DRILL HOLES

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PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 152 AND MD 7 IN HARFORD COUNTY. THE WORK IS NECESSITATED BY THE CONSTRUCTION OF AN ADDITIONAL LANE ON THE WESTBOUND APPROACH.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA EIGHT–PHASE, FULLY–TRAFFIC–ACTUATED MODE WITH AN EXCLUSIVE–PERMISSIVE LEFT TURN PHASE FOR N.B. & S.B. MD 152. THE SIDE STREET OPERATES WITH EXCLUSIVE–PERMISSIVE LEFT TURN PHASING FOR EASTBOUND & WESTBOUND MD 7 APPROACHES. THIS OPERATION WILL NOT CHANGE

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MR. ERIN KUHN
ASSISTANT DISTRICT ENGINEER – TRAFFIC
(410) 321–2781

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER – MAINTENANCE
(410) 321–2761

MR. MICHAEL PASQUARIELLO
ASSISTANT DISTRICT ENGINEER – UTILITIES
(410) 321–2841

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

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
40 LF	24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
1 EA	RELOCATE EXISTING SIGN
1 EA	FURNISH AND INSTALL VIDEO DETECTION CAMERA WITH 100 FT. LEAD IN
1 EA	SHIELD ASSEMBLY (30" x 87") – POLE MOUNT
1 EA	SHIELD ASSEMBLY (48" x 75") – POLE MOUNT
1 EA	R3–8 (MOD) SIGN (90"x36") POLE MOUNT
30 LF	4 IN. x 6 IN. WOOD SUPPORTS
LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT

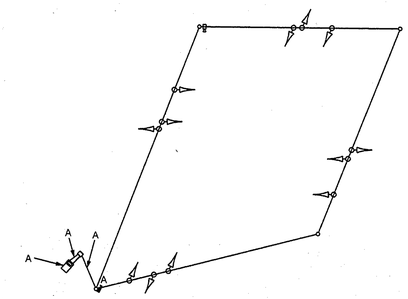
EQUIPMENT LIST "C"

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.

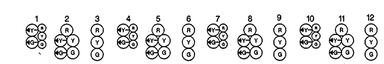
WIRING DIAGRAM



WIRING KEY

A VIDEO DETECTION CABLE

PHASING CHART



	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 & 5	R ←G–	R ←G–	R	R ←G–	R ←G–	R	R	R	R	R	R	R
5 CHANGE	PHASE 1 & 5 MAY CHANGE TO PHASE 1 & 6, 2 & 5, OR 2 & 6											
PHASE 1 & 6	G ←G–	G ←G–	G	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	G ←Y–	G ←Y–	G	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	G ←G–	G ←G–	G	R	R	R	R	R	R
5 CHANGE	R	R	R	G ←Y–	G ←Y–	G	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 3 & 7	R	R	R	R	R	R	R ←G–	R ←G–	R	R ←G–	R ←G–	R
3 & 7 CHANGE	PHASE 3 & 7 MAY CHANGE TO PHASE 3 & 8, 4 & 7, OR 4 & 8											
PHASE 3 & 8	R	R	R	R	R	R	R	R	R	G ←G–	G ←G–	G
3 & 8 CHANGE	R	R	R	R	R	R	R	R	R	G ←Y–	G ←Y–	G
PHASE 4 & 7	R	R	R	R	R	R	G ←G–	G ←G–	G	R	R	R
4 & 7 CHANGE	R	R	R	R	R	R	G ←Y–	G ←Y–	G	R	R	R
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR

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

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN

MD 152 (MOUNTAIN RD.) AND MD 7 (PHILADELPHIA RD.)

SCALE NONE DATE 6–16–08 CONTRACT NO. BW996M82

DESIGNED BY M. ROSEN
DRAWN BY M. ROSEN
CHECKED BY S. RENZI
F.A.P. NO. NA

COUNTY HARFORD
LOGMILE 12015202.97
T.I.M.S. NO. I–966
TOD NO.

DRAWING NO. TS–862E GI

SHEET NO. 2 OF 3

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DATE: Monday, June 16, 2008 AT 02:31 PM