

CBD RIDERSHIP ESTIMATE & SERVICE LEVELS

2009 LEHD DATA

March 15, 2011

DRAFT

	Ridership Potential			Warranted Bus Trips per Hour									Likely Daily		Current
	Min	Max	Avg	@ 30% in Peak Hour		@ 45 seats		Max	@ 40 seats		Max	Riders	Boardings	Boardings	
				Min	Max	Min	Max	Trips/Hr	Min	Max	Trips/Hr				
Garner lot	246	384	315	74	115	1.64	2.56	3.00	1.84	2.88	3.00	291	583	59	
Regency lot	202	350	276	60	105	1.34	2.33	3.00	1.51	2.62	3.00	255	510	92	
Cary lot	271	435	353	81	131	1.81	2.90	3.00	2.03	3.27	4.00	353	706	155 1/2 ridership	
Clayton lot	124	188	156	37	56	0.83	1.26	2.00	0.93	1.41	2.00	86	172		
Five County lot	35	54	45	10	16	0.23	0.36	1.00	0.26	0.41	1.00	14	29		
FV lot	100	172	136	30	52	0.67	1.15	2.00	0.75	1.29	2.00	75	150		
HS lot	121	215	168	36	65	0.80	1.43	2.00	0.90	1.61	2.00	92	185		
I-540 lot	116	162	139	35	49	0.77	1.08	2.00	0.87	1.22	2.00	77	153		
Knightdale lot	131	179	155	39	54	0.87	1.20	2.00	0.98	1.35	2.00	85	171	22	
New District Drive lot	149	195	172	45	59	1.00	1.30	2.00	1.12	1.46	2.00	95	189		
Rollesville lot	97	142	119	29	43	0.64	0.95	1.00	0.72	1.07	2.00	66	131		
RTP lot	38	53	46	11	16	0.25	0.36	1.00	0.28	0.40	1.00	15	30		
TTC lot	262	490	376	79	147	1.75	3.26	4.00	1.97	3.67	4.00	376	752		
Wake Forest lot	100	127	114	30	38	0.67	0.85	1.00	0.75	0.96	1.00	37	74	66	
Wake Tech lot	204	352	278	61	106	1.36	2.35	3.00	1.53	2.64	3.00	257	514	280 students only	
Wakefield lot	197	269	233	59	81	1.31	1.79	2.00	1.48	2.02	3.00	216	431		
Wendell lot	124	196	160	37	59	0.83	1.31	2.00	0.93	1.47	2.00	88	176	30.5 1/2 ridership	
Wendell Falls lot	141	206	173	42	62	0.94	1.37	2.00	1.05	1.55	2.00	95	191		
Zebulon lot	44	70	57	13	21	0.29	0.47	1.00	0.33	0.52	1.00	19	37	30.5 1/2 ridership	

Assumes 53-seat bus

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Likely elasticity effect	
From 4 trips/hour to 3 trips/hour	0.925
From 4 trips/hour to 2 trips/hour	0.55
From 4 trips/hour to 1 trip/hour	0.325