



CITY OF COLUMBUS

105 N. DICKASON BOULEVARD * COLUMBUS, WISCONSIN 53925-1565
920.623.5900 * FAX 920.623.5901 www.cityofcolumbuswi.com

APPLICATION FOR PERMIT: SIDEWALK CONSTRUCTION

Applications will not be processed unless all required information for the specific application type is submitted and applicable fees are paid. **No partial applications will be accepted and final acceptance will be determined by City Staff.**

Sec. 86.33 of the Columbus municipal code provides that no person shall construct or repair any sidewalk within the City of Columbus unless the person has obtained a permit.

_____ **New Construction** _____ **Replacement** _____ **Exception**
_____ **Consent to Defer**

APPLICATION FEE PAYABLE WITH APPLICATION: \$25.00.

Applicant information:

Name: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: (H) _____ (C) _____

Fax: _____ Email: _____

Property Owner information (if different from Applicant):

Name: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: (H) _____ (C) _____

Fax: _____ Email: _____

Contractor involved with project:

Name: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ (C) _____

Fax: _____ Email: _____

City of Columbus

Department of Public Works
229 E. School Street
Columbus WI 53925

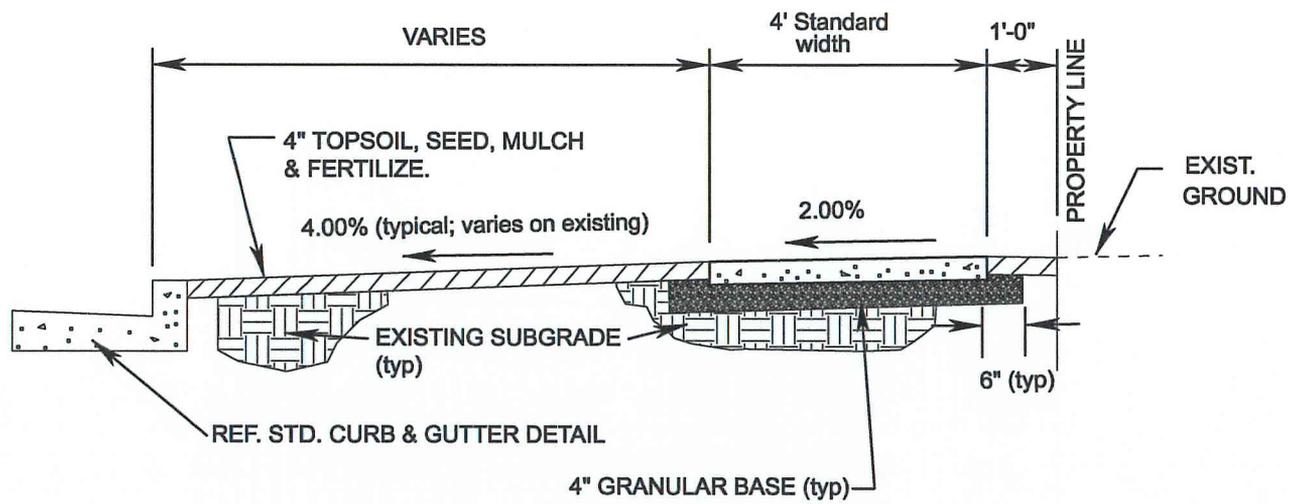
Sidewalk construction standard specifications

A permit must be obtained and completed from the City of Columbus prior to any work beginning.

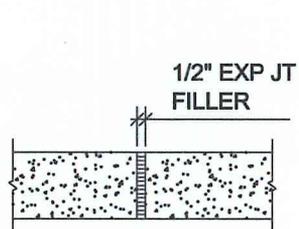
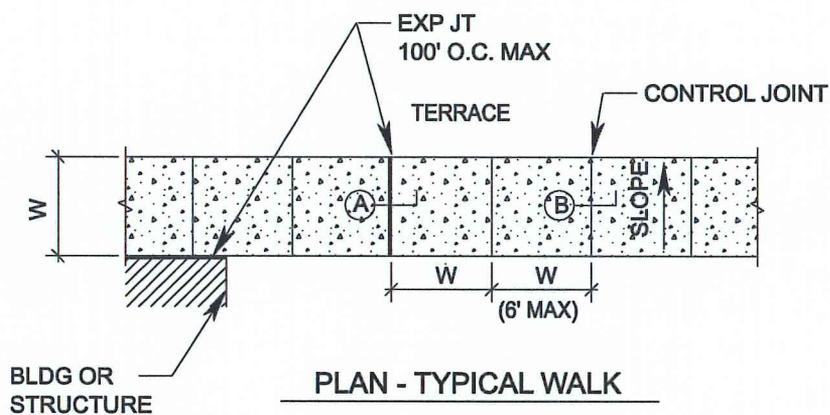
The below standards and specifications are the minimum requirements for installation of sidewalk within the City of Columbus

1. **Minimum Concrete Strength** – 3,000 PSI after 28 days
2. **Sidewalk Width** – Shall match existing sidewalk on adjacent property. If sidewalk varies on adjacent properties maintain 4 foot minimum width and transition to larger existing width. Standard width shall be designated as 4 feet as a minimum.
3. **Sidewalk Slope** – shall not exceed 1 foot in 12 feet; comply with all requirements of American Disabilities Act (ADA).
4. **Standard Sidewalk Thickness** – 4" thick
5. **Standard Sidewalk Thickness across driveway openings** – 6" thick; in commercial or industrial areas DPW may determine required use of 6" x 6" x 10" wire mesh.
6. **Subgrade** – compact and grade in accordance with the detail prior to aggregate based
7. **Aggregate Base** – $\frac{3}{4}$ crushed aggregate based course, 4 inches thick under sidewalk; 6" thick under commercial or industrial driveways where 6" thick concrete sidewalk is required.
8. **Finish** – smooth; lightly broomed
9. **Curing** – Curing compound is required and should be applied immediately after pouring. If weather is below freezing, colder weather protection is required. Concrete should be covered to prevent rain damage if not adequately cured. No concrete will be accepted if rained on prior to initial cure.
10. **Joints** – install expansion joints at the start of new construction or a minimum of on a minimum of one edge of replacement, in no case should a distance exceed 100 feet between expansion joints. Contraction joints shall be placed a no more than 6 feet apart.
11. **Sealant** – High grade sealant applied to prevent salt damage
12. **Sidewalk Ramps** – ramp slopes shall be constructed to meet the requirements of ADA, truncated domes should be installed as specified by the City of Columbus

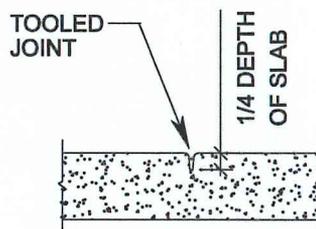
All other specifications shall be in compliance with State of Wisconsin WisDOT standard specifications for highway and structure construction, latest addition. Notify the department of public works prior to pouring concrete and after completion for inspection. Any areas of non compliance must be corrected immediately as directed by the City of Columbus.



4" THICK CONCRETE SIDEWALK
 (6" THICK CONCRETE AT DRIVEWAYS)



A - EXPANSION JOINT

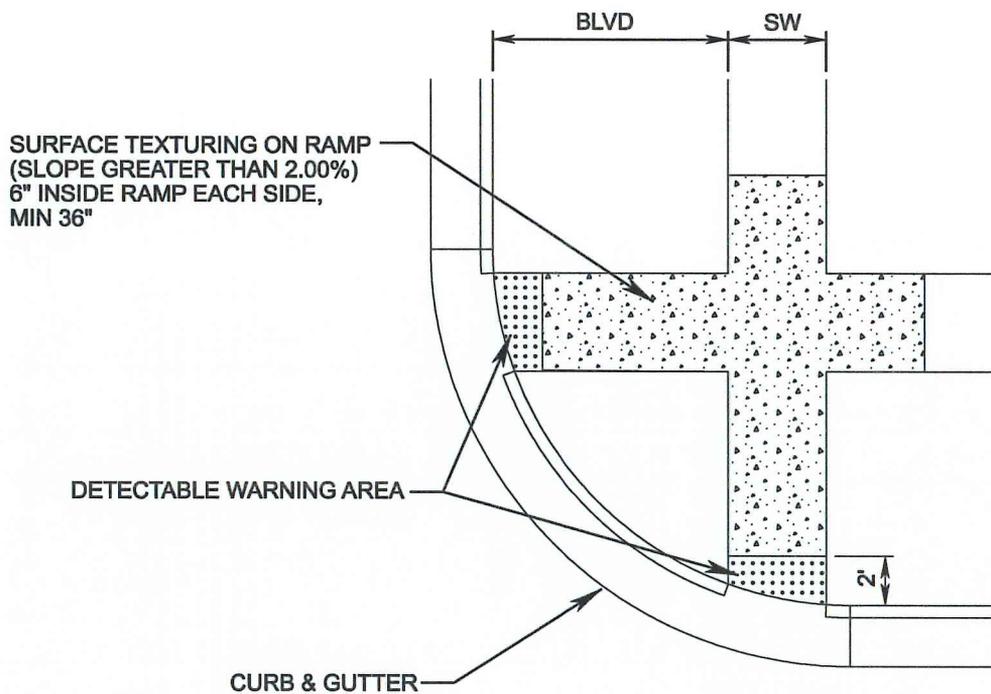


B - CONTROL JOINT

CITY OF COLUMBUS
 STANDARD DETAILS

FIGURE 1
 SIDEWALK / TERRACE
 STANDARD
 CROSS SECTION

REVISED 03/08/11



SURFACE TEXTURING ON RAMP
(SLOPE GREATER THAN 2.00%)
6" INSIDE RAMP EACH SIDE,
MIN 36"

DETECTABLE WARNING AREA

CURB & GUTTER

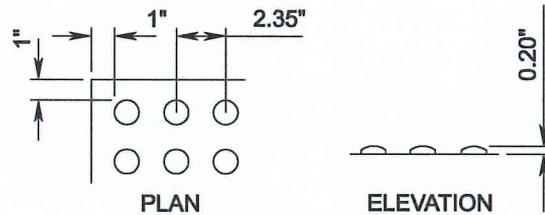
NOTES:

-RAMPS SHALL BE BUILT AT 12H:1V OR FLATTER. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP. (WILL BE NECESSARY IF BOULEVARD IS LESS THAN 6' WIDE)

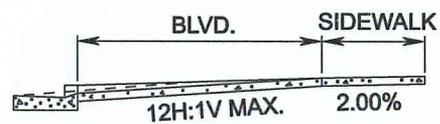
-SURFACE TEXTURE OF THE RAMP, OUTSIDE OF THE DETECTABLE WARNING PATTERN, SHALL BE OBTAINED BY COURSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

-DETECTABLE WARNING PATTERN SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

-WARNING FIELDS SHALL BE METAL INSERTS UNLESS OTHERWISE APPROVED BY THE CITY.



**DETECTABLE WARNING PATTERN
(RAISED TRUNCATED DOMES)**



SECTION

**CITY OF COLUMBUS
STANDARD DETAILS**

**FIGURE 2
SIDEWALK RAMP
STANDARD**

REVISED 03/08/11