MD 5 (Branch Avenue) is considered to run in a North/South direction.

EXISTING SIGNALS

1,2,5,6: IR, IY, IG — 12"

3,4,7,8,9,10,11,12,13,14: R, Y, G — 12"

EXISTING SIGN

15,16: LEFT TURN SIGNAL — R 10-10(L) 24" x 30"

EXISTING SIGN TO BE RELOCATED

19: ONLY — R 3-5(L) 30" x 36"

EXISTING SIGN TO BE REMOVED

17: ONLY — R 3-5(L) 30" x 36"

20: ONLY — R 3-5(1) 30" x 36"

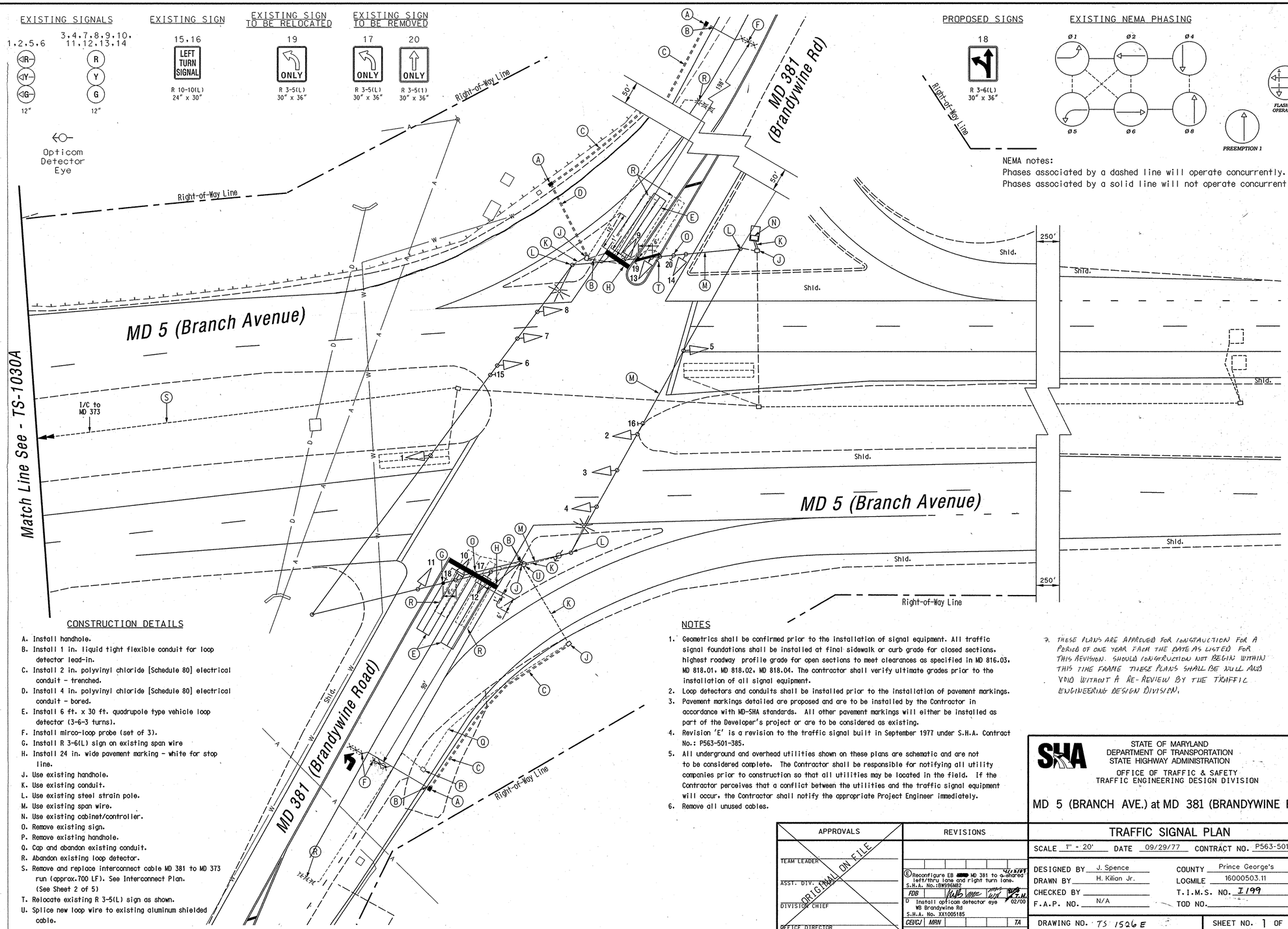
PROPOSED SIGNS

18: R 3-6(L) 30" x 36"

EXISTING NEMA PHASING




NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.




## CONSTRUCTION DETAILS

A. Install handhole.
B. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
C. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
D. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
E. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
F. Install mirco-loop probe (set of 3).
G. Install R 3-6(L) sign on existing span wire
H. Install 24 in. wide pavement marking - white for stop line.
J. Use existing handhole.
K. Use existing conduit.
L. Use existing steel strain pole.
M. Use existing span wire.
N. Use existing cabinet/controller.
O. Remove existing sign.
P. Remove existing handhole.
Q. Cap and abandon existing conduit.
R. Abandon existing loop detector.
S. Remove and replace interconnect cable MD 381 to MD 373 run (approx.700 LF). See Interconnect Plan. (See Sheet 2 of 5)
T. Relocate existing R 3-5(L) sign as shown.
U. Splice new loop wire to existing aluminum shielded cable.

## NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at 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.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision 'E' is a revision to the traffic signal built in September 1977 under S.H.A. Contract No.: P563-501-385.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
6. Remove all unused cables.
7. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE AS LISTED FOR THIS REVISION. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A RE-REVIEW BY THE TRAFFIC ENGINEERING DESIGN DIVISION.

## GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

## UTILITY LEGEND

| | |
|---|---|
| G G | GAS MAIN |
| W W | WATER MAIN |
| S S | SEWER MAIN |
| E E | ELECTRIC CABLES |
| D D | STORM DRAIN |
| A A | AERIAL CABLES |
| T T | TELEPHONE CABLES |


Revision 'E'
The Traffic Group
The Traffic Group, Inc.
Suite H
9900 Franklin Square Drive
Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601


| APPROVALS | REVISIONS |
|---|---|
| TEAM LEADER | E Reconfigure EB MD 381 to 6-shared left/thru lane and right turn lane. S.H.A. No.IB0996B2 — FDB — 02/00 |
| ASST. DIV. CHIEF | D Install opticom detector eye WB Brandywine Rd S.H.A. No. XX1005185 — CEVCV / MAN — TA |
| DIVISION CHIEF | |
| OFFICE DIRECTOR | |

ORIGINAL ON FILE

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 5 (BRANCH AVE.) at MD 381 (BRANDYWINE RD.)

# TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 09/29/77 CONTRACT NO. P563-501-385

DESIGNED BY J. Spence
DRAWN BY H. Kilian Jr.
CHECKED BY
F.A.P. NO. N/A

COUNTY Prince George's
LOGMILE 16000503.11
T.I.M.S. NO. I199
TOD NO.

DRAWING NO. TS 1526 E

SHEET NO. 1 OF 5

DRILL HOLES
DRILL HOLES
DRILL HOLES

BORDER REV: DATE: June 1, 2004

e:\sheets\2003\2003-0611A\DES\signsheet.dgn 11/29/2006