

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 2 AND HAMMONDS LANE / WALTON AVE. IN ANNE ARUNDEL COUNTY. THE MODIFICATION IS NECESSITATED BY THE CONSTRUCTION OF AN EASTBOUND LEFT TURN LANE ON HAMMONDS LANE. THIS WILL INCLUDE THE INSTALLATION OF NEW VEHICAL DETECTORS. MD 2 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA SIX-PHASE, SEMI-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR NORTH AND SOUTHBOUND MD 2 AND SPLIT PHASING FOR THE SIDE STREETS. FIRE PRE-EMPTION CURRENTLY EXISTIS FOR THE SOUTHBOUND MD 2 APPROACH. CONCURRENT PEDESTRIAN PHASES EXIST ACROSS THE EAST AND WEST APPROACHES AND ACUATED PEDESTRIAN PHASES FOR THE NORTH AND SOUTH APPROACHES. THIS MODIFICATION WILL NOT ALTER CURRENT INTERSECTION OPERATION

NOTE: THE INTERSECTION CURRENTLY OPERATES IN A TRAFFIC SIGNAL SYSTEM.

CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:

MRS. KIM TRAN ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 841-1003
 MR. JOHN MAYS ASSISTANT DISTRICT ENGINEER - MAINTENANCE (410) 841-1002

MR. JOE HORTY UTILITY ENGINEER (410) 841-1005

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR. CHIEF, TRAFFIC OPERATIONS (410) 787-7630
 MR. EUGENE BAILEY CHIEF, SIGN OPERATIONS (410) 787-7676

MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631
 MS. DARLENE EIDE SUPPLY OFFICE CHIEF, SIGNAL SHOP WAREHOUSE (410) 787-7668

MR. ED RODENHIZER CHIEF - SIGNAL OPERATIONS SECTION (410) 787-7652

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

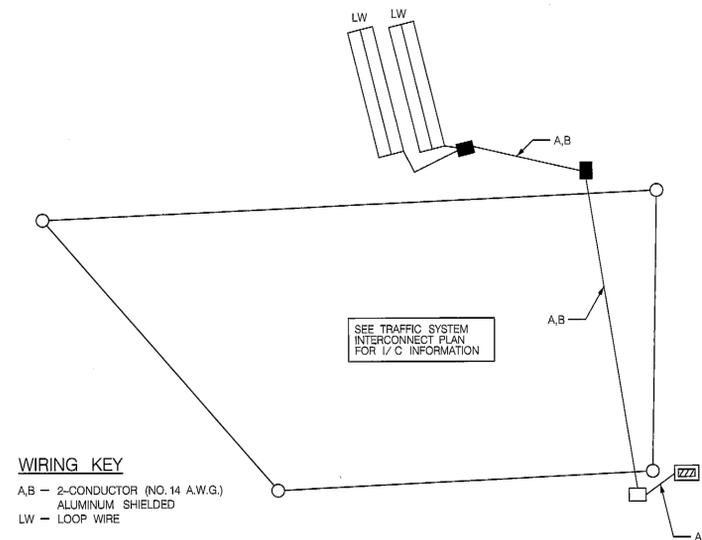
ITEM NO.	QUANTITY	DESCRIPTION
	NONE	

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
LS	MOBILIZATION
60 LF	24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
220 LF	SAW CUT FOR LOOP DETECTORS
1 EA	R3-SL SHEET ALUMINUM SIGN (30" x 36")
840 LF	1-CONDUCTOR (NO. 14 AWG) FLEXIBLE PVC TUBING - LOOP WIRE
1 EA	ECONOLITE SOLO COMMUNICATIONS PANEL
1 EA	ECONOLITE MINI-HUB
8 LF	1 IN. FLEXIBLE STEEL LIQUID TYPE CONDUIT FOR DETECTOR LEAD-IN
300 LF	2-CONDUCTOR (NO. 14 AWG) ALUMINUM SHIELDED CABLE
2 EA	ELECTRICAL HANDHOLE
130 LF	4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED

WIRING DIAGRAM



PHASING CHART

PHASING DOES NOT CHANGE

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 2 AND HAMMONDS LANE / WALTON AVE
 GLEN BURNIE, MARYLAND

TRAFFIC CONCEPTS, INC.

GENERAL INFORMATION PLAN

SCALE	NONE	DATE	1-30-09	CONTRACT NO.	BW996M82
DESIGNED BY	T. ZAYDEL	COUNTY	ANNE ARUNDEL		
DRAWN BY	M. ROSEN	LOGMILE	02000240.11		
CHECKED BY	S. RENZI	T.I.M.S. NO.	J-408		
F.A.P. NO.	NA	TOD NO.			
DRAWING NO.	TS-786 GI	SHEET NO.	5	OF	5

325 Gambrills Road
 Suite B
 Gambrills, MD 21054
 (410) 923-7101
 FAX: (410) 923-6473
 TRAFFIC@TRAFFIC-CONCEPTS.COM

FILE PATH: M:\1100\1150\SIGNALS\DCN\MD2&CEDARHILL.dgn
 DATE: Friday, February 06, 2009 AT 03:51 PM

