Traffic Operations

LEVEL OF SERVICE (LOS) *

LOS is a qualitative measure describing operational conditions within a traffic stream, based on measures such as speed, travel time, freedom to maneuver, traffic interruptions, comfort and convenience.

Six levels of service are defined for each type of roadway section and are given letter designations from A to F, with A representing good operating conditions and F representing unsatisfactory operating conditions.



Stop and go.

DELAY: >80 seconds/vehicle





Heavily congested traffic.

Demand exceeds capacity and

speeds are drastically reduced.

CONSIDERABLE DELAYS

LEVEL OF SERVICE INTERSECTION ROADWAY Highly stable with little or no Free traffic flow with few restrictions on maneuverability or speed. congestion. Highest Quality of Service **NO DELAYS Delay: <10** seconds/vehicle Stable, free-flow condition with little Stable traffic flow. congestion. Speed becoming slightly restricted. Low restriction on maneuverability. **NO DELAYS Delay: 10 to 20 seconds/vehicle** Moderate congestion. Stable traffic flow, but less freedom to select speed. MINIMAL DELAYS **DELAY: 20 to 35 seconds/vehicle** Approaching unstable condition with Traffic flow becoming unstable. increasing congestion. Speeds subject to sudden change. **MINIMAL DELAYS DELAY: 35 to 55 seconds/vehicle** Unstable, congested condition. Unstable traffic flow. Speeds change quickly and maneuverability is low. **DELAY: 55 to 80 seconds/vehicle** SIGNIFICANT DELAYS

POLICE