



**City of Colleyville
Engineering Design Standards for Sidewalks**

- A. Permit Required** – No person shall construct, reconstruct, alter, repair, remove or replace any sidewalk or pathway on any public property within the City Limits without first obtaining a permit from the building permit office, unless the sidewalk or pathway is included on the construction plans of an existing approved permit.
- B. Maintenance Bond** – No such permit shall be approved until proof of bonding coverage has been submitted to the City and a two (2) year maintenance bond in the amount of 10% of the total cost of construction covering the sidewalk or pathway is in full force and effect at the time of the permit approval. Such bond shall not be valid unless persons doing the work are covered by the bond. Such bond may cover other work done by the applicant. The Director of Public Works may waive the maintenance bond requirement for repair to an existing sidewalk or pathway.
- C. Inspection Required** – All work done in construction, reconstruction, alteration, repair, or removal or replacement of sidewalks or pathways shall be inspected by the city inspector to assure compliance with these regulations. When other public improvements are required, final acceptance of all other improvements shall not be made until sidewalks or pathways are approved.
- D. Minimum Sidewalk or Pathway Width** – All sidewalks shall be a minimum of four (4') feet in width, except a sidewalk located within or abutting a collector street, or larger, as shown on the Master Thoroughfare Plan, which shall not be less than five (5) feet in width. All sidewalks and pathways shall be constructed in the area between the curb or grade line of the public street and the abutting property line unless the pathway is situated within a dedicated pathway easement or right-of-way. The edge of the sidewalk or pathway shall generally be parallel with the curb line and be situated no more than one (1') foot from the abutting property line. The Director of Public Works may approve a plan to alter the location of a sidewalk to preserve a tree or for aesthetic purposes. One additional foot of width shall be added to a sidewalk that abuts a street curb. The widths of all sidewalks and pathways shall be in accordance with the following table, which are further referenced in *Chapter 15 – Public Works Construction Details*.

Sidewalk & Pathway Widths	
Classification	Minimum Width
Type "A"	4.0 ft.
Type "B"	5.0 ft.
Type "C"	8.0 ft.
Type "D"	10.0 ft.
Type "E"	12.5 ft.

- E. Construction Materials** – Sidewalks shall be constructed of portland cement concrete (minimum thickness four (4") inches). Pathway system sidewalks shall be a minimum thickness of five (5") inches. Concrete for sidewalks and pathways shall be Class "A" and consist of five (5) sacks (minimum) of portland cement for each cubic yard of concrete mix and have a seven (7) day flexural strength of 500 pounds per square inch (500 p.s.i.) and twenty-eight (28) day compressive strength of 3,000 pounds per square inch (3,000 p.s.i.). Reinforcement shall be in accordance with the construction detail contained in *Chapter 15 – Public Works Construction Details*. In such cases, reinforcements shall be #3 steel deformed reinforcing bars on eighteen (18") centers.



F. Architectural Barriers Act – All sidewalk/street intersections shall be constructed so as to provide a ramp that complies with the Architectural Barriers Act. Barrier free ramps shall be provided for access to the street. The following specifications shall apply:

1. Ramp to be minimum four (4') feet in width.
2. Ramp to be constructed with Class "A" concrete.
3. Ramp concrete thickness shall be the same as the street (six (6") inch normal residential).
4. #3 bars shall be used for reinforcement (twenty-four (24") inch on centers).
5. Curb return shall match existing curb height of the street and taper to the connecting walk with a 1-foot radius.
6. Street shall be blocked out (max. twelve (12") inches) and dowels installed.
7. Saw joints shall be made one and a half (1 1/2") inch minimum depth and sealed with silicone joint sealant material.
8. Sub-grade shall be prepared to a minimum depth of six (6") inches.
9. At no time shall the walk running parallel to the street be altered.
10. Surface of walk shall be coarse and ribbed to provide extra traction (see detail P-8, contact the Engineering Department).

Where the above specifications do not apply or have jurisdiction, refer to the specifications from the American Disabilities Act.

The follow phone numbers are provided to enhance communications between the Engineering Department and our development community:

Inspection Request Line (recorder: Building Inspection Department): 817-503-1030
Cut-off time for phone requests: 7:00 AM (day requesting inspection)

- Engineering Department Main Number:.....817-503-1090**
- Kathy Moore, Office Assistant:.....817-503-1091**
- Russell Bruce, Project Inspector:.....817-503-1103**
- Steven Cherry, Project Inspector:.....817-503-1101**
- Keith Dovers, Project Inspector:.....817-503-1102**
- Troy Gray, Engineering Tech/ROW:.....817-503-1097**
- Jeremy Hutt, Engineer:.....817-503-1094**
- Chad Bartee, Sr. Engineer:.....817-503-1095**
- Steve Chutchian, Public Works Director:.....817-503-1096**

Your assigned project inspector is your first means of communication to receive direction and inspections in the field. Your second means of communication is Chad Bartee, Senior Engineer. Your final means of communication, if necessary, is Steve Chutchian, Director of Public Works.