

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF MD 24 AND MD 924 IN HARFORD COUNTY.

INTERSECTION OPERATION

THE EXISTING BASE MOUNTED CABINET SHALL BE USED AT THIS LOCATION. THE INTERSECTION SHALL OPERATE IN A FULLY ACTUATED MODE USING 4 NEMA PHASES. PRIOR TO COMPLETION OF THIS PROJECT THE CONTRACTOR SHALL NOTIFY MR. ROBERT SNYDER OF SHA AT 410-787-7631 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MR. SNYDER WITH THE NEAREST STREET ADDRESS, ZIP CODE AND TELEPHONE NUMBERS.

SPECIAL NOTES

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

PROJECT CONTACTS:

MR. RANDALL SCOTT, ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 321-2781
MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761
MR. MICHAEL PASQUARIELLO, UTILITY ENGINEER
PHONE: (410) 321-2841
MR. RICHARD L. DAFF, SR., CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630
MR. EDWARD RODENHIZER, SIGNAL OPERATIONS CHIEF
PHONE: (410) 787-7650
MR. EUGENE BAILEY, SIGN OPERATIONS MANAGER
PHONE: (410) 787-7676

MS. ROXANE MUKAI, TRAFFIC MANAGER
MARYLAND TRANSPORTATION AUTHORITY
PHONE: (410) 537-7848

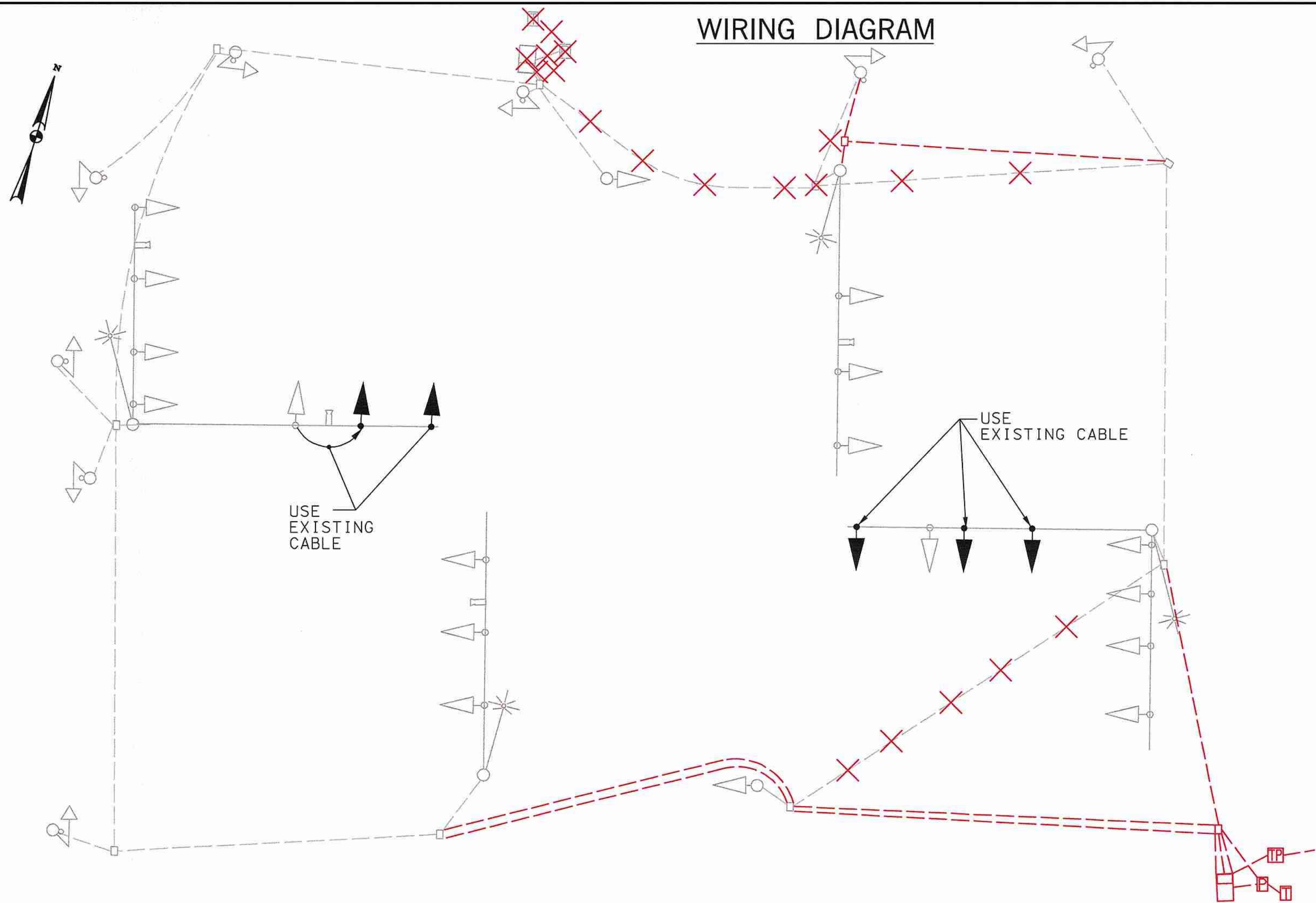
EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
973023	SHEET ALUMINUM SIGNS CONSISTING OF: R3-6(1) (30"x54") MAST ARM MOUNT R3-5(2) (30"x54") MAST ARM MOUNT R3-6(L) (30"x36") MAST ARM MOUNT	SF	38

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

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
585620	12 IN HEAT APPL WHITE PERM PREF THERMO PAVEMENT MARKINGS	LF	380
585624	24 IN HEAT APPL WHITE PERM PREF THERMO PAVEMENT MARKINGS	LF	320
813015	INSTALL OVERHEAD SIGN	SF	38
860265	RELOCATE EXISTING SIGNAL HEAD	EA	1
860284	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION	EA	14



PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
PHASE A	G	G	G	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
CHANGE A	Y	Y	Y	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE A ALT	G	G	G	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	WK	WK	DW
PED CLEARANCE	G	G	G	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	FL/DW	FL/DW	DW
CHANGE A ALT	Y	Y	Y	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE B	R	R	R	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
CHANGE B	R	R	R	Y	4Y-	4Y-	Y	Y	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE B ALT	R	R	R	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	WK	DW	DW	WK
PED CLEARANCE	R	R	R	G	4G-	4G-	G	G	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	FL/DW	DW	DW	FL/DW
CHANGE B ALT	R	R	R	Y	4Y-	4Y-	Y	Y	R	R	R	R	4R-	4R-	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW	DW
PHASE C	R	R	R	R	4R-	4R-	R	R	G	G	G	G	4G-	4G-	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW	DW
PED CLEARANCE	R	R	R	R	4R-	4R-	R	R	G	G	G	G	4G-	4G-	G	G	R	R	R	R	R	R	WK	FL/DW	FL/DW	WK	DW	DW	DW	DW
CHANGE C	R	R	R	R	4R-	4R-	R	R	Y	Y	Y	G	4G-	4G-	G	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW
PHASE D	R	R	R	R	4R-	4R-	R	R	R	R	R	G	4G-	4G-	G	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW	DW	DW
PED CLEARANCE	R	R	R	R	4R-	4R-	R	R	R	R	R	G	4G-	4G-	G	G	R	R	R	R	R	R	FL/DW	DW	DW	FL/DW	DW	DW	DW	DW
CHANGE D	R	R	R	R	4R-	4R-	R	R	R	R	R	Y	4Y-	4Y-	Y	Y	R	R	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FLY	FLY	FLY	FLY	4FLR-	4FLR-	FLY	FLY	FLY	FLY	FLY	FLY	4FLR-	4FLR-	FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR	DARK	DARK	DARK	DARK	DARK	DARK	DARK	DARK

PHASE A CAN CHANGE TO PHASE B OR PHASE B ALT.
PHASE A ALT SHALL CHANGE TO PHASE B ALT.

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLY DRIVE, HANOVER, MARYLAND 21076. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

ULTIMATE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 24 AT MD 924 (EMMORTON ROAD)
IMPROVEMENTS TO I-95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

GENERAL INFORMATION SHEET

SCALE N.T.S. DATE MARCH 2007 CONTRACT NO. KH-271-000-002(R2)

DESIGNED BY A.M./S.D./A.G. COUNTY HARFORD
DRAWN BY M. RAFFLE LOGMILE
CHECKED BY K. RINKER TMS NO. H 810
FAP NO. NONE TOD NO.

TS NO. 1948 G DRAWING PSG OF N015 SHEET NO. 472 OF 597

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 100
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

REDLINE NO. 8, MAY '10

PLOTTED: Thursday, May 13, 2010 AT 02:20 PM
FILE: R:\2003\31 MCTA 2003-01 pre_eng KCI\Task 01 MD24_I-95(Dwg)\Signal\Redline No. 8\pSG-N015_MD24.dgn