

Appendix C

Forecast Volumes and Travel Times

Year 2030 Volume Forecast

Model Scenario		
No-Build	Campbell	75,500
Alternative 1	Campbell	59,500
	West By Pass/FF	56,000
Alternative 2	Campbell	59,700
	Kansas Extension	60,100
Alternative 3	Campbell	91,700
Alternative 4	Campbell	63800
	National	50800
New Connection	No-Build	0
	Build	6900
160 North	No-Build	15900
	Build	36700

Travel Time/Speed Comparison

		Year 2030					
From Republic Road to Route 14	Existing	No-Build	Alternative 1 (West Bypass)	Alternative 2 (Kansas Epwy.)	Alternative 3 (Campbell)	Alternative 4 (National)	Combination Alternative
Average Speed on Campbell mph	24.2	7.0	11.4	12.7	9.6	11.9	12.6
Travel Time on Campbell min	16.3	56.4	34.5	31.0	40.9	33.0	31.1
<i>Distance</i> mile	6.6	6.6	6.6	6.6	6.6	6.6	6.6
Average Speed on Alternative Route		n/a	16.9	14.6	n/a	12.8	22.0
Travel Time on Alternate Route		n/a	24.3	27.1	n/a	30.6	19.0
Distance		n/a	6.9	6.6	n/a	6.5	7.0
n/a = non applicable							