

DRILL HOLES

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**PROJECT DESCRIPTION**

THIS PROJECT INVOLVES A CHANGE IN LANE USE ALONG WESTBOUND MD 6 TO ALLOW TWO THROUGH LANES AT THE INTERSECTION OF MD 5 AND MD 6 IN ST. MARY'S COUNTY. THE WORK WILL CONSIST OF SIGNING AND PAVEMENT MARKING REVISIONS AS WELL AS CONDUIT AND HANDHOLE REPLACEMENT AT THE INTERSECTION OF MD 5 AND MD 6. MD 5 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

**INTERSECTION OPERATION**

THE INTERSECTION CURRENTLY OPERATES IN A NEMA FOUR-PHASE, FULLY-ACTUATED MODE WITH MD 5 APPROACHES RUNNING CONCURRENTLY. MD 6 APPROACHES ALSO RUNNING CONCURRENTLY. 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

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
LS	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT
9 EA	RELOCATE EXISTING GROUND MOUNTED SIGN AND SUPPORT
1150 LF	5 IN. HEAT APPLIED WHITE THERMOPLASTIC PAVEMENT MARKING
40 LF	10 IN. HEAT APPLIED WHITE THERMOPLASTIC PAVEMENT MARKING
475 LF	10 IN. HEAT APPLIED YELLOW THERMOPLASTIC PAVEMENT MARKING
80 LF	REMOVE EXISTING PAVEMENT MARKING
1 EA	REMOVE EXISTING PAVEMENT MARKING ARROW
1 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
1 EA	ELECTRICAL HANDHOLE
5 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
70 LF	WOOD SIGN SUPPORTS 4 IN. X 4 IN.
76 LF	WOOD SIGN SUPPORTS 4 IN. X 6 IN.
1 EA	SHIELD ASSEMBLY (24" X 61") - POLE MOUNT
1 EA	R3-6L (30" X 36") SIGN - MAST ARM MOUNT
1 EA	W9-2(4)L (30" X 42") SIGN - MAST ARM MOUNT
1 EA	W4-2 (48" X 48") SIGN - GROUND MOUNT
1 EA	W9-1R (48" X 48") SIGN - GROUND MOUNT
1 EA	W5-3(1) (30" X 18") SIGN - GROUND MOUNT
2 EA	OM1-(1) (18" X 18") SIGN - GROUND MOUNT
1 EA	RT-2 (36" X 36") SIGN - GROUND MOUNT
1 EA	M5-2(1) (21" X 15") SIGN - GROUND MOUNT

**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.

**CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:**

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

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

MR. MIKE HUBER  
UTILITY ENGINEER  
(410) 787-7639

**CONTACTS FOR OFFICE OF TRAFFIC AND 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

MR. MICHAEL 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	11	12
PHASE 2 & 6	G	G	G	G	R	R	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	R	R	R
PHASE 4 & 9	R	R	R	R	G	G	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	Y	Y	Y
PRE-EMPTION	G	G	R	R	R	R	R	R	R	R	R	R
CHANGE	Y	Y	R	R	R	R	R	R	R	R	R	R
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLR							

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

**SHA** STATE OF MARYLAND  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION  
**MD 5 AND MD 6**  
 CHARLOTTE HALL, MARYLAND

**GENERAL INFORMATION PLAN**

SCALE NONE DATE 6-10-10 CONTRACT NO. BW-996M82

DESIGNED BY T.ZAYDEL COUNTY ST. MARY'S  
 DRAWN BY J.K. SCHMID LOGMILE 18000545.49  
 CHECKED BY K. SCHMID T.J.M.S. NO. K-425  
 F.A.P. NO. NA TOD NO.

DRAWING NO. TS - 2572 F GI SHEET NO. 3 OF 3