

CITY OF HAMPTON
SIDEWALK REMOVAL, RECONSTRUCTION AND/OR INSTALLATION
PERMIT

I agree to remove, reconstruction, and/or install sidewalk at _____, Hampton, Iowa, in compliance with the requirements set forth below and with all other Ordinances and requirements of the City of Hampton for such work. Additionally, I agree to notify the City of Hampton for an inspection at least one business day prior to concrete being poured.

Signed _____ Phone No. _____ Date _____

136.08 SIDEWALK STANDARDS. Sidewalks repaired, replaced or constructed under the provisions of this Chapter shall be of the following construction and meet the following standards:

1. Cement. Portland cement shall be the only cement used in the construction and repair of sidewalks.
2. Construction. Sidewalks shall be of one-course construction.
3. Sidewalk Base. Concrete may be placed directly on compact and well-drained soil. Where soil is not well drained, a three (3) inch sub-base of compact, clean, coarse gravel or sand shall be laid. The adequacy of the soil drainage is to be determined by the City.
4. Sidewalk Bed. The sidewalk bed shall be so graded that the constructed sidewalk will be at established grade.
5. Length, Width and Depth. Length, width and depth requirements are as follows:
 - A. Residential sidewalks shall be at least four (4) feet wide and four (4) inches thick, and each section shall be no more than four (4) feet in length.
 - B. All sidewalks throughout the Business District shall be constructed from lot line to the curb line unless the location of the sidewalk is varied by an appropriate resolution of the Council upon application by the landowner. Specifications for Business District sidewalk construction are:
 - (1) Sub-grade to be three (3) to four (4) inches of good granular fill.
 - (2) Sub-grade to be packed with mechanical plate packer or other approved method in order to achieve 95% proctor.
 - (3) Water curb box (shutoff) to be inspected by Water Department personnel to determine condition of the box.
 - (4) One-half-inch by five-inch (1/2" x 5") expansion joint to be placed at back of curb and where sidewalk meets building.
 - (5) Drill 5/8-inch hole twelve (12) inches deep and thirty (30) inches apart into existing sidewalks and at all construction joints, place #4 re-bar in hole twenty-four (24) inches long.
 - (6) Sidewalks to be five (5) inches thick with #4 re-bar twenty-four (24) inches on center both ways, strength of concrete to be no less than 3500 P.S.I. Re-bar to be supported on re-bar chairs or the same in order to place re-bar in the center of the slab.
 - (7) Need to achieve drainage of runoff water over curb to gutter line.
 - (8) Concrete to be struck off with straight edge so finished product has tolerance of deflection no more or less than one-fourth inch (1/4") in ten (10) feet of width or length.
 - (9) Finishing process: After striking off, float concrete, edge all edges with 3/8-inch radius edger except at building. Broom finish as not to expose aggregate.
 - (10) Saw Cuts: Cuts to be 1/4-inch wide, 1/3 depth of the slab. (Example: Five-inch slab would be 1 3/4-inch deep saw cut.) Sawing sequence to be approximately 4- to 5-foot squares or what fits width of sidewalk.
 - (11) Place roping in saw cuts and caulk with approved concrete caulk.
 - C. Driveways, sidewalks crossing driveways, crossings or alley areas shall be no less than six (6) inches in thickness.
6. Location. Residential sidewalks shall be located with the inner edge (edge nearest the abutting private property) on the property line, unless the Council establishes a different distance due to special circumstances.
7. Grade. Curb tops shall be on level with the centerline of the street which shall be the established grade.
8. Elevations. The street edge of a sidewalk shall be at an elevation even with the curb at the curb or not less than one-half (1/2) inch above the curb for each foot between the curb and the sidewalk.
9. Slope. All sidewalks shall slope one-quarter (1/4) inch per foot toward the curb.
10. Finish. All sidewalks shall be finished with a "broom" finish.
11. Ramps for Persons with Disabilities. There shall be not less than two (2) curb cuts or ramps per lineal block which shall be located on or near the crosswalks at intersections. Each curb cut or ramp newly installed shall conform to the following:
 - A. The maximum slope of a ramp shall be 1:12. The maximum rise for any run shall be 30 inches. Curb ramps on existing sites may have a slope between 1:10 and 1:12 for a maximum rise of six (6) inches and a slope between 1:8 and 1:10 for a maximum rise of three (3) inches.

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- B. Transitions from ramps to walks, gutters, or streets shall be flush and free of abrupt changes. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20.
- C. Each curb cut or ramp shall be at least forty-eight (48) inches wide. The minimum width exclusive of flared sides shall be thirty-six (36) inches.
- D. If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10. Curb ramps with returned curbs (i.e. no flare) may be used where pedestrians would not normally walk across the ramp.
- E. Built-up curb ramps shall be located so that they do not project into vehicular traffic lanes.
- F. A curb ramp shall have a detectable warning that extends the width and depth of the curb ramp. The detectable warning shall consist of raised truncated domes with a diameter of nominal 0.2 inches and a center-to-center spacing of nominal 2.35 inches and shall contrast visually with adjoining surfaces, either light-on-dark, or dark-on-light. The material used to provide contrast shall be an integral part of the walking surface.
- G. Curb ramps shall be located or protected to prevent their obstruction by parked vehicles.
- H. If corner type (i.e. diagonal) curb ramps have returned curbs or other well-defined edges, such edges shall be parallel to the direction of pedestrian flow. Corner type curb ramps shall have 48 inches of clear space at the bottom of the ramp to the cross-walk marking lines. If corner type curb ramps have flared sides, they shall also have at least a 24 inch segment of straight curb located on each side of the curb ramp and within the marked crossing.

(Code of Iowa, Sec. 216C.9)

136.09 BARRICADES AND WARNING LIGHTS. Where any material of any kind is deposited on any street, avenue, highway, passageway or alley when sidewalk improvements are being made or when any sidewalk is in a dangerous condition, it shall be the duty of all persons having an interest therein, either as the contractor or the owner, agent, or lessee of the property in front of or along which such material may be deposited, or such dangerous condition exists, to put in conspicuous places at each end of such sidewalk and at each of any pile of material deposited in the street, a sufficient number of approved warning lights or flares, and to keep them lighted during the entire night and to erect sufficient barricades both at night and in the daytime to secure the same. The party or parties using the street for any of the purposed specified in this chapter shall be liable for all injuries or damage to persons or property arising from any wrongful act or negligence of the party or parties, or their agents or employees or for any misuse of the privileges conferred by this chapter or of any failure to comply with provisions hereof.

136.10 FAILURE TO REPAIR OR BARRICADE. It is the duty of the owner of the property abutting the sidewalk, or the owner's contractor or agent, to notify the City immediately in the event of failure or inability to make necessary sidewalk improvements or to install or erect necessary barricades as required by this chapter.

136.11 INTERFERENCE WITH SIDEWALK IMPROVEMENTS. No person shall knowingly or willfully drive any vehicle upon any portion of any sidewalk or approach thereto while in the process of being improved or upon any portion of any completed sidewalk or approach thereto, or shall remove or destroy any part or all of any sidewalk or approach thereto, or shall remove, destroy, mar or deface any sidewalk at any time or destroy, mar, remove or deface any notice provided by this chapter.

136.12 ENCROACHING STEPS. It is unlawful for a person to erect or maintain any stairs or steps to any building upon any part of any sidewalk without permission by resolution of the Council.

136.13 OPENINGS AND ENCLOSURES. It is unlawful for a person to:

1. Stairs and Railings. Construct or build a stairway or passageway to any cellar or basement by occupying any part of the sidewalk, or to enclose any portion of a sidewalk with a railing without permission by resolution of the Council.
2. Openings. Keep open any cellar door, grating or cover to any vault on any sidewalk except while in actual use with adequate guards to protect the public.
3. Protect Openings. Neglect to properly protect or barricade all openings on or within six (6) feet of any sidewalk.