

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF CHERRY HILL ROAD AT PROSPERITY DRIVE IN MONTGOMERY COUNTY.

INTERSECTION OPERATION

A SYSTEM CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL BE INSTALLED AT THIS LOCATION. THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING 6 NEMA PHASES.

SPECIAL NOTES

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

- MR. LEE STARKLOFF, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (301) 513-7300
- MR. DENNIS McMAHAN, ASSISTANT DISTRICT ENGINEER-CONSTRUCTION
PHONE: (301) 513-7336
- MR. RALEIGH MEDLEY, ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: (301) 513-7300
- MR. AUGIE REBISH, ASSISTANT DISTRICT ENGINEER-UTILITY
PHONE: (301) 513-7300
- MR. RICHARD L. DAFF, Sr., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
- MR. BOBBY GONZALES, TRAFFIC ENGINEER MCDPWT
PHONE: (240) 777-8761
- MR. MIKE KINNEY, MCDPWT (FOR SURVEILLANCE CAMERA)
PHONE: (240) 777-8760

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

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE 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
NONE			

C. MATERIALS TO BE REMOVED BY MCDPW&T.

COUNTY FORCES SHALL REMOVE THE CONTROLLER AND ALL VIDEO DETECTION EQUIPMENT INCLUDING CAMERA'S AND SUPPLY THEM TO THE CONTRACTOR FOR ULTIMATE SIGNAL.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
816001 900000	VIDEO DETECTION CAMERA CONTROLLER	EA EA	5 1

THE CABINET AND ALL OTHER MATERIAL TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM

NO CHANGE TO WIRING

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1 AND 6	←G-	←G-	G	G	R	R	R	R	R	R	R	R	DW	DW	WK	WK
1 AND 6 CHANGE TO 2 AND 6, 2 AND 5																
PHASE 2 AND 6	←R-	←R-	G	G	G	G	G	G	R	R	R	R	DW	DW	WK	WK
2 AND 6 CHANGE	←R-	←R-	Y	Y	Y	Y	Y	Y	R	R	R	R	DW	DW	DW	DW
PHASE 2 AND 5	←R-	←R-	R	R	←G/G-	←G/G-	G	G	G	R	R	R	DW	DW	DW	DW
2 AND 5 CHANGE	←R-	←R-	R	R	←Y/Y-	←Y/Y-	Y	Y	Y	R	R	R	DW	DW	DW	DW
PHASE 3	←R-	←R-	R	R	R	R	R	R	←G-	←G-	←G/G-	DW	DW	DW	DW	
3 CHANGE	←R-	←R-	R	R	R	R	R	R	Y	Y	←Y/Y-	DW	DW	DW	DW	
PHASE 3 ALT	←R-	←R-	R	R	R	R	R	R	Y	Y	←Y/Y-	DW	DW	WK	WK	
PED CLEARANCE	←R-	←R-	R	R	R	R	R	R	Y	Y	←Y/Y-	DW	DW	FL/DW	FL/DW	
PHASE 3 CHANGE	←R-	←R-	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK

PHASE 6 & 7


MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION PLAN

CHERRY HILL ROAD AT PROSPERITY DRIVE


SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 100
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

DRAWN BY: JAMES ALLEN Jr.	F.A.P. NO. M08365170	TS NO. 4116C	SHEET NO.
CHECKED BY: NTS	COUNTY: MONTGOMERY	T.I.M.S. NO. F142	OF
SCALE: NTS	LOG MILE:		
DATE: APRIL, 2002			

R:09-17/TASK A01/DWG/MD/TMOT SIGNALS/PH6PROSPERITY.DGN