US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNALS

1,3,4,7,8 — 12"
2 — 8"
5,6,9,10,12,14 — 12"
11,13 — 12"
15,16 — 16" LED COUNTDOWN PEDESTRIAN SIGNAL

EXISTING SIGNS

17,18,21,25,28,29 — ONLY
24,27,30 — ONLY
20,22
19,23 — Eastern Blvd.
26 — Dual Hwy.

EXISTING VIDEO DETECTION CAMERA TO REMAIN — d

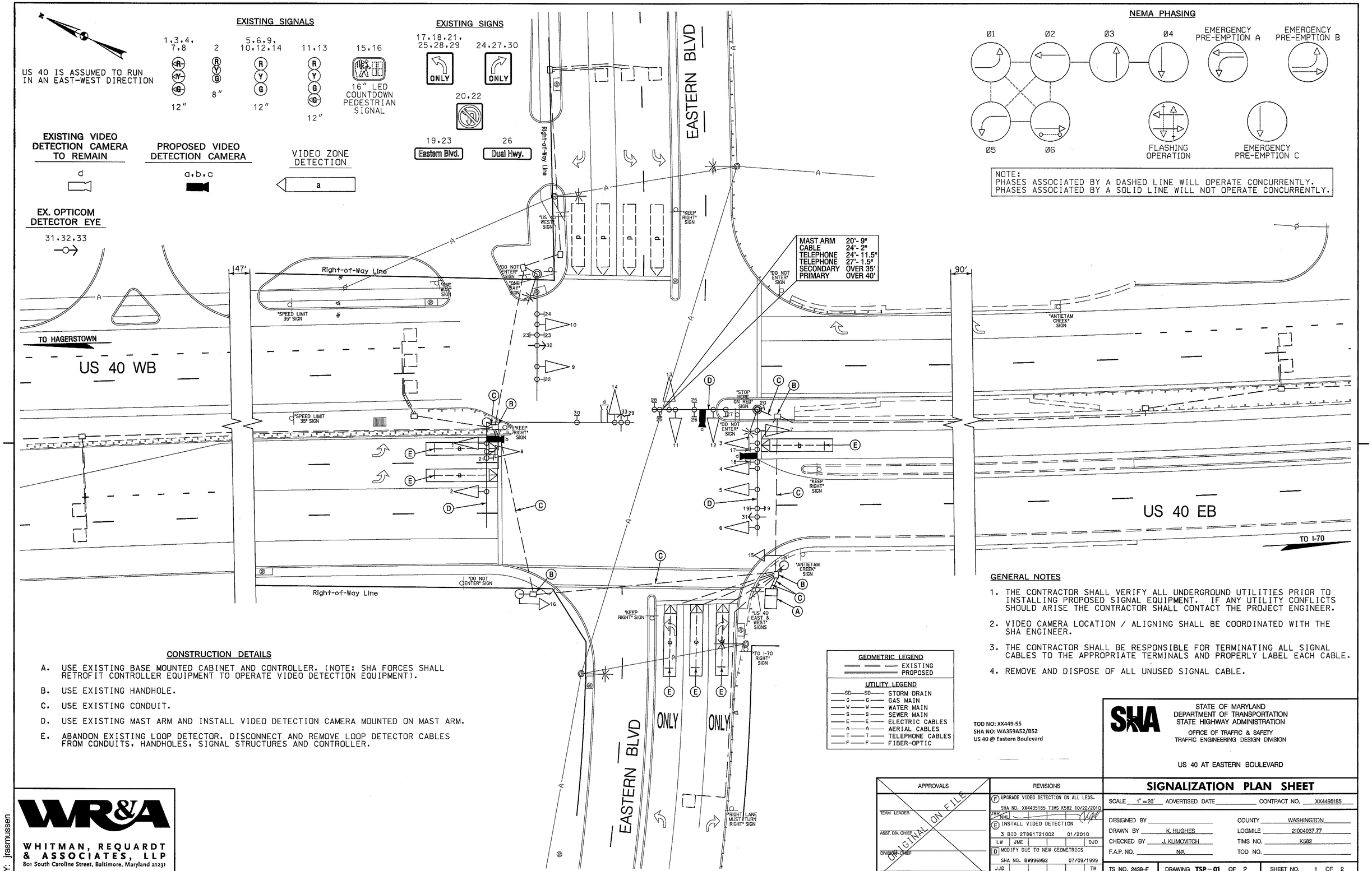
PROPOSED VIDEO DETECTION CAMERA — a,b,c

VIDEO ZONE DETECTION — a

EX. OPTICOM DETECTOR EYE — 31,32,33

NEMA PHASING

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



CONSTRUCTION DETAILS

A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).

B. USE EXISTING HANDHOLE.

C. USE EXISTING CONDUIT.

D. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA MOUNTED ON MAST ARM.

E. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

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.

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

TOD NO: XX449-55
SHA NO: WA359A52/B52
US 40 @ Eastern Boulevard

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

US 40 AT EASTERN BOULEVARD

WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Carolline Street, Baltimore, Maryland 21231

BY: jrasmussen

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
(F) UPGRADE VIDEO DETECTION ON ALL LEGS.
SHA NO. XX4495185 TIMS K582 10/22/2010
JHR NMJ
(E) INSTALL VIDEO DETECTION
3 BID 27861T21002 01/2010
LW JME DJD
(D) MODIFY DUE TO NEW GEOMETRICS
SHA NO. BW996MB2 07/09/1999
JJD TH

PLOTTED: 10-22-2010
FILE: N:\31659-066\CADD\pSG-P001_K582.dgn

SIGNALIZATION PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE ____ CONTRACT NO. XX4495185

DESIGNED BY ____ COUNTY WASHINGTON
DRAWN BY K. HUGHES LOGMILE 21004037.77
CHECKED BY J. KLIMOVITCH TIMS NO. K582
F.A.P. NO. N/A TOD NO. ____

TS NO. 2438-F | DRAWING TSP-01 OF 2 | SHEET NO. 1 OF 2