DRILL HOLES

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Border Rev. Date: March 27, 2007

EXISTING SIGNS

12, 13 — SOUTH MARYLAND 3

14, 19 — ONE WAY

15

16 — SOUTH 3

17,18 — ONLY

20 — JOHNS HOPKINS RD

EXISTING SIGNALS

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

R Y G

NEMA PHASING

Ø 2 Ø 4 Ø 4 ALT

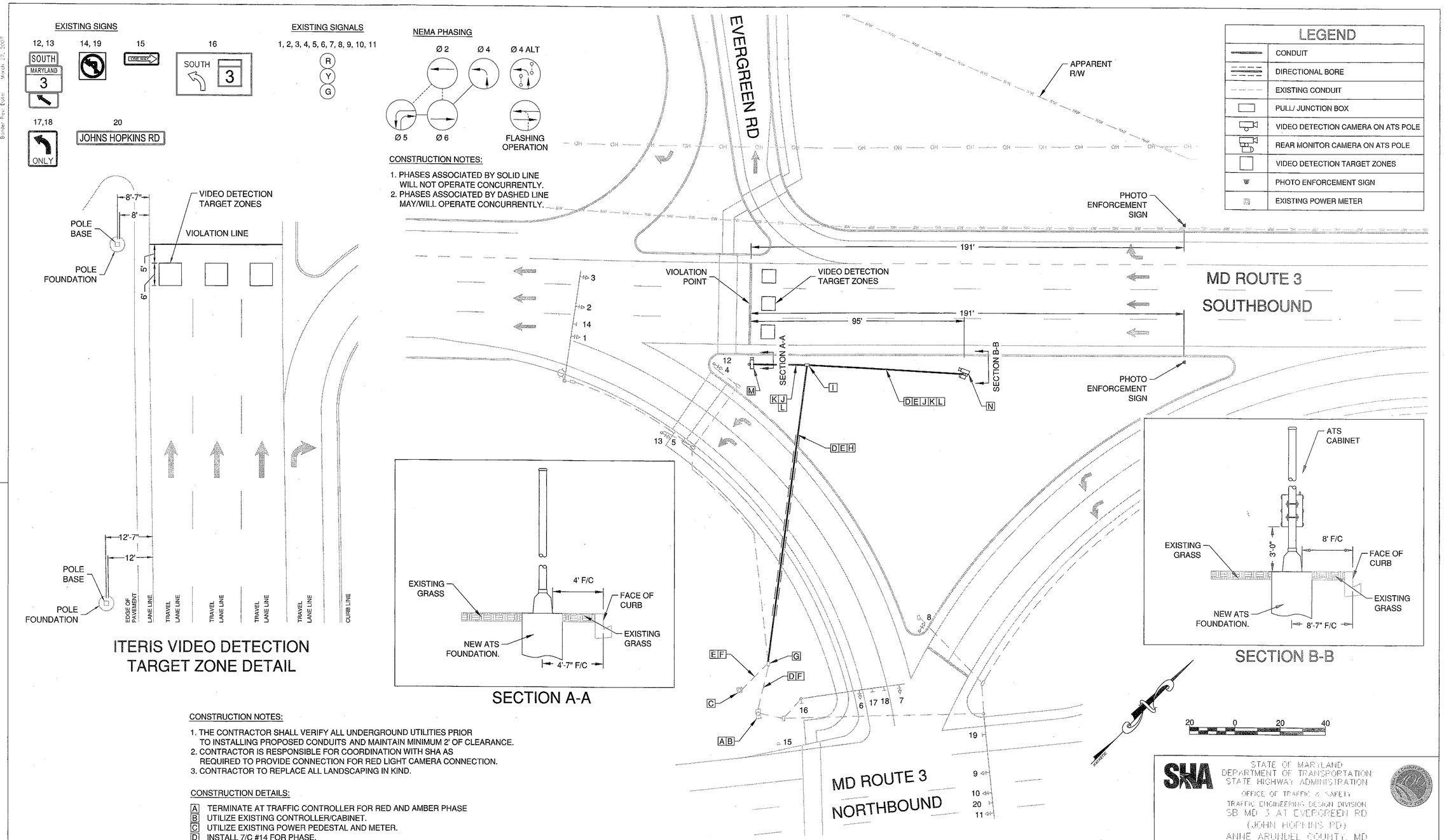
Ø 5 Ø 6

FLASHING OPERATION

CONSTRUCTION NOTES:

1. PHASES ASSOCIATED BY SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

LEGEND	
	CONDUIT
	DIRECTIONAL BORE
	EXISTING CONDUIT
	PULL/ JUNCTION BOX
	VIDEO DETECTION CAMERA ON ATS POLE
	REAR MONITOR CAMERA ON ATS POLE
	VIDEO DETECTION TARGET ZONES
	PHOTO ENFORCEMENT SIGN
	EXISTING POWER METER



ITERIS VIDEO DETECTION TARGET ZONE DETAIL

SECTION A-A

SECTION B-B

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED CONDUITS AND MAINTAIN MINIMUM 2' OF CLEARANCE.
2. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH SHA AS REQUIRED TO PROVIDE CONNECTION FOR RED LIGHT CAMERA CONNECTION.
3. CONTRACTOR TO REPLACE ALL LANDSCAPING IN KIND.

CONSTRUCTION DETAILS:

- A TERMINATE AT TRAFFIC CONTROLLER FOR RED AND AMBER PHASE
- B UTILIZE EXISTING CONTROLLER/CABINET.
- C UTILIZE EXISTING POWER PEDESTAL AND METER.
- D INSTALL 7/C #14 FOR PHASE.
- E INSTALL 3/C #10 FOR POWER.
- F UTILIZE EXISTING EXISTING CONDUIT.
- G UTILIZE EXISTING ELECTRICAL HANDHOLE.
- H INSTALL 3 IN. PVC SCHEDULE 80 CONDUIT VIA BORING.
- I INSTALL ELECTRICAL HANDHOLE.
- J INSTALL 2 IN. PVC SCHEDULE 80 CONDUIT VIA TRENCHING.
- K INSTALL 3/C #16 FOR POWER.
- L 8281 COAX CABLE
- M VIDEO DETECTION CAMERA ON NEW 30' ATS POLE.
- N MOUNT REAR SCENE CAMERA ENCLOSURE ON RIGHT ON TOP, 300W FLASH STROBE ON BOTTOM AND ATS CABINET ON LEFT OF NEW 20' POLE.

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
D — D	STORM DRAIN
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

STATE OF MARYLAND REGISTERED PROFESSIONAL ENGINEER

American Traffic Solutions

RED LIGHT PHOTO ENFORCEMENT PROGRAM
7681 E. GRAY RD
SCOTTSDALE, AZ 85260 USA
TEL: (480) 443-7000 FAX: (480)607-0901
WWW.ATSOL.COM

APPROVALS

ORIGINAL ON FILE

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

REVISIONS

Sept. 15, 2011 — Replaced red light camera installation due to geometric improvements — RDL

Apr. 20, 2015 — Replaced signal due to geometric improvements — DR

Sept. 5, 2017 — Replaced detection due to geometric improvements — S.H.A. No. BW9395M2 — WES

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
SB MD 3 AT EVERGREEN RD
(JOHN HOPKINS RD)
ANNE ARUNDEL COUNTY, MD

SCALE 1" = 20' DATE 09-10-11 CONTRACT NO.

DESIGNED BY RDL
DRAWN BY RDL
CHECKED BY
F.A.P. NO.

COUNTY ANNE ARUNDEL COUNTY
LOGMILE
T.I.M.S. NO.
TOD NO.

TS NO. 21516 DRAWING NO. SHEET NO. 1 OF 1