PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF HAZARD IDENTIFICATION BEACONS EAST AND WEST OF PARK SCHOOL DRIVE ALONG MD 133 IN BALTIMORE COUNTY. MD 133 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

HAZARD IDENTIFICATION BEACON OPERATION

THE HAZARD IDENTIFICATION BEACON SHALL FLASH ALTERNATIVELY AT ALL TIMES.

CONTROLLER REQUIREMENTS

A FULL-TRAFFIC-ACTUATED, EIGHT-PHASE CONTROLLER WITH INTERSECTION MONITOR AND TWO CIRCUIT FLASHER UNIT HOUSED IN A POLE MOUNTED CABINET SHALL BE FURNISHED BY SHA AND INSTALLED BY THE CONTRACTOR.

SPECIAL NOTE

UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL NOTIFY MS. CORREN JOHNSON OF SHA AT (410) 787-7630 TO ARRANGE FOR THE PHONE LINE INSTALLATION. THE CONTRACTOR IS TO PROVIDE MS. JOHNSON WITH THE NEAREST STREET ADDRESS, ZIP CODE, AND PHONE NUMBER.

CONTACT PERSONS FOR DISTRICT #4 ARE AS FOLLOWS:

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER-TRAFFIC
PHONE: (410) 229-2381

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 229-2361

MR. JESSE FREE
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (410) 229-2421

CONTACT PERSONS FOR OOTS ARE AS FOLLOWS:

MS. CORREN JOHNSON
DIVISION CHIEF,
TRAFFIC OPERATIONS
(410)787-7630

MR. EUGENE BAILEY
MANAGER, SIGN OPERATIONS
(410)787-7676

MR. ED RODENHIZER
MANAGER, SIGNAL OPERATIONS
(410)787-7650

EQUIPMENT LIST "A, B & C"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
9101	CONTROLLER CABINET "G" TYPE POLE MOUNT	EA	2
9114	2 CIRCUIT FLASHER	EA	2
9115	CONTROLLER ASC III WITH INTERSECTION MONITOR	EA	2
9571	SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN	SF	34
	1 - W1-1R FY 36"X36"		
	2 - W13-1 FY 24"X24"		
	1 - D-3(2) FY 48"x24"		
	1 - W1-1R MOD FY 36"X36"		

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

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1001	MAINTENANCE OF TRAFFIC	EA	1
2002	TEST PIT EXCAVATION	CY	2
6002	5 INCH CONCRETE SIDEWALK	SF	50
8001	12 INCH LED SIGNAL HEAD SECTION	EA	4
8009	BREAKAWAY PEDESTAL POLE (ANY SIZE)	EA	2
8012	EMBEDDED METERED SERVICE PEDESTAL (100 AMP)	EA	2
8024	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)	EA	1
8038	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED	LF	380
8040	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	60
8042	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)	SF	34
8044	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	LF	90
8047	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN	LF	195
8048	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	2
8053	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE	EA	1
8057	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)	LF	70
8063	INSTALL CONTROLLER AND CABINET - POLE MOUNT	EA	2

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

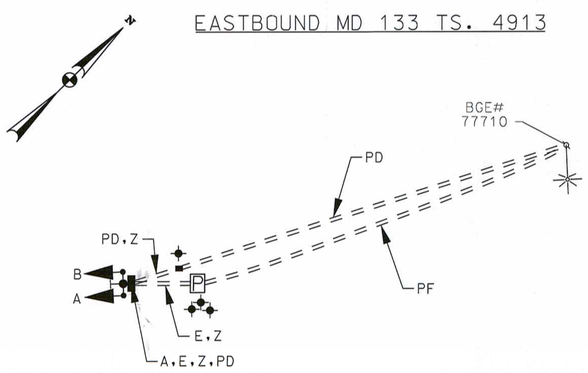
PHASING CHART

	1	2	3	4
	Ⓨ	Ⓨ	Ⓨ	Ⓨ
FLASHING OPERATION (WHEN ACTIVATED)	FL/Y	FL/Y	FL/Y	FL/Y

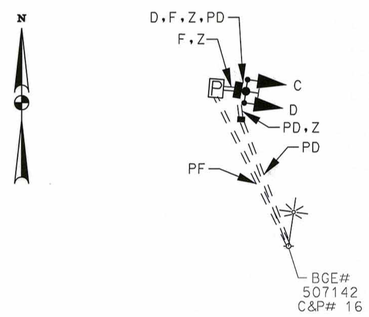
GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
3. ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
4. UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

EASTBOUND MD 133 TS. 4913



WESTBOUND MD 133 TS. 4914



WIRING KEY

A,B,C,D	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
E,F	1-CONDUCTOR ELECTRICAL CABLE (NO. 8 AWG - THHN/THWN), 3 RUNS
Z	STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
PF	PROPOSED UNDERGROUND POWER FEED
PD	PHONE DROP BY VERIZON
✦	PROPOSED GROUND ROD

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REVISIONS
1 REDLINE NO. 1 06/2013 INSERT SHEET

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

MD 133 (OLD COURT ROAD) EB & WB AT EAST & WEST OF PARK SCHOOL DRIVE
PIKESVILLE, MARYLAND

GENERAL INFORMATION SHEET

SCALE NONE DATE JUNE 2013 CONTRACT NO. XY1375185
DESIGNED BY GS COUNTY BALTIMORE
DRAWN BY GS LOGMILE 03013302.82
CHECKED BY BJG TIMS NO. L862
FAP NO. TOD NO.
TS NO. 4913-GI 4914-GI DRAWING SP-3 OF 3 SHEET NO. 3A OF 3

PLOTTED: $DATE$
FILE: $FILE$

BY: $USERNAME$