

Rural Roundabouts in North America


Intersection has long been a deadly site



## Research Approach

## Data Collection

a) Safety data
b) Video
c) Speed data
d) Anecdotal

## Analysis

a) Statistical models (before and after, comparison)
b) Comparison of injury crashes
c) Speed data will be compared between approach traffic control and geometry

## Advanced Traffic Control

1. Warning Signs
2. Warning Signs with Flashing Lights
3. Rumble Strips


## Research Questions

1. Is there a statistically significant reduction in crash severity statistics on high speed rural intersections after roundabouts are constructed?
2. Is there a statistically significant difference in the injury crash experience at roundabouts compared to stop controlled intersections?
3. Is there a statistically significant difference in the approach speeds of rural roundabouts due to approach traffic control and geometry?



