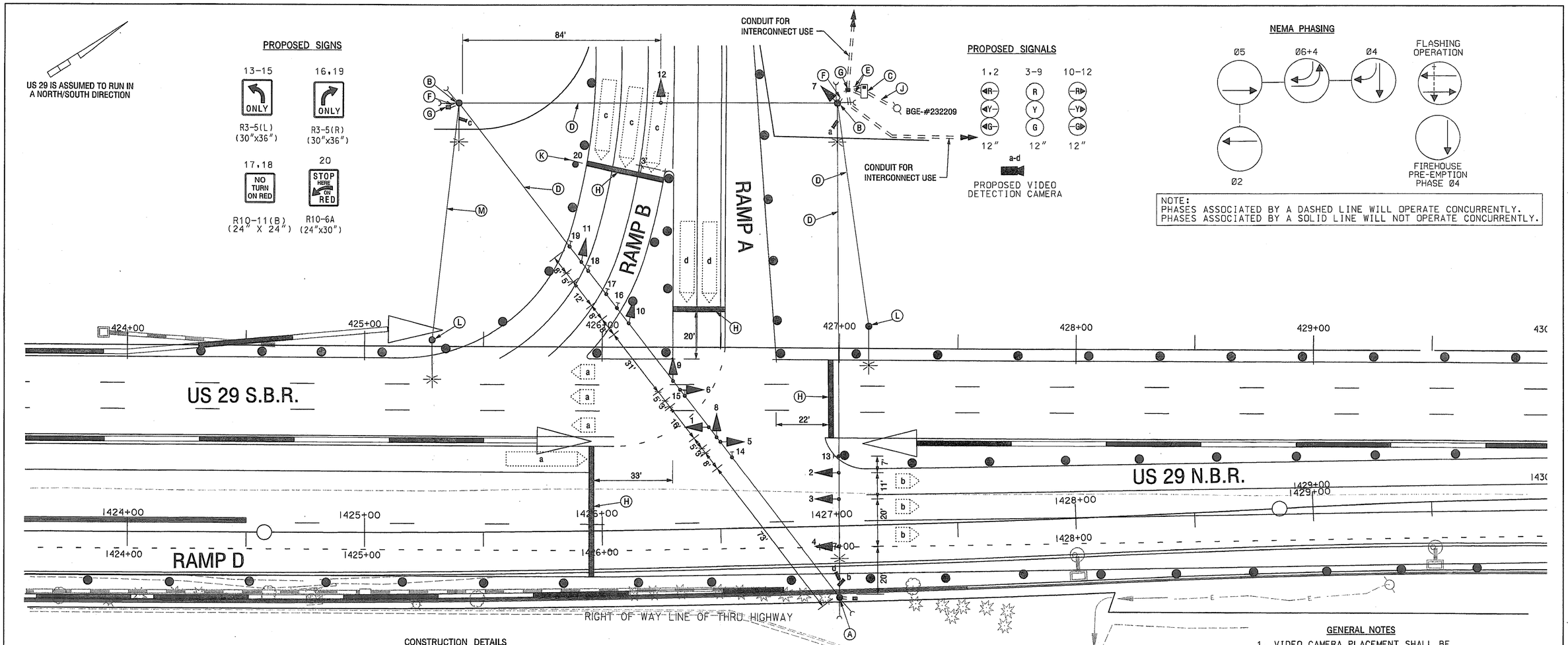
US 29 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

PROPOSED SIGNS

13-15 ONLY — R3-5(L) (30"x36")	16,19 ONLY — R3-5(R) (30"x36")
17,18 NO TURN ON RED — R10-11(B) (24" X 24")	20 STOP HERE ON RED — R10-6A (24"x30")



PROPOSED SIGNALS

1,2	3-9	10-12
R, Y, G	R, Y, G	R, Y, G
12"	12"	12"

a-d PROPOSED VIDEO DETECTION CAMERA

NEMA PHASING

Ø5 — Ø6+4 — Ø4 — Ø2

FLASHING OPERATION

FIREHOUSE PRE-EMPTION PHASE Ø4

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 14" x 32' (TWO PLY) STEEL SIGNAL POLE WITH SPAN WIRE, 15' LIGHTING BRAKET ARM WITH PROPOSED VIDEO DETECTION CAMERA, 250 WATT HPS LUMINAIRE WITH PHOTOCELL. PROPOSED VIDEO CAMERA ON LIGHTING ARM AND BACKGUY AND ANCHOR ASSEMBLIES (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 1427+00 RT. 30'.

B. INSTALL CONCRETE FOUNDATION WITH A 14" x 32' (TWO PLY) STEEL SIGNAL POLE WITH SPAN WIRE, 15' LIGHTING BRACKET ARM WITH PROPOSED VIDEO CAMERA 250 WATT HPS LUMINAIRE WITH PHOTOCELL AND BACKGUY AND ANCHOR ASSEMBLIES 2-3 IN. WEATHERHEADS (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 1425+40 LT. 181', STA. 1427+02 LT.178'.

C. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. STA. 1427+15 LT. 183'

D. INSTALL 3/8 IN. STEEL SPAN WIRE WITH 1/4 IN. TETHER WIRE, SIGNAL HEADS, AND SIGNS AS SHOWN.

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

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

G. INSTALL HANDHOLE.

H. INSTALL 24 IN. WHITE, PERMANENT, PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

J. INSTALL 3 IN PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED STUB OUT CONDUIT BEND AT THE BASE OF THE UTILITY POLE PROVIDE 1/4 IN. PULLSTRING IN CONDUIT. (BGE POLE HAS NO NUMBER)

K. INSTALL WOOD POST WITH GROUND MOUNTED SIGN AS SHOWN.

L. INSTALL 40' TEMPORARY WOOD POLE CLASS II WITH 15' LIGHTING BRACKETARM, 250 WATT HPS LUMINAIRE WITH PHOTOCELL AND POWER SERVICE TO THE CABINET.

M. INSTALL 3/8 IN. STEEL SPAN WIRE W/LIGHTING CABLE.

GENERAL NOTES

1. VIDEO CAMERA PLACEMENT SHALL BE COORIDINATED WITH MONTGOMERY COUNTY.
2. THE CONTRACTOR SHALL VERIFY ALL TEMPORARY POLE LOCATIONS PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING TEMPORARY TRAFFIC SIGNAL EQUIPMENT: ANY CONFLICTS WITH THESE UTILITIES, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
4. SIGNAL HEADS WIRING SHALL HAVE A MINIMUM OF 140' OF SLACK CABLE FOR RE-ALINGNING.

MAINTENANCE OF TRAFFIC LEGEND

- TRAFFIC CONTROL DRUM
- IMPACT ATTENUATOR
- TRAFFIC BARRIER

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

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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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WWW.SABRA-WANG.COM

REVISIONS	APPROVALS
	TEAM LEADER/TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	2-21-03 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	2-21-03 DIRECTOR, OFFICE OF TRAFFIC & SAFETY

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

TSP 18

M.O.T. STAGE 1 /PHASE B & STAGE 2

BRIGGS CHANEY ROAD AT RAMP A AND RAMP B INTERCHANGE IMPROVEMENTS

DRAWN BY:	S SMITH	F.A.P. NO.	SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	M036851T0	4223	
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO.	
DATE:	FEBRUARY 2003	LOG MILE:	I5002907.64	F-357	131 OF 504