

Table 8-1: Alternative Transit Costs per Passenger

	<i>Alternative</i>			
	Existing	TSM (Options 1 & Options 2)	Streetcar	PRT \$2.00/ 2 min
Capital Costs (with contingency)	\$0	2,900,00	\$215,000,000	\$450,000,000 \$109,272,047
Design Life (Weighted Average for Components)	10.00	12.50	31.62	34.27
Annualization Factor	0.142	0.123	0.079	0.078
Annualized Capital Costs Per Year	\$0	\$350,000	\$17,000,000	\$35,000,000 \$8,523,220
Operating & Maintenance Costs	\$1,770,000	\$5,710,000	\$4,200,000	\$13,900,000 \$10,205,463
Passengers per Year (Year 2000 Estimates)	468,000	1,812,600	2,098,200	7,951,200
Cost per Passenger	\$3.78	\$3.34	\$10.10	\$6.15 \$2.36

To what extent does this transportation system imply a reasonable level of annual costs?

Table 8-1 presents annual costs in two components: operating and maintenance costs, and annualized capital costs. The combined costs are the basis for the following comparison.

- **Existing:** The SouthBank Shuttle is a successful existing service, therefore its operation can be considered to have a reasonable level of annual costs. Annual Operating and Maintenance are estimated at \$1.8 million per year.
- **TSM:** The improved SouthBank Shuttle is projected to have combined annual costs of \$5.7 million, which is in the mid-range of the alternatives considered.
- **Streetcar:** The combined annual costs for the streetcar system are approximately \$20 to \$25 million dollars per year based on costs from similar type systems. These