

**Job Title:** Structural Engineer  
**Job Type:** Full Time



## **About Us**

Headquartered in Palmer, Alaska, New Horizons is a trusted and tested telecommunications contractor offering turnkey infrastructure solutions. We deliver protected, cutting-edge networks in some of the world's most challenging and remote locations, providing in-house engineering and installation services for wireless, microwave, Satcom, fiber optic and alternative energy projects. From mountaintop tower construction to urban electrical and structured cabling installations and the networking components in between, we have been entrusted with the design, implementation and management of network infrastructure across the state and worldwide. At New Horizons we are proud to provide integral solutions from the feasibility stage through to implementation.

## **Why Join our team?**

New Horizons is the place for you if you want a dynamic and rewarding work environment with room for career advancement and growth. Apply now and become a part of our dedicated team driving innovation in the telecommunications industry. This role provides the opportunity to work on many diverse and unique projects, from telecom data centers in developed areas to remote shelters and communications towers only accessible by helicopter.

## **Job Summary**

New Horizons is seeking a highly motivated, qualified individual to join our team as a licensed and experienced Structural Engineer. The Structural Engineer will provide complete designs, develop construction documents and support structural projects. Projects typically include but are not limited to tower and shelter foundation design, equipment anchoring, platform and shelter design, site plan development, utility coordination, fiber route design and rigging plans. This position also requires day-to-day collaboration with a multi-disciplinary team of varying experience levels and the ability to mentor and train where appropriate.

## **Key Responsibilities**

- Develop complete structural designs and construction documents from project initiation to project completion.
- Conduct site visits and assessments as necessary.
- Develop various written documents as required by customers such as feasibility studies, structural analysis reports with supporting calculations and site visit assessment reports.
- Collaborate on designs and drawings with a multi-disciplinary team of engineers, subcontractors, project managers and construction managers.
- Maintain effective working relationships with diverse groups, including company employees at various levels, clients, vendors, government regulators and other outside companies and individuals.
- Make educated decisions on engineering ethics, costs, procedures and standards that adhere to all required regulations and codes.
- Effectively communicate with AutoCAD technicians to produce drawings.
- Mentor junior engineers.

## Qualifications

- Licensed by the State of Alaska as a Professional Structural Engineer (SE).
- 2+ years of design experience after SE licensure.
- Familiar with AutoCAD drafting procedures.
- Experienced with standard construction practices and national building code and design standards including but not limited to OSHA, IBC, ASCE 7, NDS, and ACI 318.
- Experience with TIA 222 is preferred.
- Foundation design experience in permafrost, rock and conventional soils using piles, rock anchors and concrete pads is preferred.
- Design experience using steel, aluminum, wood and concrete materials.
- Proficient with standard office software (MS Excel, MS Word, Teams and Outlook).
- Experience with Bluebeam, AutoCAD, Mathcad, Enercalc, Hilti or Simpson Anchor Design Software and RISA3D is preferred.
- Highly articulate and able to deliver verbal and written reports.
- Must possess a valid driver's license.
- Available and able to travel for site visits (up to 15% of the time).

## Benefits

- Our flex policy allows you to design a mutually beneficial hybrid schedule
- Excellent Medical, Dental, Vision, Legal, and Prescription Drug Plan
- Retirement (Pension and 401K)
- Competitive Compensation, Paid Vacation and Holidays
- Challenging and Rewarding Work Environment with Career Development Opportunities

## Salary

Base salary starting at \$135,000.00 per year (pay is dependent on experience)

## How to Apply

To apply please email your resume to [hr@nhtiusa.com](mailto:hr@nhtiusa.com) or go to our careers page at [www.nhtiusa.com/careers/](http://www.nhtiusa.com/careers/) and click "Apply Now."

We look forward to hearing from you!

*New Horizons is an equal-opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. Applications will be*

*reviewed as they are received, and the position will be filled as soon as we have a satisfactory candidate pool.*