

ORDINANCE NO. 19-1978

REGULATING THE CONSTRUCTION OF STREETS WITHIN THE TOWNSHIP OF CENTRE, COUNTY OF BERKS, PENNSYLVANIA PRESCRIBING THE POWERS AND DUTIES OF THE SUPERVISORS THERETO.

THE SUPERVISORS OF CENTRE TOWNSHIP HEREBY ENACT AS FOLLOWS:

SECTION 1.

The developers of any land within the Township of Centre in addition to complying with any other existing subdivision regulations shall within the time fixed by the Supervisors at the time of approval by the Supervisors of a subdivision plan construct and complete the streets within said subdivision.

SECTION 2.

The Supervisors shall from time to time promulgate specifications for the construction of streets and roadways within the Township.

SECTION 3.

The Supervisors may apply said specifications to any road before accepting a road into the Township road system.

SECTION 4. EFFECTIVE DATE

The provisions of this Ordinance shall become effective ten (10) days after its enactment.

ENACTED into an Ordinance this 8<sup>TH</sup> day of *NOVEMBER*, 1978.

EFFECTIVE: *NOVEMBER 19*, 1978.

ATTEST: *George C. Seifert* *Wilmer H. Phillips*  
Chairman

*Charles B. Berkey*

*Daniel C. Osterloffe*  
Supervisors of Township of  
Centre, County of Berks,  
Pennsylvania

19-1978

STANDARD SPECIFICATIONS FOR DEVELOPERS  
TOWNSHIP OF CENTRE, COUNTY OF BERKS, PENNSYLVANIA

STREET CONSTRUCTION

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## STREET CONSTRUCTION

### Section 1. GENERAL

All streets shall be constructed as hereafter outlined or as directed by the Township. The Developer shall satisfy himself as to all requirements referred to herein, or to any requirements other than hereafter set forth.

The Township Roadmaster shall inspect all work covered hereunder. Upon written notice from the Township Roadmaster as to defective work, replacement shall be at the Developer's expense.

### Section 2. MATERIALS

All materials shall meet the latest Pennsylvania Department of Transportation specifications. Township specifications shall take precedence should they differ from State specifications.

### Section 3. CONSTRUCTION METHODS

Construction methods shall be in accordance with PennDOT specifications. Finish wearing surface shall be applied after building construction is completed.

### Section 4. TYPES OF PAVING

All streets in the Township of Centre shall be constructed in accordance with the specifications hereinafter set forth:

The street area to be constructed shall be sufficiently scarified in depth in order that a power blade can reshape the existing surface. The scarified material shall then be reshaped to a uniform level surface.

The reshaped loose material shall be rolled with a ten ton, three-wheeled roller, until the surface is thoroughly compacted, as a sub-grade for the surface to be placed.

After the completion of the sub-grade, PennDOT specification DL-2 Tar Primer shall be applied at the rate of one-half (1/2) gallon per square yard.

(1) Application of Crushed Stone: Crushed stone, size #3A shall be spread on the prepared subgrade, to such a depth that when compacted will have a depth of six (6) inches. It shall be lightly rolled, after which the surface shall be checked for correct grade. When the surface is correct, it shall be rolled with a ten ton, three-wheeled roller until firmly locked and keyed together.

(2) Applications of Stone Chips for Filling Voids: The course of stone prepared as above-described shall then be covered with PennDOT Specification #2 crushed stone to fill the voids. It shall then be rolled lightly to key the stone after which the surface shall be checked for correct grade. All irregularities shall be corrected.

(3) Application of Tar: Upon the above-described surface, Emulsified Asphalt, PennDOT Specification E-3 shall be applied, at the rate of one (1) gallon per square yard, and immediately covered with #1B Stone Chips for filling the voids, in a sufficient quantity to completely fill the voids. Rolling shall continue until the surface is thoroughly keyed together.

In the application of tar, asphalt or other liquid materials, care must be taken so that same will not be applied to the curbs and in the event of any application to the curb surface it shall be removed by the applying party.

(4) Wearing Surface: Asphaltic concrete, meeting PennDOT specifications ID-2 shall be laid in two (2)

courses with a mechanical paving machine and rolled with a 10 ton roller to a finished compressed surface of 2-1/2" in depth. On grades greater than 8%, finish surface shall be I.D. 2AH material.

Alternate Construction

(1) Base Course: Bituminus Concrete Base Course (BCBC) meeting PennDOT Specifications shall be laid with a mechanical paving machine and rolled with a 10 ton roller to a finish compressed surface of 4" in depth.

(2) Wearing Surface: Asphaltic Concrete, meeting PennDOT Specification I.D. 2 shall be laid in one course with a mechanical paving machine and rolled with a ten ton roller to a finish compressed surface of 1-1/2" in depth. On grades greater than 8%, finish surface shall be I.D. 2AH material.

In the application of tar, asphalt or other liquid materials, care must be taken so that same will not be applied to the curbs and in the event of any application to the curb surface, it shall be removed by the applying party.

Section 5. REQUIREMENTS FOR DEDICATION OF STREET FOR PUBLIC USE

The Township of Centre will accept into the Township road system only those streets which have been constructed in accordance with specifications and requirements of applicable sections hereof. Proof of compliance with the specifications and requirements of sections contained herein. Proof of compliance with the specifications and requirements herein may be provided by requesting the Township Roadmaster to inspect the work and supervising the work during construction and installation of same or by providing boring data acquired under the supervision of the Township Roadmaster.

Section 6. ACCEPTANCE OF DEDICATION OF STREET BY THE TOWNSHIP

The Township may hereafter take into its road system any street constructed in accordance with these specifi-

cations upon receipt of a petition containing a general release in favor of the Township, duly executed by all of the abutting freeholders, requesting the Township to accept such street into the Township road system, provided that all other conditions imposed by the Second Class Township Code concerning the taking over of said streets are complied with.

Section 7. CURBING, SIDEWALKS, GUTTERS

Where applicable, the following shall maintain as to curbing, sidewalks and gutters.

(a) Grades, Width and Spacing: The grade to which every curb, gutter, sidewalk or driveway entrance shall be hereafter graded, constructed or repaired, shall be that fixed and designated by the Township Roadmaster, or an approved, recorded, Development Plan. The space between the street side of the curb and the street side of the paved portion of the sidewalk shall be four (4) feet, and a grass portion of the sidewalk shall be four (4) feet in all new developments or street construction. In already built up sections of the Township, existing conditions shall be taken into account by the Township Roadmaster in applying these regulations and in allowing any variance therefrom.

(b) Drainage: Finished sidewalks and curbs shall have a grade from the inner edge of the sidewalk to the outer edge of the curbs of three-eighths (3/8) to the foot.

(c) Inspection: All work performed shall be inspected by the Township Roadmaster, or if unavailable, by any of the Board of Supervisors, or by a person designated by them.

(d) Open Gutters: No open gutters for conducting rain water or drainage of any kind shall be permitted on the sidewalks or curbs.

(e) Permits: No person or persons, firm or corporation, shall construct or repair any sidewalk, curb, gutter, or driveway entrance without first making

application for and obtaining a permit from the Township Roadmaster. The application for permit shall set forth:

- (1) The full name and address of the owners of the land affected;
- (2) The name and address of the contractor, or the person who is to perform the work;
- (3) The precise location of the property upon which the work is to be performed;
- (4) The nature and the length of the proposed project, and such other and pertinent information as may be considered necessary by the Township Roadmaster.

A permit shall be effective for a period of ninety (90) days from date of issuance, and prior to expiration, may be renewed by the Engineer for an additional 90-day period without additional charge.

(f) Fees: Fees shall be as set by the Township.

(g) Specifications: All curbs, gutters, sidewalks and driveway entrances within street, road or alley areas, shall be constructed of ready-mixed concrete with a minimum ultimate compressive strength of three thousand (3,000) psi at twenty-eight (28) days, or if mixed on the site the proportions by dry volume shall be one (1) part approved Portland Cement, two and one-quarter (2-1/4) parts clean sharp sand, three and one-quarter (3-1/4) parts clean limestone or traprock with not more than six and one-half (6-1/2) gallons of water to one bag of cement. All concrete shall be thoroughly compacted by suitable means during the operation of placing, and shall be thoroughly worked in the corners of the forms. Exposed concrete surfaces shall be true and even, free from open or rough areas, depressions or projections. The finish shall be of steel or wood float type. No patching will be permitted. Forms shall be of wood or metal and constructed of materials sufficient in strength to hold the concrete without deforming. Forms shall be used at grade points in all cases.

Curbs or gutters constructed separately shall be made to the following specifications. The curb shall have a depth of not less than twenty-four (24) inches and shall be constructed on a well-tamped (4) inch broken stone base (slag may be substituted for the broken stone), and said curb shall be eight (8) inches thick at the top, and ten (10) inches thick at the bottom. The height of the curb above the gutter line shall be eight (8) inches. Expansion joints shall be placed every 35 feet with cleanout joints every 10 feet. Face of curb shall be rubbed with stone and sponge float to produce finished surface.

Sidewalks shall be not less than five (5) inches in thickness, and shall rest on a compact bed of broken stone or slag or cinders of a depth of at least four (4) inches.

In cold weather, adequate equipment shall be provided for heating the concrete materials and protecting the concrete during freezing or near-freezing weather. All concrete materials and all forms, fillers and ground with which the concrete is to come in contact shall be free from frost. No frozen materials or materials containing ice shall be used.

Sidewalks shall have a cleanout joint every five (5) linear feet of work. Approved expansion joints shall be placed every thirty (30) linear feet or less of work.

The radii of corners at street intersections shall not be less than the distance between the outside face of the curbing and the street line. The radii of corners at intersection alleys of a width of more than fifteen (15) feet shall be ten (10) feet wide for a single driveway and twenty (20) feet wide for a double driveway. Curb radii at the driveways shall be determined as the distance from the outside face of the curbing to the inside edge of the pavement. The curbing shall be eight (8) inches thick and twenty-four (24) inches in depth. Driveway and curbing are to be constructed on a well-tamped four (4) inch thick base of broken stone or slag.



Driveway entrances over sidewalk entrances at commercial and industrial properties shall comply with the foregoing and such additional requirements as may be prescribed from time to time by the Supervisors.