

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF CAMERA DETECTION AT THE INTERSECTION OF MD 300 (MAIN ST) AND MD 313 (CHURCH ST) FOR EASTBOUND AND WESTBOUND MD 300. MD 300 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION SHALL OPERATE IN A FULLY ACTUATED MODE USING 4 NEMA PHASES. ADDITIONALLY, THERE ARE PRE-EMPTION PHASES ASSOCIATED WITH EACH LEG OF THIS INTERSECTION.

SPECIAL NOTES

1. THE CONTACT PERSONS FOR DISTRICT 2 (QUEEN ANNE'S COUNTY) ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. ROBERT KIEL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 810-3240

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. NORRIS EMBERT
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 810-3270

MR. ED RÖDENHIZER
CHIEF, SIGNAL SHOP
PHONE: (410) 787-7652

MR. TERRY WRIGHT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 810-3250

MR. BARRY CLOTHIER
UTILITY ENGINEER
PHONE: (410) 810-3275

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY SHA.

ITEM NO.	DESCRIPTION	QUANTITY
9046	DETECTOR RACK RETROFIT	1 EA

EQUIPMENT LIST "B"

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

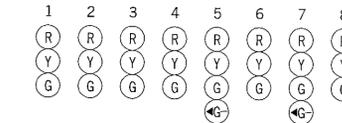
ITEM NO.	DESCRIPTION	QUANTITY
1001	MAINTENANCE OF TRAFFIC	1 EA
8006	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT	1 EA
8007	VIDEO DETECTION CAMERA AND CABLE	2 EA
8023	FURNISH AND INSTALL 12" SIGNAL HEAD SECTION	12 EA
8027	FURNISH AND INSTALL 12" LED MODULES	14 EA

EQUIPMENT LIST "C"

C. MATERIALS TO BE REMOVED.

ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

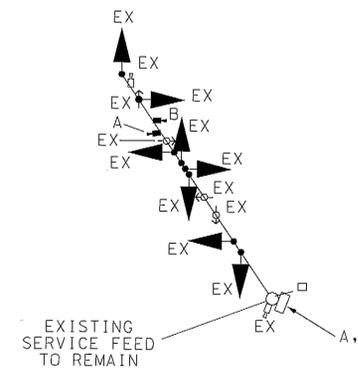
PHASING DIAGRAM



PHASE 2 AND 6	G	G	G	G	R	R	R	R	←
2 AND 6 CHANGE	Y	Y	Y	Y	R	R	R	R	→
PHASE 4 AND 8	R	R	R	R	G	G	G	G	↑
4 AND 8 CHANGE	R	R	R	R	Y	Y	Y	Y	↓
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	↕

PRE-EMPT 1	G	G	G	G	R	R	R	R	←
PRE-EMPT 1 CHANGE	Y	Y	Y	Y	R	R	R	R	→
PRE-EMPT 2	G	G	G	G	R	R	R	R	←
PRE-EMPT 2 CHANGE	Y	Y	Y	Y	R	R	R	R	→
PRE-EMPT 3	R	R	R	R	R	G	G	G	↑
PRE-EMPT 3 CHANGE	R	R	R	R	R	Y	Y	Y	↓
PRE-EMPT 4	R	R	R	R	G	G	R	R	↑
PRE-EMPT 4 CHANGE	R	R	R	R	Y	Y	R	R	↓

WIRING DIAGRAM



WIRING KEY

A B PROPOSED VIDEO DETECTION CABLE

EX EXISTING CABLES

TOD NO:AX139-07
SHA NO:QA471A51/C51
MD 300 @ MD 313

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 300 AND MD 313
TRAFFIC SIGNAL MODIFICATION
SUDLERSVILLE, MD

GENERAL INFORMATION SHEET

SCALE 1" = 20' ADVERTISED DATE 2/2009 CONTRACT NO. AX1395185

DESIGNED BY M. FUJIKI COUNTY Queen Anne's
DRAWN BY M. FUJIKI LOGMILE 17030003.42
CHECKED BY TMS NO. J562
F.A.P. NO. TOD NO.

TS NO. 2541G DRAWING - OF SHEET NO. 2 OF 2

BY: mtukui