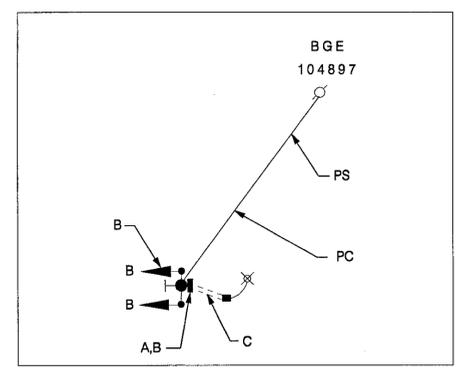
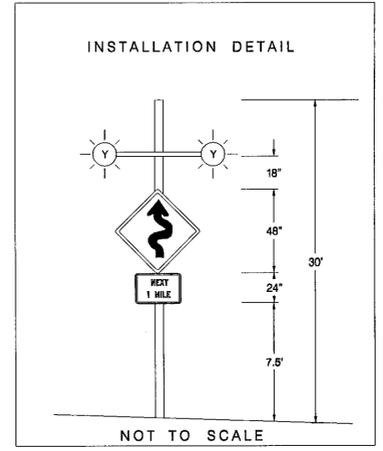
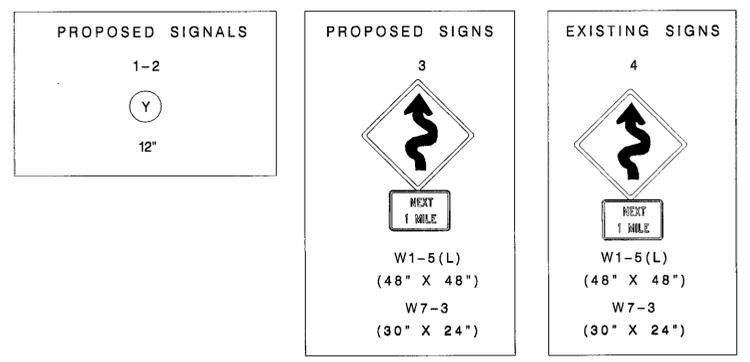
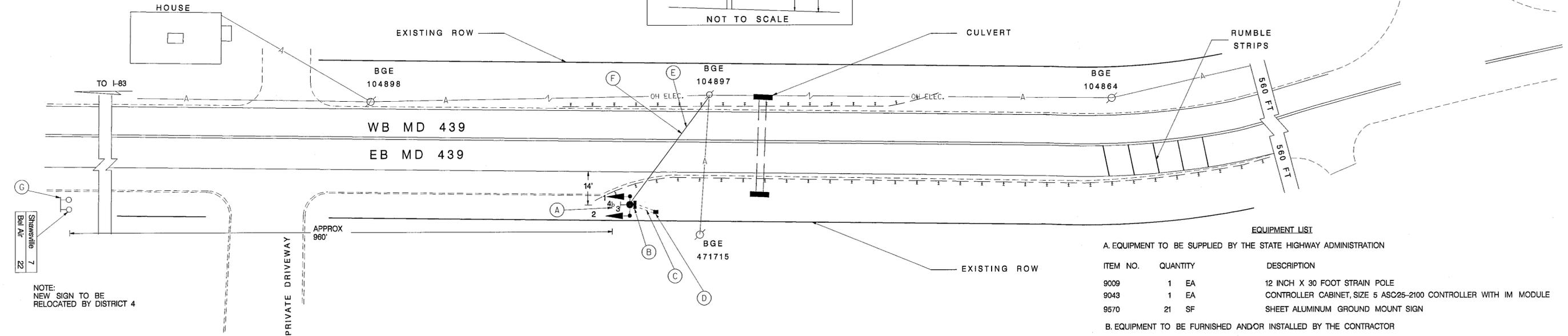


MD 439 (OLD YORK ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.



**WIRING DIAGRAM**

- A - (3) 1-C #8 AWG FOR ELECTRICAL SERVICE
- B - 3-C, ELECTRICAL CABLE NO. 14 AWG
- C - STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
- PS - PROPOSED OVERHEAD ELECTRICAL SERVICE
- PC - PROPOSED OVERHEAD COMMUNICATION SERVICE
- ⊗ 3/4 IN. X 10 FT. GROUND ROD



- CONSTRUCTION DETAILS**
- (A) REMOVE EXISTING GROUND MOUNTED SIGN, AND SUPPORT.
  - (B) INSTALL 30' STRAIN POLE, PROPOSED GROUND MOUNT SIGN, NEMA SIZE "5" POLE MOUNTED CABINET AND MOUNTING EQUIPMENT, COMMUNICATION EQUIPMENT, MOUNT FOR PEDESTAL POLE TOP, PHOTOCELL, TWO HAZARD IDENTIFICATION BEACONS AND MOUNTING EQUIPMENT, AND 3 FT. X 4 FT. X 4 FT. CONCRETE PAD. INSTALL 2-3" POLYVINYL ELECTRICAL CONDUIT BENDS IN POLE BASE.
  - (C) INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL ELECTRICAL CONDUIT (TRENCHED).
  - (D) INSTALL HANDHOLE.
  - (E) INSTALL PROPOSED OVERHEAD COMMUNICATION SERVICE.
  - (F) INSTALL PROPOSED OVERHEAD POWER SERVICE.
  - (G) REMOVE EXISTING SIGN PANEL AND POST. REMOVE SIGN FOUNDATION 12" INCHES BELOW GRADE.

- GENERAL NOTES**
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES 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 HAZARD IDENTIFICATION BEACONS WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

**PROJECT DESCRIPTION**

THIS PROJECT INVOLVES THE INSTALLATION OF A HAZARD IDENTIFICATION BEACON ALONG EASTBOUND MD 439 (OLD YORK ROAD) WEST OF LENTZ ROAD IN BALTIMORE COUNTY. MD 439 (OLD YORK ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

**EQUIPMENT LIST**

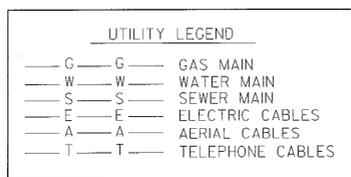
A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9009	1 EA	12 INCH X 30 FOOT STRAIN POLE
9043	1 EA	CONTROLLER CABINET, SIZE 5 ASC25-2100 CONTROLLER WITH IM MODULE
9570	21 SF	SHEET ALUMINUM GROUND MOUNT SIGN

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2002	1 CY	TEST PIT EXCAVATION
8000	56 LF	FURNISH AND INSTALL 1 1/4 INCH PVC RISER
8011	2 EA	FURNISH AND INSTALL 12 INCH VEHICULAR SIGNAL HEAD SECTION
8020	1 EA	CONTROL AND DISTRIBUTION EQUIPMENT FOR SIGNAL
8060	25 LF	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8031	1 EA	FURNISH AND INSTALL PHOTOCELL
8071	30 LF	FURNISH AND INSTALL ELECTRICAL CABLE 1-CONDUCTOR # 8 AWG-THHN/THWN
8048	1 EA	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT
8091	10 LF	FURNISH AND INSTALL 2 INCH PVC ELECTRICAL CONDUIT-TRENCHED
8057	3 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION. (NOTE ANCHOR BOLTS ARE INCIDENTAL TO FOUNDATION)
8041	1 EA	INSTALL 30 FOOT STRAIN POLE
8072	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8074	21 SF	INSTALL GROUND MOUNTED SIGN
8080	1 EA	FURNISH AND INSTALL 3/4 INCH DIAMETER X 10 FOOT LENGTH GROUND ROD
8083	30 LF	FURNISH AND INSTALL ELECTRICAL CABLE-3 CONDUCTOR (NO. 14 AWG)
8092	1 EA	INSTALL CONTROLLER AND CABINET-POLE MOUNT
8047	2 EA	REMOVE AND DISPOSE FOUNDATION 12" BELOW GRADE

C. MATERIAL TO BE REMOVED AND RETURNED TO THE STATE HIGHWAY ADMINISTRATION  
ALL REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR



MR. RANDALL SCOTT  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
410-321-3514

MR. STEVE MARCISZEWSKI  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
410-787-7630

MS. SUENETTE POPE  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
410-321-3456

MR. RICHARD DAFF SR.  
CHIEF, TRAFFIC OPERATIONS DIVISION  
410-787-7630

BGE WMS #1031530

**CENTURY ENGINEERING, INC.**  
CONSULTING ENGINEERS - PLANNERS  
32 WEST ROAD  
TOWSON, MARYLAND 21284

REVISIONS	APPROVALS
	<i>[Signature]</i> 7-23-03 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 7-23-03 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 7-23-03 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 7-23-03 DIRECTOR, TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
SIGNAL PLAN  
MD 439 AND LENTZ ROAD

DRAWN BY: C.O.D.	F.A.P. NO. 4265	TS NO. 4265	SHEET NO. 1 OF 1
CHECKED BY: T.M.H.	S.H.A. NO. BA/MSU/BSA	T.I.M.S. NO. F598	
SCALE: 1" = 20'	COUNTY: BALTIMORE	LOG MILE: 0304390.24	
DATE: 7/03			