EXISTING SIGNS

MD 26 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION

21,24 — R3-5(L) (30"x36")

28 — R3-5(R) (30"x36")

26,30 — LEFT TURN YIELD ON GREEN — R10-12 36"x 42"

20 — King James CIR — D-3(2) (VAR.x16")

25 — King James CIR — D-3(2) (VAR.x16")

23 — St. Lukes LN — D-3(2) (VAR.x16")

22 — St. Lukes LN — D-3(2) (VAR.x16")

27,29 — Liberty RD — D-3(2) (VAR.x16")

18 — RED SIGNAL AHEAD — 60"x60" LED SIGN

19 — W3-3 48"x48"

EXISTING SIGNALS

1,2,5,6 — 12"

3,4,7-13 — 12"

14-17 — 12"

a,b,c — PROPOSED VIDEO DETECTION

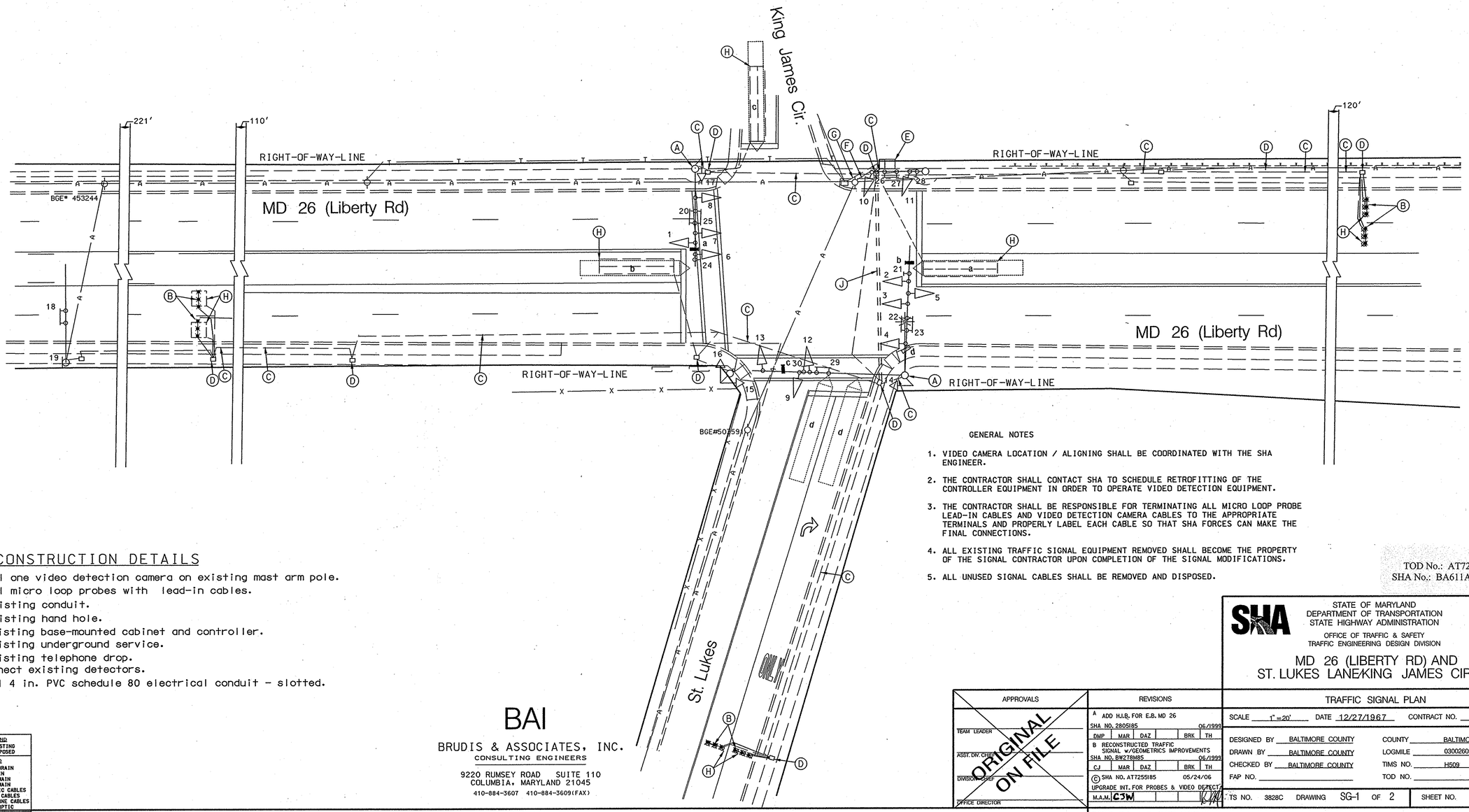
d — EXISTING VIDEO DETECTION

NEMA PHASING

Ø1 Ø2 Ø4 Ø5 Ø6 Ø8 Ø8 ALT

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL MICRO LOOP PROBE LEAD-IN CABLES AND VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

CONSTRUCTION DETAILS

A. Install one video detection camera on existing mast arm pole.
B. Install micro loop probes with lead-in cables.
C. Use existing conduit.
D. Use existing hand hole.
E. Use existing base-mounted cabinet and controller.
F. Use existing underground service.
G. Use existing telephone drop.
H. Disconnect existing detectors.
J. Install 4 in. PVC schedule 80 electrical conduit - slotted.

TOD No.: AT725-06
SHA No.: BA611A51/B51

GEOMETRIC LEGEND: EXISTING / PROPOSED

UTILITY LEGEND: STORM DRAIN, GAS MAIN, WATER MAIN, SEWER MAIN, ELECTRIC CABLES, AERIAL CABLES, TELEPHONE CABLES, FIBER-OPTIC

BY: cward

BAI
BRUDIS & ASSOCIATES, INC.
CONSULTING ENGINEERS
9220 RUMSEY ROAD SUITE 110
COLUMBIA, MARYLAND 21045
410-884-3607 410-884-3609(FAX)

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

REVISIONS

A ADD H.I.B. FOR E.B. MD 26 — SHA NO. 2805185 — 06/1999 — DMP MAR DAZ BRK TH

B RECONSTRUCTED TRAFFIC SIGNAL w/GEOMETRICS IMPROVEMENTS — SHA NO. BW278M85 — 06/1999 — CJ MAR DAZ BRK TH

C SHA NO. AT7255185 — 05/24/06 — UPGRADE INT. FOR PROBES & VIDEO DETECT. — M.A.M. C3W

PLOTTED: Wednesday, May 31, 2006 at 9:19:05 AM
FILE: H509GP01.dgn

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

MD 26 (LIBERTY RD) AND ST. LUKES LANE/KING JAMES CIRCLE

TRAFFIC SIGNAL PLAN

SCALE 1" =20' DATE 12/27/1967 CONTRACT NO.

DESIGNED BY BALTIMORE COUNTY — COUNTY BALTIMORE
DRAWN BY BALTIMORE COUNTY — LOGMILE 03002609.31
CHECKED BY BALTIMORE COUNTY — TIMS NO. H509
FAP NO. — TOD NO.

TS NO. 3828C DRAWING SG-1 OF 2 — SHEET NO. 1 OF 2