

WASHINGTON TOWNSHIP  
ORDINANCE NO. 147

AN ORDINANCE REGULATING THE CONSTRUCTION OF  
CURBS AND PROVIDING FOR THE USE OF MATERIALS  
IN SUCH CONSTRUCTION, REQUIRING INSPECTION  
AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF.

BE IT ORDAINED AND ENACTED by the authority of the Township  
of Washington, Northampton County, Pennsylvania, through the  
Board of Supervisors in regular meeting assembled and by virtue  
and under the authority of the Act of Assembly of May 1, 1933, P.L.  
103, as amended:

SECTION 1: (Excavation - Foundation)

(a) The foundation for all concrete curbs shall be  
formed and thoroughly compacted to a firm even surface in both  
cut and fill areas prior to placing any and all forms. Foundation  
areas subject to compaction shall be areas within 24" of proposed  
face and back of curb measured at right angles from said curb.  
All unsuitable materials shall be removed and replaced with  
acceptable material.

(b) In fill areas, the foundation shall be brought up  
to a grade of not less than ten (10") inches below and parallel  
with the finished surface of the proposed curbs. Fill materials  
shall be spread and compacted in even layers not more than 4"  
thick.

(c) In excavated areas, where rock is encountered, rock shall be removed to a depth of 2" below bottom of proposed curb and crushed stone, gravel and other suitable material shall be placed to form a workable even base.

(d) Prior to placing any concrete, all lines and grades on curb forms shall be checked and approved by the Township Engineer. Vertical and Horizontal control points when established by persons other than the Township Engineer, including ties or references to proposed or existing rights-of-way, easements and/or other pertinent data shall be supplied to the Township Engineer to expedite checking of aforesaid forms.

(e) All materials, workmanship and/or tolerances where applicable shall conform to the specifications as described in Penna. Dept. of Highway Form 408 unless otherwise expressly stated in this ordinance.

SECTION 2: All curbs placed on any public street in the Township of Washington, Northampton County, Pennsylvania, shall be subject to the approval of the Township Engineer, and constructed of the following materials, in conformity with a schematic diagram, prepared by the Township Engineer, Rudolph J. Davidge, and entitled "Township Standard Curb Detail", dated February 25, 1966 to Drawing #W661 in the following manner:

Cement - All cement used shall be American Portland Cement of a well known and tried brand, and of such quality as to fulfill the requirements of the standard tests of the American

Society for Testing Materials.

Sand - The sand used in concrete shall be clean, hard and not too fine. It shall not contain more than five (5%) percent of loam, clay, dirt or other impurities; and shall consist of grains grades from coarse to fine, passing a quarter ( $\frac{1}{4}$ ) inch mesh screen.

Stone - The stone used in concrete shall be crushed limestone, granite, trap or other suitable hard stone in graded sizes from one-half ( $\frac{1}{2}$ ) inch to one and one-half ( $1\frac{1}{2}$ ) inches in the largest dimension. Approved crushed gravel not less than sixty (60%) per cent of which shall have fractured edges may be substituted for stone. Care shall be taken that the stone or gravel as used is mixed as to size. All stone or gravel must be screened and shall be subject to the approval and acceptance of the Township Engineer.

Concrete - Concrete shall be composed of one (1) part Portland Cement, two (2) parts sand and four (4) parts crushed stone or gravel. These proportions shall be determined by volume measurement and all proportioning of concrete shall be done by means of a carefully gauged wheelbarrow or other apparatus of capacity which shall be determined by the Township Engineer.

The mixing of concrete shall be done by an approved batch mixer or ready mix concrete can be used. The quantity of water used shall be sufficient to make the mass plastic, but not

so wet as to cause the mortar to separate from the stone. Concrete shall be placed in position immediately after mixing and shall not be mixed in larger quantities than is required for immediate use. Concrete that has developed initial set shall not be retempered or used in any way.

Concrete Curb - The concrete curb shall be six (6") inches in width at the top, eight (8") inches in width at the base, and twenty-four (24") inches in depth, on all streets. It shall be carefully built to lines and grades established and approved by the Township Engineer, in uniform lengths or blocks of not more than ten (10') feet. These blocks are to be separated during the construction by sheet metal templates one-eighth ( $1/8$ ") inch in thickness which are to be removed after the concrete has developed initial set. Care must be taken to insure having all templates set perpendicular between the length of blocks and to have all exposed faces smoothly finished, conforming to the lines and grades given. After the foundation is prepared, proper forms and templates for the curbing shall be securely set to the lines and grades indicated. The plank used for forms shall be dressed on the edges and on the side set next to the concrete, and so securely set, as to allow for the thorough spading and ramming of concrete without displacing the forms. The front face of the curb shall be battered and edged to a three-fourth ( $3/4$ ") inch

radius and the rear rounded to a one-fourth (1/4") inch radius. The concrete, conforming to the requirements as indicated in these specifications, shall be placed in the forms as herein described.

The forms must be removed within twenty-four (24) hours after the placing of concrete and the exposed surface rubbed down to a smooth, even surface. If any holes or defects develop, they shall be filled with mortar composed of one (1) part cement and two (2) parts sand and then floated with a wooden float to a smooth, even surface. When curb is completed, no further work on the street shall be done until the curbing has been approved by the Township Engineer to insure compliance with the provisions hereof.

Placing Concrete - After the sub-grade and foundation has been prepared, the concrete, conforming to these specifications, shall be laid or placed in the forms and thoroughly tamped and spaded to insure the filling of all voids and to secure a concrete of maximum density with all corners, full and square. All concrete must be finished with a wooden float and true to the lines and grades given.

SECTION 3: The requirements of Section 2 may be modified under exceptional circumstances by the Board of Supervisors.

SECTION 4: Any corporation, person or persons violating any of the provisions of this ordinance shall be subject to a penalty of not more than one hundred (\$100.00) dollars and a further penalty of not more than twenty-five (\$25.00) dollars

for each and every day such violation shall continue, recoverable before any Justice of the Peace of the Township, as debts of like amount are recoverable by law.

SECTION 5: If any sentence, clause, section or part of this ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstittutionality, illegality or invalignty shall not affect or impair any of the remaining provisions, sentences, sections, clauses or parts of this ordinance. It is hereby declared as the intent of the Supervisors of Washington Township that this ordinance would have been adopted had such unconstitutional, illegal, or invalid sentence, clause, section, or part thereof not been included herein.

Ordained and Enacted into an Ordinance this *27<sup>th</sup>*  
day of *June*, 1966

*Earle R. Jennings*  
Chairman

*LeRoy R. Hester*

*Paul Wagner*  
Board of Supervisors of Washington  
Township

ATTEST:

*Gloria G. Clark*  
Secretary