

2. Summary of Alternatives Northwest Connectivity Study

<u>Alternative</u>	<u>A</u>	<u>B</u>	<u>C</u>
Technology	Bus Rapid Transit (BRT) in HOV Lanes	Light Rail Transit (LRT)	Bus Rapid Transit (BRT) in Special Lanes
Peak Frequency (minutes)	3-8	6	3-8
Length (miles)	20.4	23.2	22.6
Signalized Intersections	6	32	34
Travel time in minutes	Busbee P&R-Midtown 36 Cumberland-Midtown 13	Busbee P&R-Midtown 53 Cumberland-Midtown 26	Busbee P&R-Midtown/I-75 36-53 Cumberland-Midtown 13-26
Number of Stations in Cobb	8	13	15
Added Daily Transit Passenger-Miles	390,000	290,000	420,000
Daily System Boardings	34,000-41,000	40,000-52,000	40,000-52,000
Daily Boardings in Cobb	24,000-30,000	19,000-23,000	18,000-22,000
Transit Capital Cost	\$0.6-0.7 billion	\$1.4-1.8 billion	\$1.0-1.3 billion
Annualized Capital & Operating Cost per New Rider	\$11.76	\$21.31	\$15.03
Incremental Capital & Operating Cost per New Rider	\$0.74	\$2.00	\$1.09
Incremental Operating Cost per Passenger Mile	\$0.32	\$0.56	\$0.36
Potential Transit Relocations			
Residential	0	19	18
Commercial/Industrial	6	30	33