

Town of West Gardiner

West Gardiner, Maine 04345

MINIMUM STANDARDS FOR STREET DESIGN AND CONSTRUCTION

The design of streets shall provide for proper continuation of streets from adjacent subdivision and built-up areas, and proper projection of streets into adjacent un-subdivided and open land, and must be laid out by a State registered, licensed engineer and built to grade; plans and grades including cross sections provided to town.

- a. The minimum right-of-way shall be 66 (sixty-six) feet consisting of the road or street surface of 20 (twenty) feet in the center line of the right-of-way, 3 (three) feet of gravel shoulders each side, 9 (nine) foot slopes with no less than 3 to 1 grade, proper back slope with no less than a grade of 2 to 1.
- b. The entire width of the right-of-way shall be cleaned of all stumps, roots, bushes, and perishable material, including all trees except those not interfering with travel, or use, and deemed to be desirable for shade or beautification by the Selectmen.
- c. The pavement shall be 20 (twenty) feet in width of bituminous concrete, minimum of 2 (two) inches thick base mix, 1 (one) inch thick surface mix and 3 (three) feet of gravel shoulders on both sides. The base shall be 12 (twelve) inches of base gravel and 12 (twelve) inches of surface gravel. The base course, wearing surface, and all culverts shall be approved by the Selectmen and the Road Commissioner before installation.
- d. The street or road grade shall not exceed 5 (five) percent grade at any intersection. The balance of the street shall not exceed a grade of 12 (twelve) percent.
- e. The property lines at intersections shall be rounded sufficient to produce a turning radius of 20 (twenty) feet.
- f. The angle of any street at an intersection shall not be less than 60 (sixty) degrees. The radius of a centerline curve shall be a minimum of 200 (two hundred) feet.
- g. All roads and streets shall have a 1/4 (one-fourth) inch crown to the foot.
- h. All curves shall be banked and provided with adequate drainage.
- i. Ditches shall be 35 (thirty-five) inches in depth and seeded to the road surface.

MINIMUM STANDARDS FOR STREET DESIGN AND CONSTRUCTION

- j. There shall be a minimum of centerline of 1500 (fifteen hundred) feet between street intersections.
- k. No road culvert shall be less than 15 (fifteen) inches in diameter by 46 (forty-six) feet long and no driveway culvert shall be less than 15 (fifteen) inches in diameter by 30 (thirty) feet long, unless larger size is required. No abutting property owner shall obstruct the flow or drainage of any ditch existing on any road or street by the construction of a driveway or entrance.
- l. Cul-de-sac (turn around) and dead end streets shall have a a minimum length of 800 (eight hundred) feet. Paved cul-de-sac turns shall have a minimum radius of 200 (two hundred) feet from the center of the circle. Use of paved T-shaped turn around shall be permitted as an alternative with a minimum width of 66 (sixty-six) feet and a length of 50 (fifty) feet. The end of the turn around shall be located at least 150 (one hundred fifty) feet beyond the last driveway. All turn arounds shall be built to the road specifications.
- m. Upon acceptance by the Town, the road and the right-of-way, including the turn around, shall be deeded to the Town by a warranty deed.

ATTEST:

Nancy T. O'Laughlin
Nancy T. O'Laughlin
Town Clerk

Date: April 1, 1999

Victor A. Goodwin, Sr.

Victor A. Goodwin, Sr.

Merton L. Hickey

Merton L. Hickey

Gregory A. Couture

Gregory A. Couture

Selectmen

Town of West Gardiner