

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 18B (MAIN ST.) AND MD 552 (DOMINION RD.) IN QUEEN ANNE'S COUNTY. MD 18B (MAIN ST.) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE EXISTING EIGHT-PHASE, FULL-TRAFFIC-ACTUATED NEMA CONTROLLER HOUSED IN A BASE CABINET IS BEING USED. THE CONTROLLER CURRENTLY OPERATES AS A SIX-PHASE, FULL-TRAFFIC-ACTUATED CONTROLLER WITH AN EXCLUSIVE-PERMISSIVE LEFT TURN PHASE FOR E.B. AND W.B. MD 18. FIREHOUSE PRE-EMPTION 1-4 AND SIDE STREET SPLIT PHASING. THE CURRENT OPERATION WILL NOT CHANGE.

PHASING CHART

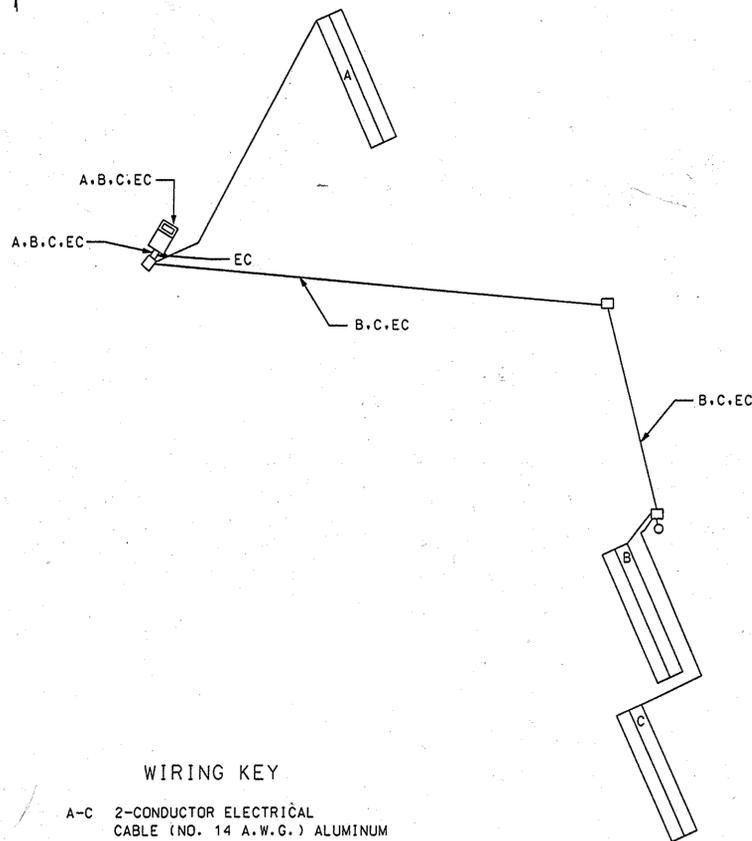
PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5001	3 EA	FURNISH AND INSTALL HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING ARROW
5002	4 EA	FURNISH AND INSTALL HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING LETTER
5003	8 EA	REMOVE EXISTING PAVEMENT MARKING LETTER OR ARROW
5005	35 LF	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING
8068	20 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8081	320 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR ALUMINUM SHIELDED
8087	1410 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING (NO. 14 AWG)
8088	420 LF	FURNISH AND INSTALL SAW CUT FOR LOOP DETECTOR

WIRING DIAGRAM



WIRING KEY

- A-C 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) ALUMINUM SHIELDED
- D 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- EC EXISTING CABLE
- LW LOOP WIRE (NO. 14 A.W.G.)

EQUIPMENT LIST "A"

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE CATALOG CUTS SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 2 ARE AS FOLLOWS:

- | | |
|---|---|
| MR. ROBERT KIEL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 778-3061 | MR. TERRY WRIGHT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 778-3061 |
| MR. BARRY CLOTHIER
ASSISTANT DISTRICT ENGINEER - UTILITIES
(410) 778-3061 | |

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

- | | |
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| MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630 | MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676 |
| MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631 | MS. DARLENE EIDE
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668 |
| MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
(410) 787-7652 | |

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 SHALL BECOME THE PROPERTY OF THE CONTRACTOR

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION
MD 18B (MAIN ST.) AND MD 522 (DOMINION RD.)

DRAWN BY: M.HOWELL	F.A.P. NO. _____	TS NO. 2549/GI	SHEET NO. 2 OF 2
CHECKED BY: T.ZAYDEL	S.H.A. NO. _____	T.I.M.S. NO. F686G1	
SCALE: 1" = 20'	COUNTY: QUEEN ANNE'S	LOG MILE: 17801800.56	
DATE: 3-24-03			