DRILL HOLES

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MD 2 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

GENERAL

THIS PROJECT INVOLVES CONVERTING THE EXISTING EXCLUSIVE/ PERMISSIVE LEFT TURNS TO EXCLUSIVE LEFT TURNS FOR NORTHBOUND & SOUTHBOUND MD 3 BUSINESS. IT ALSO INVOLVES REPLACING ALL THE SIGNAL HEADS WITH LED HEADS.
MD 3 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

PHASE CHART

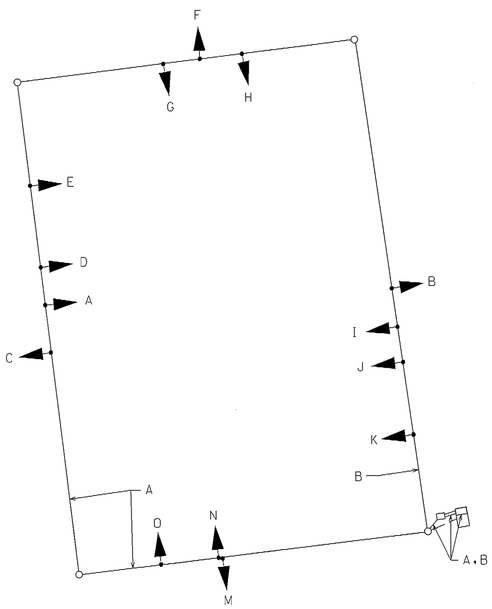
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	◁R- ◁Y- ◁G-	◁R- ◁Y- ◁G-	R Y G	R Y G	◁R- ◁Y- ◁G-	◁R- ◁Y- ◁G-	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G
PHASE 1 & 5	◀G-	◀G-	R	R	◀G-	◀G-	R	R	R	R	R	R	R	R
1 & 5 CHANGE	THE CONTROLLER MAY SKIP TO PHASES 1 & 6 OR 2 & 5 OR 2 & 6													
PHASE 1 & 6	◀R-	◀R-	R	R	◀G-	◀G-	G	G	R	R	R	R	R	R
1 CHANGE	◀R-	◀R-	R	R	◀Y-	◀Y-	G	G	R	R	R	R	R	R
PHASE 2 & 5	◀G-	◀G-	G	G	◀R-	◀R-	R	R	R	R	R	R	R	R
5 CHANGE	◀Y-	◀Y-	G	G	◀R-	◀R-	R	R	R	R	R	R	R	R
PHASE 2 & 6	◀R-	◀R-	G	G	◀R-	◀R-	G	G	R	R	R	R	R	R
2 & 6 CHANGE	◀R-	◀R-	Y	Y	◀R-	◀R-	Y	Y	R	R	R	R	R	R
PHASE 4 & 8	◀R-	◀R-	R	R	◀R-	◀R-	R	R	G	G	G	G	G	G
4 & 8 CHANGE	◀R-	◀R-	R	R	◀R-	◀R-	R	R	Y	Y	Y	Y	Y	Y
FLASHING OPERATION	FL/RA	FL/RA	FL/Y	FL/Y	FL/RA	FL/RA	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

FIRE HOUSE PRE-EMPTION PHASE 04

FIRE HOUSE PRE-EMPTION PHASE 04	◀R-	◀R-	R	R	◀R-	◀R-	R	R	R	R	R	G	G	G
PRE-EMPTION CLEARANCE	◀R-	◀R-	R	R	◀R-	◀R-	R	R	R	R	R	Y	Y	Y
PHASE 2 & 6 NORMAL OPERATION	◀R-	◀R-	G	G	◀R-	◀R-	G	G	R	R	R	R	R	R

WIRING DIAGRAM

A-B = 7-CONDUCTOR CABLE (NO. 14 AWG)
C-O = USE THE EXISTING CABLE



NOT TO SCALE

EQUIPMENT LIST:

A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
	42 S.F.	2 EACH R3-5 (L) SIGN, (LEFT TURN ARROW (ONLY)), 30" x 36", SPAN MOUNTED HARDWARE
		2 EACH R10-10(L) SIGN, (LEFT TURN SIGNAL), 30' x 36", SPAN MOUNTED HARDWARE
		2 EACH D-3(1) SIGN, "Crain HWY", 16" x Variable, DUAL FACED, SPAN MOUNTED HARDWARE

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5005	155 L.F.	F & I 24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
8001	42 EACH	F & I 12" BLACK FACED LED SIGNAL HEAD SECTION
8004	6 EACH	F & I 8" BLACK FACED LED SIGNAL HEAD SECTION
8023	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8040	42 S.F.	INSTALL OVERHEAD SIGN
8056	315 L.F.	F & I ELECTRICAL CABLE - 7-CONDUCTOR (NO. 14 AWG)

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

ITEM NO.	QUANTITY	DESCRIPTION

ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MS. KIMBERLY TRAN
ASSISTANT DISTRICT ENGINEER- TRAFFIC
PHONE: (410) 841-1019

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

MR. MIKE HUBER
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (410) 841-1039

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

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

MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION
PHONE: (410) 787-7652

TOD NO: XX647-05
SHA NO: AA127B52
MD 3 Bus. @ Hiddenbrook Drive/Entrance to Firehouse #26

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 3 BUSINESS (CRAIN HIGHWAY) AND HIDDEN BROOK DRIVE/ ENTRANCE TO FIREHOUSE #26
GLEN BURNIE, MARYLAND

SCALE NONE DATE 07/01/2011 CONTRACT NO. XX6475185

DESIGNED BY: William Malcolm
DRAWN BY: William Malcolm
CHECKED BY:
F.A.P. NO.:
COUNTY: ANNE ARUNDEL
LOGMILE: 0200000201.36
TIMS NO.: K754
TOD NO.:

DRAWING NO. 1549C - OF

SHEET NO. 2 OF 2