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. DENNIS McMAHON, ASSISTANT DISTRICT ENGINEER-CONSTRUCTION
   PHONE: (301) 513-7345
   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.

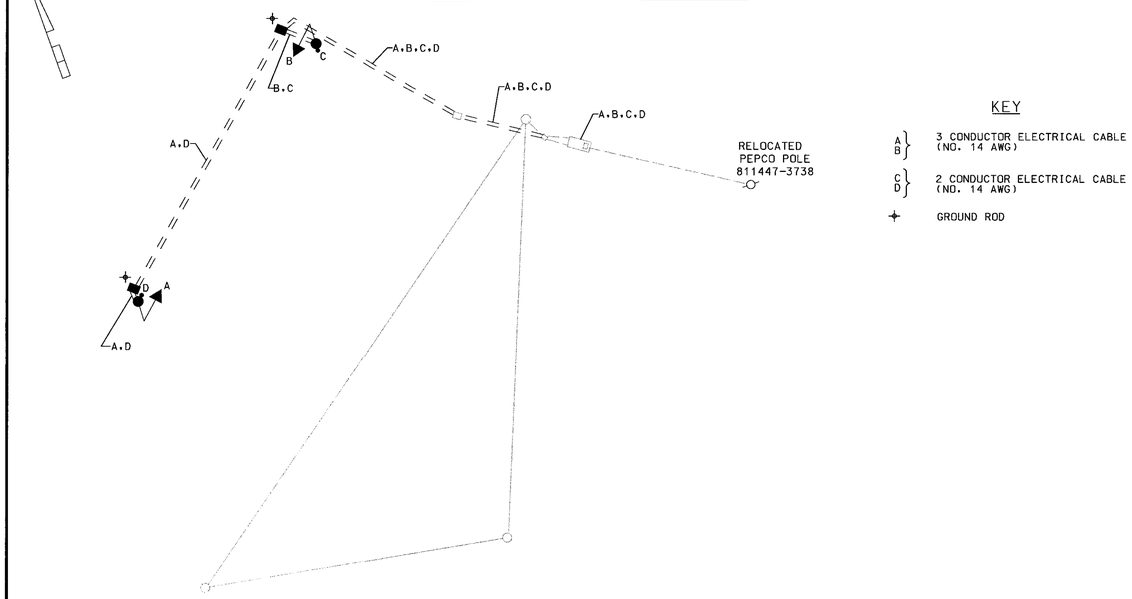
CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY

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

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
585624	24" HEAT APPL. WHT. PERM. PREF. THER. PVT. MARK.	LF	36
585620	12" HEAT APPL. WHT. PERM. PREF. THER. PVT. MARK.	LF	50
805118	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED	LF	80
805135	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	LF	150
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	2
818004	10 FOOT BREAKAWAY PEDESTAL POLE	EA	1

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

WIRING DIAGRAM



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	BAGGED	BAGGED	BAGGED	BAGGED		
PHASE 2 AND 5	R	R	R	R	R	◄G/G	◄G/G	G	DW	DW	DW	DW	DW	DW
2 AND 5 CHANGE	R	R	R	R	R	◄Y/Y	◄Y/Y	Y	DW	DW	DW	DW	DW	DW
PHASE 2 AND 6	R	R	R	G	G	G	G	G	DW	DW	DW	DW	DW	DW
2 AND 6 CHANGE	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 3	G	G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW
3 CHANGE	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 3 ALT	G	G	G	R	R	R	R	R	WK	WK	DW	DW	WK	WK
PED CLEARANCE	G	G	G	R	R	R	R	R	FL/DW	FL/DW	DW	DW	FL/DW	FL/DW
PHASE 3 CHANGE	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL /R	FL /R	FL /R	FL /Y	FL /Y	FL /Y	FL /Y	FL /Y	DARK	DARK	DARK	DARK	DARK	DARK

PHASE 3F

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 180
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

DRAWN BY: JAMES ALLEN Jr.	F.A.P. NO.		TS NO. 4116C	SHEET NO.
CHECKED BY:	S.H.A. NO. M083651170			
SCALE: NTS	COUNTY: MONTGOMERY		T.I.M.S. NO. F142	OF
DATE: APRIL, 2002	LOG MILE:			

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