U.S. 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS

17 Abingdon RD
18 Otter Point RD
20 Abingdon RD
19 Otter Point RD
21 ONE WAY EAST 40
22 ONE WAY WEST 40
23 ONE WAY WEST 40
24 ONE WAY EAST 40

EX. OPTICOM DETECTOR EYE 14

EXISTING VIDEO DETECTION CAMERA TO BE REMOVED c1, d1

PROPOSED VIDEO DETECTION CAMERA a, b, c, d

EXISTING SIGNALS

1,2,5,7 3,4,6,8-12,16 13,15

12" 12" 12"

VIDEO ZONE DETECTION a

NEMA PHASING

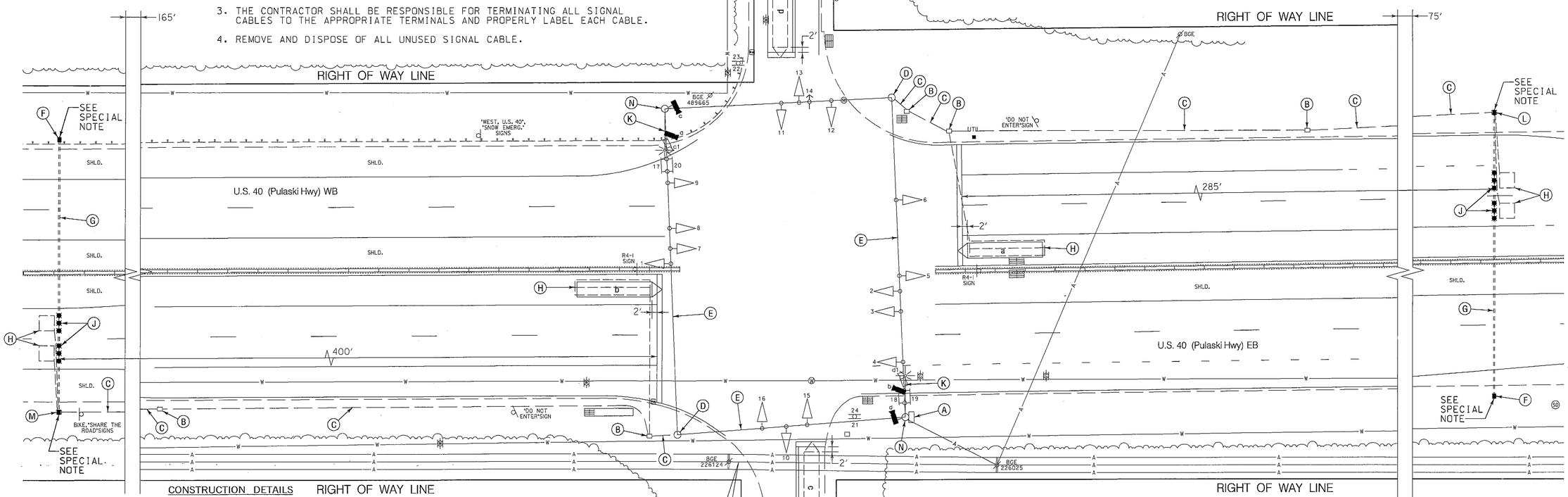
Ø1 Ø2 Ø4 Ø5 Ø6 Ø8

FLASHING OPERATION

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

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 POLE 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 STRAIN POLE.
E. USE EXISTING SPAN WIRE.
F. INSTALL HANDHOLE.
G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
H. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
J. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
K. USE EXISTING LIGHTING BRACKET AND REMOVE EXISTING VIDEO DETECTION CAMERA AND INSTALL NEW OVERHEAD VIDEO DETECTION CAMERA ON LIGHTING BRACKET ARM AS SHOWN.
L. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE 90 DEGREES TO ROADWAY. HANDHOLE TO BE INSTALLED ON TOP OF EXISTING CONDUIT HEADING WEST LEAVING 6 IN. PROTRUDING INTO NEW HANDHOLE.
M. REMOVE EXISTING HANDHOLE AND INSTALL NEW HANDHOLE 90 DEGREES TO ROADWAY. HANDHOLE TO BE INSTALLED ON TOP OF EXISTING CONDUIT HEADING EAST LEAVING 6 IN. PROTRUDING INTO NEW HANDHOLE.
N. USE EXISTING STRAIN POLE AND INSTALL NEW OVERHEAD VIDEO DETECTION CAMERA MOUNTED WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN.

TELEPHONE	18'- 7"
TELEPHONE	19'- 8"
CABLE	20'- 8"
PRIMARY	OVER 40'

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.

TOD NO:XX356-06
SHA NO:HA378KK53
VL in HARFORD CO.

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

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

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

REVISIONS
D UPGRADE VIDEO DETECTION ON ALL LEGS. INSTALL NON-INVASIVE PROBES. ASBUILT. SHA NO. XX356168 TIMS J631 10/30/2009
C INSTALL VIDEO DETECTION CAMERAS FOR NB & SB APPROACHES - PLT 859 SHA NO. AX1395185 01/15/2008
RRZ WM DJD
B ADD EMERGENCY SIGNAL PRE-EMPTION (OPTICOM) FOR SB ABINGDON RD. SHA NO. AT5825185 - 4762 - 03/02/2005
RM/MM DJD DAZ BRK

PLOTTED: 11-02-2009
FILE: n:\31669-033\cadd\pSG-P007_J631.dgn

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

U.S. 40 (Pulaski Hwy) and
Abingdon Road /Otter Point Road

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE 8/21/1993 CONTRACT NO. AW-454-501-485

DESIGNED BY B. Thompson
DRAWN BY B. Thompson
CHECKED BY D. Doda
F.A.P. NO.

COUNTY Harford
LOGMILE 12004006.35
TIMS NO. J631
TOD NO.

TS NO. 3362 D | DRAWING TSP-7 OF 13 | SHEET NO. 7 OF 13

BY: sbloss