DRILL HOLES

BORDER REV: DATE: June 1, 2004

DRILL HOLES

DRILL HOLES

BY:OWNER

MD 528 / COASTAL HWY IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

EXISTING SIGN TO BE REMOVED

11 — LEFT TURN YIELD ON GREEN

EXISTING SIGNS

13,16 — RIGHT LANE BUSES AND RIGHT TURNS ONLY

14 — U TURN YIELD ON GREEN

12 — ← 36TH STREET

15 — 36TH STREET →

PROPOSED SIGNS

13A,16A — BUSES BIKES RIGHT TURNS ONLY — 36"x 42"

17 — EVACUATION ROUTE — 24" x 24"

7-10

EXISTING SIGNALS

1, 3 — R, Y, G — 12"

2, 4-6 — R, Y, G — 12"

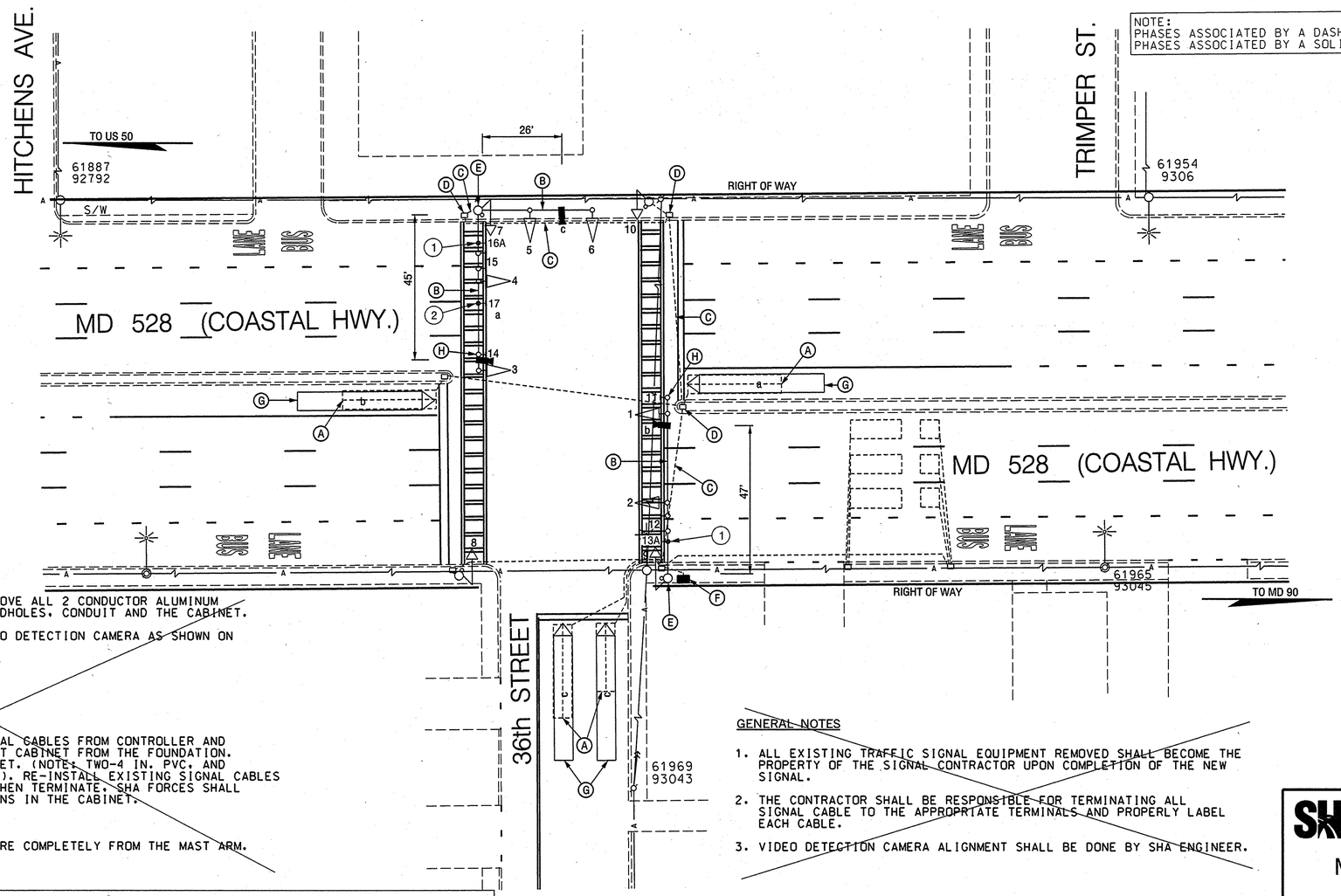
a,b,c — PROPOSED VIDEO DETECTION

NEMA PHASING

FLASHING OPERATION

Ø1 Ø2 Ø4 ALT Ø4 Ø5 Ø6

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



CONSTRUCTION DETAILS

A. ABANDON EXISTING LOOP DETECTOR AND REMOVE ALL 2 CONDUCTOR ALUMINUM SHIELDED ELECTRICAL CABLE FROM ALL HANDHOLES. CONDUIT AND THE CABINET.

B. USE EXISTING MAST ARM AND INSTALL VIDEO DETECTION CAMERA AS SHOWN ON PLANS.

C. USE EXISTING CONDUIT.

D. USE EXISTING HANDHOLE.

E. USE EXISTING MAST ARM POLE.

F. DISCONNECT AND PULL BACK EXISTING SIGNAL CABLES FROM CONTROLLER AND CABINET TO THE NEAREST HANDHOLE. UNBOLT CABINET FROM THE FOUNDATION. THEN INSTALL A NEMA BASE MOUNTED CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BEND). RE-INSTALL EXISTING SIGNAL CABLES INTO CONDUIT. CONTROLLER AND CABINET THEN TERMINATE. SHA FORCES SHALL BE RESPONSIBLE FOR THE FINAL CONNECTIONS IN THE CABINET.

G. PROPOSED VIDEO DETECTION ZONE.

H. REMOVE EXISTING R10-12 SIGN AND HARDWARE COMPLETELY FROM THE MAST ARM.

GENERAL NOTES

1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

3. VIDEO DETECTION CAMERA ALIGNMENT SHALL BE DONE BY SHA ENGINEER.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

- SD — STORM DRAIN
- G — GAS MAIN
- W — WATER MAIN
- SAN — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- T — TELEPHONE CABLES
- FO — FIBER-OPTIC

CONSTRUCTION DETAILS

1. REMOVE EXISTING LANE RESTRICTION SIGN AND INSTALL NEW SIGN AT SAME LOCATION ON MAST ARM AS SHOWN.
2. INSTALL EXISTING EVACUATION ROUTE SIGN TO MAST ARM AS SHOWN.

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APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV.
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

B 7-14-08 SHA NO. AT9095185 INSTALL RESTRICED RIGHT LANE SIGNS. MR

A SHA NO. AT7255185 08/24/07 MODIFIY EXISTING TRAFFIC SIGNAL INSTALL VIDEO DETECTION CAMERA'S SWA

PLOTTED: MONDAY, JULY 14, 2008 AT 04:06 PM
FILE: L:\1500\1566\TASK 123- MD 528\DGN\DC DGN FILES\MD528 @ 36TH_PL.DGN

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

MD 528 (COASTAL HWY.) AND 36TH STREET

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 4-1-87 CONTRACT NO. WO653-451-185

DESIGNED BY R.ZACHERL (FOR STS) COUNTY WORCESTER
DRAWN BY S.THACKER (FOR STS) LOGMILE 23052806.22
CHECKED BY D.DODA 4-28-87 T.I.M.S. NO. F673
F.A.P. NO. TOD NO.

TS NO. 2314A DRAWING 1 OF 2 SHEET NO. 11 OF 46

TOD No. AT909-32
SHA No. WO442A55/C55