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The below is a representative list of projects, which include, but may not be necessarily limited to, utility designating, utility test hole, and GPR services performed by AB Consultants, Inc.:

Project Name: 11219 Greenspring Avenue
Project Owner: Baltimore County
Services Performed: Test Pits
Scope of Work: Performed test hole services for 11219 Greenspring Avenue, located in Baltimore County, Maryland.

Project Name: 17200 Usher Place
Project Owner: Prince George's County
Services Performed: Utility Test Holes
Scope of Work: Provided utility test hole services for 17200 Usher Place in Prince George's County, Maryland.

Project Name: 33rd Street & Loch Raven Boulevard
Project Owner: City of Baltimore
Services Performed: Utility Designation, Surveying, Geotechnical Investigation
Scope of Work: AB Consultants, Inc provided surveying, geotechnical and utility designation for 33rd Street and Loch Raven Boulevard, located in Baltimore, Maryland.

Project Name: Arundel Road Drainage Improvement WMR
Project Owner: WSSC
Services Performed: Utility Designation and Subsurface Investigation Services
Scope of Work: AB provided utility designation and subsurface investigation services this included: one (1) 15-ft deep soil test borings with a total footage of about 15 feet was drilled in the proposed study areas as a subsurface investigation; and the necessary laboratory test was performed to determine various soil parameters in accordance with the Appendix D and F of WSSC Pipeline Design Manual.

Project Name: Avondale WMR
Project Owner: WSSC
Services Performed: Provide Engineering and Subsurface Investigation Services
Scope of Work: AB provided engineering and subsurface investigation services for the referenced project, this included: field delineation of the existing underground utilities using a Metrotech 810; and performed six utility test holes that were approximately six feet deep, identified and obtained top elevation of existing utility.

Project Name: Baltimore County On-Call Engineering Services Contract 2011-01
Project Owner: Baltimore County Office of Budget & Finance
Services Performed: Subsurface Utility Exploration (SUE) / Utility Designation / Test Holes (Air-Vacuum Excavation) / Maintenance of Traffic (MOT)
Scope of Work: AB Consultants, Inc. performed on this Baltimore County On-Call Civil Engineering and Highway Design Services contract, which includes: roadway/intersection design, landscape architectural design, utility designation, environmental permitting and drainage design, and structural design. AB was



primarily responsible for utility designation, utility test holes using air-vacuum excavation, and maintenance of traffic (MOT).

Project Name: Beechfield Avenue Test Pitting for Gas Line
Project Owner: Howard County, c/o Nolan Associates, Inc
Services Performed: Test Holes
Scope of Work: Performed test pitting of the gas line at Beechfield Avenue, located in Howard County, Maryland.

Project Name: Bladensburg WMR
Project Owner: WSSC
Services Performed: Utility Designation/Surveying, Subsurface/Geotechnical Investigation, Maintenance of Traffic, Laboratory Material Testing and Test Pits.
Scope of Work: AB provided Surveying, Utility Designation and Geotechnical Investigations services for Bladensburg, this included utility marking/designation, test pitting, soil borings, and pavement cores.

Project Name: Boyd's Turn Rd from MD 260 to Windy Hill School Complex
Project Owner: Calvert County
Services Performed: Utility Test Pits
Scope of Work: Road Upgrade of about 0.8 miles. AB Services: Miss Utility Clearance & Permits; Test Holes; Records Research; The Performance of Test Holes/Pits; Prepared Test Hole Sketches and Reports; Utility Mapping; Field Locate Holes & Elevations.

Project Name: Cape Saint Claire Road Test Holes
Project Owner: Anne Arundel County
Services Performed: Test Holes
Scope of Work: Provided utility test hole services for Cape St. Claire Road, located in Anne Arundel County, Maryland.

Project Name: Cedar Lane 20" Transmission WMR
Project Owner: WSSC
Services Performed: Utility Designation/Surveying, Subsurface/Geotechnical Investigation, Maintenance of Traffic, Laboratory Material Testing and Test Pits.
Scope of Work: AB performed five (5) utility test holes that were approximately six (6) feet deep, and also identified and obtained top elevation of existing utility. AB also performed the necessary laboratory test and determined various soil parameters in accordance with WSSC's Pipeline Design Manual.

Project Name: Colgate Elevated Water Storage Task # 2007-06
Project Owner: Baltimore County
Services Performed: Utility Test Holes
Scope of Work: Provide utility test hole services for Colgate Elevated Water Storage Tank, located in Baltimore County, Maryland.

Project Name: College Parkway Entrance at Anne Arundel Community College
Project Owner: Anne Arundel Community College
Services Performed: Utility Designation, Utility Test Holes
Scope of Work: AB performed topographic survey services, utility designations, and utility test hole services for Anne Arundel Community College Entrance @ College Parkway and College Drive.



Project Name: District Heights I Meter Vault Replacements
Project Owner: WSSC,
Services Performed: Utility Designation, Utility Test Holes
Scope of Work: AB provided utility designation and utility test holes for District Heights I Meter Vault Replacement, and also performed three utility test holes that were approximately six feet deep, identified and obtained top elevation of existing utility.

Project Name: Dogwood-Featherbed Road Test Pits
Project Owner: Baltimore County
Services Performed: Utility Test Pits
Scope of Work: Performed 10 Utility test pits using air-vacuum excavation up to 6'. Performed approximately 4 test pits with a depth beyond 6 feet. Provided a test holes report and Maintenance of Traffic. Also responsible for cutting & patching of paved surface for 7 of the test holes 6" or less.

Project Name: Edmunds Way Survey
Project Owner: Howard County
Services Performed: Topographic Survey, Utility Designation
Scope of Work: Performed topographic survey and utility designation for Edmunds Way, located in Howard County, Maryland.

Project Name: Falling Waters Court
Project Owner: Howard County
Services Performed: Topographic Survey, Utility Designation
Scope of Work: Performed topographic survey and utility designation for Falling Waters Court, located in Howard County, Maryland.

Project Name: Five Montgomery County Large Meter Vault Replacements
Project Owner: WSSC
Services Performed: Utility Designation and Subsurface Investigation Services
Scope of Work: AB performed utility designation and subsurface investigation services for the referenced project, this included utility marking, test holes, and soil borings. Each site required 1 soil boring, 2 test pits and utility designation within a 200 foot boundary in all directions from the existing meter vault.

Project Name: Foxwood Pond; HO CO 5146-36
Project Owner: Howard County
Services Performed: Surveying (Horizontal and Vertical Control)
Scope of Work: AB established field survey controls, performed utility designation, performed topographic survey, captured pond invert elevations, surveyed as-built elevations of emergency spillway, and principal spillway riser and outfall structure, as well as field locating wetland flagging. AB mapped contours to one foot interval.

Project Name: Georgia Avenue Passageway
Project Owner: Montgomery County
Services Performed: Surveying/ Utility Test Holes
Scope of Work: Provided Utility Test Hole Services and Surveying Services for the Georgia Avenue Passageway, located in Montgomery County, Maryland.

Project Name: GPR for Sinkhole, (BR5289A11)
Project Owner: WSSC
Services Performed: Geotechnical Investigation/ GPR Services
Scope of Work: AB Consultants, Inc performed ground penetration radar (GPR) services to investigate a sunken area over an existing 96" PCCP water main at I 1424 Beechgrove Lane in Potomac, Montgomery County. Though the sunken area has been filled and refilled with flowable fill, the depression continued to reoccur. AB prepared a final report of the ground penetration radar investigation.



Project Name: Joint Base: Anacostia-Bolling DIA Cooling Tower Expansion
Project Owner: NAVFAC Washington
Services Performed: Topographic Survey, Utility Designation, Civil CAD Details
Scope of Work: AB Consultants, Inc. performed topographic surveying, utility designation and standard construction details for the Joint Base Anacostia - Bolling Cooling Tower Expansion.

Project Name: Maidens Choice Relief Sewer; BALT CO 4-008-12
Project Owner: Baltimore County
Services Performed: Utility Test Pits
Scope of Work: Provided Utility Test Pit Services for Maidens Choice Relief Sewer, located in Baltimore, Maryland.

Project Name: MD 202 @MD 295 SB OFF RAMP
Project Owner: Prince George's County, c/o Century Engineering
Services Performed: Utility Designation
Scope of Work: Performed utility designation at the intersection of MD 202 and MD 295 in Prince George's County, Maryland.

Project Name: MTA Parking Lot - Ponca Street
Project Owner: MTA
Services Performed: Topographic Survey / Utility Designation
Scope of Work: Performed topographic survey, utility designation, test pits, drainage design and respective ESC design for MTA parking Lot.

Project Name: Old Naval Hospital Hill Center
Project Owner: Old Naval Hospital, C/O Bell Architects
Services Performed: Topographic Surveys / Utility Designation / Site & Utility Engineering
Scope of Work: The project site called Old Naval Hospital (ONH) Hill Center, is located at 921 E Street, SE, Washington DC and consisted of 2 buildings, the Main Building and the Carriage House. Both buildings are classified under historic buildings. The project consisted of upgrades to the both buildings including grading, new parking lot, ADA accessibility, utility improvements, and Bioretention - storm water management improvements utilizing an LID/ESD approach. Site Civil Engineering services included topographic survey; utility designating; site water and sewer design; storm drain and SWM/BMP design; cost estimate and construction specifications.

Project Name: Cross County Connector: Phase 5, 6 & 7
Project Owner: Charles County Government CIP
Services Performed: Provide multi-disciplinary engineering, surveying and heavy highway construction for several major arterial roadways
Scope of Work: AB provided multi-disciplinary engineering and surveying services for a major arterial roadway, Cross County Connector, approximately 7.2 miles long (Phases 5, 6 & 7) in Charles County from Middletown Road to MD 210 through urban and suburban settings. This linear highway project was designed in three phases, however for MDE and USACE permitting, the three phases required permitting through those environmental agencies as one project, due to impacts to wetlands, Waters of the US, and floodplains. Engineering services included highways, structural, environmental, geotechnical, stormwater management, landscape architectural, utilities, surveying, public presentations, permitting, value engineering, construction documents and cost estimate. Estimated construction cost is \$50 Million.

Project Name: DELDOT I-95 and SR-141 Interchange
Project Owner: DELDOT
Services Performed: Utility Designation / Test Holes
Scope of Work: AB provided utility designating and test hole services for the I-95 & SR 141 Interchange, located in New Castle, Delaware.