

**AN ORDINANCE CONCERNING THE CONSTRUCTION AND  
ACCEPTANCE OF PUBLIC STREETS OR PUBLIC HIGHWAYS IN THE  
TOWN OF HARWINTON**

ORDAINED: by the Town Meeting of the Town of Harwinton:

1. General: No land shall be dedicated by any owner of real estate for acceptance as a public street or highway by the Town of Harwinton, nor shall any street or highway be constructed by any owner of real estate for acceptance as a public street or highway, except in accordance with the provisions of this Ordinance. No land shall be accepted as a public street or highway by the proper authority of the Town except in accordance with the provisions of this Ordinance.
2. Standards: Each street or highway dedicated for acceptance by the Town shall conform to the following standards:
  - 2.1 Right-Of-Way: A right-of-way, not less than 50 feet in width, shall be dedicated for highway purposes together with all rights-of-way and easements, at least 20 feet in width, that may be necessary for the proper drainage thereof. Deadend streets shall be provided with a suitable hammerhead or branch type turnaround at the closed end.
  - 2.2 Grade and Alignment: The minimum grade for any street shall be 1% and the maximum grade shall not exceed 10%. The minimum radius of curvature at the center line of streets shall be 200 feet. Appropriate vertical curves for transition shall be established on any street and at street intersections to insure adequate sight distance.
  - 2.3 Pavement and Cross Section: Streets shall be constructed with a pavement, not less than 24 feet in width, centered in the right-of-way. The right-of-way adjacent to the curb and for a width of six (6) feet shall be graded to the top of the curb with a slope of ½ inch per foot; grading beyond the six (6) foot width shall not exceed one (1) foot of rise or fall for each two (2) feet of horizontal distance, or such lesser slope determined by the Board of Selectmen as necessary to maintain stability of the slope.
  - 2.4 Street Construction: The right-of-way shall be properly graded to conform to the required cross section, and the subgrade for the road bed shall be properly prepared, and rolled with a 10-ton roller or equivalent, to accept the base course. A base course, not less than 14 inches in depth and for the full width of the pavement, shall be constructed of suitable processed or bank run gravel; the base course shall be rolled with a 10-ton roller and shaped with a cross slope ½ inch per foot from the centerline. The paved surface shall have a cross slope of ½ inch per foot from the centerline and shall be constructed of two (2) courses of bituminous concrete, each 1 ¼ inches in depth after compaction. Bituminous concrete curbs, machine formed, shall be constructed on the outer edge of the completed pavement where necessary to control storm water runoff or to prevent erosion.

- 2.5 Drainage: Streets shall be properly drained with sufficient pipe and catch basins. The minimum size of storm water pipe shall be 15 inches in diameter, and the minimum slope of pipe shall be 0.5%. Culverts shall extend to the edge of the right-of-way of the street, and the open end of any pipe shall be provided with a suitable endwall. The discharge of all storm water shall be into natural streams, into Town or State drainage systems with adequate capacity to carry the discharge or onto land where proper easements for drainage have been provided.
- 2.6 Street Names and Signs: Street names shall be approved by the Harwinton Planning Commission. Street name signs shall be installed at all street intersections and shall be of a design and material approved by the Board of Selectmen.
- 2.7 Guide Rails: Suitable guide posts or rails shall be installed along all streets where there will be an embankment with a depth of four (4) feet or more within 20 feet of the edge of the pavement.
3. Construction: No owner of real estate to be dedicated for acceptance by the Town of Harwinton as a public street or highway, and no other person, firm or corporation shall construct a street or highway for acceptance by the Town, until the following requirements have been met:
  - 3.1 Maps and Plans: A map of the right-of-way for the street or highway and construction plans for streets, drainage and other improvements shall be presented to and approved by the Board of Selectmen.
  - 3.2 Permit: No construction and installation of streets, drainage and other improvements shall be commenced until a Road Construction Permit has been issued by the Board of Selectmen.
  - 3.3 Inspection: All construction of the street or highway shall be carried out subject to supervision and inspection by the Board of Selectmen or their authorized agent.
4. Administration: The Board of Selectmen shall have responsibility for administration and enforcement of this Ordinance. In carrying out its duties, the Board of Selectmen are authorized as follows:
  - 4.1 Procedure: to adopt policies, rules and procedures, as well as standards and specifications, necessary to conduct its duties and enforcement of this Ordinance;
  - 4.2 Fees: to establish from time to time reasonable fees for issuance of a Road Construction Permit and for supervision and inspection of construction under an approved Permit; and
  - 4.3 Alternate Standards: to approve alternate design and construction standards for streets, drainage and other improvements when a) such standards are prepared by a professional engineer licensed as such by the State of Connecticut, and b) the Board of Selectmen determines that such standards will be in accord with the purpose and intent of Par. 2 of this Ordinance.
5. Acceptance: The Board of Selectmen is authorized to accept as a public street or highway land dedicated by an owner of real estate, subject to the following conditions:
  - 5.1 Map: There shall be on file in the Office of the Harwinton Town Clerk a map of the right-of-way of the street or highway, together with all rights-of-way and easements that may be necessary for the proper drainage of the street, and showing the location of permanent monuments. The map shall be prepared by and bear the seal of a land surveyor licensed as such by the State of Connecticut.
  - 5.2 Application: The owner shall make written application to the Board of Selectmen for such acceptance, and the application shall be accompanied by the following:

- 5.2.1 As-Built Plans: construction plans of the street or highway showing the street, drainage and other improvements as built.
- 5.2.2 Conveyance: a warranty deed free and clear of all encumbrances to the right of way being designated as a public street or highway and easement deeds, in suitable and standard form, for drainage or other purposes encompassing land not located in the right of way of the public street or highway.
- 5.2.3 Maintenance Bond: an executed agreement and bond to guarantee maintenance of and to cover unforeseen deficiencies in the construction of the street, drainage and other improvements for a period of 15 months after the date of acceptance of the street.
- 5.3 Certification: The Board of Selectmen shall certify in writing that the street or highway to be accepted has been established and constructed in accordance with Par. 2 of this Ordinance or as modified under Par. 4.3.
- 5.4 Planning Commission: Not less than 35 days prior to acceptance of the street or highway, the Board of Selectmen shall refer the application for acceptance to the Harwinton Planning Commission for a report.

VOTED: May 22, 1973

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EFFECTIVE: June 15, 1973

**AMENDED BY ORDINANCE 74**

**REPEALED BY ORDINANCE 101**