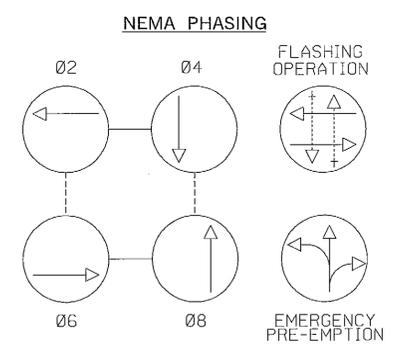
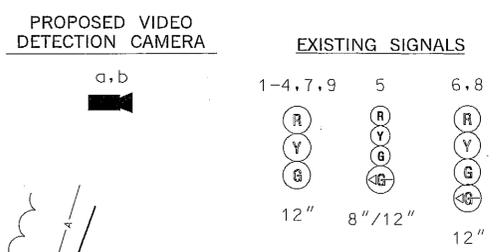
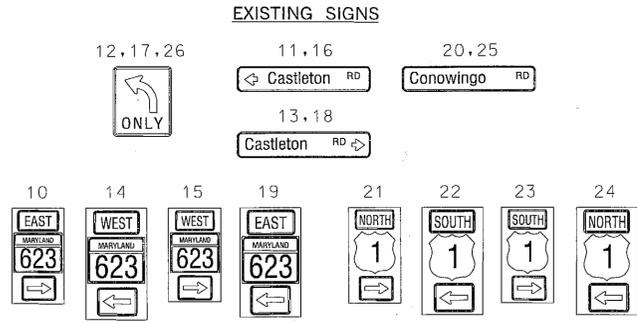
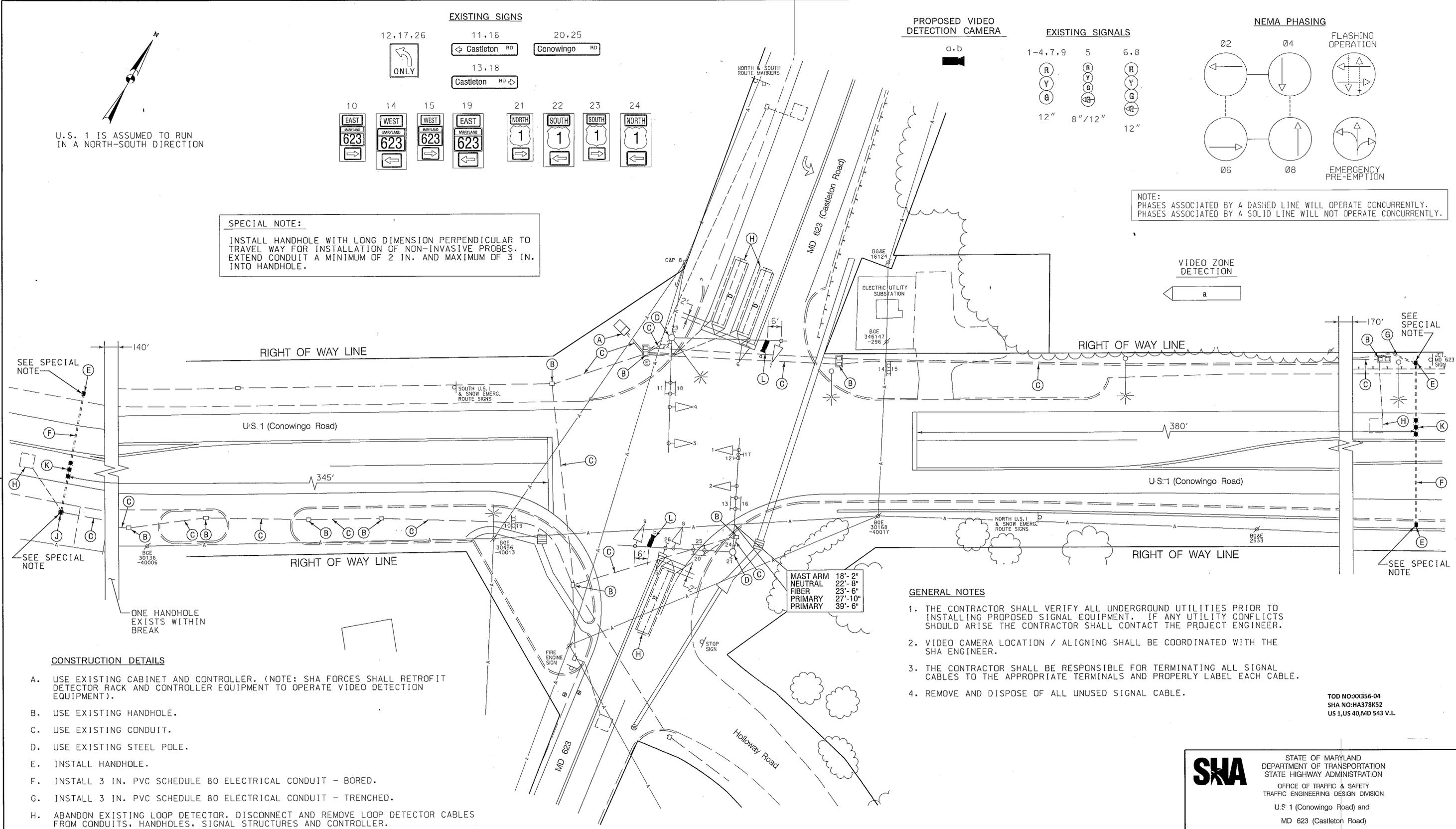


U.S. 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



SPECIAL NOTE:
INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.

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



MAST ARM
18'- 2"
NEUTRAL 22'- 8"
FIBER 23'- 6"
PRIMARY 27'- 10"
PRIMARY 39'- 6"

GENERAL NOTES

1. 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.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

CONSTRUCTION DETAILS

- A. USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT DETECTOR RACK AND CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- B. USE EXISTING HANDHOLE.
- C. USE EXISTING CONDUIT.
- D. USE EXISTING STEEL POLE.
- E. INSTALL HANDHOLE.
- F. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- H. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- J. REMOVE EXISTING HANDHOLE AND RE-INSTALL IN-KIND ROTATING HANDHOLE 90 DEGREES TO ROADWAY ON TOP OF EXISTING CONDUIT HEADING NORTH LEAVING 6 IN. PROTRUDING INTO HANDHOLE.
- K. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
- L. INSTALL OVERHEAD VIDEO DETECTION CAMERA ON EXISTING MAST ARM AS SHOWN.

TOD NO: XX356-04
SHA NO: HA378K52
US 1, US 40, MD 543 V.L.

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 1 (Conowingo Road) and
MD 623 (Castleton Road)



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

APPROVALS

TEAM LEADER
ASSY. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

A. 01/2008 - Add Fiberhouse Pre-emption on MD 623

B. REPLACED EASTBOUND PASSAGE DETECTOR CONTRACT NO. BW9366MB2 4/27/2006

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20'. ADVERTISED DATE 9/25/2009 CONTRACT NO. H-804-601-423

DESIGNED BY R.D. COUNTY Harford
DRAWN BY M. Rucker LOGMILE 12000119.02
CHECKED BY R.D. TMS NO. J905
F.A.P. NO. TOD NO.

TS NO. 3482 C DRAWING TSP-3 OF 6 SHEET NO. 3 OF 6

BY: sbloss

PLOTTED: 09-28-2009
FILE: H:\31556-10\CADD\TSP-003_006.dgn