

THE JACK WACHTER  
ORDINANCE NO. #100

AN ORDINANCE PROVIDING FOR MINIMUM IMPROVEMENTS AND CONSTRUCTION STANDARDS REQUIRED FOR STREETS OFFERED FOR DEDICATION TO THE PUBLIC.

NOW, THEREFORE, BE IT ORDAINED AND ENACTED by the Board of Supervisors of Barrett Township, Monroe County, Pennsylvania, and it is hereby ordained and enacted by the authority of the same, to wit:

SECTION 1: INTRODUCTION

Minimum improvements and construction standards required of all streets offered for dedication shall be as set forth in the ordinance. Where not set forth, they shall be in accordance with the prevailing standards as established by the Board of Supervisors or the Township Engineer. Alternate improvements standards may be permitted if the Supervisors deem them equal or superior in performance characteristics to the specified improvements. Additional or higher type improvements may be required in specific cases where the Supervisors believe it is necessary to create conditions essential to the health, safety, and general welfare of the citizens of the Township. All construction materials and methods shall conform to PennDOT Specs Form 408, dated 1987, with applicable supplements.

SECTION 2: GRADING

(a) All streets shall be graded, surfaced, and improved to the grades and dimensions shown on plans, profiles, and cross sections to be submitted to and approved by the Supervisors.

(b) All streets shall be graded to a maximum slope of three (3) horizontal, to one (1) vertical, beyond the cartway line, where cut and fill is necessary, steeper in rock cut.

(c) All road right-of-way shall be a minimum of fifty (50) feet in width, cleared and graded, except where previously approved at a lesser width.

(d) All roads and streets shall be graded to a minimum cartway width of thirty (30) feet, with a minimum paved travel way of twenty-two (22) feet, with four (4) feet shoulders constructed on each side of pavement.

(e) Stumps, roots, and sod shall be removed from said minimum width of the right-of-way to a depth of at least two (2") inches below sub-grade elevation.

(f) Top soil shall not be used as fill in the sub-grade.

(g) All large rocks or boulders shall be broken off not less than twelve (12") inches below in the surface of the sub-grade.

(h) The sub-grade shall be made by excavation, fill, or reshaping of the existing ground to the proper line, grade, and cross section as determined by the Township Supervisors.

(i) The minimum pitch from the crown of the roadway to the side of the roadway shall be one quarter (1/4") inch to the foot.

(j) The slope of the shoulders shall be one (1") inch per foot and shall slope away from the roadway.

(k) The maximum grade shall not be greater than fourteen (14%) percent. The minimum grade shall not be greater than five tenths of one (0.5%) percent.

(l) Sub-grade shall be brought to a firm, thoroughly compacted, surface by rolling with an approved static or vibratory roller no less than ten (10) tons or equal.

(m) Horizontal and vertical curves must have two hundred (200) feet sight distance for stopping, by employing VC, and H curves.

SECTION 3: STREET PAVEMENT, SHOULDERS, AND  
BASE COURSE REQUIREMENTS

(a) The thickness of the base course shall be eight (8") inches, compacted, and shall consist of bank run gravel or PennDOT 2A crushed stone approved by the Township Engineer. Top size of bank run material shall not exceed three (3") inches. Shale will not be permitted as a base course material.

(b) Shoulders shall be extended with the base course, and shall be covered to meet the required slope with not less than two (2") inches of PA grade 2 RC material. The Board of Supervisors or the Township Engineer may specify specific materials in certain situations in erosion areas, and may require acceptable stabilization to prevent erosion.

(c) Any one of the following alternatives shall be acceptable as permanent pavement:

1. Three (3") inches of bituminous binder with a one and one-half (1 1/2") inch wearing surface placed over a stone base course of a minimum of four (4") inches of 2A

aggregate, or not less than four (4") inches of BCBC EITH a one and one-half (1 1/2") inch wearing course.

2. Eight (8") inches of reinforced cement concrete placed on a base course of either two (2") inches of 2B stone or three (3") inches of open graded sub-base material.

3. Guide rail must be installed when the fill area exceeds five (5') feet in depth, and run the entire length of the fill, and must be PennDOT approved posts and rails, new or used, and must be at least three (3') feet above surface. PennDOT type two (2) weak post guide rail may be used.

#### CURB TYPE (IF REQUIRED)

Plain concrete curbing with one-half (1/2") inch expansion joints every ten (10') feet, with eight (8") inches in width at the top, and ten (10") inches at the bottom in width, to a depth of eighteen (18") inches, with the slope to the street side. Joints will be sealed with acceptable hot poured joint sealing material.

#### SIDEWALKS (IF REQUIRED)

Must be concrete sidewalk: Four (4") inches in thickness, placed on four (4") inches of crushed either 2B or open graded sub-base material as a base course.

#### SECTION 4: STORM DRAINAGE

An adequate storm drain system consisting of inlets and other underground drainage structures with approved outlets shall be constructed where the run off of storm water and surface water to prevent erosion cannot be accomplished satisfactorily by surface drainage facilities, and stabilization of parallel swales. Outlet locations shall be governed by the owners of the properties involved. The minimum size for underground piping shall be not less than fifteen (15") inches in diameter and shall be fully asphalt coated corrugated metal pipe with paved invert, with an inlet box to conform to the shoulder grade. All culvert structures must comply with the Board of Supervisors and the Township Engineer, and with PennDOT Specifications #408. The stabilization of parallel swales may be required to prevent erosion. Outlet ditches of all pipe shall be lined with R-3 rock (PennDOT 408, Sec. 850.2), lining shall be at least one (1') foot deep, extend a minimum distance of five (5') feet from end of pipe, and cover the full width of the outlet, which shall be at least double the diameter of the pipe. Outlet ditches shall be free and clear of all brush, vegetation, and any obstruction that would impede the flow of water through the pipe.



SECTION 5: CUL-DE-SAC (WHEN REQUIRED)

The radius of any cul-de-sac must be fifty (50') feet, grading must be followed as in Section 2, Paragraphs (e) through (j), and the base course must be eight (8") inches through the entire fifty (50') feet radius. The paving must be a thirty (30') feet radius and follow requirements in Section 3, Paragraphs (a) through (c). Shoulders shall be twenty (20') feet wide and shall be covered with not less than two (2") inches compacted, with either 2A or 2RC stone.

SECTION 6: INSTALLATION OF IMPROVEMENTS

Required improvements shall be installed by the person, partnership, association, or corporation offering the street or roadway for dedication, under the supervision of the Township Engineer, and the Board of Supervisors.

SECTION 7: PENALTIES

Any person who shall violate or fail to comply with any of the provisions of this Ordinance shall, upon conviction thereof before a District Magistrate, be sentenced to pay a fine not to exceed Three Hundred (\$300.00) Dollars, and costs of prosecution, and in default of payment of such fine and costs, to be imprisoned for not more than thirty (30) days.

SECTION 8: REPEALER

All other ordinances or parts of ordinances inconsistent herewith be and the same are hereby repealed.

ORDAINED AND ENACTED into an ordinance this 8th day of November, 1989.

TOWNSHIP OF BARRETT

By: Lawrence C. Hardy  
LAWRENCE C. HARDY, Chairman

By: John R. Nauman  
JOHN R. NAUMAN, Vice-Chairman

Attest: May La Bar  
MAY LABAR, Secretary

