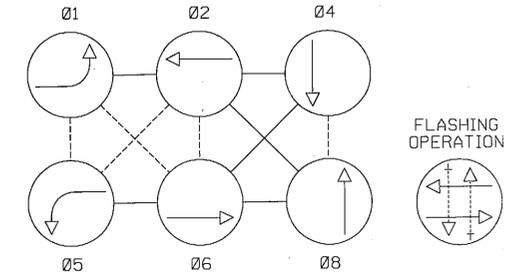
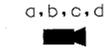


NEMA PHASING

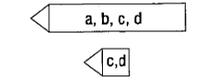


NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

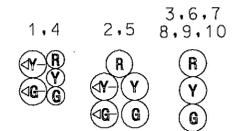
PROPOSED VIDEO DETECTION CAMERA



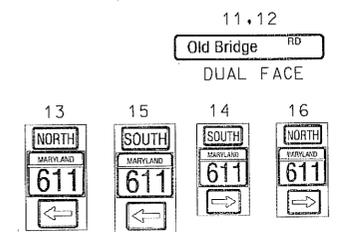
VIDEO DETECTION ZONE



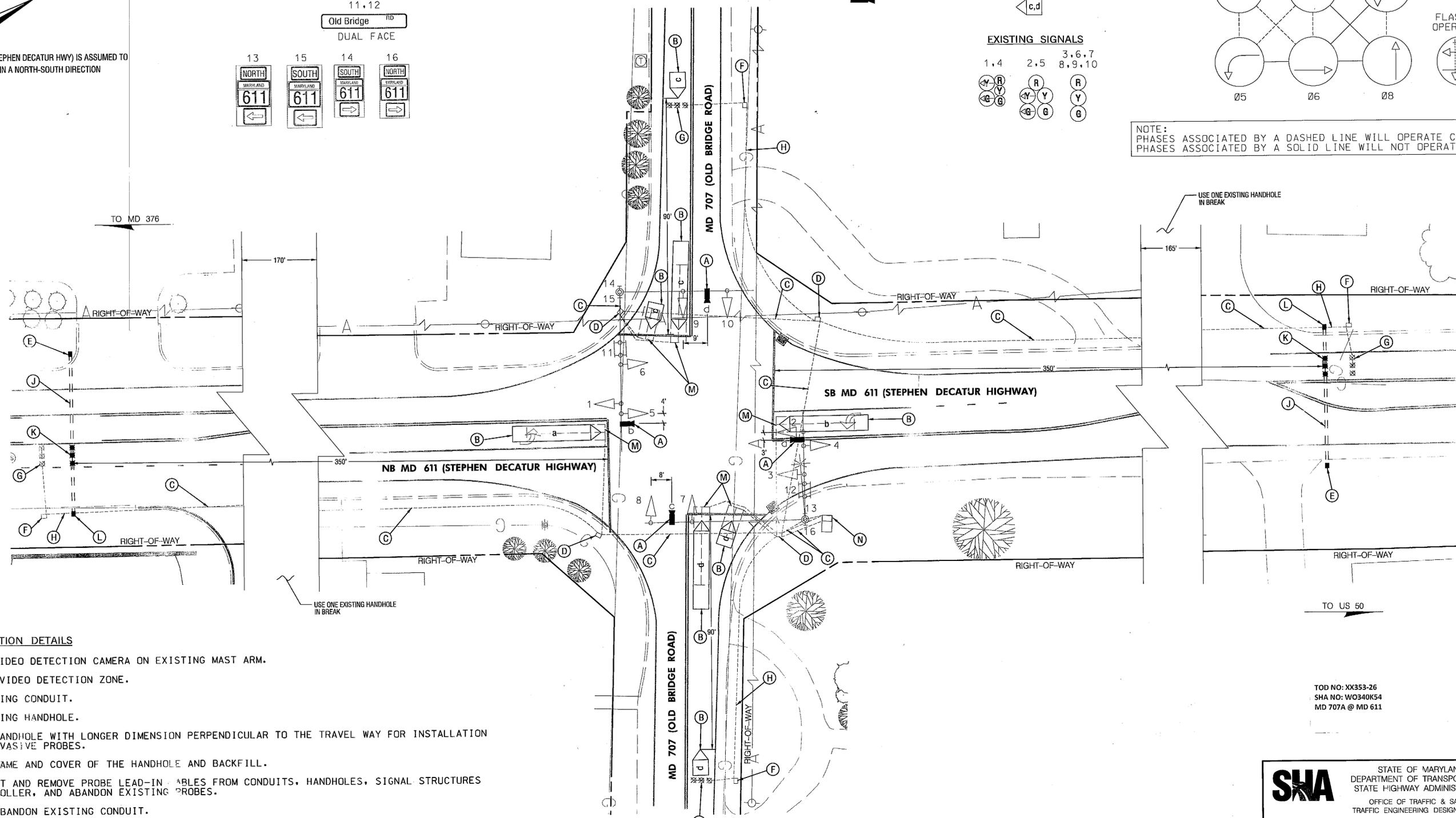
EXISTING SIGNALS



EXISTING SIGNS



MD 611 (STEPHEN DECATUR HWY) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



CONSTRUCTION DETAILS

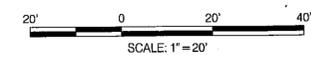
- A. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM.
- B. PROPOSED VIDEO DETECTION ZONE.
- C. USE EXISTING CONDUIT.
- D. USE EXISTING HANDHOLE.
- E. INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.
- F. REMOVE FRAME AND COVER OF THE HANDHOLE AND BACKFILL.
- G. DISCONNECT AND REMOVE PROBE LEAD-IN CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER, AND ABANDON EXISTING PROBES.
- H. CAP AND ABANDON EXISTING CONDUIT.
- J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- K. INSTALL NON-INVASIVE PROBES WITH 1000 FT. LEAD IN CABLE (TO BE PLACED IN THRU LANE ONLY)
- L. EXCAVATE AND LOCATE EXISTING CONDUIT. INTERCEPT CONDUIT AND INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.
- M. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER, AND ABANDON EXISTING PROBES.
- N. USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

- STORM DRAIN
- GAS MAIN
- WATER MAIN
- SEWER MAIN
- ELECTRIC CABLES
- AERIAL CABLES
- TELEPHONE CABLES
- FIBER-OPTIC



TOD NO: XX353-26
SHA NO: W0340K54
MD 707A @ MD 611

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 611 (STEPHEN DECATUR HWY) AT MD 707 (OLD BRIDGE RD)
WEST OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 8/29/09 CONTRACT NO. WO 572-502-171
DESIGNED BY W. RICHARDSON COUNTY WORCESTER
DRAWN BY R.E. WATSON LOGMILE 23061108.16
CHECKED BY S. RENZI TMS NO.
F.A.P. NO. TOD NO.
TS NO. 1730C DRAWING pSG OF P001 SHEET NO. 1 OF 2

APPROVALS	REVISIONS
TEAM LEADER	112010 REPLACE DETECTION DAMAGED BY MILLING CONTRACT NO. XX353-26
ASST. DIV. CHIEF	AS-BUILT SHA NO. AW-101-858 3/19/07
DIVISION CHIEF	AS-BUILT REDRAWN AND UPGRADE ICB TO FULLY ACTUATED SIGNAL 3/19/05
OFFICE DIRECTOR	

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

BY: Brinker