



5
YEAR
WARRANTY



ADVANCE INTERSECTION ALERT

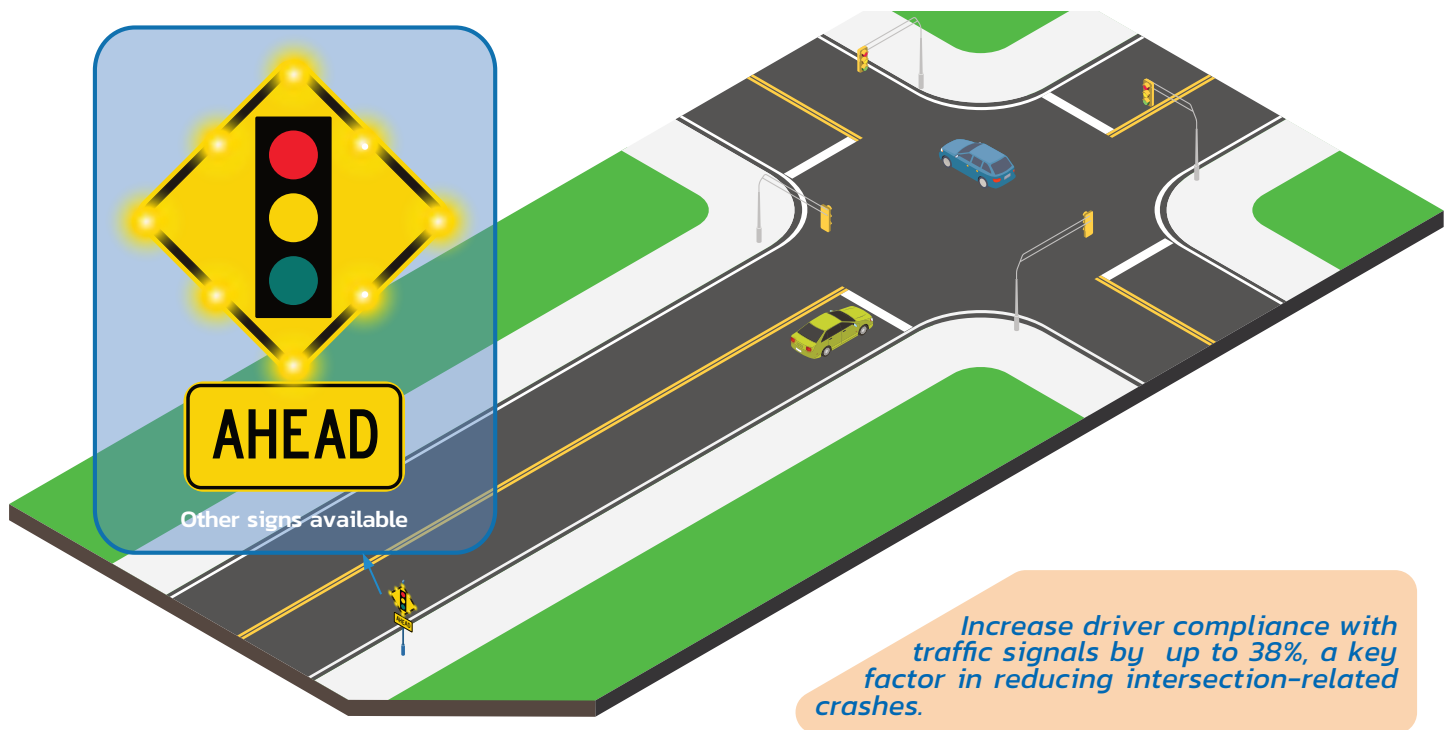
Enhancing intersection
safety with real-time
alerts

OVERVIEW

Advance Intersection Alert

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Advance Intersection Alert (AIA) systems represent a significant advancement in traffic control technology. By pairing LED-enhanced W3-3 (Signal Ahead) signs with real-time data from traffic light controllers, AIAs provide drivers with timely and visually prominent warnings. These systems allow signs to flash or illuminate synchronously with traffic signal phases, enhancing awareness and reaction time.



BENEFITS

Enhanced Safety at Intersections

- ♦ Over 50% of crashes and 25% of fatalities occur at intersections in the U.S., and 40% of collisions in Canada.
- ♦ Reduce risks in areas with poor visibility or high-speed approaches.

Adaptability to High-Speed and Rural Areas

- ♦ Offer early warnings for longer stopping distances, preventing crashes at unexpected rural or high-speed intersections.

Improved Visibility and Driver Compliance

- ♦ LED technology boosts sign visibility in adverse weather, low light, and visually cluttered environments.
- ♦ Studies show a **38%** improvement in driver compliance.

Reduction in Rear-End Collisions

- ♦ Provide real-time updates that reduce rear-end collisions by **25-30%** through earlier braking and fewer sudden stops.

