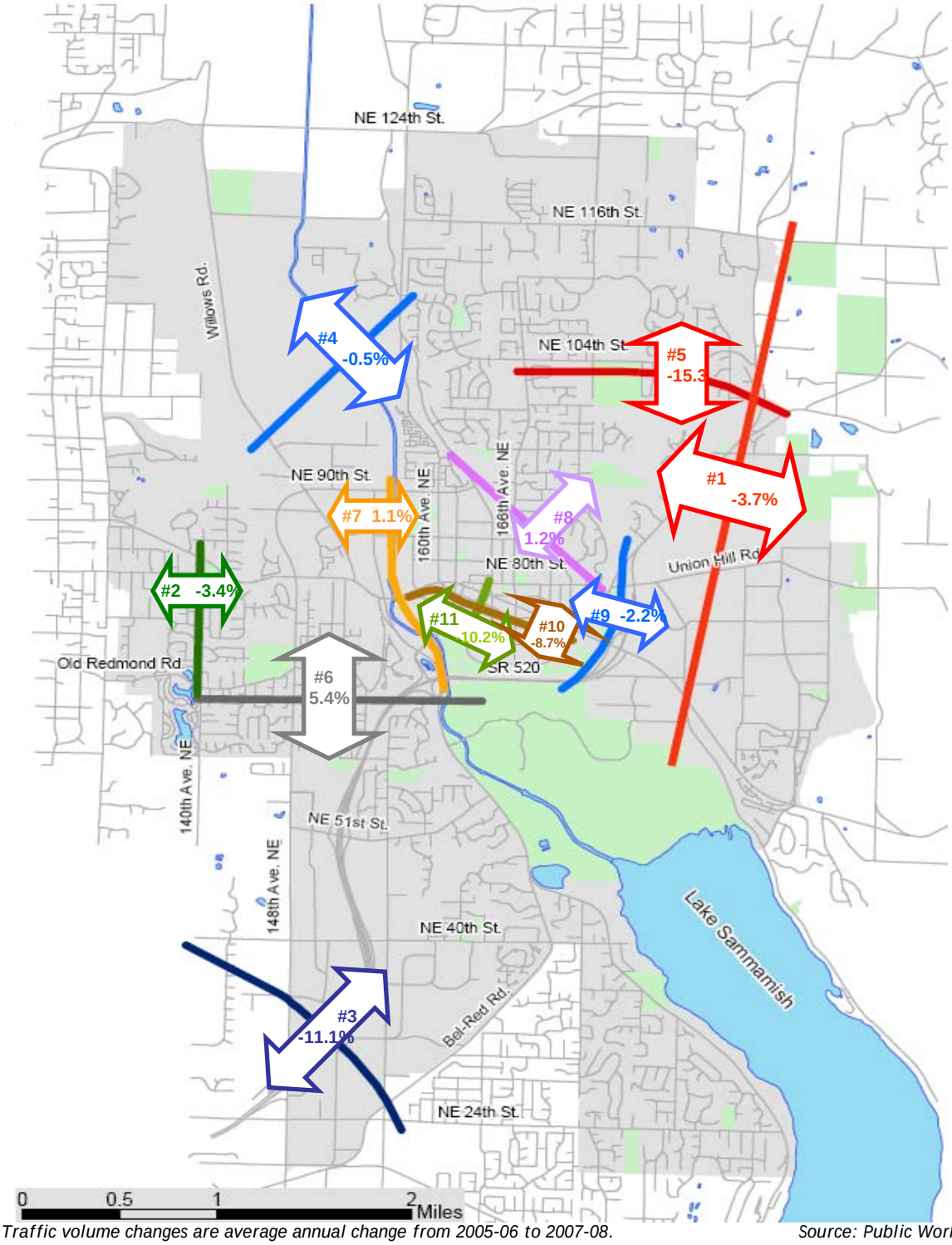
Annual Traffic Growth at Screenlines

City role: Indirect

Change in traffic volumes across key screenlines in Redmond, based on average daily weekday traffic counts. Updated biennially.

The map below shows eleven screenlines utilized in the Transportation Master Plan. The same links will be counted each year, and reported every two years. These screenlines are also used to monitor the city's traffic volume-to-capacity ratios. Thus, this data helps provide context for interpreting changes in the screenline service levels.



Traffic volume changes are average annual change from 2005-06 to 2007-08.

Source: Public Works Department
Updated March 2009

Average Traffic Growth by TMD

City role: Indirect

Change in average daily weekday traffic volumes for transportation management districts (TMDs) and citywide, based on annual traffic counts. Updated biennially.

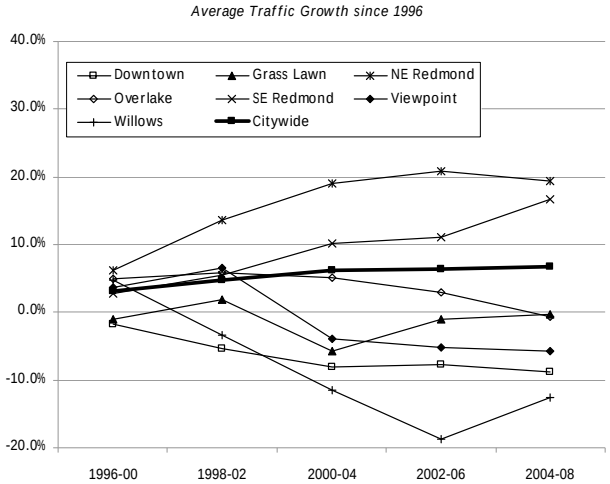
Citywide Traffic Volume Change

Baseline ('96):	**0.0%**	**Trend: ↑**
Observed ('08):	**6.8%**	
Objective:	**--**	

This data is obtained from the City's annual traffic count program. Count locations are summed within Transportation Management Districts and compared to previous years. Data is for the arterials only; local streets are not included in this measure.

Occasionally, specific count locations are unavailable due to construction or for other reasons. Also, from time to time the City will revise count locations. When this occurs, the annual comparison is made using only data from count stations represented in both data sets.

Counts for the Viewpoint, Willows, and Grass Lawn TMDs are from three or fewer intersections, and so may be more volatile from year to year.



Source: Public Works Department

Updated March 2009

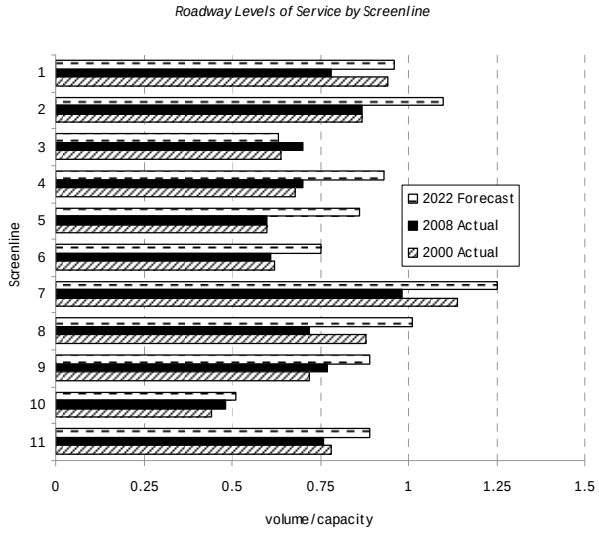
Roadway Level of Service by Screenline

City role: Indirect

Volume-to-capacity ratios along selected screenline, using data from annual traffic counts.

The City has set Level of service (LOS) objectives for Redmond's arterials. These are described in Chapter 4 of the Transportation Master Plan.

Most screenlines experienced lower V/C ratios in 2008 vs. 2006. Screenline 2 showed a decrease of 0.45 and Screenline 8 showed a decrease of 0.17. Screenline 3, in the Overlake neighborhood, is above the V/C ratio forecasted for 2022.



Source: Public Works Department

Updated March 2009