

Appendix C – Model Data

Overall Performance Measures by Scenario

Performance Measure	Unit	2009 Existing	2030 Somerset Baseline	% Change from 2009 Existing	2030 Highway Rich	% Change from 2030 Somerset Baseline	2030 Transit Rich	% Change from 2030 Somerset Baseline	2030 Blend	% Change from 2030 Somerset Baseline
Project Composition			Baseline		Hwy Rich		Baseline		Baseline	
Demographics			Rev Plan		Rev Plan		Rev Plan		Rev Plan	
5% Capacity Reduction	No		Yes		No		N		N	
West Trenton Coding			No		Version 2		Version 2		Version 2	
Flemington Coding			No		No		Version 2		No	
TDM			No		Yes		Yes		Yes	
Regional Service Enhancement			No		No		Yes		Yes	
Transit Person Trips - SOMERSET										
		17,836	26,970	51.21%	27,283	1.16%	28,548	5.85%	28,814	6.84%
Person Trips by Mode and Purpose - SOMERSET (includes Trucks)										
		1,087,429	1,282,955	17.981%	1,252,403	-2.381%	1,252,375	-2.384%	1,252,407	-2.381%
Home Based Work (HBW) - includes Home Based University										
SOV	Trips	232,860	269,349	15.67%	242,362	-10.02%	241,962	-10.17%	241,364	-10.39%
HOV2	Trips	22,813	25,438	11.51%	23,077	-9.28%	23,084	-9.25%	23,164	-8.94%
HOV3+	Trips	4,039	4,338	7.40%	3,727	-14.08%	3,692	-14.89%	3,738	-13.83%
HOV4	Trips	2,775	2,990	7.75%	2,522	-15.65%	2,522	-15.65%	2,543	-14.95%
Walk to Rail	Trips	1,846	2,662	44.20%	2,471	-7.18%	2,880	8.19%	2,863	7.55%
Walk to Path	Trips	4	4	0.00%	3	-25.00%	2	-50.00%	2	-50.00%
Walk to Bus	Trips	682	761	11.58%	760	-0.13%	835	9.72%	884	16.16%
Walk to Ferry	Trips	1	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Walk to LRT	Trips	0	44	0.00%	52	18.18%	43	-2.27%	50	13.64%
Walk to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Walk to Transit	Trips	2,533	3,471	37.03%	3,287	-5.30%	3,761	8.35%	3,799	9.45%
Drive to Rail	Trips	10,036	14,383	43.31%	14,509	0.88%	14,481	0.68%	14,906	3.64%
Drive to Path	Trips	264	196	-25.76%	160	-18.37%	103	-47.45%	119	-39.29%
Drive to Bus	Trips	335	322	-3.88%	324	0.62%	321	-0.31%	334	3.73%
Drive to Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Drive to LRT	Trips	39	46	17.95%	32	-30.43%	27	-41.30%	30	-34.78%
Drive to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Drive to Transit	Trips	10,673	14,947	40.04%	15,024	0.52%	14,933	-0.09%	15,389	2.96%
Home Based Shop (HBSH)										
SOV	Trips	64,067	75,129	17.27%	75,125	-0.01%	75,003	-0.17%	74,997	-0.18%
HOV2	Trips	43,007	51,270	19.21%	51,270	0.00%	51,300	0.06%	51,308	0.07%
HOV3+	Trips	8,666	10,252	18.30%	10,251	-0.01%	10,265	0.13%	10,267	0.15%
HOV4	Trips	8,688	10,332	18.92%	10,331	-0.01%	10,352	0.19%	10,354	0.21%
Walk to Rail	Trips	21	52	147.62%	59	13.46%	80	53.85%	77	48.08%
Walk to Path	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Walk to Bus	Trips	93	93	0.00%	91	-2.15%	110	18.28%	116	24.73%
Walk to Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Walk to LRT	Trips	0	1	0.00%	1	0.00%	1	0.00%	1	0.00%
Walk to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Walk to Transit	Trips	114	146	28.07%	151	3.42%	191	30.82%	194	32.88%
Drive to Rail	Trips	47	133	182.98%	135	1.50%	152	14.29%	145	9.02%
Drive to Path	Trips	6	12	100.00%	12	0.00%	9	-25.00%	10	-16.67%
Drive to Bus	Trips	21	24	14.29%	26	8.33%	26	8.33%	26	8.33%
Drive to Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Drive to LRT	Trips	1	2	100.00%	2	0.00%	2	0.00%	2	0.00%
Drive to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Drive to Transit	Trips	76	172	126.32%	176	2.33%	189	9.88%	183	6.40%
Home Based Other (HBO)										
SOV	Trips	202,641	237,121	17.02%	237,009	-0.05%	236,385	-0.31%	236,445	-0.29%
HOV2	Trips	135,597	160,454	18.33%	160,265	-0.12%	160,099	-0.22%	160,200	-0.16%
HOV3+	Trips	49,962	58,892	17.87%	58,829	-0.11%	58,843	-0.08%	58,872	-0.03%
HOV4	Trips	47,182	55,684	18.02%	55,636	-0.09%	55,672	-0.02%	55,696	0.02%
Walk to Rail	Trips	695	1,465	110.79%	1,502	2.53%	1,810	23.55%	1,754	19.73%
Walk to Path	Trips	1	3	200.00%	3	0.00%	3	0.00%	3	0.00%
Walk to Bus	Trips	316	333	5.38%	345	3.60%	406	21.92%	422	26.73%
Walk to Ferry	Trips	1	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Walk to LRT	Trips	0	6	0.00%	6	0.00%	5	-16.67%	6	0.00%
Walk to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Walk to Transit	Trips	1,013	1,807	78.38%	1,856	2.71%	2,225	23.13%	2,184	20.86%
Drive to Rail	Trips	2,560	5,366	109.61%	5,638	5.07%	6,208	15.69%	5,954	10.96%
Drive to Path	Trips	434	445	2.53%	444	-0.22%	304	-31.69%	334	-24.94%
Drive to Bus	Trips	137	287	109.49%	365	27.18%	322	12.20%	355	23.69%
Drive to Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Drive to LRT	Trips	1	2	100.00%	2	0.00%	1	-50.00%	1	-50.00%
Drive to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Drive to Transit	Trips	3,132	6,100	94.76%	6,449	5.72%	6,835	12.05%	6,645	8.93%
Non-Home Based (NHB)										
SOV	Trips	143,851	171,901	19.50%	171,892	-0.01%	171,728	-0.10%	171,719	-0.11%
HOV2	Trips	59,605	70,784	18.76%	70,778	-0.01%	70,810	0.04%	70,811	0.04%
HOV3+	Trips	29,672	35,231	18.73%	35,228	-0.01%	35,266	0.10%	35,267	0.10%
HOV4	Trips	14,168	16,821	18.73%	16,819	-0.01%	16,847	0.15%	16,849	0.17%
Walk to Rail	Trips	24	33	37.50%	38	15.15%	56	69.70%	51	54.55%
Walk to Path	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Walk to Bus	Trips	177	172	-2.82%	175	1.74%	209	21.51%	226	31.40%
Walk to Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Walk to LRT	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Walk to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Walk to Transit	Trips	201	205	1.99%	213	3.90%	265	29.27%	277	35.12%

Overall Performance Measures by Scenario

Performance Measure	Unit	2009 Existing	2030 Somerset Baseline	% Change from 2009 Existing	2030 Highway Rich	% Change from 2030 Somerset Baseline	2030 Transit Rich	% Change from 2030 Somerset Baseline	2030 Blend	% Change from 2030 Somerset Baseline
Project Composition			Baseline		Hwy Rich		Baseline		Baseline	
Demographics		No	Rev Plan		Rev Plan		Rev Plan		Rev Plan	
5% Capacity Reduction		No	Yes		No		N		N	
West Trenton Coding		No	No		Version 2		Version 2		Version 2	
Flemington Coding		No	No		No		Version 2		No	
TDM		No	No		Yes		Yes		Yes	
Regional Service Enhancement		No	No		No		Yes		Yes	
Drive to Rail	Trips	56	84	50.00%	88	4.76%	107	27.38%	102	21.43%
Drive to Path	Trips	2	2	0.00%	1	-50.00%	1	-50.00%	1	-50.00%
Drive to Bus	Trips	36	36	0.00%	38	5.56%	41	13.89%	39	8.33%
Drive to Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Drive to LRT	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Drive to LH Ferry	Trips	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total Drive to Transit	Trips	94	122	29.79%	127	4.10%	149	22.13%	143	17.21%
Person Trips by Mode and Purpose - REGIONWIDE (includes Trucks)		30,358,906	35,478,507	16.864%	35,417,397	-0.172%	35,418,391	-0.169%	35,418,128	-0.170%
Home Based Work (HBW) - includes Home Based University										
SOV	Trips	6,608,906	7,589,831	14.84%	7,553,418	-0.48%	7,521,061	-0.91%	7,527,588	-0.82%
HOV2	Trips	748,514	867,715	15.93%	859,605	-0.93%	854,937	-1.47%	855,640	-1.39%
HOV3+	Trips	143,911	170,488	18.47%	161,527	-5.26%	160,001	-6.15%	160,252	-6.00%
HOV4	Trips	102,380	123,006	20.15%	113,692	-7.57%	112,848	-8.26%	113,179	-7.99%
Walk to Rail	Trips	69,218	127,935	84.83%	126,464	-1.15%	143,771	12.38%	141,998	10.99%
Walk to Path	Trips	143,900	137,942	-4.14%	142,674	3.43%	149,171	8.14%	147,513	6.94%
Walk to Bus	Trips	291,961	272,188	-6.77%	272,453	0.10%	277,043	1.78%	277,793	2.06%
Walk to Ferry	Trips	60,630	91,303	50.59%	91,774	0.52%	94,847	3.88%	94,083	3.04%
Walk to LRT	Trips	11,702	93,017	694.88%	91,123	-2.04%	88,914	-4.41%	89,887	-3.36%
Walk to LH Ferry	Trips	100	506	406.00%	489	-3.36%	482	-4.74%	486	-3.95%
Total Walk to Transit	Trips	577,511	722,890	25.17%	724,978	0.29%	754,229	4.34%	751,761	3.99%
Drive to Rail	Trips	169,743	294,877	73.72%	290,954	-1.33%	307,542	4.30%	304,127	3.14%
Drive to Path	Trips	32,581	27,300	-16.21%	28,691	5.10%	26,126	-4.30%	26,497	-2.94%
Drive to Bus	Trips	80,962	86,426	6.75%	88,425	2.31%	86,274	-0.18%	84,231	-2.54%
Drive to Ferry	Trips	27,704	41,400	49.44%	41,638	0.57%	41,108	-0.71%	40,531	-2.10%
Drive to LRT	Trips	3,409	16,139	373.42%	16,040	-0.61%	15,484	-4.06%	15,553	-3.63%
Drive to LH Ferry	Trips	1,624	1,416	-12.81%	1,404	-0.85%	1,417	0.07%	1,412	-0.28%
Total Drive to Transit	Trips	316,022	467,557	47.95%	467,150	-0.09%	477,951	2.22%	472,350	1.03%
Home Based Shop (HBSH)										
SOV	Trips	1,563,779	1,794,914	14.78%	1,794,945	0.00%	1,793,925	-0.06%	1,793,830	-0.06%
HOV2	Trips	1,148,948	1,346,938	17.23%	1,346,873	0.00%	1,345,833	-0.08%	1,345,861	-0.08%
HOV3+	Trips	225,880	262,349	16.15%	262,319	-0.01%	262,119	-0.09%	262,122	-0.09%
HOV4	Trips	228,596	269,011	17.68%	268,990	-0.01%	268,423	-0.22%	268,449	-0.21%
Walk to Rail	Trips	1,778	5,581	213.89%	5,485	-1.72%	6,690	19.87%	6,691	19.89%
Walk to Path	Trips	6,517	10,166	55.99%	10,216	0.49%	10,451	2.80%	10,381	2.11%
Walk to Bus	Trips	21,854	25,471	16.55%	25,709	0.93%	26,863	5.47%	26,963	5.86%
Walk to Ferry	Trips	1,863	2,141	14.92%	2,138	-0.14%	2,013	-5.98%	2,001	-6.54%
Walk to LRT	Trips	941	8,630	817.11%	8,525	-1.22%	8,241	-4.51%	8,242	-4.50%
Walk to LH Ferry	Trips	1	19	1800.00%	18	-5.26%	18	-5.26%	18	-5.26%
Total Walk to Transit	Trips	32,953	52,008	57.82%	52,092	0.16%	54,277	4.36%	54,296	4.40%
Drive to Rail	Trips	3,893	10,836	178.35%	10,566	-2.49%	12,069	11.38%	12,139	12.02%
Drive to Path	Trips	2,275	3,488	53.32%	3,569	2.32%	3,159	-9.43%	3,134	-10.15%
Drive to Bus	Trips	2,194	2,694	22.79%	2,717	0.85%	2,407	-10.65%	2,405	-10.73%
Drive to Ferry	Trips	3,822	6,034	57.88%	6,220	3.08%	6,108	1.23%	6,095	1.01%
Drive to LRT	Trips	168	873	419.64%	854	-2.18%	825	-5.50%	815	-6.64%
Drive to LH Ferry	Trips	86	77	-10.47%	77	0.00%	77	0.00%	77	0.00%
Total Drive to Transit	Trips	12,439	24,002	92.96%	24,004	0.01%	24,646	2.68%	24,666	2.77%
Home Based Other (HBO)										
SOV	Trips	5,180,440	6,033,431	16.47%	6,033,812	0.01%	6,026,631	-0.11%	6,026,883	-0.11%
HOV2	Trips	3,646,866	4,287,734	17.57%	4,287,356	-0.01%	4,279,288	-0.20%	4,280,506	-0.17%
HOV3+	Trips	1,329,862	1,555,626	16.98%	1,555,313	-0.02%	1,553,029	-0.17%	1,553,397	-0.14%
HOV4	Trips	1,257,492	1,474,371	17.25%	1,474,100	-0.02%	1,471,446	-0.20%	1,471,862	-0.17%
Walk to Rail	Trips	19,965	48,476	142.80%	48,210	-0.55%	56,584	16.73%	56,273	16.08%
Walk to Path	Trips	44,934	55,335	23.15%	56,132	1.44%	57,704	4.28%	56,881	2.79%
Walk to Bus	Trips	54,464	93,058	70.86%	94,631	1.69%	96,033	3.20%	96,832	4.06%
Walk to Ferry	Trips	54,149	68,782	27.02%	67,608	-1.71%	70,288	2.19%	69,063	0.41%
Walk to LRT	Trips	4,057	29,532	627.93%	28,902	-2.13%	28,281	-4.24%	28,381	-3.90%
Walk to LH Ferry	Trips	9	320	3455.56%	320	0.00%	311	-2.81%	310	-3.13%
Total Walk to Transit	Trips	177,578	295,502	66.41%	295,802	0.10%	309,201	4.64%	307,739	4.14%
Drive to Rail	Trips	38,282	84,230	120.03%	83,509	-0.86%	94,079	11.69%	93,511	11.02%
Drive to Path	Trips	16,662	17,453	4.75%	18,134	3.90%	15,552	-10.89%	15,741	-9.81%
Drive to Bus	Trips	15,909	16,567	4.14%	16,669	0.62%	15,338	-7.42%	15,060	-9.10%
Drive to Ferry	Trips	9,275	15,559	67.75%	15,767	1.34%	15,998	2.82%	15,857	1.92%
Drive to LRT	Trips	594	1,763	196.80%	1,776	0.74%	1,717	-2.61%	1,719	-2.50%
Drive to LH Ferry	Trips	451	443	-1.77%	442	-0.23%	440	-0.68%	441	-0.45%
Total Drive to Transit	Trips	81,174	136,016	67.56%	136,297	0.21%	143,123	5.23%	142,330	4.64%
Non-Home Based (NHB)										
SOV	Trips	3,782,463	4,281,856	13.20%	4,281,678	0.00%	4,277,687	-0.10%	4,277,687	-0.10%
HOV2	Trips	1,801,816	2,042,409	13.35%	2,042,264	-0.01%	2,040,610	-0.09%	2,040,657	-0.09%
HOV3+	Trips	888,281	1,003,350	12.95%	1,003,289	-0.01%	1,002,480	-0.09%	1,002,504	-0.08%
HOV4	Trips	437,690	494,635	13.01%	494,565	-0.01%	494,146	-0.10%	494,186	-0.09%
Walk to Rail	Trips	2,795	5,977	113.85%	6,007	0.50%	7,909	32.32%	7,860	31.50%

Overall Performance Measures by Scenario

Performance Measure	Unit	2009 Existing	2030 Somerset Baseline	% Change from 2009 Existing	2030 Highway Rich	% Change from 2030 Somerset Baseline	2030 Transit Rich	% Change from 2030 Somerset Baseline	2030 Blend	% Change from 2030 Somerset Baseline
Project Composition			Baseline		Hwy Rich		Baseline		Baseline	
Demographics		No	Rev Plan		Rev Plan		Rev Plan		Rev Plan	
5% Capacity Reduction			Yes		No		N		N	
West Trenton Coding			No		Version 2		Version 2		Version 2	
Flemington Coding			No		No		Version 2		No	
TDM			No		Yes		Yes		Yes	
Regional Service Enhancement			No		No		Yes		Yes	
Walk to Path	Trips	11,789	12,023	1.98%	11,995	-0.23%	12,139	0.96%	12,121	0.82%
Walk to Bus	Trips	20,114	114,446	468.99%	114,099	-0.30%	119,762	4.64%	119,769	4.65%
Walk to Ferry	Trips	19,937	27,045	35.65%	27,817	2.85%	26,765	-1.04%	26,699	-1.28%
Walk to LRT	Trips	2,059	10,855	427.20%	10,752	-0.95%	10,457	-3.67%	10,495	-3.32%
Walk to LH Ferry	Trips	0	2	0.00%	2	0.00%	2	0.00%	2	0.00%
Total Walk to Transit	Trips	56,694	170,349	200.47%	170,672	0.19%	177,034	3.92%	176,946	3.87%
Drive to Rail	Trips	2,799	4,044	44.48%	4,047	0.07%	4,858	20.13%	4,853	20.00%
Drive to Path	Trips	684	619	-9.50%	621	0.32%	559	-9.69%	559	-9.69%
Drive to Bus	Trips	2,516	2,399	-4.65%	2,450	2.13%	2,491	3.83%	2,475	3.17%
Drive to Ferry	Trips	2,427	4,767	96.42%	4,851	1.76%	4,885	2.48%	4,877	2.31%
Drive to LRT	Trips	278	681	144.96%	679	-0.29%	667	-2.06%	666	-2.20%
Drive to LH Ferry	Trips	7	8	14.29%	8	0.00%	8	0.00%	8	0.00%
Total Drive to Transit	Trips	8,711	12,517	43.69%	12,656	1.11%	13,467	7.59%	13,439	7.37%
Non-Motorized Trips Somerset		53,693	62,700	16.78%	62,707	0.01%	62,700	0.00%	62,697	0.00%
Home Based Work Direct (HBWD)	Trips	3,286	3,783	15.13%	3,782	-0.03%	3,783	0.00%	3,781	-0.06%
Home Based Work Strategic (HBWS)	Trips	875	1,040	18.88%	1,040	0.00%	1,040	0.00%	1,040	0.00%
Home Based Shopping (HBSH)	Trips	5,272	6,326	19.99%	6,326	-0.01%	6,326	0.00%	6,325	-0.02%
Home Based Other (HBO)	Trips	29,054	34,235	17.84%	34,235	0.00%	34,235	0.00%	34,234	0.00%
Work Based Other (WBO)	Trips	6,355	7,156	12.60%	7,165	0.12%	7,156	0.00%	7,157	0.01%
Non-Home Non-Work (NHNW)	Trips	8,563	9,849	15.03%	9,849	0.00%	9,849	0.00%	9,849	0.00%
Home Based University (HBU)	Trips	288	309	7.38%	310	0.27%	309	0.00%	310	0.23%
Average Speed by Trip Purpose	mph	32.59	28.67	-12.02%	30.11	5.01%	30.13	5.08%	30.14	5.13%
Home Based Work Direct (HBWD)	mph	24.21	20.28	-16.23%	21.81	7.54%	21.58	6.42%	22.09	8.93%
Home Based Work Strategic (HBWS)	mph	23.03	19.09	-17.08%	20.52	7.47%	20.30	6.32%	20.82	9.01%
Home Based Shopping (HBSH)	mph	22.71	22.88	0.71%	22.84	-0.18%	22.88	0.01%	22.85	-0.10%
Home Based Other (HBO)	mph	22.70	22.71	0.04%	22.67	-0.15%	22.71	0.00%	22.69	-0.08%
Work Based Other (WBO)	mph	27.96	27.82	-0.47%	27.80	-0.09%	27.82	0.00%	27.80	-0.10%
Non-Home Non-Work (NHNW)	mph	21.62	21.50	-0.56%	21.46	-0.20%	21.50	0.00%	21.48	-0.12%
Average Trip Length										
Home Based Work Direct (HBWD)	Miles	14.72	12.48	-15.19%	13.39	7.23%	13.20	5.71%	13.46	7.79%
Home Based Work Strategic (HBWS)	miles	12.44	9.98	-19.79%	10.79	8.06%	10.62	6.40%	10.86	8.85%
Home Based Shop (HBSH)	miles	6.54	6.62	1.22%	6.61	-0.20%	6.62	0.02%	6.62	-0.12%
Home Based Other (HBO)	miles	6.29	6.27	-0.19%	6.26	-0.18%	6.27	0.00%	6.27	-0.11%
Work Based Other (WBO)	miles	10.69	10.66	-0.33%	10.64	-0.13%	10.66	-0.01%	10.64	-0.14%
Non-Home Non-Work (NHNW)	miles	5.96	5.91	-0.97%	5.89	-0.22%	5.91	0.00%	5.90	-0.15%
VMT - Vehicle Miles of Travel	MVMT	10,338	11,698	13.16%	11,630	-0.58%	11,601	-0.83%	11,626	-0.62%
Freeways + Expressways	%	39.09%	38.65%	-1.12%	38.85%	0.50%	38.98%	0.84%	38.83%	0.47%
Freeways	%	38.42%	37.99%	-1.13%	38.19%	0.53%	38.32%	0.89%	38.17%	0.48%
Expressways	%	0.67%	0.66%	-0.45%	0.66%	-1.33%	0.65%	-1.63%	0.66%	0.05%
Principal Arterials	%	21.34%	21.78%	2.05%	21.72%	-0.29%	21.75%	-0.13%	21.76%	-0.10%
Major Arterials	%	25.80%	25.15%	-2.55%	25.06%	-0.35%	25.18%	0.15%	25.21%	0.27%
Minor Arterials /Collectors /Locals	%	13.77%	14.42%	4.77%	14.38%	-0.30%	14.09%	-2.33%	14.19%	-1.59%
VMT per Capita	VMT/Person	32,036	31,866	-0.53%	31,682	-0.58%	31,601	-0.83%	31,669	-0.62%
Percentage of VMT at Congested Conditions	%	18.1%	22.5%	23.92%	20.6%	-8.46%	20.5%	-9.01%	20.9%	-7.22%
VHT - Vehicle Hours of Travel	MVHT	0.317	0.408	28.61%	0.386	-5.32%	0.385	-5.63%	0.386	-5.47%
VHT per Capita	VHT/Person	0.983	1.111	13.06%	1.052	-5.32%	1.049	-5.63%	1.051	-5.47%
Total Truck Trips										
I-I Trk Medium	Trips	17,940	20,933	16.68%	20,950	0.08%	20,933	0.00%	20,951	0.09%
I-I Trk Heavy	Trips	17,513	20,120	14.89%	20,130	0.05%	20,120	0.00%	20,129	0.04%
Commercial	Trips	12,532	14,922	19.07%	14,930	0.05%	14,922	0.00%	14,931	0.06%
E-I Hwy Trk Medium	Trips	311	317	1.93%	317	0.00%	317	0.00%	317	0.00%
E-I Hwy Trk Heavy	Trips	1,181	1,181	0.00%	1,181	0.00%	1,181	0.00%	1,181	0.00%
E-I MC Trk Medium	Trips	103	103	0.00%	103	0.00%	103	0.00%	103	0.00%
E-I MC Trk Heavy	Trips	338	339	0.30%	339	0.00%	339	0.00%	339	0.00%
E-I-E Trk Medium	Trips	8	8	0.00%	8	0.00%	8	0.00%	8	0.00%
E-I-E Trk Heavy	Trips	185	185	0.00%	185	0.00%	185	0.00%	185	0.00%
All Trk Medium	Trips	20,044	23,134	15.42%	23,152	0.08%	23,134	0.00%	23,153	0.08%
All Trk Heavy	Trips	21,728	24,435	12.46%	24,447	0.05%	24,435	0.00%	24,448	0.05%
Commercial	Trips	12,532	14,922	19.07%	14,930	0.05%	14,922	0.00%	14,931	0.06%
Truck - Vehicle Miles of Travel	MVMT	0.762	0.782	2.60%	0.788	0.82%	0.789	0.94%	0.786	0.59%
Population		322,700	367,100		367,100		367,100		367,100	
Employment		224,700	278,800		278,800		278,800		278,800	
Households		117,910	136,700		136,700		136,700		136,700	
Transit Trips - Regionwide		1,389,272	1,886,877	35.82%	1,889,626	0.15%	1,960,183	3.89%	1,949,762	3.33%
<u>Peak Walk Access</u>										
Rail	Trips	63,428	121,201	91.08%	119,405	-1.48%	122,912	1.41%	122,088	0.73%
Path	Trips	143,017	142,929	-0.06%	148,752	4.07%	156,122	9.23%	153,533	7.42%
Bus	Trips	331,662	317,458	-4.28%	319,964	0.79%	332,503	4.74%	333,899	5.18%
Ferry	Trips	85,858	119,632	39.34%	119,700	0.06%	122,757	2.61%	120,689	0.88%

Overall Performance Measures by Scenario

Performance Measure	Unit	2009 Existing	2030 Somerset Baseline	% Change from 2009 Existing	2030 Highway Rich	% Change from 2030 Somerset Baseline	2030 Transit Rich	% Change from 2030 Somerset Baseline	2030 Blend	% Change from 2030 Somerset Baseline
Project Composition			Baseline		Hwy Rich		Baseline		Baseline	
Demographics		No	Rev Plan		Rev Plan		Rev Plan		Rev Plan	
5% Capacity Reduction			Yes		No		N		N	
West Trenton Coding			No		Version 2		Version 2		Version 2	
Flemington Coding			No		No		Version 2		No	
TDM			No		Yes		Yes		Yes	
Regional Service Enhancement			No		No		Yes		Yes	
Peak Auto Access										
LRT	Trips	14,145	108,499	667.05%	105,825	-2.46%	104,004	-4.14%	105,114	-3.12%
LH Ferry	Trips	111	586	427.93%	569	-2.90%	581	-0.85%	586	0.00%
Off-Peak Walk Access										
Rail	Trips	178,895	324,918	81.62%	321,110	-1.17%	328,998	1.26%	326,378	0.45%
Path	Trips	33,651	28,030	-16.70%	30,650	9.35%	29,003	3.47%	29,275	4.44%
Bus	Trips	67,121	61,875	-7.82%	64,161	3.69%	67,331	8.82%	64,698	4.56%
Ferry	Trips	27,517	43,929	59.64%	44,698	1.75%	45,035	2.52%	44,301	0.85%
LRT	Trips	3,450	16,966	391.77%	16,926	-0.24%	16,421	-3.21%	16,477	-2.88%
LH Ferry	Trips	2,168	1,892	-12.73%	1,879	-0.69%	1,892	0.00%	1,888	-0.21%
Off-Peak Auto Access										
Rail	Trips	30,528	67,185	120.08%	67,148	-0.06%	92,590	37.81%	91,264	35.84%
Path	Trips	64,139	72,564	13.14%	72,292	-0.37%	73,376	1.12%	73,395	1.15%
Bus	Trips	182,480	192,993	5.76%	192,205	-0.41%	192,551	-0.23%	192,818	-0.09%
Ferry	Trips	50,722	69,639	37.30%	69,637	0.00%	71,157	2.18%	71,158	2.18%
LRT	Trips	4,615	33,537	626.70%	33,478	-0.18%	31,890	-4.91%	31,891	-4.91%
LH Ferry	Trips	0	261	0.00%	260	-0.38%	230	-11.88%	230	-11.88%
Off-Peak Auto Access										
Rail	Trips	35,924	69,250	92.77%	68,130	-1.62%	89,757	29.61%	88,451	27.73%
Path	Trips	18,555	20,835	12.29%	20,369	-2.24%	16,398	-21.30%	16,661	-20.03%
Bus	Trips	34,575	46,326	33.99%	46,215	-0.24%	39,287	-15.19%	39,582	-14.56%
Ferry	Trips	15,711	23,831	51.68%	23,778	-0.22%	23,064	-3.22%	23,059	-3.24%
LRT	Trips	1,000	2,490	149.00%	2,424	-2.65%	2,274	-8.67%	2,277	-8.55%
LH Ferry	Trips	0	51	0.00%	51	0.00%	50	-1.96%	50	-1.96%
West Trenton Rail Line										
West Trenton Station	Passngr				77		74		75	
I-95	Passngr				206		161		159	
Hopewell	Passngr				492		408		408	
Belle Mead	Passngr				1,111		589		612	
Hillsborough	Passngr				1,126		1,186		1,280	
AM Peak Period Eastbound Boardings	Passngr				3,012		2,418		2,534	
West Trenton Station	Passngr				20		25		25	
I-95	Passngr				22		28		27	
Hopewell	Passngr				28		52		52	
Belle Mead	Passngr				72		72		72	
Hillsborough	Passngr				180		298		348	
Off-Peak & PM-Peak Eastbound Boardings	Passngr				322		475		524	
West Trenton Station	Passngr				97		99		100	
I-95	Passngr				228		189		186	
Hopewell	Passngr				520		460		460	
Belle Mead	Passngr				1,183		661		684	
Hillsborough	Passngr				1,306		1,484		1,628	
Total Eastbound Daily Boardings	Passngr				3,334		2,893		3,058	
Flemington Rail Line										
Total Eastbound Daily Boardings	Passngr						2,853			