DRILL HOLES

BORDER REV. DATE: FEB 7, 2012

DRILL HOLES

DRILL HOLES

BY: swilkening

## ③

MD 7A (REVOLUTION ST) AND OLD BAY LN
TS NO. 2047C
LOGMILE 12A0700.22

### PHASING CHART

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| | 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 2 AND 6 | G | G | G | G | G | R | R | R |
| 2 AND 6 CHANGE | Y | Y | Y | Y | Y | R | R | R |
| PHASE 4 | R | R | R | R | R | G | G | G |
| 4 CHANGE | R | R | R | R | R | Y | Y | Y |
| FLASHING OPERATION | FL/Y | FL/Y | FL/Y | FL/Y | FL/Y | FL/R | FL/R | FL/R |

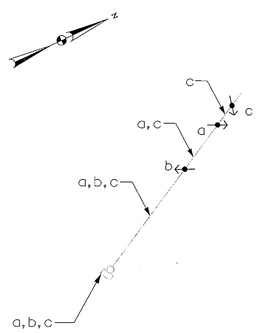
EMERGENCY PRE-EMPTION 1+2

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| EMERGENCY PRE-EMPTION 1 AND 2 | G | G | G | G | G | R | R | R |
| PRE-EMPTION CLEARANCE | Y | Y | Y | Y | Y | R | R | R |
| PHASE 2 AND 6 NORMAL OPERATION | G | G | G | G | G | R | R | R |

EMERGENCY PRE-EMPTION 3

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| EMERGENCY PRE-EMPTION 3 | R | R | R | R | R | G | G | G |
| PRE-EMPTION CLEARANCE | R | R | R | R | R | Y | Y | Y |
| PHASE 4 NORMAL OPERATION | R | R | R | R | R | G | G | G |

### WIRING DIAGRAM




### WIRING KEY

a, b, c } 4-CONDUCTOR OPTICOM DETECTOR CABLE

## ④

MD 7 (UNION AVE) AND CONGRESS AVE
TS NO. 603B
LOGMILE 12A00701.74

### PHASING CHART

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G | Ped 1 2 | Ped 1 2 | Ped 1 2 | Ped 1 2 | Ped 1 2 | Ped 1 2 | Ped 1 2 | Ped 1 2 |
| PHASE 2 AND 6 | G | G | G | G | R | R | R | R | WK | WK | WK | WK | DW | DW | DW | DW |
| PED CLEAR /COUNTDOWN | G | G | G | G | R | R | R | R | FL/DW | FL/DW | FL/DW | FL/DW | DW | DW | DW | DW |
| 2 AND 6 CHANGE | Y | Y | Y | Y | R | R | R | R | DW | DW | DW | DW | DW | DW | DW | DW |
| PHASE 4 AND 8 | R | R | R | R | G | G | G | G | DW | DW | DW | DW | DW | DW | DW | DW |
| 4 AND 8 CHANGE | R | R | R | R | Y | Y | Y | Y | DW | DW | DW | DW | DW | DW | DW | DW |
| PHASE 4 AND 8 ALT | R | R | R | R | G | G | G | G | DW | DW | WK | WK | WK | WK | WK | WK |
| PED CLEAR /COUNTDOWN | R | R | R | R | G | G | G | G | DW | DW | DW | DW | FL/DW | FL/DW | FL/DW | FL/DW |
| 4 AND 8 ALT. CHANGE | R | R | R | R | Y | Y | Y | Y | DW | DW | DW | DW | DW | DW | DW | DW |
| FLASHING OPERATION | FL/Y | FL/Y | FL/Y | FL/Y | FL/R | FL/R | FL/R | FL/R | DARK | DARK | DARK | DARK | DARK | DARK | DARK | DARK |

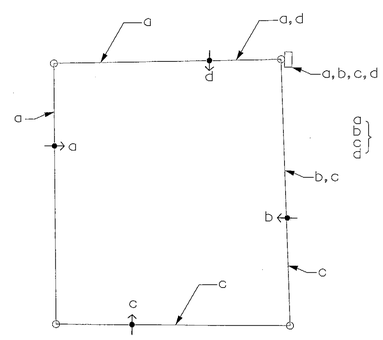
EMERGENCY PRE-EMPTION 1+2

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EMERGENCY PRE-EMPTION 1 AND 2 | G | G | G | G | R | R | R | R | DW | DW | DW | DW | DW | DW | DW | DW |
| PRE-EMPTION CLEARANCE | Y | Y | Y | Y | R | R | R | R | DW | DW | DW | DW | DW | DW | DW | DW |
| PHASE 2 AND 6 NORMAL OPERATION | G | G | G | G | R | R | R | R | DW | DW | DW | DW | DW | DW | DW | DW |

EMERGENCY PRE-EMPTION 3+4

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EMERGENCY PRE-EMPTION 3 AND 4 | R | R | R | R | G | G | G | G | DW | DW | DW | DW | DW | DW | DW | DW |
| PRE-EMPTION CLEARANCE | R | R | R | R | Y | Y | Y | Y | DW | DW | DW | DW | DW | DW | DW | DW |
| PHASE 4 AND 8 NORMAL OPERATION | R | R | R | R | G | G | G | G | DW | DW | DW | DW | DW | DW | DW | DW |

### WIRING DIAGRAM




### WIRING KEY

a, b, c } 4-CONDUCTOR OPTICOM DETECTOR CABLE

## ⑤

MD 155 (LEVEL RD) AND BULLE ROCK PKWY
TS NO. 4588A
LOGMILE 12015506.93

### PHASING CHART

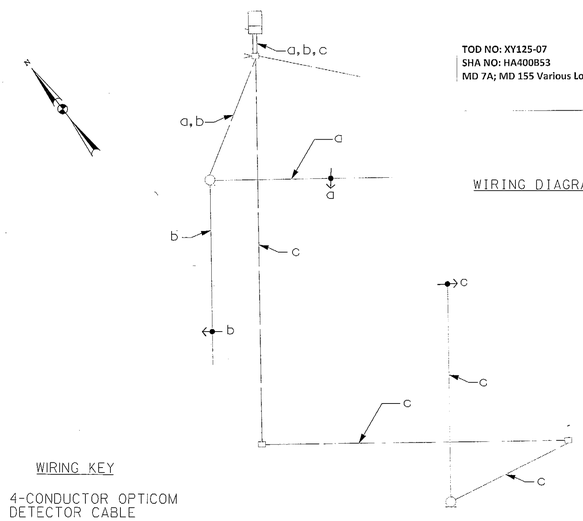
| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| | R Y G | R Y G | R Y G | R Y G | R Y G | R Y G |
| PHASE 2 AND 6 | G | G | G | G | R | R |
| 2 AND 6 CHANGE | Y | Y | Y | Y | R | R |
| PHASE 4 | R | R | R | R | G | G |
| 4 CHANGE | R | R | R | R | Y | Y |
| FLASHING OPERATION | FL/Y | FL/Y | FL/Y | FL/Y | FL/R | FL/R |

EMERGENCY PRE-EMPTION 1+2

| | | | | | | |
|---|---|---|---|---|---|---|
| EMERGENCY PRE-EMPTION 1 AND 2 | G | G | G | G | R | R |
| PRE-EMPTION CLEARANCE | Y | Y | Y | Y | R | R |
| PHASE 2 AND 6 NORMAL OPERATION | G | G | G | G | R | R |

EMERGENCY PRE-EMPTION 3

| | | | | | | |
|---|---|---|---|---|---|---|
| EMERGENCY PRE-EMPTION 3 | R | R | R | R | G | G |
| PRE-EMPTION CLEARANCE | R | R | R | R | Y | Y |
| PHASE 4 NORMAL OPERATION | R | R | R | R | G | G |




TOD NO: XY125-07
SHA NO: HA400B53
MD 7A; MD 155 Various Locations

### WIRING DIAGRAM

### WIRING KEY

a, b, c } 4-CONDUCTOR OPTICOM DETECTOR CABLE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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

# MD 7A, MD 7 AND MD 155 INTERSECTIONS

HAVRE DE GRACE, MARYLAND

## GENERAL INFORMATION SHEET

SCALE 1" = 20' DATE 5 /07 /2012 CONTRACT NO. XY1255185

DESIGNED BY S. SALEM OF T3 COUNTY HARFORD
DRAWN BY J. SMITH OF T3 LOGMILE
CHECKED BY A. MORRIS OF T3 T.I.M.S. NO. L154
F.A.P. NO. TOD NO.

TS NO. | DRAWING TSP – 7 OF 7 | SHEET NO. 7 OF 7

PLOTTED: Monday, May 07, 2012 AT 02:05 PM
FILE: Y:\12-0277-199 Opticom 5 signals\CADD\07-GI01_Intersections 3-5.dgn