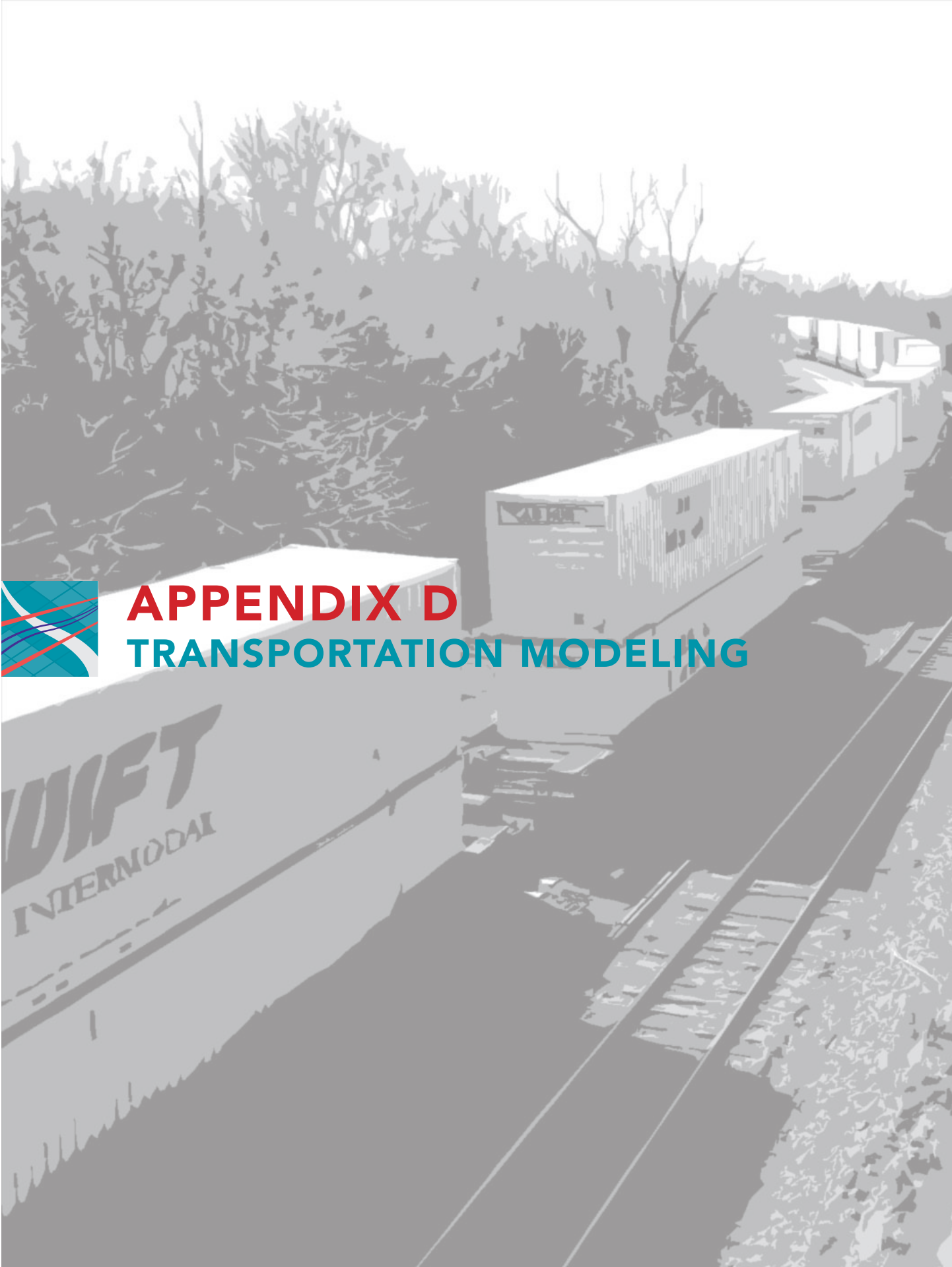




APPENDIX D

TRANSPORTATION MODELING

WIFT
INTERNODAL



SW Johnson Area - NCHRP 255 Modeling Adjustment

Road Location	2010 Model	Existing Counts (2010)	2040 Model	Numerical		Proportional		2040 Preferred	Intermodal Truck %	Intermodal Trips	Warehouse Truck %	Warehouse Trips	Truck Total	TOTAL
				Adjustment	Adjustment	Adjustment	Adjustment							
I-35	w/o Sunflower Rd Exit	28,182	19,700	41,284	32,802	28,859		30,800	3%	218	8.5%	503	700	31,500
	Sunflower Rd Exit to Gardner Rd Exit	31,703	24,900	48,261	41,458	37,905		39,700	88%	6,389	87.1%	5,149	11,500	51,200
	Gardner Rd to 175th St	32,625	29,300	61,580	58,255	55,304		56,800	88%	6,389	87.1%	5,149	11,500	68,300
	e/o 175th St	58,089	39,500	93,665	75,076	63,691		69,400	86%	6,244	85.1%	5,031	11,300	80,700
SH 56	Edgerton Rd to Sunflower Rd	9,211	3,960	21,084	15,833	9,064		15,800	2%	145	2.0%	118	300	16,100
	Sunflower Rd to Four Corners Rd	4,829	4,260	5,451	4,882	4,809		4,800	0%	0	0.0%	0	0	4,800
	Waverly Rd to 175th St	4,937	4,520	5,451	5,034	4,991		5,000	0%	0	0.0%	0	0	5,000
	175th St to Gardner Rd	7,253	9,230	13,292	15,269	16,915		16,100	4%	290	0.0%	0	300	16,400
	Gardner Rd to Moonlight Rd	14,153	15,500	19,200	20,547	21,027		20,800	3%	218	0.0%	0	200	21,000
199th St	SH 56 to Four Corners Rd	4,223	750	15,455	11,982	2,745		12,000	2%	145	2.0%	118	300	12,300
	Four Corners Rd to Waverly Rd	4,532	690	14,643	10,801	2,229		10,800	2%	145	2.0%	118	300	11,100
	Waverly Rd to Gardner Rd	5,144	1,175	17,950	13,981	4,100		14,000	2%	145	2.2%	130	300	14,300
	Gardner Rd to Moonlight Rd	4,775	1,366	15,367	11,958	4,396		12,000	2%	145	2.2%	130	300	12,300
	Moonlight Rd to Cedar Niles Rd	5,877	1,450	18,797	14,370	4,638		14,400	2%	145	2.2%	130	300	14,700
191st St	Four Corners Rd to Waverly Rd	NA	190	13,692				NA	0%	0	0.2%	12	0	NA
	Waverly Rd to Gardner Rd	NA	280	19,060				NA	0%	0	0.0%	0	0	NA
	Gardner Rd to Moonlight Rd	NA	150	NA				NA	0%	0	0.0%	0	0	NA
	Moonlight Rd to Cedar Niles Rd	NA	190	NA				NA	0%	0	0.0%	0	0	NA
183rd St	Dillie Rd to Four Corners Rd	NA	30	NA				NA	0%	0	0.0%	0	0	NA
	Four Corners Rd to SH 56	NA	20	NA				NA	0%	0	0.0%	0	0	NA
	SH 56 to Waverly Rd	NA	285	NA				NA	0%	0	0.0%	0	0	NA
	Waverly Rd to Gardner Rd	NA	2,135	NA				NA	0%	0	0.0%	0	0	NA
	Gardner Rd to Moonlight Rd	436	3,260	1,201	4,025	8,980		4,000	0%	0	0.0%	0	0	4,000
Moonlight Rd to Cedar Niles Rd	NA	110	NA				NA	0%	0	0.0%	0	0	NA	
175th St	Edgerton Rd to Sunflower Rd	795	764	944	913	907		900	1%	73	0.2%	12	100	1,000
	Snowflower Rd to Four Corners Rd	1,855	1,130	457				1,130	1%	73	0.2%	12	100	1,230
	Four Corners Rd to Waverly Rd	3,961	4,100	6,520	6,659	6,749		6,700	1%	73	0.2%	12	100	6,800
	Waverly Rd to SH 56	3,164	2,740	6,181	5,757	5,353		5,600	1%	73	0.2%	12	100	5,700
	New Century Pkwy to I-35	29,670	23,800	41,087	35,217	32,958		34,100	0%	0	0.0%	0	0	34,100
	I-35 to Clare Rd	9,016	9,400	18,023	18,407	18,791		18,600	2%	145	2.0%	118	300	18,900
Madison Ave	Waverly Rd to Gardner Rd	NA	1,400	NA				NA	0%	0	0.0%	0	0	NA
167th St	Dillie Rd to Four Corners Rd	NA	190	NA				NA	0%	0	0.0%	0	0	NA
	Four Corners Rd to Waverly Rd	NA	1,580	NA				NA	0%	0	0.0%	0	0	NA
	Waverly Rd to Gardner Rd	1,077	2,000	9				NA	0%	0	0.0%	0	0	NA
	Gardner Rd to Moonlight Rd	NA	2,975	NA				NA	0%	0	0.0%	0	0	NA
159th St	Dillie Rd to Four Corners Rd	NA	60	NA				NA	0%	0	0.0%	0	0	NA
	Four Corners Rd to Waverly Rd	NA	120	NA				NA	0%	0	0.0%	0	0	NA
	Waverly Rd to Gardner Rd	NA	230	NA				NA	0%	0	0.0%	0	0	NA
8th St	183rd St to 175th St	869	475	2,713	2,319	1,483		1,900	0%	0	0.0%	0	0	1,900
Sunflower Rd	215th St to I-35	2,780	839	5,389	3,448	1,626		3,400	0%	0	0.0%	0	0	3,400
	I-35 to Braun St	4,792	2,114	6,651	3,973	2,934		4,000	0%	0	0.0%	0	0	4,000
	175th St to 167th St	NA	560	NA				NA	0%	0	0.0%	0	0	NA
Four Corners Rd	191st St to SH 56	337	180	DNE				DNE	0%	0	0.0%	0	0	DNE
	SH 56 to 183rd St	199	200	0	1	0		200	0%	0	0.0%	0	0	200
	183rd St to 175th St	749	310	1,959	1,520	811		1,500	0%	0	0.0%	0	0	1,500
	175th St to 167th St	1,754	560	4,104	2,910	1,310		2,900	0%	0	0.0%	0	0	2,900
	167th St to 159th St	1,754	420	4,104	2,770	983		2,800	0%	0	0.0%	0	0	2,800
Waverly Rd	191st St to 183rd St	NA	160	1,826				NA	5%	363	0.2%	12	400	NA
	175th St to 167th St	796	1,970	231				NA	0%	0	0.0%	0	0	NA
Gardner Rd	Braun St to 199th St	5,327	2,016	9,391	6,080	3,554		6,100	0%	0	0.0%	0	0	6,100
	199th St to I-35	10,688	3,075	14,478	6,865	4,165		6,900	0%	0	0.0%	0	0	6,900
	191st St to 183rd St	7,507	8,535	18,207	19,235	20,700		20,000	0%	0	0.0%	0	0	20,000
	183rd St to SH 56	7,071	8,745	17,346	19,020	21,453		20,200	0%	0	0.0%	0	0	20,200
	SH 56 to 167th St	16,665	9,555	17,104	9,994	9,807		9,900	1%	73	0.0%	0	100	10,000
	167th St to 159th St	3,953	2,610	17,106	15,763	11,294		13,500	1%	73	0.0%	0	100	13,600
Moonlight Rd	183rd St to SH 56	1,654	2,970	5,867	7,183	10,535		8,900	0%	0	0.0%	0	0	8,900
									Total Trips	7,260	Total Trips	5,912		

SW Johnson Area - NCHRP 255 Modeling Adjustment

Road Location	2010 Model	Existing Counts (2010)	2040 Model	Numerical		Proportional		2040 Alt 4	Intermodal Truck %	Intermodal Trips	Warehouse Truck %	Warehouse Trips	Truck Total	TOTAL
				Adjustment	Adjustment	Adjustment	Adjustment							
I-35	w/o Sunflower Rd Exit	28,182	19,700	41,271	32,789	28,850		30,800	3%	218	8.5%	530	700	31,500
	Sunflower Rd Exit to Gardner Rd Exit	31,703	24,900	46,414	39,611	36,454		38,000	88%	6,389	87.1%	5,433	11,800	49,800
	Gardner Rd to 175th St	32,625	29,300	64,289	60,964	57,737		59,400	88%	6,389	87.1%	5,433	11,800	71,200
	e/o 175th St	58,089	39,500	93,311	74,722	63,451		69,100	86%	6,244	85.1%	5,309	11,600	80,700
SH 56	Edgerton Rd to Sunflower Rd	9,211	3,960	21,980	16,729	9,450		16,700	2%	145	2.0%	125	300	17,000
	Sunflower Rd to Four Corners Rd	4,829	4,260	7,507	6,938	6,622		6,800	0%	0	0.0%	0	0	6,800
	Waverly Rd to 175th St	4,937	4,520	7,252	6,835	6,639		6,700	0%	0	0.0%	0	0	6,700
	175th St to Gardner Rd	7,253	9,230	15,656	17,633	19,923		18,800	4%	290	0.0%	0	300	19,100
	Gardner Rd to Moonlight Rd	14,153	15,500	19,467	20,814	21,320		21,100	3%	218	0.0%	0	200	21,300
199th St	SH 56 to Four Corners Rd	4,223	750	14,089	10,616	2,502		10,600	2%	145	2.0%	125	300	10,900
	Four Corners Rd to Waverly Rd	4,532	690	15,849	12,007	2,413		12,000	2%	145	2.0%	125	300	12,300
	Waverly Rd to Gardner Rd	5,144	1,175	18,780	14,811	4,290		14,800	2%	145	2.2%	137	300	15,100
	Gardner Rd to Moonlight Rd	4,775	1,366	15,547	12,138	4,448		12,100	2%	145	2.2%	137	300	12,400
	Moonlight Rd to Cedar Niles Rd	5,877	1,450	18,266	13,839	4,507		13,800	2%	145	2.2%	137	300	14,100
191st St	Four Corners Rd to Waverly Rd	NA	190	14,002				NA	0%	0	0.2%	12	0	NA
	Waverly Rd to Gardner Rd	NA	280	23,139				NA	0%	0	0.0%	0	0	NA
	Gardner Rd to Moonlight Rd	NA	150	NA				NA	0%	0	0.0%	0	0	NA
	Moonlight Rd to Cedar Niles Rd	NA	190	NA				NA	0%	0	0.0%	0	0	NA
183rd St	Dillie Rd to Four Corners Rd	NA	30	NA				NA	0%	0	0.0%	0	0	NA
	Four Corners Rd to SH 56	NA	20	NA				NA	0%	0	0.0%	0	0	NA
	SH 56 to Waverly Rd	NA	285	NA				NA	0%	0	0.0%	0	0	NA
	Waverly Rd to Gardner Rd	NA	2,135	NA				NA	0%	0	0.0%	0	0	NA
	Gardner Rd to Moonlight Rd	436	3,260	1,160	3,984	8,673		4,000	0%	0	0.0%	0	0	4,000
Moonlight Rd to Cedar Niles Rd	NA	110	NA				NA	0%	0	0.0%	0	0	NA	
175th St	Edgerton Rd to Sunflower Rd	795	764	1,084	1,053	1,042		1,000	1%	73	0.2%	12	100	1,100
	Snowflower Rd to Four Corners Rd	1,855	1,130	459				1,200	1%	73	0.2%	12	100	1,300
	Four Corners Rd to Waverly Rd	3,961	4,100	6,970	7,109	7,215		7,200	1%	73	0.2%	12	100	7,300
	Waverly Rd to SH 56	3,164	2,740	6,560	6,136	5,681		5,900	1%	73	0.2%	12	100	6,000
	New Century Pkwy to I-35	29,670	23,800	38,207	32,337	30,648		31,500	0%	0	0.0%	0	0	31,500
I-35 to Clare Rd	9,016	9,400	17,597	17,981	18,346		18,200	2%	145	2.0%	125	300	18,500	
Madison Ave	Waverly Rd to Gardner Rd	NA	1,400	NA				NA	0%	0	0.0%	0	0	NA
167th St	Dillie Rd to Four Corners Rd	NA	190	NA				NA	0%	0	0.0%	0	0	NA
	Four Corners Rd to Waverly Rd	NA	1,580	NA				NA	0%	0	0.0%	0	0	NA
	Waverly Rd to Gardner Rd	1,077	2,000	8				NA	0%	0	0.0%	0	0	NA
	Gardner Rd to Moonlight Rd	NA	2,975	NA				NA	0%	0	0.0%	0	0	NA
159th St	Dillie Rd to Four Corners Rd	NA	60	NA				NA	0%	0	0.0%	0	0	NA
	Four Corners Rd to Waverly Rd	NA	120	NA				NA	0%	0	0.0%	0	0	NA
	Waverly Rd to Gardner Rd	NA	230	NA				NA	0%	0	0.0%	0	0	NA
8th St	183rd St to 175th St	869	475	2,562	2,168	1,400		1,800	0%	0	0.0%	0	0	1,800
Sunflower Rd	215th St to I-35	2,780	839	5,337	3,396	1,611		3,400	0%	0	0.0%	0	0	3,400
	I-35 to Braun St	4,792	2,114	6,407	3,729	2,826		3,700	0%	0	0.0%	0	0	3,700
	175th St to 167th St	NA	560	NA				NA	0%	0	0.0%	0	0	NA
Four Corners Rd	191st St to SH 56	337	180	5,365	5,208	2,866		4,000	0%	0	0.0%	0	0	DNE
	SH 56 to 183rd St	199	200	1,121	1,122	1,127		200	0%	0	0.0%	0	0	200
	183rd St to 175th St	749	310	3,483	3,044	1,442		3,000	0%	0	0.0%	0	0	3,000
	175th St to 167th St	1,754	560	4,700	3,506	1,501		3,500	0%	0	0.0%	0	0	3,500
	167th St to 159th St	1,754	420	4,700	3,366	1,125		3,400	0%	0	0.0%	0	0	3,400
Waverly Rd	191st St to 183rd St	NA	160	2,081				NA	5%	363	0.2%	12	400	NA
	175th St to 167th St	796	1,970	230				NA	0%	0	0.0%	0	0	NA
Gardner Rd	Braun St to 199th St	5,327	2,016	9,426	6,115	3,567		6,100	0%	0	0.0%	0	0	6,100
	199th St to I-35	10,688	3,075	13,603	5,990	3,914		6,000	0%	0	0.0%	0	0	6,000
	191st St to 183rd St	7,507	8,535	17,226	18,254	19,585		18,900	0%	0	0.0%	0	0	18,900
	183rd St to SH 56	7,071	8,745	16,169	17,843	19,997		18,900	0%	0	0.0%	0	0	18,900
	SH 56 to 167th St	16,665	9,555	16,816	9,706	9,642		9,700	1%	73	0.0%	0	100	9,800
	167th St to 159th St	3,953	2,610	16,872	15,529	11,140		13,300	1%	73	0.0%	0	100	13,400
Moonlight Rd	183rd St to SH 56	1,654	2,970	4,363	5,679	7,834		6,800	0%	0	0.0%	0	0	6,800
Total Trips										7,260	Total Trips		6,238	

SW Johnson Area - NCHRP 255 Modeling Adjustment

Road Location		2010 Model	Existing Counts (2010)	2010 Model OpeningDay	Numerical Adjustment	Proportional Adjustment	Opening Day	Intermodal Truck %	Intermodal Trips	Warehouse Truck %	Warehouse Trips	Truck Total	TOTAL	
I-35	w/o Sunflower Rd Exit	28,182	19,700	28,083	19,601	19,631	19,600	3%	90	8.5%	22	100	19,700	
	Sunflower Rd Exit to Gardner Rd Exit	31,703	24,900	34,007	27,204	26,710	27,000	88%	2,632	87.1%	225	2,900	29,900	
	Gardner Rd to 175th St	32,625	29,300	34,300	30,975	30,804	30,900	88%	2,632	87.1%	225	2,900	33,800	
	e/o 175th St	58,089	39,500	53,515	34,926	36,390	35,700	86%	2,572	85.1%	220	2,800	38,500	
SH 56	Edgerton Rd to Sunflower Rd	9,211	3,960	10,226	4,975	4,396	5,000	2%	60	2.0%	5	100	5,100	
	Sunflower Rd to Four Corners Rd	4,829	4,260	3,040	2,471	2,682	2,600	0%	0	0.0%	0	0	2,600	
	Waverly Rd to 175th St	4,937	4,520	3,040	2,623	2,783	2,700	0%	0	0.0%	0	0	2,700	
	175th St to Gardner Rd	7,253	9,230	5,265	7,242	6,700	7,000	4%	120	0.0%	0	100	7,100	
	Gardner Rd to Moonlight Rd	14,153	15,500	7,052	8,399	7,723	8,100	3%	90	0.0%	0	100	8,200	
199th St	SH 56 to Four Corners Rd	4,223	750	7,021	3,548	1,247	3,500	2%	60	2.0%	5	100	3,600	
	Four Corners Rd to Waverly Rd	4,532	690	3,741	-101	570	600	2%	60	2.0%	5	100	700	
	Waverly Rd to Gardner Rd	5,144	1,175	4,412	443	1,008	400	2%	60	2.2%	6	100	500	
	Gardner Rd to Moonlight Rd	4,775	1,366	4,602	1,193	1,317	1,200	2%	60	2.2%	6	100	1,300	
	Moonlight Rd to Cedar Niles Rd	5,877	1,450	5,729	1,302	1,413	1,300	2%	60	2.2%	6	100	1,400	
191st St	Four Corners Rd to Waverly Rd	NA	190	77			NA	0%	0	0.2%	1	0	NA	
	Waverly Rd to Gardner Rd	NA	280	314			NA	0%	0	0.0%	0	0	NA	
	Gardner Rd to Moonlight Rd	NA	150	NA			NA	0%	0	0.0%	0	0	NA	
	Moonlight Rd to Cedar Niles Rd	NA	190	NA			NA	0%	0	0.0%	0	0	NA	
183rd St	Dillie Rd to Four Corners Rd	NA	30	NA			NA	0%	0	0.0%	0	0	NA	
	Four Corners Rd to SH 56	NA	20	NA			NA	0%	0	0.0%	0	0	NA	
	SH 56 to Waverly Rd	NA	285	NA			NA	0%	0	0.0%	0	0	NA	
	Waverly Rd to Gardner Rd	NA	2,135	NA			NA	0%	0	0.0%	0	0	NA	
	Gardner Rd to Moonlight Rd	436	3,260	479	3,303	3,582	3,300	0%	0	0.0%	0	0	3,300	
Moonlight Rd to Cedar Niles Rd	NA	110	NA			NA	0%	0	0.0%	0	0	NA		
175th St	Edgerton Rd to Sunflower Rd	795	764	502	471	482	500	1%	30	0.2%	1	0	500	
	Snowflower Rd to Four Corners Rd	1,855	1,130	414	-311	252	1,130	1%	30	0.2%	1	0	1,130	
	Four Corners Rd to Waverly Rd	3,961	4,100	2,300	2,439	2,381	2,400	1%	30	0.2%	1	0	2,400	
	Waverly Rd to SH 56	3,164	2,740	2,198	1,774	1,903	1,800	1%	30	0.2%	1	0	1,800	
	New Century Pkwy to I-35	29,670	23,800	23,025	17,155	18,470	17,800	0%	0	0.0%	0	0	17,800	
	I-35 to Clare Rd	9,016	9,400	8,706	9,090	9,077	9,100	2%	60	2.0%	5	100	9,200	
Madison Ave	Waverly Rd to Gardner Rd	NA	1,400	NA			NA	0%	0	0.0%	0	0	NA	
167th St	Dillie Rd to Four Corners Rd	NA	190	NA			NA	0%	0	0.0%	0	0	NA	
	Four Corners Rd to Waverly Rd	NA	1,580	NA			NA	0%	0	0.0%	0	0	NA	
	Waverly Rd to Gardner Rd	1,077	2,000	6	929	11	500	0%	0	0.0%	0	0	500	
	Gardner Rd to Moonlight Rd	NA	2,975	NA			NA	0%	0	0.0%	0	0	NA	
159th St	Dillie Rd to Four Corners Rd	NA	60	NA			NA	0%	0	0.0%	0	0	NA	
	Four Corners Rd to Waverly Rd	NA	120	NA			NA	0%	0	0.0%	0	0	NA	
	Waverly Rd to Gardner Rd	NA	230	NA			NA	0%	0	0.0%	0	0	NA	
8th St	183rd St to 175th St	869	475	877	483	479	500	0%	0	0.0%	0	0	500	
Sunflower Rd	215th St to I-35	2,780	839	2,840	899	857	900	0%	0	0.0%	0	0	900	
	I-35 to Braun St	4,792	2,114	3,661	983	1,615	1,000	0%	0	0.0%	0	0	1,000	
	175th St to 167th St	NA	560	NA			NA	0%	0	0.0%	0	0	NA	
Four Corners Rd	191st St to SH 56	337	180	NA			NA	0%	0	0.0%	0	0	NA	
	SH 56 to 183rd St	199	200	0	1	0	0	0%	0	0.0%	0	0	0	
	183rd St to 175th St	749	310	524	85	217	100	0%	0	0.0%	0	0	100	
	175th St to 167th St	1,754	560	1,362	168	435	200	0%	0	0.0%	0	0	200	
	167th St to 159th St	1,754	420	1,362	28	326	0	0%	0	0.0%	0	0	0	
Waverly Rd	191st St to 183rd St	NA	160	55			NA	5%	150	0.2%	1	200	NA	
	175th St to 167th St	796	1,970	78	1,272	243	1,300	0%	0	0.0%	0	0	1,300	
Gardner Rd	Braun St to 199th St	5,327	2,016	4,962	1,651	1,878	1,700	0%	0	0.0%	0	0	1,700	
	199th St to I-35	10,688	3,075	6,497	-1,116	1,869	1,900	0%	0	0.0%	0	0	1,900	
	191st St to 183rd St	7,507	8,535	6,500	7,588	7,458	7,500	0%	0	0.0%	0	0	7,500	
	183rd St to SH 56	7,071	8,745	6,081	7,755	7,521	7,600	0%	0	0.0%	0	0	7,600	
	SH 56 to 167th St	16,665	9,555	3,363			3,400	1%	30	0.0%	0	0	3,400	
167th St to 159th St	3,953	2,610	3,125	1,782	2,063	1,900	1%	30	0.0%	0	0	1,900		
Moonlight Rd	183rd St to SH 56	1,654	2,970	1,603	2,919	2,878	2,900	0%	0	0.0%	0	0	2,900	
									Total Trips	2,991	Total Trips	258		

SW Johnson Area - NCHRP 255 Modeling Adjustment

Road Location		2010 Model	Existing Counts (2010)	2040 Model	Numerical Adjustment	Proportional Adjustment	2040 Preferred	Intermodal Truck %	Intermodal Trips	Warehouse Truck %	Warehouse Trips	Truck Total	TOTAL	
I-35	w/o Sunflower Rd Exit	28,182	19,700	41,284	32,802	28,859	30,800	3%	218	8.5%	503	700	31,500	
	Sunflower Rd Exit to Gardner Rd Exit	31,703	24,900	48,261	41,458	37,905	39,700	88%	6,389	87.1%	5,149	11,500	51,200	
	Gardner Rd to 175th St	32,625	29,300	61,580	58,255	55,304	56,800	88%	6,389	87.1%	5,149	11,500	68,300	
	e/o 175th St	58,089	39,500	93,665	75,076	63,691	69,400	86%	6,244	85.1%	5,031	11,300	80,700	
SH 56	Edgerton Rd to Sunflower Rd	9,211	3,960	21,084	15,833	9,064	15,800	2%	145	2.0%	118	300	16,100	
	Sunflower Rd to Four Corners Rd	4,829	4,260	5,451	4,882	4,809	4,800	0%	0	0.0%	0	0	4,800	
	Waverly Rd to 175th St	4,937	4,520	5,451	5,034	4,991	5,000	0%	0	0.0%	0	0	5,000	
	175th St to Gardner Rd	7,253	9,230	13,292	15,269	16,915	16,100	4%	290	0.0%	0	300	16,400	
	Gardner Rd to Moonlight Rd	14,153	15,500	19,200	20,547	21,027	20,800	3%	218	0.0%	0	200	21,000	
199th St	SH 56 to Four Corners Rd	4,223	750	15,455	11,982	2,745	12,000	2%	145	2.0%	118	300	12,300	
	Four Corners Rd to Waverly Rd	4,532	690	14,643	10,801	2,229	10,800	2%	145	2.0%	118	300	11,100	
	Waverly Rd to Gardner Rd	5,144	1,175	17,950	13,981	4,100	14,000	2%	145	2.2%	130	300	14,300	
	Gardner Rd to Moonlight Rd	4,775	1,366	15,367	11,958	4,396	12,000	2%	145	2.2%	130	300	12,300	
	Moonlight Rd to Cedar Niles Rd	5,877	1,450	18,797	14,370	4,638	14,400	2%	145	2.2%	130	300	14,700	
191st St	Four Corners Rd to Waverly Rd	NA	190	13,692			NA	0%	0	0.2%	12	0	NA	
	Waverly Rd to Gardner Rd	NA	280	19,060			NA	0%	0	0.0%	0	0	NA	
	Gardner Rd to Moonlight Rd	NA	150	NA			NA	0%	0	0.0%	0	0	NA	
	Moonlight Rd to Cedar Niles Rd	NA	190	NA			NA	0%	0	0.0%	0	0	NA	
183rd St	Dillie Rd to Four Corners Rd	NA	30	NA			NA	0%	0	0.0%	0	0	NA	
	Four Corners Rd to SH 56	NA	20	NA			NA	0%	0	0.0%	0	0	NA	
	SH 56 to Waverly Rd	NA	285	NA			NA	0%	0	0.0%	0	0	NA	
	Waverly Rd to Gardner Rd	NA	2,135	NA			NA	0%	0	0.0%	0	0	NA	
	Gardner Rd to Moonlight Rd	436	3,260	1,201	4,025	8,980	4,000	0%	0	0.0%	0	0	4,000	
Moonlight Rd to Cedar Niles Rd	NA	110	NA			NA	0%	0	0.0%	0	0	NA		
175th St	Edgerton Rd to Sunflower Rd	795	764	944	913	907	900	1%	73	0.2%	12	100	1,000	
	Snowflower Rd to Four Corners Rd	1,855	1,130	457			1,130	1%	73	0.2%	12	100	1,230	
	Four Corners Rd to Waverly Rd	3,961	4,100	6,520	6,659	6,749	6,700	1%	73	0.2%	12	100	6,800	
	Waverly Rd to SH 56	3,164	2,740	6,181	5,757	5,353	5,600	1%	73	0.2%	12	100	5,700	
	New Century Pkwy to I-35	29,670	23,800	41,087	35,217	32,958	34,100	0%	0	0.0%	0	0	34,100	
	I-35 to Clare Rd	9,016	9,400	18,023	18,407	18,791	18,600	2%	145	2.0%	118	300	18,900	
Madison Ave	Waverly Rd to Gardner Rd	NA	1,400	NA			NA	0%	0	0.0%	0	0	NA	
167th St	Dillie Rd to Four Corners Rd	NA	190	NA			NA	0%	0	0.0%	0	0	NA	
	Four Corners Rd to Waverly Rd	NA	1,580	NA			NA	0%	0	0.0%	0	0	NA	
	Waverly Rd to Gardner Rd	1,077	2,000	9			NA	0%	0	0.0%	0	0	NA	
	Gardner Rd to Moonlight Rd	NA	2,975	NA			NA	0%	0	0.0%	0	0	NA	
159th St	Dillie Rd to Four Corners Rd	NA	60	NA			NA	0%	0	0.0%	0	0	NA	
	Four Corners Rd to Waverly Rd	NA	120	NA			NA	0%	0	0.0%	0	0	NA	
	Waverly Rd to Gardner Rd	NA	230	NA			NA	0%	0	0.0%	0	0	NA	
8th St	183rd St to 175th St	869	475	2,713	2,319	1,483	1,900	0%	0	0.0%	0	0	1,900	
Sunflower Rd	215th St to I-35	2,780	839	5,389	3,448	1,626	3,400	0%	0	0.0%	0	0	3,400	
	I-35 to Braun St	4,792	2,114	6,651	3,973	2,934	4,000	0%	0	0.0%	0	0	4,000	
	175th St to 167th St	NA	560	NA			NA	0%	0	0.0%	0	0	NA	
Four Corners Rd	191st St to SH 56	337	180	DNE			DNE	0%	0	0.0%	0	0	DNE	
	SH 56 to 183rd St	199	200	0	1	0	200	0%	0	0.0%	0	0	200	
	183rd St to 175th St	749	310	1,959	1,520	811	1,500	0%	0	0.0%	0	0	1,500	
	175th St to 167th St	1,754	560	4,104	2,910	1,310	2,900	0%	0	0.0%	0	0	2,900	
	167th St to 159th St	1,754	420	4,104	2,770	983	2,800	0%	0	0.0%	0	0	2,800	
Waverly Rd	191st St to 183rd St	NA	160	1,826			NA	5%	363	0.2%	12	400	NA	
	175th St to 167th St	796	1,970	231			NA	0%	0	0.0%	0	0	NA	
Gardner Rd	Braun St to 199th St	5,327	2,016	9,391	6,080	3,554	6,100	0%	0	0.0%	0	0	6,100	
	199th St to I-35	10,688	3,075	14,478	6,865	4,165	6,900	0%	0	0.0%	0	0	6,900	
	191st St to 183rd St	7,507	8,535	18,207	19,235	20,700	20,000	0%	0	0.0%	0	0	20,000	
	183rd St to SH 56	7,071	8,745	17,346	19,020	21,453	20,200	0%	0	0.0%	0	0	20,200	
	SH 56 to 167th St	16,665	9,555	17,104	9,994	9,807	9,900	1%	73	0.0%	0	100	10,000	
	167th St to 159th St	3,953	2,610	17,106	15,763	11,294	13,500	1%	73	0.0%	0	100	13,600	
Moonlight Rd	183rd St to SH 56	1,654	2,970	5,867	7,183	10,535	8,900	0%	0	0.0%	0	0	8,900	
									Total Trips	7,260			Total Trips	5,912

**2040 Preferred Scenario
Acreage of Land Uses by TAZ**

TAZ	CONS	RR	LDR	MDR	HDR	MU	MU Retail	MU MDR	MU HDR	BP	LI	WD	C (retail)	c (non-retail)	IMF
258															
260	2432	45	57	26											17
774		140	26								146		79		
776															
777		296									93		18		
779													23		
780			87	45									4		
781									22	45	131	26			
1005												85			90
1006									59		572	32			
1007			64	182	53	26	13	6.5	6.5	68	186	508	58		250
1009		16	138							82					
1010		275													
Total	2432	772	372	253	53	26	13	6.5	6.5	231	470	1296	240	17	340 acres

Assumptions			
	du/A	FAR	SF/E
CONS	0.1		
RR	0.5		
LDR	2.5		
MDR	6		
HDR	12		
MU			
50% Retail		0.2	600
25% MDR	6		
25% HDR	12		
BP		0.25	400
LI		0.15	1000
WD		0.3	2500
C/Visitor		0.15	600
C/Retail		0.2	600

Households or Building Area by TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU Retail	MU MDR	MU HDR	BP (SF)	LI (SF)	WD (SF)	C-R (SF)	c-NR (SF)	IMF
258															
260	243	23	143	156											55539
774		70	156								953964		344124		
776															
777		148	0								607662		78408		
779														100188	
780			218	270									17424		
781										239580	294030	855954	113256		
1005												1110780	0		
1006										642510	0	7474896	139392		
1007	0	160	1092	636			113256	39	78	740520	1215324	6638544	252648		
1009	8	345								892980					
1010	138														
Total	243	386	1021	1518	636	0	113256	39	78	2515590	3070980	16080174	1045440	55539	0
units	HH	HH	HH	HH	HH		SF	HH	HH	SF	SF	SF	SF	SF	SF

Households or employees per TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU Retail	MU MDR	MU HDR	BP (SF)	LI (SF)	WD (SF)	C-R (SF)	c-NR (SF)	IMF
258			0												
260	243	23	143	156	0										93
774		70	156	0	0						954		574	0	
776															
777		148	0	0	0					0	608		131	0	
779		0	0	0	0								167		
780		0	218	270	0								29		
781		0	0	0	0						294	342	189		
1005		0	0	0	0						0	444	0		88
1006		0	0	0	0		0	0	0	1606	0	2990	232	0	
1007	0	160	1092	636			189	39	78	1851	1215	2655	421		250
1009	8	345	0	0	0					2232	0	0	0		
1010	138	0	0	0	0					0	0	0	0		
Total	243	386	1021	1518	636	0	189	39	78	5690	3071	6432	1742	93	338
	HH	HH	HH	HH	HH		emp	HH	HH	emp	emp	emp	emp	emp	emp

Totals by TAZ			
Households	Total Emp	Retail Emp	Non-Retail Emp
0	0	0	0
564	93	93	0
226	1528	574	954
0	0	0	0
148	738	131	608
0	167	167	0
488	29	29	0
0	825	189	636
0	532	0	444
0	4829	232	4596
2005	6582	610	5722
353	2232	0	2232
138	0	0	0

Assumptions				
	du/A	FAR	SF/E	POP
CONS	0.1			
RR	0.5			
LDR	2.5			3
MDR	6			2.5
HDR	12			2.25
MU				
50% Retail		0.2	600	
25% MDR	6			
25% HDR	12			
BP		0.25	400	
LI		0.15	1000	
WD		0.3	2500	
C/Visitor		0.15	600	
C/Retail		0.2	600	

Resident Population per TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU MDR	MU HDR
258								
260	730	68	428	390				
774		210	468					
776								
777		444	0					
779								
780			653	675				
781								
1005								
1006								
1007	0	480	2730	1431			98	176
1009	24	1035						
1010	413							
Total	730	1158	3063	3795	1431	0	98	176

Population and Employment in Study Area by TAZ

TAZ	2010				
	POP	HH	EMP	Retail	NR
258	0	0	0	0	0
260	225	78	25	2	22
774	89	33	3	1	2
776	0	0	0	0	0
777	258	88	2	0	2
779	35	13	0	0	0
780	1572	524	28	10	18
781	15	8	1	0	1
1005	4	2	0	0	0
1006	79	27	9	1	7
1007	7226	2680	1637	380	1261
1009	899	328	175	37	137
1010	309	108	35	3	30
Total	10711	3889	1915	434	1480

2040 Five County Base with IMF Added

POP	2040 with IMF				
	HH	EMP	Retail	NR	
0	0	0	0	0	0
1840	642	118	95	22	
767	259	1531	575	956	
0	0	0	0	0	
702	236	740	131	610	
35	13	167	167	0	
2900	1012	57	39	18	
15	8	826	189	637	
4	2	532	0	444	
79	27	4838	233	4603	
12140	4685	8219	990	6983	
1958	681	2407	37	2369	
722	246	35	3	30	
21161	7810	19470	2458	16673	

2040 Five County Base without IMF

POP	2040 5-County Model				
	HH	EMP	Retail	NR	
0	0	0	0	0	0
419	168	110	22	88	
619	229	300	126	174	
0	0	0	0	0	
326	110	1	0	1	
95	33	0	0	0	
2859	1018	65	13	52	
38	15	41	0	4	
10	4	11	0	11	
148	59	38	7	31	
13248	5407	3311	1574	1737	
1656	672	420	165	255	
576	231	151	30	121	
19994	7946	4448	1937	2474	

Variance

POP	HH	Variance		
		Total emp	Retail emp	Non-retail emp
0	0	0	0	0
1421	474	8	73	-66
148	30	1231	449	782
0	0	0	0	0
376	126	739	131	609
-60	-20	167	167	0
41	-7	-8	26	-34
-23	-7	785	189	633
-6	-2	521	0	433
-69	-32	4800	226	4572
-1108	-722	4908	-584	5246
302	9	1987	-128	2114
146	15	-116	-27	-91
1167	-136	15022	521	14199

**Interim Preferred Scenario
Acree of Land Uses by TAZ**

TAZ	CONS	RR	LDR	MDR	HDR	MU	MU Retail	MU MDR	MU HDR	BP	LI	WD	C (retail)	c (non-retail)	IMF
258															
260	1216	45	37	26											17
774		140									35		27		
776															
777		296	49								27				
779															
780			87	45										4	
781												131	26		
1005												85			90
1006										30		226	12		
1007			64	140	53	13	6.5	3.25	3.25	64	111	508	51		250
1009		16	40							30					
1010		150													
Total	1216	647	277	211	53	13	6.5	3.25	3.25	124	173	950	120	17	340 acres

Assumptions			
	du/A	FAR	SF/E
CONS	0.1		
RR	0.5		
LDR	2.5		
MDR	6		
HDR	12		
MU			
50% Retail		0.2	600
25% MDR	6		
25% HDR	12		
BP		0.25	400
LI		0.15	1000
WD		0.3	2500
C/Visitor		0.15	600
C/Retail		0.2	600

Households or Building Area by TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU Retail	MU MDR	MU HDR	BP (SF)	LI (SF)	WD (SF)	C-R (SF)	c-NR (SF)	IMF
258															
260	122	23	93	156											55539
774		70	0								228690		117612		
776															
777		148	123								176418		0		
779													0		
780			218	270									17424		
781										0	0	855954	113256		
1005												1110780	0		
1006										326700	0	2953368	52272		
1007	0	160	840	636			56628	20	39	696960	725274	6638544	222156		
1009	8	100								326700					
1010	75														
Total	122	324	693	1266	636	0	56628	20	39	1350360	1130382	11558646	522720	55539	0
units	HH	HH	HH	HH	HH		SF	HH	HH	SF	SF	SF	SF	SF	SF

Households or employees per TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU Retail	MU MDR	MU HDR	BP (SF)	LI (SF)	WD (SF)	C-R (SF)	c-NR (SF)	IMF
258			0												
260	122	23	93	156	0										93
774		70	0	0	0						229		196	0	
776															
777		148	123	0	0					0	176		0	0	
779		0	0	0	0						0		0		
780		0	218	270	0								29		
781		0	0	0	0							342	189		
1005		0	0	0	0							444	0		60
1006		0	0	0	0		0	0	0	817	0	1181	87	0	
1007	0	160	840	636			94	20	39	1742	725	2655	370		170
1009	8	100	0	0	0					817	0	0	0		
1010	75	0	0	0	0						0	0	0		
Total	122	324	693	1266	636	0	94	20	39	3376	1130	4623	871	93	230
	HH	HH	HH	HH	HH		emp	HH	HH	emp	emp	emp	emp	emp	emp

Totals by TAZ			
Households	Total Emp	Retail Emp	Non-Retail Emp
0	0	0	0
393	93	93	0
70	425	196	229
0	0	0	0
271	176	0	176
0	0	0	0
488	29	29	0
0	531	189	342
0	504	0	444
0	2085	87	1998
1695	5758	465	5123
108	817	0	817
75	0	0	0

Assumptions				
	du/A	FAR	SF/E	POP
CONS	0.1			
RR	0.5			
LDR	2.5			3
MDR	6			2.5
HDR	12			2.25
MU				
50% Retail		0.2	600	
25% MDR	6			
25% HDR	12			
BP		0.25	400	
LI		0.15	1000	
WD		0.3	2500	
C/Visitor		0.15	600	
C/Retail		0.2	600	

Resident Population per TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU MDR	MU HDR	
258								
260	365	68	278	390				
774		210	0					
776								
777		444	368					
779								
780			653	675				
781								
1005								
1006								
1007	0	480	2100	1431		49	88	
1009	24	300						
1010	225							
Total	365	971	2078	3165	1431	0	49	88

Population and Employment in Study Area by TAZ

TAZ	2010					
	POP	HH	EMP	Retail	NR	
258	0	0	0	0	0	0
260	225	78	25	2	22	
774	89	33	3	1	2	
776	0	0	0	0	0	
777	258	88	2	0	2	
779	35	13	0	0	0	
780	1572	524	28	10	18	
781	15	8	1	0	1	
1005	4	2	0	0	0	
1006	79	27	9	1	7	
1007	7226	2680	1637	380	1261	
1009	899	328	175	37	137	
1010	309	108	35	3	30	
Total	10711	3889	1915	434	1480	

2040 Five County Base with IMF Added

POP	2040 with IMF				
	HH	EMP	Retail	NR	
0	0	0	0	0	0
1325	471	118	95	22	
299	103	428	197	231	
0	0	0	0	0	
1070	359	178	0	178	
35	13	0	0	0	
2900	1012	57	39	18	
15	8	532	189	343	
4	2	504	0	444	
79	27	2094	88	2005	
11374	4375	7395	845	6384	
1223	436	992	37	954	
534	183	35	3	30	
Total	18856	6987	12333	1492	10610

2040 Five County Base without IMF

POP	2040 5-County Model				
	HH	EMP	Retail	NR	
0	0	0	0	0	0
419	168	110	22	88	
619	229	300	126	174	
0	0	0	0	0	
326	110	1	0	1	
95	33	0	0	0	
2859	1018	65	13	52	
38	15	41	0	4	
10	4	11	0	11	
148	59	38	7	31	
13248	5407	3311	1574	1737	
1656	672	420	165	255	
576	231	151	30	121	
Total	19994	7946	4448	1937	2474

Variance

POP	HH	Variance			
		Total emp	Retail emp	Non-retail emp	
0	0	0	0	0	
906	303	8	73	-66	
-320	-126	128	71	57	
0	0	0	0	0	
744	249	177	0	177	
-60	-20	0	0	0	
41	-7	-8	26	-34	
-23	-7	491	189	339	
-6	-2	493	0	433	
-69	-32	2056	81	1974	
-1875	-1033	4084	-729	4647	
-433	-236	572	-128	699	
-42	-48	-116	-27	-91	
Total	-1138	-959	7885	-445	8136

Scenario 4 W&D N of Hwy 56
Acreage of Land Uses by TAZ

TAZ	CONS	RR	LDR	MDR	HDR	MU	MU Retail	MU MDR	MU HDR	BP	LI	WD	C (retail)	c (non-retail)	IMF
258															
260	2432	36	118												17
774											33		89		
776															
777			88							138		219	34		
779													23		
780			145	31											
781			88									109			29
1005												70	6		87
1006			41	108	36	34	17	8.5	8.5	133	72	262			
1007			148	24	48	52	26	13	13		152	626	70		238
1009			133								94				
1010		320													
Total	2432	356	673	251	84	86	43	21.5	21.5	133	489	1286	222	17	354

Assumptions			
	du/A	FAR	SF/E
CONS	0.1		
RR	0.5		
LDR	2.5		
MDR	6		
HDR	12		
MU			
50% Retail		0.2	600
25% MDR	6		
25% HDR	12		
BP		0.25	400
LI		0.15	1000
WD		0.3	2500
C/Visitor		0.15	600
C/Retail		0.2	600

Households or Building Area by TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU Retail	MU MDR	MU HDR	BP (SF)	LI (SF)	WD (SF)	C-R (SF)	c-NR (SF)	IMF
258															
260	243	18	295									215622	387684		5539
774															
776															
777			220								901692	2861892	148104		
779														100188	
780			363	186											
781			528									712206			
1005												914760	26136		
1006			103		432		148104	51	102	1448370	470448	3423816			
1007			370	144	576		226512	78	156		993168	8180568	304920		
1009			333								614196				
1010		160													
Total	243	178	1683	858	1008	0	374616	129	258	1448370	3195126	16093242	967032	55539	0
units	HH	HH	HH	HH	HH		SF	HH	HH	SF	SF	SF	SF	SF	SF

Households or employees per TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU Retail	MU MDR	MU HDR	BP (SF)	LI (SF)	WD (SF)	C-R (SF)	c-NR (SF)	IMF
258			0												
260	243	18	295											93	
774												216	646		
776															
777			220								902		247		
779													167		
780			363	186											
781			528									285	366	44	
1005															
1006			103		432		247	51	102	3621	470	1370			
1007			370	144	576		378	78	156		993	3272	508		
1009			333								614				
1010		160													
Total	243	178	1683	858	1008	0	624	129	258	3621	3195	5293	1612	93	0
	HH	HH	HH	HH	HH		emp	HH	HH	emp	emp	emp	emp	emp	emp

Totals by TAZ			
Households	Total Emp	Retail Emp	Non-Retail Emp
0	0	0	0
556	93	93	0
0	862	646	216
0	0	0	0
220	1149	247	902
0	167	167	0
549	0	0	0
528	285	0	285
0	409	44	366
688	5708	247	5461
1324	5151	886	4265
333	614	0	614
160	0	0	0

Assumptions				
	du/A	FAR	SF/E	POP
CONS	0.1			
RR	0.5			
LDR	2.5			3
MDR	6			2.5
HDR	12			2.25
MU				
50% Retail		0.2	600	
25% MDR	6			
25% HDR	12			
BP		0.25	400	
LI		0.15	1000	
WD		0.3	2500	
C/Visitor		0.15	600	
C/Retail		0.2	600	

Resident Population per TAZ

TAZ	CONS (HH)	RR (HH)	LDR (HH)	MDR (HH)	HDR (HH)	MU	MU Retail	MU MDR	MU HDR
258									
260	730	54	885						
774									
776									
777			660						
779									
780			1088	465					
781				1320					
1005									
1006			308		972			128	230
1007			1110	360	1296			195	351
1009			998						
1010		480							
Total	730	534	5048	2145	2268	0	0	323	581

Population and Employment in Study Area by TAZ

TAZ	2010					
	POP	HH	EMP	Retail	NR	
258	0	0	0	0	0	0
260	225	78	25	2	22	
774	89	33	3	1	2	
776	0	0	0	0	0	
777	258	88	2	0	2	
779	35	13	0	0	0	
780	1572	524	28	10	18	
781	15	8	1	0	1	
1005	4	2	0	0	0	
1006	79	27	9	1	7	
1007	7226	2680	1637	380	1261	
1009	899	328	175	37	137	
1010	309	108	35	3	30	
Total	10711	3889	1915	434	1480	

2040 Five County Base with IMF Added

POP	2040 with IMF				
	HH	EMP	Retail	NR	
0	0	0	0	0	0
1894	634	118	95	22	
89	33	865	647	218	
0	0	0	0	0	
918	308	1151	247	904	
35	13	167	167	0	
3125	1073	28	10	18	
1335	536	286	0	286	
4	2	409	44	366	
1716	715	5717	248	5468	
10538	4004	6788	1266	5526	
1897	661	789	37	751	
789	268	35	3	30	
22338	8246	16352	2763	13589	

2040 Five County Base without IMF

POP	2040 5-County Model				
	HH	EMP	Retail	NR	
0	0	0	0	0	0
419	168	110	22	88	
619	229	300	126	174	
326	110	1	0	1	
95	33	0	0	0	
2859	1018	65	13	52	
38	15	41	0	4	
10	4	11	0	11	
148	59	38	7	31	
13248	5407	3311	1574	1737	
1656	672	420	165	255	
576	231	151	30	121	
19994	7946	4448	1937	2474	

Variance

POP	HH	Variance			
		Total emp	Retail emp	Non-retail emp	
0	0	0	0	0	
1475		466	8	73	
-530		-196	565	521	
0		0	0	0	
592		198	1150	247	
-60		-20	167	167	
266		55	-37	-3	
1297		521	245	0	
-6		-2	398	44	
1568		656	5679	241	
-2710		-1403	3477	-308	
241		-12	369	-128	
213		37	-116	-27	
2344		300	11904	826	
				11115	