

**Brandon M. Robinson**  
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HOWARD COUNTY  
EXECUTIVE

1/10/2016

David Lee  
Howard County Government, Office of the County Executive  
3430 Court House Drive  
Ellicott City, MD

Dear Mr. Lee,

Over 20 years ago, my family made the decision to move to Howard County. As a child, I had the opportunity to grow through the excellent school system, as well as witness the changes taking place in the various neighborhoods and town centers in the county. Several years after graduating from college, I made the decision to return to the place that played an integral part in the person I am today. Since my return, I notice even more changes taking place in the County, such as the re-development of downtown Columbia. After Howard County has provided me an enriching environment to grow, it is time I volunteer my services to the County to foster more growth in the County and provide the residents the same opportunities I was provided.

With my background in the field of engineering, I feel my expertise would be best suited for the *Design Advisory Panel*. As a Professional Geotechnical Engineer, I manage projects ranging in size from \$50k to \$2 million, prepare and forecast budgets for projects, and handle client relations.

Highlights from my experience and credentials include:

- Negotiate contracts and engage in day to day interactions with owners/developers, construction managers, and engineers.
- Manage small to large scale construction projects.
- B.S. and M.S. degree in Civil/Geotechnical Engineering, Licensed Professional Engineer

Attached, you will find my resume which includes additional details regarding my professional background and qualifications. I am available to meet with you and the members of the Design Advisory Panel to discuss the panel's needs and the expertise I can provide to assist the panel.

Thank you for the opportunity to provide my services to the County, and if you have any questions please feel free to contact me at your convenience.

Best Regards,

Brandon Robinson

Enclosure: Resume – Brandon Robinson

**Brandon M Robinson, MSCE, P.E.**  
**Project Engineer**

**Contact Information** Cell Phone: 301-957-8035  
Email: [robinsonb10@gmail.com](mailto:robinsonb10@gmail.com)

**Summary** Five years of experience in project management and geotechnical engineering.

**Professional Experience**

**2013 to Present** **Project Engineer**  
**Hayward Baker Inc.**  
**Odenton, Maryland**

- Prepare estimates for potential projects ranging in price from \$50k to \$5 million.
- Perform preliminary and final design for Geotechnical Engineering projects.
- Planning, scheduling, and material procurement for upcoming projects.
- Prepare submittals, negotiate contracts, and engage in day to day interactions with owners, construction managers, and engineers.
- Supervise and manage on-going construction work which includes: QA/QC, management of labor and equipment, and material procurement.
- Manage financial aspects of projects which include: manage and forecast project budgets, prepare invoices, approve vendor invoices, and collections.

**Major projects include:**

- MedImmune, Frederick, MD: A \$1 million project for the installation of 300+ micropiles for a building expansion. Owner requested project completion in 3 weeks, requiring management of 4 separate crews working 6 days per week.
- Canton Viaduct, Baltimore, MD: Installation of micropiles for a test program along I-895 in Baltimore, MD. Project was an emergency requiring quick mobilization of field crew and equipment, as well as coordination with local businesses to facilitate movement between various project sites.
- US-460 Dip Repair, Princeton, West Virginia: A \$500k grouting project to fill empty mine shafts and sinkholes 100-ft below a highway. Met with engineers and directors of the WVDOT to discuss the process of void grouting and project budgets prior to the start of construction.

**2010 to 2013** **Field Engineer**  
**Hayward Baker, Inc.**  
**Odenton, Maryland**

- Perform load tests, compressive strength, coring, and permeability tests for Geotechnical Engineering projects.
- Complete project take-offs and estimates for ground improvement, earth retention, and deep foundation projects.
- Supervise on-going construction work which includes: QA/QC, management of labor and equipment, and material procurement.

- Maintain daily logs of production work completed, weekly recaps, and material inventories.
- Operate GPS receivers and total stations for site control and layout.

**Major projects include:**

- Valero Frozen Earth Storage, Delaware City, Delaware: A \$2 million project injecting approximately 40,000 CY of grout in a 130-ft deep 165-ft diameter cavern for the decommissioning of a frozen propane storage facility. Assisted in managing a large crew working 6 days per week and managing client relations. Work was in an active refinery in the vicinity of refinery utilities.
- Gateway Center at Kinder Morgan Terminal, Carteret, NJ: A \$3 million project installing large diameter wet soil mix columns for ground stabilization for the construction of 7 new holding tanks. Assisted in managing client relations and reporting of daily activities.
- Blue Plains Nitrification, Washington, DC: Installation of jet grout columns and soil nails for the construction of two deep shafts for rerouting of effluent channels as part of the construction of the Enhanced Nitrification Removal Facility. Assisted in managing two crews and subcontractors working 6 to 7 days per week, working adjacent to and beneath active utilities feeding Southeast Washington, DC.
- Blue Plains Pre-Dewatering Building, Washington, DC: Installation and testing of tiebacks to provide excavation support for the construction of the new Pre-Dewatering Building. Assisted in managing two crews working a 24-hour shift. Managed client relations and reporting daily activities.

**2008 to 2010**

**Intern/Field Engineer  
Hayward Baker Inc.  
Odenton, Maryland**

- Supervise on-going construction work which includes: QA/QC, management of labor and equipment, and material procurement.
- Maintain daily logs of production work completed, weekly recaps, and material inventories.
- Operated GPS receivers and total stations for site layout.

**Major projects include:**

- Virtua Hospital, Voorhees, NJ: \$3 million project for the design and installation of 3,000 + vibro-pier stone columns to support a new 680,000SF hospital. Assisted in managing 4 crews working simultaneously.
- Bear Garden Generating Station, New Canton, Virginia: Installation of micropiles to support a mat foundation for a new steam turbine generator. Performed 1,000 kip load test and maintained daily installation logs, reports, and safety documents.

**Education**

B.S. in Civil Engineering, University of Delaware, 2010 GPA: 3.78  
M.S. in Geotechnical Engineering, University of Maryland College Park, 2013 GPA: 3.84

**Program**

**Experience**

Microsoft Office 2013  
AutoCAD 2013  
MathCAD

**Society**

**Membership**

American Society of Civil Engineers (ASCE)

**Certification**

Maryland Professional Engineer, 2015