

THE BOROUGH OF HANOVER
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**ABBREVIATED SUMMARY OF HANOVER BOROUGH CURB AND SIDEWALK
REGULATIONS WITHIN THE PUBLIC RIGHT OF WAY
(Ordinances #167, 436, 723, 828, 954, 1846 as amended)
(PennDOT Regulations)**

I. Curb Specifications

A. Size

1. Standard size is 6" x 24" deep with upper portion battered back to 5 1/2" top.
2. Alternate size (PennDOT specs) is 8" x 18" deep with upper portion battered back to 7" top.

B. Excavation

1. Entire curb must be excavated and removed, no curb capping is permitted.
2. Street must be cut straight and even, and at least 18" wide from the face of the curb.
3. After curb is completed, place stone to within 2" of the top of the street in excavated area. (Our Public Works Dept. will replace the street).

C. Forms

1. Both front and back form is required at least 18" below the top of curb.
2. No monolithic pours permitted.

II. Sidewalk Specifications

A. Size

1. Width
 - a. Normally 4' wide, on new installations, or as per individual street ordinance.
2. Depth
 - a. Standard 4".
 - b. Residential driveway apron and walk: 6" with wire.
 - c. Commercial driveway apron and walk: 8" with wire.

B. Seal with standard concrete sealer.

III. General Requirements

A. Placement of ¼" or ½" Expansion (Construction) Joints

1. Against all existing concrete or obstructions.
2. Every 20' of curb or at end of continuous pour.
3. At separation of driveways and ramps.
4. To be placed around 1 to 2 foot area blocked off at water and gas valve boxes, or as determined by inspector.
5. Between sidewalk and curb if adjacent each other.
6. At each property line.

B. Placement of Contraction Joints

1. May be cut in after concrete is poured.
2. Placed no further than 5 feet apart.

C. Subbase

1. Shall be thoroughly compacted.

D. Inspection

1. 24 hours notice after placement of forms and before ordering concrete.

E. Grade

1. 1/4" per foot slope toward the street, including grassplot.

F. Handicap Ramps

1. Placement to be determined by inspector.
 - a. On all radii at new installation of sidewalk or curb.
 - b. On all radii where repairing sidewalk, curb, or driveway aprons.
2. Specifications
 - a. At least 3' wide flat ramp area, preferably 4' to accommodate wheelchair.
 - b. Standard curb depth.
 - c. 4" depth on ramp area.
 - d. Ramp slope should be 1:12 or as gradual as possible.
 - e. Slope of flared sides shall be 1:10 or have a minimum length of 2'.
 - f. Maximum lip of curb shall be 1/2".

H. Stabilization

1. At the end of radius
 - a. 2 reinforcement bars 1/2" x 24" embedded 3 and 9 inches below the top of the curb, extending 12 inches on each side of the joint.
2. Shade Tree Commission Specifications for replacing sidewalk around trees in the grassplot:
 - a. Sidewalk may be reduced in width at tree to better accommodate roots.
 - b. 1/2" x 12" steel dowel each 12" center to center shall be embedded in the concrete extending 6" on each side of the expansion joints of the changed section bedded on 4" of concrete end of the bar shall be coated in with grease and enclosed in a copper tube at least one-half (1/2) inch longer than the bar.
 - c. 6" x 6" 10/10 welded wire fabric shall be embedded in a minimum of 2 1/2" of concrete throughout the changed sidewalk sections.
 - d. At each interior joint in the changed section a 1 1/2" deep control joint shall be installed at least every 5 feet.

NOTE: Area of replacement must be ten(10) feet from center of the tree in both directions and must tie into existing sidewalk on that property. (this ten foot in either direction maybe adjusted at the discretion of the sidewalk inspector)