

**PROJECT DESCRIPTION**

**GENERAL**

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF US 13 BUSINESS AND BROAD STREET / CHURCH STREET IN WICOMICO COUNTY. THE MODIFICATION SHALL CONSIST OF REMOVAL OF EXISTING PRESENCE DETECTION LOOPS AND INSTALLATION OF NEW VIDEO DETECTION EQUIPMENT. THE EXISTING BASE MOUNTED CONTROLLER SHALL BE RETROFITTED TO ACCOMMODATE THE NEW VIDEO DETECTION EQUIPMENT.

**INTERSECTION OPERATION**

THE EXISTING INTERSECTION PHASING OPERATES IN A FULLY ACTUATED MODE USING 4 NEMA PHASES.

**SPECIAL NOTES**

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

**PROJECT CONTACTS:**

MR. GENE COFIELL, ASSISTANT DISTRICT ENGINEER - TRAFFIC  
 PHONE: (410) 677-4040  
 MR. RAVINDRA GANVIR, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
 PHONE: (410) 677-4020  
 MR. JAMES R. WRIGHT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
 PHONE: (410) 677-4010  
 MR. BRUCE W. POOLE, UTILITY ENGINEER  
 PHONE: (410) 677-4082  
 MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION  
 PHONE: (410) 787-7630

**EQUIPMENT LIST**

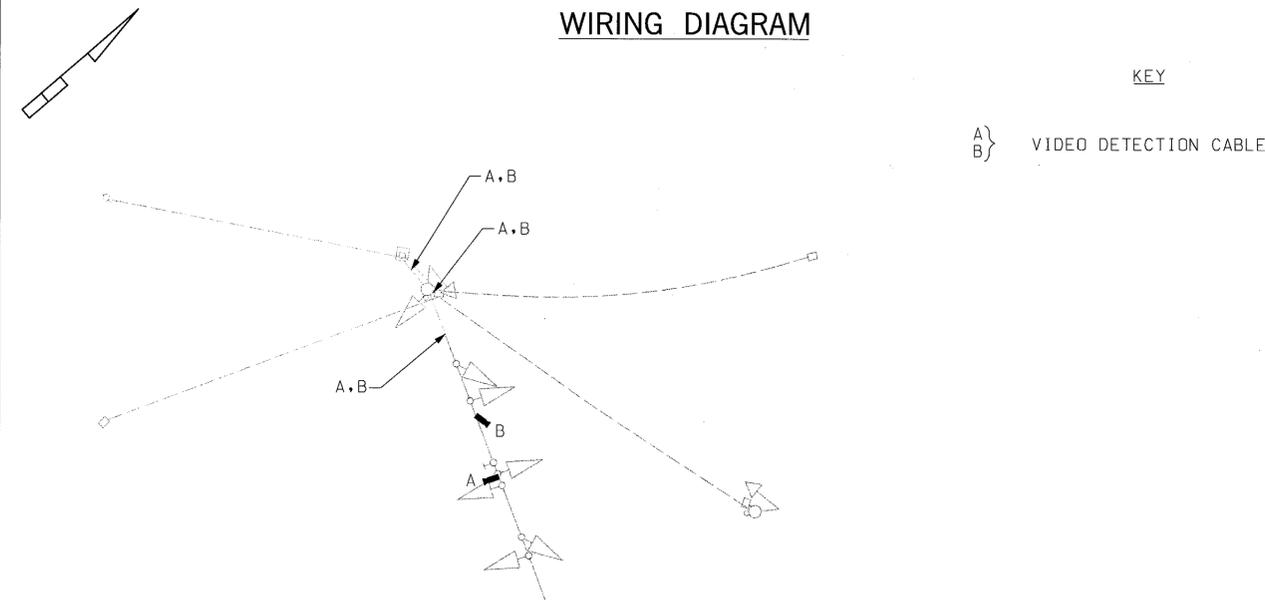
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
900000	INSTALL VIDEO DETECTION INTERFACE EQUIPMENT	EA	1

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

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
800000	REMOVE AND DISPOSE OF EXISTING EQUIPMENT	LS	1
816001	VIDEO DETECTION CAMERA	EA	2
816005	CONTROL CABLE, 250 FOOT VIDEO DETECTION CAMERA TO CONTROLLER	EA	2

**WIRING DIAGRAM**



**PHASE CHART**

	1	2	3	4	5	6	7	8	9	
PHASE 1 AND 6	G	G	G	R	R	R	R	DW	DW	↑
1 AND 6 CHANGE	G	Y	G	R	R	R	R	DW	DW	→
PHASE 2 AND 6	G	G	G	G	G	R	R	DW	DW	←
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	DW	DW	→
PHASE 4	R	R	R	R	R	G	G	DW	DW	↑
4 CHANGE	R	R	R	R	R	Y	Y	DW	DW	→
PHASE 4 ALT	R	R	R	R	R	G	G	WK	WK	↑
PED CLEARANCE	R	R	R	R	R	G	G	FL/DW	FL/DW	↑
4 ATL CHANGE	R	R	R	R	R	Y	Y	DW	DW	↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK	Δ

GP-02

**SHA** MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
 Office of Traffic & Safety  
 TRAFFIC ENGINEERING DESIGN DIVISION  
 GENERAL INFORMATION PLAN  
 US 13 BUSINESS AT BROAD STREET /  
 CHURCH STREET

**SABRA, WANG & ASSOCIATES, INC.**  
 1604 JOH AVENUE  
 SUITE 100  
 BALTIMORE, MD 21227  
 (410) 737-6564  
 WWW.SABRA-WANG.COM

DRAWN BY: J. WEAVER	F.A.P. NO.	TS NO.
CHECKED BY: S. RENZI	S.H.A. NO. WIS16AZI	10022 C
SCALE: 1" = 20'	COUNTY: WICOMICO	SHEET NO. 62
DATE: 03/03/04	LOG MILE: 22B01305.64	OF