

# Donald Handeland

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Eagle River, Alaska 99577

## COMPUTER PROGRAM EXPERIENCE

- + AutoCAD Civil 3D (Corridor modeling, assemblies, surfaces, grading, feature lines, pipe networks, etc.)
- + Autodesk Subassembly Composer
- + ArcGIS
- + Fusion 360
- + HEC-HMS/ HEC-RAS
- + Microsoft Office (Access, Excel, PowerPoint, Project, Publisher, Visio, Word)
- + MATLAB
- + ProjectWise
- + Vault

## CERTIFICATIONS

- + State of Alaska, Registered Professional Civil Engineer (License #: 162888)
- + Alaska Certified Erosion and Sediment Control Lead (AK-CESCL)
- + CPR Certification
- + First Aid Certification

## STRENGTHS

- + AutoCAD Civil 3D
- + Geometric design
- + Construction/ Project management
- + Spent extended periods in rural Alaskan communities.
- + Organization skills

## EDUCATION

- UNIVERSITY OF ALASKA ANCHORAGE** 2015 - Present  
+ Master of Civil Engineering, focus in Arctic Engineering.
- UNIVERSITY OF ALASKA FAIRBANKS** 2016 - 2019  
+ Master of Business Administration
- OREGON STATE UNIVERSITY** 2011 - 2016  
+ Bachelor of Science, Civil Engineering  
+ Bachelor of Science, Finance

## WORK EXPERIENCE

### DOWL

- Transportation Design Engineer 2019 - Present
- + Experienced in roadway design, mainly for the State of Alaska Central Region and some for the Municipality of Anchorage.
  - + Responsible for applying design standards to road design projects, coordinating with other engineering disciplines, setting up and designing construction plans, calculating quantities and developing estimates, providing on-site engineering services, and implementing and inspecting Storm Water Pollution Prevention Plans (SWPPP).
  - + Primary AutoCAD Civil 3D designer for projects and resource for coworkers.
  - + Worked on projects such as Hermon Road Extension and Upgrade, Aleutian Homes Phase VII, Knik-Goose Bay Road Reconstruction, Seward Highway Windy Corner/ Rainbow Point, and Earthquake Area Repairs.

### BRISTOL ENGINEERING SERVICES COMPANY, LLC

- Civil Engineer /Engineering Intern 2015 - 2019
- + Worked on projects in a range of disciplines including construction management, road design, Tribal Transportation Program, site design, solid waste, water and wastewater, structural, and environmental.
  - + Responsible for preparing drawings using AutoCAD, creating as-built record drawings, completing permit applications, assisting with designs, writing specifications, creating takeoffs, developing construction plans and documents, providing on-site engineering services, tracking material quantities, providing quality assurance inspections, creating and updating project schedules/budgets, and implementing and inspecting Storm Water Pollution Prevention Plans (SWPPP).
  - + Worked on the following construction projects as Project Field Engineer: Napakiak Community Streets Project, Adak Water and Sewer Downsizing, Port of Nome – Middle Dock, and New Stuyahok Landfill Road.

### NOME JOINT UTILITIES SYSTEMS

- Engineering Intern/ Laborer/ Office Assistant 2011 - 2015
- + Four summers of utility and road construction experience in Alaska.
  - + Worked on grant submittals, project reports, billing generation, accounting, and general office tasks.