

EXHIBIT 8
QUEUEING RESULTS
2011 Existing, 2015 No Build, 2035 No Build

Intersection	Approach	Existing				2015 No Build				2035 No Build			
		AM Peak		PM Peak		AM Peak		PM Peak		AM Peak		PM Peak	
		Avg Queue	95% Queue	Avg Queue	95% Queue	Avg Queue	95% Queue	Avg Queue	95% Queue	Avg Queue	95% Queue	Avg Queue	95% Queue
East Hanover Ave & US 202 <i>Signalized</i>	EB	2,992	ESA	137	257	3,621	ESA	140	233	3,672	ESA	1,487	2,416
	WB*	222	336	1,413	2,343	329	499	1,813	2,327	438	712	1,879	2,379
	NB	1,255	2,055	274	451	1,648	2,061	689	1,334	1,752	2,140	1,520	1,824
	SB	1,000	2,560	273	437	1,939	ESA	1,826	2,510	2,859	ESA	1,845	2,583
East Hanover Ave & The American Rd <i>Signalized</i>	EB-L	40	81	32	69	50	94	32	75	47	88	20	58
	WB*	53	132	312	1,090	63	122	654	1,485	67	130	1,004	1,748
	SB	28	59	205	754	36	65	891	1,800	35	74	1,061	1,821
East Hanover Ave & Horse Hill Rd/MLK Ave <i>Signalized</i>	EB	295	495	242	363	158	260	133	227	134	229	145	248
	WB	360	555	351	554	165	271	236	314	163	264	234	338
	NB	387	755	82	147	480	910	88	164	377	715	89	167
	SB	59	117	119	208	91	198	867	1,811	89	169	1,891	2,682
East Hanover Ave & Ridgedale Ave <i>Signalized</i>	EB	590	903	276	409	405	481	407	424	408	474	407	425
	WB	207	306	298	440	765	1,433	1,932	2,892	1,543	2,422	2,508	3,114
	NB	194	292	232	451	627	1,019	833	1,161	876	1,171	906	1,231
	SB	292	591	652	1,269	575	1,087	1,195	1,531	701	1,316	1,221	1,480
East Hanover Ave & Library Driveway <i>Signalized</i>	EB**	534	1,439	78	152	786	1,739	98	181	836	2,033	556	1,089
	WB	9	49	111	209	9	39	325	1,221	7	40	1,318	2,750
	SB	5	22	27	60	7	27	35	71	5	23	51	106
East Hanover Ave & Whippany Rd <i>Signalized</i>	EB**	1,684	2,410	425	715	1,707	2,392	393	617	1,726	2,378	407	616
	NB	45	87	127	212	61	112	140	233	69	113	183	291
	SB	123	199	78	142	132	263	128	300	198	390	538	1,421
East Hanover Ave & Big Box Driveway <i>Signalized</i>	EB					39	133	441	944	104	261	628	1,258
	WB					37	100	75	134	48	116	73	138
	SB					14	41	34	94	16	43	39	92

Approach queues represent the highest queue of all the movements for that approach.

Source: SimTraffic

ESA - Exceeds Study Area (>4,000) Adjacent intersections that are not included in the study area may affect arrivals and queuing.

* WB PM Queue from Speedwell Ave intersection extends past The American Road

** EB AM Queue from Whippany Road intersection extends past Library Driveway