

Appendix H
Cumulative Traffic Effects

I-90 Scenarios

	I-5		I-405	
		+550		<1%
		ASSUMPTIONS		
		<u>SR 520</u>		
		No Improvements		
		<u>I-90</u>		
		R-8: HOV 3+		
+900	<1%			SR 520
				+2000 to 3000
				1-2%
+3500	1.0%			I-90
		+4100		2.5%

SR 520 Scenarios

	I-5		I-405	
		+9200		8%
		+56,000		46%
		ASSUMPTIONS		
		<u>SR 520</u>		
		Add HOV Lanes		
		Add 1 HOV and 1 GP Lane		
		<u>I-90</u>		
		No Improvements		
+7200	2-3%			SR 520
+13,000	4-5%			-3000 to +900
				1-3%
				-2000 to +10,000
				0-6%
				(South,North)
+500	<1%			I-90 No Build
+2200	1%			-3500
				-2%
				-5500
				-3%
		Could be much higher reduction in short term		

Combined I-90 and SR 520 Scenarios

	I-5		I-405	
		+10,550		8.7%
		+56,380		46.5%
		ASSUMPTIONS		
		Add HOV Lane SR520		
		+ I-90 R-8 (HOV 3+)		
		Add 1 HOV + 1 GP Lane SR520		
		+ I-90 R-8 (HOV 3+)		
+7030	2.4%			SR 520
+12,060	4.1%			+2665
				+11,515
				1.4%
				6.0%
+1075	0.8%			I-90
+2545	0.9%			-2120
				-1.2%
				-1840
				-1.1%
		1390		0.9%
		-600		-0.4%

Assumptions:
 2020 Daily Traffic
 HOV 3+ Definition for use of HOV lanes