

Intersection Priority Rankings															
Crash Data Analyzed January 1, 2003 to December 31, 2005															
No.	Street 1	Street 2	Vehicles Entering	Score (Max=20)	Crashes	Score (Max=20)	EPDO	Score (Max=20)	Crash Rate	Score (Max=20)	Functional Classification	Score (Max=5)	TIP	Score (Max=1)	Total Score (Max=86)
1	Cary Parkway	High House	52,000	17	54	20	209.4	20	1.97	10	Major Thoroughfare	4	No	0	71
2	Cary Parkway	SR 1521/Lake Pines	38,000	13	45	18	292.16	20	3.42	14	Major Thoroughfare	4	No	0	69
3	NE/SE Maynard Rd	E Chatham	32,000	10	53	20	246.88	20	3.46	15	Major Thoroughfare	4	No	0	69
4	Kildaire Farm Rd	Tryon	54,000	18	41	17	146.08	18	1.50	8	Major Thoroughfare	4	No	0	65
5	Tryon Rd	Regency Pkwy	36,000	13	27	12	123.2	16	8.22	20	Major Thoroughfare	4	No	0	65
6	Walnut Street	US 1/US 64/Structure:910178	112,000	20	50	19	198	19	0.64	2	Major Thoroughfare	4	No	0	64
7	SW Maynard Rd	Walnut	45,000	16	45	18	133.8	16	1.79	9	Major Thoroughfare	4	No	0	63
8	Cary Parkway	SR 1011/SR 1616/Old Apex	38,000	13	29	13	156.28	18	2.41	12	Major Thoroughfare	4	No	0	60
9	Davis Drive	SR 3014/Morrisville Carpenter	30,000	9	29	13	171.08	19	2.41	12	Major Thoroughfare	4	Yes	1	58
10	NW Maynard Rd	Chapel Hill Rd/NC 54	29,000	8	40	17	128.8	16	3.04	13	Major Thoroughfare	4	No	0	58
11	Walnut Street	SR 1315/Buck Jones	47,000	16	32	14	106	15	1.62	9	Major Thoroughfare	4	No	0	58
12	Walnut Street	Meeting	30,000	9	35	16	64.6	9	10.65	20	Major Thoroughfare	4	No	0	58
13	NW Cary Parkway	James Jackson/Rainbrook	27,000	7	22	9	164.08	18	6.70	19	Major Thoroughfare	4	No	0	57
14	SE/SW Maynard Rd	Kildaire Farm Rd	60,000	19	29	13	134.08	16	0.95	5	Major Thoroughfare	4	No	0	57
15	Cary Parkway	Kildaire Farm Rd	61,000	19	33	15	92.2	13	0.94	5	Major Thoroughfare	4	No	0	56
16	Kildaire Farm Rd	Lochmere	29,000	8	23	10	97	14	7.00	20	Major Thoroughfare	4	No	0	56
17	Cary Parkway	Bond Lake/McArthur	32,000	10	17	6	144.28	17	5.18	18	Major Thoroughfare	4	No	0	55
18	Kildaire Farm Rd	High Meadow	36,200	13	22	9	110.8	15	3.24	14	Major Thoroughfare	4	No	0	55
19	Harrison Avenue	NC 54/SR 1747/Maynard	30,000	9	32	14	143	17	1.95	10	Major Thoroughfare	4	No	0	54
20	Ten Ten Rd	Penny Rd	28,500	7	23	10	187.28	19	2.21	12	Major Thoroughfare	4	No	0	52
25	Walnut Street	SR 1419/Lawrence/Nottingham	32,000	10	20	8	71.8	11	6.09	19	Major Thoroughfare	4	No	0	52
26	SE Cary Parkway	US 1/US 64/Structure:910635	127,000	20	30	13	89.2	13	0.30	1	Major Thoroughfare	4	No	0	51
27	NC 55	US 64 WB Ramp	58,000	19	28	12	79.8	12	0.77	3	Major Thoroughfare	4	Yes	1	51
28	US 1/64	Tryon Rd	115,000	20	23	10	82.2	13	0.47	1	Freeway	5	Yes	1	50
29	SW Maynard Rd	Cary Towne	40,000	14	23	10	104.4	15	1.00	6	Major Thoroughfare	4	No	0	49
30	Cary Parkway	306/SR 1308/Cowan/Laura Duncan/Thu	30,000	9	16	5	90	13	4.87	17	Major Thoroughfare	4	No	0	48
31	SW Maynard Rd	Kilmayne	22,900	5	21	8	95	14	4.92	17	Major Thoroughfare	4	No	0	48
32	US 64	Edinburgh Rd	48,000	16	16	5	53	6	4.87	17	Major Thoroughfare	4	No	0	48
33	Holly Springs Road	SR 1301/Sunset Lake	15,600	1	27	12	93.6	14	4.25	16	Major Thoroughfare	4	No	0	47
34	Kildaire Farm Rd	Ten Ten	32,000	10	22	9	134.48	16	1.55	8	Major Thoroughfare	4	No	0	47
35	Walnut Street	Dillard	40,000	14	25	11	62	8	1.76	9	Major Thoroughfare	4	No	0	46
36	Cary Parkway	Bebington/Trade Center/Waldo Rood	29,000	8	16	5	67.8	11	4.87	17	Major Thoroughfare	4	No	0	45
37	Kildaire Farm Rd	Shannon Oaks	33,000	12	16	5	53	6	4.87	17	Major Thoroughfare	4	No	0	44
38	Tryon Rd	New Waverly Pl	20,000	3	18	7	69.8	11	5.48	19	Major Thoroughfare	4	No	0	44
39	Walnut Street	SR 1009/SR 1152/Holly Springs/Tryon	28,000	7	23	10	135.48	17	1.24	6	Major Thoroughfare	4	No	0	44
40	NC 55	High House Dr/Green Level Rd	20,300	3	18	7	62.4	9	4.98	18	Major Thoroughfare	4	Yes	1	42
41	Walnut Street	Donaldson	32,000	10	13	3	64.8	9	3.96	16	Major Thoroughfare	4	No	0	42
42	NW Cary Parkway	NC 54/Chapel Hill	35,000	13	21	8	57	7	1.74	9	Major Thoroughfare	4	No	0	41
43	SE Cary Parkway	High Meadow	28,000	7	17	6	54	6	5.18	18	Major Thoroughfare	4	No	0	41
44	Harrison Avenue	Dynasty	23,000	5	11	2	116.08	16	3.35	14	Major Thoroughfare	4	No	0	41
45	NC 55	Parkscene Ln	28,000	7	12	3	71.2	11	3.65	15	Major Thoroughfare	4	Yes	1	41
46	Tryon Rd	Crescent Green/Crescent Commons	28,000	7	16	5	60.4	8	4.87	17	Major Thoroughfare	4	No	0	41
47	Kildaire Farm Rd	Kilmayne	31,900	10	16	5	53	6	3.75	15	Major Thoroughfare	4	No	0	40
48	NC 55	Vision	28,000	7	17	6	39.2	4	5.18	18	Major Thoroughfare	4	Yes	1	40
49	SW Maynard Rd	Jim Valvano	35,000	13	12	3	41.6	4	3.65	15	Major Thoroughfare	4	No	0	39
50	E/W Chatham Street	Academy Street	25,000	6	21	8	72.8	12	1.60	8	Major Thoroughfare	4	No	0	38
51	Kildaire Farm Rd	Advent/Waverly	32,000	10	13	3	42.6	5	3.96	16	Major Thoroughfare	4	No	0	38
52	NC 55	Jenks/Old Jenks	29,600	8	17	6	46.6	5	3.38	14	Major Thoroughfare	4	Yes	1	38
53	US 64	Lake Pine Dr	49,000	17	16	5	53	6	1.22	6	Major Thoroughfare	4	No	0	38

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54	Davis Drive	SR 3060/Crosstimmer/Morrisville	25,300	6	21	8	58	7	2.31	12	Major Thoroughfare	4	No	0	37
55	Harrison Avenue	SR 3081/Chapel Hill	24,900	6	21	8	65.4	9	1.94	10	Major Thoroughfare	4	No	0	37
56	Harrison Avenue	SAS Campus	51,600	17	15	4	37.2	4	1.09	6	Major Thoroughfare	4	No	0	35
57	Morrisville Carpenter Rd	Koppers	13,600	1	15	4	66.8	10	3.81	16	Major Thoroughfare	4	No	0	35
58	Tryon Rd	Jones Franklin Rd	36,000	13	18	7	55	7	0.87	4	Major Thoroughfare	4	No	0	35
59	Tryon Rd	Piney Plains Rd	20,000	3	17	6	39.2	4	5.18	18	Major Thoroughfare	4	No	0	35
60	Davis Drive	High House Dr	40,000	14	20	8	42.2	4	0.87	4	Major Thoroughfare	4	No	0	34
61	Kildaire Farm Rd	Byrum	19,000	3	11	2	70.2	11	3.35	14	Major Thoroughfare	4	No	0	34
62	US 1/64	I-40/I-440	182,000	20	16	5	23.4	2	0.14	1	Freeway	5	Yes	1	34
63	W Chatham Street	Harrison Ave	24,200	5	17	6	61.4	8	1.89	10	Major Thoroughfare	4	No	0	33
64	High House Road	Legault/Prestonwood	28,000	7	13	3	35.2	3	3.96	16	Major Thoroughfare	4	No	0	33
65	NE Maynard Rd	Chapel Hill Rd/NC 54	30,000	9	14	4	65.8	10	1.16	6	Major Thoroughfare	4	No	0	33
66	W Chatham Street	Dixon	17,000	2	14	4	36.2	3	6.39	19	Major Thoroughfare	4	No	0	32
67	Kildaire Farm Rd	Farmington Woods/Wrenn	39,000	14	15	4	22.4	2	1.52	8	Major Thoroughfare	4	No	0	32
68	NC 55	Morrisville Carpenter/Indian Wells	26,000	6	10	1	100.28	15	0.91	5	Major Thoroughfare	4	Yes	1	32
69	US 64	Kelly Rd	30,300	9	12	3	56.4	7	1.74	9	Major Thoroughfare	4	No	0	32
70	Harrison Avenue	SR 3977/Cary	43,000	16	12	3	34.2	3	1.00	5	Major Thoroughfare	4	No	0	31
71	Harrison Avenue	SR 1650/Reedy Creek	25,900	6	13	3	57.4	7	2.01	11	Major Thoroughfare	4	No	0	31
72	NC 55	Carpenter Fire Station	19,500	3	12	3	49	6	3.13	14	Major Thoroughfare	4	Yes	1	31
73	US 64	Green Level Church	27,300	7	11	2	48	5	3.04	13	Major Thoroughfare	4	No	0	31
74	Davis Drive	Parkside Valley	20,000	3	12	3	34.2	3	3.65	15	Major Thoroughfare	4	Yes	1	29
75	Harrison Avenue	SR 3005/SR 3090/Richard/Weston	50,000	17	13	3	20.4	2	0.66	3	Major Thoroughfare	4	No	0	29
76	High House Road	SR 1617/Carpenter Upchurch	21,000	3	14	4	21.4	2	4.26	16	Major Thoroughfare	4	No	0	29
77	NW Maynard Rd	High House	38,000	13	14	4	51	6	0.56	2	Major Thoroughfare	4	No	0	29
78	Walnut Street	SR 1313/SR 1497/Cary Towne	30,900	10	17	6	54	6	0.74	3	Major Thoroughfare	4	No	0	29
79	Holly Springs Road	SR 1379/Penny	24,000	5	15	4	59.4	8	1.37	7	Major Thoroughfare	4	No	0	28
80	Tryon Rd	Cary Pkwy	43,000	16	12	3	41.6	4	0.42	1	Major Thoroughfare	4	No	0	28
81	Holly Springs Road	SR 3977/Cary	44,000	16	12	3	34.2	3	0.42	1	Major Thoroughfare	4	No	0	27
82	Chapell Hill Rd	Academy	16,700	1	16	5	53	6	2.15	11	Major Thoroughfare	4	No	0	27
83	High House Road	SR 3011/Jenks Carpenter	21,000	3	11	2	33.2	3	3.35	14	Major Thoroughfare	4	No	0	26
84	Tryon Rd	Frostwood Dr	20,000	3	11	2	33.2	3	3.35	14	Major Thoroughfare	4	No	0	26
85	Walnut Street	Ivy	26,000	6	10	1	10	2	3.04	13	Major Thoroughfare	4	No	0	26
86	E Chatham Street	Lake	16,000	1	10	1	54.4	6	3.04	13	Major Thoroughfare	4	No	0	25
87	E Chatham Street	Durham	17,900	2	13	3	35.2	3	3.04	13	Major Thoroughfare	4	No	0	25
88	Davis Drive	SR 1611/Old Jenks	14,300	1	10	1	24.8	3	3.97	16	Major Thoroughfare	4	No	0	25
89	Old Apex Road Salem St	Laura Duncan	20,300	3	14	4	58.4	7	1.37	7	Major Thoroughfare	4	No	0	25
90	High House Road	Cornerstone	21,000	3	10	1	24.8	3	3.04	13	Major Thoroughfare	4	No	0	24
91	Holly Springs Road	SR 1010/Ten Ten	27,000	7	11	2	48	5	0.63	2	Major Thoroughfare	4	No	0	20

Table 3  
Segment Priority Rankings  
Crash Data Analyzed January 1, 2003 to December 31, 2005

No.	Locations	To-From	AADT	Score (Max=20)	Crashes	Score (Max=20)	EPDO	Score (Max=20)	Crash Rate	Score (Max=20)	TIP	Score (Max=1)	Functional Classification	Score (Max=5)	Total Score (Max=86)
1	Walnut St	Kildaire Farm Rd to Tryon Rd	22900	16	620	19	1909.08	18	650.666566	19	No	0	Major Thoroughfare	4	76
2	Kildaire Farm Rd	Holly Springs Rd to Walnut St	23300	16	684	19	2627.24	20	391.95	15	No	0	Major Thoroughfare	4	74
3	Harrison Ave	I-40 to Chatham St	23900	17	354	17	1222.76	16	381.033262	15	No	0	Major Thoroughfare	4	69
4	US 1/64	William St to I-40	63300	20	838	20	2652.48	20	173.95679	2	Yes	1	Freeway	5	68
5	Tryon Rd	Jones Franklin Rd to US 1/64	19600	14	349	16	1202.96	15	486.865241	18	No	0	Major Thoroughfare	4	67
6	SE Maynard Rd	Chatham st to Kildaire Farm Rd	25900	18	279	14	1113.72	15	359.04	13	No	0	Major Thoroughfare	4	64
7	SW Cary Pkwy	Kildaire Farm Rd to High House Rd	25000	18	337	15	1401.12	18	254.349221	8	No	0	Major Thoroughfare	4	63
8	US 64	NC 751 to Tryon Rd	27900	20	436	18	1917.48	19	157.870046	1	No	0	Major Thoroughfare	4	62
9	NC 55	Durham County Line to US 64	21900	15	444	18	1978.76	20	213.80	4	Yes	1	Major Thoroughfare	4	62
10	High House Rd	NC 55 to Cary Pkwy	19500	13	230	13	703.6	11	430.862897	17	No	0	Major Thoroughfare	4	58
11	Chapel Hill Rd	NW Cary Pkwy to I-40	13500	7	303	14	1051.88	14	486.87	18	No	0	Major Thoroughfare	4	57
12	Chatham St	I-40 to Old Apex Rd	11000	6	211	12	760.08	14	700.705687	20	No	0	Major Thoroughfare	4	56
13	Holly Springs Rd	Tryon Rd to Sunset Lake Rd	16800	9	341	15	1381.44	17	283.434838	10	No	0	Major Thoroughfare	4	55
14	SE Cary Pkwy	Holly Springs Rd to Kildaire Farm Rd	19500	13	221	13	740.48	12	352.043405	12	No	0	Major Thoroughfare	4	54
15	NW Cary Pkwy	High House Rd to Evans Rd	23900	17	186	10	601.88	9	272.30801	10	No	0	Major Thoroughfare	4	50
16	SW Maynard Rd	Kildaire Farm Rd to Old Apex Rd	18500	12	123	7	562.56	8	404.79	16	No	0	Major Thoroughfare	4	47
17	Academy St	Kildaire Farm Rd to Chapel Hill Rd	19700	14	54	4	172.4	5	455.145994	18	No	0	Major Thoroughfare	4	45
18	Ten Ten Rd	Kildaire Farm Rd to US 1	22400	15	129	7	749.12	13	230.670855	5	No	0	Major Thoroughfare	4	44
19	NW Maynard Rd	Old Apex Rd to N Harrison Ave	14300	8	166	9	587.8	8	375.93	13	No	0	Major Thoroughfare	4	42
20	Davis Dr	High House Rd to Development Rd	17300	11	198	11	720.44	12	185.650692	3	Yes	1	Major Thoroughfare	4	42
21	NE Maynard Rd	Harrison Ave to E Chatham St	17000	10	139	8	599.28	8	288.30	11	No	0	Major Thoroughfare	4	41
22	Old Apex Rd	Chatham St to US 64	10100	5	156	9	625.16	10	300.12	12	No	0	Major Thoroughfare	4	40
23	Morrisville Carpenter Rd	Davis Dr to NC 55	10000	4	68	5	396.56	6	380.98	14	No	0	Major Thoroughfare	4	33
24	Jenks Rd	NC 55 to US 64	2300	1	44	3	169.8	4	647.06	19	No	0	Minor Thoroughfare	3	30
25	Green Level Church Rd	Us 64 to Green Hope School Rd	3400	2	59	4	426.04	6	379.1252	14	No	0	Major Thoroughfare	4	30
26	Davis Dr	US 64 to High House Rd	13300	7	100	6	262.8	6	208.0752	4	No	0	Major Thoroughfare	4	27
27	Graham Newton Rd	Penny Rd to Optimist Farm Rd	4500	3	36	2	132.2	4	255.4523	9	No	0	Major Thoroughfare	4	22
28	NE Cary Pkwy	Evans St to Harrison Ave	11100	6	43	3	102.2	3	226.781	5	No	0	Major Thoroughfare	4	21
29	Green Level Rd	Green Level Church Rd to NC 55	3300	2	18	1	77.2	2	252.8589	6	No	0	Minor Collector	1	12