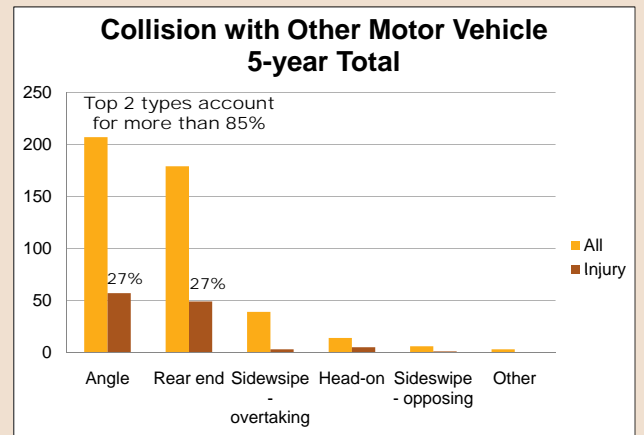
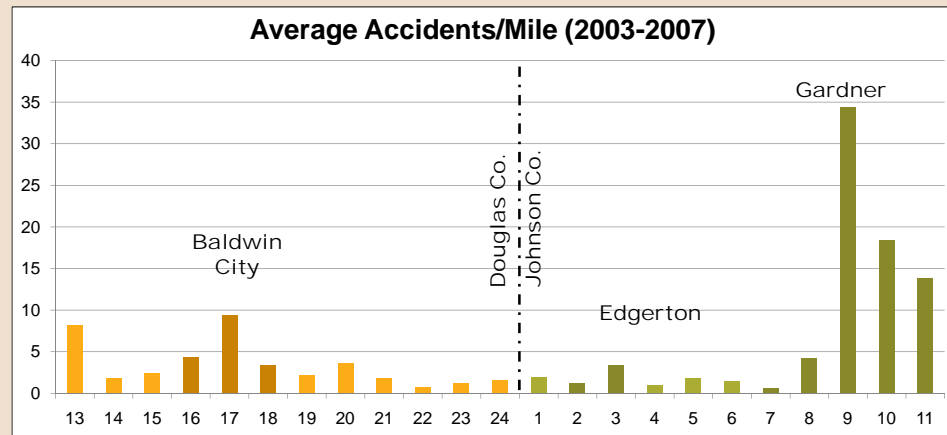
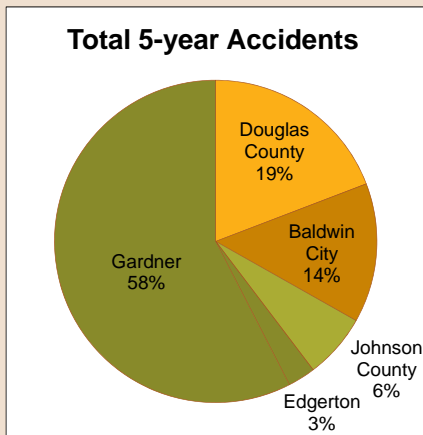
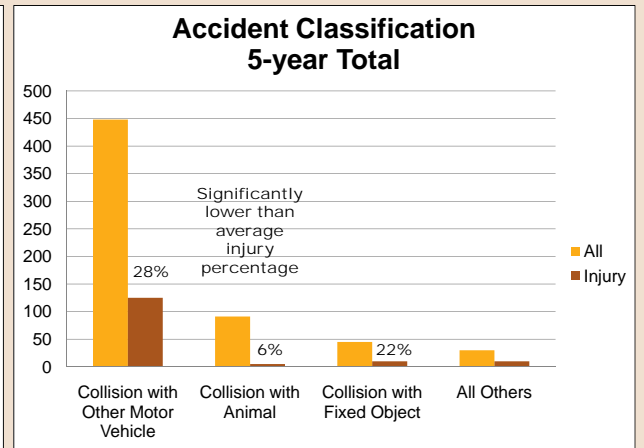
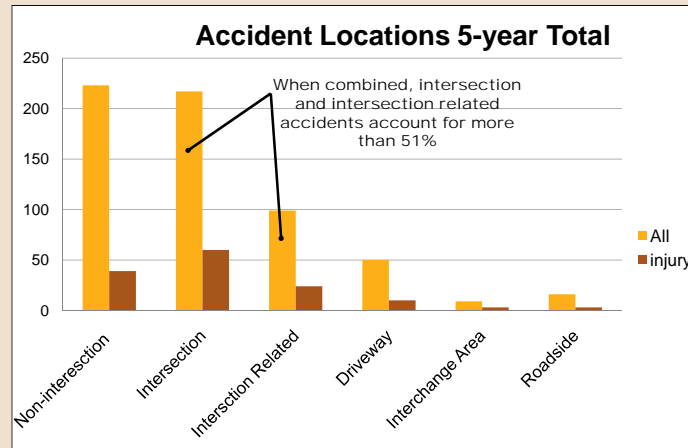
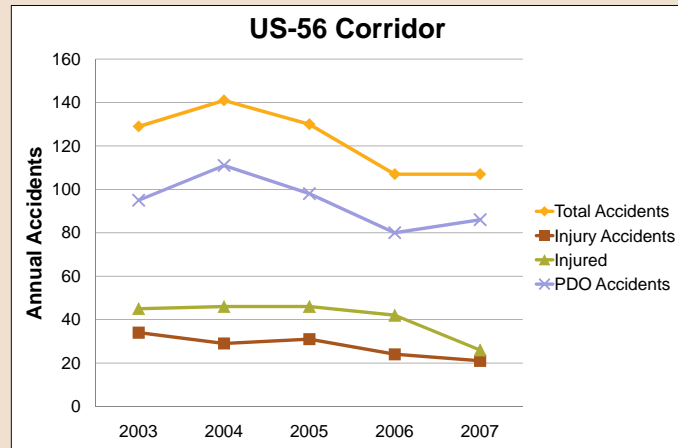




Corridor Evaluation - Safety



Three Fatal Crashes Occur In One Year (2006)

A total of five (5) fatal crashes occurred over the five year period. Three of the five fatal accidents occurred in 2006. Two of these occurred at the junction of US-59. Four of the fatal accidents were with "other motor vehicles", of which three were angle accidents and the other a rear-end collision. Two of the four "other motor vehicles" occurred at intersections while the other two were classified as intersection related. Two of these crashes cited "traveling too fast", and "exceeding posted speed", while the other two were "failure to yield", and "improper turn".

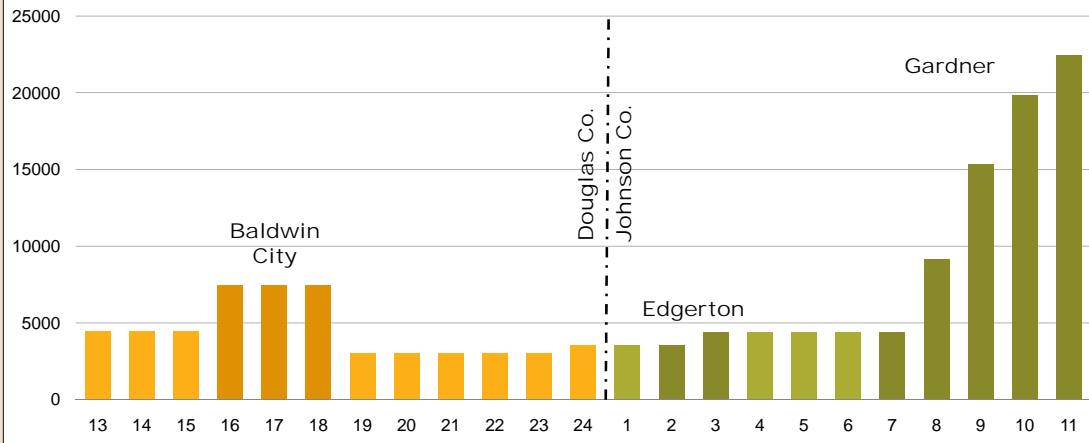
Three Locations Account for 44% of Intersection Crashes

A ranking of crashes at intersections indicates a pattern of crashes at three locations along U.S. 56. The top three locations include Moonlight Road (Gardner), U.S.-59, and 6th Street (Baldwin City). Fortunately the number of crashes has been decreasing for a total of 30 crashes at these three locations in 2003 to just six (6) in 2007. The predominant type of accident is angle accidents at 80%. The percentage of injury accidents vary by location, with the U.S. 59 junction having a high percentage of injuries, including two fatalities in 2006.



Corridor Evaluation - Volumes

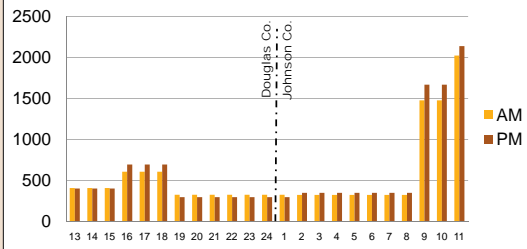
24-Hour Traffic Volumes



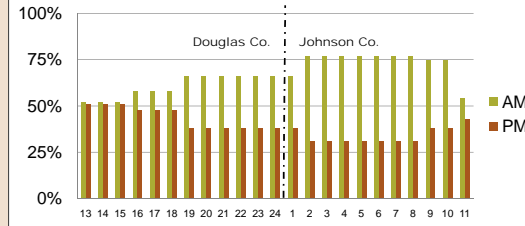
Traffic Volumes and Their Characteristics

Traffic volumes have a significant spread along the corridor, ranging from a low of 3,400 vehicles per day (vpd) (between Baldwin City and Edgerton) to over 22,400 vpd in Gardner near the I-35 interchange. Peak hour traffic volumes mimic the daily pattern along the corridor including the increase of traffic volumes within city limits. The AM and PM total volumes are nearly identical (PM is slightly higher), yet the distribution by direction along the majority of the corridor indicates an eastbound bias in the AM and the reverse direction (westbound) in the PM. However, west of Baldwin City, the directional distribution is equally split. Truck percentages range from 5% to 7% of all traffic representing between 200 and 830 truck per day. Traffic speeds have also been collected and indicate an 85th percentile speed to be more consistent with the newly posted speed increase to 60 mph.

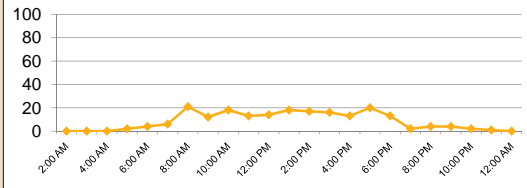
Peak Hour Traffic Volumes



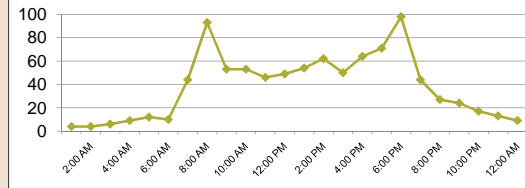
Eastbound Distribution Percentage by Peak Hour



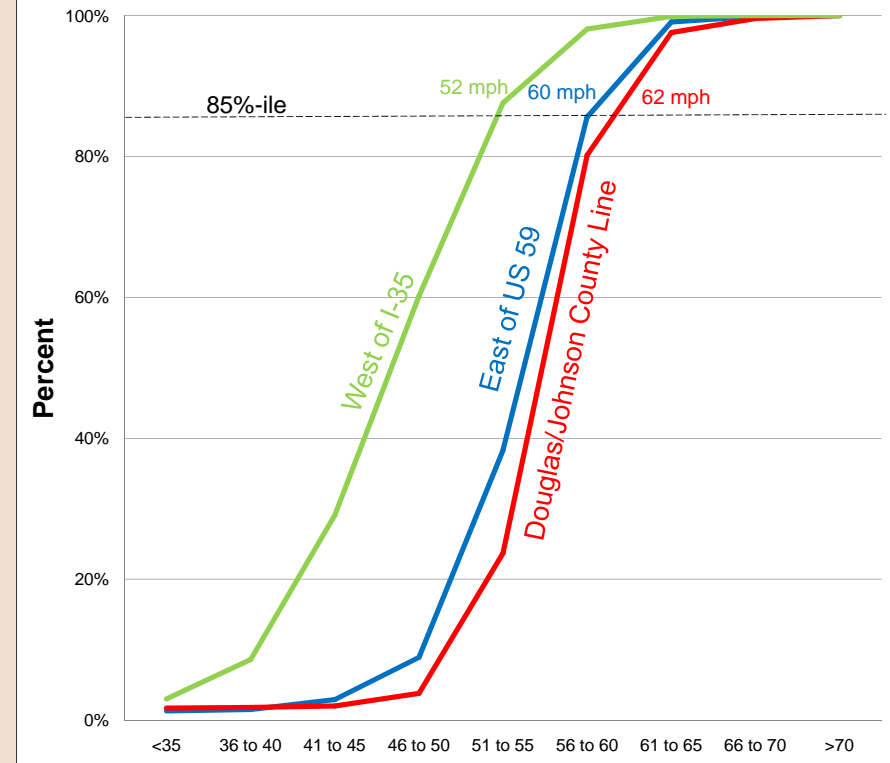
US-56 Trucks West of Baldwin City



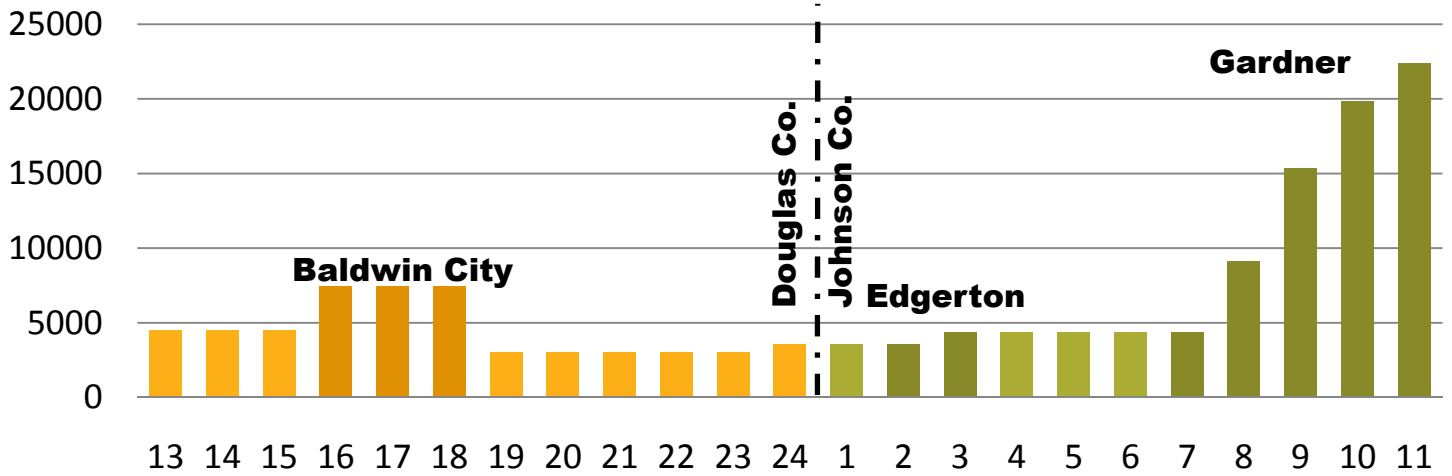
US-56 Trucks East of New Century



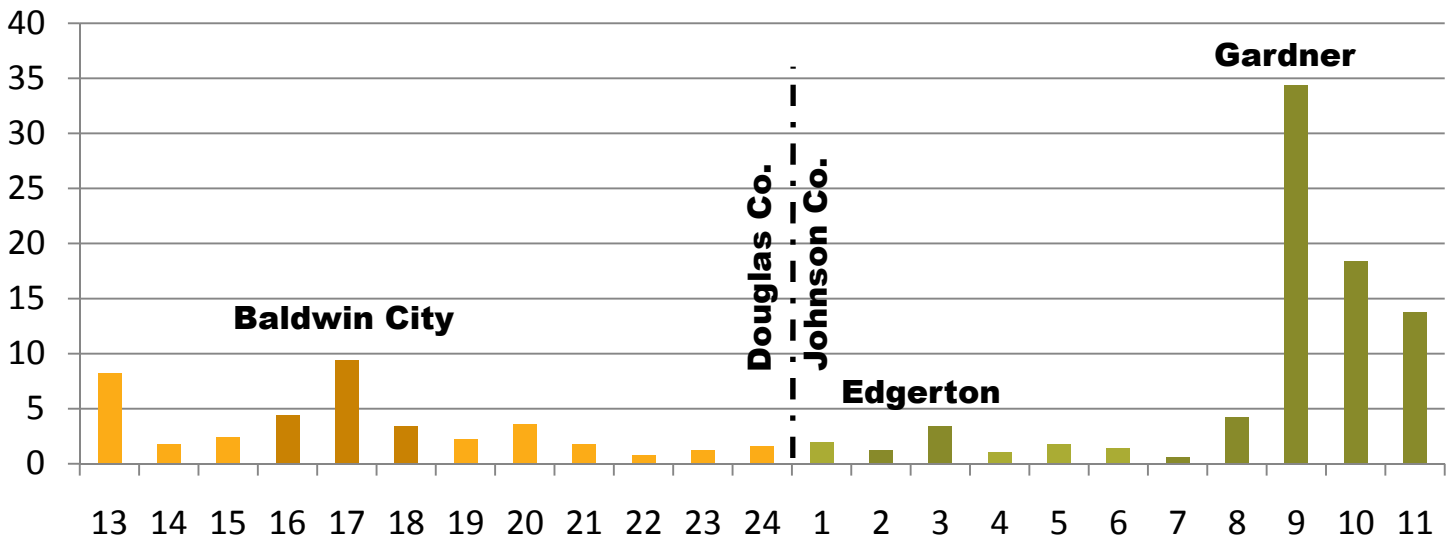
Speed Profile



24-Hour Traffic Volumes



Average Accidents/Mile (2003-2007)



Access Points per Mile

