

CITY OF CEDAR RAPIDS INFORMATION FOR BUILDERS: PUBLIC SIDEWALKS & ROW

Please review and use for construction of public sidewalks and driveways on City Public Right-of-Way (ROW). Please remember to contact the City before beginning any sidewalk construction. This information applies for residential, commercial, or industrial zoning where sidewalk is required. It should be noted: **All concrete shall be IDOT C or M-Mix, and shall have a white or clear surface cure application. Also per City specifications, all concrete and sidewalks shall be consolidated.** Please see our **CITY OF CEDAR RAPIDS METROPOLITAN AREA STANDARD DETAILS** here:

<http://www.cedar-rapids.org/government/departments/public-works/engineering/publicimprovementdocs/details/Pages/02700PCCPavement.aspx>

Completed "APPLICATION FOR EXCAVATIONS IN PUBLIC RIGHT-OF-WAY PERMIT"

_____ Yes or _____ No

If no, please contact City of Cedar Rapids Public Works Department for copy of Application. Please see the following link for more information:

<http://www.cedar-rapids.org/government/departments/public-works/engineering/publicimprovementdocs/Pages/WorkingintheCityRight-of-WayandPublicProperty.aspx>

Is sidewalk at an intersection of Two Streets or Sidewalks?

_____ Yes or _____ No

If yes, please contact City of Cedar Rapids Public Works Department in determining number and orientation of sidewalk ramps that will be required for compliance.

Review for Public Sidewalks and Driveways (New and Existing):

_____ The back of sidewalk is required to be constructed at 2' from the property line (typical).

_____ Sidewalks in residential areas are required to be minimum 4" thick and minimum 5" thick through drives.

_____ Sidewalks in residential areas are required to be minimum 5' wide.

_____ All sidewalks are required to have less than 2% cross-slope and must drain (leave sod below concrete).

_____ All sidewalks are required to have no vertical edges greater than 1/4".

_____ All sidewalks are required to have no horizontal separations greater than 1/2".

_____ All sidewalks are required to have no holes or depressions greater than 1/2".

_____ Sidewalks are not allowed to hold or pond water; grading in the Public Right-of-Way should slope away from the sidewalk and generally towards the street.

_____ 1/2" expansion material is required on the property side **and** the street side of the sidewalk through the driveway to separate the sidewalk through the driveway from the driveway. 1/2" expansion material is also required on each side of the driveway when sidewalk through driveway is constructed separate from the adjoining sidewalk.

_____ 1/2" expansion material is required at property lines and each 75 foot increment along length of sidewalk.

_____ *For the driveway approach, 1" expansion material is required at the Back Of Curb (B.O.C) and that expansion material shall be sealed from surface water intrusion.*

_____ **All expansion material shall be bituminous hard-board type or foam. If foam is used, it shall be sealed.**

Review for Public Sidewalks Ramps (New or Existing):

_____ All parts of sidewalk ramps are required to have less than 1 in 12 (8.33%) longitudinal slope (6.25% target).

_____ All sidewalk ramps are required to have a curb lip (measured from the back-of-curb to gutter) of less than 1/2". **Existing streets are often not constructed properly, and need to be adjusted to meet these criteria.**

_____ Sidewalk ramps shall have an approved detectable warning panel at least 2' long. Also, this detectable warning panel shall extend in the perpendicular direction of the sidewalk a distance equal to the width of the sidewalk. The panel shall touch the back of the curb in at least 1 area, and the domes should be orientated in the direction of travel.

_____ Cross-slopes of sidewalk ramps and entire Turning Spaces are required to be less than 2% (1.5% target).

_____ **All expansion is required to be bituminous hard-board type or foam. If foam is used, it shall be sealed.**

_____ Turning spaces and ramps are required to be 6 inches thick or greater. **Please note concrete 6" or thicker requires use of mechanical vibration.** See City of Cedar Rapids details 2700-201. These can be found at:

http://www.cedar-rapids.org/Public%20Works/Standards-Specs-DesignDetails/2700-201%20General%20Sidewalk%20and%20Curb%20Ramp%20Details_updated%20Aug%202016.pdf

If you have any questions contact the Public Works Department at:

City Services Center, 500 15th Avenue SW, Cedar Rapids, IA 52404

Phone: (319) 286-5802 | Email: sidewalks@cedar-rapids.org