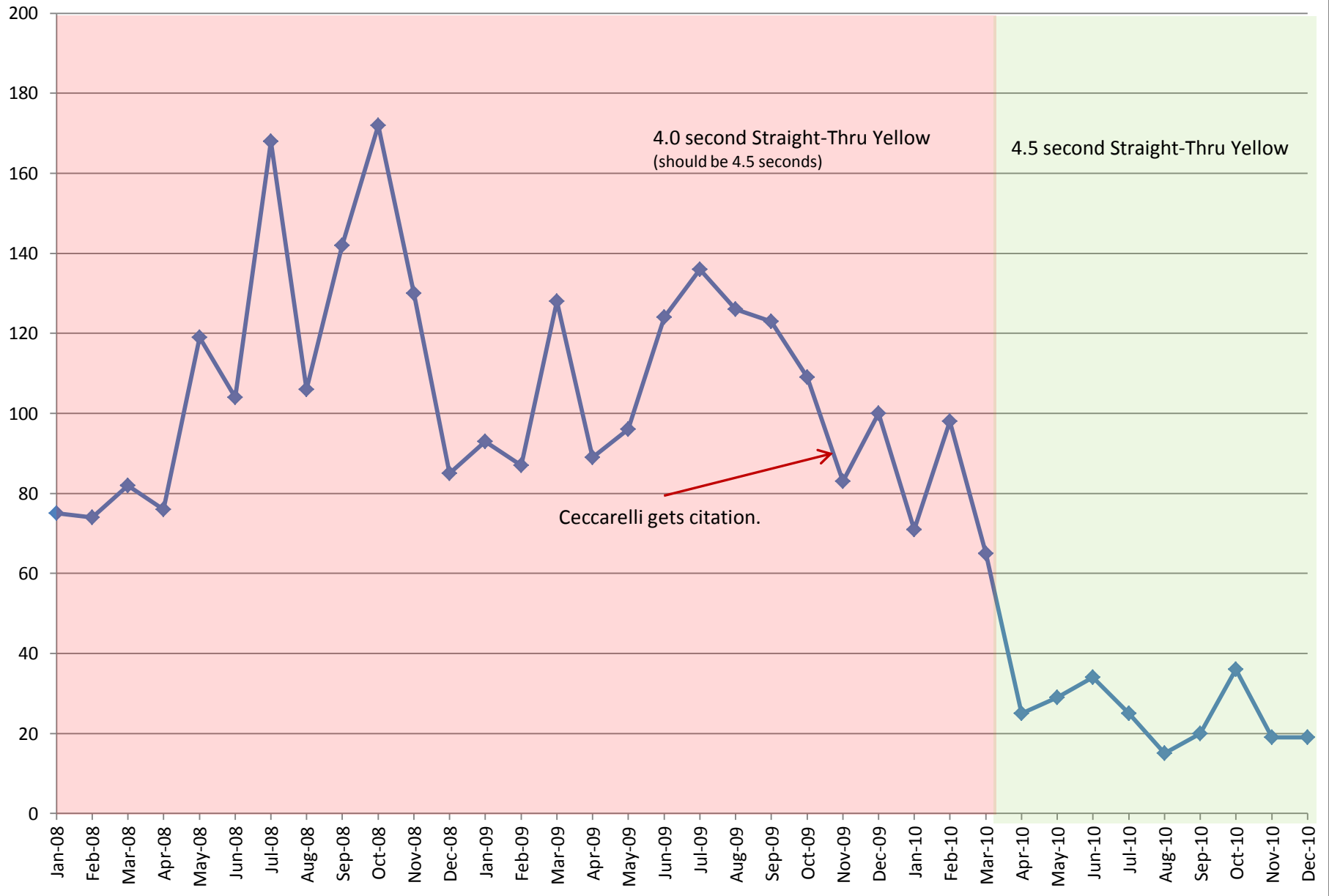
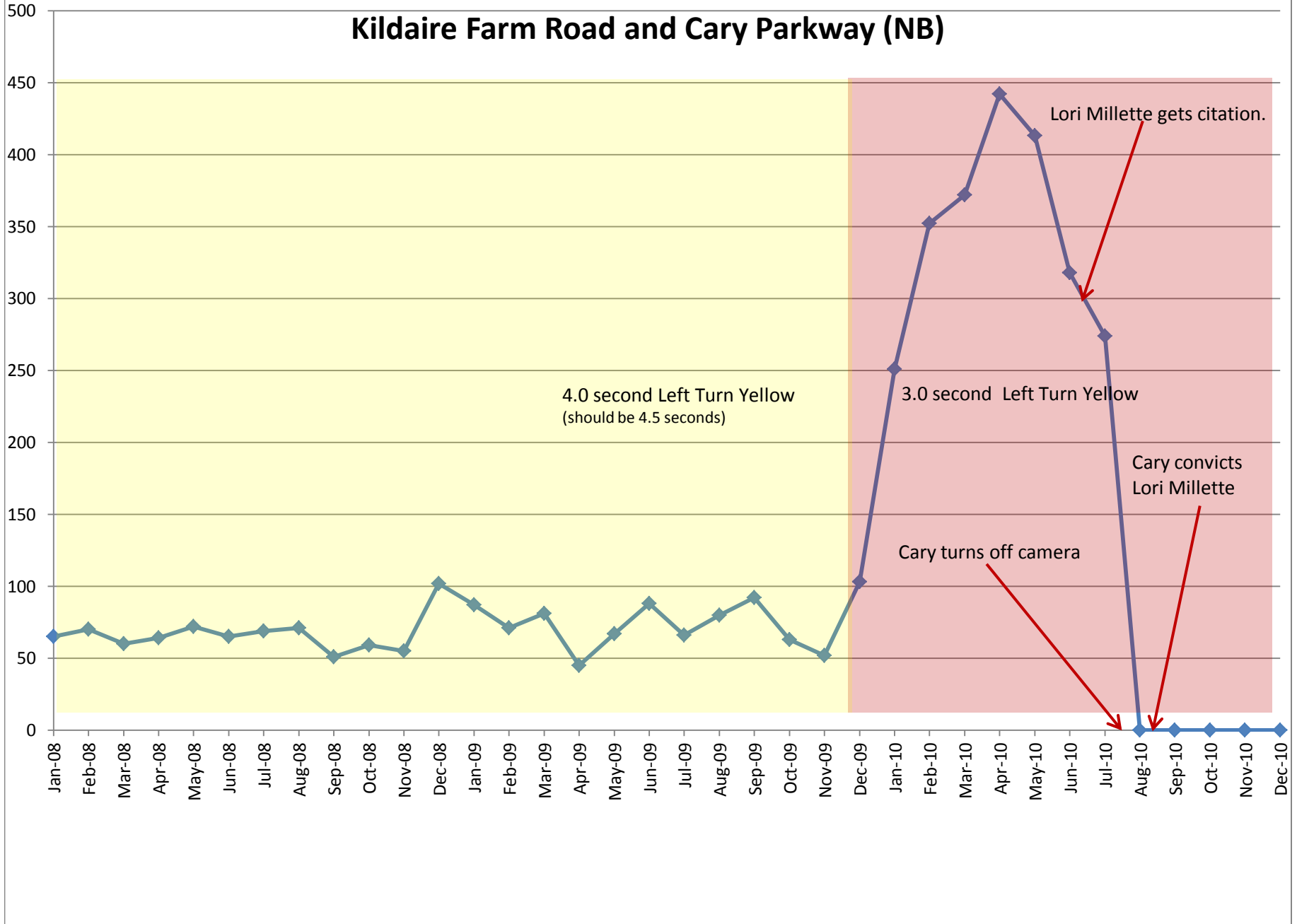


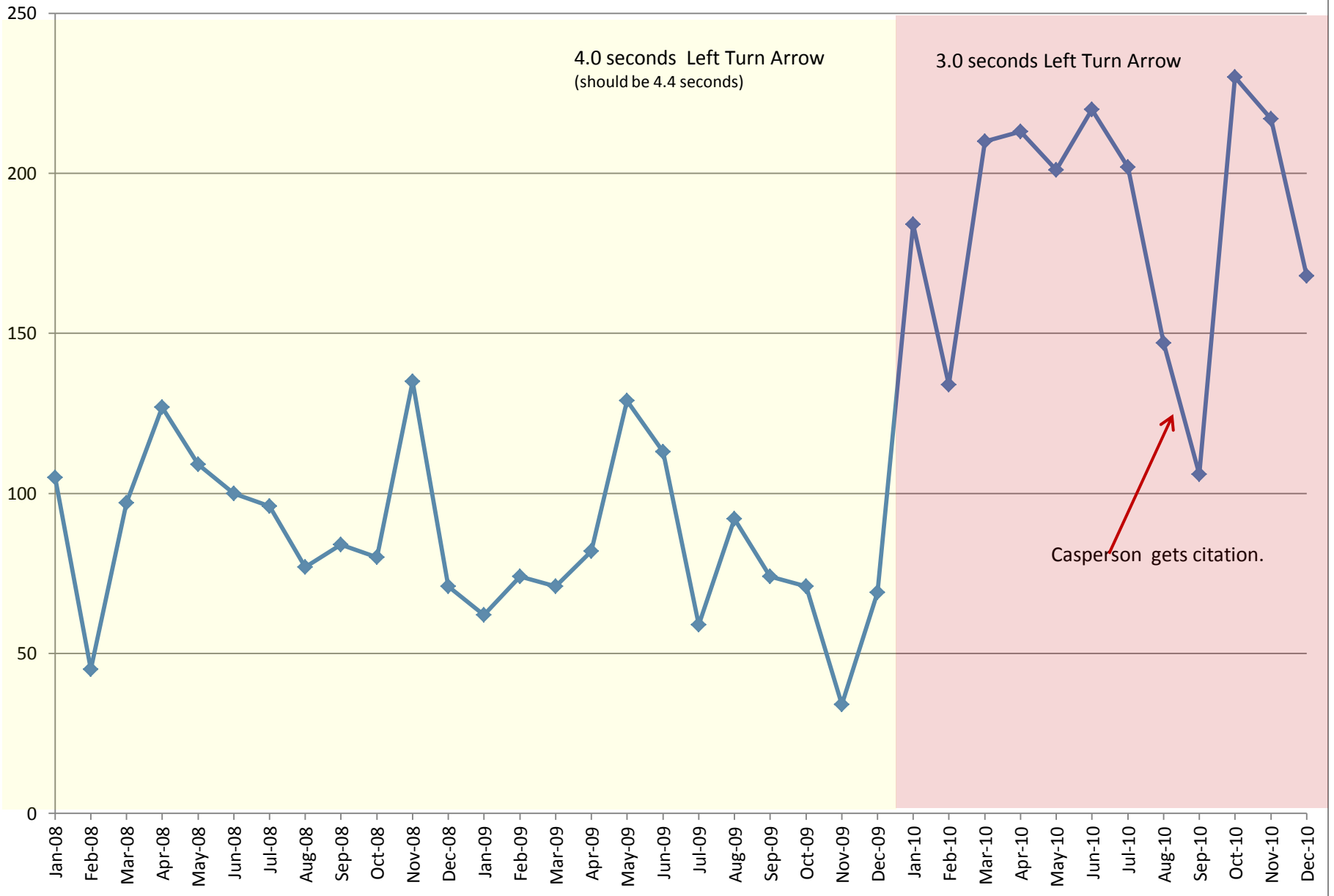
Cary Town Blvd and Convention Drive (EB)



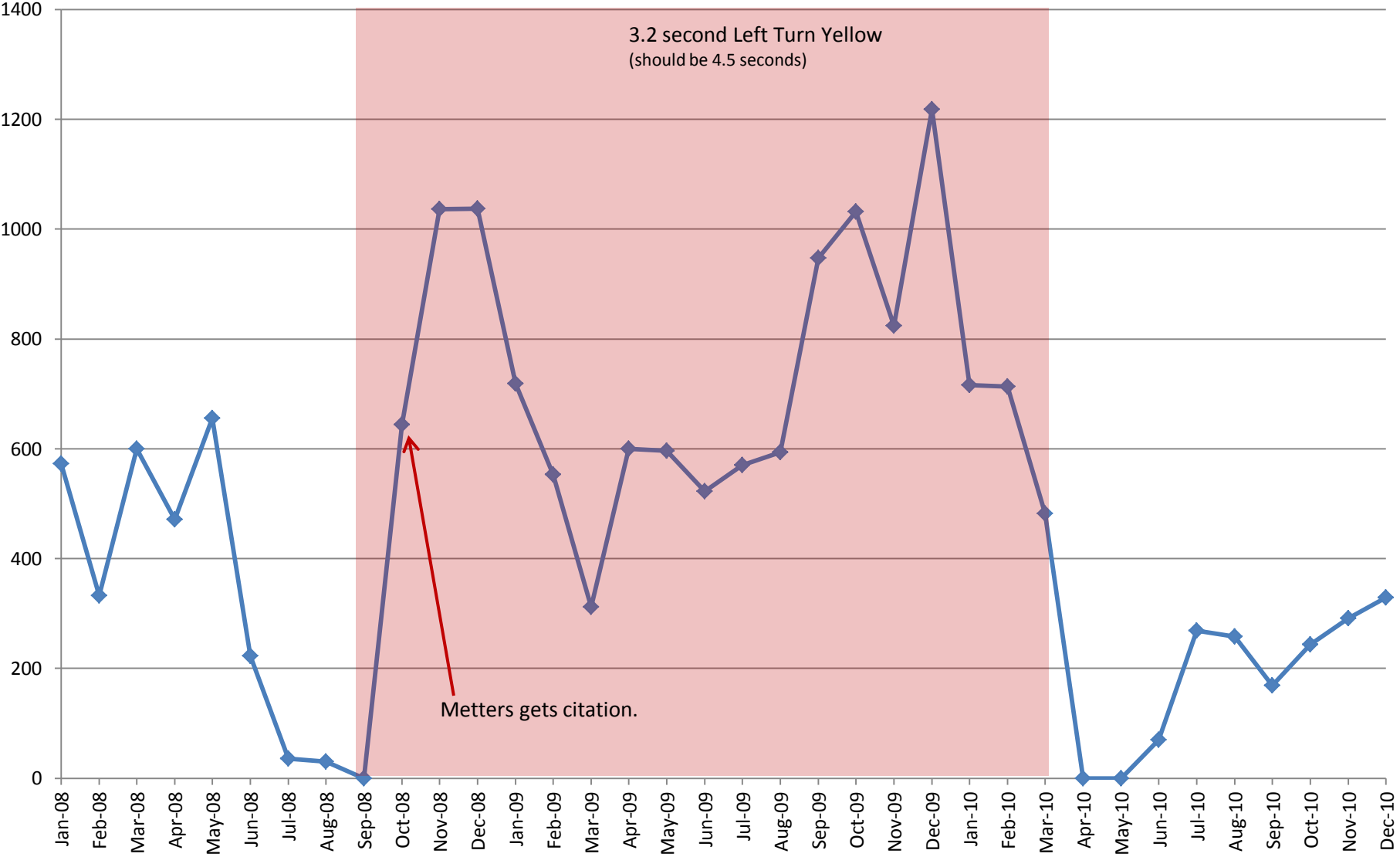
Kildaire Farm Road and Cary Parkway (NB)



Cary Parkway and Kildaire Farm Road (WB)



Walnut Street and Meeting Street (SB)



SAFELIGHT CARY CITATION TOTALS 2008 - 2010

Intersection Location	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
Cary Town Blvd and Convention Drive (EB)	75	74	82	76	119	104	168	106	142	172	130	85	93	87	128	89	96	124	136	126	123	109	83	100	71	98	65	25	29	34	25	15	20	36	19	19
Kildaire Farm Road and High Meadow Drive (SB)	26	27	25	30	25	50	50	24	37	33	53	41	36	22	31	28	33	43	57	32	21	34	13	13	10	10	25	27	59	58	51	0	18	22	0	0
High House Road and Prestonwood Drive (WB)	43	39	85	63	94	94	99	84	63	89	75	48	53	33	47	66	75	72	86	63	76	76	58	62	10	11	6	15	32	66	52	67	64	113	62	
NW Maynard Road and Chapel Hill Road (NB)	6	5	7	10	8	8	5	6	10	12	11	8	4	9	6	8	12	7	11	9	4	6	3	7	8	5	12	15	10	7	9	17	12	14	21	8
Maynard Road and Walnut Street (SB)	18	12	29	30	22	37	51	48	63	47	45	68	27	40	35	33	11	22	21	23	40	24	20	28	12	25	14	15	20	8	21	28	20	24	18	18
Tryon Road and Crescent Green Way (EB)	25	32	29	30	27	38	43	25	37	28	23	33	25	36	29	23	38	50	42	33	20	40	21	16	23	24	17	20	27	37	33	30	40	16	0	0
Tryon Road and Regency Parkway (WB)	13	16	19	39	28	69	55	36	40	25	10	11	31	43	36	77	75	90	69	82	74	53	67	35	44	29	25	48	31	114	0	30	58	42	52	34
Walnut Street and Dillard Drive (NB)	50	50	64	83	90	99	118	93	58	86	32	56	48	38	47	50	55	40	43	59	47	45	47	24	24	25	26	0	0	20	58	30	52	61	43	16
Maynard Road and Kildaire Farm Road (WB)	119	105	143	109	154	153	166	193	213	181	223	312	167	180	191	219	251	229	160	354	334	157	249	300	202	206	238	228	290	223	253	242	242	263	257	285
Kildaire Farm Road and Maynard Road (SB)	58	69	98	114	119	142	70	73	48	106	88	125	72	77	78	63	84	76	55	90	74	91	77	73	62	55	33	57	65	44	55	0	0	0	0	0
Cary Parkway and Kildaire Farm Road (WB)	105	45	97	127	109	100	96	77	84	80	135	71	62	74	71	82	129	113	59	92	74	71	34	69	184	134	210	213	201	220	202	147	106	230	217	168
Kildaire Farm Road and Cary Parkway (NB)	65	70	60	64	72	65	69	71	51	59	55	102	87	71	81	45	67	88	66	80	92	63	52	103	251	352	372	442	413	318	274	0	0	0	0	0
Cary Parkway and High House Road (NB)	204	221	255	257	262	236	165	171	173	335	154	205	126	81	152	116	139	211	154	30	32	24	23	42	58	60	88	75	55	55	51	62	67	77	84	66
Harrison Avenue and Maynard Road (SB)	21	17	17	23	20	25	25	25	27	25	25	16	16	13	20	19	17	15	20	19	20	17	7	20	19	16	19	21	19	21	20	20	16	21	18	49
Harrison Avenue and Weston Parkway (SB)	84	72	94	72	139	91	82	128	123	112	70	71	79	78	53	51	66	92	91	71	108	143	117	60	58	61	51	129	170	131	108	73	52	14	29	49
Walnut Street and Meeting Street (SB)	573	333	600	471	656	223	36	0	644	1036	1037	719	553	312	600	596	523	570	594	947	1032	824	1218	716	713	482	0	0	70	269	258	169	244	291	329	
Cary Parkway and High Meadow (WB)					15	196	170	116	136	129	135	102	97	154	94	37	98	118	96	126	125	121	82	91	89	79	94	94	67	87	95	86	83	98	78	91
	1485	1187	1704	1598	1959	1730	1468	1306	1305	2163	2300	2391	1742	1589	1411	1606	1842	1913	1736	1883	2211	2106	1795	2257	1893	1902	1782	1415	1471	1479	1590	1090	1022	1226	1240	1194

- Notes**
- The Y-axis is number of citations given that month.
 - On the graphs, hills are period of high citations. Hills lasting months indicate short yellows.
 - Hills are obvious problems. Hills indicate that Cary is playing around with the signals.
 - But valleys are also a problem. The valleys you see above, though they are valleys relative to the hills, are hilltops themselves.
 - In the Kildaire Farm and Cary Parkway (NB) graph, note that Cary turned off the camera on Aug 1, 2010.
 - Cary decreased the yellow at Kildaire Farm and Cary Parkway (NB) on January 2010 to 3.0s. By August, Cary realized they caused a problem.
 - Though the Cary turned off the red light camera at Kildaire Farm and Cary Parkway (NB), Cary did not increase the yellow duration to what it should be: 4.5 seconds.
 - Cary also convicted Lori Millette of running the red light at this intersection even when Cary knew their engineering was causing people to run red lights.
 - Some event happened at Walnut and Meeting PI the last half of March 2010. Cary turned off this camera here for two months.
 - By July 2010, Cary turned on the Walnut and Meeting PI camera. It is again flashing people at a rate of 280/month. 280/month is still 20x higher than intersections like Cary Town Blvd and Convention. The yellow must still be short.
 - The first graph, Cary Towne Blvd and Convention after April 2010, shows the number of citations a properly-timed yellow yields. At this intersection, it's 25 citations per month.
 - But is 25 citations per month *normal*? Is it possible that the 25 violations per month is yet another engineering defect?
 - Yes. It is not only possible, but it is true. The remaining citations are all caused by another engineering defect. The dilemma zone.
 - Engineers create a dilemma zone because they fail to paint a line at the safe braking distance from the intersection, as required by their standard (the ITE yellow light equation).
 - A yellow light means this: If the light turns yellow and you are farther from the intersection than the safe braking distance line, you must stop. If you are closer, then you must go.
 - By omitting the line, engineers force us to guess. Many of us in the zone will choose to go because we are not sure if we can stop or scared we'll get rear-ended.
 - Many choose to go, but the light will turn red just a fraction of a second before we enter the intersection. It's a given. How many of us can guess exactly where 194.5 ft is?
 - Engineers thus guarantee a steady stream of cars running red lights, though only by fractions of a second.
 - The red light camera companies exploit the dilemma zone. It is the embryonic fluid and sustenance behind every red light camera company.