

**PROJECT DESCRIPTION
GENERAL**

THIS PROJECT INVOLVES THE MODIFICATION OF A TRAFFIC SIGNAL AT THE INTERSECTION OF MD 253 (MAYO ROAD) AND STEPNEYS LANE/LONDONTOWN ROAD IN ANNE ARUNDEL COUNTY.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING 7 NEMA PHASES. THE LEFT TURN PHASE ALONG NORTH BOUND MD 253 SHALL BE MODIFIED TO OPERATE WITH EXCLUSIVE PERMISSIVE LEFT TURN PHASING. VIDEO DETECTION CAMERAS SHALL BE INSTALLED FOR PRESENCE DETECTION AROUND THE INTERSECTION.

SPECIAL NOTES

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

PROJECT CONTACTS:

MRS. KIMBERLY TRAN, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 841-1019
MR. MARK COBLENTZ, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 841-1031
MR. CHUCK E. GEORGE, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 841-1031
MR. JOHN S. MAYS, UTILITY ENGINEER
PHONE: (410) 841-1039
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

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

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

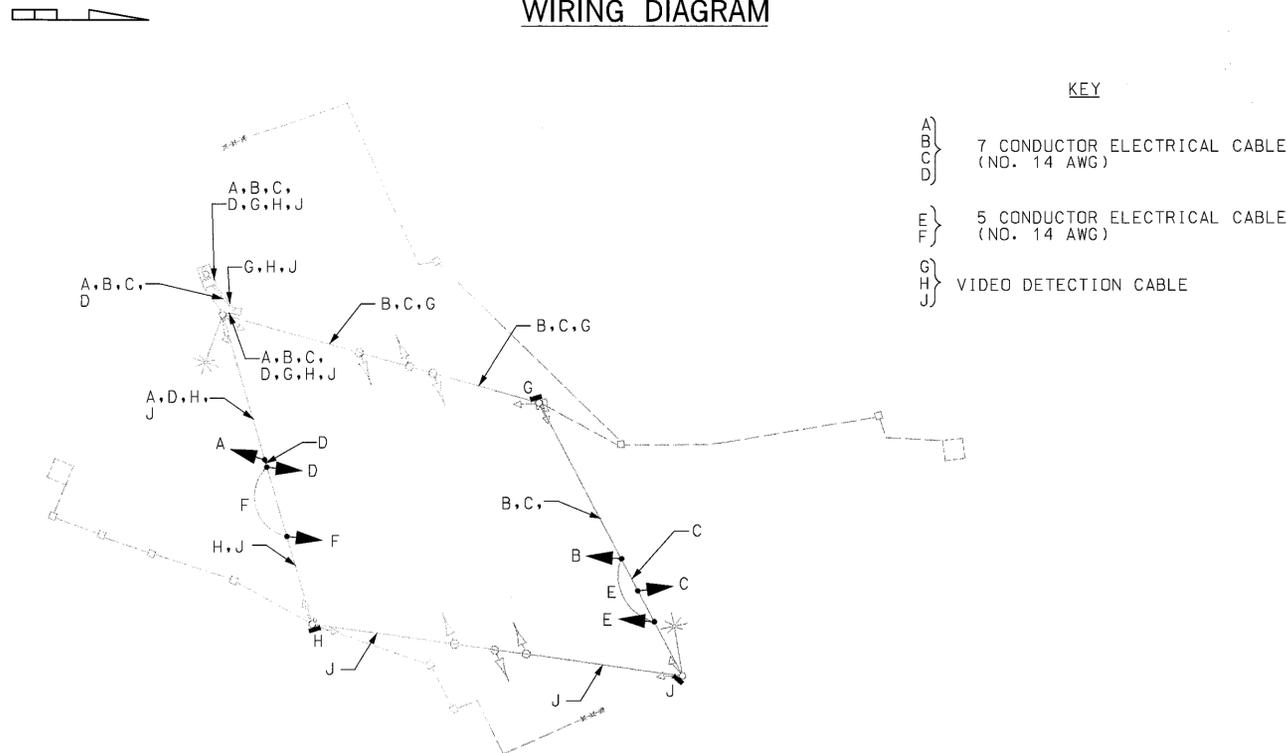
CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
9572	FLAT SHEET ALUMINUM SIGNS CONSISTING OF: R10-12 (36"x42") SPAN WIRE MOUNT GUIDE SHIELD ASSEMBLY (30"x51") STRAIN POLE MOUNT GUIDE SHIELD ASSEMBLY (48"x75") STRAIN POLE MOUNT	SF EA EA EA	83 1 2 2

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

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	1
8001	250 FOOT VIDEO CABLE TO CONTROLLER	EA	2
8003	500 FOOT VIDEO CABLE TO CONTROLLER	EA	1
8011	FURNISH AND INSTALL 12 INCH VEHICULAR SIGNAL HEAD	EA	26
8075	INSTALL OVERHEAD SIGN	SF	83
8048	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT PER ASSIGNMENT	LS	1
8049	VIDEO DETECTION CAMERA	EA	1
8084	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	100
8085	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)	LF	1200

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							
1 AND 6 CHANGE	+YG	+YG	G	R	R	R	R	R	R	R	R	R	DW							
PHASE 2 AND 5	R	R	R	+GG	+GG	G	R	R	R	R	R	R	DW							
2 AND 5 CHANGE	R	R	R	+YG	+YG	G	R	R	R	R	R	R	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	Y	R	R	R	R	R	DW							
PHASE 3 AND 7	R	R	R	R	R	R	+GR	+GR	R	+GR	+GR	R	DW							
3 AND 7 CHANGE TO 3 AND 8, 4 AND 7, OR 4 AND 8																				
PHASE 3 AND 8	R	R	R	R	R	R	R	R	R	+GG	+GG	G	DW							
3 AND 8 CHANGE	R	R	R	R	R	R	R	R	R	+YG	+YG	G	DW							
PHASE 4 AND 7	R	R	R	R	R	R	+GG	+GG	G	R	R	R	DW							
4 AND 7 CHANGE	R	R	R	R	R	R	+YG	+YG	G	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	FLY	FLY	FLY	FLY	FLY	FLY	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK							

CHA#: AAR27ASN/BEN TCD #: XX1064-57

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION PLAN
MD 253 (MAYO ROAD) AND
LONDONTOWN ROAD/STEPNEYS LANE

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

DRAWN BY: S. SMITH	F.A.P. NO. N/A	TS NO. 2305 G
CHECKED BY: S. RENZI	S.H.A. NO. XX1065485	SHEET NO.
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. G-401
DATE: AUGUST 2004	LOG MILE: 02025300.48	2 OF 2

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