



**TWO  
RIVERS**  
WISCONSIN

**PUBLIC WORKS**

**Engineering Division**

1717 E. Park Street

P.O. BOX 87

Two Rivers, WI 54241-0087



The City of Two Rivers has established standards for the construction of public sidewalks on public street right-of-way. If a sketch titled "Sidewalk Details" is included with this letter, use that sketch. The sketch explains how to measure from an existing curb to locate your sidewalk. If curb doesn't exist, grade stakes are placed by this office and indicate the location and height of the sidewalk as follows:

- The near edge of the walk is to be 20 inches from the line of these stakes.
- The grade as marked indicates how far below or above the top of the stake the finished surface of the walk is to be placed. The letter "C" means cut or below and "F" means fill or above the top of the stake.

The City will construct curb ramps and sidewalk corner sections. Please notify this office when the adjacent sidewalk is completed.

The construction specifications for the sidewalk are:

1. Width shall be 5 feet 4 inches.
2. Thickness shall be 4 inches. Thickness in driveway sections of sidewalk shall be 6 inches.
3. The sidewalk shall be pitched down towards the street 1-1/4 inches across the width (1/4 inch per foot).
4. Where tree roots have caused damage to sidewalk, roots must be removed before placing of new sidewalk. **SEE ATTACHED INFORMATION REGARDING REMOVAL OF TREE ROOTS.**
5. The sub-base under the concrete shall consist of a minimum of 2-inch granular base (sand or gravel) which has been compacted and moistened prior to placement of the concrete.
6. Ready-mix Portland Cement air-entrained concrete is to be used. It shall meet the requirements of State of Wisconsin Department of Transportation Grade A concrete. The coarse aggregate shall conform entirely to Size No. 1.
7. Dummy groove joints are to be placed at 5-foot intervals as contraction joints. The joints shall be at least 1 inch deep.



[www.two-rivers.org](http://www.two-rivers.org)



920.793.5539



920.793.5537



8. When making sidewalk repairs, felt joints (2-inch asphaltic expansion material) are required at driveways and ramps as shown on the attached drawing, and where other sidewalk sections such as carriage walks meet. For new sidewalk installations, felt joints are required at driveways, ramps, and carriage walks. Felt joints are also required every 50 feet.
9. Before the mortar has set, the surface of the new sidewalk shall be brushed or lightly broomed.
10. As soon as the concrete has set sufficiently, it shall be covered with plastic, burlap, or approved curing compound to allow the concrete to cure instead of drying out. This will prevent the surface from spalling. The concrete shall remain covered for 3 days.
11. In the case where a sidewalk is installed or repaired and does not meet City of Two Rivers specifications, the City will order the work to be redone and costs shall be assessed against the property as per Section 4-1-4(c)(2) of the City of Two Rivers Code of Ordinances.

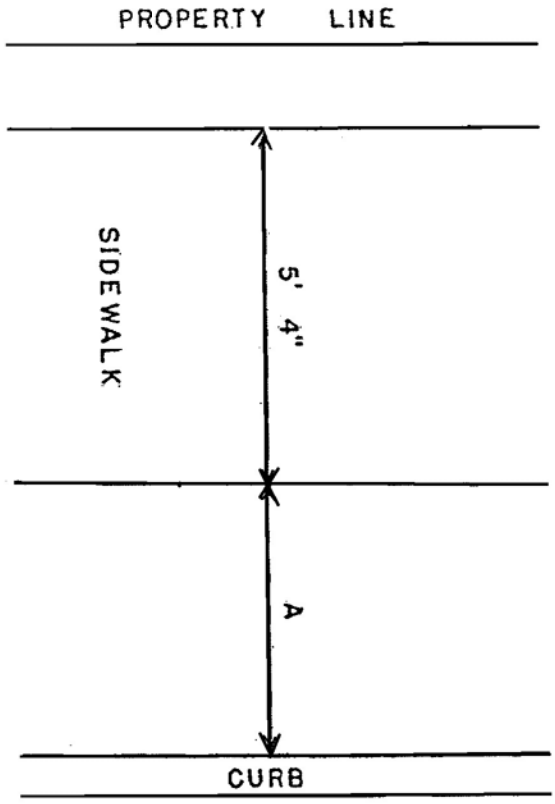
After 7 days, concrete should achieve enough strength to be opened to most traffic.

If you have any questions, please call the Engineering Office at 793-5539.

City of Two Rivers  
James J. Mc Donald, P.E.  
City Engineer / Director of Public Works

## **SPECIFICATIONS FOR CONCRETE WALKS AND DRIVE APPROACHES**

**TREE ROOTS:** Tree roots that have raised a sidewalk slab to be replaced shall be cut by the Contractor/Homeowner at six (6) inches outside of the sidewalk area, using a root cutting machine. Cuts shall be made perpendicular to the length of root and shall be done in a manner so as not to splinter the wood. Cutting depth is not to exceed nine (9) inches from the proposed sidewalk surface. All roots within two inches of the bottom of the proposed sidewalk must be removed. The Contractor/Homeowner shall make every effort to safeguard and preserve all trees and tree roots.



TABLE

PAVEMENT	ROW	A	B
30	60	7' 6"	2"
32	60	6' 6"	1-3/4"
36	60	4' 6"	1-1/4"
36	66	7' 6"	2"
40	66	5' 6"	1-1/2"
44	66	3' 6"	1"

NOTE: 45th Street and north of 45th Street  
 Increase "A" by 1' and "B" by 1/4"



SIDEWALK DETAILS  
 CITY OF TWO RIVERS

**Driveway Width to Be Approved By City Engineer**

