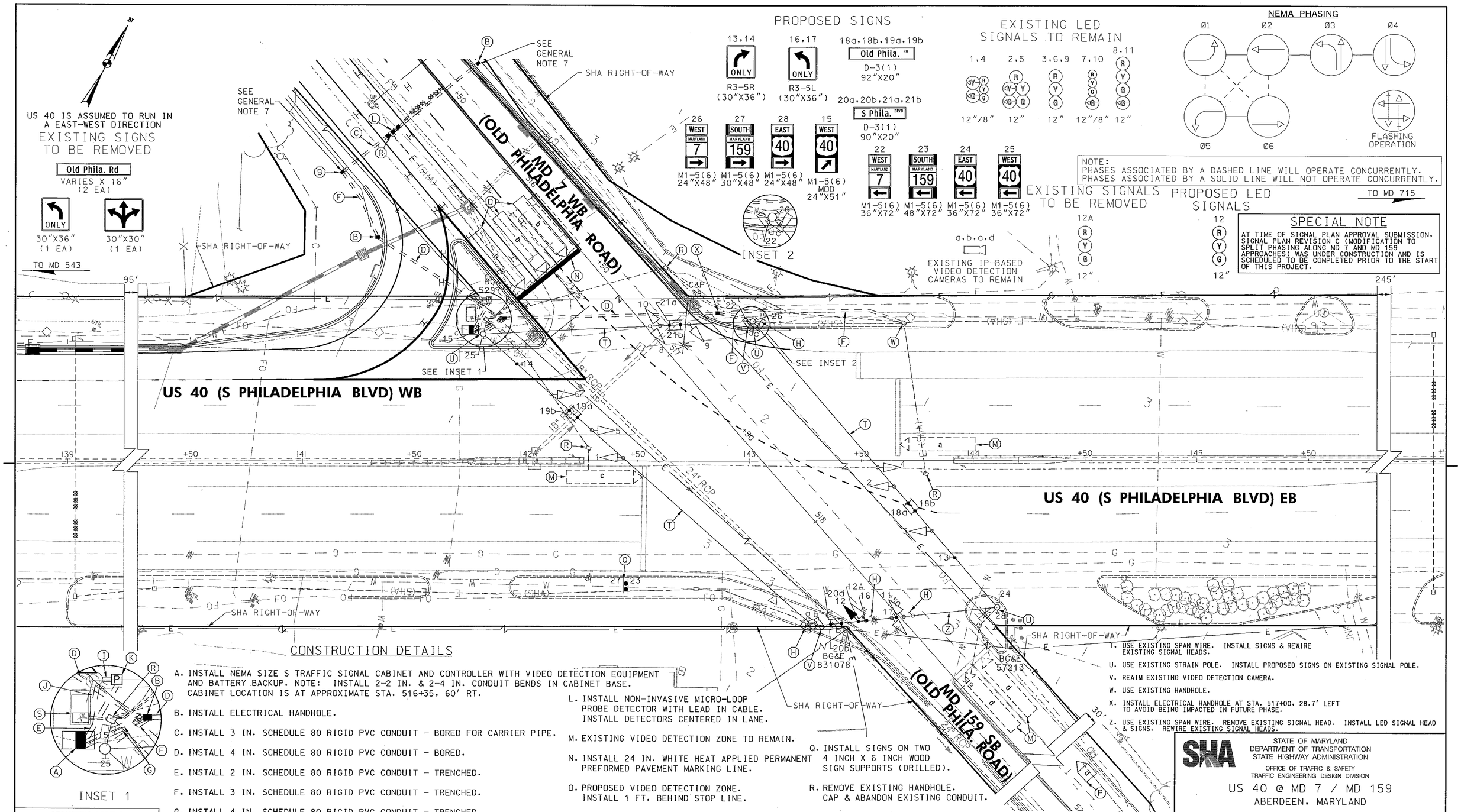


## SPECIAL NOTE

AT TIME OF SIGNAL PLAN APPROVAL SUBMISSION, SIGNAL PLAN REVISION C (MODIFICATION TO SPLIT PHASING ALONG MD 7 AND MD 159 APPROACHES) WAS UNDER CONSTRUCTION AND IS SCHEDULED TO BE COMPLETED PRIOR TO THE START OF THIS PROJECT.

## CONSTRUCTION DETAILS

A. INSTALL NEMA SIZE S TRAFFIC SIGNAL CABINET AND CONTROLLER WITH VIDEO DETECTION EQUIPMENT AND BATTERY BACKUP. NOTE: INSTALL 2-2 IN. & 2-4 IN. CONDUIT BENDS IN CABINET BASE. CABINET LOCATION IS AT APPROXIMATE STA. 516+35, 60' RT.

B. INSTALL ELECTRICAL HANDHOLE.

C. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED FOR CARRIER PIPE.

D. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - BORED.

E. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

F. INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

H. REMOVE EXISTING SIGN.

I. INSTALL 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED FOR POWER FEED. STUB AT BASE OF POLE # BG&E 529719.

J. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED FOR PHONE DROP. STUB AT BASE OF POLE # BG&E 529719.

K. INSTALL 100 AMP METERED SERVICE PEDESTAL (EMBEDDED). NOTE: INSTALL 2-2 IN. & 1-4 IN. CONDUIT BENDS IN BASE. INSTALL 60 AMP BREAKER FOR TRAFFIC SIGNAL CABINET, 20 AMP BREAKER FOR SIGNAL MOUNTED LIGHTING AND 20 AMP SPARE BREAKER. PEDESTAL SHALL BE INSTALLED AT STA. 516+29, 45' RT.

L. INSTALL NON-INVASIVE MICRO-LOOP PROBE DETECTOR WITH LEAD IN CABLE. INSTALL DETECTORS CENTERED IN LANE.

M. EXISTING VIDEO DETECTION ZONE TO REMAIN.

N. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING LINE.

O. PROPOSED VIDEO DETECTION ZONE. INSTALL 1 FT. BEHIND STOP LINE.

P. PROPOSED VIDEO DETECTION ZONE. INSTALL 90 FT. BEHIND STOP LINE.

Q. INSTALL SIGNS ON TWO 4 INCH X 6 INCH WOOD SIGN SUPPORTS (DRILLED).

R. REMOVE EXISTING HANDHOLE. CAP & ABANDON EXISTING CONDUIT.

S. REMOVE EXISTING CABINET & CONTROLLER.

T. USE EXISTING SPAN WIRE. INSTALL SIGNS & REWIRE EXISTING SIGNAL HEADS.

U. USE EXISTING STRAIN POLE. INSTALL PROPOSED SIGNS ON EXISTING SIGNAL POLE.

V. REAIM EXISTING VIDEO DETECTION CAMERA.

W. USE EXISTING HANDHOLE.

X. INSTALL ELECTRICAL HANDHOLE AT STA. 517+00, 28.7' LEFT TO AVOID BEING IMPACTED IN FUTURE PHASE.

Z. USE EXISTING SPAN WIRE. REMOVE EXISTING SIGNAL HEAD. INSTALL LED SIGNAL HEAD & SIGNS. REWIRE EXISTING SIGNAL HEADS.

INSET 1

**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

BY: BJG

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

REVISIONS

| | | | | | | |
|---|---|---|---|---|---|---|
| D | MODIFY SIGNAL DUE TO MD 7 APPROACH WIDENING SHA NO. HA348527O TIMS J531 08-2011 | | | | | |
| BJG | HD | | | | | |
| C | UPGRADE TO LED SIGNAL HEADS, MODIFY MD 7 & MD 159 TO SPLIT PHASING SHA NO. XX6455185 TIMS K991 06-2011 | | | | | |
| LFW | BWL | WM | DJD | RDB | MLP | WH |
| B | REPLACE DETECTION & WIRING DUE TO GEOMETRIC IMPROVEMENTS ALONG MD 7 BW9996M82 TIMS K154 04-14-2010 | | | | | |
| TMZ | JKS | | DJD | RDB | CS | TH |

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

US 40 @ MD 7 / MD 159
ABERDEEN, MARYLAND

# TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 7-19-1972 CONTRACT NO. H618-007-470

DESIGNED BY H. KILLIAN
DRAWN BY L. TOWNSEND
CHECKED BY
FAP NO.

COUNTY HARFORD COUNTY
LOGMILE 12004010.71
TIMS NO. J-531
TOD NO.

TS NO. 629D | DRAWING SP-1 OF 2 | SHEET NO. 38 OF 45

PLOTTED: Monday, August 15, 2011 AT 02:08 PM
FILE: \\Rkkm\v2008\2008\08148_tcddes\Task 08_U.S. 40 @ MD 7\CADD\Plans\pSG-0001_US40@MD7&MD159.dgn