MD 7 IS ASSUMED TO RUN IN A NORTH /SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

14 — FASHION WAY

15 — FASHION WAY — D-3(1) (DUAL FACED)

13 — ONLY — R3-5(L) 30" x 36"

17 — R3-6(R) 30" x 36"

EXISTING SIGNS TO BE REMOVED

16 — STOP — R1-1 30" x 30"

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

PROPOSED VIDEO DETECTION CAMERA

a,b,c

VIDEO DETECTION ZONE

a-c

EXISTING SIGNALS

1 — 12"/8"

2 — 12"

3-6,8-11 — 12"

7

NEMA PHASING

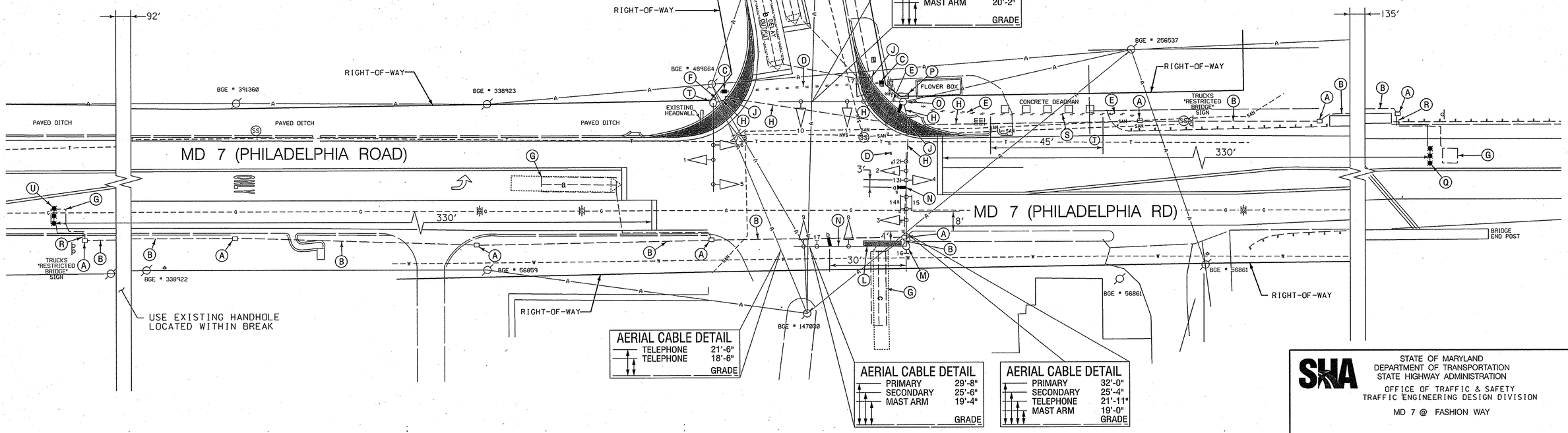
Ø1 Ø2 Ø4 Ø6 Ø8

FLASHING OPERATION

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 HANDHOLE.
B. USE EXISTING CONDUIT.
C. INSTALL HANDHOLE.
D. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
E. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
F. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
G. ABANDON EXISTING LOOP DETECTOR.
H. CAP AND ABANDON EXISTING CONDUIT.
J. REMOVE EXISTING HANDHOLE.
K. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA MOUNTED ON MAST ARM AND REMOVE EXISTING SIGN AS NOTED.
L. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
M. USE EXISTING MAST ARM POLE. REMOVE EXISTING R1-1 SIGN FROM POLE
N. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA MOUNTED ON MAST ARM.
O. USE EXISTING MAST ARM POLE AND INSTALL VIDEO DETECTION CAMERA. (INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN POLE BASE.)
P. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT AND RETROFIT DETECTOR RACK TO INSTALL ONE (1) FOUR-CHANNEL TIME-DELAY OUTPUT LOOP DETECTOR AMPLIFIER).
Q. INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN CABLE.
R. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).
S. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED)
T. USE EXISTING MAST ARM POLE. (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BEND IN POLE BASE.)
U. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN CABLE.



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 MICROLOOP 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. DISCONNECT AND REMOVE LOOP DETECTOR AND ALL UNUSED CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

BY: SBLOSS

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

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

REVISIONS
C INSTALL VIDEO DETECTION AND MODIFY DUE TO GEOMETRIC IMPROVEMENTS 3-2006 NML BRD
B RECONSTRUCTION DUE TO ROAD WIDENING 10-16-93
A CHANGE EASTBOUND CONDUIT FROM 2" PVC TO 2" GALV. SL. SHA NO. H-884-501-471

PLOTTED: 3/10/2006
FILE: N:\395610\CADD\TRAFFIC\PSG-P001_MD7.DGN

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 7 @ FASHION WAY

SIGNALIZATION PLAN

SCALE 1" = 20' DATE 890 CONTRACT NO.

DESIGNED BY J.W.E. COUNTY HARFORD
DRAWN BY W.J.G. LOGMILE 12000703.64
CHECKED BY J.W.E. T.I.M.S. NO. H462
F.A.P. NO. TOD NO.

DRAWING NO. TS-3069C OF SHEET NO. 1 OF 2