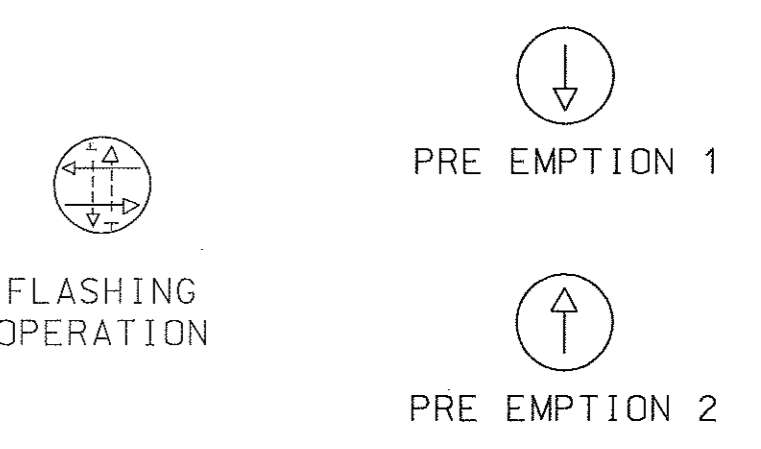
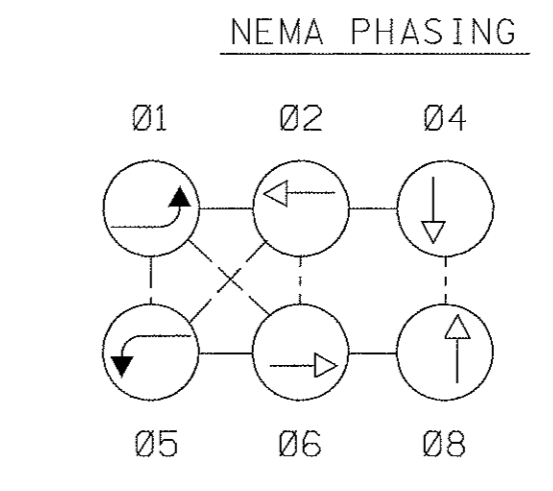
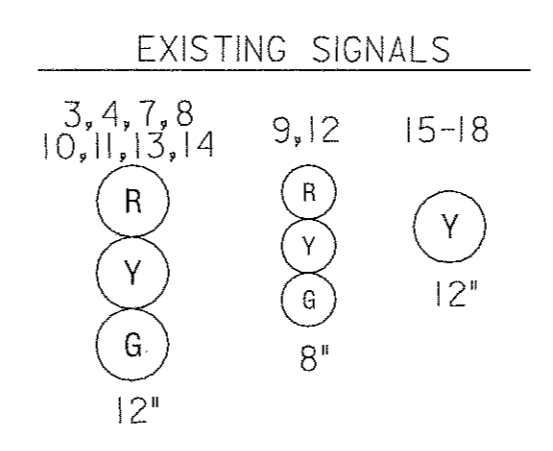
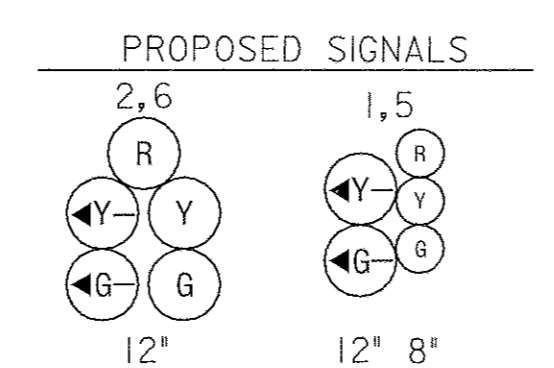
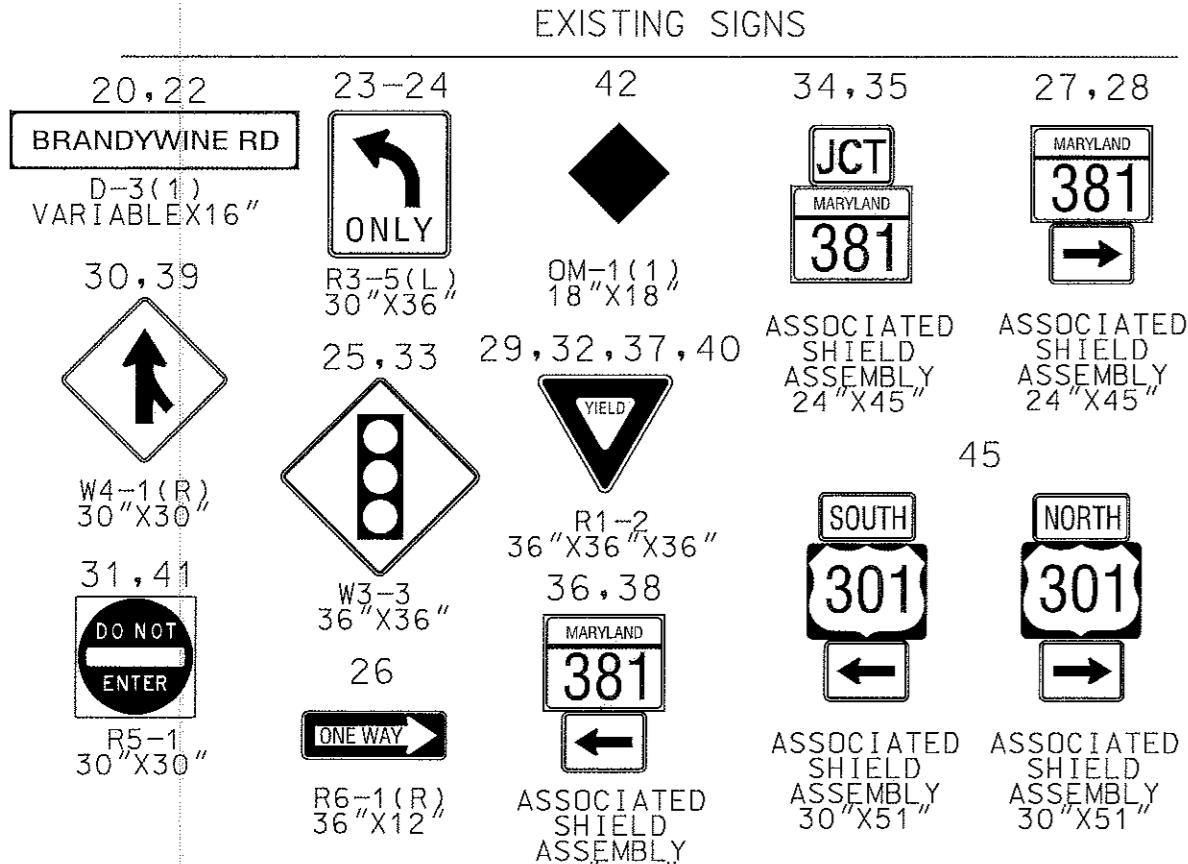
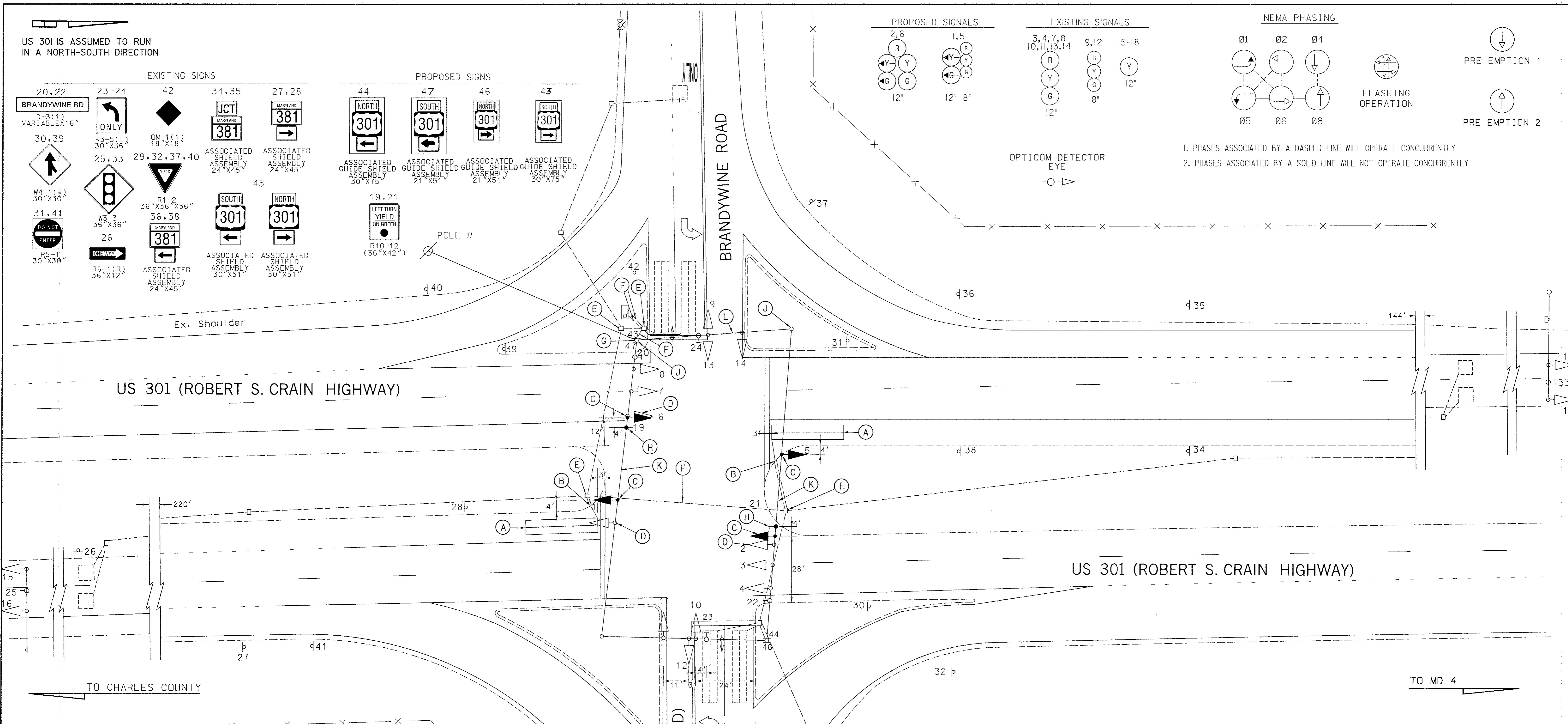


US 301 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION



1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- A. Furnish and Install 6' x 30' quadrupole loop Detector (3-6-3 turns).
- B. Furnish and Install 1" galvanized Steel Conduit for detector sleeve.
- C. Furnish and Install signal heads on existing span wire as shown.
- D. Remove existing signal heads as shown.
- E. Use existing handbox.
- F. Use existing conduit.
- G. Install new load switch and 4 channel rack mounted amplifier and electrical wiring in controller cabinet. Label all in coming cables.
- H. Install overhead signs on existing span wire as shown.
- J. Use existing strain pole.
- K. Use and re-ring existing span wire, adjust span height on pole to maintain roadway signal head clearances.
- L. Re-ring existing span wire.

GEOMETRIC LEGEND

----- EXISTING
===== PROPOSED

UTILITY LEGEND

SD - STORM DRAIN
G - GAS MAIN
W - WATER MAIN
S - SEWER MAIN
E - ELECTRIC CABLES
A - AERIAL CABLES

GENERAL NOTES:

- 1. LOOP DETECTORS AND CONDUITS ARE TO BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.

SABRA, WANG & ASSOCIATES, INC.
1506 JOH AVENUE
SUITE 100
BALTIMORE, MD 21227
TEL: 410-782-6664

REVISIONS		APPROVALS	
①	ADD LEFT TURN PHASES NB & SB ON US 301	9/00	
②	INSTALL OPTICOM DETECTOR EYE EB AND WB BRANDYWINE ROAD	2/00	
③	INSTALL LOOP DETECTORS, CONDUIT AND HANDHOLES	5/97	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 301 (ROBERT S. CRAIN HIGHWAY)
AT MD 381/BRANDYWINE ROAD

DRAWN BY: JASON BOBER
CHECKED BY: [Signature]
SCALE: 1"=20'

F.A.P. NO. P 269X-335
S.H.A. NO. 33641350815
COUNTY: PRINCE GEORGE'S

TS NO. 596-E
T.I.M.S. NO.

SHEET NO.