



One-lane Choker



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DESCRIPTION:

For a one-lane choker, curb extensions are constructed midblock to narrow the travel way to a single lane width. This configuration forces vehicles to slow down, yield, and negotiate oncoming traffic. While two-way access is maintained approaching the choker only a single lane is provided at the device. This results in a much narrower street cross section that decreases vehicle speeds and reduces cut through traffic.

APPLICATION:

One-lane chokers are implemented midblock as a vehicle speed control measure on lower speed and lower volume local streets. They are constructed with permanent raised curbs but can be implemented using signing, striping, and delineators with reduced effectiveness. The raised curb extensions, approach signing, and narrow single lane travel way slows vehicles and discourages cut through travel by providing visual cues of a slower speed environment and forcing vehicles to negotiate oncoming traffic.

Advantages

- Decreases vehicle speeds
- Reduces cut through traffic

Disadvantages

- Perceived to be less safe because oncoming vehicles are required to share a single travel lane
- May reduce on-street parking
- Complicates drainage design
- May require additional maintenance
- Reduces bicycle lane and/or side of road area used by bicyclists

Effectiveness Scorecard

	Speed	
	Volume	
	Cut-through	
	Crashes	
	Emergency Vehicle	
	Pedestrian	
	Bicycle	
	Noise	
	Cost	\$\$\$

Very Good
 Good
 Fair
 Poor
 Not Applicable



Quick Glance

