



# POTENTIAL SAFETY COUNTERMEASURES

## SAFETY ISSUES\*

**CONFLICTS**  
(entrances, intersections)



**SPEEDING**



**DRIVER BEHAVIOR**  
(passing in a prohibited area)



**SAFETY FOR PEOPLE OUTSIDE OF CARS**



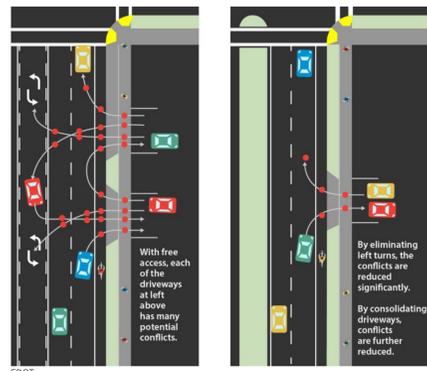
**VISIBILITY**  
(lighting, pavement marking, sight distance)



\*Note: These five issues are identified issues from previous planning efforts

### CONSOLIDATING/REMOVING DRIVEWAYS

Choosing the best places for driveways to connect to a road. When there are too many driveways close together, cars have to stop and turn a lot, which can cause crashes.



- Especially effective near intersections
- Helps drivers and people traveling along the sidewalk anticipate where conflicts occur



### ON-STREET PARKING

When cars park on the side of the street. On roads like Gravois that move a lot of cars, parking lanes are usually separated by a stripe.



When parking lanes are used regularly there are many benefits such as:

- Reducing vehicle speeds by narrowing overall street space
- Protecting or acting as a barrier for sidewalks and bike lanes



### ENHANCED PEDESTRIAN AND/OR BIKE FACILITIES

Changes made to a street so that it is safer and easier for many types of travelers — not just cars. This includes people walking, biking, taking the bus, or using wheelchairs.



- Sidewalks, enhanced crossings, separated bike lines, boarding bus islands and updated transit amenities, enhanced pedestrian- and bike-scale wayfinding



### RECTANGULAR RAPID FLASHING BEACONS

A type of safety device used at crosswalks to help drivers notice people who want to cross the street.



- Useful in alerting drivers to the presence of people at crosswalks between intersections
- Note: This only applies to 2- or 3-lane sections



### PEDESTRIAN HYBRID BEACONS (PHB or HAWK SIGNAL)

A special traffic signal that helps people cross busy streets safely. The signal stays dark until someone presses the button to use it.



- Provide pedestrian crossings between intersections on higher speed or wide roadways. They use a red signal to allow people to cross and remain dark when not needed.



### RAISED CROSSWALK

A type of crosswalk that is built slightly higher than the road around it. They are often used near schools, parks, neighborhoods, and other pedestrian-heavy locations.



- Traffic-calming measure that allows pedestrians to cross at-grade with the sidewalk.
- Reinforce slow speeds and encourage motorists to yield to pedestrians at the crosswalk.



DESIGN OPTIONS

NOTE: Enforcement strategies can improve safety outcomes and need to be coordinated with local public safety departments.