PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF TWO (2) ADVANCED SCHOOL CROSSING HAZARD IDENTIFICATION BEACONS (HIB) ALONG MD 396 BETWEEN FT. SUMNER DRIVE AND BRILEY PLACE IN MONTGOMERY COUNTY.
MD 396 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE HIB'S WILL BE ACTIVATED BY TIME CLOCK FOR WEEKDAY SCHOOL CROSSINGS TO THE WESTLAND MIDDLE SCHOOL FOR THE HOURS OF 7:15 – 8:15 AM AND 2:30 – 3:30 PM.

EQUIPMENT LIST FOR CONTRACT NO. XX6555185

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADIMISTRATION

ITEM	QUANTITY	UNIT	DESCRIPTION
9037	2	EA	[UPDATED] CABINET "G" TYPE POLE MOUNT
9042	2	EA	[UPDATED] CONTROLLER ASC II WITH TELEMETRY
9571	48	SF	[UPDATED] SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN
	2	EA	S1-1(1) (96"x36") MAST ARM MOUNTED

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

ITEM	QUANTITY	UNIT	DESCRIPTION
1001	1	EA	MAINTENANCE OF TRAFFIC
2001	2	CY	CLASS 2 EXCAVATION
2002	1	CY	TEST PIT EXCAVATION
6002	165	SF	5 INCH CONCRETE SIDEWALK
8001	4	EA	12 INCH LED SIGNAL HEAD SECTION
8012	2	EA	METERED SERVICE PEDESTAL - EMBEDDED (100 AMPS)
8019	2	EA	MAST ARM POLE & 60' MAST ARM ANY 'T' DIMENSION
8030	400	LF	3 WIRE, 1 CONDUCTOR ELECTRICAL CABLE (NO. 2 AWG TWHN/THHN)
8039	50	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
1 8040	1 200	1 LF	1 ~~WOOD SIGN SUPPORTS UP TO 4'x6' (FOR RETAINING WALL)~~
8041	48	SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
8043	50	LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8046	100	LF	3 WIRE, 1 CONDUCTOR ELECTRICAL CABLE (NO. 8 AWG/THHN)
8047	2	EA	FURNISH AND INSTALL ELECTRIC HANDHOLE
8056	175	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8062	2	EA	INSTALL CONTROLLER AND CABINET - POLE MOUNT

CONTACTS

The contact persons for this project are as follows:

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Assistant District Engineer – Traffic
Phone: (301) 513-7404

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Supervisor, Sign Shop
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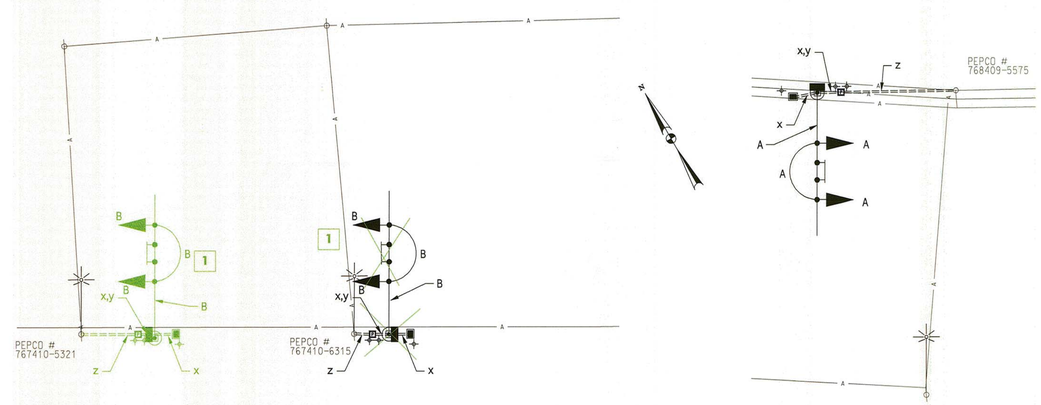
Mr. Mike Stocker
Supervisor, Signal Warehouse
Phone: (410) 787-7668

Power Company Representative – PEPCO (MONT)

PHASE CHART

	1	2	3	4
	Y	Y	Y	Y
	NORMAL OPERATION			
	DARK	DARK	DARK	DARK
	FLASHING OPERATION			
7:15-8:15 AM	FL/Y	FL/Y	FL/Y	FL/Y
2:30-3:30 PM	FL/Y	FL/Y	FL/Y	FL/Y

WIRING DIAGRAM



WIRING KEY

A,B } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

x } NO. 6 AWG STRANDED BARE COPPER GROUND WIRE

y } 3 WIRE, 1-CONDUCTOR ELECTRICAL CABLE (NO.8 AWG THHN/THWN)

z } 3 WIRES, 1-CONDUCTOR ELECTRICAL CABLE (NO.2 AWG/THHN)

+ GROUND ROD

1 GREEN LINE REVISION NO. 1 10/17/2011

10/19/2011
TEDD APPROVAL

BRUDIS & ASSOCIATES, INC.
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 396 (MASSACHUSETTS AVENUE) BETWEEN
FT. SUMNER DRIVE AND BRILEY PLACE
LITTLE FLOWER AND WESTLAND MIDDLE SCHOOLS
BETHESDA, MD

GENERAL INFORMATION PLAN SHEET

SCALE NONE ADVERTISED DATE 07/2011 CONTRACT NO. XX6555185

DESIGNED BY CW COUNTY MONTGOMERY
DRAWN BY CW LOGMILE 15039601.34
CHECKED BY JB TIMS NO. L001
F.A.P. NO. TOD NO.

TS NO. 4799 DRAWING – OF SHEET NO. 2 OF 2

PLOTTED: Monday, October 17, 2011 AT 04:09 PM
FILE: P:\09-002 TEDD\Task 66 MD 396 and Ft. Sumner Dr\Drawings\CADD\greenlines\pGG-P003_M396@Sumner.dgn

BY: davidma –