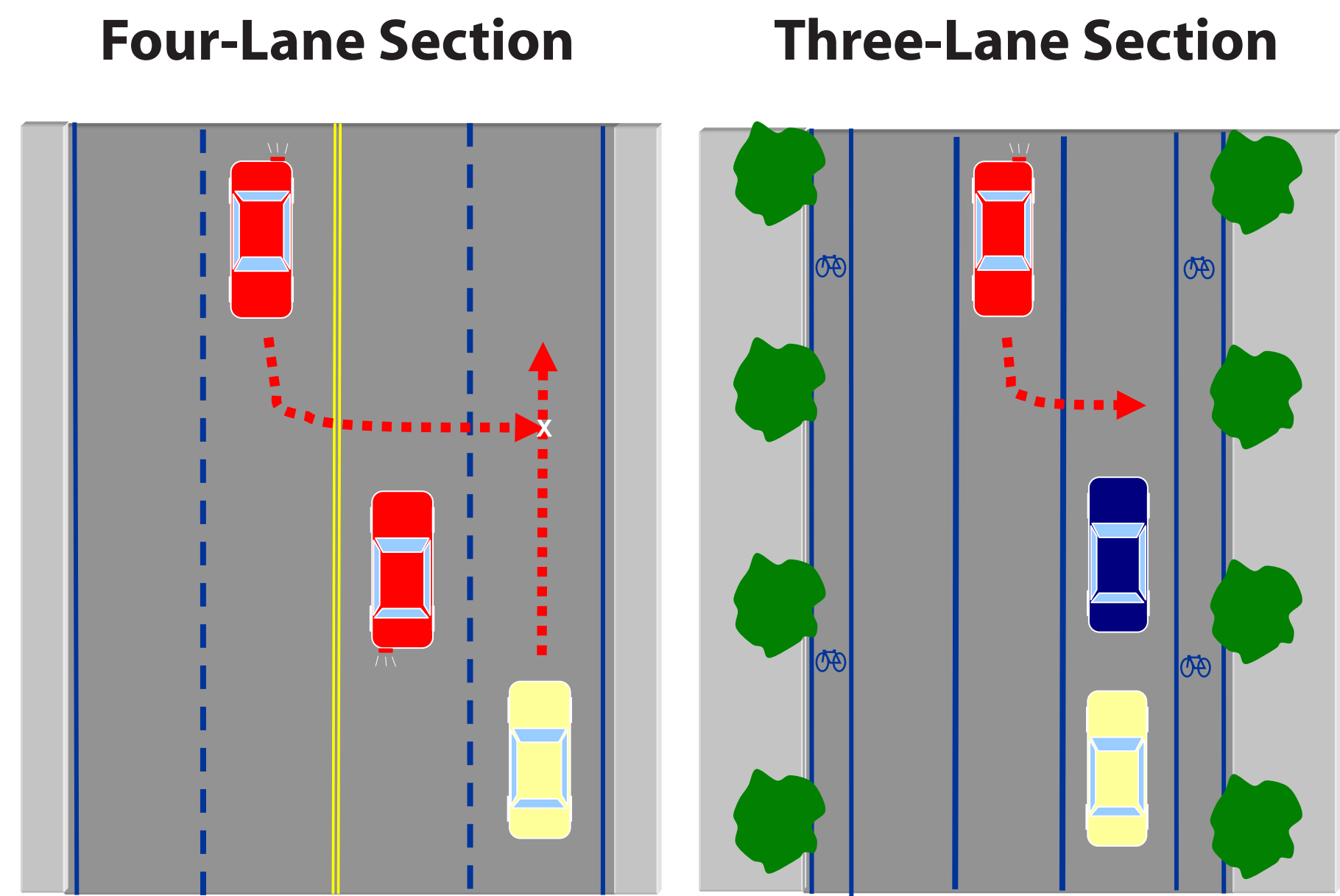


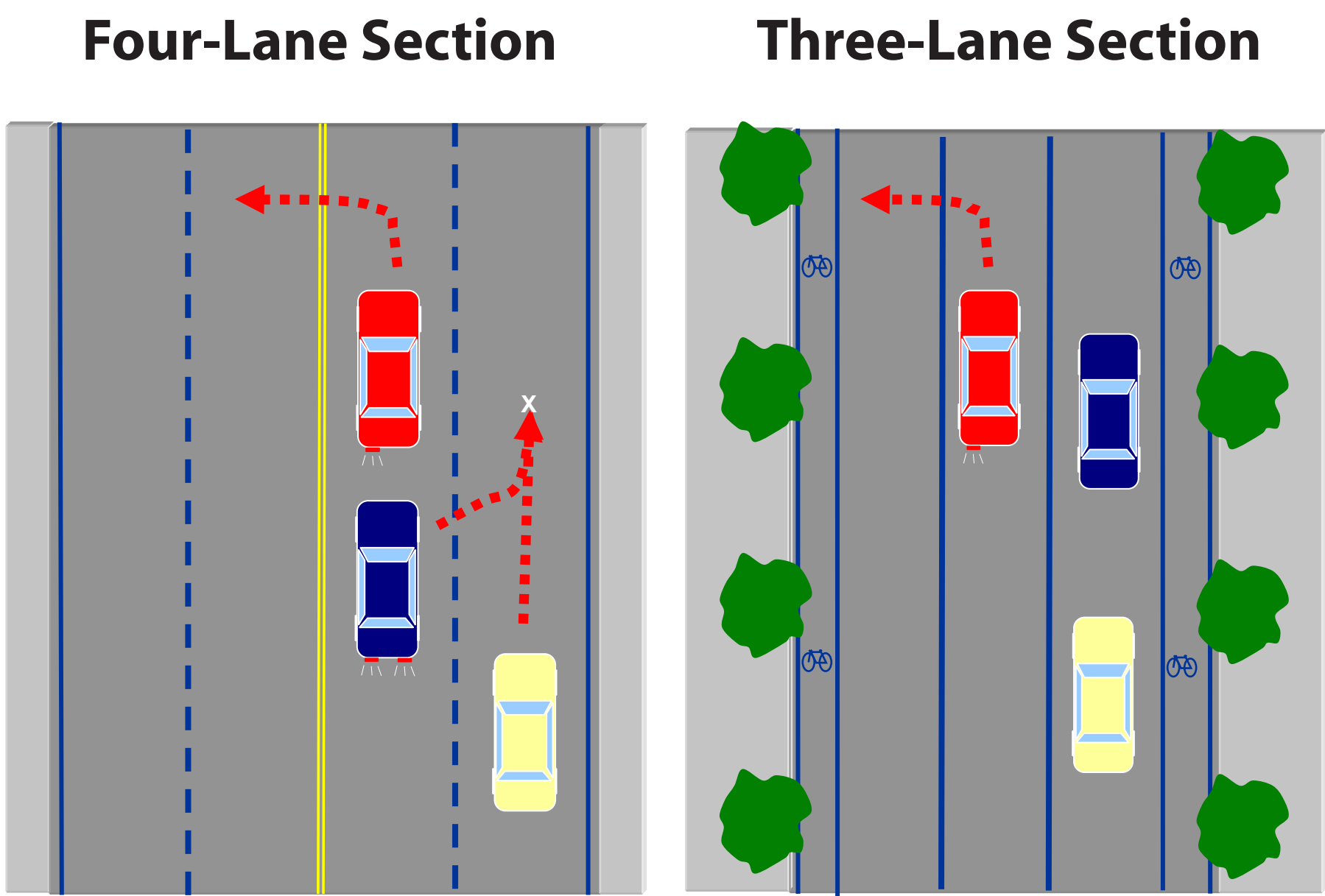
Angle/Head-on Collisions (45% of Crashes)

- Separating opposing traffic reduces head-on probability
- Vehicles turning on/off side streets only cross 1 traffic lane
- Speed reduction increases gaps in traffic



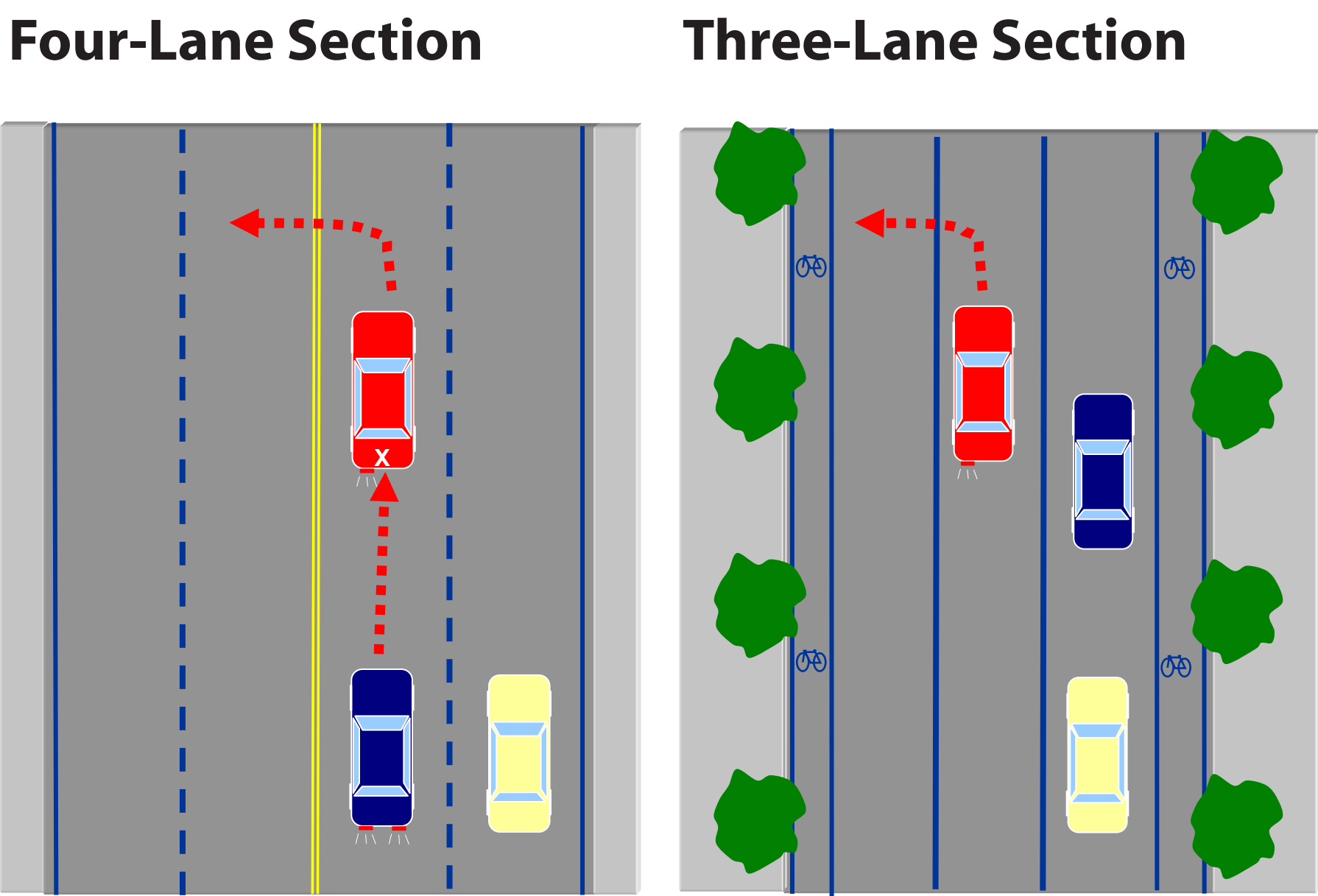
Sideswipe Collisions (7% of Crashes)

- Only 1 lane of traffic reduces or eliminates weaving or sideswipe possibilities



Rear-End Collisions with Left-Turning Vehicles (18% of Crashes)

- Dedicated left-turn or Two-Way-Left-Turn-Lane reduces or eliminates these crashes
- Lower speeds reduce braking distance

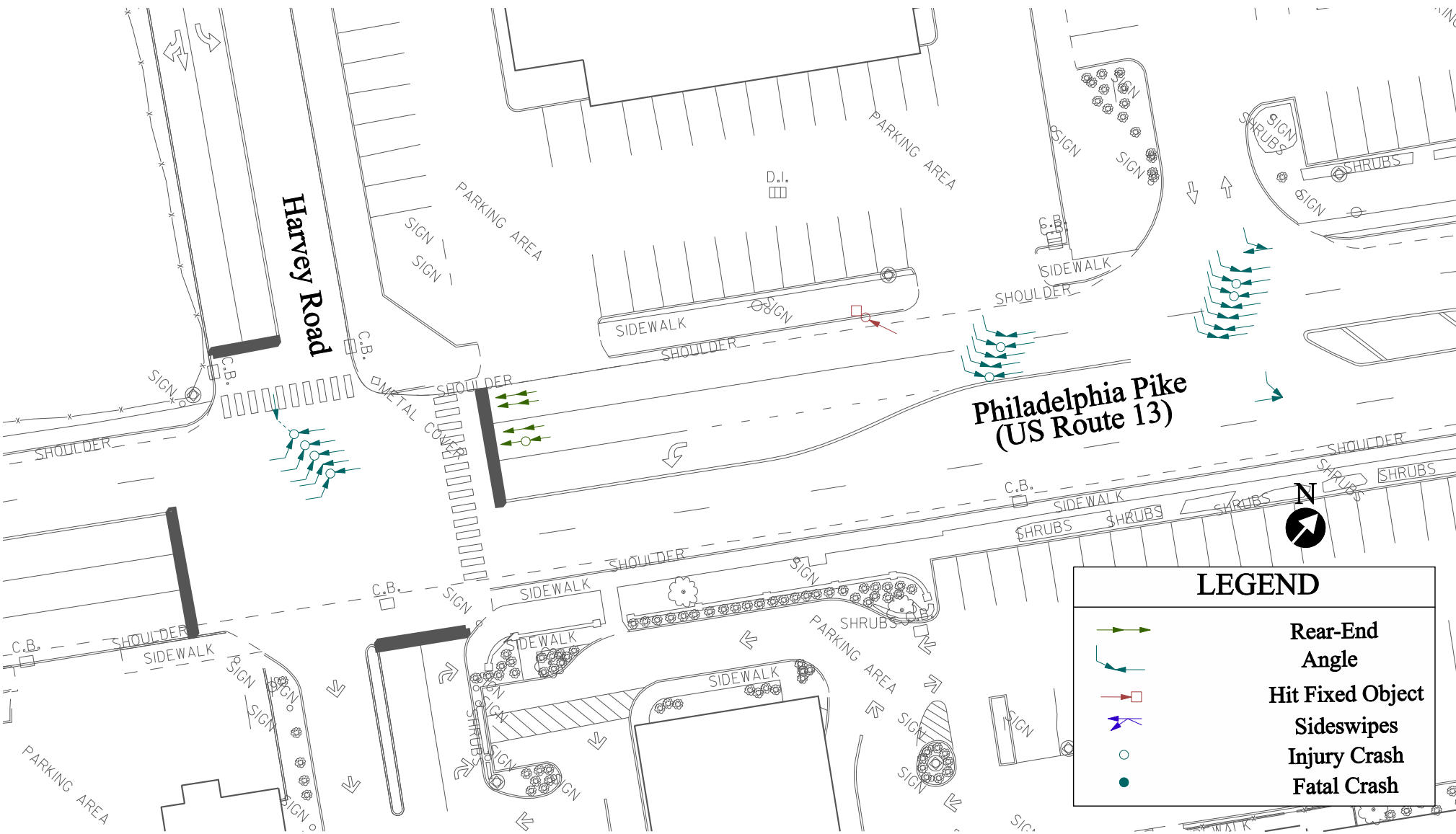


Source: Creating Healthy Communities, www.walkable.org/resources

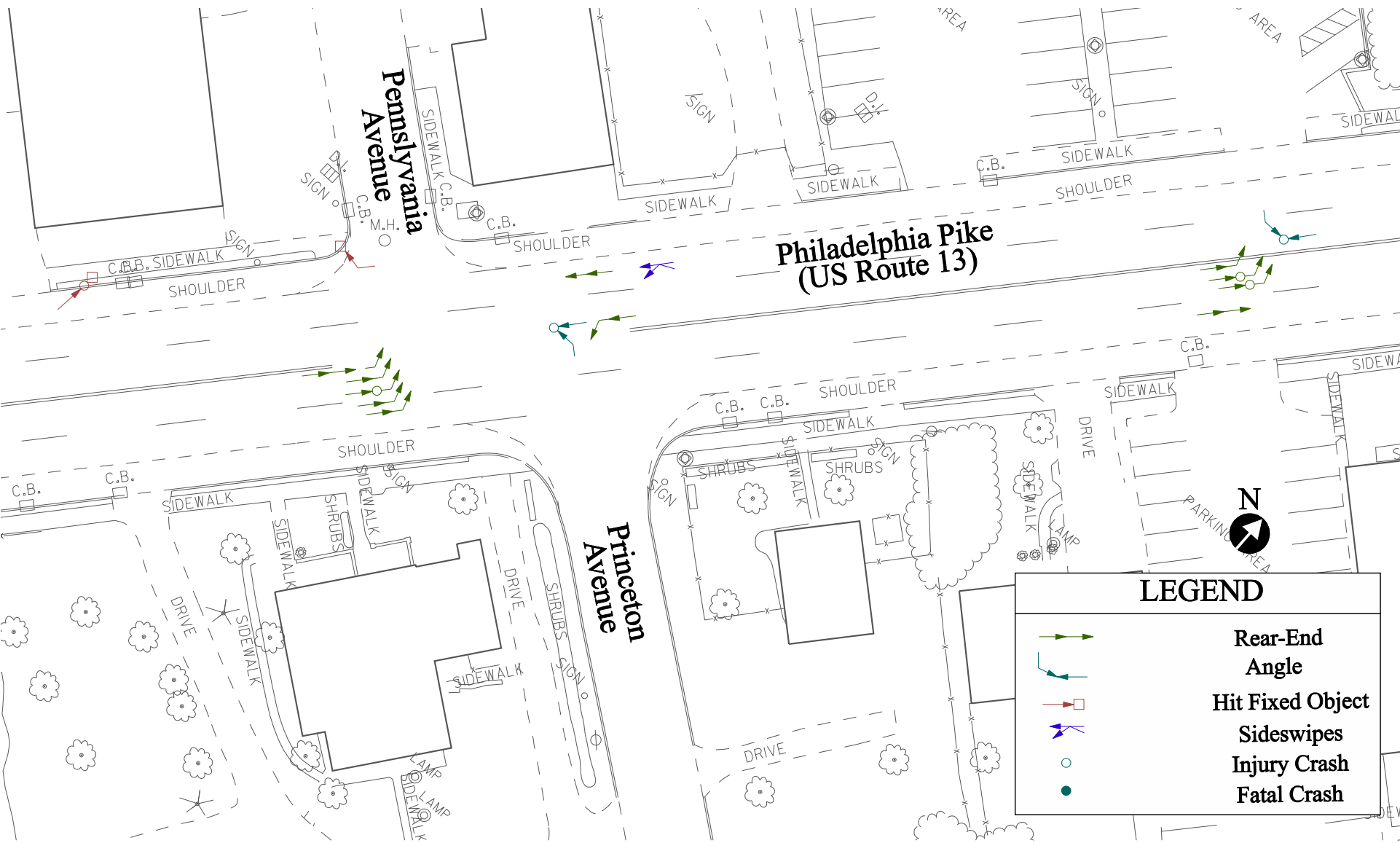
Recent Crash History

- Crash data obtained from DelDOT / Delaware State Police
- Crash period spans from October 2005 to September 2008

Philadelphia Pike near Harvey Road



Philadelphia Pike near Pennsylvania Avenue



Pedestrian and Bicycle Safety

- Bike/pedestrian crashes along Philadelphia Pike:
 - 2 total crashes, including 1 pedestrian fatality and 1 bicycle injury
- Refined Section provides:
 - Simplified crossing and reduced crossing distance
 - Reduced exposure to multiple threat crashes
 - Separate lane for bicyclists

