

EXHIBIT 16
QUEUEING RESULTS
2035 Alternative Scenarios

Intersection	Approach	Alternative 1				Alternative 2				Alternative 3			
		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	3,679	ESA	1,309	2,512	3,538	ESA	1,442	2,343	959	2,094	240	737
	WB	558	916	1,409	2,474	494	834	1,823	2,265	306	409	663	1,314
	NB	1,777	1,796	1,568	1,747	1,604	2,117	1,350	2,019	240	425	680	1,475
	SB	2,881	3,214	1,770	2,530	1,067	1,995	1,828	2,337	477	943	1,212	1,717
East Hanover Ave & The American Rd <i>Signalized</i>	EB-L	46	79	21	49	78	295	27	58	59	116	44	110
	WB	73	142	204	455	40	95	953	1,750	45	116	176	266
	SB	40	71	155	155	50	85	134	215	53	100	170	275
East Hanover Ave & Horse Hill Rd/MLK Ave <i>Signalized</i>	EB	257	316	188	283	174	256	176	312	268	317	174	310
	WB	191	245	252	321	219	305	317	333	162	221	198	273
	NB	1,274	2,106	107	210	638	1,304	124	213	966	1,751	155	250
	SB	1,467	3,093	720	1,100	60	108	130	234	51	131	125	218
East Hanover Ave & Ridgedale Ave <i>Signalized</i>	EB	420	421	408	415	372	482	212	331	391	494	190	293
	WB	1,591	2,662	2,547	3,126	120	197	1,633	2,237	90	155	936	1,552
	NB	747	945	906	1,097	904	1,158	904	1,195	278	556	224	353
	SB	878	1,221	460	798	130	202	250	842	104	214	345	425
East Hanover Ave & Library Driveway <i>Signalized</i>	EB	4	23	98	218	770	1,806	180	305	33	132	92	196
	WB	1	9	1,515	2,883	2	18	81	152	2	13	96	189
	SB	8	30	122	198	8	29	43	74	7	28	50	90
East Hanover Ave & Whippany Rd <i>Signalized</i>	EB	189	331	137	297	1,803	2,178	212	386	313	415	197	373
	NB	63	113	492	1,155	76	128	300	613	84	127	86	228
	SB	113	184	681	1,537	146	271	126	237	143	317	98	158
East Hanover Ave & Big Box Driveway <i>Signalized</i>	EB	1,207	1,400	735	1,499	25	56	54	136	199	275	44	131
	WB	36	64	53	105	48	112	60	131	89	117	54	122
	SB	158	315	171	341	14	39	26	67	13	38	19	44

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.