PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF OPTICOM DETECTORS ALONG MD 6 AT PENNS HILL ROAD/WHEATLEY ROAD AND OLIVERS SHOP ROAD/TRINITY CHURCH ROAD INTERSECTIONS. MD 6 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION OPERATIONS WILL REMAIN THE SAME EXCEPT FOR THE INSTALLATION OF AN EMERGENCY PRE-EMPT PHASE.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONROLLER WILL BE USED AT EACH INTERSECTION.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)

STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA 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
DISTRICT UTILITY ENGINEER
PHONE: (301) 624-8115

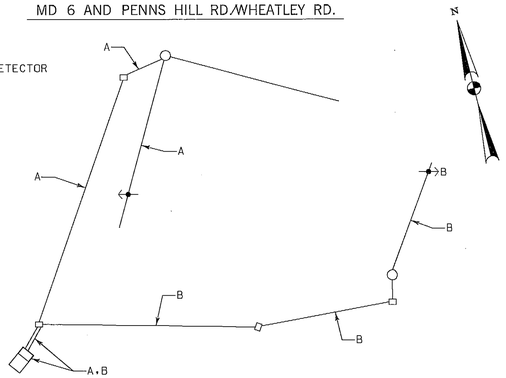
MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

WIRING DIAGRAM

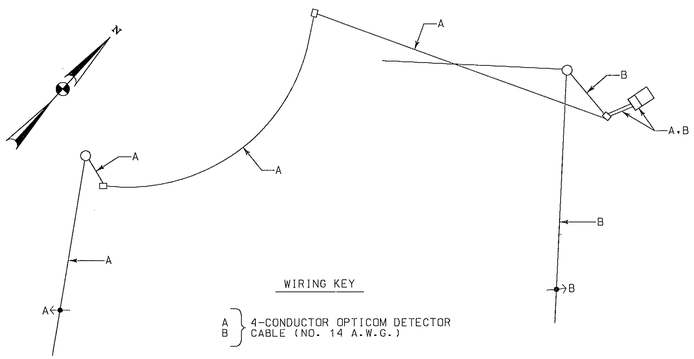
MD 6 AND PENNS HILL RD/WHEATLEY RD.

WIRING KEY

A, B } 4-CONDUCTOR OPTICOM DETECTOR CABLE (NO. 14 A.W.G.)



MD 6 AND OLIVERS SHOP RD/TRINITY CHURCH RD.



WIRING KEY

A, B } 4-CONDUCTOR OPTICOM DETECTOR CABLE (NO. 14 A.W.G.)

EQUIPMENT LIST "A"

NO EQUIPMENT TO BE SUPPLIED BY SHA

EQUIPMENT LIST "C"

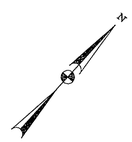
NO EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

PHASE CHART

MD 6 AND PENNS HILL RD/WHEATLEY RD.

	1	2	3	4	5	6	7	8	9	10	11	12
	Y	Y	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 2 + 6	FL/Y	FL/Y	G	G	G	G	R	R	R	R	R	R
2 + 6 CHANGE	FL/Y	FL/Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 4 + 8	FL/Y	FL/Y	R	R	R	R	G	G	G	G	G	G
4 + 8 CHANGE	FL/Y	FL/Y	R	R	R	R	Y	Y	Y	Y	Y	Y
EMERGENCY PRE-EMPTION 1 & 2	FL/Y	FL/Y	G	G	G	G	R	R	R	R	R	R
	FL/Y	FL/Y	Y	Y	Y	Y	R	R	R	R	R	R
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

MD 6 AND OLIVERS SHOP RD/TRINITY CHURCH RD.



	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	R Y G	R Y G	R Y G	Y	Y	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 2 + 6	G	G	G	FL/Y	FL/Y	G	G	G	R	R	R	R	R	R
2 + 6 CHANGE	Y	Y	Y	FL/Y	FL/Y	Y	Y	Y	R	R	R	R	R	R
PHASE 4 + 8	R	R	R	FL/Y	FL/Y	R	R	R	G	G	G	G	G	G
4 + 8 CHANGE	R	R	R	FL/Y	FL/Y	R	R	R	Y	Y	Y	Y	Y	Y
EMERGENCY PRE-EMPTION 1 & 2	G	G	G	FL/Y	FL/Y	G	G	G	R	R	R	R	R	R
	Y	Y	Y	FL/Y	FL/Y	Y	Y	Y	R	R	R	R	R	R
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5001	100 L.F.	5 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
8005	2 EACH	3M OPTICOM #764 DISCRIMINATOR MODULE
8023	860 L.F.	4 CONDUCTOR OPTICOM DETECTOR CABLE
8049	4 EACH	OPTICOM NO. 721 DETECTOR EYE

TOD No: XX448-59
SHA No: CH351A56/B56
MD 6 @ Penns Hill Rd/Wheatley Rd/Olivers Shop Rd/Trinity Church Rd

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 6 (Charles Street) Signals

WR&A

WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

GENERAL INFORMATION SHEET

SCALE NONE ADVERTISED DATE 3/20/2009 CONTRACT NO. XX4485185

DESIGNED BY S. Bloss
DRAWN BY S. Bloss
CHECKED BY N. Leary
F.A.P. NO. SEE TITLE SHEET

COUNTY Charles
LOGMILE
TIMS NO. J651
TOD NO.

TS NO. | DRAWING **TSP - 3** OF 3 | SHEET NO. 3 OF 3

PLOTTED: 03-23-2009
FILE: n:\31497-322\CADD\pSG-N003_J651.dgn

BY: sbloss