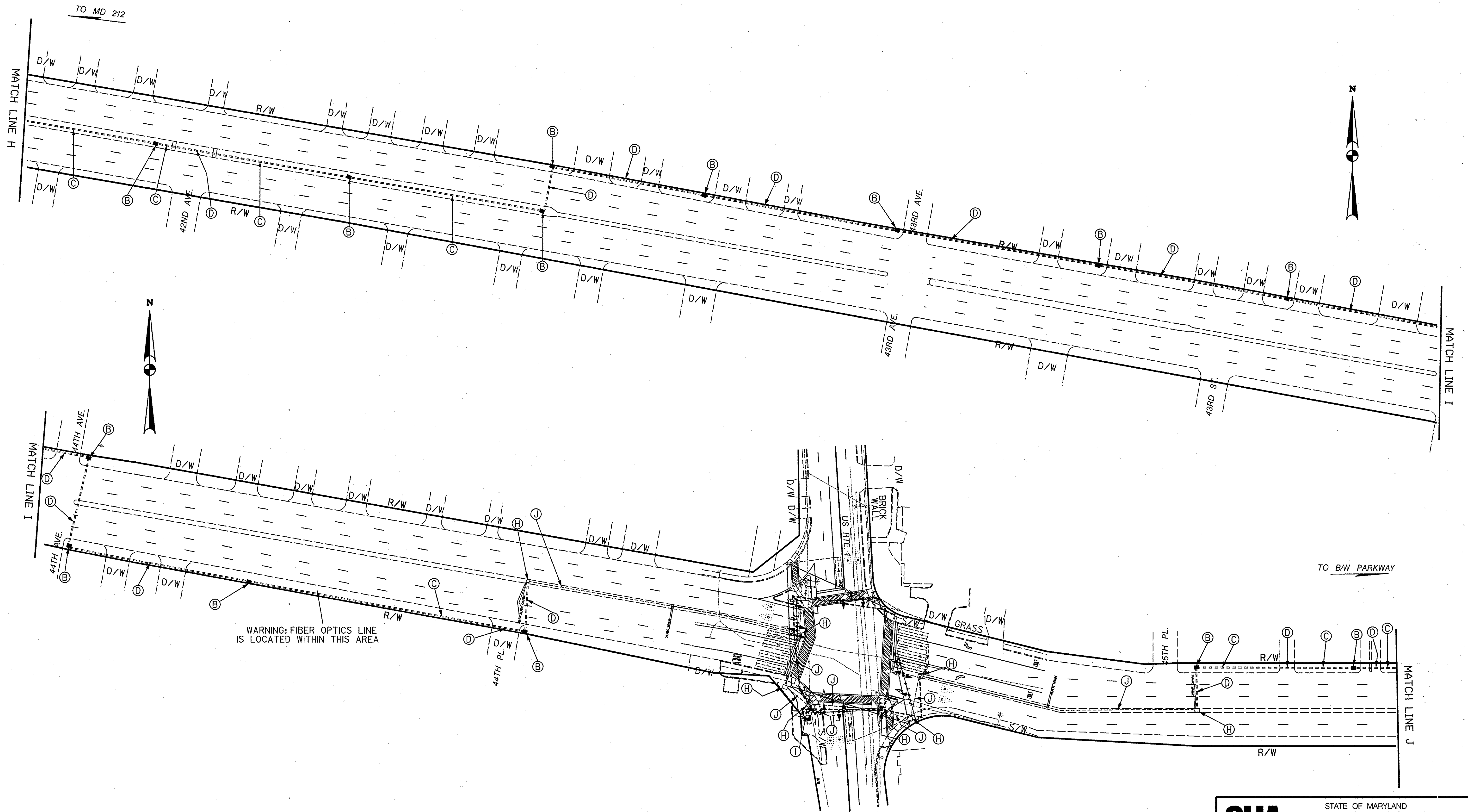




CONSTRUCTION DETAILS

- A. INSTALL 3/8 IN. STEEL SPAN WIRE. INSTALL INTERCONNECT CABLE.
- B. INSTALL HANDBOX.
- C. INSTALL 3 IN SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED. INSTALL INTERCONNECT CABLE.
- D. INSTALL 3 IN SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT - BORED. INSTALL INTERCONNECT CABLE.
- E. INSTALL 6 FT X 6 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- F. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- G. SEE CORRESPONDING TRAFFIC SIGNAL PLAN. INSTALL INTERCONNECT CABLE.
- H. USE EXISTING HANDBOX.
- I. EXISTING CABINET TO REMAIN (INSTALL QUICK CONNECT BLOCK). PULL INTERCONNECT CABLE INTO EXISTING CABINET.
- J. USE EXISTING CONDUIT. INSTALL INTERCONNECT CABLE.
- K. INSTALL 14 IN. X 32 FT. (TWO PLY) STEEL STRAIN POLE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- L. INSTALL 2-CONDUCTOR (ALUMINUM SHIELDED) ELECTRICAL CABLE (NO. 14 AWG).
- M. REMOVE OVERHEAD INTERCONNECT CABLE.
- N. INSTALL GROUND ROD.
- O. INSTALL STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG).
- P. USE EXISTING CONDUIT.

GEOMETRIC LEGEND

===== EXISTING
 ===== PROPOSED

UTILITY LEGEND

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

SHA

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

MD 410 (EAST-WEST HIGHWAY)
 FROM TAYLOR ROAD TO MD 212

INTERCONNECT PLAN

SCALE 1" = 50' DATE 6/05 CONTRACT NO. AT7205785

DESIGNED BY WMB COUNTY PRINCE GEORGE'S
 DRAWN BY WMB LOGMILE 03.730 TO 0.840
 CHECKED BY CJP T.I.M.S. NO.
 F.A.P. NO. AC-SP6-000A (6) E TOD NO.

DRAWING NO. 10651C - 5 OF 6 SHEET NO. 11 OF 12

BAI

BRUDIS & ASSOCIATES, INC.
 CONSULTING ENGINEERS

9220 RUMSEY ROAD, SUITE 110
 COLUMBIA, MARYLAND 21045
 410-884-3607 410-884-3609 (FAX)

BY: \$USER\$NAME\$

PLOTTED: \$DATE\$TIME\$
 FILE: \$FILE\$

TOD No: AT720-01
 SHA: PG641A51/B51