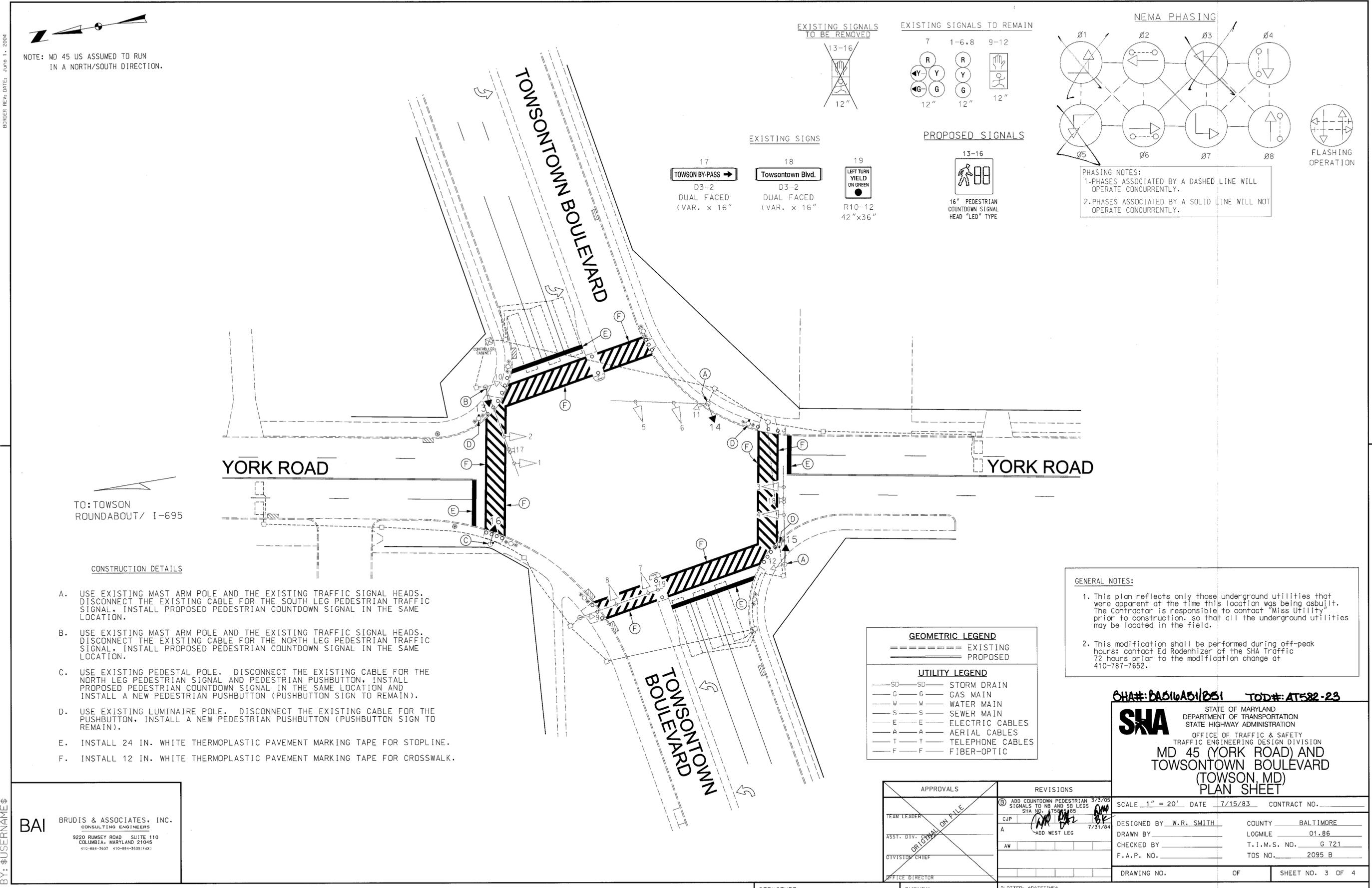
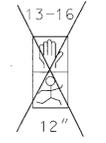


BY: \$USERNAME\$

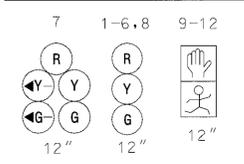


NOTE: MD 45 US ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

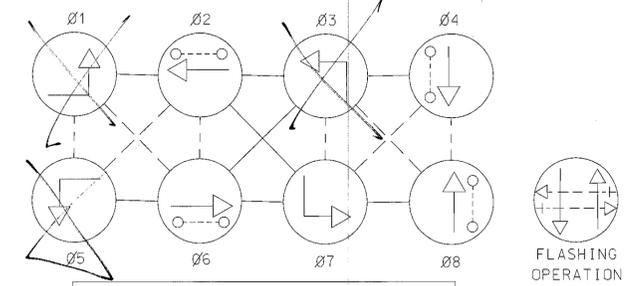
EXISTING SIGNALS TO BE REMOVED



EXISTING SIGNALS TO REMAIN

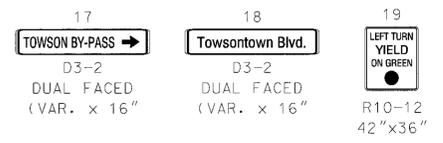


NEMA PHASING



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

EXISTING SIGNS



PROPOSED SIGNALS



CONSTRUCTION DETAILS

- A. USE EXISTING MAST ARM POLE AND THE EXISTING TRAFFIC SIGNAL HEADS. DISCONNECT THE EXISTING CABLE FOR THE SOUTH LEG PEDESTRIAN TRAFFIC SIGNAL. INSTALL PROPOSED PEDESTRIAN COUNTDOWN SIGNAL IN THE SAME LOCATION.
- B. USE EXISTING MAST ARM POLE AND THE EXISTING TRAFFIC SIGNAL HEADS. DISCONNECT THE EXISTING CABLE FOR THE NORTH LEG PEDESTRIAN TRAFFIC SIGNAL. INSTALL PROPOSED PEDESTRIAN COUNTDOWN SIGNAL IN THE SAME LOCATION.
- C. USE EXISTING PEDESTAL POLE. DISCONNECT THE EXISTING CABLE FOR THE NORTH LEG PEDESTRIAN SIGNAL AND PEDESTRIAN PUSHBUTTON. INSTALL PROPOSED PEDESTRIAN COUNTDOWN SIGNAL IN THE SAME LOCATION AND INSTALL A NEW PEDESTRIAN PUSHBUTTON (PUSHBUTTON SIGN TO REMAIN).
- D. USE EXISTING LUMINAIRE POLE. DISCONNECT THE EXISTING CABLE FOR THE PUSHBUTTON. INSTALL A NEW PEDESTRIAN PUSHBUTTON (PUSHBUTTON SIGN TO REMAIN).
- E. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOPLINE.
- F. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE FOR CROSSWALK.

GENERAL NOTES:
 1. This plan reflects only those underground utilities that were apparent at the time this location was being asbuilt. The Contractor is responsible to contact "Miss Utility" prior to construction, so that all the underground utilities may be located in the field.
 2. This modification shall be performed during off-peak hours: contact Ed Rodenhizer of the SHA Traffic 72 hours prior to the modification change at 410-787-7652.

GEOMETRIC LEGEND

===== EXISTING
 _____ PROPOSED

UTILITY LEGEND

—SD—SD— STORM DRAIN
 —G—G— GAS MAIN
 —W—W— WATER MAIN
 —S—S— SEWER MAIN
 —E—E— ELECTRIC CABLES
 —A—A— AERIAL CABLES
 —T—T— TELEPHONE CABLES
 —F—F— FIBER-OPTIC

SHA#: ~~DA510A51/051~~ TOD#: AT582-23

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 45 (YORK ROAD) AND
 TOWSON TOWNSHIP BOULEVARD
 (TOWSON MD)
 PLAN SHEET

BAI BRUDIS & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 9220 RUMSEY ROAD SUITE 110
 COLUMBIA, MARYLAND 21045
 410-884-3507 410-884-3609 FAX

APPROVALS	REVISIONS
TEAM LEADER	⑥ ADD COUNTDOWN PEDESTRIAN SIGNALS TO NB AND SB LEGS 3/3/05
ASST. DIV. CHIEF	CJP SHA NO. AT582-23
DIVISION CHIEF	A ADD WEST LEG 7/31/84
OFFICE DIRECTOR	

SCALE 1" = 20'	DATE 7/15/83	CONTRACT NO.
DESIGNED BY W.R. SMITH	COUNTY BALTIMORE	
DRAWN BY	LOGMILE 01.86	
CHECKED BY	T.I.M.S. NO. G 721	
F.A.P. NO.	TOS NO. 2095 B	
DRAWING NO.	OF	SHEET NO. 3 OF 4