



Diagonal Diverter



DESCRIPTION:

Diagonal diverters involve the placement of temporary barriers or construction of permanent barriers diagonally across an intersection. The barrier connecting the opposing corners of the intersection serves to redirect through traffic movements while allowing turning movements. Gaps in the barriers permit bicycle and pedestrian access and allow for drainage.

APPLICATION:

Diagonal diverters are particularly effective at addressing high volume, high speed, and cut through traffic. When staggered on multiple streets, particularly in a grid street system, diagonal diverters can make travel through a neighborhood more circuitous.

Advantages

- Reduces cut through traffic
- Reduces speeds and volume in immediate area

Disadvantages

- Statutory actions required for implementation
- Delays emergency vehicles
- Traffic diverted to adjacent streets may create new traffic problems
- Increased travel time and out of direction travel for local residents
- The adjacent corners of the intersection may require reconstruction to maintain adequate width for two-way traffic.

Effectiveness Scorecard

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

Very Good
 Good
 Fair
 Poor
 Not Applicable



Quick Glance

