

Appendix E: 2030 Demand Estimates



Appendix E
2030 Estimated Public Transit Demand using the TCRP Method

Census Tract	Census Block Group	Estimated Annual Passenger-Trip Demand					Daily Demand Density (Trips per Sq. Mile per Day)
		Elderly	Mobility Limited	Total Annual Demand	Estimated Daily Transit Demand		
					#	%	
041607	1	640	20	660	3	0.5%	2.7
041608	2	310	20	330	1	0.3%	7.4
041608	5	210	0	210	1	0.2%	1.6
042001	3	250	0	250	1	0.2%	5.0
042001	4	350	50	400	2	0.3%	1.0
042001	5	460	50	510	2	0.4%	6.3
042003	1	350	40	390	2	0.3%	0.5
042003	2	140	20	160	1	0.1%	6.0
042003	3	490	80	570	2	0.5%	7.0
042004	1	330	210	540	2	0.4%	5.9
042004	2	250	0	250	1	0.2%	2.7
042004	3	430	10	440	2	0.3%	6.9
042005	1	630	170	800	3	0.6%	2.9
042005	2	300	50	350	1	0.3%	1.7
042005	3	370	0	370	1	0.3%	0.5
042006	1	80	50	130	1	0.1%	0.9
042006	2	440	380	820	3	0.6%	10.0
050101	1	150	100	250	1	0.2%	8.0
050101	2	200	60	260	1	0.2%	0.6
050101	3	180	50	230	1	0.2%	5.4
050102	1	130	330	460	2	0.4%	8.5
050102	2	600	250	850	3	0.7%	16.2
050102	3	160	90	250	1	0.2%	3.3
050200	1	330	160	490	2	0.4%	2.3
050200	2	540	70	610	2	0.5%	1.0
050200	3	1,310	150	1,460	6	1.2%	4.1
050200	4	120	60	180	1	0.1%	5.7
050300	2	300	130	430	2	0.3%	9.4
050300	6	520	110	630	2	0.5%	3.2
050500	3	2,140	170	2,310	9	1.8%	34.6
050500	4	2,460	70	2,530	10	2.0%	3.7
050600	1	720	30	750	3	0.6%	0.6
050700	1	410	70	480	2	0.4%	5.8
050700	2	680	100	780	3	0.6%	13.4
051300	1	400	20	420	2	0.3%	8.7
051300	2	550	30	580	2	0.5%	11.2
051300	3	360	230	590	2	0.5%	7.6
051300	4	220	0	220	1	0.2%	7.4
051300	5	360	150	510	2	0.4%	11.1
051601	1	450	280	730	3	0.6%	7.3
051601	2	40	80	120	0	0.1%	4.0
051601	3	340	90	430	2	0.3%	13.7
051601	4	600	180	780	3	0.6%	10.1
051602	3	420	110	530	2	0.4%	19.1
051602	4	310	40	350	1	0.3%	8.0
051701	5	1,140	330	1,470	6	1.2%	24.2
051702	4	420	130	550	2	0.4%	8.5
051801	1	110	160	270	1	0.2%	7.4
051801	4	620	110	730	3	0.6%	13.4
051802	1	940	360	1,300	5	1.0%	9.5
051905	3	200	20	220	1	0.2%	3.1
051905	4	390	150	540	2	0.4%	4.2
051905	5	270	90	360	1	0.3%	12.1
051905	6	300	180	480	2	0.4%	6.6
051905	7	350	80	430	2	0.3%	11.5
051911	2	140	80	220	1	0.2%	0.5
051911	3	780	60	840	3	0.7%	5.0
051911	4	350	190	540	2	0.4%	3.4
051911	5	260	120	380	1	0.3%	1.2
051911	6	360	130	490	2	0.4%	2.6
051912	1	210	0	210	1	0.2%	0.5
051912	2	490	130	620	2	0.5%	0.7
051913	1	320	210	530	2	0.4%	6.3
051913	2	300	110	410	2	0.3%	5.7
051913	3	130	60	190	1	0.2%	2.8
051913	4	380	220	600	2	0.5%	3.7
051914	1	270	100	370	1	0.3%	5.5
051914	2	170	50	220	1	0.2%	3.4
051914	4	250	0	250	1	0.2%	4.2
051915	1	540	230	770	3	0.6%	4.2
051915	3	240	90	330	1	0.3%	9.0
051915	4	160	80	240	1	0.2%	1.6
051920	3	50	0	50	0	0.0%	1.1
052003	1	240	0	240	1	0.2%	0.8
052003	2	140	0	140	1	0.1%	0.5
052104	1	450	10	460	2	0.4%	0.5
052104	2	240	40	280	1	0.2%	0.0
052105	1	180	180	360	1	0.3%	0.1
052105	2	550	90	640	3	0.5%	0.2
052107	1	380	90	470	2	0.4%	1.0
052107	2	530	120	650	3	0.5%	0.8
052108	1	450	30	480	2	0.4%	0.8
052108	2	490	130	620	2	0.5%	1.0
052108	3	410	310	720	3	0.6%	0.7

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Census Tract	Census Block Group	Estimated Annual Passenger-Trip Demand					Daily Demand Density (Trips per Sq. Mile per Day)
		Elderly	Mobility Limited	Total Annual Demand	Estimated Daily Transit Demand		
					#	%	
052110	1	80	40	120	0	0.1%	1.8
052110	2	140	70	210	1	0.2%	4.3
052110	3	80	20	100	0	0.1%	2.1
052110	4	60	40	100	0	0.1%	2.5
052110	5	70	0	70	0	0.1%	2.1
052110	6	130	40	170	1	0.1%	5.1
052110	7	500	240	740	3	0.6%	3.6
052110	8	180	40	220	1	0.2%	6.4
052110	9	350	0	350	1	0.3%	0.7
052111	1	130	0	130	1	0.1%	0.5
052111	2	80	0	80	0	0.1%	0.1
052111	3	270	170	440	2	0.3%	2.0
052112	4	300	60	360	1	0.3%	0.6
052112	5	110	40	150	1	0.1%	0.3
052112	6	270	50	320	1	0.3%	1.1
052113	1	140	10	150	1	0.1%	0.2
052113	2	270	50	320	1	0.3%	0.4
052113	3	180	190	370	1	0.3%	0.8
052203	1	240	120	360	1	0.3%	0.5
052203	2	460	20	480	2	0.4%	1.0
052203	3	180	90	270	1	0.2%	0.6
052204	1	200	20	220	1	0.2%	0.3
052204	2	140	30	170	1	0.1%	3.1
052204	3	160	190	350	1	0.3%	3.8
052205	1	170	20	190	1	0.2%	0.3
052205	2	390	100	490	2	0.4%	2.8
052205	4	1,900	50	1,950	8	1.5%	22.0
052205	6	380	30	410	2	0.3%	3.4
052206	1	410	230	640	3	0.5%	0.2
052206	2	370	0	370	1	0.3%	0.3
052206	3	100	20	120	0	0.1%	0.2
052207	1	50	30	80	0	0.1%	0.0
052207	2	220	80	300	1	0.2%	0.5
052207	3	500	60	560	2	0.4%	0.6
052207	4	350	0	350	1	0.3%	0.4
052207	5	200	100	300	1	0.2%	0.4
052301	1	180	80	260	1	0.2%	0.5
052301	2	130	50	180	1	0.1%	0.3
052301	3	440	50	490	2	0.4%	0.5
052301	4	510	110	620	2	0.5%	0.3
052302	1	540	150	690	3	0.5%	0.9
052302	2	250	30	280	1	0.2%	0.2
052302	3	460	90	550	2	0.4%	0.5
052401	1	380	260	640	3	0.5%	5.6
052401	2	920	0	920	4	0.7%	26.3
052401	3	450	0	450	2	0.4%	4.8
052401	4	350	30	380	1	0.3%	5.6
052401	5	410	130	540	2	0.4%	4.9
052402	1	370	20	390	2	0.3%	7.6
052402	3	300	90	390	2	0.3%	4.0
052402	4	470	0	470	2	0.4%	7.7
052502	1	570	30	600	2	0.5%	0.9
052502	2	350	60	410	2	0.3%	1.2
052502	3	890	100	990	4	0.8%	2.7
052503	1	690	0	690	3	0.5%	3.1
052503	2	340	30	370	1	0.3%	7.6
052503	4	330	30	360	1	0.3%	2.9
052504	1	480	70	550	2	0.4%	3.2
052504	2	210	130	340	1	0.3%	1.2
052504	3	160	150	310	1	0.2%	1.0
052603	1	150	70	220	1	0.2%	0.4
052603	2	280	40	320	1	0.3%	2.1
052603	3	210	100	310	1	0.2%	3.0
052604	1	330	200	530	2	0.4%	1.5
052604	2	660	100	760	3	0.6%	7.9
052604	3	270	60	330	1	0.3%	2.5
052605	2	380	0	380	1	0.3%	1.8
052605	3	520	150	670	3	0.5%	6.1
052605	4	120	90	210	1	0.2%	2.5
052606	1	370	130	500	2	0.4%	2.0
052606	2	350	170	520	2	0.4%	1.1
052606	3	320	20	340	1	0.3%	2.4
052606	4	170	0	170	1	0.1%	0.3
052607	1	430	130	560	2	0.4%	2.3
052607	2	240	60	300	1	0.2%	0.4
052701	1	640	60	700	3	0.6%	0.3
052703	1	490	320	810	3	0.6%	1.5
052703	2	270	90	360	1	0.3%	0.8
052704	1	270	90	360	1	0.3%	2.5
052704	2	220	130	350	1	0.3%	0.8
052704	4	420	110	530	2	0.4%	4.3
052704	5	540	170	710	3	0.6%	0.5
052705	1	490	80	570	2	0.5%	2.2
052705	2	270	60	330	1	0.3%	0.8
052705	3	200	100	300	1	0.2%	0.3
052705	4	100	0	100	0	0.1%	2.0
052803	1	260	180	440	2	0.3%	0.6
052803	2	590	150	740	3	0.6%	2.1
052803	3	220	50	270	1	0.2%	4.2
052803	4	270	130	400	2	0.3%	1.6

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		Elderly	Mobility Limited	Total Annual Demand	Estimated Daily Transit Demand		
					#	%	
052804	1	760	140	900	4	0.7%	4.7
052804	2	340	80	420	2	0.3%	1.1
052804	3	300	20	320	1	0.3%	5.7
052804	4	380	30	410	2	0.3%	7.7
052805	1	1,210	130	1,340	5	1.1%	18.1
052805	3	650	70	720	3	0.6%	7.9
052805	4	100	30	130	1	0.1%	2.5
052806	1	350	210	560	2	0.4%	4.6
052806	2	420	170	590	2	0.5%	8.4
052806	3	110	260	370	1	0.3%	5.1
052806	4	410	80	490	2	0.4%	10.2
052901	1	1,090	240	1,330	5	1.1%	16.2
052901	3	1,380	50	1,430	6	1.1%	12.4
052901	4	340	100	440	2	0.3%	6.1
052901	5	750	90	840	3	0.7%	14.4
052904	2	250	0	250	1	0.2%	5.7
052904	5	1,450	180	1,630	6	1.3%	10.3
053001	1	290	120	410	2	0.3%	0.2
053001	2	1,020	160	1,180	5	0.9%	1.0
053001	3	770	210	980	4	0.8%	0.3
053002	1	400	100	500	2	0.4%	0.3
053002	2	400	70	470	2	0.4%	0.4
053002	3	180	70	250	1	0.2%	0.5
053002	4	310	130	440	2	0.3%	0.3
053002	5	550	80	630	2	0.5%	0.8
053002	6	230	50	280	1	0.2%	0.3
053101	1	290	0	290	1	0.2%	0.3
053101	2	210	70	280	1	0.2%	0.2
053102	1	970	0	970	4	0.8%	1.4
053102	2	510	220	730	3	0.6%	1.0
053102	3	640	40	680	3	0.5%	1.1
053102	4	110	70	180	1	0.1%	0.4
053201	1	2,370	80	2,450	10	1.9%	0.6
053201	2	330	190	520	2	0.4%	0.3
053201	3	380	0	380	1	0.3%	0.4
053202	1	170	50	220	1	0.2%	0.1
053202	2	130	160	290	1	0.2%	0.4
053202	3	370	0	370	1	0.3%	1.7
053202	4	340	50	390	2	0.3%	1.3
053202	5	0	60	60	0	0.0%	0.1
053301	1	430	0	430	2	0.3%	1.1
053301	2	460	20	480	2	0.4%	0.9
053301	3	440	150	590	2	0.5%	8.5
053301	4	800	50	850	3	0.7%	0.3
053302	1	220	60	280	1	0.2%	0.1
053302	2	390	0	390	2	0.3%	0.3
053302	3	140	120	260	1	0.2%	0.2
053302	4	520	120	640	3	0.5%	0.8
053302	5	330	130	460	2	0.4%	0.2
053400	1	430	210	640	3	0.5%	0.2
053400	2	460	0	460	2	0.4%	0.2
053400	3	180	40	220	1	0.2%	0.0
053400	4	570	160	730	3	0.6%	0.4
053503	1	780	60	840	3	0.7%	2.3
053503	2	170	80	250	1	0.2%	1.0
053503	3	180	50	230	1	0.2%	0.4
053503	4	510	100	610	2	0.5%	0.5
053503	5	190	40	230	1	0.2%	4.4
053503	7	320	50	370	1	0.3%	2.1
053504	1	350	190	540	2	0.4%	1.0
053504	4	500	90	590	2	0.5%	1.2
053505	1	180	80	260	1	0.2%	0.4
053505	2	400	150	550	2	0.4%	0.2
053505	3	260	100	360	1	0.3%	0.3
053505	4	300	0	300	1	0.2%	0.5
053506	1	180	100	280	1	0.2%	0.1
053506	2	130	20	150	1	0.1%	0.2
053506	3	310	160	470	2	0.4%	0.0
053506	4	290	40	330	1	0.3%	0.3
053506	5	540	100	640	3	0.5%	0.7
053506	6	250	50	300	1	0.2%	0.1
053601	1	280	0	280	1	0.2%	0.4
053601	2	360	160	520	2	0.4%	2.5
053601	3	220	90	310	1	0.2%	1.4
053601	4	280	220	500	2	0.4%	0.4
053601	5	280	60	340	1	0.3%	1.1
053601	6	150	30	180	1	0.1%	0.4
053601	7	390	0	390	2	0.3%	0.1
053602	1	320	40	360	1	0.3%	0.3
053602	2	340	20	360	1	0.3%	0.2
053602	3	420	30	450	2	0.4%	0.0
053602	4	230	90	320	1	0.3%	0.2
053602	5	0	0	0	0	0.0%	0.0
053801	1	180	110	290	1	0.2%	0.0
053801	2	220	40	260	1	0.2%	0.1
053801	3	160	100	260	1	0.2%	0.0
053802	1	380	100	480	2	0.4%	0.8
053802	3	530	150	680	3	0.5%	0.5
053803	4	430	30	460	2	0.4%	0.0
Totals		102,860	23,460	126,320	495	100.0%	893

Source: 2000 US Census; WA State Office of Financial Management, Forecasting Division - June 27, 2007; LSC, 2008.