

SR 99 REPLACEMENT PROJECT: ISSUES | IMPACTS | POSSIBLE SOLUTIONS

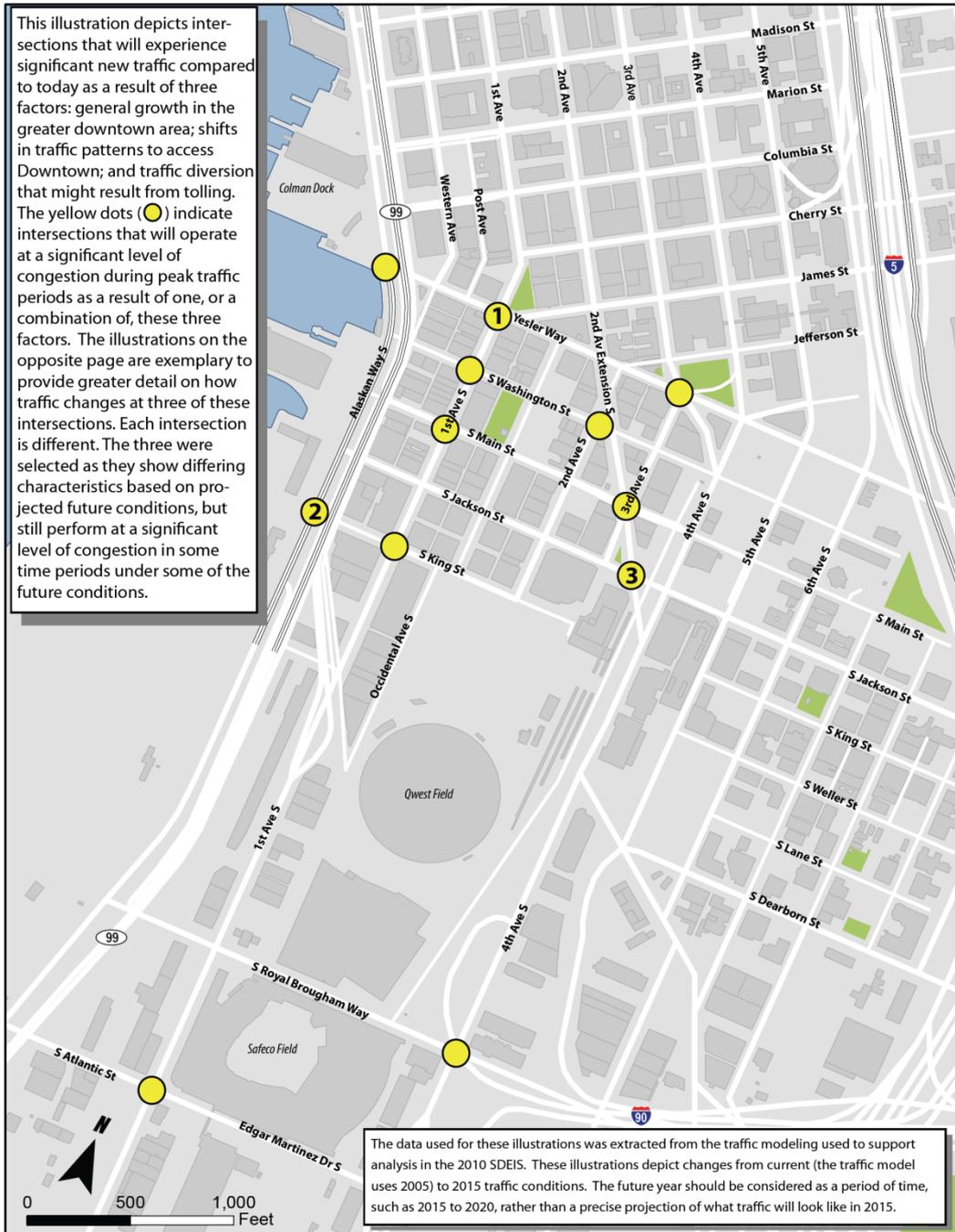
Key Issues

- Changing patterns of surface street traffic
- Toll diversion
- Transit routing
- Pedestrian and bicycle conflicts
- Deterioration of transportation system

performance indicators

SR 99 Replacement South Portal Traffic Impacts

This illustration depicts intersections that will experience significant new traffic compared to today as a result of three factors: general growth in the greater downtown area; shifts in traffic patterns to access Downtown; and traffic diversion that might result from tolling. The yellow dots (●) indicate intersections that will operate at a significant level of congestion during peak traffic periods as a result of one, or a combination of, these three factors. The illustrations on the opposite page are exemplary to provide greater detail on how traffic changes at three of these intersections. Each intersection is different. The three were selected as they show differing characteristics based on projected future conditions, but still perform at a significant level of congestion in some time periods under some of the future conditions.



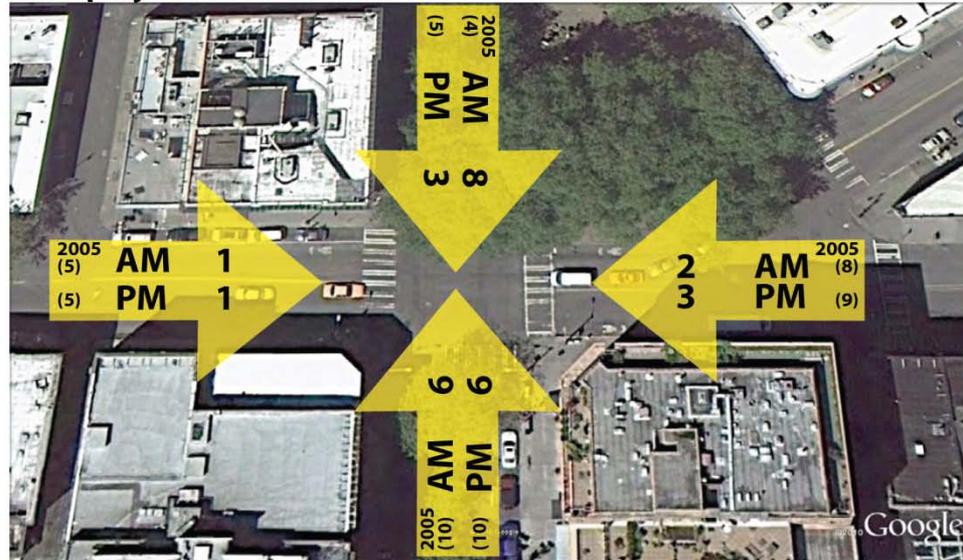
The data used for these illustrations was extracted from the traffic modeling used to support analysis in the 2010 SDEIS. These illustrations depict changes from current (the traffic model uses 2005) to 2015 traffic conditions. The future year should be considered as a period of time, such as 2015 to 2020, rather than a precise projection of what traffic will look like in 2015.

1

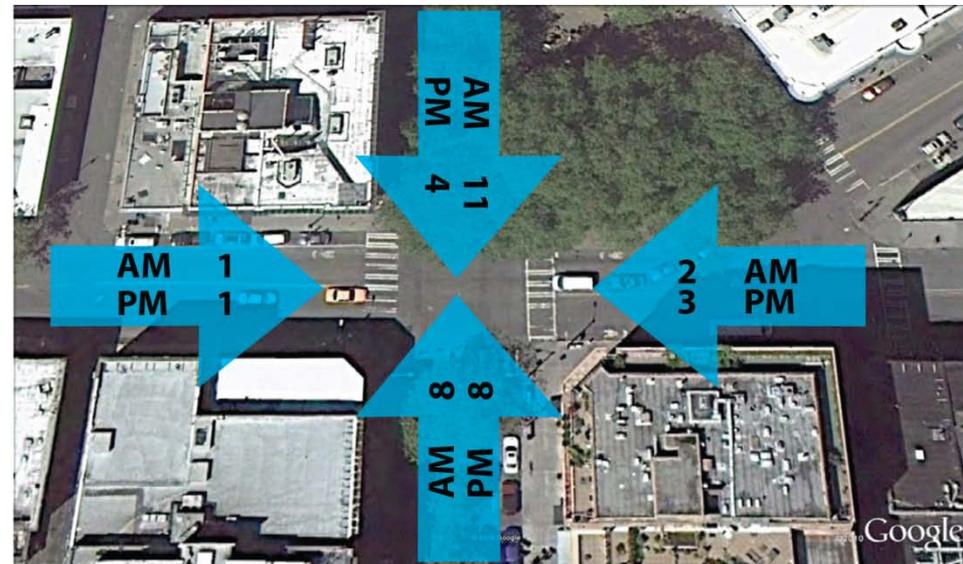
1st Avenue & Yesler Way

Change in Volume per Minute by Direction and Time of Day

How will traffic change with downtown growth, the tunnel, and other road projects?



How will traffic change with all of the above and tolls on the tunnel?

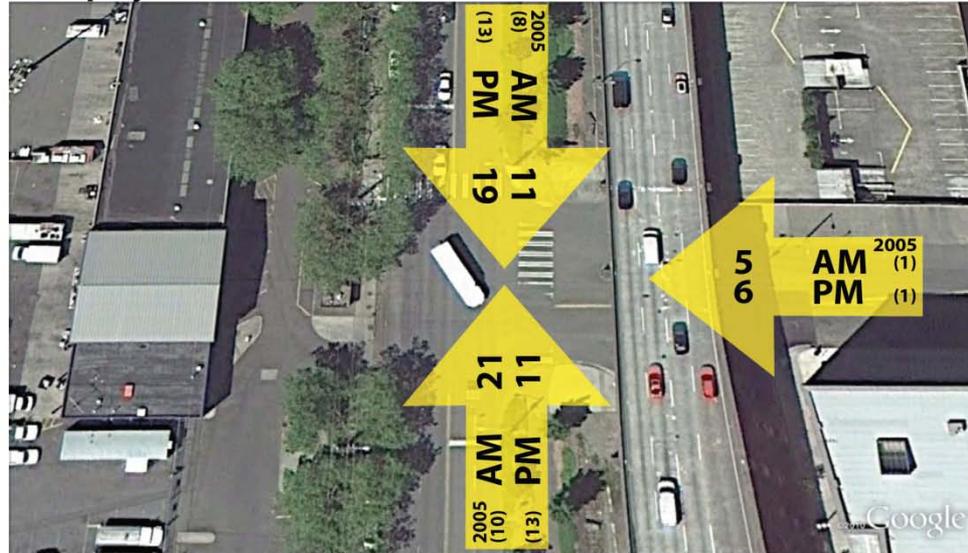


2

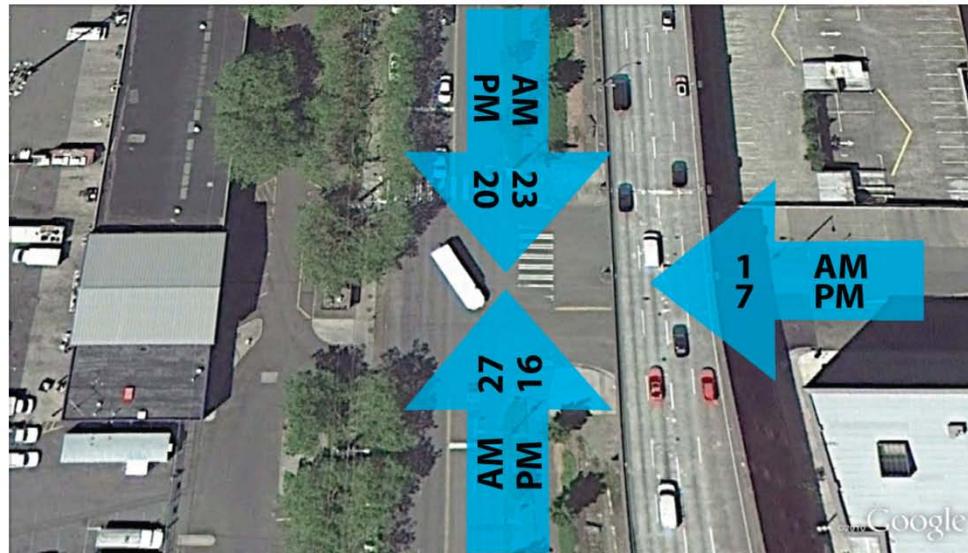
Alaskan Way & King Street

Change in Volume per Minute by Direction and Time of Day

How will traffic change with downtown growth, the tunnel, and other road projects?



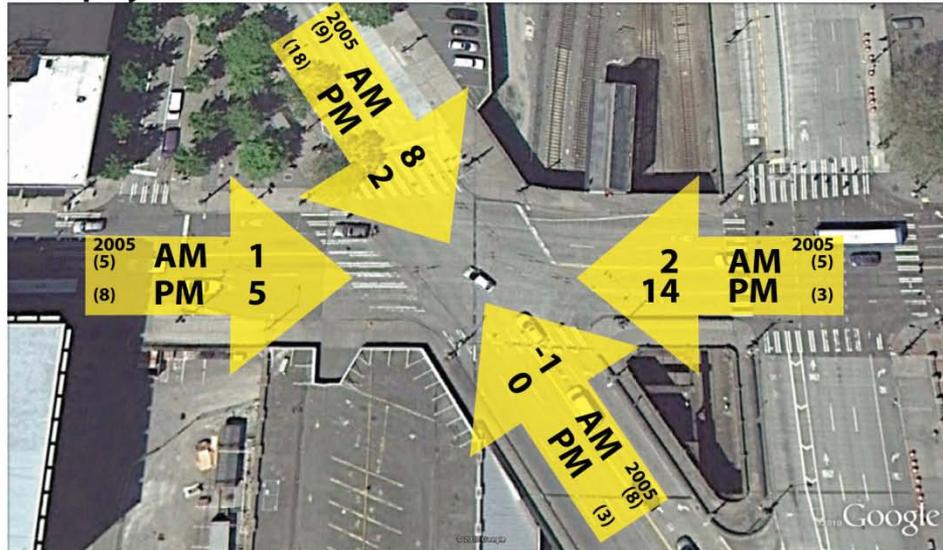
How will traffic increase if the tunnel is tolled?



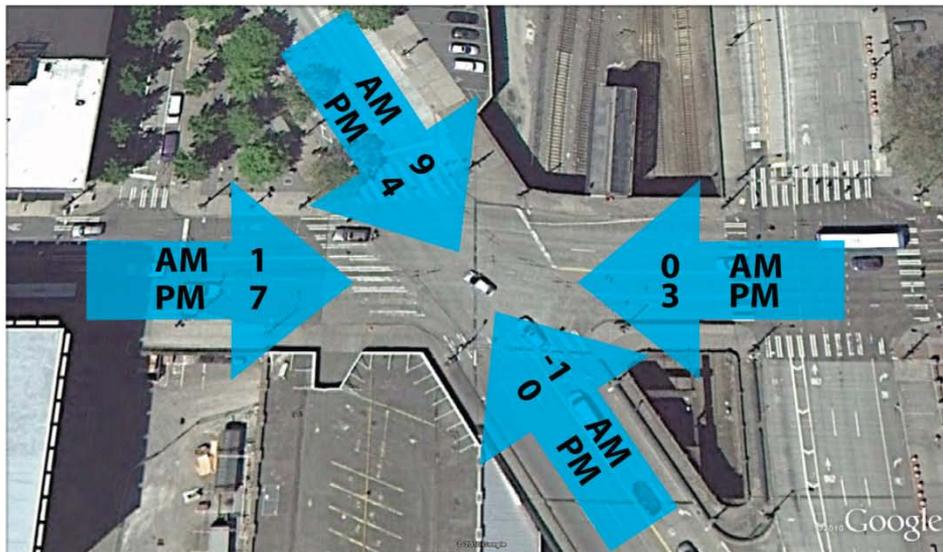
3 2nd Avenue Extension & Jackson Street

Change in Volume per Minute by Direction and Time of Day

How will traffic change with downtown growth, the tunnel, and other road projects?



How will traffic increase if the tunnel is tolled?



Toolkit: What can be done when traffic patterns change?

- Strategic Capacity Management
- Transit/HOV Priority and RapidRide Expansion
- Aggressive TDM and Parking Management
- Urban Design Measures
- Tolling