

**APPENDIX B**

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**Accident Records and Accident Rate Calculations**

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City of Battle Ground, OR 05/19/2004  
 Dates of Data: 01/01/2001 - 11/30/2003  
 Top intersections with at least 1 crash/year  
 Sorted by Accident Rate

Variables  
 Peak hour to ADT factor: 10  
 ADT to annual traffic factor: 261

Intersections	3-year Crash Total	Volumes (PM Peak)					ADT	Accidents Per Year	3-year Accident Rate
		NB	WB	SB	EB	TOTAL			
E Main Street & 5th Avenue	33	216	626	301	866	2,009	20,090	11	2.16
SR 503 & Onsdorff Boulevard	17	882	111	413	0	1,406	14,060	6	1.59
SR-502 (W Main St) & SR 503 (10th Ave)	34	1109	943	417	943	3,412	34,120	12	1.31
SR 503 & NE 244th Street	13	787	144	407	287	1,625	16,250	4	1.05
SR 502 (W Main Street) & 20th Avenue	16	665	716	319	656	2,356	23,560	5	0.89
NE 199th Street & S Grace Avenue	5	180	245	170	268	863	8,630	2	0.76
E Main Street & Parkway Avenue	9	313	386	258	716	1,673	16,730	3	0.71
SR 503 & NE 199th Street	13	1318	427	531	433	2,709	27,090	4	0.63
NE 199th Street & S Parkway Avenue	5	9	282	243	578	1,112	11,120	2	0.59
SR 502 (W Main Street) & 15th Avenue	6	0	660	138	798	1,596	15,960	2	0.49
E Main Street & S Grace Avenue	2	193	158	0	309	660	6,600	1	0.40
SR-502 (W Main Street) & 12th Avenue	6	7	887	452	735	2,081	20,810	2	0.38
E Main Street & N Grace Avenue	2	0	240	148	500	888	8,880	1	0.30
SR 503 & NE 189th Street	3	1302	9	659	156	2,126	21,260	1	0.19
SR 502 (W Main Street) & 29th Avenue	1	0	452	76	675	1,203	12,030	0	0.11