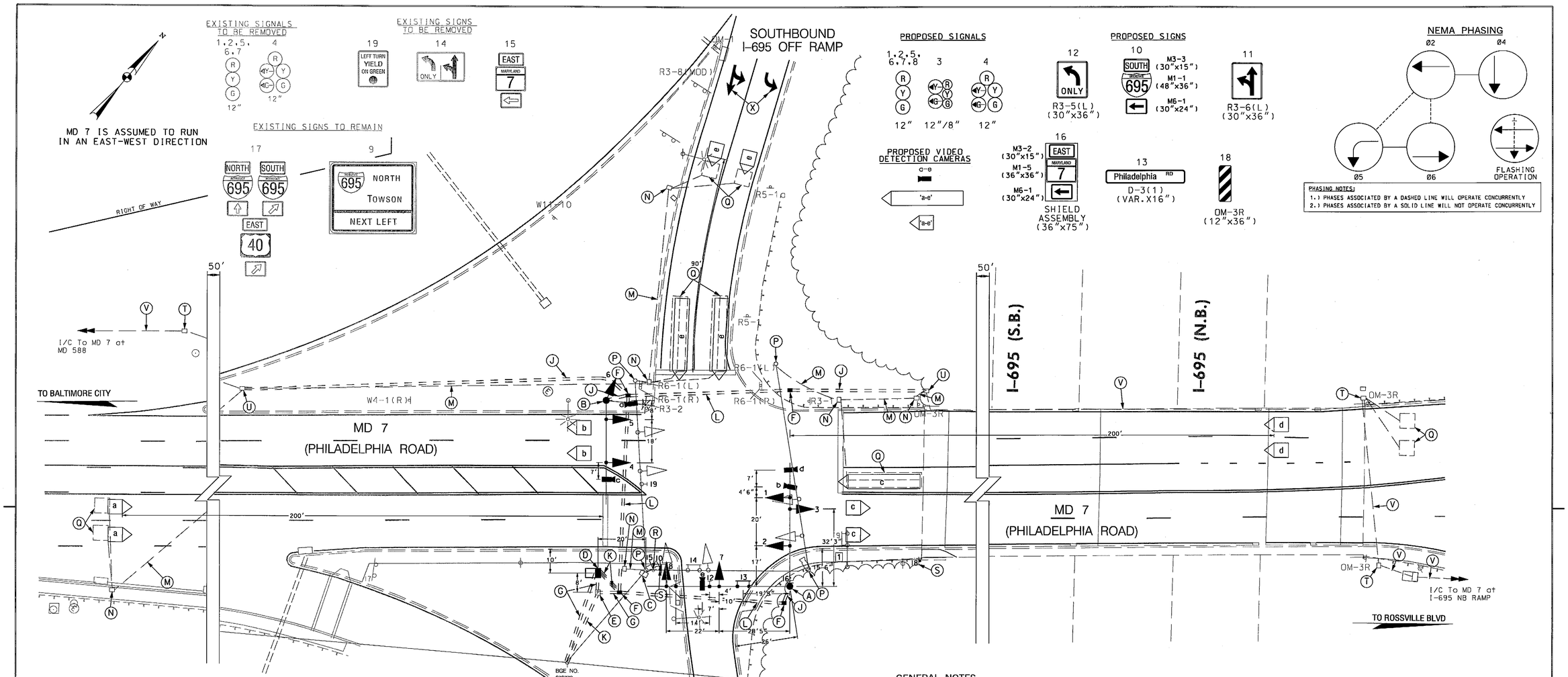

CONSTRUCTION DETAILS

A. FURNISH AND INSTALL 27' MAST ARM POLE WITH TWIN 50'/70' (CUT TO 58') MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS. (NOTE: INSTALL 1-3"(SCHEDULE 80) 90 DEGREES CONDUIT BEND)
B. FURNISH AND INSTALL 27' MAST ARM POLE WITH 50' MAST ARM (CUT TO 42'), SIGNAL HEADS, VIDEO DETECTION CAMERAS, AND 20' LIGHTING ARM WITH 250W-HPS LUMINAIRE. (NOTE: INSTALL 1-3"(SCHEDULE 80) 90 DEGREES CONDUIT BEND)
C. REMOVE EXISTING CABINET AND ALL ASSOCIATED EQUIPMENT.
D. INSTALL SIZE 6 BASE MOUNTED CABINET AND CONTROLLER AND ALL NECESSARY EQUIPMENT (NOTE: INSTALL 2-2"AND 2-4" (SCHEDULE 80), 90 DEGREES CONDUIT BENDS)
E. INSTALL EMBEDDED METERED SERVICE PEDESTAL (100 AMP).
F. INSTALL HANDHOLE
G. INSTALL 2" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT-TRENCHED.
J. INSTALL 3" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT-TRENCHED.
K. INSTALL 4" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT-TRENCHED.
L. INSTALL 4" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT-BORED.
M. CAP AND ABANDON EXISTING CONDUIT.
N. REMOVE EXISTING HANDHOLE.
P. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT.
Q. ABANDON EXISTING LOOP DETECTORS AND REMOVE ALL ASSOCIATED WIRING
R. REMOVE EXISTING SIGN
S. INSTALL GROUND MOUNTED SIGN
T. USE EXISTING HANDHOLE
U. USE EXISTING HANDHOLE. PULL BACK EXISTING INTERCONNECT AND REROUTE UNDERGROUND
V. USE EXISTING CONDUIT.
X. INSTALL PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL EXCEPT AS STATED ON THE GENERAL INFORMATION SHEET.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
7. ALL CONDUIT ENDING AT A UTILITY POLE SHALL BE STUBBED OUT ONE (1) FOOT ABOVE GROUND.
8. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

1 SIGN HEIGHTS

LUMINAIRE = 17'
BOTTOM OF SIGN = 18.5'

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

PB 100 YEARS
PARSONS BRINCKERHOFF
100 South Charles Street
Tower 1, 10th Floor
Baltimore, MD 21201-2727
Phone: 410-727-5050
Fax: 410-727-4608

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

REVISIONS
A RECONSTRUCT SIGNAL — TIMS NO. J639
CONTRACT # BA7803B6 — 6/1/09
KMP

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

MD 7 (PHILADELPHIA RD) AND I-695 I.L. S.B. RAMPS
ROSEDALE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' | DATE JANUARY 7, 1975 | CONTRACT NO. B-312-00X-485

DESIGNED BY E.M. MILESKY | COUNTY BALTIMORE
DRAWN BY E.M. MILESKY | LOGMILE 03000702.48
CHECKED BY STEVE RENZI | TIMS NO. J639
FAP NO. N/A | TOD NO.

TS NO. 4719A | DRAWING SP – 19 OF 39 | SHEET NO. 1 OF 2

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