

## DOUGLAS N. MORGAN, P.E.

6326 Stage Coach Road NW, Rushville, OH 43150 (740)-605-0308

dnmorgan@att.net

### Profile

Experienced Computer Aided Drafting Design (CADD) Professional Engineer with solid knowledge of the practical application of Engineering Science and Technology related to Transportation. Proven ability to manage multiple projects and meet critical deadlines. Experienced manager, currently leading several departments (Design, Survey, Real Estate & Geotech).

### Skills

- Department Management
- Project Management
- Roadway Design
- Bridge Design
- Hydraulic Design
- Signal Design
- Computer Aided Drafting Design (CADD)
- Project Estimation
- Consultant Management
- Railroad Coordinator
- PowerPoint Presentation
- Public Speaking

### Experience

#### Ohio Department of Transportation

District 5, 9600 Jacksontown Road, Jacksontown, Ohio - July 2005 to Current

District 10, 338 Muskingum Drive, Marietta, Ohio – January 1997 to July 2005

*Transportation Engineer, Project Manager & District Design Engineer*

- ❖ Manage, design, and review the design/plan preparation for major four-lane, two-lane, new construction, signalization of intersections, small bridge, and roadway relocation by incorporating geometric, hydraulic & structural design techniques using CADD or drafting tools to draw plans, instruct and train employees in CADD techniques.
- ❖ Design and/or Review Plans including alignment & grade, multi-lane reconstruction, multi-phase traffic signal design, lane additions, widenings, interchange design, small bridge design/rehabilitation, hydraulic design & earthwork design.
- ❖ Utilizes management information systems as they relate to the delivery of transportation projects (i.e. Ellis – Project Management Software, Estimator – Project Estimating Software, ProjectWise – Software for Managing, Sharing and Distributing Engineering Project Content).
- ❖ District Railroad Coordinator responsible for coordinating with local railroad companies for projects that include work on highways and/or bridges that are withing railroad Right-of-way.
- ❖ District Design Engineer responsible for overseeing all projects designed by our in-house staff along with oversight of the Real Estate, Survey, Geotechnical and Consultant Services sections. Responsible for the review and approval of all Americans with Disabilities Act (ADA) ramp waiver submittals. Responsible for the review and approval of all design exceptions submitted for the Local Program Administration projects.

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### **The Shurtleff & Andrews Corporation, 1875 West 500 South, Salt Lake City, Utah**

May 1993 to August 1996

*Field Engineer, Field Surveyor, Estimator, Quality Control, Safety Supervisor and Welding Inspection*

- ❖ Worked as Field Engineer and Surveyor at Gavin Power Plant Scrubber Addition (OH), Curtis H. Stanton Power Plant Unit II (FL), Kennecott Smelter Modernization (UTAH), and Rockwell's FAB 8 & 9 Buildings (CO). Worked as Field Engineer/Surveyor, Safety Supervisor, Estimator and Welding Inspector at FMC's ELD and ELDM Soda Ash Expansion Projects (WY).
- ❖ Responsible for all surveying (i.e. transferring control, setting elevations for structural steel and equipment and setting steel structures to plumb).
- ❖ In charge of receiving, organizing, distributing, and interpreting all the drawings for design and construction.
- ❖ Capable of administering safety orientation and weekly safety meetings (i.e. learning all safety regulation for each job and teaching them to others).
- ❖ Participated in project scheduling using Primavera, verify materials received, creating pay estimates for extra work, providing design/solutions for construction issues, and providing design for rigging equipment and materials for crane lifting.

### **Accomplishments**

- ❖ Department Management
- ❖ Project Management/Coordination
- ❖ Microstation Software utilization for plan design/preparation of transportation projects

### **Ohio University – Athens, Ohio**

Bachelor of Science: Civil Engineering (March 1993)

3.26 cumulative GPA

Inducted into the Engineering National Honor Society

### **Affiliations**

Registered Professional Engineer in Ohio since 1999.

Member of Salem United Brethren In Christ (Personnel & Finance Chairperson)

### **References**

Available upon request