

Broadband Field Validation Specialist with Driver



INCUMBENT: TBD
REPORTS TO: Broadband Field Manager
LOCATION: Michigan
STATUS: Independent Contractor
DATE: May 2021

TO APPLY

Please email a résumé, a letter of reference from a minimum of one past employer or client (three reference letters are preferred), and a cover letter explaining why you believe you would be a good fit for this position to HR@connectednation.org. Compensation range is approximately \$30.00 - \$35.00 per hour, commensurate with experience and qualifications.

DESCRIPTION

The Broadband Field Validation Specialist conducts targeted field work and desktop research for Connected Nation's broadband mapping and technical services projects. The Broadband Field Validation Specialist will assist with outside plant audits of wireline infrastructure, mapping such wireline routes, which in turn contribute to the development of field validated maps of broadband infrastructure assets (with an emphasis on wide area broadband networks capable of delivering 100/100 Mbps connections). The Broadband Field Validation Specialist also conducts field validation, verification, and data collection for outside plant audits. It is preferred that the Broadband Field Validation Specialist can immediately sub-contract a Driver (meeting CN's approved criteria) that will support the Broadband Field Validation Specialist by operating an all-wheel drive, 4-wheel drive (or other comparable motor vehicle), under the guidance and direction of the Broadband Field Manager or the Broadband Field Validation Specialist. In the event that the Broadband Field Validation Specialist is unable to do so, a Driver will be assigned, by CN, to support the work of the Broadband Field Validation Specialist (see supplemental job description for the Driver). The Driver may be chosen and subcontracted by the Broadband Field Validation Specialist at a rate of \$15.00 per hour, that will be expensed and reimbursed to the Broadband Field Validation Specialist.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Research publicly available data sources and collect granular data and information regarding telecommunications providers. Data collected includes but is not limited to details on infrastructure locations as well as feedback on where broadband services start and stop to assist in developing more accurate broadband maps.
- Travel to various locations, within the state of Michigan, for field data collection, plotting various details on infrastructure locations as well as feedback on where broadband services start and stop to assist in developing more accurate broadband maps.
 - Confirm provider service boundaries, deployed assets, broadband speeds, and delivery platforms.
- Submit telecommunications data to the CN GIS department following standard formats and tracking.

- Travel to selected locations, within the state of Michigan, for field work, to assist with technology assessments, outside plant audits, mobile drive testing, grant close-out packages, and other field validation and verification work (e.g., grant protests), etc.
- Track telecommunications assets and infrastructure in mapping applications.
- Perform other duties as assigned.
- Responsibilities are not all inclusive, additional duties may be assigned.

EDUCATION/EXPERIENCE

- Bachelor's degree in a telecommunications or technical field preferred, but not required.
- At least one year experience in telecommunications data collection and technical field work.

QUALIFICATIONS

- Familiarity with Google Earth, and ArcGIS Field Maps app preferred, but not required.
- Must be proficient in Microsoft Outlook and Excel.
- Must be familiar with telecommunications equipment in the field for identification and tracking.
- Cultivates strong and collaborative working relationships with telecommunications providers, while having the ability to handle sensitive and confidential datasets.
- Strong organizational and communication skills.
- Must be able to work independently and under pressure in a fast-paced environment.
- An extremely organized, disciplined, self-directed, hands-on and process-oriented individual who is not afraid of digging into details when necessary.
- Ability to manage and prioritize multiple tasks.
- Strong work ethic and unquestioned personal and professional integrity.
- High level of commitment to team and company values.
- Attention to detail, establishing priorities and meeting deadlines.
- Must be able to meet travel requirements.
- 2+ years of experience operating a motor vehicle to include experience driving all-wheel or four-wheel drive vehicles. Must not have record of a suspended or revoked driver's license within the last 3 years.
- Proficient in the use of GPS-enabled route maps (e.g., Google Maps).
- Proficient with the use of digital photography devices such as cameras and smart phones.
- Valid state driver's license required.
- Must be at least 21 years of age.

ESSENTIAL PHYSICAL REQUIREMENTS

- Ability to sit and/or stand for long periods of time.
- Ability to lift and carry up to 60 lbs.
- Ability to operate computer and equipment in the office and community settings.
- Must have sufficient mobility to move around the office and the community.

This job description in no way states or implies that these are the only duties to be performed by the employee(s) incumbent in this position. Employee(s) will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments. A review of this position has excluded the marginal functions of the position that are incidental to the performance of fundamental job duties. All duties and responsibilities are essential job functions and requirements and are subject to possible modification to reasonably accommodate individuals with disabilities. To perform this job successfully, the incumbent(s) will possess the skills, aptitudes, and abilities to perform each duty proficiently. Some requirements may exclude individuals who pose a direct threat or significant risk to the health or safety of themselves or others. The requirements listed in this document are the minimum levels of knowledge, skills, or abilities. This document does not create an employment contract, implied or otherwise, other than an "at will" relationship.