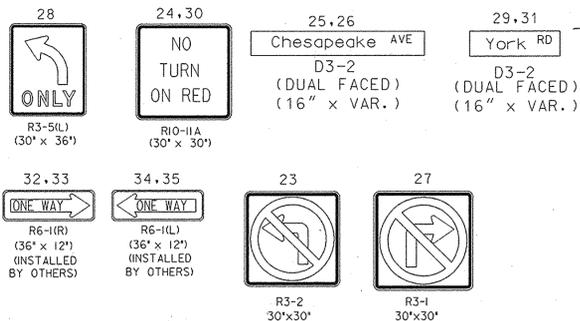
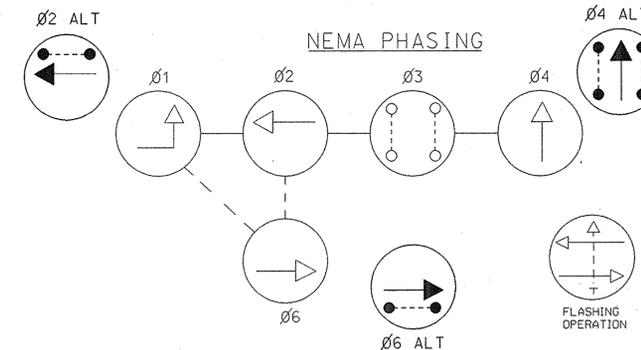
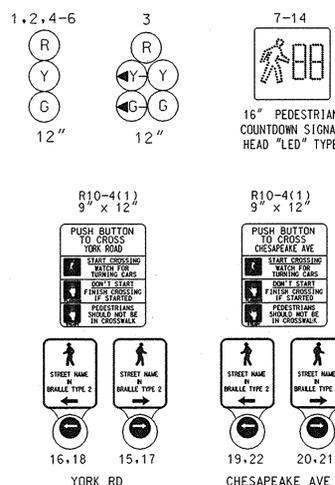


NOTE: MD 45 US ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

EXISTING SIGNS

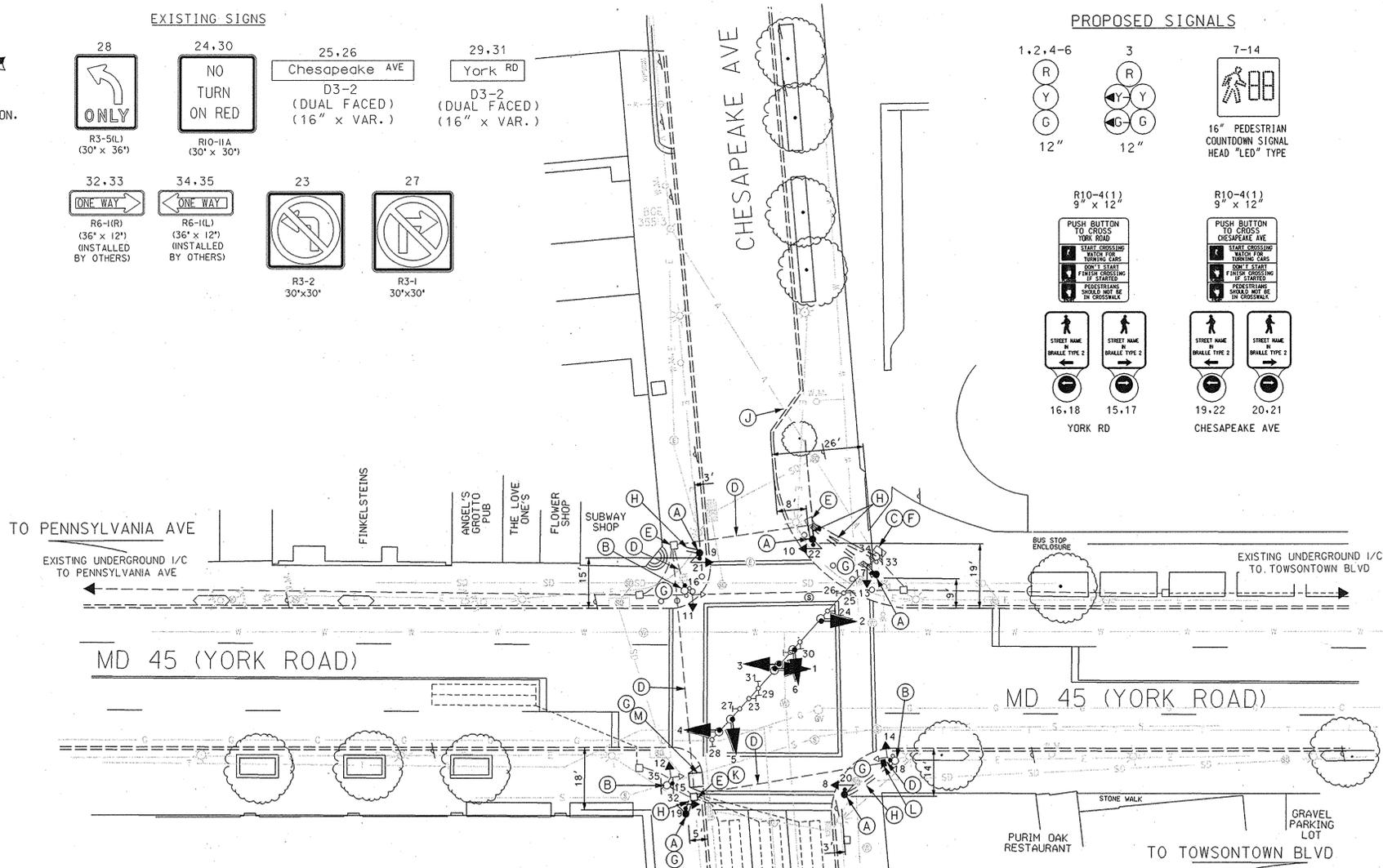
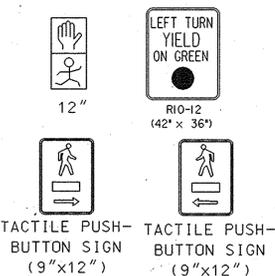


PROPOSED SIGNALS



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

EXISTING SIGNALS AND SIGNS TO BE REMOVED



CONSTRUCTION DETAILS

- A. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE. COUNTDOWN PEDESTRIAN SIGNAL HEAD AND AUDIBLE TACTILE PUSHBUTTON STATION AND SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
- B. USE EXISTING PEDESTAL POLE, REMOVE EXISTING PEDESTRIAN SIGNAL HEADS AND EXISTING AUDIBLE TACTILE PUSHBUTTON STATION SIGN. INSTALL COUNTDOWN PEDESTRIAN SIGNAL HEAD AND NEW AUDIBLE TACTILE PUSHBUTTON STATION AND SIGN. (NOTE: DISCONNECT EXISTING PEDESTRIAN SIGNAL CABLE AND AUDIBLE TACTILE PUSHBUTTON STATION SIGN CABLE AND REMOVE CABLE FROM CONDUITS.)
- C. USE EXISTING MAST ARM POLE. REMOVE EXISTING PEDESTRIAN SIGNAL HEADS. REMOVE EXISTING AUDIBLE TACTILE PUSHBUTTON STATION AND R10-12 SIGN. REPLACE EXISTING SIGNAL HEADS WITH 12 IN. BLACK FACE LED SIGNAL HEADS. INSTALL 3" PVC CONDUIT IN EXISTING POLE BASE. (NOTE: DISCONNECT EXISTING PEDESTRIAN SIGNAL CABLE AND AUDIBLE TACTILE PUSHBUTTON STATION SIGN CABLE AND REMOVE CABLE FROM CONDUITS.)
- D. USE EXISTING CONDUIT.
- E. USE EXISTING ELECTRICAL HANDHOLE.
- F. USE EXISTING CONTROLLER AND CABINET.
- G. REMOVE & RESET DECORATIVE BRICK AND INSTALL 4 IN. CONCRETE SIDEWALK.
- H. INSTALL 3" PVC CONDUIT - TRENCHED.
- J. USE EXISTING SERVICE
- K. REBUILD HANDHOLE - NEW FRAME AND COVER
- L. LOCATE EXISTING CONDUIT AND PULL BACK EXISTING CABLE AND RE-ROUTE THROUGH NEW HANDHOLE. INSTALL ELECTRICAL HANDHOLE ON TOP OF EXISTING CONDUIT.
- M. INSTALL HANDICAP RAMP. (NOTE: RE-USE EXISTING DECORATIVE BRICK)

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

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE 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 UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
**MD 45 (YORK ROAD) AND
 CHESAPEAKE AVENUE**

APPROVALS	REVISIONS
TEAM LEADER	ADD COUNTDOWN PEDESTRIAN SIGNALS AND UPDATED SIGNAL AND APS 5/3/08
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

SCALE 11/20/98 DATE 11/20/98 CONTRACT NO. 8-165-501-476
 DESIGNED BY R. CICCHINI COUNTY BALTIMORE
 DRAWN BY LOGMILE 03004501.94
 CHECKED BY T.I.M.S. NO. G 723
 F.A.P. NO. TOD NO.
 DRAWING NO. 1 OF 2 SHEET NO. OF

BAI
 BRUDIS & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 9220 RUMSEY ROAD SUITE 110
 COLUMBIA, MARYLAND 21045
 410-884-3607 410-884-3609(FAX)

BY: \$USERNAME\$

PLOTTED: \$DATE\$ TIME: \$TIME\$ FILE: \$FILE\$