

To: Maren A. Toohill, AICP
Town Planner
Town of Littleton

Date: May 23, 2025

Memorandum

Project #: 73355.00

From: Elena Vershinina, PE

Re: K137-L138 and 337 Project Overview

This memorandum, prepared by VHB, Inc. (VHB), provides an overview of the proposed work for the New England Power Company's (NEP) K137E-L138E ACR and 337 Rebuild Project (the Project).

Project Overview

The Project is located within the shared right-of-way (ROW) of the K137E, L138E, and 337 transmission lines. NEP proposes replacement of structures along the 337 line, along with targeted refurbishment, repair, and replacement of select structures on the K137 and L138 lines.

To support construction, NEP plans to improve existing access roads, construct temporary gravel access routes, and utilize timber mats where necessary. At each structure location, graded gravel work pads, averaging 125' x 125' will be installed and adjusted to remain within the ROW. In environmentally sensitive areas, timber matting will be used to minimize ground disturbance.

Erosion controls, including barriers and check dams, will be installed on sloped areas to promote infiltration and stormwater recharge through gravel and vegetated buffers. Following construction, all disturbed areas will be restored to their original vegetated condition.

In the Town of Littleton, the temporary improvements include a few work pads and access routes, with a total limit of disturbance of approximately 91,407 square feet. The proposed areas will be graded to provide construction vehicles and equipment with safe access and sufficient working space. Erosion controls will be installed around the perimeter of the pads and access routes to minimize environmental impact.

The Project also includes drainage improvements, such as regrading steep areas to reduce flow velocity, increase time of concentration, and eliminate concentrated point discharges. Though minor and temporary, these enhancements will provide long-term hydraulic benefits once revegetation is complete.

Access and pad construction activities are expected to last less than one year. However, due to system outages and re-energizing requirements, some pads may remain in place slightly beyond that timeframe.

Summary

› Temporary and Limited Construction

All work associated with the Project is temporary in nature. Upon completion, all disturbed areas will be fully restored to their pre-existing vegetated conditions. The Project does not involve large-scale disturbance on any single parcel, rather, impacts are distributed linearly along the ROW. These areas are primarily located in remote settings, including wooded areas and agricultural fields, such as cornfields.

› **Limited Stormwater Impact**

The Project does not propose any permanent stormwater best management practices (BMPs) and does not require long-term maintenance.

› **Erosion & Sediment Control**

Erosion and sedimentation will be managed using appropriate BMPs, which will be implemented and actively monitored throughout the duration of construction to protect nearby wetlands and sensitive areas.

› **Site Improvements**

Selective regrading will be conducted to improve local drainage conditions and reduce stormwater flow velocity.

› **Public Benefit**

The Project supports regional electric reliability and serves the broader public interest.

› **Comparable to Exempt Projects**

The Project's hydrologic impacts are less significant than those typically associated with an exempt four-lot residential subdivision.