

INTERSECTION SAFETY

Because an intersection is the point at which multiple paths converge, it inherently presents increased opportunities for conflicts between those who traverse it. While the last decade has seen a steady decline in intersection crashes in North Carolina, this decrease mirrored the decrease observed across all crashes with no significant reduction in the proportion of intersection crashes. North Carolina has taken—and should continue to take—a multifaceted approach to tackling this issue, one that considers the intersection design, users from all modes, and both spot-safety and systemic improvements.



NOTABLE FACTS

- From 2004 – 2013, collisions at North Carolina’s intersections resulted in an annual average of 265 fatalities and 670 serious injuries.
- Through its safety programs, NCDOT implemented safety improvements at nearly 400 intersections statewide from 2008 – 2012.

EMPHASIS AREA GOAL

In 2013, there were 243 fatalities and 471 serious injuries at intersections. The goal for this emphasis area is to reduce intersection fatalities and serious injuries.

STRATEGIES

- Improve visibility of intersections by providing enhanced signs and pavement markings.
- Reduce the frequency and severity of intersection crashes through traffic control enhancements.
- Enhance safety at signalized intersections through the use of proven safety countermeasures.
- Support and enhance driver education and awareness programs.

INDICATORS OF PROGRESS

- Number of intersections at which low-cost improvements are systemically implemented.
- Number of intersections at which the intersection traffic control is improved or reinforced through enhancements.
- Number of signal improvements installed, including pedestrian improvements and visibility improvements.
- Inclusion of intersection-focused content in the driver education curriculum.

POTENTIAL IMPLEMENTING AGENCIES

- Law enforcement
- North Carolina Department of Public Instruction
- North Carolina Department of Transportation
- University partners

**See Appendix E for the
Intersection Safety Action Plan.**