BRIGGS CHANEY ROAD IS ASSUMED TO RUN IN A EAST/WEST DIRECTION

PROPOSED SIGNS

14 — NO TURN ON RED — R10-11(B) (24"X24")

9,10 — ONLY — R3-5(L) (30"X36")

11,12 — Outlet DR (DUAL FACE) D-3(2) (VAR. X 16")

13 — Briggs Chaney RD (3000) D-3(1) (VAR. X 16")

PROPOSED SIGNALS

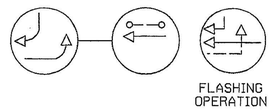
3,4 — 4R, 4Y, 4G — 12"

1,2,5,6 — R, Y, G — 12"

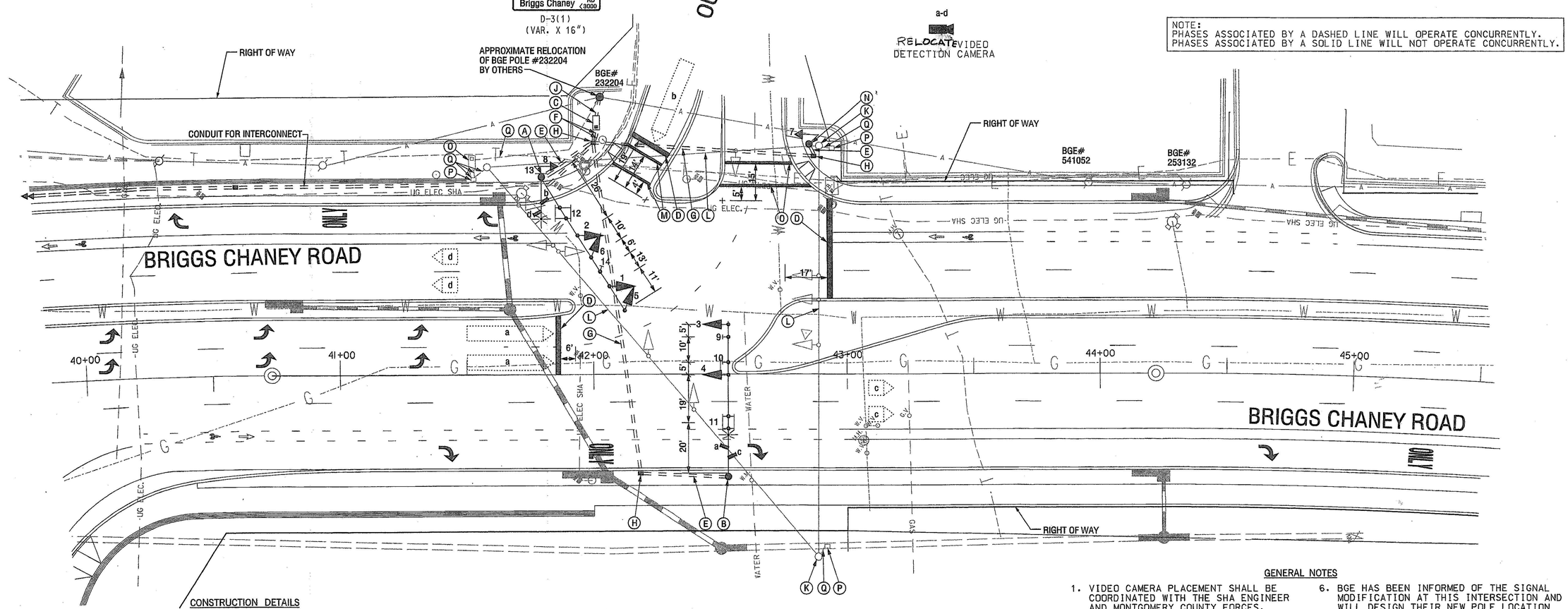
7,8 — 12"

a-d — RELOCATE VIDEO DETECTION CAMERA

NEMA PHASING



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



CONSTRUCTION DETAILS

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION, 250 WATT HPS LUMINAIRE WITH PHOTOCELL, PEDESTRIAN SIGNAL HEAD AND 15' LIGHTING BRACKET ARM (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 41+80 LT. 78'.

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION, 250 WATT HPS LUMINAIRE WITH PHOTOCELL AND 15' LIGHTING BRACKET ARM (NOTE: ONE-3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 42+55 RT. 40'.

C. INSTALL CONCRETE FOUNDATION WITH BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE (NOTE: SCHEDULE 80 CONDUIT BENDS). STA. 42+04 LT. 103'.

D. INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.

E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.

F. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.

G. INSTALL 2-4 IN. PVC SHEDULE 80 ELECTRICAL CONDUIT – TRENCHED.

H. INSTALL HANDHOLE.

J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT – TRENCHED. STUB OUT CONDUIT BEND AT BASE OF THE POWER POLE WITH A 1/4 IN. PULLSTRING (BGE # 232204).

K. REMOVE EXISTING SIGNAL POLE FOUNDATION AND BACKFILL 12 IN. BELOW GRADE.

L. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

M. INSTALL 12 IN. WHITE, HEAT APPLIED, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.

N. INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, SIGNAL HEADS AND 1-2 IN. PVC CONDUIT. (NOTE: ONE 2 IN. SCHEDULE 80 CONDUIT BEND).

O. REMOVE EXISTING BASE MOUNTED CABINET AND BACK FILL 12 IN. BELOW GRADE.

P. REMOVE EXISTING HANHOLE AND BACK FILL 12 IN. BELOW GRADE.

Q. CAP AND ABANDON EXISTING CONDUIT.

GENERAL NOTES

1. VIDEO CAMERA PLACEMENT SHALL BE COORDINATED WITH THE SHA ENGINEER AND MONTGOMERY COUNTY FORCES.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PROJECT PAVEMENT MARKING PLANS.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT; ANY CONFLICTS WITH THESE UTILITIES, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. ALL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
6. BGE HAS BEEN INFORMED OF THE SIGNAL MODIFICATION AT THIS INTERSECTION AND WILL DESIGN THEIR NEW POLE LOCATION AND WIRES OUT OF CONFLICT WITH THE SIGNAL.

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
- C—T — CABLE TV

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED BY _____ CHIEF, TRANS. SYSTEM MANAGEMENT SECTION
REVIEWED BY _____ ENGINEERING SERVICES SPECIALIST DIV. OF TRAFFIC AND PARKING SERVICES
APPROVED BY _____ CHIEF, DIV. OF TRAFFIC AND PARKING SERVICES

SABRA, WANG & ASSOCIATES, INC.
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SUITE 160
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

REVISIONS

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APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

ORIGINAL ON FILE

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

BRIGGS CHANEY ROAD AT OUTLET DRIVE INTERCHANGE IMPROVEMENTS

GP-01

DRAWN BY:		F.A.P. NO.		TS NO. 10774 C
CHECKED BY:		S.H.A. NO.		SHEET NO.
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F-357
DATE:		LOG MILE:	15CBR103.42	436 OF 504

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