

## **Town of Smithfield Road and Driveway Ordinance**

Adopted: June 4, 1977

Amended: march 9 2013

The following minimum standards shall apply to all newly constructed roads and driveways after the effective date of this ordinance

### **Section 1. Intersections**

- a) All new private roads and driveways entering onto a town maintained road must be approved by the Town of Smithfield Road Commissioner.
- b) Entrance culverts within the Town Road right of way shall be a minimum of 30 feet in length
  - i) The Smithfield Road Commissioner will determine the diameter of entrance culverts within the Town Road right of way depending upon local conditions.
- c) Private roads and driveways that enter onto a State Road shall comply with the applicable Maine Department of Transportation (MDOT) design requirements. The applicant shall submit a copy of the MDOT permit for road access to the Town of Smithfield.
- d) The intersection of all private roads and driveways entering onto a town maintained road must be as near to 90 degrees as site conditions permit, but in no case shall be less than 60 degrees.
- e) All new private roads and driveways entering onto a town maintained road shall have no more than a 3% grade within 50ft of the intersection

### **Section 2. Design Standards**

- a) Minor streets shall be designed to discourage through traffic.
- b) Width of right-of-ways shall be a minimum of 50 feet with 66 feet desirable and the Planning Board may require additional width where the street may reasonably expect heavy usage.
- c) The width of traveled ways shall be a minimum of two 10 foot traffic lanes plus 2 foot shoulders on each side and 2 to 1 foot slope to the ditch. The Planning Board may require that additional width be required for streets which will receive heavy usage.
- d) The radius of center line curves shall be 100 feet at the minimum, with streets which will

receive heavy usage up to 500 feet.

- e) Street grades shall be a minimum of 0.5 percent, a maximum of 10 percent which may be varied by the Planning Board in certain cases.
- f) Cul-de-sac and dead end streets shall have a maximum length of 800 feet with a minimum property line radius of 100 feet and a minimum turning radius of 50 feet at the closed end. Use of a T-shaped turn-around will be permitted as an alternative. In the latter case, the turnaround shall be at least 24 feet wide, 40 feet long and shall be located between 50 and 100 feet from the end of the street (all dimensions cited for the T-shaped turnaround are for the traveled way).
- g) Construction of streets shall conform to the requirements of the Town of Smithfield Road Ordinance or shall meet the following minimum requirements:
  - a. 18 inches of road base bank gravel with no rocks larger than 8 inches shall be required.
  - b. 4 inches of upper base fine bank run gravel (with no stones larger than 2 inches) shall be required.
  - c. Road crown shall be at least 1/4 inch/ one foot.
  - d. Bituminous paving 3 inches thick (2 inch base, 1 inch surface) may be required.

All street construction shall conform to the good engineering practices and be suitable for the intended usage of the street. The developer will notify the Selectmen when the road is completed.