

A. This specification sheet shall be known as the Town Of Liberty Roads Specification Booklet

B. Purpose:

The purpose of these specifications is:

1. To establish minimum specifications for the design and construction of roads.
2. To establish minimum requirements for a road to qualify for Town acceptance.
3. To ensure that safe and sufficient access is provided to all new development within the town.

#### Public Acceptance Procedure

A. All Roads proposed for public acceptance shall comply with the procedures and requirements of this booklet.

B. The Board of Selectmen with the assistance of the Road Commissioner shall review all proposals for acceptance and shall make a recommendation to the Town Meeting. The Town shall accept roads only by a vote of the Town Meeting.

C. A road shall not be eligible for public acceptance unless it complies with all of the requirements of this booklet and to The Town of Liberty Subdivision ordinance Article III in its entirety.

### Road design Specifications *at a glance*

1. The minimum width for a legal right of way for any road whether public or private shall be fifty {50} feet. The centerline of the roadway shall be the centerline of the right of way.
2. The minimum travel width shall be twenty {20} feet.
3. The minimum width of shoulders shall be two (2) feet, and they shall be graded to drain water away from the road surface.\*
4. The surface of all roads shall have a four inch crown from the centerline to the edge of the travel way.
5. Grades of all roads shall be reasonably minimum but shall not be less than six inches per one hundred feet.
6. A dead end road or cul-de-sac shall be provided with a suitable turnaround at the closed end. The turn around or cul-de-sac MUST be have written approval by the Road Commissioner, The Towns current snowplowing contractor , Fire Department and the Superintendent of Schools.
7. Side slopes in either cut or fill situations shall not be graded steeper than 2:1. All embankments shall be loamed to a depth of not less than four inches, fine graded, and seeded to establish a good cover of grass.
8. All Roads shall be designed to provide adequate, safe, visibility for both pedestrians and vehicular traffic.
9. All trees, brush, limbs and any other debris or impedements shall be trimmed or removed at a 20 foot vertical distance to the furthest extent possible, to allow proper snow removal and visual obstructions.

### ***Construction Phase***

1. Before any clearing or upgrades are started on the right of way, the centerline and side lines of the Road shall be staked or flagged at fifty foot intervals.
2. Before grading is started, the entire right of way, other than trees and vegetation intended for preservation, shall be cleared of all stumps, roots, brush and other objectionable material. Large Boulders and tree stumps shall be moved out of the right of way.

3. The gravel base course shall be at least {12} inches deep, and shall be composed of gravel of hard, durable particles, free of vegetative matter, lumps or balls of clay, and shall have a maximum stone size of {6} inches in diameter.
4. The finish grade should consist of screened gravel compacted in 2 inch layers with a total of 6 inches of screened gravel and must be compacted.
5. The Road **must be paved** for consideration of acceptance for a Town Road.
6. The pavement shall be 2 inches in thickness and should meet the minimum standards of the Maine Department of Transportation.
7. Where pavement joins existing pavement, the existing pavement shall be cut along a smooth line and form a neat, even, vertical joint.

### ***Drainage***

1. Drainage from the road shall be designed to prevent standing water on the road; the road shall have side slopes no greater than 2:1. No surface drainage shall be conveyed or diverted across a shoulder.
2. Whenever it is required to alter an existing water course, a drainage easement shall be secured from the property owners affected. Wherever any road way construction or design features cannot be placed entirely within the road right of way, easements shall be secured from abutting property owners. All drainage easements, if required, shall be secured from abutting property owners.
3. All culverts shall be coated steel or recognized equivalents accepted by the Maine Department of Transportation. Roadway culverts shall not be less than 18 inches in diameter for a road crossing. All other storm water drainage features shall be designed to a storm water plan as required by the Liberty Subdivision Ordinance.
4. All culverts should be free from debris and should not contain any apparatus such as water lines etc.
5. All ditches should be free of debris and have a depth suitable to carry appropriate water flow. All ditches should adhere to the Maine Department Erosion and Sediment Control standards.