

PROJECT DESCRIPTION

I. GENERAL

This project involves the installation of video detection for all directions at the intersection of US 50 and MD 750/Bucktown Road in Dorchester County. US 50 is assumed to run in a East-West direction.

II. INTERSECTION OPERATION

1. The intersection operation will remain the same.

NOTES

- The contractor shall be responsible for terminating all signal cable to the appropriate terminals and properly label each cable.
- All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
- The contractor shall maintain the continuous operation of all interconnect, vehicular, pedestrian detectors, and lighting devices. If any device is damaged by the contractor, it shall be repaired within 72 hours by the contractor at no cost to the Administration after notification by the Engineer.

CONTACTS

DISTRICT

DONNIE L. DREW
DISTRICT ENGINEER
410-677-4020

GENE COFIELL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
410-677-4040

BRUCE W. POOLE
DISTRICT ENGINEER - UTILITIES
410-677-4082

RAVINDRA GANVIR
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
410-677-4020

JAMES R. WRIGHT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
410-677-4010

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7670

MS. DARLENE EIDE
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
410-787-7668

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9016	2 EA	4 CHANNEL DETECTOR AMPLIFIER
9046	1 EA	DETECTOR RACK RETROFIT
9086	1 EA	VIDEO DETECTION INTERFACE EQUIPMENT: 1-4 CAMERAS

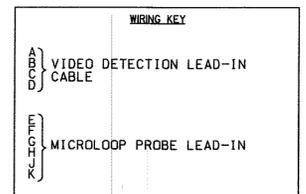
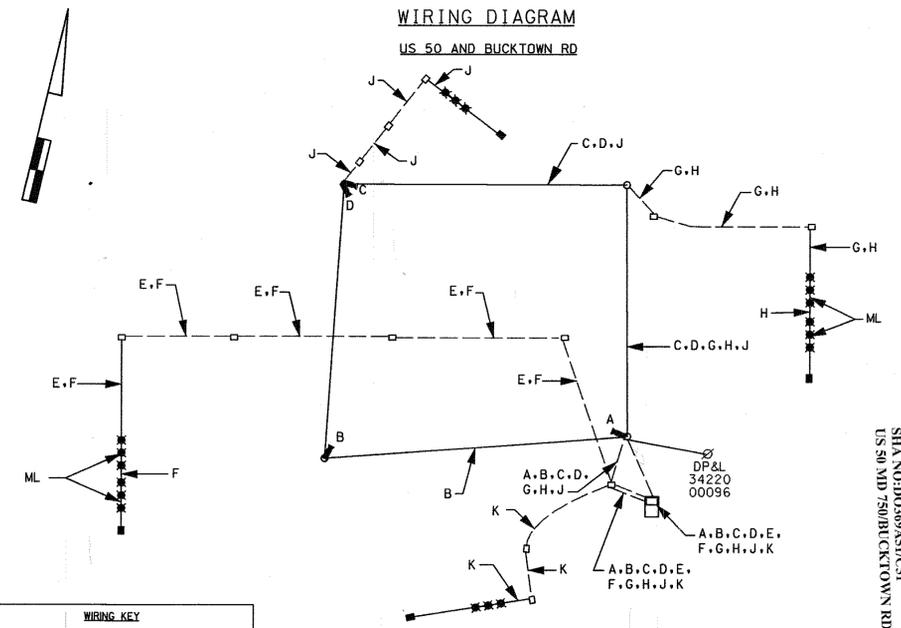
B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8006	1 EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT PER ASSIGNMENT
8007	4 EA	VIDEO DETECTION CAMERA & CABLE
8010	220 LF	SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - BORED
8016	1 EA	NONINVASIVE DETECTOR, 500 FOOT LEAD IN CABLE
8017	5 EA	NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE
8018	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8000	38 EA	12 INCH LED SIGNAL HEAD SECTION
8000	6 EA	8 INCH LED SIGNAL HEAD SECTION

C. IF THE CABINET IS TO BE REMOVED SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1 & 5	←G-R	←G-R	R	←G-R	←G-R	R	R	R	R	R	R	R
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6												
PHASE 1 & 6	←G-G	←G-G	G	R	R	R	R	R	R	R	R	R
1 & 6 CHANGE	←Y-G	←Y-G	G	R	R	R	R	R	R	R	R	R
PHASE 2 & 5	R	R	R	←G-R	←G-R	G	R	R	R	R	R	R
2 & 5 CHANGE	R	R	R	←Y-G	←Y-G	G	R	R	R	R	R	R
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	R	R	R
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
PHASE 4 & 8	R	R	R	R	R	R	G	G	G	G	G	G
4 & 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y
PRE EMT1	G	G	G	G	G	G	R	R	R	R	R	R
PRE EMT1 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R
PRE EMT2	R	R	R	R	R	R	G	G	G	R	R	R
PRE EMT2 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R



SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 AND MD 750 /Bucktown Road

GENERAL INFORMATION SHEET

SCALE 1" = 20' ADVERTISED DATE 12/20/08 CONTRACT NO. AX1395185

DESIGNED BY B. DONOWAY COUNTY DORCHESTER
DRAWN BY B. DONOWAY LOGMILE
CHECKED BY TMS NO. J040
F.A.P. NO. SEE TITLE SHEET TOD NO. <TOD NO>

TS NO. DRAWING SG-2 OF 2 SHEET NO. 2 OF 2

BY: bdonoway

TOD NO: AX139-06
SHA NO: D0369451/C51
US 50 MD 750/BUCKTOWN RD