

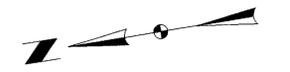
BORDER REV. DATE: June 1, 2004

DRILL HOLES

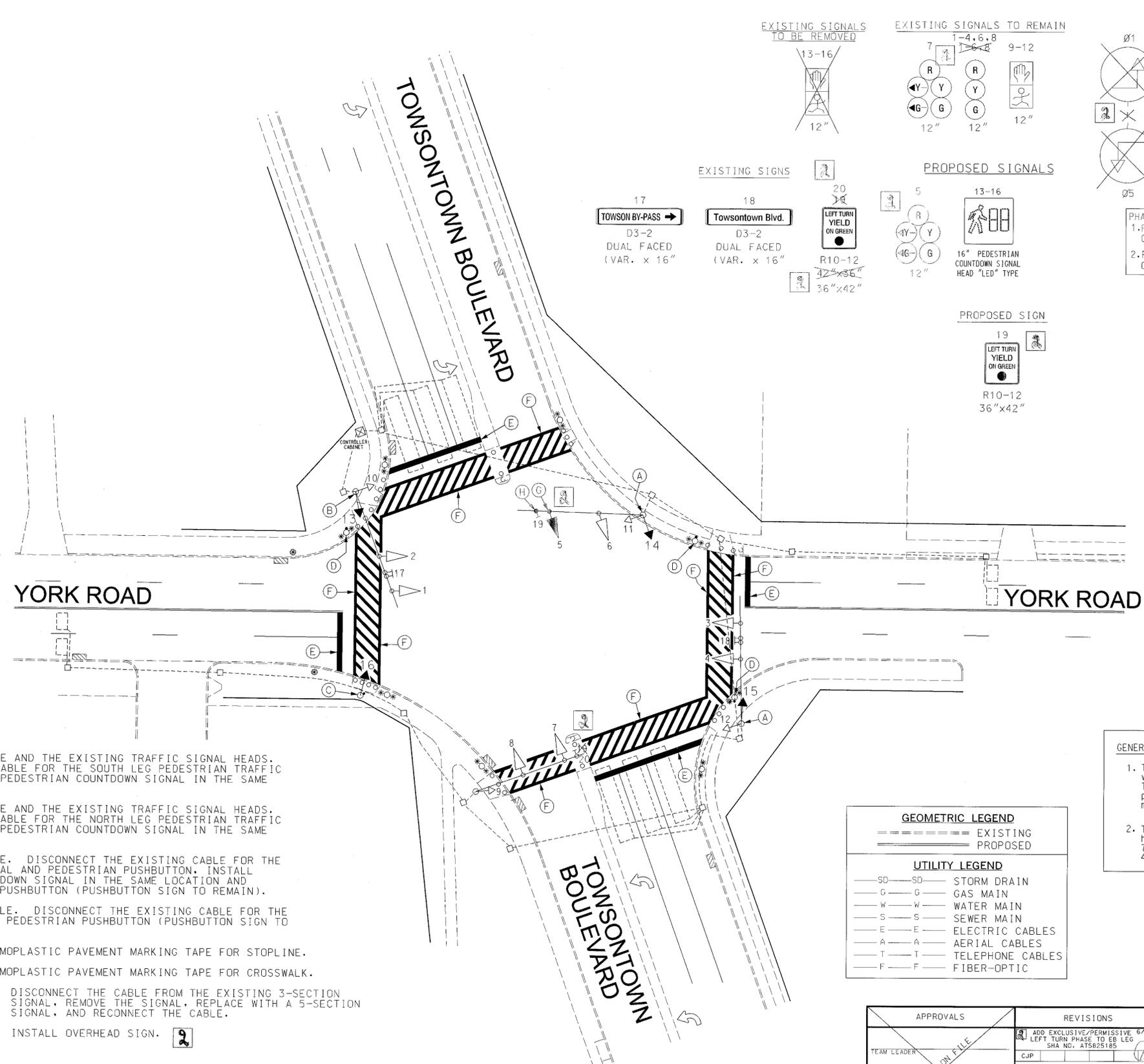
DRILL HOLES

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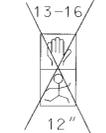
BY: \$USERNAME\$



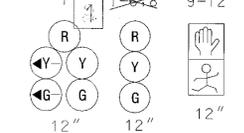
NOTE: MD 45 US ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.



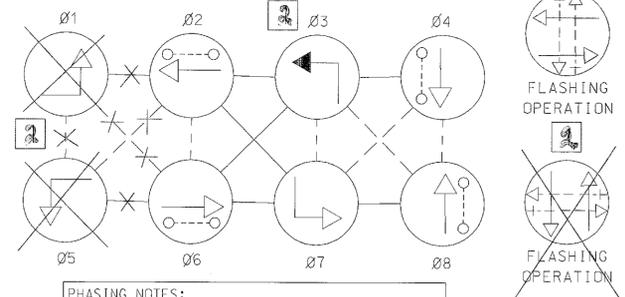
EXISTING SIGNALS TO BE REMOVED



EXISTING SIGNALS TO REMAIN

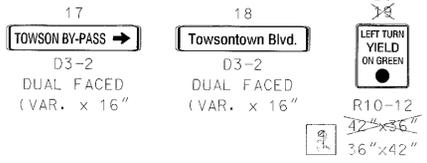


NEMA PHASING

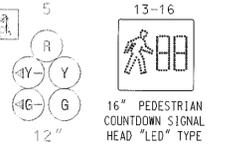


PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS



PROPOSED SIGNALS



PROPOSED SIGN



TO: TOWSON ROUNDABOUT/ I-695

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.
- G. DISCONNECT THE CABLE FROM THE EXISTING 3-SECTION SIGNAL. REMOVE THE SIGNAL. REPLACE WITH A 5-SECTION SIGNAL. AND RECONNECT THE CABLE.
- H. INSTALL OVERHEAD SIGN.

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

GENERAL NOTES:

- 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.
- 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.

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

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

APPROVALS	REVISIONS
TEAM LEADER	A ADD EXCLUSIVE/PERMISSIVE 6/1/05 LEFT TURN PHASE TO EB LEG SHA NO. AT5825185
ASST. DIV. CHIEF	B ADD COUNTDOWN PEDESTRIAN 3/3/05 SIGNALS TO NB AND SB LEGS SHA NO. AT5825185
DIVISION CHIEF	C A ADD WEST LEG 7/31/84
OFFICE DIRECTOR	AW

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

STRUCTURE INVENTORY NO.

SURVEY BOOK NO.

PLOTTED: #DATE#
FILE: #FILE#