

DRILL HOLES
 BORDER REV. DATE: March 27, 2007
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 BY: Aaron Hottenstein Division: P068 Highway TrafficGMA Emp

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES INSTALLING EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT FOR THE SOUTHBOUND MD 261 (BAYSIDE ROAD) APPROACH AT MEARS AVE./HARBOR ROAD IN CALVERT COUNTY. MD 261 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA FIVE-PHASE, FULLY ACTUATED MODE WITH EXCLUSIVE/PERMISSIVE LEFT-TURN PHASING FOR SOUTHBOUND MD 261. THE NORTHBOUND AND SOUTHBOUND APPROACHES OPERATE CONCURRENTLY.

III. SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOW:

DISTRICT	OFFICE OF TRAFFIC AND SAFETY
MR. MIKE HUBER UTILITY ENGINEER 410-841-1039	MR. RICHARD DAFF SR. CHIEF, TRAFFIC OPERATIONS 410-787-7630
MS. KIMBERLY TRAN ASSISTANT DISTRICT ENGINEER - TRAFFIC 410-841-1019	MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS 410-787-7630
MR. JAMES FOLDEN ASSISTANT DISTRICT ENGINEER - CONSTRUCTION 410-841-1031	MR. ED RODENHIZER TEAM LEADER SIGNAL OPERATIONS 410-787-7650
MR. JOHN S. MAYS ASSISTANT DISTRICT ENGINEER - MAINTENANCE 410-841-1013	MR. MIKE STOCKER SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE) 410-787-7668

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.03-09, 104.03-11, 104.03-13.

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

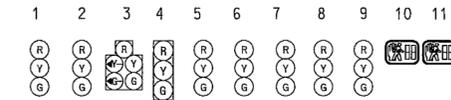
NONE

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

ITEM NO./ CAT CODE	QUANTITY		DESCRIPTION
1003	1	EA	MAINTENANCE OF TRAFFIC
8047	1	EA	DISCRIMINATOR MODULE, 4 CHANNEL, NO.764
8049	1	EA	OPTICOM NO. 721 DETECTOR EYE
8051	170	LF	FURNISH AND INSTALL 4 CONDUCTOR OPTICOM CABLE

C. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

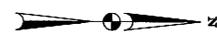
PHASE CHART



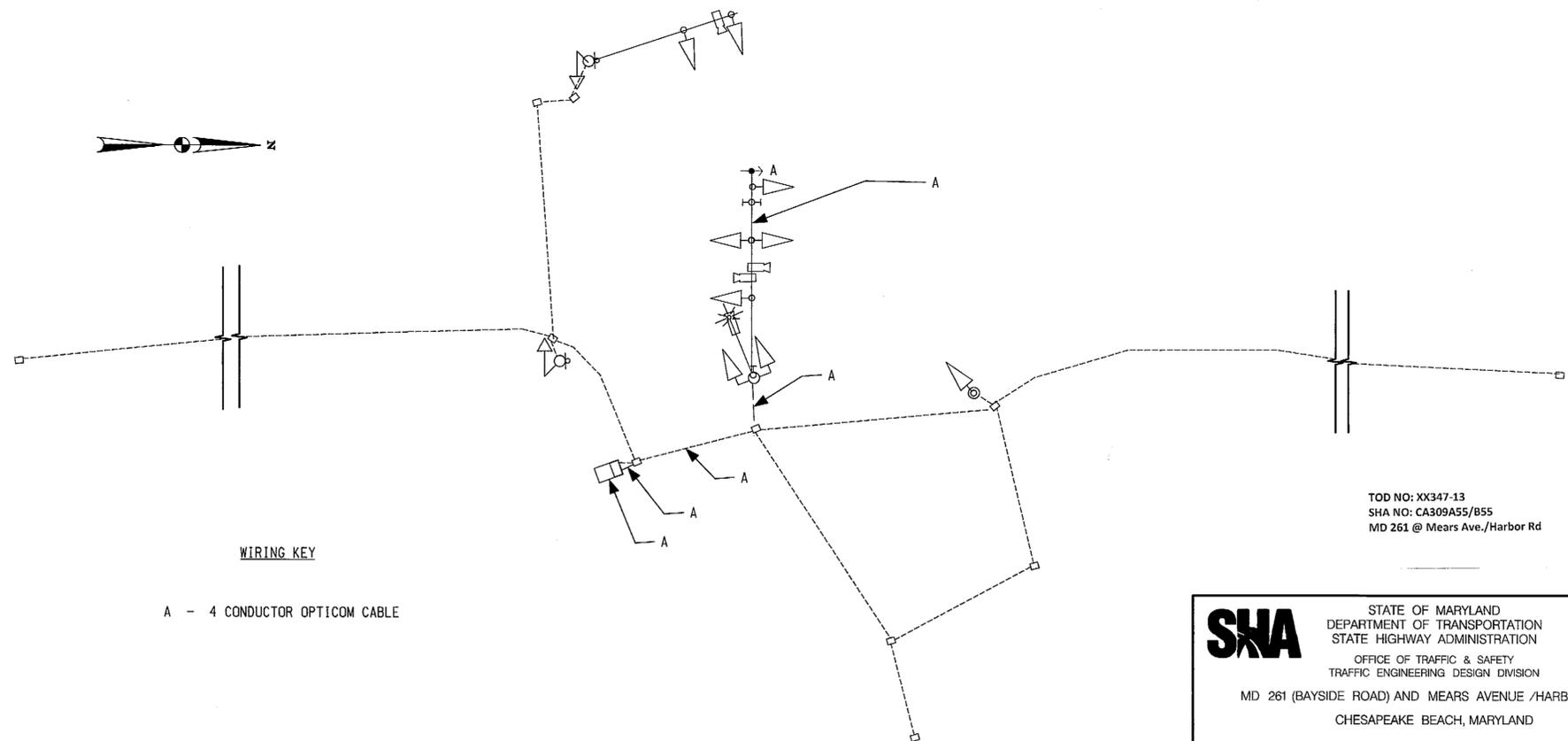
PHASE 2 AND 5	R	R	G/G	G	R	R	R	R	R	DW	DW	
PHASE 2 AND 5 COULD CHANGE TO 2 AND 6												
PHASE 2 AND 6	G	G	G	G	R	R	R	R	R	DW	DW	
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	R	DW	DW	
PHASE 4 AND 8	R	R	R	R	G	G	G	G	G	DW	DW	
4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	
PHASE 4 ALT.	R	R	R	R	G	G	G	G	G	WK	WK	
PEDESTRIAN CLEARANCE	R	R	R	R	G	G	G	G	G	FDW	FDW	
4 ALT. CHANGE	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	
FLASHING OPERATION	F/Y	F/Y	F/Y	F/Y	F/R	F/R	F/R	F/R	F/R	DARK	DARK	

PRE-EMPTION

PHASE 2 AND 6 PRE-EMPTION	G	G	G	G	R	R	R	R	R	DW	DW	
PRE-EMPTION CHANGE	Y	Y	Y	Y	R	R	R	R	R	DW	DW	



WIRING DIAGRAM



WIRING KEY

A - 4 CONDUCTOR OPTICOM CABLE

TOD NO: XX347-13
SHA NO: CA309A55/B55
MD 261 @ Mears Ave./Harbor Rd

KCI TECHNOLOGIES
 ENGINEERS
 PLANNERS
 SCIENTISTS
 CONSTRUCTION MANAGERS
 936 RIDGEBROOK ROAD
 SPARKS, MARYLAND 21152
 TELEPHONE: (410) 316-7800
 FAX: (410) 316-7818

REVISIONS		GENERAL INFORMATION SHEET	
SCALE	N.T.S.	DATE	11/2011
CONTRACT NO.	XX3475185	DESIGNED BY	A.M.H.
COUNTY	CALVERT	DRAWN BY	A.F.
LOGMILE	04026105.66	CHECKED BY	J.F.L.
TIMS NO.	1079	F.A.P. NO.	
TOD NO.		TS NO.	3328 E
DRAWING	SG-2	OF	2
SHEET NO.	2	OF	2

PLOTTED: 10:05 PM on Wednesday, November 02, 2011
FILE: M:\2009\01090819.37\drawings\SG-N000_MD261.dgn