



**Figure 5.19** Intersection of streets detail.

**TABLE 5.13** Problems with Residential Streets

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Traffic accidents
Noise, vibration, pollution
Excessive traffic speed
Nonresident vehicle traffic
Diminished appearance
Maintenance
Reduction of social interaction in neighborhood
Increased storm water runoff

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**TABLE 5.14** Goals of Residential Street Design

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1. Provide safe access to residents, including pedestrians, children, and residents with physical restrictions.
  2. Reduce traffic speed and volume, and thereby reduce the number and the severity of accidents.
  3. Contribute as part of the overall design to the character, stability, social interaction, and esthetics of the neighborhood.
  4. Relate to the open-space, recreation, and social areas and activities of the neighborhood.
  5. Provide access for emergency and delivery vehicles.
  6. Provide a reasonable service life.
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SOURCE: Adapted from Institute of Transportation Engineers.

dential streets in contemporary developments is of garage doors with houses attached. Nevertheless, we have been learning a great deal about how streets work and how drivers behave. Although most ordinances still require the construction of streets that encourage higher speeds and impose greater risk to pedestrians, some communities are seeking alternatives. One factor being considered is that drivers are influenced by the design of the streets they travel