



CORRIDOR ACCESS MANAGEMENT

WHAT IS THE COUNTERMEASURE?

Access management is a set of techniques that State and local governments use to control access to highways, major arterials, and other roadways. The benefits of access management include improved movement of traffic, reduced crashes, and fewer vehicle conflicts. Access management principles are applicable to roadways of all types, ranging from fully access-controlled facilities, such as freeways, to those with little or no access control, such as local streets. Successful access management, managed by change in access density, seeks to simultaneously enhance safety, preserve capacity, and provide for pedestrian and bicycle needs.

Per the Highway Safety Manual, areas where effective access management has been implemented have experienced:

- A 5-23 percent reduction in all crashes along two-lane rural highways, and
- A 25-31 percent reduction in severe (injury/fatal) crashes along urban/suburban arterials.

WHAT HAVE WE DONE SO FAR?

Access management starts at the local level planning stages. Each year the state highway system handles more and more vehicles and those same vehicles have to use the local system. To facilitate a smooth transition from one system to another system, access management is critical.

WHERE DO WE WANT TO GO? – SUCCESSFUL PRACTICES, LESSONS LEARNED, POINTERS FOR IMPLEMENTATION

The FHWA California Division will be working with Caltrans staff to ensure access management is considered as part of any Federally-funded highway project that involves new construction, reconstruction, major rehabilitation and roadway widening projects, especially facilities with moderate to heavy daily traffic volumes. Additional information can be found at <http://safety.fhwa.dot.gov/intersection/resources/fhwasa10002/>.

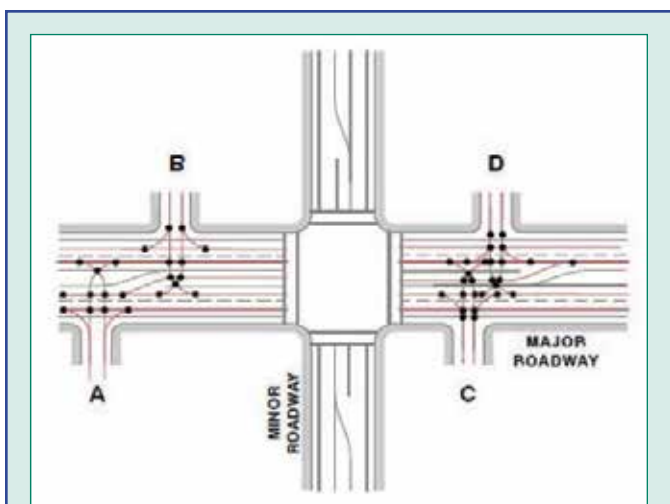


Figure 1. Typical access scenario at the intersection of two public roadways

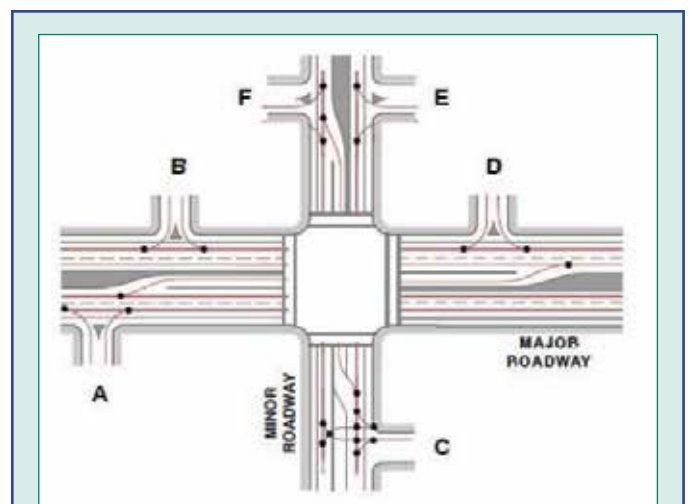


Figure 2. Desirable access scenario at the intersection of two public roadways