

TABLE 6B06 ELASTICITIES OF THE MAIN OUTPUTS TO SMALL INCREASES IN THE INPUTS BASED ON US DATA

<i>Input</i>	<i>Bus value</i>	<i>Elasticity values</i>		
		<i>Bus distance</i>	<i>Car distance</i>	<i>Cars per household</i>
No of households	100,000	-0.97	-0.19	-0.17
Household size	3.0	2.86	-0.16	-0.14
Household income	\$8,000	-3.92	1.01	0.99
Car occupancy	1.50	-3.76	1.01	0.94
α factor ^a	400,000	-0.95	0.27	0.24
H (car timer per car on the network)	0.8 hrs	-0.97	-0.19	-0.17
Network length	200km	0.95	0.27	0.24
Threshold travel distance for car ownership:				
1 + car	14 km	-0.11	0.06	-0.01
2 + cars	55 km	-0.32	0.26	-0.42
Bus cost per km	\$0.037	0.30	-0.09	-0.08
Car cost per km		3.52	-0.93	-0.79
Bus time per km		-1.09	0.07	0.06
Car time per km		-3.80	0.20	0.18

a. Product of average traffic flow/day on the network and the network speed.

Source Downes & Emmerson (1983, table 1, p. 7).