

Transportation and Water Resources Internship

Rockingham Planning Commission (RPC) is seeking two summer interns to assist with transportation and water resource planning projects in communities within the RPC region in southeastern New Hampshire. The intern's primary roles will be assisting staff with fieldwork inventories and data analysis for RPC's traffic counting program and on occasion, the Regional Stream Crossing Assessment (RSCA) program. Other duties will include assisting with GIS projects and other planning projects as needed. To the extent possible, assigned projects will be related to an intern's areas of interest.

The RPC conducts traffic counts on roadways throughout the region on an annual basis. This data is used by local and state officials to prioritize transportation projects for future funding and provides overall support to transportation planning initiatives. Traffic counts are conducted using automated counters and rubber tubes, which collect data on volume, speed, and classification of vehicles.

RPC's RSCA project provides state agencies and municipalities within the region information to identify critical and hazardous crossings. The main objective of this project is to identify those stream crossings that may fail, particularly during storm events. Failures can cause infrastructure and property damage, cut off critical transportation routes, negatively affect waterways, and harm aquatic life. Knowing the condition of stream crossings can help guide municipalities and state agencies to prioritize those crossings most in need of retrofit or replacement. Results from this assessment will be incorporated into municipal and regional hazard mitigation plans, vulnerability assessments, and site-specific restoration and mitigation projects.

Desired experience and skills:

- Bachelor's Degree or coursework working towards a degree in geography, geology, hydrology, engineering, environmental planning, natural resources, water resources, or a related field.
- Practical work experience and/or dedicated coursework conducting field work for natural resource inventories or infrastructure surveys.
- Effective communication, writing, and analytical skills.
- Experience with ArcGIS software (ArcGIS Pro, ArcMap, ArcGIS Online, ArcGIS Collector) and Microsoft Office.
- A valid driver's license.

Compensation:

The compensation rate for this position is up to \$15.00 per hour for up to 24 hours per week. Ideal candidates would be available to start in June and work through at least the end of August. For questions or to apply, please submit a resume and three references by May 27, 2022, to:

Madeleine Dilonno, Regional Planner
Rockingham Planning Commission
156 Water Street
Exeter, NH 03833
603-778-0885
mdiionno@therpc.org

Note: E-mailed applications preferred. This position will remain open until filled or the recruitment is cancelled. RPC is an equal opportunity employer.