

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
1

21. TITLE AND LOCATION *(City and State)*

ID/IQ SURVEYING & ENGINEERING SERVICES
USACE, BALTIMORE DISTRICT

22. YEAR COMPLETED

PROFESSIONAL SERVICES
 2003-2009

CONSTRUCTION *(If applicable)*

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

US ARMY CORPS OF ENGINEERS, BALTIMORE DISTRICT

b. POINT OF CONTACT NAME

Mr. Sean Dawson

c. POINT OF CONTACT TELEPHONE NUMBER

(410) 962-6156

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Under ID/IQ task order agreement, various projects included the establishment of survey controls with High Order Accuracy from NGS controls, topographic survey, GPS, stream cross sections, hydrographic survey for tidal basins and water bodies, wetland location survey, utility survey and mapping and preparation of base maps in accordance with the USACE standards. Sample assignment includes, but not limited to:

POPLAR ISLAND, MD - Established horizontal and vertical controls on seven new control stations and twenty one temporary control points for the 1,200 acres of island located in theCheseapeake Bay created from dredging materials of Baltimore Inner Harbor. This of man made island was created for wetland mitigation and biohabitat. We also provided an aerial survey, digital orthophotographs and oblique photographs in the spring and fall of 2006, the fall of 2007 and the fall of 2008.



WICOMICO RIVER CHANNEL MAPPING, SALISBURY, MD - Established forty nine aerial panels and picture points to establish aerial control to map the Wicomico River beginning at the US 50 Bridge to the mouth of the Monie Island point, totaling approximately 20.5 miles. Digital color orthophotos were provided. The mapping and photos were used to determine the shipping alignments and areas of encroachment into the shipping channel by permitted as well as non-permitted docks and piers.

CAMERON RUN SEDIMENT MODELING STUDY, ALEXANDRIA, VA- Established new project control and performed eleven cross sections along Cameron Run located in Alexandria, Virginia, beginning at the confluence of the Backlick Creek and Holmes Run and terminating at the Potomac River. Additionally a sediment modeling study was performed with the assistance of our sub consultant to



determine the amount of sediment being transported and did a recommendation of potential locations and sizes of a dredging envelope for accumulating the sediment for future dredging efforts. The existing HEC-RAS model was also analyzed to access bed shear-stress and to predict when near-bed incipient motion thresholds are exceeded.

CAMERON RUN STREAM RESTORATION, ALEXANDRIA, VA -

Performed new aerial mapping for the project limits beginning at the I-95 Springfield Interchange and terminating at the Potomac River, totaling approximately 9 miles of mapping at a corridor width of two hundred feet each side of the bank. We also were tasked with preparing the 35% design plans for the Lower Watershed of Cameron Run, beginning at the CSX Bridge to the Potomac River. Geomorphological data was collected to perform a Rosgen Level I and II classification of the reach and prepare the Stream restoration design plans.

BISHOPVILLE POND ECOSYSTEM TECHNICAL REVIEW, BISHOPVILLE, MD - Performed an initial technical review of previously submitted design plans submitted to the Corp of Engineers for comments. Meetings with the designer and other stakeholders was held to discuss the submitted design plans and recommendations were given at the meeting on revisions that would be necessary in order to ensure a quality set of design plans.

[PAINT BRANCH STREAM RESTORATION SURVEY, COLLEGE PARK, MD](#)- Established horizontal and vertical control onsite and performed a field run topographic survey of approximately one mile of stream. Six bridge detail surveys were performed and a detail survey was performed on the bathymetry of the stream for the restoration designer's use.

[ARLINGTON NATIONAL CEMETERY, ARLINGTON, VA](#)- Performed a land transfer of a 12.0-acre, a 10.75 acre and a 2.7-acre parcel of land from Fort Myer Military Base, located in Arlington, Virginia, to Arlington National Cemetery. The additional areas are to be used for increasing the land area for additional burial sites. The 12.0-acre parcel was divided out of Section 29 of Arlington National Cemetery and reserved for future use, while the remainder of Section 29 was to be conveyed to the National Park Service. The 10.75 and 2.7-acre parcels were conveyed to Arlington National Cemetery for future burial grounds from Fort Myer Military Base. The parameters of the property to be divided out and conveyed were in accordance with executive orders issued by Congress by Public Law 107-107, dated December 28, 2001 in Section 2863, Subsection H.



[ARLINGTON NATIONAL CEMETERY, ARLINGTON, VA](#)- Performed survey control and color digital orthophotos for the entire Cemetery encompassing approximately 600 acres. The digital orthophotos were rectified and provided in a format compatible with ArcGIS.

[C & O CANAL, CUMBERLAND, MD](#) - Performed a topographic survey of approximately eight acres of land surrounding an abandoned section of the C & O Canal in the City of Cumberland, Maryland. The survey was for the USACE to design a Rewatering system where water was planned to be pumped from the Willis Creek to flood an abandoned section of the canal. The survey consisted of three separate sites, one being the planned staging area and pumping station where a temporary pump would be installed to convey water into the abandoned section of the canal. The second site included an existing footbridge, which was to be used to hang the temporary pipeline to transmit the water to the old canal site and two existing sets of railroad tracks which were to be surveyed to aid in designing a proposed overpass. The third was a mitigation site for constructing additional wetlands that would be disturbed during the construction phase of this project.

[FOUR MILE RUN, ALEXANDRIA, VA](#) - In 2004 we performed twenty one cross sections across approximately 4 miles of Four Mile Run in Alexandria, Virginia for a HEC-RAS analysis to determine the amount of proposed dredged material and any potential environmental improvements that could be designed. A complete bridge detail survey was also performed on twelve bridges that spanned the creek to develop the constricted opening size for Four Mile Run at each bridge. Additional topographic work was performed for this same site under a different task order in 2007 extending the topographic survey for an additional mile upstream. Four additional bridge detail surveys were done and the current deeds and record plats were obtained and a property mosaic was prepared for the section.

[NEW FIRE STATION, FORT BELVOIR, VA](#) - Performed a topographic survey of approximately five acres for a new Fire Station Facility on the Fort Belvoir base. Horizontal and vertical control were established and mapping was supplied in the new MicroStation XM format. Existing underground utility markings were also surveyed and incorporated into the base plans.

[CHILD DEVELOPMENT CENTER, FORT BELVOIR, VA](#) - Performed a topographic survey of approximately fifteen acres for a new Child Development Center on the Fort Belvoir base. Horizontal and vertical control were established and mapping was supplied in the new MicroStation XM format. Existing underground utility markings were also surveyed and incorporated into the base plans.

[MT. WEATHER EMERGENCY OPERATION CENTER, VA](#): performed a site visit to Mt. Weather to inspect a potential property for a boundary survey for a proposed acquisition to be made for future expansion. Clearance was required prior to performing the site visit.

[REMOTE TRUCK INSPECTION FACILITY, FORT DETRICK, MD](#): surveys and utility designation were required for a proposed expansion of the Truck Inspection Facility for the contractor's entrance to Fort Detrick. The base was a secure site and our field crew's information was supplied to the base to obtain clearance for working onsite.

GREENSBURY POINT, ANNAPOLIS, MD: sounding and topographic survey were required for the Naval Academy to determine if dredging would be required and to find a potential spoil site. The Rifle Clearance Zone of the gun range for the Academy overlapped into our work area and daily coordination was required to ensure we did not enter the site during active training operations.

ABERDEEN PROVING GROUNDS, ABERDEEN, MD: performed an aerial topographic survey of over 400 acres of the project site located near the active range for the testing ammunition. Our crews obtained clearance for Contractor ID Badges and were required to be escorted to portions of the site. The entire project was delivered on a tight timeline of two months from field to finish.

TIOGA-HAMMOND DAM & COWANESQUE DAM, PA: underwater inspections were required to determine the amount of build up of sediments and debris, accumulation of aquatic plant and animal life and structural integrity of the intake, outlet, and other areas of the dams. We were required to be escorted during the operations and did an emergency inspection on a last minute request on Sayers Dam before the crews returned home.

CALVERT CLIFFS NAVAL RESEARCH LABORATORY, CHESAPEAKE BEACH, MD: the site has experienced serious wind, water/shoreline erosions and several building foundations were in jeopardy of safety. This was a semi-emergency and upon request from US Army Corps of Engineers (USACE), we performed several site inspections and prepared feasibility study report with recommendations and detailed design for phase II remediation and slope protection including civil engineering, structural engineering, geotechnical engineering and surveying to depict cliff slope accurately.



VARIOUS BRIDGE INSPECTIONS, PA & MD: Visual inspections were performed on eight (8) separate bridges at five different dam facilities located in Pennsylvania and Maryland which are owned or operated by the USACE. The inspections were performed on a snooper truck and all defects or deficiencies were inspected, photographed and documented. Underwater Inspections were also performed on one bridge. A separate Bridge Inspection Report was prepared for each site and submitted in the Corps of Engineers Bridge Inventory System (CEBIS) format.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME AB Consultants, Inc.	(2) FIRM LOCATION (City and State) Lanham, MD	(3) ROLE Various Surveying and Engineering Services
b.	(1) FIRM NAME Aero-Metric, Inc.	(2) FIRM LOCATION (City and State) Dulles, MD	(3) ROLE Aerial Survey
c.	(1) FIRM NAME Michael Baker Jr. Inc.	(2) FIRM LOCATION (City and State) Alexandria, MD	(3) ROLE Various Engineering Services
d.	(1) FIRM NAME Rummel, Klepper & Kahl, LLP	(2) FIRM LOCATION (City and State) Fairfax, Virginia	(3) ROLE Various Survey and Engineering Services
e.	(1) FIRM NAME M&N Engineering and Diving Services, Inc.	(2) FIRM LOCATION (City and State) Fallston, MD	(3) ROLE Underwater Inspection

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20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION *(City and State)*

**Bridge 180 Repairs @ Naval Medical Center
Bethesda, Maryland**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2011

CONSTRUCTION *(If applicable)*

2011

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

NAVFAC, Public Works Department-North
Potomac/FEAD

b. POINT OF CONTACT NAME

Mr. Eric Ofei
Ms. Thuy Le

c. POINT OF CONTACT TELEPHONE NUMBER

301-295-3319
301-295-3319

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This construction project was necessary to address stream scour occurring at the foundation of an existing bridge. Construction surveying was performed, utility coordination and locating, construct temporary bridge and road for MOT purposes.

The project objective was to repair the existing bridge over Stoney Creek Tributary to Rock Creek and to take action to prevent erosion/scour which could occur to the point of bridge collapse. Stream restoration was performed to re-establish scoured stream areas. Construction installed protection and performed restoration of existing streambed as well as adding measures to prevent future scouring of stream, and to provide overbank protection. The project limits affected approximately 700 LF of stream.



AB Consultants, Inc. provided professional services in the following capacities:

Surveying – AB performed survey services for the installation of the temporary bridge foundations, utility installations and relocation of utilities, stakeout for the installation of new curb and gutter, as well as new and temporary roads that were constructed for both the new bridge and the temporary bridge.

SUE – AB performed non-destruction excavations for test pits o all of the existing utilities to confirm that said utilities would not be in interference with the design for construction.

Geotechnical – AB performed all geotechnical testing services which included soil sampling and testing, compaction testing, concrete field tests and cylinder breaks, engineering services for plan alterations due to existing utilities being in conflict with the foundations on the construction plans, and asphalt testing. All laboratory testing was performed in AB Consultants' AASHTO / ASTM Certified Laboratory, located in Lanham, Maryland.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AB Consultants, Inc.	Lanham, Maryland	Surveying, Geotechnical and SUE
b.	NMP Engineering	Hunt Valley, Maryland	Permitting
b.	AB Construction, Inc.	La Plata, Maryland	Bridge & Roadway Construction, Stream Restoration



AB CONSULTANTS, INC. - REPRESENTATIVE PROJECTS

MDOT SBE/DBE/MBE 94-165

AB Consultants, Inc. (Headquarters) 9450 Annapolis Road Lanham, Maryland 20706 Phone: 301-306-3091 Fax: 301-306-3092	AB Consultants, Inc. (Baltimore) 7020 Tudsbury Road Windsor Mill, Maryland 21244 Phone: 443-729-2650 Fax: 443-729-2711
Contacts: Mr. Amrish Patel, PE, President Mr. Kirk McClelland, PE, Senior VP Mr. Michael Morse, FE/EIT, Marketing	amrish.patel@abconsultantsinc.com kirk.mcclelland@abconsultantsinc.com michael.morse@abconsultantsinc.com

The below is a representative list of projects, which include, but may not be necessarily limited to, surveying services performed by AB Consultants, Inc.:

Project Name: Brandywine Road Temple Bartlett Water Main Replacement (BRCR5708A14)
 Project Owner: Mr. Thakorlal Mistry; WSSC
 Services Performed: Surveying / Engineering Subsurface/Geotechnical Investigation, MOT, Subsurface Utility Exploration
 Scope of Work: AB provided surveying and complete site engineering services, including roads, SWM Concept, Preliminary SWM, Final SWM, SD, ESC, W&S, natural resources permitting, landscaping, entrance, and overall permitting. The project consisted of designing and preparing contract documents for bidding and construction of approximately 2.50 miles of small diameter 4", 8", 10", and 12" water main and 6" sewer main replacement/relocation and water house service reconnections/replacements. The project was located in Prince George's County, Maryland. AB performed soil and groundwater testing as required by the "Corrosion Survey Checklist", and results were documented in a Geotechnical and Pavement Investigation Report.

Project Name: Bridge 180 Repairs at Naval Medical Center
 Project Owner: NAVFAC, Pub Works Dept- N. Potomac/FEAD
 Services Performed: Environmental, Surveying, Construction Management
 Scope of Work: This construction project was necessary to address stream scour occurring at the foundation of an existing bridge. AB Consultants performed construction stakeout, utility coordination and locating, and acquired permits through MDE (sediment control, wetlands, waterways, NPDES).

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: Darby Store
 Project Owner: MNCPPC, Montgomery County
 Services Performed: Engineering / Surveying / Geotechnical Investigations Design/ Construction Management
 Scope of Work: AB provided site civil engineering services the relocation and rehabilitation of Darby Store, a project established by The Cultural Resources Stewardship Section of Montgomery County Department of Parks. AB performed/prepared: surveying; geotechnical services to evaluate site for stormwater management facilities, and make design and construction recommendations; stormwater management concept and obtained approval; sediment and erosion control design, and acquired approval; site and



grading plan, design of parking lot and on-site utilities, and acquired approvals; final SWM design and surface drainage plan and acquired approvals; landscaping; and obtained SHA access permit.

Project Name: DOE Germantown Solar Array Project

Project Owner: Department of Energy

Services Performed: Surveying / Engineering Sewer Design, Surveying, Geotechnical

Scope of Work: AB provided geotechnical, surveying and engineering services for the PV Solar Panel Installation at Department of Energy Campus. Not only was it necessary to provide geotechnical services for the support of these solar arrays, but also AB had to address stormwater management as part of their site civil design work.

Project Name: Gaithersburg 6 Large Meter Vault Replacement (MV5671A-F14)

Project Owner: WSSC

Services Performed: Surveying, Utility Investigations, Geotechnical Investigations, Civil

Scope of Work: The project consisted of designing and preparing contract documents for bidding and construction of approximately six (6) outside Meter Vaults. The project was located in Montgomery County, Maryland.

Project Name: Large Meter Replacement for Prince George's County Schools (MV5156A11)

Project Owner: WSSC

Services Performed: Management, Condition Assessment, Utility Designation, Utility Test Holes, Water line Design, Topographic Survey, Geotechnical Investigation, Data Research, Permit Acquisition, Community Outreach, Corrosion Control, Assistance in Bid Process

Scope of Work: The project consisted of designing and preparing contract documents (plans and specifications) for bidding and construction of six (6) outside Meter Vaults for various public schools in Prince George's County, Maryland.

Project Name: Lewisdale Water Main Replacement (BR5689A14)

Project Owner: WSSC

Services Performed: Topographic Surveying, Site Visits, and Utility Investigation

Scope of Work: The project consisted of designing and preparing contract plans and specification) for bidding and construction of approximately 2.40 miles of 8 inch water main replacement/relocation and water/sewer house service reconnections/replacements and/or outside Meter Vaults. The project is located in Lewisdale area in Prince George's County, Maryland.



Project Name: BCS 2005-22B Task #10: MD-32 from I-95 to I-97
Project Owner: Maryland State Highway Administration, C/O Aero-Metric, Inc.
Services Performed: Field Surveying
Scope of Work: Provided field survey services for the MD32 from I-95 to I-97. Established H&V control such that the field work was tied to the NAD83/91 horizontal datum and the NAVD88 vertical datum. Established horizontal control on the panels using RTK GPS and conventional surveys where the GPS signal couldn't be acquired. Set approximately 50 (fifty) 100 scale mapping panels or photo points throughout the project limits to facilitate aerial mapping.

Project Name: BCS 2005-22B Task #11: I-795 Interchange at Dolefield Boulevard
Project Owner: Maryland State Highway Administration, c/o Aero-Metric, Inc
Services Performed: Topographic Survey / Horizontal & Vertical Controls
Scope of Work: Performed surveying services for the I-795 interchange at Dolfield Blvd., located in Baltimore County, Maryland.

Project Name: BCS 2005-22B Task #2: MD-2/4 Fox Run Boulevard to Commerce Lane
Project Owner: Maryland State Highway Administration
Services Performed: Surveying
Scope of Work: Provided field surveying services including horizontal and vertical surveying, and supplemental surveying for MD 2/4-Fox Run Boulevard to South of Commerce Lane, located in Calvert County, Maryland.

Project Name: BCS 2005-22B Task #9: I-695 IL Bridges
Project Owner: Maryland State Highway Administration, c/o Aero-Metric, Inc.
Services Performed: Surveying
Scope of Work: Provided field survey services for the I-695 IL Bridge 0311405 over Leeds Avenue, located in Baltimore County, Maryland.

Project Name: Arizona Avenue
Project Owner: Baltimore County, c/o BRUDIS & ASSOCIATES, INC.
Services Performed: Plats / Property Survey
Scope of Work: Performed a topographic survey and a property survey for Rossville Boulevard, located in Baltimore County, Maryland

Project Name: Appleton Road over CSX Control Recovery
Project Owner: Cecil County
Services Performed: Surveying
Scope of Work: Provided Surveying Services for the Appleton Road Bridge, located in Cecil County, Maryland.

Project Name: American Rivers- River Restoration Services
Project Owner: American Rivers
Services Performed: Surveying
Scope of Work: AB provided surveying services for the Patapsco River Channel, located in Patapsco River, Maryland.

Project Name: Additional Services-Crossley Farm Plats; Berks County, PA
Project Owner: USACE
Services Performed: Plats
Scope of Work: Revised plats to reflect the requested changes and sign and seal final plats and legal descriptions for Crossley Farm, located in Berks County, Pennsylvania.



Project Name: Bryn Mawr Road Culvert; BC 1074

Project Owner: City of Baltimore DOT

Services Performed: Topographic Survey

Scope of Work: Performed a topographic survey approximately 75 feet along the Bryn Mawr Road Culvert, located in Baltimore City, Maryland.

Project Name: BWI Elevation Check, MAA-CO 09-012; Task # 52, Job # 71152A

Project Owner: PB Americas, Inc

Services Performed: Topographic Survey

Scope of Work: Performed a topographic survey for an elevation check at BWI Airport in Maryland.

Project Name: BWI Rail New 4th Track

Project Owner: MTA

Services Performed: Survey

Scope of Work: The project included nine (9) miles of track improvement at BWI Airport MARC / Amtrak Rail Station in Baltimore, Maryland. AB was responsible for the Right-of-Way Establishment of this project including the research of the Land Records of Baltimore and Anne Arundel Counties to acquire the deeds and plats for approximately 150 properties and subdivision plats abutting the Amtrak Right-of-Way.

Project Name: City Impound Lot Survey; Baltimore City # 1074

Project Owner: City of Baltimore

Services Performed: Topographic Survey

Scope of Work: Perform a topographic survey at Baltimore City's Impound Lot.

Project Name: City of Balt. # 1142 Traffic Signals-ITS-Traffic Engineering

Project Owner: City of Baltimore, c/o Rummel, Klepper & Kahl, LLP

Services Performed: Traffic Engineering

Scope of Work: The scope of services included field surveys and design for traffic signals, detectors, closed circuit television traffic monitoring, variable message signs, and field condition inspection.

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: Old Naval Hospital Hill Center

Project Owner: Old Naval Hospital

Services Performed: Topographic Surveys / Utility Designation / Site & Utility Engineering Roadway Design, Civil 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. The projects consisted of the design of a closed section urban double lane roundabout at the intersection of Middletown Road and Billingsley Road. The existing roadway conditions consisted of a 3-way stop with left turn and right turn movements. AB engineered and permitted improvements for an urban double lane roundabout to meet FHWA, State, and County standards.

Project Name: BCS 2005-22B Task #11: I-795 Interchange at Dolefield Boulevard

Project Owner: Maryland State Highway Administration, c/o Aero-Metric, Inc

Services Performed: Topographic Survey / Horizontal & Vertical Controls

Scope of Work: Performed surveying services for the I-795 interchange at Dolefield Blvd., located in Baltimore County, Maryland.

Project Name: BGE Easement Plat

Project Owner: City of Baltimore

Services Performed: Surveying

Scope of Work: Provided surveying services for Jones Falls Trail BGE Easement Plat, located within the City of Baltimore in Maryland.

Project Name: Billy Lilly As-Built

Project Owner: Howard County

Services Performed: As-Built Survey

Scope of Work: AB recovered the existing horizontal control (NAD83/91) and vertical control (NAVD88), and performed an As-Built survey. The survey included downstream outfall grading, outfall and top of embankment, as well as all riser features, dimensions and inverts.

Project Name: Water & Sewer Relocation BOA PM0003A11Stream Stabilization

Project Owner: WSSC

Services Performed: Utility Designation and Subsurface Investigation Services Project Management, Survey, Stream Assessment, Stabilization & Engineering, Landscape.

Scope of Work: AB performed field and office services related to existing conditions evaluations to support design and engineering services for the replacement/relocation of water and sewer mains and meter vaults. This WSSC Basic Ordering Agreement was in support of the Commission's Water Main Reconstruction Program.

Project Name: Woodmore Towne Center

Project Owner: Petrie/ELG Inglewood, LLC & WTC Ventures, LLC

Services Performed: Surveying, Landscaping, Geotechnical Investigations, Civil Engineering Design

Scope of Work: AB performed surveying, landscape design, geotechnical investigations and engineering, and design for site, roads, SWM, storm drainage, water, and sewer, WSSC permitting, County permitting, MDE permitting (wetlands & NPDES). The residential and commercial project was on 245 acres.