

Job Title: Structural Engineer
Company: New Horizons Telecom, Inc.

About Us

Headquartered in Palmer, Alaska, New Horizons is a telecommunications infrastructure company providing turnkey solutions to clients across all major commercial sectors and industries.

Why Join Our Team?

New Horizons offers a dynamic and rewarding work environment with opportunities for career advancement and growth. Apply now to become a part of New Horizons' dedicated team, driving innovation in the telecommunications industry.

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.



Minimum Requirements

- 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

- Excellent medical, dental, vision and prescription drug plan.
- Retirement (Pension & 401K).
- Competitive compensation, paid vacation & 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

Please email a resume to humanresources@nhtiusa.com.

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.

