

Appendix I:
Scenarios 3-5 Trip Generation

Study: Route 26 Corridor
Scenario: 3

							AM Adjacent Street													PM Adjacent Street												
Type	Section		SF/DU's	Size Assumption	SF	Land Use	Rate	Total Trips	% Pass By Trips	Entering					Exiting					Rate	Total Trips	% Pass By Trips	Entering					Exiting				
										% Enter	% Internal Trip Loss	Total	New Trips	Pass By	% Exit	% Internal Trip Loss	Total	New Trips	Pass By				% Enter	% Internal Trip Loss	Total	New Trips	Pass By	% Exit	% Internal Trip Loss	Total	New Trips	Pass By
3-Retail	A	9.58	76,640	avg size	1,000	945 Gasoline/Service Station with Convenience Market	82.13	83	62%	50%	28%	30	12	18	50%	30%	30	12	18	97.47	98	62%	50%	20%	40	16	24	50%	20%	40	16	24
				avg size	4,000	934 Fast Food Restaurant with Drive Thru Window	45.42	182	50%	51%	28%	67	34	33	49%	30%	63	32	31	32.65	131	50%	52%	20%	55	28	27	48%	20%	51	26	25
				remainder	71,640	820 Shopping Center	0.96	69	43%	62%	28%	31	18	13	38%	30%	19	11	8	3.71	266	43%	48%	20%	103	59	44	52%	20%	111	64	47
				76,640		Total		334				128	64	64			112	55	57		495				198	103	95			202	106	96
	B	45.68	365,440	total	365,440	820 Shopping Center	0.96	351	27%	62%	28%	157	115	42	38%	30%	94	69	25	3.71	1,356	27%	48%	20%	521	381	140	52%	20%	565	413	152
					365,440	Retail		351				157	115	42			94	69	25		1,356				521	381	140			565	413	152
	C	28.74	229,920	total	229,920	820 Shopping Center	0.96	221	31%	62%	28%	99	69	30	38%	30%	59	41	18	3.71	854	31%	48%	20%	328	227	101	52%	20%	356	246	110
					229,920	Retail		221				99	69	30			59	41	18		854				328	227	101			356	246	110
	D	6.68	53,440	avg size	1,000	945 Gasoline/Service Station with Convenience Market	82.13	83	62%	50%	28%	30	12	18	50%	30%	30	12	18	97.47	98	62%	50%	20%	40	16	24	50%	20%	40	16	24
				avg size	4,000	934 Fast Food Restaurant with Drive Thru Window	45.42	182	50%	51%	28%	67	34	33	49%	30%	63	32	31	32.65	131	50%	52%	20%	55	28	27	48%	20%	51	26	25
				remainder	48,440	820 Shopping Center	0.96	47	48%	62%	28%	21	11	10	38%	30%	13	7	6	3.71	180	48%	48%	20%	70	37	33	52%	20%	75	39	36
				53,440		Retail		312				118	57	61			106	51	55		409				165	81	84			166	81	85
	E	2.29	18,320	total	18,320	820 Shopping Center	0.96	18	64%	62%	28%	9	4	5	38%	30%	5	2	3	3.71	68	64%	48%	20%	27	10	17	52%	20%	29	11	18
					18,320	Retail		18				9	4	5			5	2	3		-				27	10	17			29	11	18
	F	10.99	87,920	total	87,920	820 Shopping Center	0.96	85	41%	62%	28%	38	23	15	38%	30%	23	14	9	3.71	327	41%	48%	20%	126	75	51	52%	20%	137	81	56
					87,920	Retail		85				38	23	15			23	14	9		-				126	75	51			137	81	56
	Total							1,321				549	332	217			399	232	167		3,114				1,365	877	488			1,455	938	517
3-Light Commercial	A	3.98	31,840		31,840	710 General Office Building	1.56	50		88%	15%	38	38	-	12%	22%	5	5	-	1.49	48		17%	31%	6	6	-	83%	23%	31	31	-
					31,840	General Office Building		50				38	38	-			5	5	-		-			6	6	-			31	31	-	
	B	22	176,000		176,000	710 General Office Building	1.56	275		88%	15%	206	206	-	12%	22%	26	26	-	1.49	263		17%	31%	31	31	-	83%	23%	169	169	-
					176,000	General Office Building		275				206	206	-			26	26	-		-			31	31	-			169	169	-	
	C	17.26	138,080		138,080	710 General Office Building	1.56	216		88%	15%	162	162	-	12%	22%	21	21	-	1.49	206		17%	31%	25	25	-	83%	23%	132	132	-
					138,080	General Office Building		216				162	162	-			21	21	-		-			25	25	-			132	132	-	
	D	2.64	21,120		21,120	710 General Office Building	1.56	33		88%	15%	25	25	-	12%	22%	4	4	-	1.49	32		17%	31%	4	4	-	83%	23%	21	21	-
					21,120	General Office Building		33				25	25	-			4	4	-		-			4	4	-			21	21	-	
	E	5.27	42,160		42,160	710 General Office Building	1.56	66		88%	15%	50	50	-	12%	22%	7	7	-	1.49	63		17%	31%	8	8	-	83%	23%	41	41	-
					42,160	General Office Building		66				50	50	-			7	7	-		-			8	8	-			41	41	-	
F	4.98	39,840		39,840	710 General Office Building	1.56	63		88%	15%	48	48	-	12%	22%	6	6	-	1.49	60		17%	31%	8	8	-	83%	23%	39	39	-	
				39,840	General Office Building		63				48	48	-			6	6	-		-			8	8	-			39	39	-		
G	8.17	65,360		65,360	710 General Office Building	1.56	102		88%	15%	77	77	-	12%	22%	10	10	-	1.49	98		17%	31%	12	12	-	83%	23%	63	63	-	
				65,360	General Office Building		102				77	77	-			10	10	-		-			12	12	-			63	63	-		
Total							805				606	606	-			79	79	-		-			94	94	-			496	496	-		
3-Manufacturing	A	9.99	99,900		99,900	140 Manufacturing	0.40	40		73%	15%	25	25	-	27%	22%	9	9	-	0.36	36		44%	31%	11	11	-	56%	23%	16	16	-
					99,900	Manufacturing		40				25	25	-			9	9	-		-			11	11	-			16	16	-	
Total							40				25	25	-			9	9	-		-			11	11	-			16	16	-		
3-High Density Residential	A	29.53	129		129	230 Residential Condominium/Townhouse	0.44	57		17%	33%	7	7	-	83%	38%	30	30	-	0.52	68		67%	31%	32	32	-	33%	53%	11	11	-
					129	High Density Residential		57				7	7	-			30	30	-		-			32	32	-			11	11	-	
	B	6.83	30		30	230 Residential Condominium/Townhouse	0.44	14		17%	33%	2	2	-	83%	38%	8	8	-	0.52	16		67%	31%	8	8	-	33%	53%	3	3	-
					30	High Density Residential		14				2	2	-			8	8	-		-			8	8	-			3	3	-	
	C	15.15	66		66	230 Residential Condominium/Townhouse	0.44	30		17%	33%	4	4	-	83%	38%	16	16	-	0.52	35		67%	31%	17	17	-	33%	53%	6	6	-
					66	High Density Residential		30				4	4	-			16	16	-		-			17	17	-			6	6	-	
	D	6.09	27		27	230 Residential Condominium/Townhouse	0.44	12		17%	33%	2	2	-	83%	38%	7	7	-	0.52	15		67%	31%	7	7	-	33%	53%	3	3	-
					27	High Density Residential		12				2	2	-			7	7	-		-			7	7	-			3	3	-	
	E	16.09	70		70	230 Residential Condominium/Townhouse	0.44	31		17%	33%	4	4	-	83%	38%	16	16	-	0.52	37		67%	31%	18	18	-	33%	53%	6	6	-
					70	High Density Residential		31				4	4	-			16	16	-		-			18	18	-			6	6	-	
	F	30.74	134		134	230 Residential Condominium/Townhouse	0.44	59		17%	33%	7	7	-	83%	38%	31	31	-	0.52	70		67%	31%	33	33	-	33%	53%	11	11	-
					134	High Density Residential		59				7	7	-			31	31	-		-			33	33	-			11	11	-	
G	45.47	198		198	230 Residential Condominium/Townhouse	0.44	88		17%	33%	11	11	-	83%	38%	46	46	-	0.52	103		67%	31%	48	48	-	33%	53%	16	16	-	
				198	High Density Residential		88				11	11	-			46	46	-		-			48	48	-			16	16	-		
Total																																

Study: Route 26 Corridor
Scenario: 4

							AM Adjacent Street													PM Adjacent Street												
Type	Section		SF/DU's	Size Assumption	SF	Land Use	Rate	Total Trips	% Pass By Trips	Entering					Exiting					Rate	Total Trips	% Pass By Trips	Entering					Exiting				
										% Enter	% Internal Trip Loss	Total	New Trips	Pass By	% Exit	% Internal Trip Loss	Total	New Trips	Pass By				% Enter	% Internal Trip Loss	Total	New Trips	Pass By	% Exit	% Internal Trip Loss	Total	New Trips	Pass By
4 - Retail	A	6.16	49,280	total	49,280	820 Shopping Center	0.96	48	43%	62%	28%	22	13	9	38%	30%	13	8	5	3.71	183	43%	48%	20%	71	41	30	52%	20%	77	44	33
					49,280	Total		48				22	13	9			13	8	5		183				71	41	30			77	44	33
	B	10.98	87,840	total	87,840	820 Shopping Center	0.96	85	27%	62%	28%	38	28	10	38%	30%	23	17	6	3.71	326	27%	48%	20%	126	92	34	52%	20%	136	100	36
					87,840	Retail		85				38	28	10			23	17	6		326				126	92	34			136	100	36
	C	11.23	89,840	total	89,840	820 Shopping Center	0.96	87	31%	62%	28%	39	27	12	38%	30%	24	17	7	3.71	334	31%	48%	20%	129	90	39	52%	20%	139	96	43
					89,840	Retail		87				39	27	12			24	17	7		334				129	90	39			139	96	43
D	18.11	144,880	total	144,880	820 Shopping Center	0.96	140	41%	62%	28%	63	38	25	38%	30%	38	23	15	3.71	538	41%	48%	20%	207	123	84	52%	20%	224	133	91	
				144,880	Retail		140				63	38	25			38	23	15		-				207	123	84			224	133	91	
Total								360				162	106	56			98	65	33		843				533	346	187			576	373	203
4-Light Commercial	A	1.33	10,640	total	10,640	710 General Office Building	1.56	17		88%	15%	13	13	-	12%	22%	2	2	-	1.49	16		17%	31%	2	2	-	83%	23%	11	11	-
					10,640	General Office Building		17				13	13	-			2	2	-		-			2	2	-			11	11	-	
	B	3.38	27,040	total	27,040	710 General Office Building	1.56	43		88%	15%	33	33	-	12%	22%	5	5	-	1.49	41		17%	31%	5	5	-	83%	23%	27	27	-
					27,040	General Office Building		43				33	33	-			5	5	-		-			5	5	-			27	27	-	
	C	3.02	24,160	total	24,160	710 General Office Building	1.56	38		88%	15%	29	29	-	12%	22%	4	4	-	1.49	36		17%	31%	5	5	-	83%	23%	24	24	-
					24,160	General Office Building		38				29	29	-			4	4	-		-			5	5	-			24	24	-	
	D	10.86	86,880	total	86,880	710 General Office Building	1.56	136		88%	15%	102	102	-	12%	22%	13	13	-	1.49	130		17%	31%	16	16	-	83%	23%	84	84	-
					86,880	General Office Building		136				102	102	-			13	13	-		-			16	16	-			84	84	-	
E	3.74	29,920	total	29,920	710 General Office Building	1.56	47		88%	15%	36	36	-	12%	22%	5	5	-	1.49	45		17%	31%	6	6	-	83%	23%	29	29	-	
				29,920	General Office Building		47				36	36	-			5	5	-		-			6	6	-			29	29	-		
Total							281				213	213	-			29	29	-		-			-	34	34	-			175	175	-	
4-High Density Residential	A	14.24	62		62	230 Residential Condominium/Townhouse	0.44	28		17%	33%	4	4	-	83%	38%	15	15	-	0.52	33		67%	31%	16	16	-	33%	53%	6	6	-
					62	High Density Residential		28				4	4	-			15	15	-		-			16	16	-			6	6	-	
	B	85.09	370		370	230 Residential Condominium/Townhouse	0.44	163		17%	33%	19	19	-	83%	38%	84	84	-	0.52	193		67%	31%	90	90	-	33%	53%	30	30	-
					370	High Density Residential		163				19	19	-			84	84	-		-			90	90	-			30	30	-	
	C	24.38	106		106	230 Residential Condominium/Townhouse	0.44	47		17%	33%	6	6	-	83%	38%	25	25	-	0.52	56		67%	31%	26	26	-	33%	53%	9	9	-
					106	High Density Residential		47				6	6	-			25	25	-		-			26	26	-			9	9	-	
D	11.83	51		51	230 Residential Condominium/Townhouse	0.44	23		17%	33%	3	3	-	83%	38%	12	12	-	0.52	27		67%	31%	13	13	-	33%	53%	5	5	-	
				51	High Density Residential		23				3	3	-			12	12	-		-			13	13	-			5	5	-		
Total							261				32	32	-			136	136	-		-			145	145	-			50	50	-		
4 - Residential	A	37.05	81		81	210 Single-Family Detached Housing	0.75	61		25%	33%	11	11	-	75%	38%	29	29	-	1.00	81		63%	31%	36	36	-	37%	53%	15	15	-
					81	Residential		61				11	11	-			29	29	-		-			36	36	-			15	15	-	
	B	13.16	29		29	210 Single-Family Detached Housing	0.75	22		25%	33%	4	4	-	75%	38%	11	11	-	1.00	29		63%	31%	13	13	-	37%	53%	6	6	-
					29	Residential		22				4	4	-			11	11	-		-			13	13	-			6	6	-	
	C	103.3	225		225	210 Single-Family Detached Housing	0.75	169		25%	33%	29	29	-	75%	38%	79	79	-	1.00	225		63%	31%	98	98	-	37%	53%	40	40	-
					198	Residential		169				29	29	-			79	79	-		-			98	98	-			40	40	-	
D	5.67	12		12	210 Single-Family Detached Housing	0.75	9		25%	33%	2	2	-	75%	38%	5	5	-	1.00	12		63%	31%	6	6	-	37%	53%	3	3	-	
				12	Residential		9				2	2	-			5	5	-		-			6	6	-			3	3	-		
Total							261				46	46	-			124	124	-		-			153	153	-			64	64	-		
OVERALL								1,163				453	397	56			387	354	33		-			865	678	187			865	662	203	

Study: Route 26 Corridor
Scenario: 5

							AM Adjacent Street													PM Adjacent Street													
Type	Section		SF/DU's	Size Assumption	SF	Land Use	Rate	Total Trips	% Pass By Trips	Entering					Exiting					Rate	Total Trips	% Pass By Trips	Entering					Exiting					
										% Enter	% Internal Trip Loss	Total	New Trips	Pass By	% Exit	% Internal Trip Loss	Total	New Trips	Pass By				% Enter	% Internal Trip Loss	Total	New Trips	Pass By	% Exit	% Internal Trip Loss	Total	New Trips	Pass By	
5 - Retail	A	5.79	46,320	total	46,320	820	Shopping Center	0.96	45	27%	62%	28%	21	16	5	38%	30%	12	9	3	3.71	172	27%	48%	20%	67	49	18	52%	20%	72	53	19
					46,320		Retail		45				21	16	5			12	9	3		172				67	49	18			72	53	19
	B	5.43	43,440	total	43,440	820	Shopping Center	0.96	42	31%	62%	28%	19	14	5	38%	30%	12	9	3	3.71	162	31%	48%	20%	63	44	19	52%	20%	68	47	21
					43,440		Retail		42				19	14	5			12	9	3		162				63	44	19			68	47	21
	C	17.26	138,080	total	138,080	820	Shopping Center	0.96	133	41%	62%	28%	60	36	24	38%	30%	36	22	14	3.71	513	41%	48%	20%	197	117	80	52%	20%	214	127	87
					138,080		Retail		133				60	36	24			36	22	14		513				197	117	80			214	127	87
Total							220					100	66	34			60	40	20		847				327	210	117			354	227	127	
3 - Residential	A	12.31	26		26	210	Single-Family Detached Housing	0.75	20		25%	33%	4	4	-	75%	38%	10	10	-	1.00	26		63%	31%	12	12	-	37%	53%	5	5	-
					26		Residential	20	20				4	4	-			10	10	-		-				12	12	-			5	5	-
	B	13.52	29		29	210	Single-Family Detached Housing	0.75	22		25%	33%	4	4	-	75%	38%	11	11	-	1.00	29		63%	31%	13	13	-	37%	53%	6	6	-
					29		Residential	22	22				4	4	-			11	11	-		-				13	13	-			6	6	-
	C	22.09	48		48	210	Single-Family Detached Housing	0.75	36		25%	33%	7	7	-	75%	38%	17	17	-	1.00	48		63%	31%	21	21	-	37%	53%	9	9	-
					48		Residential	36	36				7	7	-			17	17	-		-				21	21	-			9	9	-
	D	15.33	33		33	210	Single-Family Detached Housing	0.75	25		25%	33%	5	5	-	75%	38%	12	12	-	1.00	33		63%	31%	15	15	-	37%	53%	6	6	-
					33		Residential	25	25				5	5	-			12	12	-		-				15	15	-			6	6	-
	E	98.13	213		213	210	Single-Family Detached Housing	0.75	160		25%	33%	27	27	-	75%	38%	75	75	-	1.00	213		63%	31%	93	93	-	37%	53%	38	38	-
					213		Residential	160	160				27	27	-			75	75	-		-				93	93	-			38	38	-
F	140	304		304	210	Single-Family Detached Housing	0.75	228		25%	33%	39	39	-	75%	38%	107	107	-	1.00	304		63%	31%	133	133	-	37%	53%	53	53	-	
				304		Residential	228	228				39	39	-			107	107	-		-				133	133	-			53	53	-	
G	6.16	13		13	210	Single-Family Detached Housing	0.75	10		25%	33%	2	2	-	75%	38%	5	5	-	1.00	13		63%	31%	6	6	-	37%	53%	3	3	-	
				13		Residential	10	10				2	2	-			5	5	-		-				6	6	-			3	3	-	
Total							501					88	88	-			237	237	-		-			293	293	-			120	120	-		
OVERALL							721					188	154	34			297	277	20		847				620	503	117			474	347	127	