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## Issue 20: Giving Pedestrians a Head Start



### Giving Pedestrians a Head Start

Have you ever started to cross a street when the pedestrian signal goes green only to feel a right-turning vehicle slide across your path? This common conflict results in the highest number of total pedestrian crashes in Ohio, most commonly in urban areas.

Fortunately, there's an affordable engineering solution to give people who walk the lead over turning cars.

Known as Leading Pedestrian Interval (LPI), engineers can adjust traffic signal timing to give pedestrians the go-ahead a few seconds before motorists get a green light. By the time vehicles are allowed into the intersection, people walking have established clear right-of-way.

If there are a lot of people walking across the street, right turns on red should be prohibited to further reduce right turn conflicts.

By reducing conflicts between motorists and vulnerable road users, there are also significant safety benefits. One study found that LPI reduced pedestrian-vehicle crashes by nearly 59%!

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## Have you seen LPI at intersections in your community?

- [Pedestrian Control MUTCD](#)
- [Streetfilms LPI – Leading Pedestrian Interval](#)

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## Questions? Feedback?

- Drop us a line, [bikeohio@dot.ohio.gov](mailto:bikeohio@dot.ohio.gov)
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