Selection of Priority NEVI Locations

The NEVI program guidance prioritizes the development of charging stations located within one mile from the Interstate Highway System and highway corridors and spaced no more than 50 miles apart. Federal guidance also prioritizes areas that have existing public infrastructure such as restrooms, appropriate lighting, and shelter.

As part of the development of Vermont's first state EV charging plan in 2022, VTrans enlisted the help of Drive Electric Vermont in analyzing and prioritizing geographic locations based on the factors above as well as availability of grid infrastructure, traffic volumes, and the location of disadvantaged populations, multifamily dwellings, and workplaces. Detailed analysis can be found on page 62-74 of the state plan.

Statewide EVSE Deployment

On Jan. 15, 2026, VTrans provided its 2026 EVSE report to the Legislature, which summarizes progress in deploying NEVI funds toward meeting state goals, as well as a snapshot of all current public fast charging statewide. Analysis indicates that Vermont's public fast charging network meets the needs of Vermont's current fleet of registered EVs. However, to support an increase in the number of EVs registered in the state and to meet the state's emissions reduction targets by 2030 and beyond, a significant gap in public fast charging remains and will require additional investment to help close the gap, whether private investment or a mix of public and private funding. Increased access to home charging would reduce the need and thus the gap for additional fast charging ports, so continued funding for home and workplace charging remains a key component in supporting the network.

Stream Crossing Design Tool

The objective of this work is to mitigate stream crossing vulnerability to flood damages in Vermont by improving basin drainage area delineations based on lidar and developing a stream crossing design tool that takes regulations and the best available hydrology into account. The Agency has contracted with USGS to create a tool that computes preliminary culvert designs based on published hydraulic equations, lidar and other available geographic information system (GIS) coverages by using the approach currently used by VTrans to provide towns with preliminary culvert designs. This project will give resource managers the tools to delineate watershed boundaries with greater accuracy and to provide municipalities an automated tool that they can use to determine preliminary culvert designs for any stream crossing site in Vermont. VTrans and USGS had a kickoff meeting in February 2026. The current focus is on updating the digital elevation model which will have direct impacts on the quality of hydraulic studies done by VTrans. The stream crossing design tool that will evaluate 20,000 culverts in the state is very much in its infancy and is scheduled to be complete around Feb of 2029.