

Connor Hodge

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SUMMARY

Dedicated civil engineer committed to delivering impactful transportation and roadway design projects. Over five years of hands-on experience ensuring compliance with state guidelines while aiming for excellence. Consistent collaboration with architects, environmental professionals, and multidisciplinary teams has produced high-quality deliverables. Proficient in preparing detailed design documents that meet scope and budget expectations, thus driving project timelines. Eager to further professional skills and contribute strategically to innovative engineering practices within a dynamic team environment. Fully prepared to tackle challenges and enhance project value for state agencies and large municipalities.

EXPERIENCE

Transportation Civil Engineer

June 2022 - Present

Urban Design Solutions

Springfield, MA

Lead the design and execution of various roadway projects, providing support through every stage from conceptualization to final documentation. Collaborate actively with cross-functional teams to ensure multi-disciplinary deliverables are consistently met.

- Spearheaded construction document creation, enhancing safety measures and traffic flow.
- Worked alongside geotechnical engineers for robust project outcomes, facilitating timely completions.
- Developed specifications aligning with project requirements and state regulations.
- Assisted utility coordination efforts, successfully executing infrastructure designs.
- Conducted thorough drainage assessments integrating green solutions to fulfill environmental standards.
- Mentored junior engineers, fostering technical expertise and promoting collaborative teamwork.

Junior Civil Engineer

January 2020 - May 2022

Metro Transport Engineers

Worcester, MA

Supported roadway design projects with an emphasis on utilizing industry-standard software tools. Ensured all work aligned with MassDOT and client specifications while contributing insights into cost-effective design strategies.

- Produced comprehensive design plans using AutoCAD and Civil 3D to secure regulatory compliance.
- Engaged in development of budgets and bid packages, ultimately driving efficiency.
- Partnered with survey teams to adjust project outlines based on real-time data acquisition.
- Contributed to effective traffic analysis and calming strategy formulation, elevating road safety.
- Participated in stakeholders' outreach activities, effectively communicating project intentions.
- Pursued ongoing learning in advanced engineering concepts via workshops and seminars.

Intern Civil Engineer

June 2018 - December 2019

Civic Engineering Corp

Manchester, NH

Gained foundational experience assisting with urban roadway enhancement projects amid senior engineer supervision. Involved extensively in document preparation and sustainability initiatives.

- Aided in adaptation designs for urban roads, gaining real-world engineering viewpoint.
- Analyzed local traffic patterns for informed reporting on optimization proposals.
- Collaborated with project leads in drafting necessary design documentation, assuring quality alignment.
- Presented study findings during meetings, significantly bolstering communication capabilities.
- Utilized AutoCAD effectively for generating drafts that supported senior design objectives.
- Participated in civic engagement programs, promoting sustainable practices across communities.

LEADERSHIP & AWARDS

- Best Young Engineer Award, Urban Design Solutions, 2024
- Outstanding Community Impact Recognition, Metro Transport Engineers, 2021

EDUCATION

Bachelor's Degree in Civil Engineering

2018

Northeastern University GPA: 3.6

Boston, MA

Coursework: Structural Engineering, Environmental Systems, Transportation Engineering, Project Management

CERTIFICATIONS

- Engineer-in-Training (EIT) 📅 2019
- Project Management Certification 📅 2025

TECHNICAL SKILLS

- **Design Software:** AutoCAD, Civil 3D, MicroStation, InRoads, OpenRoads
- **Project Management Tools:** ProjectWise, Trello, Microsoft Project
- **Analytical Tools:** HydroCAD, HEC-RAS, Trafficware
- **Communication Tools:** Microsoft Teams, Slack, Zoom
- **Environmental Guidelines:** NEPA, MassDOT Standards, AASHTO Guidelines
- **Construction Documentation:** Cost Estimates, Bid Packages, Specifications
- **Geotechnical Analysis Tools:** GeoSlope, PLAXIS, gINT
- **Data Analysis Tools:** Excel, MATLAB, R
- **Presentation Tools:** PowerPoint, Google Slides, Prezi
- **Permitting & Compliance Framework:** Local Zoning Laws, Building Codes, Permit Applications

SKILLS

- Roadway Design
- Traffic Calming
- Civil 3D
- AutoCAD
- MicroStation
- Specifications Preparation
- Budgeting
- Collaboration
- Project Management
- Sustainability Practices
- Environmental Standards
- Utility Coordination
- Documentation
- Team Mentorship
- Stakeholder Engagement
- Site Assessment

PROFESSIONAL AFFILIATIONS

- Member, American Society of Civil Engineers
- Volunteer, Local Habitat for Humanity Chapter

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST