

Resolution to Adopt the Town of Proctor Road and Bridge Standards

On this _____ day of _____, 2009 the road and bridge standards contained in this document are hereby adopted by the Town of Proctor Selectboard.

Bruce Baccei, Chair

Eric Anderson

Susan Feenick

George Finch

Richard Norris

Article 1. General Information

The standards listed here are considered minimum and are presented for purposes of guiding construction and maintenance personnel. The Selectboard reserves the right to modify the standards for a particular project, where, because of unique physical circumstances or conditions, there is no possibility that the project can be completed in strict conformance with these provisions. Fiscal reasons are not a basis for modification of the standards.

Any new road, whether or not that road is proposed to be conveyed to the town, shall be constructed according to the minimums of these standards. If any federal and/or state funding is involved in a project the Vtrans district office will be notified prior to any field changes taking place that would alter the original scope of work.

Article 2. Access Permits

An Access Permit is required for all future private road and bridge construction or reconstruction done within the Town where the road joins a Town road. An Access Permit is required for any future driveway construction or reconstruction done within the Town where the driveway joins a Town road.

Article 3. Ditches

Soil exposed during ditch and slope construction or maintenance will be treated immediately following the operation as follows:

- Seed and mulch slopes less than 2.5%
- Placing biodegradable matting and seed on slopes between 2.5% and 5%
- Stone lining ditches with angular material on slopes greater than 5%, using filter fabric when necessary

Water shall be diverted out of ditches

- Every 300 feet on roads having a slope of 1-2%
- Every 150 feet on roads having a slope of 3-10%
- Every 100 feet on roads having a slope over 10%

Article 4. Culverts and Bridges

On any project, except as provided herein for driveways, the minimum roadway culvert diameter will be 18 inches. All culverts shall be installed according to standard construction practice or manufacturer's instructions. Culverts must be new, and may be either 16 gauge galvanized steel or Sherlock polyethylene silt tight to meet ASTM standards, must have guideposts at each edge of the traveled way and must have headers. Class 1, 2, or 3 public roads and all private roads with discernible slope shall have at least one 18 inch cross culvert every 500 feet. This minimum shall be increased to a cross culvert at least

- Every 400 feet on roads with slopes of 1-2%
- Every 300 feet on roads with slopes of 3-5%
- Every 200 feet on roads with slopes of 5-10%, and
- Every 100 feet on roads with slopes over 10%

Any structure with a span greater than 36 inches will be designed according to the latest VTrans Hydraulics Manual. The capacity determination shall also take into account specific conditions such as the importance of the road functioning during critical events, historic ice formation, high debris and/or sediment loads and downstream development at risk, which may necessitate larger or heavier structures. Placement of spans in perennial streams will be reviewed by the State Agency of Natural Resources.

The installation of any culvert or bridge must be inspected by the Road Commissioner.

All new bridges will be constructed with two lanes, each at least 10 feet in width.

Article 5. Roadways

All paved roads shall comply with the Vermont State A-76 Standards for design and transportation construction, reconstruction, and rehabilitation on freeways, roads, and streets.

All gravel roads shall have at least a 15 inch thick processed gravel subbase, with the top 3 inches being crushed gravel. Material will be graded so that water does not remain on road surface, and have adequate space for proper ditching.

Article 6. Driveways

Any construction of new driveways or redesign/reconstruction of existing driveways shall require a Highway Permit for construction within the road right-of-way. All driveways shall comply with the State of Vermont B-71 Standards for residential and commercial driveways.

Article 7. Driveways and Private Roads

New private roads, regardless of whether or not intended to be taken over by the Town, and the first twenty (20) feet of new driveways, shall be constructed and maintained to these Town Road and Bridge Standards, including ditches, culverts and bridges. These standards shall also apply to temporary roads that drain onto town highways.

The Selectboard has the authority in its sole discretion to accept or refuse to accept any road as a Town Road.

Article 8. Special Conditions

No construction activity, including planting of vegetation, shall occur within the road right-of-way without an approved Highway Permit. Permits are available at the Town Office. In addition to the special conditions and restriction in the permit application, the permit holder shall be liable and responsible for any damage, repair or maintenance of the road, bridge, drain, ditch, slope, post or culvert, including headers, within the road right-of-way.

Article 9. Guardrails

When new road or culvert construction creates side slopes steeper than 1 on 3, guardrail will be installed according to AASHTO Roadside Design Guide.

Article 10. Effective Date

These standards shall become effective immediately upon their adoption by the Proctor Selectboard.