

**REQUIREMENTS AND RECOMMENDATIONS FOR
ACCESSIBILITY RAMPS
FOR SINGLE FAMILY RESIDENCES AND DUPLEXES***

APRIL 1998

1. If the ramp is to be attached to an existing building or to a porch which has footings, the ramp requires either footings or posts which extend 36" below grade, or a hinged connection where the ramp is connected to the building or porch. (Requirement - Springfield Ordinance 170.11.04)
2. Slope of ramp should be no greater than 1" in 12".
3. Ramp should be minimum 36" wide between handrails and all other obstructions.
4. Level landings should be provided at the bottom and top of each ramp run. See item #5 for sizes.
5. If a ramp changes direction, a 60" x 60" flat landing should be provided. All other landings should be minimum 60" long, and at least as wide as the ramp.
6. Handrails should be mounted between 34" and 38" above the surface of the ramp. Handrails should be round in shape, and should extend 12" horizontally beyond the bottom and top of the ramp.
7. Portions of ramp which occur at 30" or more above adjacent grade must have guards in addition to handrails. Guards must be minimum 36" high, with openings in the guards less than 4". (Requirement - CABO 315.3)
8. Ramp should have minimum 2" high curbs at edges, or the railings of the ramp should be constructed to extend to the base of the ramp to prevent people from slipping off the edge of the ramp.
9. Building permit is required, and application must include a drawing of the ramp, and a site plan showing the proposed location of the ramp on the property. (Requirement - CABO 111.1)

*All Requirements are based on the adopted Building Codes, and all Recommendations are based on the Illinois Accessibility Code. The Illinois Accessibility Code lists requirements for all commercial buildings, and should be used as a guide for single family residences and duplexes.