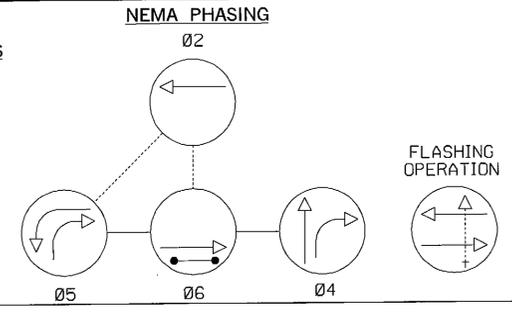
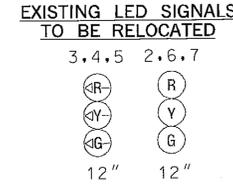
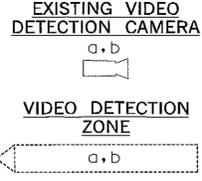
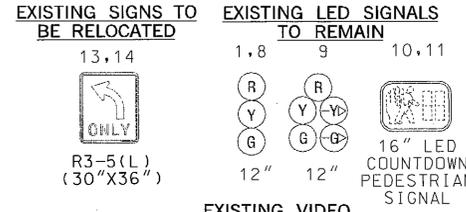
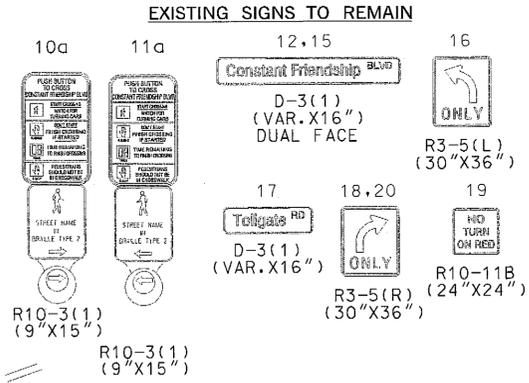
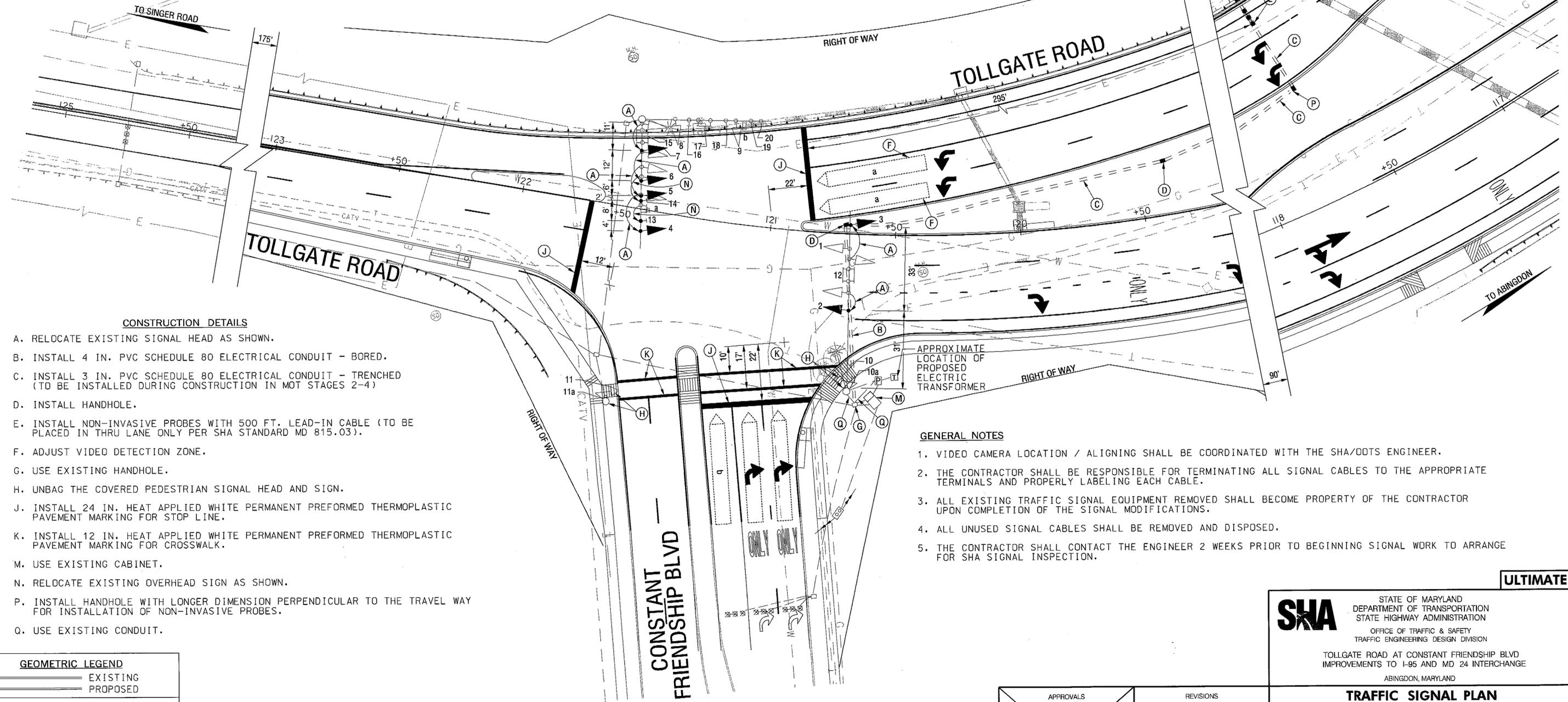


TOLLGATE ROAD IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. RELOCATE EXISTING SIGNAL HEAD AS SHOWN.
- B. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (TO BE INSTALLED DURING CONSTRUCTION IN MOT STAGES 2-4)
- D. INSTALL HANDHOLE.
- E. INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE (TO BE PLACED IN THRU LANE ONLY PER SHA STANDARD MD 815.03).
- F. ADJUST VIDEO DETECTION ZONE.
- G. USE EXISTING HANDHOLE.
- H. UNBAG THE COVERED PEDESTRIAN SIGNAL HEAD AND SIGN.
- J. INSTALL 24 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- K. INSTALL 12 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- M. USE EXISTING CABINET.
- N. RELOCATE EXISTING OVERHEAD SIGN AS SHOWN.
- P. INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.
- Q. USE EXISTING CONDUIT.

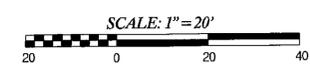
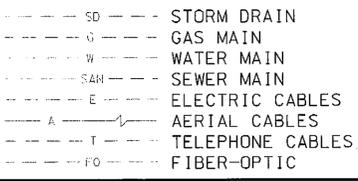
GENERAL NOTES

- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA/DOTS ENGINEER.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- 3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
- 4. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
- 5. THE CONTRACTOR SHALL CONTACT THE ENGINEER 2 WEEKS PRIOR TO BEGINNING SIGNAL WORK TO ARRANGE FOR SHA SIGNAL INSPECTION.

GEOMETRIC LEGEND



UTILITY LEGEND



SABRA, WANG & ASSOCIATES, INC.
1504 JOH AVENUE SUITE 160
BALTIMORE, MD 21227
(410) 737-6564
WWW.SABRA-WANG.COM

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DIVISION

CHIEF TRAFFIC ENGINEERING DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

REVISIONS

1	REPLACE SHEET	APR. 07
2	MODIFIED DUE TO GEOMETRIC IMPROVEMENTS (MDTA # K1-271-000-002(R1))	03/07
3	INSTALL RIGHT TURN OVERLAP FOR NB CONSTANT FRIENDSHIP BLVD	02/01

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TOLLGATE ROAD AT CONSTANT FRIENDSHIP BLVD
IMPROVEMENTS TO I-95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

ULTIMATE

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE JANUARY, 2002 CONTRACT NO. _____

DESIGNED BY D. DICKERSON COUNTY HARBOR

DRAWN BY _____ LOGMILE _____

CHECKED BY _____ TMS NO. _____

FAP NO. _____ TOD NO. _____

TS NO. 4178B DRAWING **PSG OF P002** SHEET NO. 444 OF 597