



**Town of Alton Bay**  
Alton Bay, New Hampshire



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### Road Widening Project Shores Up Steep Slope; Mitigates Erosion Concerns

Widening of a road around the south end of popular Lake Winnepesaukee in Alton Bay, NH created a steep slope (1h:1v) adjacent to the roadway. Concern that potential erosion and wash out would occur during heavy rain events made stabilization of the 52 ft. slope necessary.

#### Project Objectives

Cost and aesthetics were major considerations for this project. Determining who would do the design work and installation were other issues for Ken Roberts, Town Road Agent for the City of Alton Bay, to consider as he evaluated options. After reviewing a block retaining wall and Presto's GEOWEB slope system, the decision to use the GEOWEB system was based on cost savings and design and installation support.

#### Design & Construction

Local distributor EJ Prescott worked with Presto's design team to create a detail and specification. EJ Prescott's local contact Mike Everhart supported the contractor with installation training. The Town's highway department completed the installation. The 10,000 sf slope project was installed in just a few days. The GEOWEB cells were filled with topsoil and hydroseeded to ensure full grass coverage. Within four weeks, the slope was fully vegetated with dense, stabilizing grass.

#### The Results

Before it was fully vegetated, the slope was exposed to multiple storm events with no damage or infill loss. According to Mike **"The GEOWEB system held the material in place beyond expectations. Ken and his crew at the Town of Alton Highway department did a fantastic job on this project."**