

CFI: CONTINUOUS FLOW INTERSECTIONS

How to turn left at a CFI:



Step 1: Enter the left-turn bay and stop at the first signal.



Step 2: Your traffic signal turns green shortly after the signal for the cross traffic at the main intersection turns green. You cross the oncoming traffic, which are stopped by a red light, and drive up the CFI leg.



Step 3: Just before you reach the end of the CFI leg as it intersects the cross street, the signal turns red for the cross traffic. Your signal immediately turns green so you can make your continuous left turn without stopping.

“The person that came up with this idea should win the “Highway Nobel Prize,” or whatever they give a genius engineer. I’ve tried it at different times of the day, and it is still the best...I sure hope they will use this plan on many of our ‘dead-locked’ intersections.”

– Vernon Yielding, *Baton Rouge resident*

“We have been overwhelmingly happy with how it’s run, and the flow has minimized backups that were pretty significant prior to making this move.”

– David Buck, *Maryland State Highway Administration, describing a CFI at the juncture of State Highway 228 and State Highway 210*

“CFI consistently outperforms the conventional intersection. The reduction in the number of phases on approaches ...results in tremendous vehicular delay savings as well as a considerable increase in the capacity of the intersection.”

– Ramanujan Jagannathan, *Virginia Tech*



GRESHAM
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Continuous Flow Interchanges mean safer, quicker and greener travel.

Long-term traffic congestion can erode communities, disrupt infrastructure, and lower your quality of life – even threaten your health.

Continuous Flow Intersections (CFIs) are an innovative, safe and cost-effective solution gaining favor among traffic engineers, and local and state agencies.

With CFIs, left-turning drivers can turn without worrying about oncoming traffic, and oncoming traffic does not stop at the main intersection to accommodate left turning vehicles.

“CFIs seem to function where conventional designs won’t,” said Dirk Gross, administrator for the

office of roadway engineering for the Ohio DOT. “In many cases CFIs move traffic better than any option we have.”

Compared to traditional interchanges and grade separated interchanges CFIs result in a smooth, continuous

“I love it. I wish they would put them all over town.”

– Cecil Laborde, *Baton Rouge resident*

“The response has been overwhelmingly positive.”

– Mike Walker, *Baton Rouge Metro Councilman*

flow of traffic with considerable benefits. CFIs are significantly cheaper and faster to construct, sometimes fetching over 80% cost

savings and completed 75% faster. Motorist enjoy an average wait time reduction of 50% and appreciate the clear lines of sight. The business community surrounding the CFI will marvel at a lower accident rates even with increased traffic volume. City planners can appreciate CFIs ability to adapt to unique site conditions and green value: reducing emissions from reduced congestion.

CFIs have proven to be a solution so original that they consistently outperform both traditional and nontraditional intersection design measurements. CFIs continue to demonstrate what how we can improve the world we live in through creatively and imagination.



SCALE: 1" = 80'

For more information about what a CFI can mean for your community please contact:

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