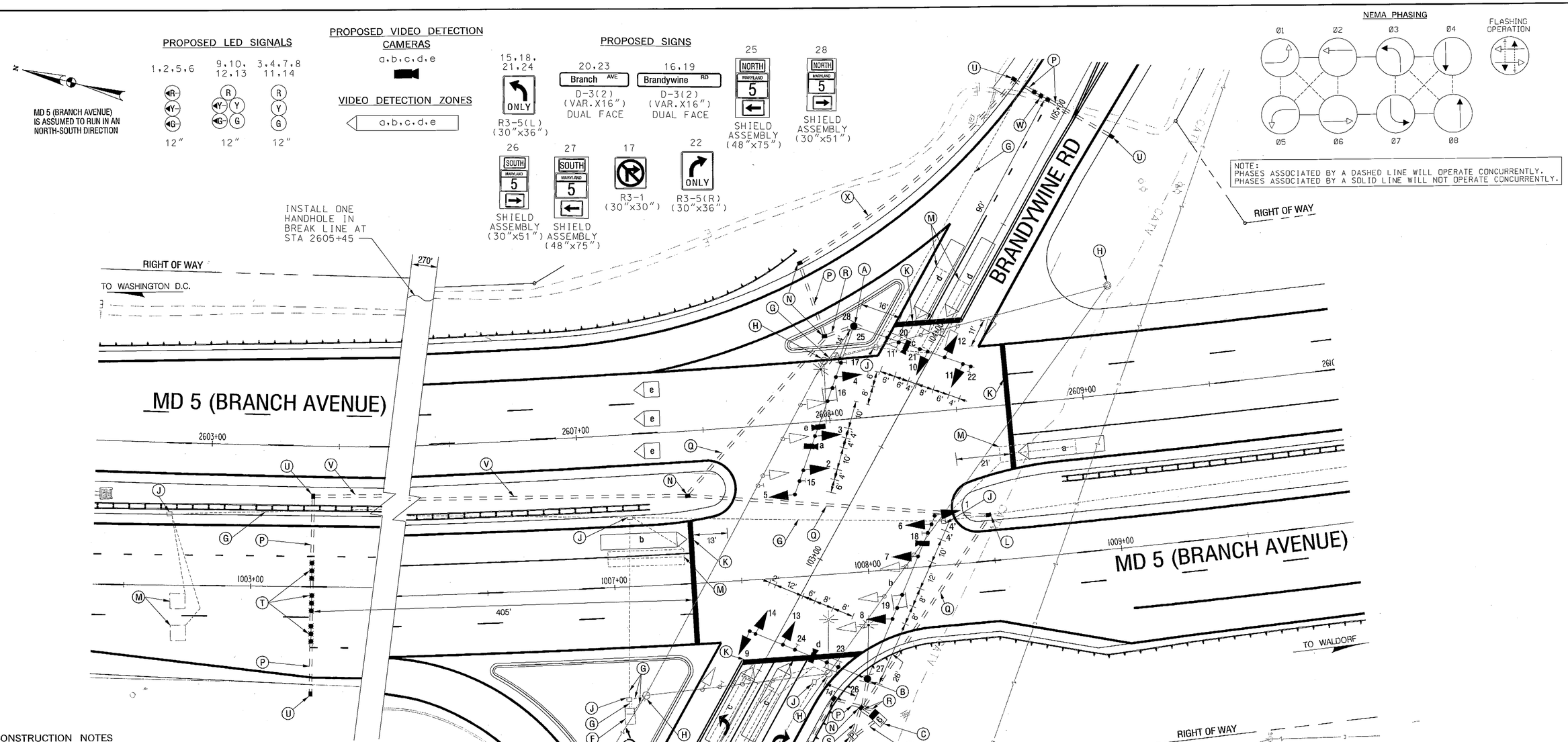

CONSTRUCTION NOTES

A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 70 FT AND 50 FT. TWIN MAST ARMS, SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND OVERHEAD VIDEO DETECTION CAMERAS. (NOTE: ONE-4 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 2608+12, 36'5" LT.

B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 70 FT AND 50 FT. TWIN MAST ARMS WITH SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE AND OVERHEAD VIDEO DETECTION CAMERAS. (NOTE: ONE-4 IN. PVC SCHEDULE 80 CONDUIT BEND). STA. 1007+97, 43' RT.

C. INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH VIDEO INTERFACE EQUIPMENT (NOTE: TWO-4 IN. PVC AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS). STA. 102+56, 48'4" RT.

D. INSTALL 200 AMP METERED SERVICE PEDESTAL WITH ONE-4 IN. AND TWO-2 IN. CONDUIT BENDS.

E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. STUB-UP CONDUIT BEND AT BASE OF UTILITY POLE (SMECO # 6622-50). SERVICE CONNECTION SHALL BE MADE BY POWER COMPANY.

F. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

G. CAP AND ABANDON EXISTING CONDUIT.

H. REMOVE EXISTING SIGNAL POLE, ALL ASSOCIATED EQUIPMENT AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL

J. REMOVE EXISTING HANDHOLE AND BACKFILL 12 INCHES BELOW GRADE.

K. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.

L. INSTALL HANDHOLE INTERCEPTING EXISTING CONDUIT CONTAINING INTERCONNECT CABLE.

M. REMOVE ALL EXISTING LOOP WIRES FROM THE HAND HOLES AND ABANDON EXISTING LOOPS.

N. INSTALL HANDHOLE

P. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

Q. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

R. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

S. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

T. INSTALL NON-INVASIVE PROBES WITH 1000 FT. LEAD-IN CABLE (TO BE PLACED IN THRU LANE ONLY PER SHA STANDARD MD 815-03).

U. INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES.

V. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.

CONSTRUCTION NOTES (CONTD.)

W. INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE (TO BE PLACED IN THRU LANE ONLY PER SHA STANDARD MD 815-03).

X. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

Y. STUP UP CONDUIT AT BASE OF POLE. TELEPHONE COMPANY TO MAKE FINAL CONNECTION.

Z. EXISTING OVERHEAD FEED TO BE DISCONNECTED BY UTILITY COMPANY.

20' 0 20' 40'

SCALE: 1" = 20'

UTILITY LEGEND

- STORM DRAIN
- GAS MAIN
- WATER MAIN
- SEWER MAIN
- ELECTRIC CABLES
- AERIAL CABLES
- TELEPHONE CABLES
- FIBER-OPTIC

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WWW.SABRA-WANG.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

F. REBUILD SIGNAL WITH MAST ARMS SHA NO. PG175B21 — 02/20/08
SWA E.R. — 02/20/08
E. RECONFIGURE EB MD 381 TO A SHARED LEFT/THRU LANE AND RIGHT TURN LANE SHA NO. BW996M82 — 04/2007
FDB JWB MR MR WA TH
D. INSTALL OPTICOM DETECTOR EYE WB BRANDYWINE RD SHA NO. PG308A57B57 — 03/21/2001
CJ DFI MRN TA

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

MD 5 (BRANCH AVENUE)
AT BRANDYWINE ROAD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 09/29/77 CONTRACT NO. PS63-501-385

DESIGNED BY J. SPENCE
DRAWN BY H. KILIAN JR.
CHECKED BY
F.A.P. NO. SEE TITLE SHEET
COUNTY PRINCE GEORGE'S
LOGMILE 16000503.11
TIMS NO. J437
TOD NO.

TS NO. 1526F | DRAWING pSG OF P001 | SHEET NO. 97 OF 110

PLOTTED: Thursday, February 12, 2009 AT 02:07 PM
FILE: R:\2003\40 BCS 2003-08D MRA JMT\Task 53 MD 5 at MD 373 and Brandywine\dwg\Signal\pSG-P001_MD5.dgn

BY: Asabra