

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE TEMPORARY SIGNAL AT THE INTERSECTION OF TOLLGATE ROAD AND CONSTANT FRIENDSHIP BLVD IN HARFORD COUNTY.

INTERSECTION OPERATION

THE EXISTING BASE MOUNTED CABINET SHALL BE USED AT THIS LOCATION. THE INTERSECTION SHALL OPERATE IN AN ACTUATED COORDINATED MODE USING 4 NEMA PHASES. THE LEFT TURN PHASE ALONG WESTBOUND TOLLGATE ROAD SHALL OPERATE WITH AN EXCLUSIVE LEFT TURN PHASING. PEDESTRIAN PHASE AND NON INVASIVE DETECTORS WILL BE PLACED INTO OPERATION.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 321-2781
MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761
MR. MICHAEL PASQUARIELLO, UTILITY ENGINEER
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SIGNAL OPERATIONS CHIEF
PHONE: (410) 787-7650
MR. EUGENE BAILEY, SIGN OPERATIONS MANAGER
PHONE: (410) 787-7676

MS. ROXANE MUKAI, TRAFFIC MANAGER
MARYLAND TRANSPORTATION AUTHORITY
PHONE: (410) 288-8484

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

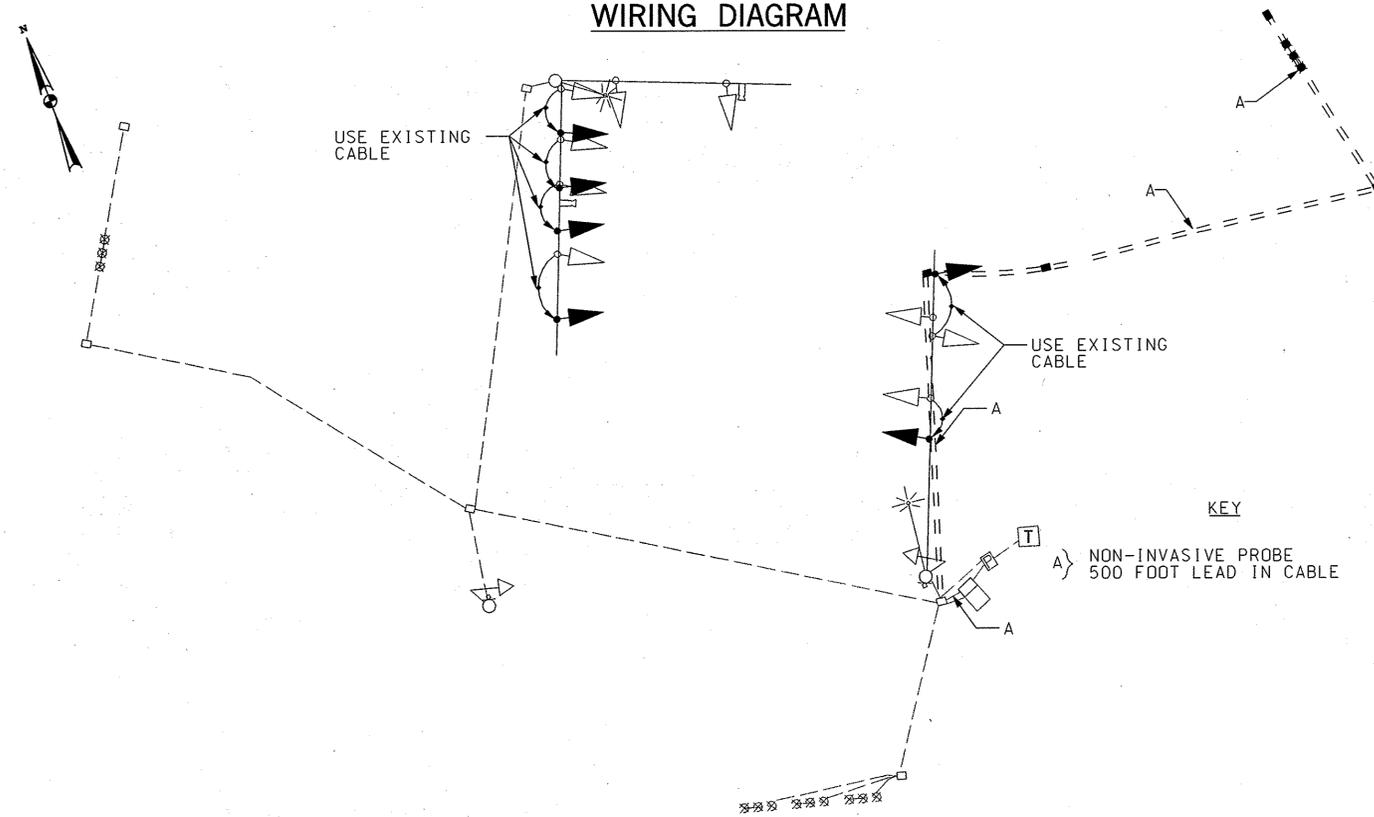
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
585620	12 INCH HEAT APPLIED WHITE PERM PREF THERM PAVEMENT MARKINGS	LF	160
585624	24 INCH HEAT APPLIED WHITE PERM PREF THERM PAVEMENT MARKINGS	LF	130
800000	RELOCATE EXISTING SIGN ON SIGNAL STRUCTURE	EA	2
805118	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED	LF	80
805125	2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	LF	60
805135	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	LF	340
810601	NON-INVASIVE DETECTOR, 500 FOOT LEAD IN CABLE	EA	1
811001	ELECTRICAL HANDHOLE	EA	4
860265	RELOCATE EXISTING SIGNAL HEAD	EA	6

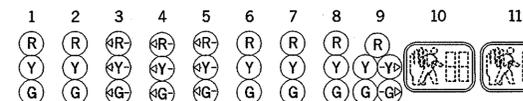
C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLY DRIVE, HANOVER, MARYLAND 21076.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

WIRING DIAGRAM



PHASE CHART



	1	2	3	4	5	6	7	8	9	10	11
PHASE 2 AND 5	R	R	<G>	<G>	<G>	G	G	R	R	DW	DW
2 AND 5 CHANGE	R	R	<Y>	<Y>	<Y>	G	G	R	R	DW	DW
PHASE 2 AND 6	G	G	<R>	<R>	<R>	G	G	R	R	WK	WK
PED CLEARANCE	G	G	<R>	<R>	<R>	G	G	R	R	FLDW	FLDW
2 AND 6 CHANGE	Y	Y	<R>	<R>	<R>	Y	Y	R	R	DW	DW
PHASE 4	R	R	<R>	<R>	<R>	R	R	G	G	DW	DW
4 CHANGE	R	R	<R>	<R>	<R>	R	R	Y	Y	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	DW	DW

ULTIMATE



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TOLLGATE ROAD AT CONSTANT FRIENDSHIP BLVD
IMPROVEMENTS TO I-95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

GENERAL INFORMATION SHEET

SCALE 1" = 20' DATE 06/12/06 CONTRACT NO. KH-271-000-002

DESIGNED BY A. MOHAMMED/SDU COUNTY HARFORD
DRAWN BY M. RAFFLE LOGMILE
CHECKED BY K. RINKER TMS NO.
FAP NO. NONE TOD NO.

TS NO. DRAWING **PSG** OF **N002** SHEET NO. 668 OF 889



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