

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING PAVEMENT MARKINGS ON NORTHBOUND MD 3, NORTH OF RIEDEL ROAD IN ANNE ARUNDEL COUNTY. MD 3 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

SOUTHBOUND MD 3 AND WAUGH CHAPEL ROAD

THIS INTERSECTION CURRENTLY OPERATES IN A NEMA TWO-PHASE, FULLY-ACTUATED MODE WITH THE SOUTHBOUND MD 3 MOVEMENT AS ONE PHASE AND THE NORTHBOUND MD 3 LEFT TURN MOVEMENT & THE WAUGH CHAPEL ROAD RIGHT TURN MOVEMENT AS THE SECOND PHASE. AN ALTERNATE PEDESTRIAN PHASE TO CROSS THE NORTH LEG OF MD 3 AND AN ALL RED FIREHOUSE PRE-EMPTION PHASE ALSO EXISTS. THIS OPERATION WILL NOT CHANGE.

NORTHBOUND MD 3 AND RIEDEL ROAD

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CONTROLLER REQUIREMENTS

SOUTHBOUND MD 3 AND WAUGH CHAPEL ROAD

THE EXISTING FULL-TRAFFIC-ACTUATED, EIGHT-PHASE CONTROLLER HOUSED IN A NEMA '6' BASE MOUNTED CABINET WILL BE USED.

NORTHBOUND MD 3 AND RIEDEL ROAD

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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
200 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH
600 LF	5 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
650 LF	10 IN. HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
80 LF	4 IN. X 4 IN. WOOD SUPPORTS
2 EA	RELOCATE EXISTING GROUND MOUNTED SIGN AND SUPPORTS
1 EA	R1-6R (36" X 12") SIGN - GROUND MOUNT
1 EA	R4-7 (24" X 30") SIGN - GROUND MOUNT
1 EA	OM1-3 (18" X 18") SIGN - GROUND MOUNT
1 EA	R1-2 (36" X 36" X 36") SIGN - GROUND MOUNT
1 EA	R3-7(2R) (30" X 42") SIGN - GROUND MOUNT
2 EA	R3-7(R) (30" X 30") SIGN - GROUND MOUNT
1 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING "ONLY"
4 EA	HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW

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.

ITEM NO. 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

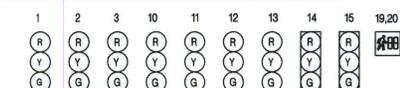
MR. ED RODENHIZER
CHIEF - SIGNAL OPERATIONS SECTION
(410) 787-7652

VACANT
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MR. MIKE STOCKER
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

PHASE CHART

SOUTHBOUND MD 3 AND WAUGH CHAPEL ROAD



PHASE 1	g	G	G	R	R	R	G	G	G	DW	
1 CHANGE	Y	Y	Y	R	R	R	Y	Y	Y	DW	
PHASE 1 ALT.	g	G	G	R	R	R	G	G	G	FLWK	
PED CLEAR	g	G	G	R	R	R	G	G	G	FLWK	
1 ALT. CHANGE	Y	Y	Y	R	R	R	Y	Y	Y	DW	
PHASE 2	R	R	R	G	G	G	R	R	R	DW	
2 CHANGE	R	R	R	Y	Y	Y	R	R	R	DW	
PRE-EMPTION	R	R	R	R	R	R	R	R	R	DW	
CHANGE	R	R	R	R	R	R	R	R	R	DW	
FLASHING OPERATION	FLR	FLR	FLR	FLY	FLY	FLY	FLR	FLR	FLR	DARK	

PHASE CHART

NORTHBOUND MD 3 AND RIEDEL RD.



PHASE 1	g	G	G	R	R	R	G	G	G	DW	
1 CHANGE	Y	Y	Y	R	R	R	Y	Y	Y	DW	
PHASE 1 ALT.	g	G	G	R	R	R	G	G	G	FLWK	
PED CLEAR	g	G	G	R	R	R	G	G	G	FLWK	
1 ALT. CHANGE	Y	Y	Y	R	R	R	Y	Y	Y	DW	
PHASE 2	R	R	R	G	G	G	R	R	R	DW	
2 CHANGE	R	R	R	Y	Y	Y	R	R	R	DW	
PRE-EMPTION	R	R	R	R	R	R	G	G	G	DW	
CHANGE	R	R	R	R	R	R	R	R	R	DW	
FLASHING OPERATION	FLR	FLR	FLR	FLY	FLY	FLY	FLR	FLR	FLR	DARK	

SHA TRACKING NO. 06-AP-AA-039-06

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 3 AND WAUGH CHAPEL RD./RIEDEL RD.

GENERAL INFORMATION PLAN

SCALE	NONE	DATE	7-9-13	CONTRACT NO.	BW996M82
DESIGNED BY	T.ZAYDEL	COUNTY	ANNE ARUNDEL		
DRAWN BY	J.K.SCHMID	LOGMILE	02000303.96		
CHECKED BY	K.SCHMID	T.I.M.S. NO.	H867		
F.A.P. NO.	NA	TOD. NO.			
DRAWING NO.	TS-1515 M GI	SHEET NO.	4	OF	4

TRAFFIC CONCEPTS, INC.

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

FILE PATH: Z:\1200\1225\2013 SIGNALS\SHA\redline 10-11-13.dgn
DATE: Monday, October 14, 2013 AT 12:07 PM

THIS SHEET IS ONLY FOR SIGNING AND PAVEMENT MARKING QUANTITIES FOR MD 3. SIGNAL INFORMATION IS INCLUDED FOR INFORMATIONAL PURPOSES ONLY.

RED LINE REVISION NO. 1
October 11, 2013
REVISE PLANS BASED ON NEW GEOMETRICS
TEDD Approval: [Signature]

DRILL HOLES

DRILL HOLES

DRILL HOLES