

DRILL HOLES

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PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING HAZARD IDENTIFICATION BEACON ON MD 174 (REECE ROAD) APPROXIMATELY 1350 FT. WEST OF PIONEER DRIVE IN ANNE ARUNDEL COUNTY. MD 174 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

HAZARD IDENTIFICATION BEACON OPERATION

- THE HAZARD IDENTIFICATION BEACON WILL FLASH ALTERNATELY DURING SCHOOL HOURS.
- THE EXISTING UNDERGROUND UTILITY CONNECTIONS SHALL BE DISCONNECTED BY THE OWNER PRIOR TO THE REMOVAL OF THE EXISTING DEVICE.
- THE CONTROLLER AND CABINET SHALL BE CONNECTED WITH COMMUNICATIONS MODEM VIA VERIZON. EXISTING SERVICE PHONE NUMBER IS 410-674-2033.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
1 CY	TEST PIT EXCAVATION
475 LF	5 INCH HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
25 LF	24 IN. WHITE HEAT APPLIED WHITE THERMOPLASTIC PAVEMENT MARKINGS
1 EA	"G" TYPE CABINET - POLE MOUNT
1 EA	NEMA ASTI TYPE II CONTROLLER WITH MODEM
2 EA	12 INCH LED SIGNAL HEAD SECTION (YELLOW)
1 EA	ELECTRICAL HANDHOLE
1 CY	CONCRETE FOUNDATION FOR SIGNAL
1 EA	14' BREAKAWAY PEDESTAL POLE WITH TRANSFORMER BASE
20 LF	2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
15 LF	4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
LS	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
15 LF	WOOD SIGN SUPPORTS 4 IN. X 4 IN.
60 LF	ELECTRICAL CABLE 1 - CONDUCTOR (NO. 8 A.W.G.) - THHN /THWN
30 LF	ELECTRICAL CABLE 3 - CONDUCTOR (NO. 14 A.W.G.)
20 LF	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
3 EA	34 IN. X 10 FT. GROUND ROD
1 EA	R1-1 (30" X 30") SIGN - GROUND MOUNT
1 EA	SS-1 (24" X 48") SIGN - POLE MOUNT
1 EA	METERED SERVICE PEDESTAL

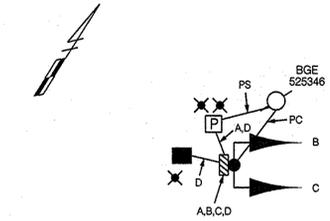
EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



WIRING KEY

A	1-CONDUCTOR ELECTRICAL CABLE (NO. 8 A.W.G.) 3 WIRE
B,C	3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
D	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
PC	PROPOSED UNDERGROUND COMMUNICATIONS BY OTHERS
PS	PROPOSED UNDERGROUND ELECTRIC SERVICE BY OTHERS
X	GROUND ROD

CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:

MS. KIMBERLY TRAN ASSISTANT DISTRICT ENGINEER - TRAFFIC (410) 841-1019	MR. JOHN MAYS ASSISTANT DISTRICT ENGINEER - MAINTENANCE (301) 841-1013
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MR. JOE HORTY
ASSISTANT DISTRICT ENGINEER - UTILITIES
(410) 841-1041

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR. CHIEF, TRAFFIC OPERATIONS (410) 787-7630	MR. EUGENE BAILEY CHIEF, SIGN OPERATIONS (410) 787-7676
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MR. ROBERT SNYDER ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS (410) 787-7631	MS. DARLENE EIDE SUPPLY OFFICE CHIEF, SIGNAL SHOP WAREHOUSE (410) 787-7668
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MR. ED RODENHIZER
CHIEF, SIGNAL OPERATIONS
(410) 787-7652

CONTACTS FOR ANNE ARUNDEL COUNTY

MR. JIM SCHROLL
TRAFFIC ENGINEERING
(410) 222-7221

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

GENERAL INFORMATION PLAN
MD 174 (WEST OF MEADE VILLAGE RD.)
SEVERN, MD

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

SCALE NONE DATE 11-10-08 CONTRACT NO. BW99082

DESIGNED BY T. ZAYDEL	COUNTY ANNE ARUNDEL
DRAWN BY T. ZAYDEL	LOGMILE 02017400.77
CHECKED BY S. RENZI	T.I.M.S. NO. J409
F.A.P. NO. NA	TOD NO.

DRAWING NO. 2494X1 GI SHEET NO. 2 OF 2