

# Roundabout



Source: Bunt & Associates Photo Database

## ***Applicability***

### **Road Classification:**

- *Collector streets and arterials.*

### **Typical Application:**

- *Balanced intersection approach leg volumes.*
- *High left turn percentage.*

### **Locations to Avoid**

- *Steep grade approaches*
- *Imbalanced traffic flows*
- *Limited ROW available*

## ***Benefits***

- *Reduced crashes, and severity of crashes.*
- *Reduced traffic speeds.*
- *Aesthetic.*
- *Multi-directional traffic calming.*
- *Reduced maintenance, long term costs.*
- *Maintains vehicle flow, fuel savings.*

## ***Disadvantages***

- *Require large area/ footprint.*
- *Must accommodate larger and emergency vehicles (e.g. truck apron).*
- *Maintenance (vegetation and snow-removal) considerations.*
- *Inconvenient pedestrian crossing locations.*
- *Spreads delays to all approaches (versus minor leg stop control).*
- *Can be challenging to incorporate cycling amenities.*