y	Y	Y	FL\RSA
FLASHING OPERATION	FL\Y	FL\Y	FL\Y	FL\R	FL\R	FL\R	FL\R	FL\R	FL\R	SA

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN
NORTHBOUND MD 3 AND MD 175 /
MILLERSVILLE ROAD

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

SCALE	NONE	DATE	2-11-08	CONTRACT NO.	BW996M82
DESIGNED BY	T. ZAYDEL	COUNTY	ANNE ARUNDEL		
DRAWN BY	T. ZAYDEL	LOGMILE	02000305.72		
CHECKED BY	K. SCHMID	T.I.M.S. NO.	1-763		
F.A.P. NO.	N/A	TOD NO.			
DRAWING NO.	TS-180 H	SHEET NO.	2	OF	2