BPC GROUP INC.

...WHERE QUALITY AND COMMITMENT ARE PRIORITIES

MISSION STATEMENT

To help our clients creatively, professionally, and responsibly address the technical and management challenges before them in a cost-effective and timely manner.

In support of our mission statement, we are committed to:
Conduct our business according to our client’s need; Attract and retain independent thinking professionals that it takes to discover solutions that will yield significant savings in time, turmoil, and dollars; and Provide cost-effective and quality services for each assignment … no matter how large or small.

SERVICES AND EXPERIENCE

At BPC Group, quality and commitment are priorities. At every step of the way, we emphasize on client satisfaction. We look out for the best interests of our clients to ensure that jobs are completed in a timely fashion while providing the most cost-effective solutions. We are committed to seeing a job through to completion.

BPC Group and its professionals have historically worked for private and public sector clients on projects located throughout the nation, where engineering design, evaluation, and management play a large part of the scope of services. The combination of technical knowledge, experience, and state-of-the-art resource capabilities enable us to provide comprehensive engineering expertise in all specialty areas of civil engineering.

Our clients attest to the quality and responsiveness of our services by repeatedly entrusting us with some of their most challenging environmental projects. In every project, we:

Deploy highly skilled professionals. BPC Group employs highly competent professionals, including engineers, geologists, hydrologists, ecologists, and computer scientist, among others.
**SERVICE AREAS**

- Civil Engineering
- Construction Engineering and Inspection
- Environmental Engineering and Science
- Geotechnical Engineering
- GIS, Modeling, and Information Technology
- Planning and Transportation
- Water Resources and Water Supply

**BPC CLIENTELE**

Following is a partial list of clients that BPC Group has provided services in the past.

**State and Local Government Agency:**

- South Florida Water Management District
- St Johns River Water Management District
- County Governments - Orange, Lake, Seminole, Palm Beach
- City Governments - Orlando, Longwood, Oviedo, Eustis

**Utilities and Private Industry:**

- Orlando Utilities Commission
- Southern Power Company
- Florida Power & Light
- Nestle USA (food processing)
- Axon Circuit (electronic)
- Dawson Consumer Products (textile)

**Other A/E Firms:**

- Berryman & Henigar
- Brown and Caldwell
- Camp Dresser & McKee
- CSA Group
- Dyer, Riddle, Mills & Precourt
- Parson Brinkerhoff
- TBE Group
- TEK Science & Engineering
- Universal Engineering & Science

**Communicate effectively with our clients.** At the outset of each project, BPC Group asks incisive questions of our clients, to ensure that we understand all project objectives. We continue to communicate closely with our clients throughout each project. We actively seek input from our clients, and we ensure that they always have up-to-date information on the technical and financial status of each project. When issues arise—such as initial analysis of field samples yielding results that are well out of the anticipated range—we immediately inform our clients, and we work closely with them to develop appropriate mid-course adjustments to project plans.

BPC Group prides itself on the substantive and editorial quality of our written products and in presenting formal and informal briefings that succinctly and clearly transmit complex information.

**Equip our professionals with advanced information technology tools.** BPC Group maintains the latest in computer facilities for engineering design, data analysis, and graphics design and display. BPC Group’s computer code library contains more than 50 software programs. They cover a broad range of specialty fields, including most commonly used hydraulics, hydrologic, water quality, environmental, geotechnical, hydrogeologic, statistical, geostatistical, and management models. BPC Group also maintains the latest versions of other software package, such as word processing, spreadsheets, drafting and graphics, CADD, GIS, communications, databases, scientific language compilers, and other editing and information management systems.

**Apply rigorous Quality Assurance and Quality Control (QA/QC).** BPC Group follows a proven QA/QC program with appropriate procedures in place to control investigative, engineering, design, and construction activities. BPC Group’s task leaders have experience with all applicable standards of governmental and regulatory agencies including state and federal organizations.

**Stay on time and within budget.** BPC Group places a priority on completing projects on schedule and within the established budget, and looks for ways to reduce costs throughout the life of a project. As a measure of success, BPC Group has never asked for a cost overrun in the history of the company.

**Meet all administrative obligations.** Under government contracts, it is essential to meet all administrative and contractual obligations. We prepare high quality, clear progress reports and invoices on a timely basis. We meet all special reporting requirements, such as breaking out some costs by sub-project or sub-task. Our government clients know that they can trust us to get the project done right, on time, and within budget while simultaneously adhering to the special requirements inherent in government contracts.
TRANSPORTATION ENGINEERING SERVICES

BPC Group’s staff and consultants have extensive experience in managing and supporting a wide variety of planning, engineering, environmental, permitting, public outreach, and agency interactions and coordination for transportation projects in Florida. These projects were completed for Public Works Departments of local governments and Florida Department of Transportation (FDOT). The professionals at BPC are familiar with the FDOT and FHWA standards and guidelines. Based on our current experience and expertise in projects relevant to transportation engineering services, a brief summary of our capabilities is given below.

Transportation Planning and Project Development and Environmental (PD&E) Studies
We are sincerely committed to community impact assessment and public outreach program that leads to technically sound, environmentally friendly, socially acceptable, and financially feasible project recommendations.
- Development of Regional Impact (DRI)
- Corridor Analyses and Feasibility Studies
- Public Involvement and Outreach
- Typical Section and Alternative Alignment Analyses
- Stormwater Management and Permitting
- Environmental Impact Assessment and Statement
- Endangered Species and/or Wetlands Analysis
- Long Range Plans and Travel Demand Forecasting
- Social, Cultural, Economic and Natural Impact Assessment

Highway Design
We provide technical support to a wide range of roadway design services that extends from interstate improvements, major arterial reconstruction, widening projects, milling and resurfacing projects, to auxiliary lane additions and sidewalk installation.
- Rural and Urban Highway Design
- Roadway Widening and Resurfacing
- Intersection Improvements
- Local Street, Trail, and Bike Path Design
- Maintenance of Traffic
- Constructability Review
- Drainage and Pavement Design

Geotechnical Engineering and Foundations
We are experienced in providing unparallel comprehensive geotechnical and geoenvironmental engineering services in Florida. We specialize in soils and geological exploration, geophysical survey, geotechnical engineering and foundation design, site assessments and feasibility studies, field inspection and testing services including demucking inspections, and foundation installation

EXAMPLE PROJECTS
Planning and PD&E for Highways
- Development of FDOT Statewide Public Involvement Training Program and Tool Kit
- Update of 2020 Florida Transportation Plan
- Development of Service Options for Nassau County Transit Study
- Planning ROW Appraisal Process for the Lakeland In-Town Bypass
- Transit Improvement Planning and Engineering for Transportation System Corridors for the following projects:
- PD&E Studies and Capacity Improvement Strategies for the following projects:
  - Apopka Bypass, SR 776, US 41 (Manatee County), Lakeland Highlands Road, and SR 434

Geotechnical & Roadway Design
- Geotechnical and Typical Roadway Design Report, 11-mile long Clay to Pave Project, Lake County
- Widening of Plymouth Sorrento Road and Stormwater Management Plan, Orange County
- Design of Double-Box Culverts under Roadway Crossings, Clermont and Paisley Areas, Lake County
- Geotechnical Design for 3 Bridges, Realignment of Little Wekiva River in Riverside Acres, Orange County
- Clay to Pave Project for several
Capability Statement:
Transportation Services

Roadway Segments, Longwood
♦ Park Manor Canal Outfall Retrofit, Orange County
♦ Charles E. Limpus Road Drainage Improvement, Orange County
♦ Construction of three Box Culverts under Railroad Tracks, OUC
♦ Bridge Construction across Econlockhatchee River, OUC
♦ Geotechnical and Dewatering Plan for Bennett Road Pump Station and Force Main, City of Orlando
♦ Geotechnical Report, Sanitary Sewer and Pump Station System, Oviedo

CEI / Construction Management
♦ Roadway/Bridge Inspection Services for: SR 408 Improvement-Conway Rd to Oxalis Ave; Turnpike/SR 408 Interchange Modifications; SR 408 Improvement-Tampa Ave to I4
♦ Roadway Inspection for SR 408 from Tampa Ave to Hiawassee and Mainline Toll Plaza
♦ Northeast Regional Park, Orange County
♦ Lamb Island Dairy Site Remediation, SFWMD
♦ Lake Holden Terrace Stormwater Management System Improvement, Orange County
♦ Construction supervision for utility transmission line in downtown Orlando, OUC

CONTACTS FOR FURTHER INFORMATION
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and monitoring. We have experience in both DOT and non-DOT projects including roadways, bridges, soil treatment and stabilization, dikes and reservoirs, sinkholes, landfills, and stormwater ponds. We are familiar with application of FDOT Standard Specifications for Road and Bridge Construction and FHA guidelines and checklist.
♦ Subsurface Exploration and Geophysical Survey
♦ Geotechnical Investigation and Design Analysis, including bearing capacity and settlement, seepage, slope stability, soft ground, sinkhole and mitigation, dewatering, closure plans
♦ Construction Management & Inspection, including construction specifications, QA/QC plan, cost estimate, bid specifications
♦ Foundation Analysis and Design, including shallow foundations, piles, and redundant drilled shafts
♦ Roadway and Pavement Design
♦ Construction Materials Testing

Construction Engineering & Inspection (CEI) and Contract Administration and Management
Our management professionals are well trained and experienced on administering construction contracts to maintain conformity with the plans, specifications, and contract provisions within allotted schedule. This also includes preparation and submittal of project closeout and documentation. The CEI personnel routinely monitor contractor’s on-site construction operations, test materials, and review specifications and other contract documents. Our inspectors are experienced, trained, and certified by the FDOT.
♦ Project Management
♦ Schedule Development and Control
♦ Cost Estimation and Control
♦ Biddability and Constructability
♦ Construction Inspection
♦ Contract Administration
♦ Utility, Publics, and Agency Coordination

BPC Group is a FDOT certified DBE firm and a disadvantaged 8(a) business concern, and maintains an accounting system that is consistent with the FDOT requirements. Our overhead audit is prepared by an independent Certified Public Accountant that meets all requirements of the FDOT. Currently, we are in the process of certification and/or recertification of our pre-qualifications in the following FDOT categories.

Group 2: Project Development and Environmental (PD&E) Studies
Group 3: Highway Design – Roadway
Group 9: Soil Exploration, Material Testing, and Foundations
Group 10: CEI (Construction Engineering and Inspection)
Group 13: Planning