Oregon Department of Transportation

Safety & Operations

Offset Connections

Separation Distance is one of six safety and operations factors ODOT may consider when evaluating a highway approach application.

Points of Interest

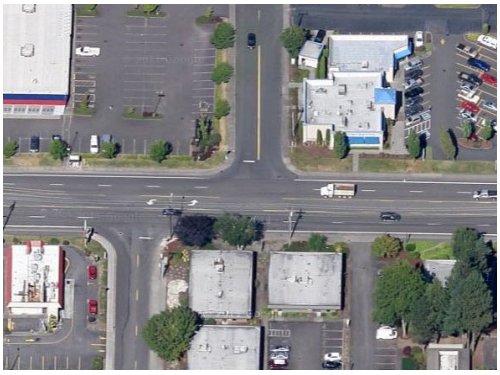
Offset connections.

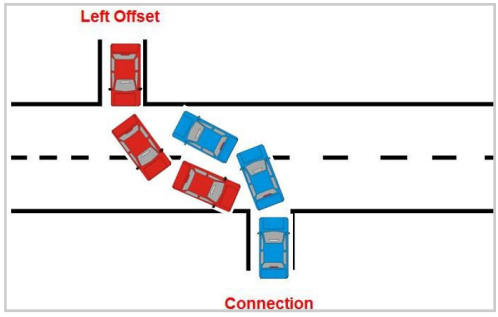
Factors considered in offset connections.

Why is ODOT concerned about offset connections?

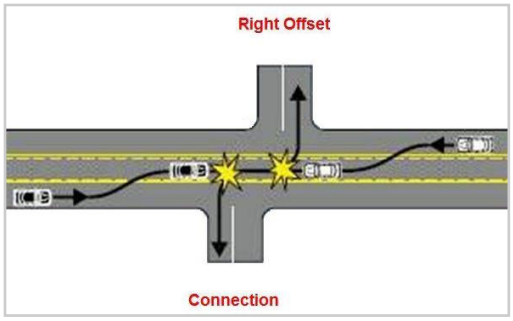
Offset Connections

Offset connections are driveways or public streets located on opposite sides of a highway and near enough that movements into or out of one driveway or street may create conflicts with vehicles moving into or out of a driveway or street across the highway.





Conflict with Left Offset Connection



Conflict with Right Offset Connection

- Greater offset connection spacing is preferred where the posted is speed is high OR the design vehicle is large.
- Less offset connection spacing is needed where the posted speed is low OR the design vehicle is small.

Factors Considered in Offset Connections

- ✓ Size of the design vehicle
- ✓ Highway speed
- ✓ Turn movements allowed to and from a highway
- ✓ Number of travel lanes on a highway
- ✓ Number of trips on a driveway or a street
- ✓ Spacing between

Why ODOT is Concerned About Offset Connections?

ODOT is concerned about driver safety and highway operations where offset connections are spaced too closely together. Offset Connections can create conflicts as vehicles attempt to maneuver around each other while entering or exiting driveways or streets; these conflicts may result in crashes. However, even if these conflicts do not result in crashes, highway operations may be adversely affected.

- More conflicts occur where offset connections are spaced too closely together.
- Highway operations are hindered where offset connections are spaced too closely together.

Contact: ODOT Access Management Unit