

TOWANDA BOROUGH SIDEWALK SPECIFICATIONS

1. Width: Sidewalks in residential areas be four (4') feet wide.
2. Materials:
 - A. Base shall be 2B crushed stone conforming to PennDot Form 408 specifications.
 - B. Reinforcement shall be 6" x 6" x 8/8 weld wire mesh conforming to PennDot Form 408 specifications.
 - C. Concrete shall be 3000 psi at 28 days. Air content shall be 5.5% plus or minus 1.5%. Slump shall range from 2" – 4" (inches). Maximum water content shall be 3 gallons per bag of cement.
 - D. Expansion joint filler material shall be ½" pre-molded cork or equivalent.
 - E. Expansion joint sealing material shall conform to ASTM Designation D1190.
3. Grade Lines: Shall be established in the field by a representative of Towanda Borough.
4. Base: The crushed aggregate base shall be spread on a prepared sub-grade to form a compacted base 4" in depth.
5. Forms: Forms shall be of wood or metal, free from warp and of sufficient strength when staked to resist springing out of shape.
6. Reinforcement is Optional: All sidewalk and apron slabs shall be reinforced with a single layer of 6" x 6" – 8/8 welded mesh at mid-depth of slab. Mesh shall be lapped 6" and tied.
7. Concrete: Thickness of concrete shall be 4" throughout except that thickness at driveways shall be 6". The finish to be floated, trowelled or broomed.
8. Joints: Sidewalks shall be constructed in separate slabs 32' (feet) in length. These slabs shall be separated by an approved transverse pre-molded expansion joint. Filler material 1/2" thick, for the full depth of the concrete. The slabs between the expansion joints shall be divided into square lengths equal to the width, by tooling and edging transversely. Transverse and longitudinal division shall extend for a depth of at least ¼ of the thickness of the concrete slabs. Pre-molded expansion joint filler material shall be placed in full depth of concrete.
 - A. at curbs
 - B. at utility poles
 - C. at fire hydrants
 - D. similar structures within limits of sidewalk.
9. Finish: Concrete sidewalks shall receive a transverse light broom finish and edged on all sides. After proper curling, concrete shall receive an anti-spalling treatment.
10. Slope: Slope to street shall not be less than 1/8" per foot or more than ¼" per foot.