

## **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.

**All concrete shall be IDOT C or M-Mix, and shall have a white or clear surface cure application.**

**Per SUDAS\* specifications, all concrete and sidewalks shall be consolidated.**

### **Does builder have an approved "APPLICATION FOR EXCAVATIONS IN PUBLIC RIGHT-OF-WAY PERMIT"?**

\_\_\_\_\_ YES or \_\_\_\_\_ NO

*If No, please contact City of Cedar Rapids Public Works Department for information on how to obtain permit.*

### **Is sidewalk at an intersection of Two Streets or Sidewalks?**

\_\_\_\_\_ YES \_\_\_ NO

*If yes, please contact City of Cedar Rapids Public Works Department to determine number and orientation of 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 6" thick through driveways.
- \_\_\_\_\_ New sidewalks in residential areas are required to be minimum 5' wide (match existing for repair). Sidewalks shall be considered new any time the entire length will be removed and replaced.
- \_\_\_\_\_ All sidewalks are required to have less than 2% cross-slope.
- \_\_\_\_\_ Sidewalks are required to have no vertical edges greater than 1/4"
- \_\_\_\_\_ Sidewalks are required to be free of cracks or surface blemishes.
- \_\_\_\_\_ 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 all 4 sides of the sidewalk through the driveway. See CR SUDAS 7030.999.101 through 7030.999.102.
- \_\_\_\_\_ 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 and shall be approved IDOT material (IM 411). 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. Please see specs and figures for sidewalks and ramps in section 7030 of SUDAS and CR's GENERAL SUPPLEMENTS TO SUDAS (linked above).
- \_\_\_\_\_ Complies with current Americans with Disabilities (ADA) standards.

\*SUDAS Specifications available at:

[https://www.cedar-rapids.org/local\\_government/departments\\_g\\_v/public\\_works/sudas\\_statewide\\_urban\\_design\\_and\\_specifications.php](https://www.cedar-rapids.org/local_government/departments_g_v/public_works/sudas_statewide_urban_design_and_specifications.php)