

**Spokane South Valley LRT Corridor
Comparative Evaluation of Results
Regional Highway Assignment Results
Revised Model Runs 12/04/04 and 01/11/05**

Regional Highway Statistics	2002	2025						
	Base Year by00	No Build dy01	FTA Baseline dy07	BRT Sprague (as FG) dy12	BRT Trent (as FG) dy13	MOS/LRT dy05	LRT w/express dy06	LRT 10-min dy09
	Total	Total	Total	Total	Total	Total	Total	Total
<i>Auto Trips Assigned:</i>								
AM Peak	224,688	321,129	321,089	321,031	321,025	320,994	320,972	320,872
Midday	492,542	688,718	688,707	688,673	688,658	688,610	688,596	688,492
PM Peak	336,996	477,019	476,982	476,923	476,914	476,873	476,851	476,735
Night/Overnight	308,718	434,865	434,842	434,802	434,793	434,758	434,742	434,653
24-Hour Total	1,362,944	1,921,731	1,921,620	1,921,429	1,921,390	1,921,235	1,921,161	1,920,752
PM Peak Hour	128,722	182,200	182,186	182,164	182,160	182,145	182,136	182,092
Peak Hour Percent	9.4%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%	9.5%
<i>Vehicle-Miles of Travel:</i>								
AM Peak	1,562,407	2,193,216	2,192,786	2,191,959	2,191,982	2,191,613	2,191,125	2,189,902
Midday	2,731,005	3,752,194	3,751,116	3,751,167	3,751,229	3,750,695	3,750,421	3,749,402
PM Peak	2,131,279	3,016,337	3,015,078	3,014,052	3,014,560	3,014,087	3,013,581	3,012,126
Night/Overnight	1,856,654	2,570,631	2,570,005	2,569,376	2,569,340	2,569,270	2,568,738	2,567,769
24-Hour Total	8,281,345	11,532,378	11,528,985	11,526,554	11,527,111	11,525,665	11,523,865	11,519,199
PM Peak Hour	813,099	1,157,223	1,156,757	1,156,681	1,156,556	1,156,640	1,156,238	1,155,442
Peak Hour Percent	9.8%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
<i>Vehicle-Hours of Travel:</i>								
AM Peak	47,103	60,376	60,353	60,356	60,320	60,308	60,304	60,265
Midday	71,648	108,612	108,556	108,568	108,573	108,516	108,545	108,512
PM Peak	69,498	93,818	93,771	93,761	93,759	93,779	93,753	93,688
Night/Overnight	46,866	63,178	63,165	63,152	63,151	63,149	63,138	63,117
24-Hour Total	235,115	325,984	325,845	325,837	325,803	325,752	325,740	325,582
PM Peak Hour	23,736	36,097	35,633	35,633	36,044	36,058	36,067	35,971
Peak Hour Percent	10.1%	11.1%	10.9%	10.9%	11.1%	11.1%	11.1%	11.0%
<i>Vehicle-Hours of Delay:</i>								
AM Peak	8,293	6,448	6,435	6,457	6,420	6,417	6,426	6,419
Midday	1,553	13,391	13,368	13,382	13,387	13,339	13,369	13,364
PM Peak	15,496	17,759	17,741	17,758	17,743	17,772	17,760	17,730
Night/Overnight	71	177	177	177	177	177	177	177
24-Hour Total	25,413	37,775	37,721	37,774	37,727	37,705	37,732	37,690
PM Peak Hour	3,030	6,726	6,272	6,277	6,691	6,702	6,721	6,647
Peak Hour Percent	11.9%	17.8%	16.6%	16.6%	17.7%	17.8%	17.8%	17.6%
<i>Average Speed (mph):</i>								
AM Peak	33.17	36.33	36.33	36.32	36.34	36.34	36.33	36.34
Midday	38.12	34.55	34.55	34.55	34.55	34.56	34.55	34.55
PM Peak	30.67	32.15	32.15	32.15	32.15	32.14	32.14	32.15
Night/Overnight	39.62	40.69	40.69	40.69	40.69	40.69	40.68	40.68
24-Hour Overall	35.22	35.38	35.38	35.38	35.38	35.38	35.38	35.38
<i>Average Trip Length (miles):</i>								
AM Peak	6.95	6.83	6.83	6.83	6.83	6.83	6.83	6.82
Midday	5.54	5.45	5.45	5.45	5.45	5.45	5.45	5.45
PM Peak	6.32	6.32	6.32	6.32	6.32	6.32	6.32	6.32
Night/Overnight	6.01	5.91	5.91	5.91	5.91	5.91	5.91	5.91
24-Hour Overall	6.08	6.00	6.00	6.00	6.00	6.00	6.00	6.00

Source: AECOM Consult, Inc., analysis of SRTC Travel Demand Model

12-Jan-2005