

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 924 AND ABINGDON RD./SINGER RD. IN HARFORD COUNTY. MD 924 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE EXISTING EIGHT-PHASE, FULLY ACTUATED HOUSED IN A POLE MOUNTED CABINET WILL BE USED. WORK WILL CONSIST OF REPLACING DETECTORS AND RE-WIRING DUE TO WIDENING. THE EXISTING CONTROLLER OPERATION WILL NOT CHANGE.

PHASING CHART

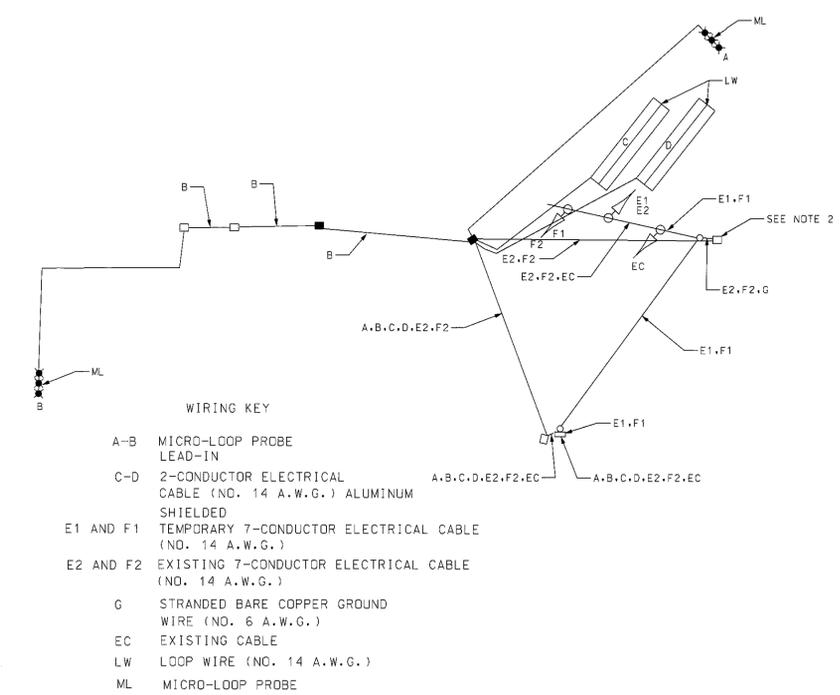
PHASING WILL NOT CHANGE

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	2 EA	FURNISH AND INSTALL HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING ARROW
5002	4 EA	FURNISH AND INSTALL HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING LETTER
5005	35 LF	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT THERMOPLASTIC PAVEMENT MARKING
8029	2 EA	FURNISH AND INSTALL MICRO-LOOP PROBE SET WITH 500 FT. LEAD-IN
8048	LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
8058	16 LF	FURNISH AND INSTALL 4 IN. X 4 IN. WOOD SUPPORT
8060	170 LF	FURNISH AND INSTALL NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE
8067	60 LF	FURNISH AND INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - SLOTTED
8068	20 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
8072	2 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8081	170 LF	FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR ALUMINUM SHIELDED
8085	270 LF	FURNISH AND INSTALL ELECTRICAL CABLE 7-CONDUCTOR (NO. 14 A.W.G.)
8087	1000 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING (NO. 14 AWG)
8088	510 LF	FURNISH AND INSTALL SAW CUT FOR LOOP DETECTOR
8090	90 LF	FURNISH AND INSTALL 3/8 IN. STEEL SPAN WIRE
8091	55 LF	FURNISH AND INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
---	1 EA	FURNISH AND INSTALL R3-7(R) SIGN (30" X 30") GROUND MOUNT
---	330 LF	REMOVE AND REINSTALL EXISTING CABLE

WIRING DIAGRAM



NOTE: 1. E1 AND F1 ARE TEMPORARY 7-CONDUCTOR CABLES TO BE USED DURING THE CONSTRUCTION PHASE OF THIS PROJECT. IT IS TO BE INSTALLED ON THE TEMPORARY SPAN WIRE TO THE EXISTING CONTROLLER.
2. FOLLOWING THE INSTALLATION OF E1 AND F1, EXISTING CABLES (E2 AND F2) ARE TO BE DISCONNECTED FROM THE CONTROLLER AND REMOVED TO THIS HANDHOLE. FOLLOWING THE INSTALLATION OF THE NEW CONDUIT AND HANDHOLES THIS CABLE SHOULD BE REINSTALLED AND RECONNECTED TO THE CONTROLLER. UPON COMPLETION OF THIS INSTALLATION, E1,F1 AND TEMPORARY SPAN SHOULD BE REMOVED.

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 4 ARE AS FOLLOWS:

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 321-2781

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 321-2761

MS. SUENETTE POPE
ASSISTANT DISTRICT ENGINEER - UTILITIES
(410) 321-2841

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

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 924 AND ABINGDON RD./SINGER RD.

DRAWN BY: M.HOWELL	F.A.P. NO. _____	TS NO. 1904 F.G.I.	SHEET NO. _____
CHECKED BY: T.ZAYDEL	S.H.A. NO. _____	T.I.M.S. NO. _____	2 OF 2
SCALE: NONE	COUNTY: HARFORD	LOG MILE: I209240I.01	
DATE: 9-20-02			