

**ORDINANCE OF THE TOWNSHIP OF WOOLWICH AMENDING CHAPTER 159 OF THE CODE OF THE
TOWNSHIP OF WOOLWICH ENTITLED "STREETS AND SIDEWALKS"
2020-05**

WHEREAS, Article II Entitled "Street Excavations and Opening" of Chapter 159 entitled "Streets and Sidewalks" of the Code of the Township of Woolwich establishes regulations concerning the excavation of streets, which include permitting, fees, engineering review and inspection and restoration requirements; and

WHEREAS, pursuant to recommendation of the Woolwich Township Engineer, the Township Committee of the Township of Woolwich wishes to amend said Ordinance in the interest of the Township;

NOW THEREFORE BE IT ORDAINED by the Township Committee of the Township of Woolwich that the following amendments to Article II of Chapter 159 of the Code of the Township of Woolwich be and is hereby amended as follows:

SECTION I. AMENDMENTS

Chapter 159, Article 2, Section 11 entitled "Restoration of Surfaces" be deleted and replaced with the following:

A.

Excavation and reconstruction.

(1)

The New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction (latest edition), with all amendments and supplements by NJDOT, shall govern all work performed under permits issued by Woolwich Township except as supplemented and outlined below and elsewhere in this policy.

(2)

All applicants shall contact the New Jersey One Call Center (811 or 1-800-272-1000) prior to any excavation in a Township right-of-way.

(3)

The excavated material from the trench opening shall not be used for backfill unless the material is approved by the Township Department of Public Works (DPW).

(4)

Flowable backfill material shall be required for backfilling of all road openings in the pavement area, or other areas at the discretion of the DPW. Flowable backfill, also known as controlled low-strength material (CLSM), shall conform to and be constructed according to NJDOT specifications. All trenches shall be filled to within eight inches of final grade. The remaining eight inches shall be filled with stabilized base course placed in three layers to the existing grade. After a ninety-day settling period, the top two inches of the base course shall be milled and final paved with top

course as directed by the DPW. Alternate backfill materials such as 15:1 dry mix are prohibited without prior written approval from the DPW.

(5)

Backfill material, when placed in the trench outside the limits of paving, shall be deposited in layers and compacted in such a manner and by such methods as to achieve 95% standard proctor density throughout the entire area to be backfilled. The maximum thickness of each layer shall not exceed eight-inches loose measurement unless it can be demonstrated that lifts exceeding eight inches meet the minimum 95% compaction requirement. The DPW may require the permit holder to perform in-place density testing to ensure the backfill meets specified requirements.

(6)

Pavement restoration will require that a tack coat be applied to all vertical and horizontal surfaces of the opening for the stabilized base. A tack coat shall also be applied to the horizontal joints after the final two inches of top course material is placed.

(7)

No greater area shall be excavated than can be backfilled and completed, including pavement restoration, in a normal road working day (8:00 a.m. to 4:00 p.m.).

(8)

Paved roadway surfaces shall be saw cut vertically to the full depth of the existing pavement on a straight line before excavating. The surfaces shall be cut in such a manner that lifting of pavement adjacent to the trench will not occur during excavating. Any concrete encountered shall be saw cut and all bars cut flush with the edges of the concrete. Roadway surfaces beyond the limits of the trench cuts shall not be disturbed. All trench excavation must be in accordance with OSHA. Prior to paving, the applicant shall be responsible for the adjusting or for arranging for the adjustment of all facilities such as manholes, inlets, utility boxes, etc., so that they will conform to the cross slope of the restored surface of the roadway.

(9)

The DPW, at its sole discretion, may require that any portion of a trench be re-excavated and restored in accordance with provisions contained herein until the expiration of the period of maintenance.

(10)

All openings beyond the shoulder areas shall be brought to grade with compacted backfill. After a minimum of six months, a minimum thickness of four inches of topsoil shall be constructed in the trench area and seeded, fertilized, and mulched or sodded. Should a proper growth not be achieved after one month, the area shall be re-fertilized, reseeded and re-mulched or re-sodded as necessary.

(11)

Repair of Township facilities, other than pavements, shoulders, or lawn areas, which are disturbed as a result of work performed under the permit shall be required by the DPW. When work is to be completed on a Township road or intersection that impacts the existing signing, striping, raised pavement markers or traffic signal system, it is the applicant's responsibility to contact the Township DPW for mark out of existing facilities in the roadway. Any damage to these facilities must be repaired to the satisfaction of the DPW. In the event that the one or both of the center line markings of the roadway are disturbed or damaged, both center line markings shall be replaced. All restoration required by this section shall be done in conformance to the current standards. Any excavations or openings within the Township right-of-way must be restored to as good or better condition as existed prior to the commencement of work.

(12)

Mill and overlay requirements:

(a)

The DPW may direct the milling and overlay of newly trenched areas, full width of the road, if the trench is irregular in shape, and/or multiple openings are within close proximity to one another. The limits of the mill and overlay shall be from the beginning of the first opening to the end of the last opening.

(b)

Mill and overlay of the width of the entire lane is required if the trench is longitudinal along the travel lane. Full width mill and overlay of the entire road is required along longitudinal trenches with non-uniform width and/or with multiple crossings to prevent erratic travel of motor vehicles.

B.

Final restoration. For all openings in a paved roadway, either of the following reconstruction methods may be used:

(1)

The flowable fill backfill material shall be placed to within 12 inches of the existing grade. A subbase of six inches of dense-graded aggregate shall be placed and compacted, and then a layer of four inches of stabilized base shall be placed and compacted. The remaining two inches shall be filled with a cold patch material. After a minimum settling period of 90 days, the cold patch material shall be removed and replaced with the final paving as directed by the DPW. All vertical and horizontal joints shall be tack coated.

(2)

In lieu of the six inches of dense graded aggregate, six inches of stabilized base course, placed in two lifts and compacted, may be used, and the two inches of cold patch placed thereon. After the ninety-day settlement period, the temporary material shall be removed and replaced with the

permanent paving at the direction of the DPW. All vertical and horizontal joints shall be tack coated.

(3)

Traffic stripes or markings such as edge lines, stop lines, center lines, crosswalks, arrows or word messages, etc., shall be replaced immediately after the temporary pavement is placed. Latex paint may be used for temporary striping. Alkyd base thermoplastic shall be used as the final striping material. Thermoplastic shall be installed at 125 mil thickness. Glass beads shall be applied on the top of the thermoplastic traffic stripes and/or markings. Installation methods and thermoplastic materials shall be in accordance with specifications. When the final pavement restoration is complete, the final pavement markings shall be placed at the direction and approval of the Township.

Additionally, **Section 159-13.1** entitled “**Backfilling and Repaving**” shall be deleted in its entirety.

SECTION II. INCONSISTENCY

All Ordinances or parts of Ordinances that are inconsistent with the terms of this Ordinance are hereby repealed to the extent of their inconsistency.

SECTION III> EFFECTIVE DATE

This Ordinance shall take effect immediately upon proper passage, publication in accordance with law and after final adoption as provided by law.

TOWNSHIP OF WOOLWICH

ATTEST: _____
Jane DiBella, Clerk

Vernon Marino, Mayor

NOTICE

Notice is hereby given that the foregoing ordinance was introduced and passed on first reading at a meeting of the Township Committee of the Township of Woolwich, held on the 2nd day of March 2020 and will be considered for final passage at a meeting of the Township Committee of the Township of Woolwich, to be held on the 16th day of March at 6:00 p.m. at which time and place any interested party will be given the opportunity to be heard.

Jane DiBella, Township Clerk

CERTIFICATION OF ADOPTION

The foregoing Ordinance was adopted by the Township Committee of the Township of Woolwich at a meeting held on the 16th day of March, 2020.

Jane DiBella, Clerk