

**Safety Notes**

WSDOT collects accident data for Aurora Avenue (SR 99) recorded by milepost location. The data includes: type of accident, contributing circumstances, road condition, and records severity of accident in terms of property damage, injuries, and fatalities. **Frequency and Severity** of accidents contribute to societal costs.

**Summary of Aurora Avenue 165-205 Accident Data from 2002-2005**

Year	Total Collisions	Societal Cost	Rearends	Societal Cost	Driveway Related	Societal Cost	Enter at angle	Societal Cost	Opposite Direction	Societal Cost	Peds	Societal Cost
2002	162	\$7,333,000	85	\$2,242,000	20	\$336,000	15	\$246,500	7	\$201,000	11	\$3,685,000
2003	144	\$5,211,500	78	\$1,844,000	16	\$316,500	13	\$1,263,500	8	\$201,000	4	\$1,275,000
2004	169	\$9,156,000	101	\$4,364,500	16	\$253,000	19	\$2,459,500	9	\$144,000	3	\$1,205,000
2005*	122	\$7,687,000	61	\$1,122,000	14	\$268,500	12	\$198,500	7	\$201,000	6	\$4,505,000
Total	597	\$29,387,500	325	\$9,572,500	66	\$1,174,000	59	\$4,168,000	31	\$747,000	24	\$10,670,000

\* - 11 months of data

**WSDOT Safety Improvement Locations**

WSDOT identifies Safety Improvement Locations for setting priorities and allocating safety funds: High Accident Location (HAL) / High Accident Corridor (HAC) / Pedestrian Accident Location (PAL)

**HAL** (Spot locations with higher than average rate of severe collisions over a two year period)

- Milepost 42.16 to 42.57 (vicinity 178<sup>th</sup> to 187<sup>th</sup>)
- Milepost 42.94 to 43.34 (vicinity 194<sup>th</sup> to 202<sup>nd</sup>)
- Milepost 43.37 to 43.56 (vicinity 203<sup>rd</sup> to 206<sup>th</sup>)

**HAC** (One or mile in length with higher than average severe accidents over 5 year period)

- Milepost 41.72 to 46.72 (vicinity 169<sup>th</sup> to Edmonds)

**PAL** (spot locations that experience four or more pedestrian collisions during six-year period)

- Milepost 41.98 to 42.00 (vicinity 175<sup>th</sup> intersection)
- Milepost 42.25 to 42.41 (vicinity 180<sup>th</sup> to 183<sup>rd</sup>)

**WSDOT Before and After Study Results for Access Management Projects\***

Reduction in number of Accidents: **26%**  
Reduction in percentage of Injury Accidents: **19%**  
Reduction in Average Society Costs per accident: **60%**  
Total Societal Cost reduction: **70%**

\* WSDOT Study of six access management projects

- SR 96 east of 167
- SR 99 S 288<sup>th</sup> to 16<sup>th</sup> S
- SR 99 40<sup>th</sup> Ave W to 148<sup>th</sup> ST SW
- SR 515 SE 208<sup>th</sup> to N Center
- SR 516 28<sup>th</sup> PL SE to 132<sup>nd</sup> SE
- SR 516 168<sup>th</sup> PL SE to Wax RD