

SECTION FIVE

Table 5.16
VISSIM Network Vehicle Performance

Performance Measure	No-Build		Build		% Difference	
	AM	PM	AM	PM	AM	PM
2025						
Vehicle Network Performance Processed Demand	99%	100%	100%	100%	1%	0%
Latent Demand (vph)	1	1	0	0	-100%	-60%
Total Travel Time (hours)	1,416	1,655	1,384	1,441	-2%	-13%
Total Delay Time (hours)	377	556	285	356	-25%	-36%
Vehicle Miles Traveled (VMT)	49,899	54,604	52,670	53,836	6%	-1%
Latent Delay (hours)	0.5	0.5	0.2	0.3	-51%	-37%
Average Delay (sec/veh)	79	102	58	70	-27%	-32%
Average Speed (mph)	35	33	38	37	8%	13%
2045						
Vehicle Network Performance Processed Demand	83%	76%	100%	100%	17%	24%
Latent Demand (vph)	3,641	6,192	14	42	-100%	-99%
Total Travel Time (hours)	4,364	5,964	2,342	2,321	-46%	-61%
Total Delay Time (hours)	3,000	4,702	747	721	-75%	-85%
Vehicle Miles Traveled (VMT)	62,043	61,006	78,121	78,371	26%	28%
Latent Delay (hours)	2,043	3,277	3	10	-100%	-100%
Average Delay (sec/veh)	413	619	100	95	-76%	-85%
Average Speed (mph)	14	10	29	34	103%	229%