



Zoning Administrator Town of Fairfield P.O.Box 5 Fairfield VT 05455

Zoning@fairfieldvermont.us M802.393.9052 H802.524.0348 O802.827.3261 ext 1

Fairfield Fire Department and Town Requirements for Driveways

1. 20' wide radius for all residential driveways cut entrances and 30' radius for commercial driveways.
2. Minimum driveway width of 12 feet for all driveways with single family homes or camps that are up to 300 feet in length.
3. Minimum width 16 feet wide for all driveways over 400 feet in length, with 20x20 pull offs every 300 feet or less.
4. 20 x 20 deep turn around at the house end of every driveway.
5. Minimum width of 18 feet wide for all drivewaysⁱ with 2 or more homes or camps, with 20x20 pull offs every 300 feet or less.
6. Minimum width of 20 feet wide for all driveways for more than two homes or camps, with 20x20 pull offs every 300 feet or less. (These drives must be built to town road specifications.)
7. Any existing roads or driveways must be upgraded to these specifications before any future development is considered.
8. Minimum culvert diameter of 15 inches.
9. These standards are based on VTrans B-71 and Town Road and Bridge Standards as approved by the Selectboard and attached for reference.

Maurice Jettie Road Foreman 802-827-3290 Town Garage

Tim Corey Fairfield Fire Chief 802-393-9999 Cell

Alisha LaRocque ZA 802-393-9052 Cell

ⁱ Private Roads shall fall under the term "driveways" for the purpose of these requirements.



Zoning Administrator Town of Fairfield P.O.Box 5 Fairfield VT 05455

Zoning@fairfieldvermont.us M802.393.9052 H802.524.0348 O802.827.3261 ext 1

Driveway Sign off

This form is required to complete your Certificate of Compliance/Occupancy in most cases. However some applicants need to meet these standards before development can begin. If you need clarification contact the Zoning Administrator, Alisha LaRocque.

Our concern for your safety and accessibility is of the utmost importance, not just for you, but the safety and well being of all residents of the Town of Fairfield.

Your driveway *must* be up to standards set by Vtrans and by the Town.

You will need to have your driveway inspected by your local Fire Chief, and by the Road Foreman.

The driveway should meet all the necessary requirements listed on the cover page and the attached road and bridge standards.

You are responsible for the expense of such improvements.

We strive for accuracy and efficiency, please do not try to negotiate the standards as they are set by the Town of Fairfield and the State of Vermont.

Does the driveway meet all the necessary requirements? YES _____ NO _____

Does the driveway need any improvements? If so please list.

Maurice Jettie Road Foreman _____ Date _____

Tim Corey Fire Dept _____ Date _____

Alisha LaRocque ZA _____ Date _____

Please return completed form to Zoning Administrator Alisha LaRocque

TOWN ROAD AND BRIDGE STANDARDS **Town OF FAIRFIELD, VERMONT**

The Town of FAIRFIELD hereby adopts the following Town Road and Bridge Standards which shall apply to the construction, repair, and maintenance of all town roads and bridges.

The standards listed here are considered minimum and apply to construction projects and repair and maintenance activities. The standards include management practices and are designed to: ensure the safety of the traveling public, minimize damage to road infrastructure during flood events, and enhance water quality protections by minimizing sediment delivery to surface waters and/or wetlands.

The Selectboard reserves the right to modify the standards for a particular project or repair or maintenance activities where, because of unique physical circumstances or conditions, there is no possibility that the project or activities can be completed in strict conformance with these provisions. Any modifications to the standards must be done in a manner that serves the underlying intent of the management practice, be it public safety, flood hazard avoidance, or water quality protection. Fiscal reasons are not a basis for modification of the standards. Questions about modifications to the standards should be directed to the VTrans District Office.

Municipalities must comply with all applicable state and federal approvals, permits and duly adopted standards when undertaking road and bridge activities and projects.

Any new road regulated by and/or to be conveyed to the municipality 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 must be notified prior to any field changes taking place that would alter the original scope of work.

Roadways

- All new or substantially reconstructed gravel roads shall have at least a 12-inches thick processed gravel sub-base, with an additional 3 inches (minimum) top course of crushed gravel.
- All new or substantially reconstructed paved roads shall have at least a 15 inches thick processed gravel sub-base.
- All roadways shall be graded so water does not remain on the road surface. For roadways that are not super-elevated, this generally means a 2-4% ($\frac{1}{4}$ " - $\frac{1}{2}$ " per ft) crown for gravel roads and a 1-2% ($\frac{1}{8}$ " - $\frac{1}{4}$ " per ft) crown for paved roads to promote sheeting of water.
- Proper grading techniques for gravel roadways must be used to avoid creating a ridge or berm between the crown and the ditch.
- Any berm along the roadway shoulder that prevents the proper sheeting of water must be removed.

Ditches and Slopes

Soil exposed during ditch and slope construction, repair or maintenance must be treated immediately following the operation and temporary erosion prevention and sediment control practices must be installed and maintained during construction activities and until the ditch or slope is permanently stabilized.

The following are minimum erosion control measures. Careful attention must be given to areas vulnerable to erosion and immediately adjacent or discharging to surface waters and/or roadway drainage facilities:

- Seed and mulch all ditches with grades less than 5% when undertaking projects or repairs or maintenance activities that result in exposed soil. Vegetation must be established and monitored. If vegetation is not established within 10 days of placement, install biodegradable non-welded matting with seed.
- Stone line all new or reconstructed ditches or whenever soils are disturbed by maintenance activities with grades equal to and greater than 5%; alternatively, install stone check dams. The check dams must meet criteria outlined in the *"Standards and Specifications for Check Dams,"* from the *Vermont Standards and Specifications for Erosion Prevention and Sediment Control*. Specifically, dams must be placed so that the crest of the downstream check dam is at the same elevation as the base of the upstream dam.
- Create parabolic (wide "U" shaped) ditches when constructing new or substantially reconstructing ditches, rather than narrow "V" shaped ditches wherever lateral space allows. Ditches with gradual side slopes (maximum of 1:2, vertical to horizontal ratio) and a wide bottom (at least 2 feet) are preferred. Use biodegradable, non-welded matting to stabilize side-slopes where slopes are greater than 1:2 and less than 1:1 ½; apply seed and mulch to any raw or exposed side-slope if slopes are less than 1:2.
- All ditches must be turned out to avoid direct outlet into surface waters. There must be adequate outlet protection at the end of the turnout, either a structural (rock) or vegetative filtering area.
- If in the best professional engineering judgment of the VTrans Operations Division, there is a cost effective ditch treatment that will meet the intent of the management practices described above, but represents a departure from these standards, the municipality may implement the more cost effective ditch treatment alternative with the professional recommendation submitted in written form by VTrans prior to the municipality executing the work.
- When constructing new or substantially reconstructing side slopes, use appropriately sized stone armament on slopes that are 1:1½ or greater. If perennial streams are affected by the toe of slope the project must conform to the statewide Stream Alteration standards.

Culverts and Bridges

- Replacement of existing culverts and any new culvert must have a minimum culvert diameter of 18 inches.
- Replacement of existing bridges and culverts and any new bridges and culverts must be designed in accordance with the VTrans Hydraulics Manual, and, in the case of perennial streams, conform to the statewide Stream Alteration standards.
- All new driveway culverts must have a minimum diameter of 15 inches.
- When installing or replacing culverts, use appropriate techniques such as headwalls and wingwalls, where there is erosion or undermining or where it is expected to occur.
- Install a splash pad or plunge pool at the outlet of new or repaired drainage culverts where there is erosion or where erosion may occur. Splash pads and plunge pools are not appropriate for use in streams supporting aquatic life.

Guardrails

When roadway, culvert, bridge, or retaining wall construction or reconstruction projects result in hazards such as foreslopes, drop offs, or fixed obstacles within the designated clear-zone, a roadside barrier such as guardrail must be installed. The most current version of the AASHTO Roadside Design Guide will govern the analysis of the hazard and the subsequent treatment of that hazard.

Access Management

The town must have a process in place, formal or informal, to review all new drive accesses and development roads where they intersect Town roads, as authorized under 19 V.S.A. Section 1111. Towns may reference VTrans A-76 Standards for Town & Development Roads and B-71 Standards for Residential and Commercial Drives; and the VTrans Access Management Program Guidelines for other design standards and specifications.

Training

Town highway maintenance crews must collectively attend a minimum total of 6 hours of training per year on best road management practices. The town must keep documentation of their attendance for a period of three years.

Passed and adopted by the Selectboard of the Town of FAIRFIELD, State of Vermont
on February 8, 2016.

Selectboard

Tom Hawesigan J.A. Christie
Jawn Ryan Gene F. Chahambault
Norm King _____

