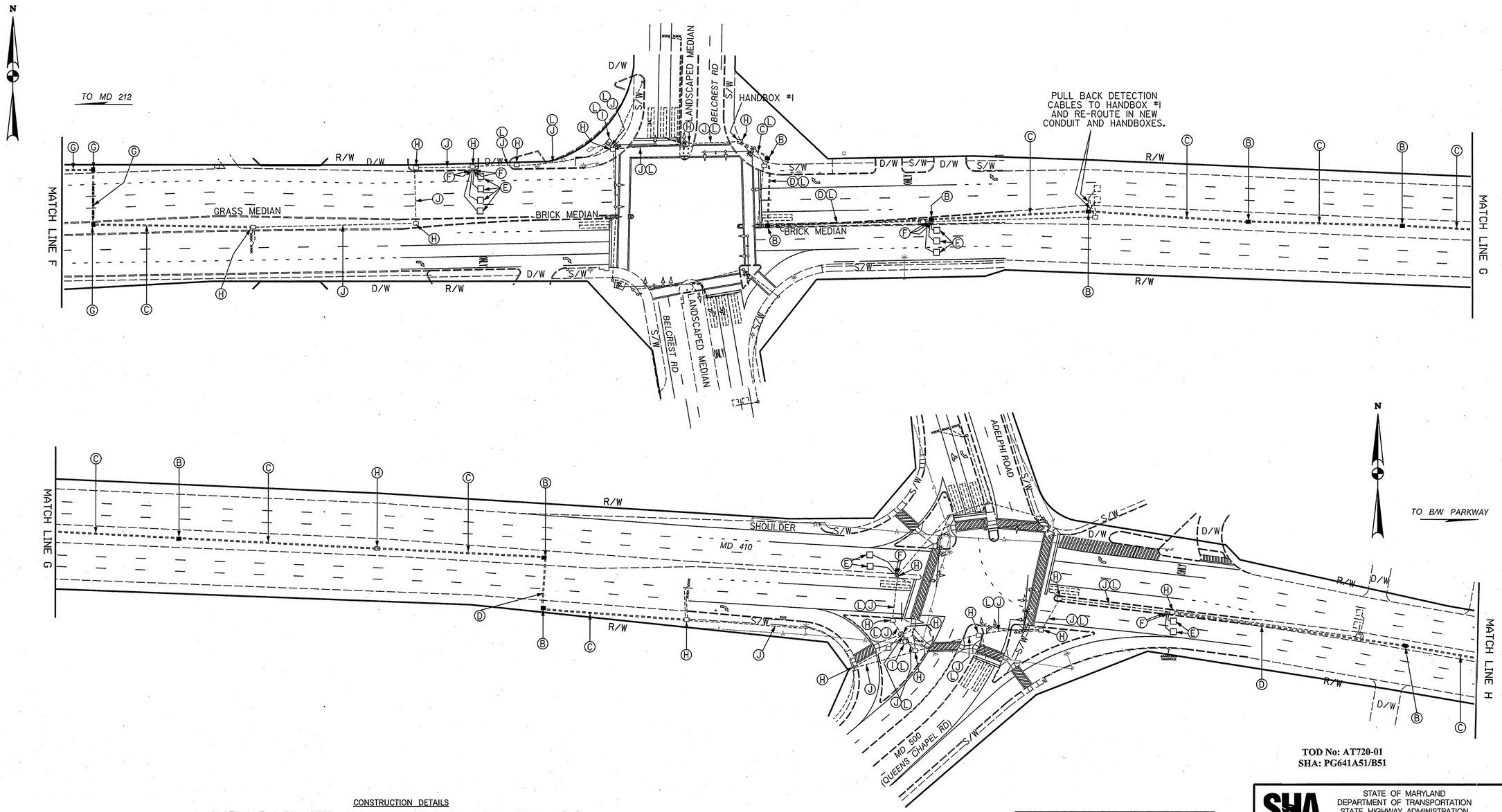

TOD No: AT720-01
SHA: PG641A51/B51

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

BAI
BRUDIS & ASSOCIATES, INC.
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9220 RUMSEY ROAD SUITE 110
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410-884-3607 410-884-3609(FAX)

BY: $USERNAME$

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. AT720 5285

DESIGNED BY WMB
DRAWN BY WMB
CHECKED BY CJP
F.A.P. NO. AC-STPG-000A (61)E

COUNTY PRINCE GEORGE'S
LOGMILE 03.730 TO 0.840
T.I.M.S. NO.
TOD NO.

DRAWING NO. 10651C - 4 OF 6 SHEET NO. OF

PLOTTED: $DATETIME$
FILE: $FILE$