



Level of Service (LOS) Descriptions

Intersections

Unsignalized Intersections

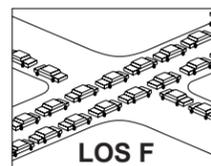
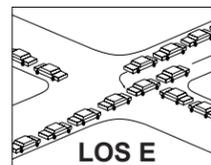
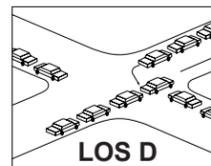
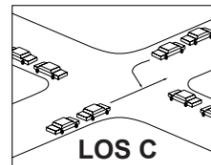
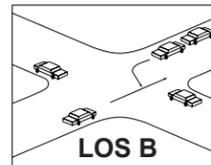
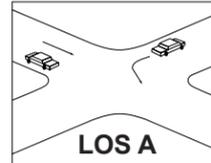
LOS Description

- A** Minimal or no vehicular delay.
- B** Slight delay to vehicles.
- C** Moderate vehicle delays, traffic flow remains stable.
- D** More extensive delays at intersections.
- E** Long queues create lengthy delays.
- F** Severe delays and congestion.

Signalized Intersections

LOS Description

- No vehicle waits longer than one signal indication.
- On a rare occasion vehicles wait through more than one signal indication.
- Intermittently vehicles wait through more than one signal indication, occasionally backups may develop, traffic flow still stable.
- Delays at intersections may become extensive, but enough cycles with lower demand occur to permit periodic clearance, preventing excessive backups.
- Long queues create lengthy delays.
- Backups from locations downstream restrict or prevent movement of vehicles, creating a "gridlock" condition.



Two-Lane Highways

LOS Description

- A** Motorists are able to drive at their desired speed. Platoons of three or more vehicles are rare.
- B** Passing demand needed to maintain desired speeds becomes significant and approximates the passing capacity. Percent time spent following is no greater than 50%.
- C** There are noticeable increases in vehicular platoon formation and platoon size.
- D** Traffic flow is unstable. Platoon sizes of 5 to 10 vehicles are common. Turning vehicles and roadside distractions cause major shock waves in the traffic stream.
- E** Vehicular platooning becomes intense as slower vehicles or other interruptions are encountered.
- F** Traffic flow is heavily congested with traffic demand exceeding capacity.

