

**Town of Plainfield
Standard Specification for
Construction and Improvements of
Roads and Streets**

The Selectboard of the Town of Plainfield, County of Washington, in the State of Vermont hereby adopts the following policy: This policy replaces all previous policies on this subject. Effective ~~October 28,~~ ^{November 10,} 2003.

Standard Specification for Construction and Improvements of Roads and Streets.

- Road and road related improvements shall be constructed or installed in accordance using sound engineering practices, fluvial geomorphic assessments and this standard specification.
- The standard specifications contained as part of this policy are considered minimum and may be exceeded to meet traffic or other conditions.
- All new culverts shall be a minimum of eighteen inches (18") in diameter. All new bridges and culverts will meet the 100-year event or "Q-100" standard. All new drainage structures 60" diameter or equivalent and larger shall be approved by the VT Agency of Natural Resources prior to installation.
- All bridges and culverts should be of sufficient cross-sectional area and width to avoid channel constriction, prevent increases in velocity downstream, and backwater effects upstream and to withstand expected flood waters. Bridges and culverts should be sized at a minimum for bankfull width (to pass the 1 – 2 year return flow) in streams that are entrenched. If possible, it is recommended that for streams that access the floodplain, that infrastructure be sized for flood-prone width (2x bankfull width).
- Roadside ditches shall be treated to minimize erosion and to remove sediments and other pollutants from runoff water by:
 - seeding and mulching ditches having a slope of less than 2.5%;
 - placing biodegradable matting and seed in ditches with slopes between 2.5% and 5%;
 - stone lining ditches having a slope 5% or greater.
- Roadway embankment fills or stabilization where the embankment constitutes a streambank shall be approved by the VT Agency of Natural Resources prior to construction.
- All bridges shall have a minimum two-lane width except the following:

The Selectboard hereby adopts and will enforce the following construction guidelines and/or standards from the Vermont Agency of Transportation which are considered integral to this policy:

A-21	Class 3 Town Highway guidelines for ADT 0 - 250
A-22	Class 3 Town Highway guidelines for ADT 250 - 400
A-23	Other than Class 3 Highway guidelines for ADT 0 - 400
A-24	Guidelines for All ADT Highways 400 - 750
A-25	Guidelines for All ADT Highways 750 + <50 mph
A-26	Guidelines for All ADT Highways 750 + > or = 50 mph
A-76	Design Standard for Town and Development Roads

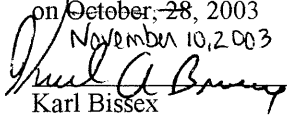
- B-11 Design Standard for Underdrain
- B-71 Design Standard for Residential and Commercial Drives
- D-2 Design Standard for Headwalls and other reinforcement
- D-3 Design Standard for Treated Gutters


- These standard specifications are subject to modifications by the Selectboard only if it can be shown that enforcement would cause undue hardship due to unusual conditions, provided the general objectives are satisfied after a study of local conditions requiring changes.
- Any new road, whether or not that road is proposed to be conveyed to the town, shall be constructed according to the minimums of this standard.
- The Selectboard shall make final decisions over all questions arising during construction of new roads and shall approve all field changes.

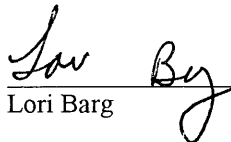
Passed and adopted by the Selectboard of the Town of Plainfield, State of Vermont

on October 28, 2003

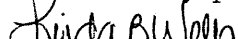
November 10, 2003


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Attest:  Town Clerk