

Potential Study Topics

Accident
Identify high accident locations occurring during wet weather conditions
Identify high run-off-the-road accident locations on paved as well as gravel roads
Identify high fixed-object accident locations on paved as well as gravel roads
Identify safety impact of elderly drivers
Roadway
Identify high accident locations along urban 4-lane undivided roadways
Identify safety impact of horizontal curve characteristics (i.e., degree, direction, and radius)
Identify safety impact of speed limits of 50 mph or more on expressways
Identify safety impact of speed limit
Identify safety impact of traffic volume and traffic mixture
Identify safety impact of shoulder surface conditions (e.g., paved or unpaved)
Identify safety impact of the number of accesses per mile
Identify safety impact of pavement markings
Intersection
Identify signalized intersections with high number of accidents
Identify safety impact of signalized turning bays
Identify stop-signed intersections with high number of accidents
Identify safety impact of turn lanes in creating traffic turbulence and weaving