

4-Way Stop



Applicability

Road Classification:

- *Collector and minor roads.*
- *Balanced approach volumes.*

Typical Application:

- *When signal is not warranted or desired.*
- *When pedestrian priority is desired.*

Locations to Avoid

- *Areas sensitive to major road spill-back (vehicles queuing back towards Highway).*

Benefits

- *Least expensive*
- *Smaller intersection footprint, compared to roundabout.*
- *Pedestrian take priority, as vehicles yield.*

Disadvantages

- *Highest delay add to major movement.*
- *Spreads delays to all approaches, least efficient for maintaining vehicle flow.*
- *Can lead to pedestrian priority ambiguity.*