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

PROPOSED SIGNS

16,17,23,24 — R3-5(L) (30" x 36")

18 — M95-1(MOD.) 108"X36"

25 — R10-11(B) (24" x 24")

21 — R3-6(R) (30" x 36") DELETE

22 — D-3(1) (VAR. X 16")

R10-4C MOD (12"X 9") INSTALLED AT CROSSING WITH NO PUSHBUTTON

EXISTING SIGNS TO REMAIN

20

19

BGE #492252

PROPOSED SIGNALS

7-9, 10, 5,6, 15 — 12" 12" 12" 12"

a-c — RELOCATE OVERHEAD VIDEO DETECTION CAMERA

EXISTING SIGNALS TO REMAIN

1, 2,11, 3, 4, 12-14

d — OVERHEAD VIDEO DETECTION CAMERA

NEMA PHASING

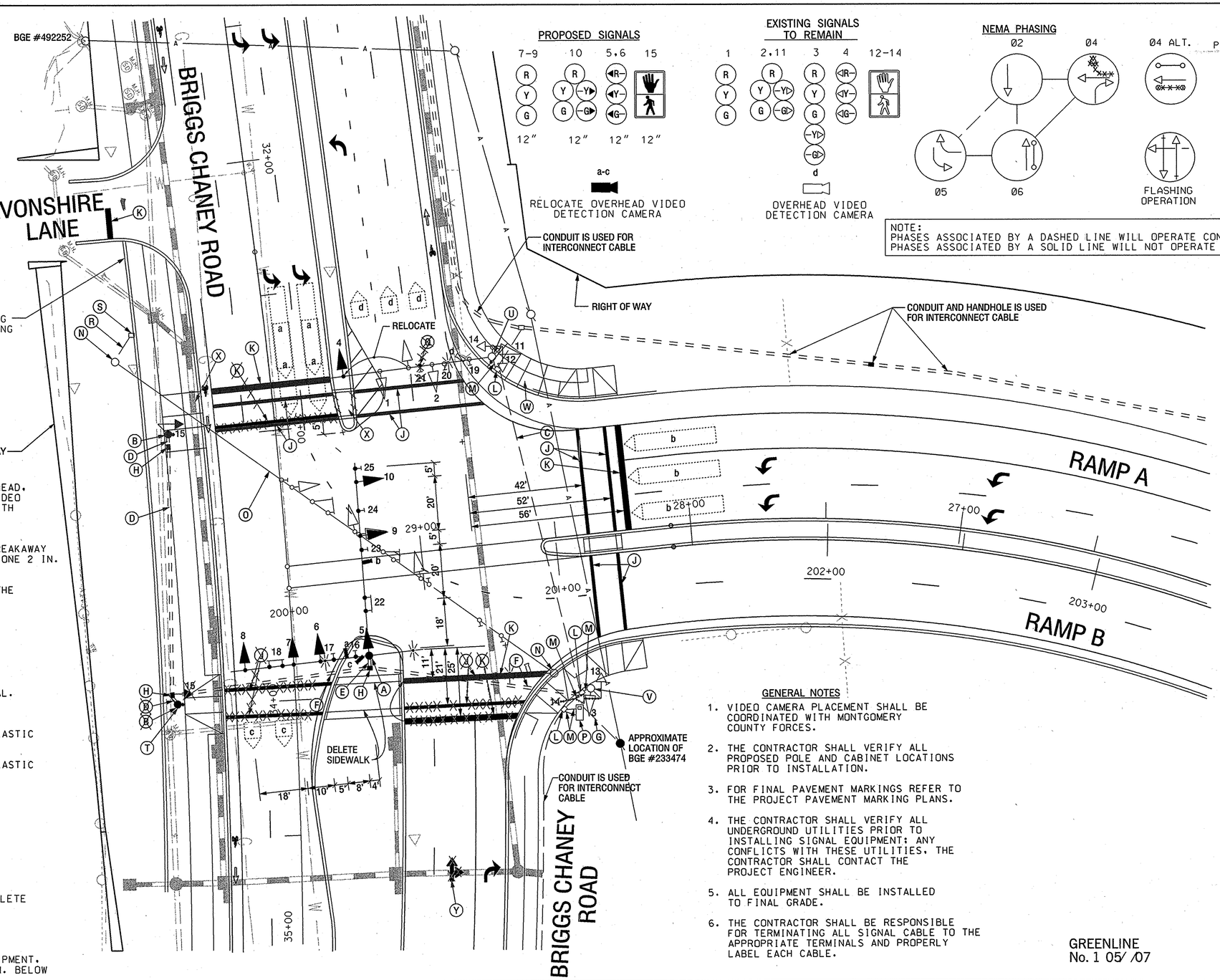
02, 04, 05, 06

04 ALT.

FIREHOUSE PRE-EMPTION PHASE 02 AND 05

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 CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SIGNAL HEAD, TWIN 70 AND 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION, 15 FT LIGHTING BRACKET ARMS, AND 250 WATT LUMINAIRES WITH PHOTOCELL (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 33+86 LT. 28'.

B. INSTALL CONCRETE FOUNDATION WITH 10 FT STEEL PEDESTAL POLE WITH BREAKAWAY BASE SIGNAL HEADS, PUSHBUTTON AND SIGN, AND 2" PVC CONDUIT (NOTE: ONE 2 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. ~~33+07~~ 32+98 RT. 44'.

C. USE ONE OF THE EXISTING 4 IN. PVC CONDUIT PIPES INSTALLED DURING THE CONSTRUCTION OF MOT PHASE 1A OF THE TEMPORARY INTERCONNECT. (SEE TEMP-I/C 5 IN THE TEMPORARY INTERCONNECT PLANS)

D. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

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

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

G. CONDUIT WAS INSTALLED DURING MOT PHASE 4 FOR BGE TO ENERGIZE SIGNAL.

H. INSTALL HANDHOLE

J. INSTALL 12 IN. WHITE, HEAT APPLIED, PERMANENT, PREFORMED, THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.

K. INSTALL 24 IN. WHITE, HEAT APPLIED, PERMANENT, PREFORMED, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.

L. USE EXISTING HANDHOLE.

M. USE EXISTING CONDUIT.

N. REMOVE EXISTING STRAIN POLE AND BACKFILL 12 IN. BELOW GRADE.

O. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.

P. USE EXISTING CABINET.

~~Q. INSTALL PROPOSED SIGN 21 TO EXISTING MAST ARM AS SHOWN ON PLAN~~ DELETE

R. CAP AND ABANDON EXISTING CONDUIT.

S. REMOVE EXISTING HANDHOLE THEN BACKFILL 12 IN. BELOW GRADE.

T. REMOVE EXISTING PEDESTAL POLE, BREAKAWAY BASE, AND ALL SIGNAL EQUIPMENT. RELOCATE TO NEW LOCATION AS SHOWN ON PLAN. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

U. INSTALL PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON TO EXISTING POLE.

V. REMOVE PEDESTRIAN SIGNAL HEAD NO.14 AND PUSHBUTTON EQUIPMENT FROM POLE. RELOCATE AS SHOWN.

W. REMOVE CONCRETE CURB AND GUTTER AND INSTALL ADA RAMP MD STANDARD 655.12.

X. INSTALL DEPRESSED CURB AND GUTTER FOR ADA RAMP MD STANDARD 655.21

Y. REMOVE PAVEMENT MARKING ARROWS.

GENERAL NOTES

1. VIDEO CAMERA PLACEMENT SHALL BE COORDINATED WITH 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

GREENLINE No. 1 05/ /07

GP-05

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

ORIGINAL ON FILE

SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE
SUITE 160
BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

REVISIONS
5/07 GREENLINE NO. 1. RELOCATE PED XING TO WEST SIDE
SWA

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 US 29 RAMP A & B INTERCHANGE IMPROVEMENTS

DRAWN BY:		F.A.P. NO.	SEE TITLE SHEET	TS NO. 1485 C	SHEET NO.
CHECKED BY:		S.H.A. NO.	8685170		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. F-357	440 OF 504
DATE:	FEBRUARY 2003	LOG MILE:	15CBRI03.25		

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