WHAT IS LEVEL OF SERVICE?

A primer from the Department of Transportation

Level of Service (LOS) is a general measure of traffic operating conditions whereby a letter grade, from **A** (the best) to **F** (the worst), is assigned based on the <u>average control delay</u> experienced by drivers.

Average control delay is essentially the delay resulting from initial deceleration, queue move-up time, time stopped, and final acceleration.

LOS is based on criteria from the Highway Capacity Manual:

SIGNAL-CONTROLLED
INTERSECTIONS AND
ALL-WAY
STOP-CONTROLLED
INTERSECTIONS

Based on the average control delay for the entire intersection

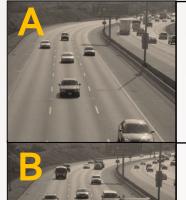
Evaluated separately for each individual movement; delay reported for the critical (worst case) turning movement

SIDE-STREET
STOP-CONTROLLED
INTERSECTIONS

ROADWAY SEGMENTS Compare traffic volumes with peak hour LOS capacity thresholds

Per the General Plan, County-maintained roads and state highways shall not be worse than **LOS E** in the Community Regions, or **LOS D** in the Rural Centers and Rural Regions.

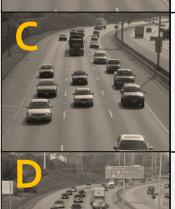
Some County roadways may operate at LOS F: portions of Cambridge Road, Cameron Park Drive, Missouri Flat Road, and Pleasant Valley Road, sections of US50 through Placerville and Pollock Pines, and CA-49 south of US50. No new roads may be added to the list without voter approval.



Free-flow travel with an excellent level of comfort and convenience and the freedom to maneuver.



Stable operating conditions with a noticeable, though slight, reduction in comfort, convenience, and maneuvering freedom.



Stable operating conditions, but the operation of individual users is significantly affected by the interaction with others.



High-density, but stable flow. Users experience severe restriction in speed and freedom to maneuver.

At or near capacity.
Speeds are reduced to a
low but relatively uniform
value. Freedom to
maneuver is difficult.

