



## Continuous Flow Intersection (CFI)



A **Continuous Flow Intersection (CFI)** is an intersection that creates a protected bay for left-turn motorists on opposite ends of a four-way signalized intersection.

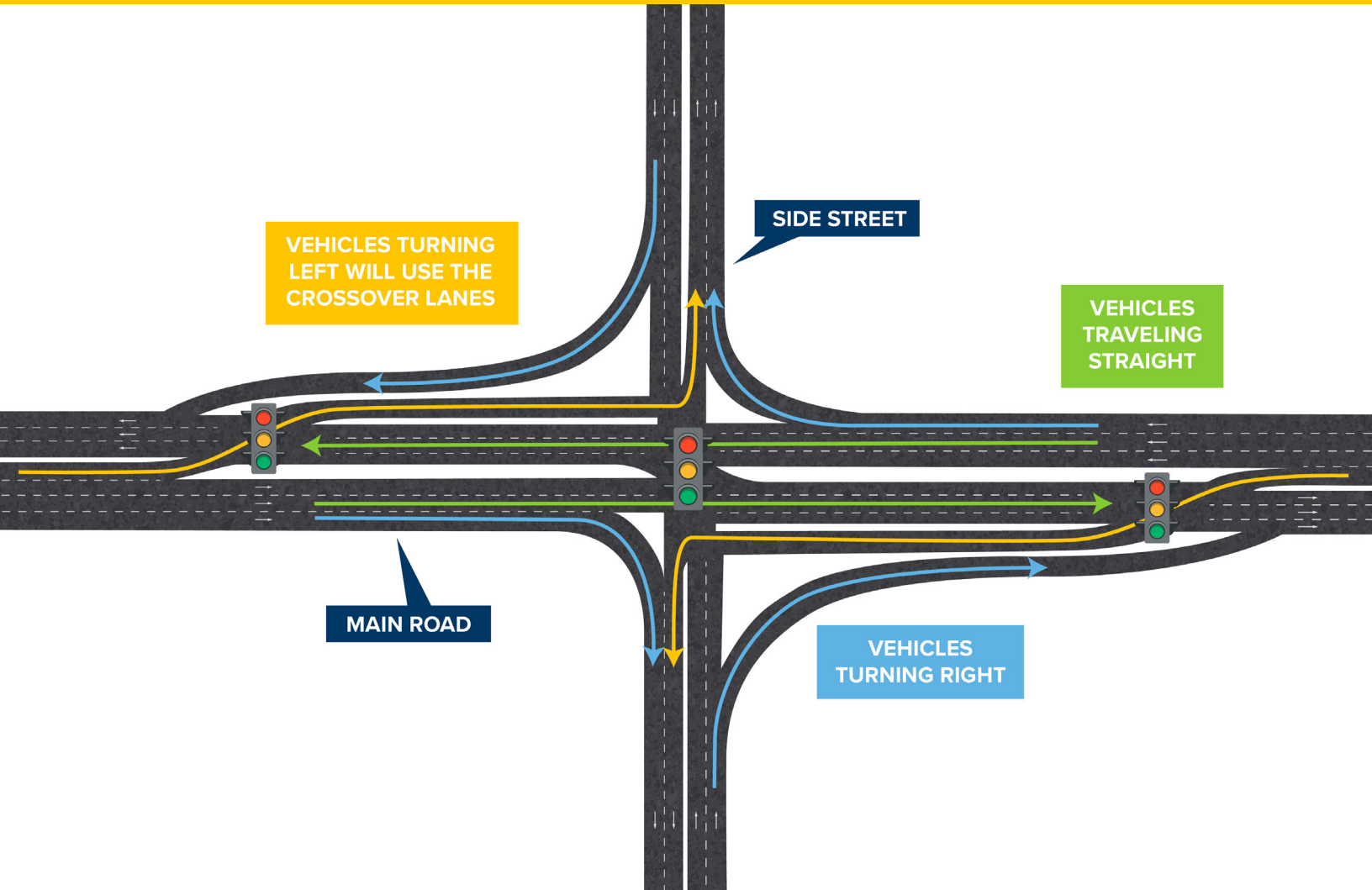
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### BENEFITS

- **Enhanced safety** — the CFI design eliminates 90-degree right-hand turns, which reduces the number of crashes.
- **Increased efficiency** — giving vehicles a separate left-turn lane away from a conventional intersection reduces queue wait times.
- **Increased capacity** – CFIs accommodate more vehicles and so a higher volume can cross the main intersection.
- **Well protected** – the left-turn lane and the straight-through lanes are usually separated by a concrete barrier or traffic island, reducing any confusion.



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### WHAT TO KNOW ABOUT CFIs

- Left-turning traffic is shifted away to the outside edges of the road.
- Vehicles turning right are also guided away from the main intersection, merging into the flow of traffic.
- Straight-through traffic encounters fewer delays.
- They are also known as crossover displaced left-turns.

### WHEN TO USE A CFI

*CFIs are effective solutions for intersections with:*

- High and increasing traffic volumes.
- An above-average crash rate.
- Motorists who must wait through several light cycles to turn.

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