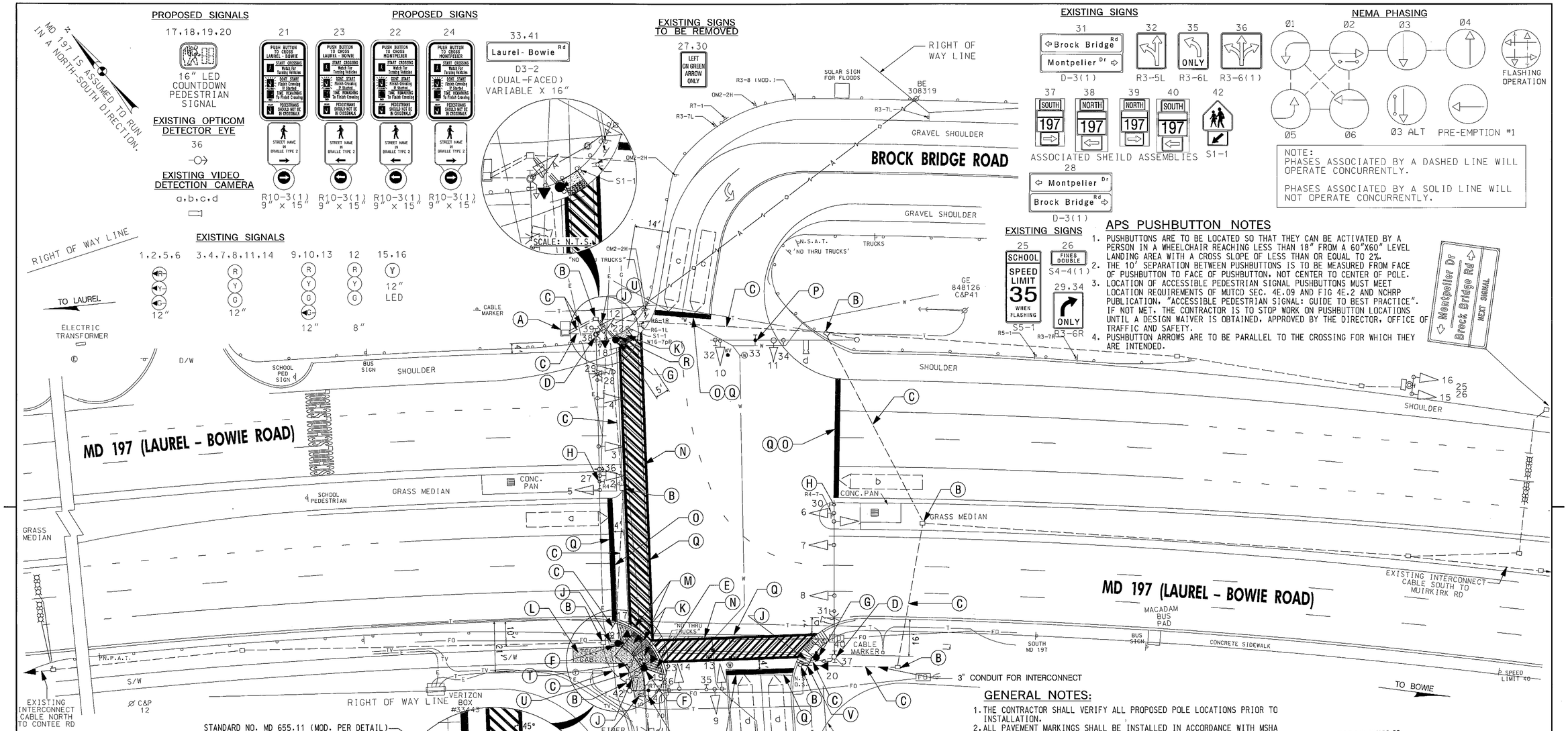

APS PUSHBUTTON NOTES

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"X60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG 4E.2 AND NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNAL: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
4. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
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 UTILITIY 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.

CONSTRUCTION DETAILS:

A. USE EXISTING SIGNAL CABINET AND CONTROLLER.
B. USE EXISTING HANDHOLE.
C. USE EXISTING CONDUIT.
D. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD AND INSTALL NEW PEDESTRIAN SIGNAL HEAD.
E. RELOCATE EXISTING "NO THRU TRUCKS" SIGN USING SAME POSTS.
F. INSTALL MODIFIED CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE BREAKAWAY COUPLINGS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN.(MD 801.01-01)
G. INSTALL MODIFIED CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE BREAKAWAY COUPLINGS, (CUT TO 5 FT), PUSHBUTTON, AND SIGN.(MD 801.01-01)
H. REMOVE EXISTING OVERHEAD SIGN.
J. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
K. INSTALL SIDEWALK SLOPED 2% TOWARD ROAD.
L. INSTALL 5 FOOT WIDE / 5 INCH DEPTH CONCRETE SIDEWALK.
M. INSTALL TYPE A CONCRETE CURB.
N. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PAVEMENT MARKINGS.
O. INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PAVEMENT MARKINGS.
P. INSTALL NEW SIGN ON THE EXISTING MAST ARM.
Q. REMOVE EXISTING PAVEMENT MARKINGS.
R. REMOVE EXISTING PEDESTAL POLE, PUSHBUTTON AND SIGN. (REMOVE FOUNDATION 12" BELOW GRADE)
T. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND SIGN.
U. CAP AND ABANDON EXISTING CONDUIT.
V. REPLACE SIDEWALK WITH ADA COMPLIANT SIDEWALK AFTER INSTALLING CONDUIT.

TOD NO: XY132-02
SHA NO: PG440B51
MD 197 @ Montpelier Dr/Brock Bridge Rd

KCI TECHNOLOGIES
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CONSTRUCTION MANAGERS
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BY: MKabengele

UTILITY LEGEND	
G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES
FO — FO	PROPOSED FIBER
SD — SD	STORM DRAIN PIPE
CAT — CAT	CABLE TV

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

REVISIONS
(H) APS/CPS INSTALLATION TIMS NO. K069 9/2012 CONTRACT # XAP825185 KCI
G PHASE CHANGE TO SIDE STREET SPLIT 8/2005 SHA NO. AT7825185 D.EBY | DJR | | WH | TH
F INSTALLATION OF SE CORNER SIGNAL POLE AND EQUIPMENT 7/2005 INS. NO. 2786116036 MLH

PLOTTED: Tuesday, September 25, 2012 AT 01:59 PM
FILE: J:\DATA\K069\Design Files\K069 Plan.dgn

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 197 AND MONTPELIER DRIVE/BROCK BRIDGE ROAD
MONTPELIER, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 10-10-83 CONTRACT NO. AW680501085

DESIGNED BY BRUCE THOMPSON — COUNTY PRINCE GEORGES
DRAWN BY — LOGMILE 16019712.71
CHECKED BY — TIMS NO. G804
F.A.P. NO. SEE TITLE SHEET — TOD NO.

TS NO. 2546 H | DRAWING SG - 1 OF 2 | SHEET NO. 1 OF 2