PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION TO THE FIREHOUSE TRAFFIC CONTROL SIGNAL LOCATED ON MD 235 AT RESCUE LANE. HAZARD IDENTIFCATION BEACONS WILL BE INSTALLED IN ADVANCE OF THE MD 235 AT MD 245 TRAFFIC SIGNAL IN ST MARY'S COUNTY.

MD 235 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE HAZARD IDENTIFICATION BEACON OPERATES IN A FLASHING OPERATION.

PROJECT CONTACTS

THE CONTACT PERSONS ARE AS FOLLOWS:

MRS. KIMBERLT TRAN
DISTRICT ENGINEER-TRAFFIC
PHONE: 410-841-1019

MR. MARK COBLENTZ
ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: 410-841-1031

MR. ED RODENHIZER
CHIEF, SIGNAL OPERATION SECTION
PHONE: 410-787-7652

MR. JOHN S. MAYS
DISTRICT UTILITY ENGINEER
PHONE: 410-841-1039

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATION DIVISION
PHONE: 410-787-7630

MR. ROBERT SNYDER
ASST. CHIEF,
TRAFFIC OPERATION DIVISION
PHONE: 410-787-7631

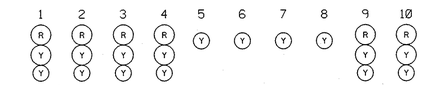
A. EQUIPMENT TO BE SUPPLIED BY THE STATE OF MARYLAND.

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
9571	42	SF	[UPDATED] SHEET ALUMINUM MAST ARM / POLE MOUNTED SIGN
	2	EA	W3-3 36" X 36" "SIGNAL AHEAD"
	2	EA	D1-1(2) 72" X 12" "SOTTERLY RD"
	2	EA	D1-1(2) 72" X 12" "HOLLYWOOD RD"

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

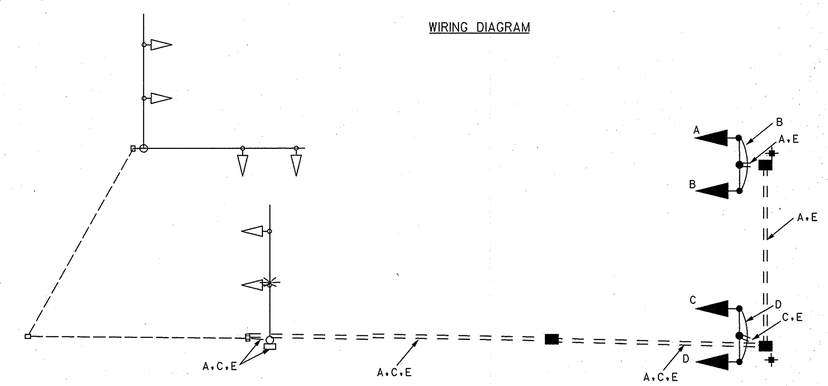
ITEM NO.	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
2002	1	CY	TEST PIT EXCAVATION
8003	4	EA	12 INCH YELLOW LED SIGNAL HEAD SECTION
8028	1	EA	REMOVE AND DISPOSE OF EQUIPMENT PER ASSIGNMENT
8040	2	CY	CONCRETE FOR SIGNAL FOUNDATION
8043	475	LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8047	100	LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8049	364	LF	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8062	3	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8064	42	SF	INSTALL OVERHEAD SIGN
8070	2	EA	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
8078	950	LF	ELECTRICAL CABLE - 5 CONDUCTOR NO 14 AWG

PHASE CHART



	1	2	3	4	5	6	7	8	9	10	
NORMAL OPERATION Phases 2 and 6	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	← → T
Pre- emption Warning	8" FL/Y QUICK	8" FL/Y QUICK	8" FL/Y QUICK	8" FL/Y QUICK	FL/Y	FL/Y	FL/Y	FL/Y	R	R	←
Waring change	12" Y	12" Y	12" Y	12" Y	FL/Y	FL/Y	FL/Y	FL/Y	R	R	→ T
Firehouse Pre-Emption	R	R	R	R	FL/Y	FL/Y	FL/Y	FL/Y	8" FL/Y	8" FL/Y	↑ ⊢
Firehouse Clearance	R	R	R	R	FL/Y	FL/Y	FL/Y	FL/Y	Y	Y	⊣
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	◁ ▷

WIRING DIAGRAM



WIRING KEY

A-D — 5 CONDUCTOR (NO.14 AWG)
E — STRANDED BARE COPPER GROUND WIRE (NO.6 AWG)
⏚ — GROUND ROD

TOD No.: AT782-56
SHA No.: SM349A53/C53
MD 235 @ MD 245

BAI BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD; SUITE 110
COLUMBIA, MARYLAND 21045
(410)-884-3607

SHA
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 235 AND RESCUE LANE AT
HOLLYWOOD VOLUNTEER FIRE DEPARTMENT

GENERAL INFORMATION PLAN

SCALE N.T.S. DATE 07/21/2006 CONTRACT NO. AT7825185

DESIGNED BY M. A. MEARS
DRAWN BY M. A. MEARS
CHECKED BY CJW
F.A.P. NO.
COUNTY ST. MARY'S
LOGMILE 18023520.71
T.I.M.S. NO. H256
TOD NO.

DRAWING NO. 3965A OF 2 SHEET NO. OF 2

PLOTTED: $DATETIME$
FILE: $FILE$

BY: $USERNAME$