

Sidewalk Specifications for Van Buren, Arkansas

**All work shall be performed in conformance with the latest American Concrete Institute specifications, the latest Arkansas Fire Prevention Code, and with the attached City of Van Buren sidewalk standard drawings and standard cross-sections.*

1. Concrete: Shall be Portland, having a compression strength of 3,500 lbs. per square inch in 28 days and 3-6% air entrained. No additional water may be added at the job site. An admixture may be added to improve the workability.
2. Depth: Not less than four (4) inches thick.
3. Width: Sidewalk shall be a minimum of five (5) feet in width and shall be built inside the city right-of-way. Greenspace shall be within the remaining area between defined sidewalk and curb.
4. Sub-grade: Sub-soil shall be compacted to 95% standard proctor density or per the approval of the city building inspector. A density test shall be taken at a frequency no less than one (1) per lot or one (1) every eighty (80) linear feet, whichever is greater.
5. Forming: All forms shall be set vertical, with enough support as not to bulge. Forms and sub-grade shall be thoroughly wetted before placing concrete. Expansion joints shall be ½ inch in width of a rubberized compound the entire depth of the concrete separating each section of sidewalk. Each section of sidewalk shall not exceed 55 feet in length. Control joints shall be cut to a depth of ¼ the thickness of the concrete. Control joints must be cut using a tool with a minimum of a 1-inch blade. Control joints must be cut during placement and finishing.
6. Finish: A wooden float will be used to level the concrete. It shall be trowelled smooth, with a light broom finish, broomed perpendicular to the walk to produce a faintly scored surface. All edges shall be edged with an edging tool.
7. Curing: All concrete shall be wet cured for a minimum of three (3) days, or use an approved curing compound.
8. Clean-Up: All excess dirt and construction materials shall be removed from the site. The street right-of-way shall be dressed, then sodded, or seeded with grass, as needed.

9. Inspections: Every section of sidewalk shall be inspected by the City Building Inspector or Street Department Superintendent before placing any concrete.
10. Deviations: Any deviation to the specification contained in this document shall be approved by the City of Van Buren Planning Department.
11. Time of Construction: Sidewalks for streets interior to a subdivision shall be completed:
- (a.) Before the issuance of building permits for eighty percent (80%) of the lots on the block.
12. Continuity: Sidewalks shall not be installed in such a manner that they conflict with or are obstructed by power lines, telephone poles, fire hydrants, traffic/street signs, mail boxes, trees, buildings, barriers, light poles, or any other structure. Where encroachment is necessary, the minimum unobstructed width of the sidewalk shall be at least four (4) feet. The grades of sidewalks shall be such that abrupt changes of grades greater than eight percent (8%) are not encountered. When there is an existing or anticipated obstruction, the sidewalk shall be installed around the object and shall provide the required sidewalk width.
13. Acceptance: Acceptance of the sidewalk section by the City shall be upon issuance of a certificate of occupancy for the structure or the lot where the sidewalk is installed. If multiple lots are purchased from the developer, by one party, but not built upon, sidewalk construction shall be built for each lot.