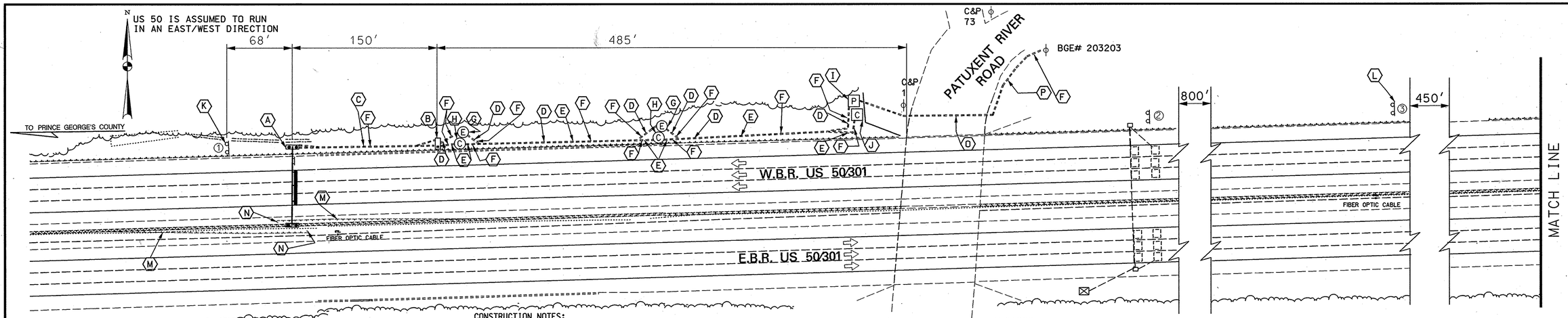
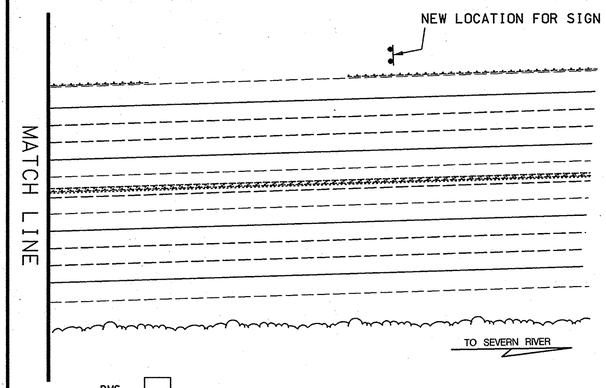
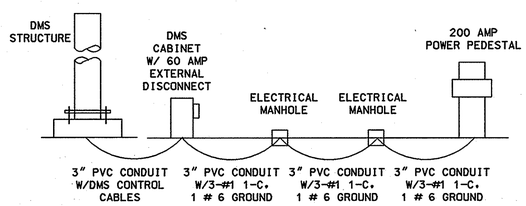






CONSTRUCTION NOTES:

(A) INSTALL OVERHEAD SIGN STRUCTURE OH-1, NPS BROWN, DYNAMIC MESSAGE SIGN, SHAZAM SIGN, IDENTIFICATION SIGNS, CATWALK PLATFORM NPS BROWN, AND CONSTRUCT FOUNDATION AS DETAILED ON SHEETS 9, 10, 11, AND 12 OF 23. INSTALL TWO-THREE INCH SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN SHOULDER SIDE FOOTING.

(B) INSTALL ONE BASE MOUNTED FIELD EQUIPMENT CABINET NPS BROWN WITH DYNAMIC MESSAGE SIGN CONTROL EQUIPMENT AND 60 AMP EXTERNAL NEMA 4X DISCONNECT SWITCH AS DETAILED ON SHEET 21 OF 23.

(C) INSTALL TWO, THREE INCH SCHEDULE 80 PVC CONDUITS FOR DYNAMIC MESSAGE SIGN POWER AND CONTROL CABLES.

(D) INSTALL ONE, THREE INCH SCHEDULE 80 PVC CONDUIT WITH THREE #1 1-C THHN/THWN CABLES FOR ELECTRICAL SERVICE, AND ONE #6 GROUND WIRE.

(E) INSTALL ONE, THREE INCH SCHEDULE 80 PVC CONDUIT WITH 5 PAIR, 22 AWG SHIELDED COPPER CABLE FOR COMMUNICATION SERVICE.

(F) OPEN/CLOSE TRENCH (8"W x 30"D).

(G) INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR ELECTRICAL SERVICE.

(H) INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR COMMUNICATION SERVICE.

(I) INSTALL POWER PEDESTAL EQUIPPED WITH METER SOCKET AND A 200 AMP MAIN BREAKERS. CONNECT LOAD SIDE CABLE TO ONE 60 AMP BREAKER. ELECTRICAL SERVICE CONNECTION TO BE COMPLETED BY OTHERS. FACE METER SOCKET TOWARDS CHAIN LINK FENCE TO BE READ BY UTILITY REPRESENTATIVE.

(J) INSTALL COMMUNICATION PEDESTAL.

(K) RELOCATE GROUND MOUNTED SIGN (1) AND SUPPORTS TO SIGN LOCATION (3) USING EXISTING FOUNDATIONS. REMOVE FOUNDATIONS 12 INCHES BELOW GRADE.

(L) RELOCATE GROUND MOUNTED SIGN (3) AND SUPPORTS APPROXIMATELY 800 FEET EAST OF EXISTING LOCATION. INSTALL NEW FOUNDATIONS AT PROPOSED LOCATION.

(M) REMOVE AND RESET TRAFFIC BARRIER W BEAM.

(N) INSTALL TRAFFIC BARRIER W BEAM END TREATMENT NPS BROWN AS PER STANDARD MD 660.02.

(O) INSTALL ONE, FOUR INCH SCHEDULE 80 PVC CONDUIT, BORED FOR POWER COMPANY USE.

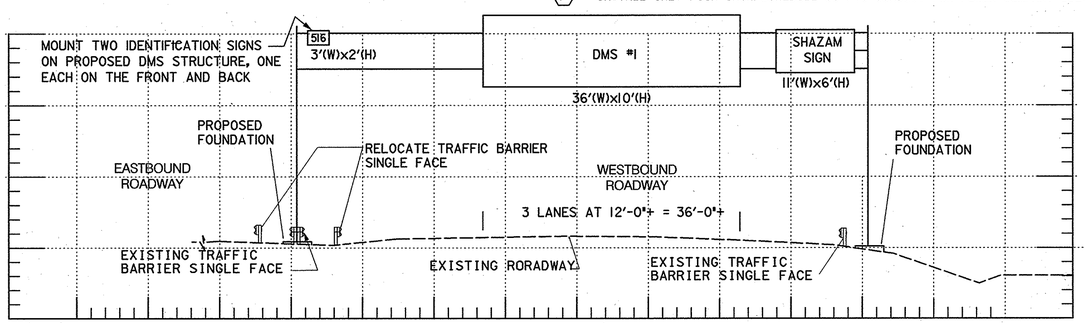
(P) INSTALL ONE, FOUR INCH SCHEDULE 80 PVC CONDUIT FOR POWER COMPANY USE.

SPECIAL NOTES:

1. THERE ARE FIBEROPTIC COMMUNICATION CABLES INSTALLED IN THE MEDIAN ALONG THE FULL LENGTH OF THIS SITE. THE CONTRACTOR SHALL CONTACT LEVEL 3 COMMUNICATIONS AT 1-887-366-8344 AT LEAST 72 HOURS BEFORE WORKING IN THE MEDIAN.
2. THE CONTRACTOR SHALL REMOVE THE TWO EXISTING SHAZAM SIGNS AND SUPPORTS LOCATED APPROXIMATELY 1500 FEET WEST OF THE PROPOSED DMS STRUCTURE. ONE SIGN IS TO BE INSTALLED ON THE PROPOSED OVERHEAD STRUCTURE AND THE OTHER IS TO BE RETURNED TO THE SHA. THE FOUNDATIONS ARE TO BE REMOVED TO 12 INCHES BELOW GRADE AND THE CONTRACTOR SHALL REMOVE AND RESET THE MEDIAN TRAFFIC BARRIER.

GENERAL NOTES:

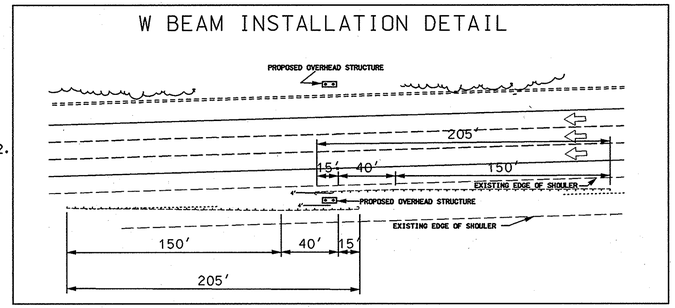
1. THE ELECTRICAL SERVICE SHALL BE PROVIDED FROM BGE POLE #203203. THE COMMUNICATION SERVICE SHALL BE PROVIDED FROM C&P POLE # 1.
2. AT A MINIMUM, THE FOLLOWING MSHA WORK ZONE TRAFFIC CONTROL (WZTC) TYPICALS SHALL BE USED FOR THE WORK SHOWN IN THIS PLAN: MD 104.27-01 (TEMPORARY CONCRETE BARRIER TO BE USED AS CHANNELIZING DEVICE), MD 104.52, MD 104.56-01, AND MD 104.82 (USE OF PORTABLE VARIABLE MESSAGE SIGN REQUIRED). ADDITIONAL WZTC TYPICALS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.



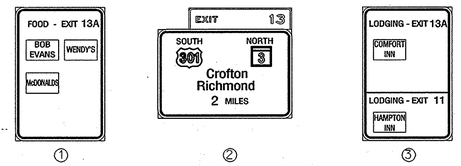
1

SITE DMS NO. 1

W BEAM INSTALLATION DETAIL



EXISTING SIGNS



THE BGE ADDRESS IS:
R #1743 LERCH FARM COURT

LEGEND

DIRECTION OF TRAFFIC

LEGEND

- NEMA 6 BASE MOUNTED DMS CABINET
- (E),(C) ELECTRICAL/COMMUNICATION MANHOLE
- PROPOSED CONDUIT
- EXISTING CONDUIT
- (P) 200 AMP POWER PEDESTAL
- (C) COMMUNICATION PEDESTAL
- EXISTING LUMINAIRE
- EXISTING ATR CABINET
- EXISTING SIGN
- PROPOSED SIGN

REVISIONS
1 REDLINE #1 06/29/01

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 50/301 AT ANNE ARUNDEL/PRINCE GEORGE'S COUNTY LINE
(DMS No. 1)

DRAWN BY: S.S.P.	F.A.P. NO. IDG-97-1(55)N	PLAN SHEET NO.:	SHEET NO. 3 OF 23
CHK. BY: T.M.H.	S.H.A. NO. AW6965186		
SCALE: 1"= 50'	COUNTY ANNE ARUNDEL		

o:*TRANSDWG*97006*29*US50 US301 VMS1*July2000*d389vms1.dgn 06/11/02