MD 155 is considered to run in an East/West direction.

EXISTING SIGNS

13 — YIELD

15

EXISTING SIGN TO BE REMOVED

14 — STOP

PROPOSED SIGNS

7a, 8b — Bulle Rock PKWY →

7b, 8a — ← Bulle Rock PKWY

D-3(2) (Var.x 16") Dual-faced

9 — ONLY — R3-5(L) (30"x36")

10 — EAST MARYLAND 155 — Shield Assembly (30"x 51")

11 — WEST MARYLAND 155 — Shield Assembly (48"x 75")

12 — TO CHESTER 95 — Shield Assembly (48"x 75")

16, 17 — NEW — Bulle Rock Pkwy — D-3(2) (Var. x 16")

Temporary Sign W 3-3 (48" x 48")

PROPOSED SIGNALS

1-6 — R Y G — 12" L.E.D.

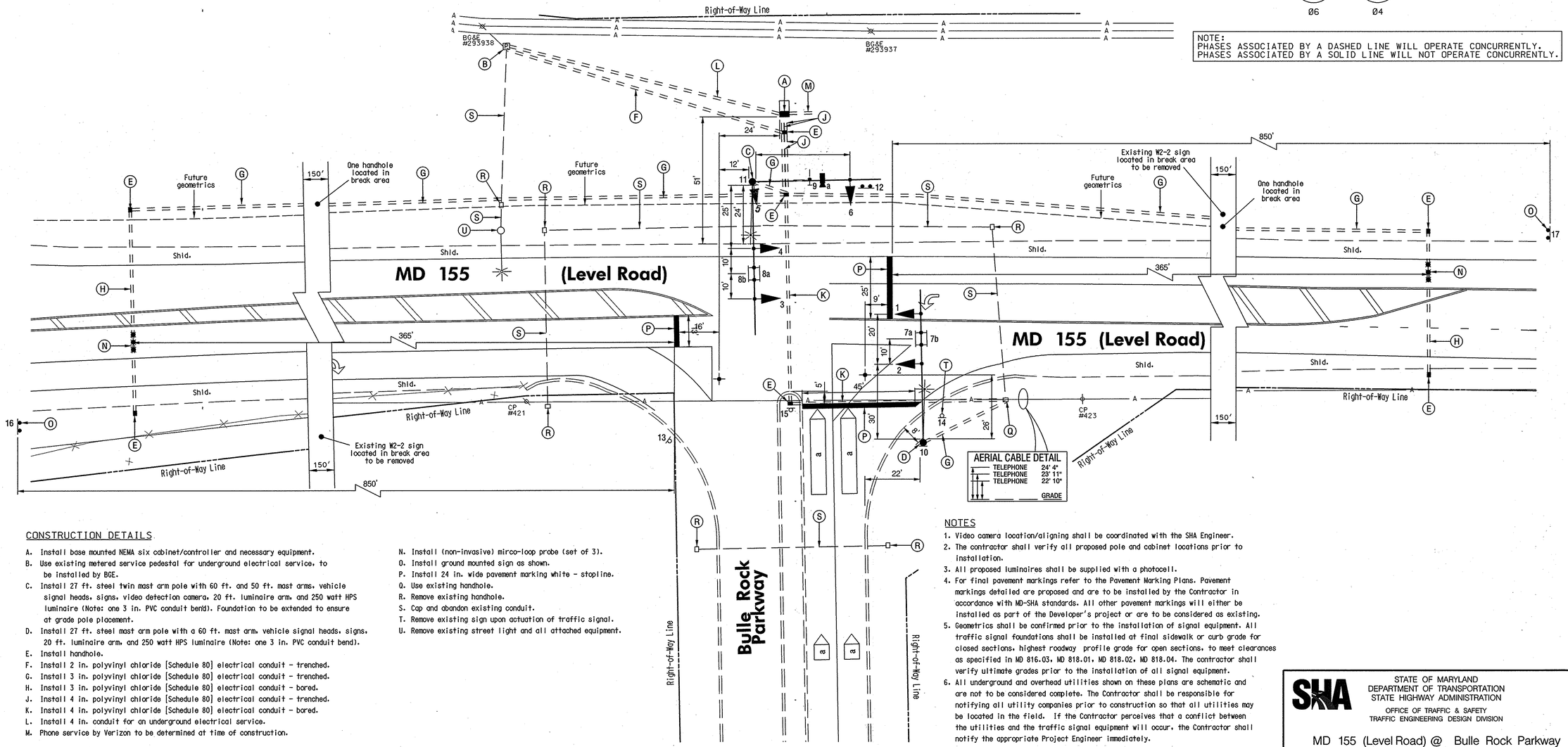
a — Proposed Video Detection

NEMA PHASING

Ø2, Ø6, Ø4

FLASHING OPERATION

NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

A. Install base mounted NEMA six cabinet/controller and necessary equipment.
B. Use existing metered service pedestal for underground electrical service, to be installed by BGE.
C. Install 27 ft. steel twin mast arm pole with 60 ft. and 50 ft. mast arms, vehicle signal heads, signs, video detection camera, 20 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend). Foundation to be extended to ensure at grade pole placement.
D. Install 27 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, signs, 20 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
E. Install handhole.
F. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
G. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
L. Install 4 in. conduit for an underground electrical service.
M. Phone service by Verizon to be determined at time of construction.
N. Install (non-invasive) mirco-loop probe (set of 3).
O. Install ground mounted sign as shown.
P. Install 24 in. wide pavement marking white - stopline.
Q. Use existing handhole.
R. Remove existing handhole.
S. Cap and abandon existing conduit.
T. Remove existing sign upon actuation of traffic signal.
U. Remove existing street light and all attached equipment.

NOTES

1. Video camera location/aligning shall be coordinated with the SHA Engineer.
2. The contractor shall verify all proposed pole and cabinet locations prior to installation.
3. All proposed luminaires shall be supplied with a photocell.
4. For final pavement markings refer to the Pavement Marking Plans. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
5. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
6. 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 all 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 traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

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

MD 155 (Level Road) @ Bulle Rock Parkway

The Traffic Group, Inc.
Suite H
9900 Franklin Square Drive
Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601

GEOMETRIC LEGEND: EXISTING / PROPOSED

UTILITY LEGEND: SD STORM DRAIN; G GAS MAIN; W WATER MAIN; S SEWER MAIN; E ELECTRIC CABLES; A AERIAL CABLES; T TELEPHONE CABLES; F FIBER-OPTIC

These plans are approved for construction for a period 1 year from the date of approval. Should construction not begin within this time frame these plans shall be null and void without a review from the Traffic Engineering Design Division.

APPROVALS	REVISIONS
TEAM LEADER 7-20-07	
ASST. DIV. CHIEF 7-20-07	
DIVISION CHIEF 7-20-07	
OFFICE DIRECTOR 7/20/07	

TRAFFIC SIGNAL PLAN

SCALE 1" = 20'	DATE July 19, 2007	CONTRACT NO. BW996M82	
DESIGNED BY F. Brownley		COUNTY Harford	
DRAWN BY F. Brownley		LOGMILE 12015506.93	
CHECKED BY –		TIMS NO. 1137	
FAP NO. N/A		TOD NO.	
TS NO. 4588	DRAWING –	OF	SHEET NO. 1 OF 2

PLOTTED: Thursday, July 19, 2007 AT 05:34 PM
FILE: F:\1999\1999-0102A\DES\traffic signal\pSG-P001_md 155-bulle rock-interim.dgn

BY: FBrownley