

Block Rev. Date: March 27, 2007

PROJECT DESCRIPTION
 THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 198 AND OLD ANNAPOLIS ROAD / WHISKEY BOTTOM ROAD IN ANNE ARUNDEL COUNTY. THE WORK IS NECESSITATED BY THE CONSTRUCTION OF AN ADDITIONAL NORTHBOUND LANE ON OLD ANNAPOLIS ROAD. MD 198 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION
 MD 198 AND OLD ANNAPOLIS ROAD / WHISKEY BOTTOM ROAD CURRENTLY OPERATES IN A NEMA SIX-PHASE, FULLY-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE LEFT TURN PHASES FOR MD 198 AND CONCURRENT SIDE STREET PHASING. AN ALTERNATE PEDESTRIAN PHASE FOR THE WEST LEG OF MD 198 AND CONCURRENT PEDESTRIAN PHASES FOR THE NORTH AND SOUTH LEGS OF THE INTERSECTION EXIST. THIS WILL NOT CHANGE.

CONTROLLER REQUIREMENTS
 THE EXISTING EIGHT-PHASE, FULLY-ACTUATED CONTROLLER HOUSED IN A BASE MOUNTED CABINET WILL BE USED.

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

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
1710 LF	4 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
270 LF	12 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
70 LF	24 IN. HEAT APPLIED WHITE THERMOPLASTIC PAVEMENT MARKING
16 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LETTER
8 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
135 LF	1 IN. DETECTOR SLEEVE FLEXIBLE, LIQUID-TIGHT CONDUIT
LS	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT
70 LF	WOOD SIGN SUPPORTS 4 IN. X 4 IN.
2070 LF	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 A.W.G.)
585 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)
1 EA	R3-5R (30" X 36") SIGN - SPAN WIRE MOUNT
2 EA	R3-8b (48" X 30") SIGN - WOOD POST MOUNT

EQUIPMENT LIST "C"
 C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

QUANTITY	DESCRIPTION
NONE	

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

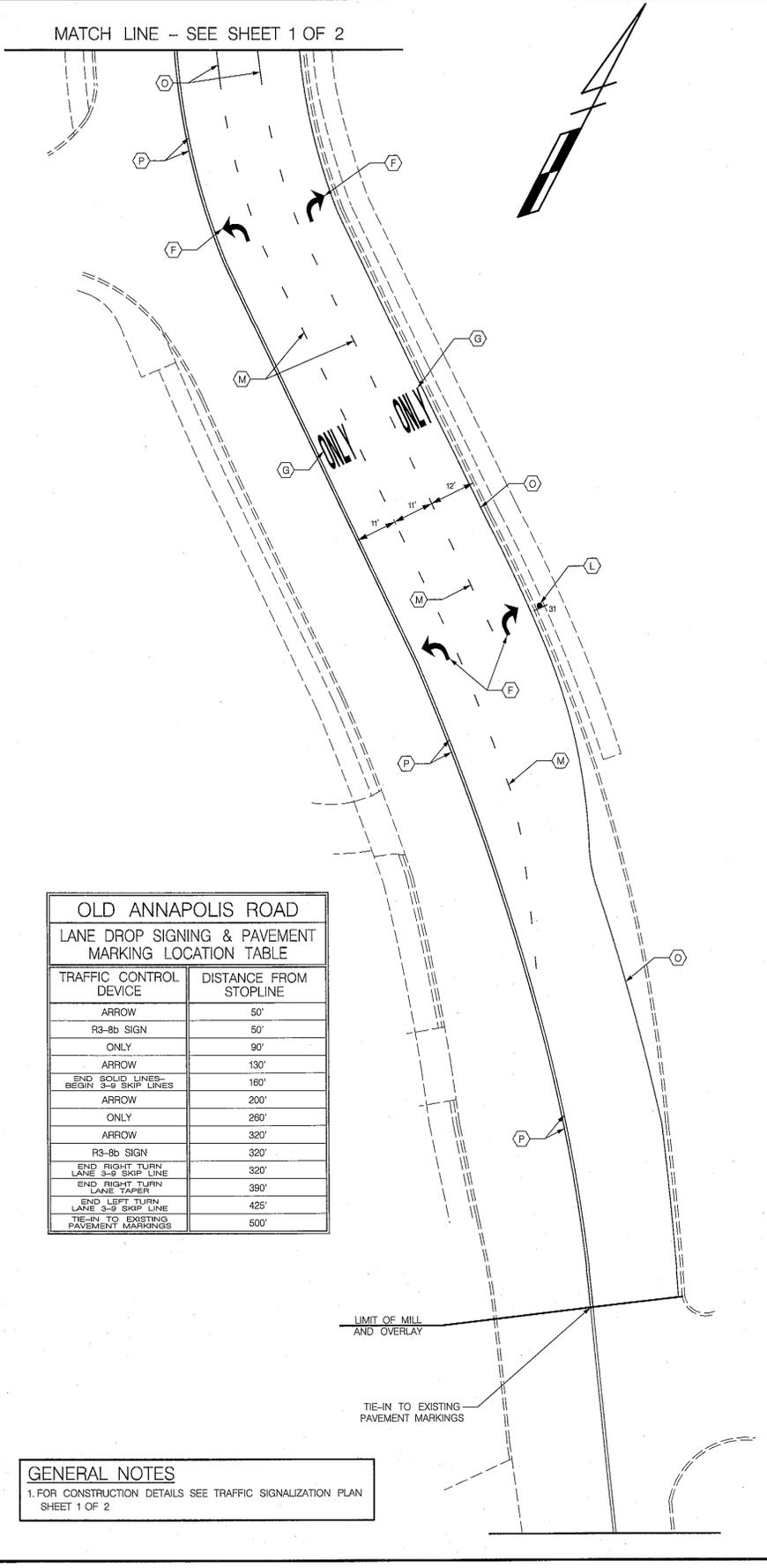
CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:

MRS. KIM TRAN ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 841-1003	MR. JOE GECKLE ASSISTANT DISTRICT ENGINEER - MAINTENANCE (410) 841-1002
MR. MIKE HUBER UTILITY ENGINEER (410) 841-1005	

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MS. CORREN JOHNSON CHIEF, TRAFFIC OPERATIONS (410) 787-7630	MR. EUGENE BAILEY TEAM LEADER SIGN OPERATIONS (410) 787-7676
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631	MR. MIKE STOCKER SUPPLY OFFICE SIGNAL SHOP WAREHOUSE (410) 787-7668
MR. ED RODENHIZER CHIEF - SIGNAL OPERATIONS SECTION (410) 787-7652	

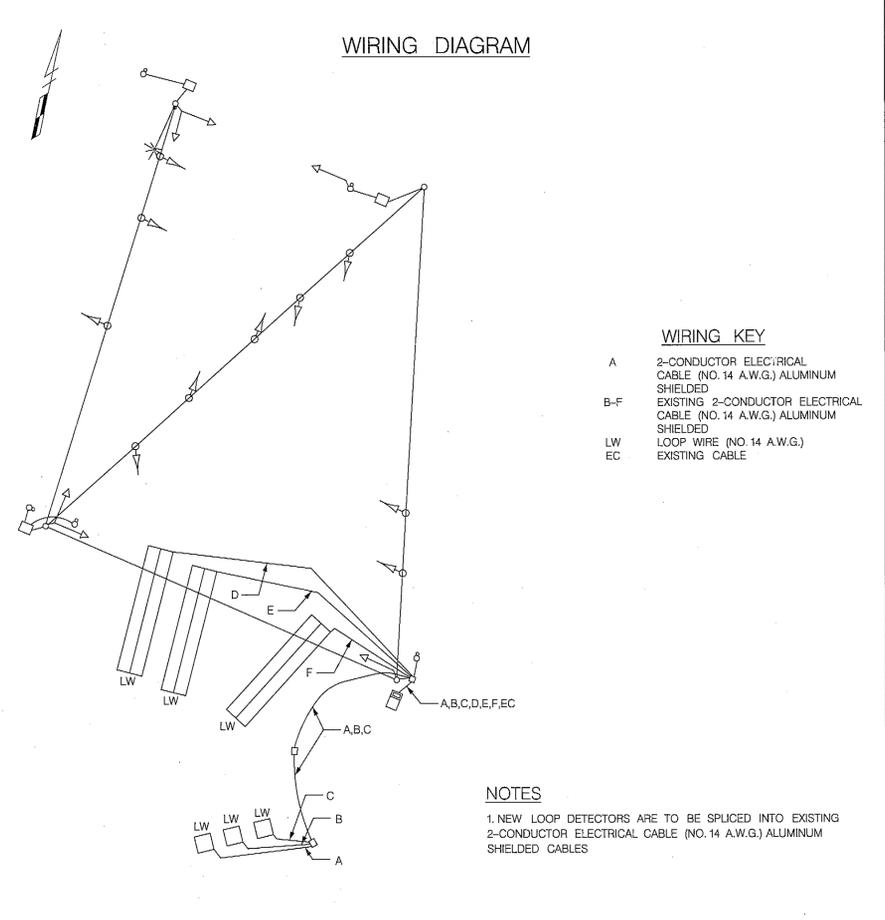
TRAFFIC CONCEPTS, INC.
 325 Gambrills Road
 Suite B
 Gambrills, MD 21054
 (410) 923-7101
 FAX: (410) 923-6473
 EMAIL: KSCHEID@TRAFFIC-CONCEPTS.COM



GENERAL NOTES
 1. FOR CONSTRUCTION DETAILS SEE TRAFFIC SIGNALIZATION PLAN SHEET 1 OF 2

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
PHASE 1 & 5	←G-←G-	R	R	←G-←G-	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 & 5 CHANGE	PHASE 1 & 5 MAY CHANGE TO PHASE 1 & 6, 2 & 5, OR 2 & 6																		
PHASE 1 & 6	←G-←G-	G	G	←R-←R-	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 & 6 CHANGE	←Y-←Y-	G	G	←R-←R-	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	←R-←R-	R	R	←G-←G-	G	G	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
2 & 5 CHANGE	←R-←R-	R	R	←Y-←Y-	G	G	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	←R-←R-	G	G	←R-←R-	G	G	R	R	R	R	R	R	R	FL-WK	FL-WK	FL-WK	FL-WK	DW	DW
PED CLEAR	←R-←R-	G	G	←R-←R-	G	G	R	R	R	R	R	R	R	FL-DW	FL-DW	FL-DW	FL-DW	DW	DW
2 & 6 CHANGE	←R-←R-	Y	Y	←R-←R-	Y	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4 & 8	←R-←R-	R	R	←R-←R-	R	R	G	G	G	G	G	G	G	DW	DW	DW	DW	DW	DW
4 & 8 CHANGE	←R-←R-	R	R	←R-←R-	R	R	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 4 ALT & 8	←R-←R-	R	R	←R-←R-	R	R	G	G	G	G	G	G	G	DW	DW	DW	DW	FL-WK	FL-WK
PED CLEAR	←R-←R-	R	R	←R-←R-	R	R	G	G	G	G	G	G	G	DW	DW	DW	DW	FL-DW	FL-DW
4 ALT & 8 CHANGE	←R-←R-	R	R	←R-←R-	R	R	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	←FLR-←FLR-	FLY	FLY	←FLR-←FLR-	FLY	FLY	FLR	DARK	DARK	DARK	DARK	DARK	DARK						



STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 198 (LAUREL - FORT MEAD ROAD) &
 OLD ANNAPOLIS ROAD / WHISKEY BOTTOM ROAD
 MARYLAND CITY, MARYLAND

GENERAL INFORMATION PLAN

SCALE 1"=20' DATE 7-19-2013 CONTRACT NO. BW996M82

DESIGNED BY T.Z./A.M.R. COUNTY ANNE ARUNDEL
 DRAWN BY A.M. ROSEN LOGMILE 02019801.02
 CHECKED BY J.K. SCHMID TMS NO. M024
 F.A.P. NO. - TOD NO. -

DRAWING NO. TS-1893 F - GI SHEET NO. 2 OF 2

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 18421 EXP. DATE: 8/31/2025
 PLOTTED: Friday, July 19, 2013 AT 12:09 PM
 FILE: M:\180019421\SIGNAL\12-27-13.dgn

DRILL HOLES

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BY: Max