



System Design, Construction and Maintenance



Incentives and the competitive need to "raise the bar" in creating communities of excellence commonly stimulates the development community to exceed the norms of development standards.



- RCIP Vision

A well-planned, designed, constructed, and maintained street and highway system facilitates the movement of vehicles and provides safe and convenient access to surrounding developments. Riverside County's efforts to develop a system of local, collector, and arterial roadways provide the basis for a safe and efficient transportation system.

Figure C-1 shows the future streets and highways system at build-out in addition to functional classifications. The General Plan Environmental Impact Report (EIR) provides the corresponding listing of projected traffic volumes, number of travel lanes, and level of service for each street segment at buildout.

Maintenance of personal mobility, safety, convenience, and efficiency are all issues that must be considered when a system is created. Arterial roads need to be built with sufficient capacity to accommodate long-term traffic growth. A consistent and uniform highway network that meets the needs of current and future residents can be accomplished by implementing a functional classification system for major highways, with set minimum right-of-way and design standards, and by identifying needed roadway improvements.

Functional Classifications

Functional classification is the process by which streets and highways are grouped into classes, or systems, according to the type of service they are intended to provide. Fundamental to this process is the recognition that individual streets and highways do not serve travel independently in any major way. Rather, most travel involves movement through a network of roads.

Typical cross-sections for the different functional street classifications are shown in Figure C-3. Note, however, that these sections represent general guidelines; the official sections used for implementation will be those contained in the latest County of Riverside Improvement Standards.