

**PROJECT DESCRIPTION**

**GENERAL**

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC SIGNAL AT MD 528 (COASTAL HIGHWAY) AND 26TH STREET IN WORCHESTER COUNTY. THE EXISTING LOOP DETECTORS FOR THE LEFT TURNS FOR MD 528 AND THE PRESENCE DETECTION OF THE SIDE ROADS OF 26TH STREET SHALL BE REMOVED. NEW OVERHEAD VIDEO DETECTION CAMERA'S SHALL BE INSTALLED TO THE EAST ARM'S OF MD 528 AND 26TH STREET FOR THE ACTUATION OF LEFT TURNS FOR NORTH AND SOUTHBOUND MD 528 AND FOR THE SIDE STREET PRESENCE DETECTION OF 26TH STREET.

**INTERSECTION OPERATION**

A CONTROLLER HOUSED IN AN EXISTING BASE MOUNTED CABINET IS INSTALLED AT THIS LOCATION. THE INTERSECTION OPERATES IN A FULLY ACTUATED MODE USING 6 NEMA PHASES. VIDEO DETECTION CAMERAS SHALL BE INSTALLED AT THIS LOCATION FOR THE ACTUATION OF THE LEFT TURNS FOR THE MAINLINE (MD 528 COASTAL HIGHWAY) AND THE SIDE STREET PRESENCE DETECTION OF 26TH STREET.

**SPECIAL NOTES**

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

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

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING STANDARD PLATES FOR TRAFFIC CONTROL.

**EQUIPMENT LIST**

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

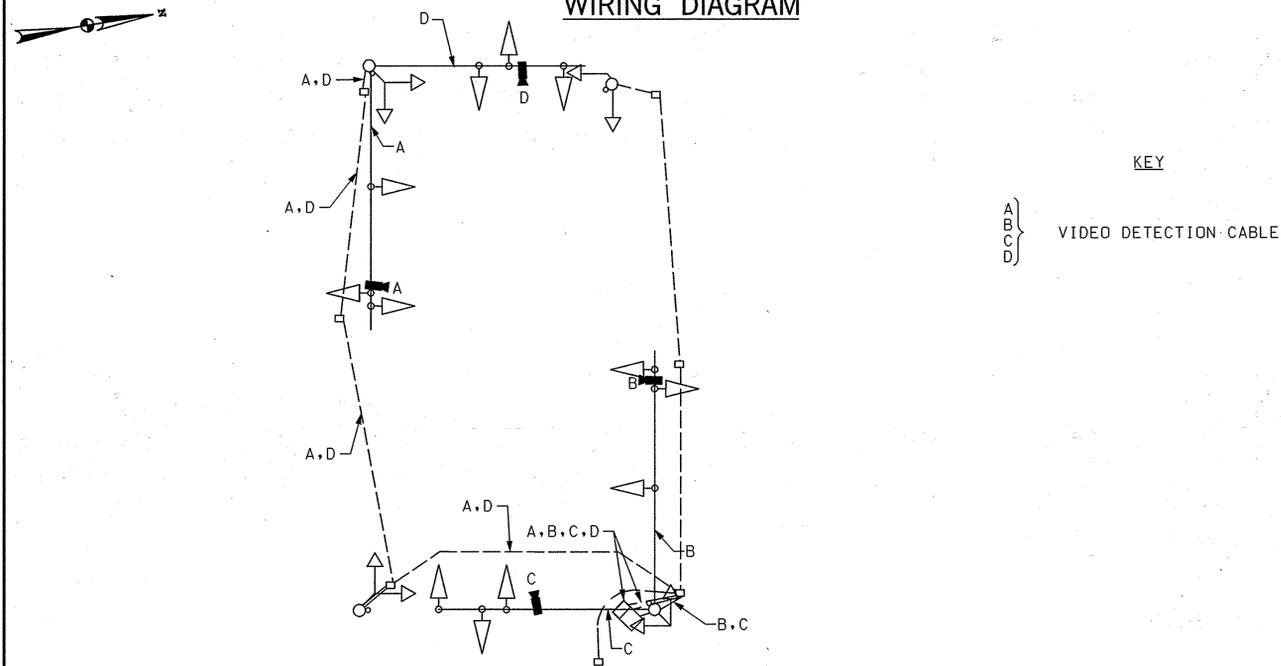
ITEM NO.	DESCRIPTION	UNITS	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT: 1-4 CAMERAS	EA	1

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

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC PER ASSIGNMENT	EA	3
8004	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT	EA	1
8026	VIDEO DETECTION CAMERA	EA	4
8027	CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER	EA	2
8028	CONTROL CABLE, 500 FOOT, VIDEO DETECTION CAMERA TO CONTROLLER	EA	2

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

**WIRING DIAGRAM**



**PHASE CHART**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PHASE 1 AND 5	+GR	+GR	R	+GR	+GR	R	R	R	R	R	R	R	DW							
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																				
PHASE 1 AND 6	+GG	+GG	G	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW	DW	DW
1 CHANGE	+YG	+YG	G	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW	DW	DW
PHASE 2 AND 5	R	R	R	+GG	+GG	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW
5 CHANGE	R	R	R	+YG	+YG	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	R	R	FLDW	FLDW	FLDW	FLDW	DW	DW	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW							
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	G	G	DW							
4 AND 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW							
PHASE 4 AND 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	WK	WK	WK	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	FLDW	FLDW	FLDW	FLDW
4 AND 8 ALT CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW							
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	DARK							

**SHA** STATE OF MARYLAND  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 OFFICE OF TRAFFIC & SAFETY  
 TRAFFIC ENGINEERING DESIGN DIVISION  
**MD 528 (PHILADELPHIA AVE.) AT  
 26TH STREET**  
 OCEAN CITY, MARYLAND

TOD No: AT725-12  
 SHA No: WO440A52/B52  
 MD 528: 26<sup>th</sup> Street to 65<sup>th</sup> Street

**SABRA, WANG & ASSOCIATES, INC.**  
 1604 JOH AVENUE  
 SUITE 100  
 BALTIMORE, MD 21227  
 (410) 737-8564  
 WWW.SABRA-WANG.COM

GENERAL INFORMATION PLAN

SCALE	N.T.S.	DATE	08/24/07	CONTRACT NO.	AT7255185
DESIGNED BY	S. SMITH	COUNTY	WORCESTER		
DRAWN BY	J. WOOD	LOGMILE	23052806.88		
CHECKED BY	J. WEAVER	T.I.M.S. NO.	H328		
F.A.P. NO.		TOD NO.			