

EXHIBIT 13  
 2015 Alternative Scenarios  
 CAPACITY ANALYSIS RESULTS

Intersection	LANE GROUP	Alternative 1						Alternative 2						Alternative 3					
		AM Peak			PM Peak			AM Peak			PM Peak			AM Peak			PM Peak		
		V/C Ratio	Delay	Level of Service	V/C Ratio	Delay	Level of Service	V/C Ratio	Delay	Level of Service	V/C Ratio	Delay	Level of Service	V/C Ratio	Delay	Level of Service	V/C Ratio	Delay	Level of Service
East Hanover Ave & US 202 <i>Signalized*</i>	EB-L	0.85	200.9	F	0.58	23.0	C	0.56	65.3	E	0.60	26.9	C	0.51	19.3	B	0.61	25.4	C
	EB-TR	1.04	92.8	F	0.48	25.0	C	0.90	93.0	F	0.45	26.4	C	0.81	32.7	C	0.39	22.6	C
	WB-L	0.55	77.2	E	0.50	89.9	F	0.52	75.0	E	0.51	8.9	A	0.60	27.6	C	0.46	7.2	A
	WB-TR	0.69	39.4	D	1.05	135.0	F												
	WB-T							0.44	21.6	C	0.83	120.7	F	0.46	16.3	B	0.68	11.1	B
	WB-R							0.31	8.0	A	0.42	78.1	E	0.32	5.4	A	0.35	1.7	A
	NB-L	0.20	37.5	D	0.76	53.1	D	0.28	34.3	C	0.86	157.5	F	0.23	17.8	B	0.68	31.4	C
	NB-TR	0.99	131.4	F	0.97	114.8	F							0.57	26.6	C	0.62	32.4	C
	NB-T							0.73	82.8	F	0.84	81.8	F						
	NB-R							0.49	41.4	D	0.22	43.1	D						
	SB-L	0.95	188.6	F	0.88	301.8	F	0.92	139.7	F	0.77	135.3	F	0.75	46.8	D	0.83	65.7	E
	SB-TR	0.61	41.0	D	0.82	75.4	E	0.68	43.0	D	0.85	94.3	F						
	SB-T													0.55	26.3	C	0.73	42.1	D
	SB-R													0.21	23.1	C	0.54	38.5	D
Intersection	-	96.0	F	-	109.1	F	-	71.3	E	-	95.7	F	-	27.8	C	-	25.1	C	
East Hanover Ave & The American Rd <i>Signalized</i>	EB-L	0.40	5.3	A	0.32	7.2	A	0.44	3.9	A	0.32	4.9	A	0.38	3.4	A	0.32	7.9	A
	EB-T	0.48	0.5	A	0.24	0.2	A	0.47	0.5	A	0.24	0.1	A	0.48	0.3	A	0.24	0.2	A
	WB-T	0.56	13.8	B	0.74	17.7	B	0.44	15.8	B	0.61	4.2	A	0.34	4.4	A	0.61	5.5	A
	WB-R	0.18	0.3	A	0.06	0.1	A	0.18	0.3	A	0.06	0.1	A	0.18	0.2	A	0.06	0.1	A
	SB-L	0.20	19.7	B	0.57	34.5	C	0.15	27.3	C	0.65	46.1	D	0.27	43.5	D	0.65	46.1	D
	SB-R	0.03	0.0	A	0.14	0.2	A	0.03	0.0	A	0.14	0.2	A	0.03	0.0	A	0.14	0.2	A
	Intersection	-	4.6	A	-	11.6	B	-	5.2	A	-	6.1	A	-	2.5	A	-	6.8	A
	EB-L	0.65	15.4	B	0.88	52.8	D	0.67	18.2	B	0.81	38.1	D	0.63	12.1	B	0.68	19.9	B
	EB-TR	0.75	21.6	C	0.56	21.5	C	0.75	23.7	C	0.90	13.9	B	0.72	12.4	B	0.47	12.5	B
	WB-L	0.28	18.2	B	0.43	11.2	B	0.31	14.3	B	0.36	6.2	A	0.30	13.5	B	0.37	6.9	A
WB-TR	0.56	13.9	B	0.91	21.4	C	0.58	22.3	C	0.79	13.5	B	0.37	12.8	B	0.56	8.3	A	
NB-L	0.48	26.8	C	0.33	22.3	C	0.41	26.2	C	0.28	26.5	C	0.43	28.0	C	0.29	26.5	C	
NB-TR	0.65	29.9	C	0.31	19.7	B	0.80	47.6	D	0.60	39.6	D	0.80	46.8	D	0.62	40.9	D	
SB-LT	0.60	43.4	D	0.92	62.3	E													
SB-L							0.27	23.4	C	0.59	34.8	C	0.31	25.3	C	0.56	33.2	C	
SB-T							0.19	30.6	C	0.57	42.0	D	0.18	30.0	C	0.52	38.7	D	
SB-R	0.45	8.5	A	0.42	7.4	A	0.40	7.6	A	0.51	8.4	A	0.40	7.3	A	0.49	7.5	A	
Intersection	-	20.3	C	-	26.5	C	-	24.5	C	-	19.2	B	-	17.1	B	-	15.3	B	
East Hanover Ave & Monroe St <i>Unsignalized</i>	EB-T	0.56	0.0	A	0.36	0.0	A	0.56	0.0	A	0.36	0.0	A	0.56	0.0	A	0.36	0.0	A
	EB-R	0.28	0.0	A	0.18	0.0	A	0.28	0.0	A	0.18	0.0	A	0.28	0.0	A	0.18	0.0	A
	WB-L	0.05	1.7	A	0.13	3.2	A	0.05	1.7	A	0.13	3.2	A	0.05	1.7	A	0.13	3.2	A
	WB-T	0.38	0.0	A	0.58	0.0	A	0.38	0.0	A	0.58	0.0	A	0.38	0.0	A	0.58	0.0	A
	NB	0.23	13.9	B	0.12	11.8	B	0.24	14.5	B	0.12	11.8	B	0.24	14.3	B	0.11	11.3	B
	Intersection	-	0.9	A	-	1.1	A	-	0.9	A	-	1.1	A	-	0.9	A	-	1.1	A
	EB-LTR	1.22	127.9	F	1.08	83.2	F												
EB-L							0.20	4.2	A	0.58	27.1	C	0.20	5.2	A	0.64	32.8	C	
EB-TR							0.97	30.9	C	0.59	22.0	C	0.91	23.1	C	0.56	17.9	B	
WB-LT	1.36	206.4	F	1.17	119.6	F													
WB-L							0.47	19.7	B	0.55	15.2	B	0.57	25.3	C	0.51	13.3	B	
WB-TR							0.39	16.6	B	0.88	30.2	C							
WB-T													0.35	14.6	B	0.80	24.7	C	
WB-R	0.03	0.0	A	0.07	0.1	A							0.35	14.6	B	0.80	24.7	C	
NB-L	1.05	89.2	F	1.47	258.5	F	0.97	70.2	E	0.85	44.5	D	0.78	53.9	D	0.71	50.2	D	
NB-TR	0.48	28.2	C	0.68	37.2	D	0.54	34.9	C	0.71	39.4	D	0.62	39.0	D	0.76	42.1	D	
SB-L	0.41	22.6	C	0.86	58.5	E	0.43	27.5	C	0.60	27.7	C	0.41	26.4	C	0.66	32.3	C	
SB-TR							0.62	40.0	D	0.80	43.2	D							
SB-T	0.67	42.2	D	0.80	50.2	D							0.51	43.2	D	0.57	41.4	D	
SB-R	0.22	8.1	A	0.36	6.7	A							0.05	0.1	A	0.12	0.2	A	
Intersection	-	113.5	F	-	92.5	F	-	32.3	C	-	31.6	C	-	27.0	C	-	28.2	C	
East Hanover Ave & Library Driveway <i>Signalized</i>	EB-LT	0.47	2.0	A	0.42	0.9	A	0.47	0.5	A	0.42	1.5	A	0.47	0.8	A	0.42	1.7	A
	WB-TR	0.22	0.6	A	0.47	2.9	A	0.22	0.6	A	0.47	2.4	A	0.22	0.6	A	0.47	2.4	A
	SB-L	0.01	37.0	D	0.28	44.3	D	0.01	42.0	D	0.28	44.3	D	0.01	42.0	D	0.28	44.3	D
	SB-R	0.04	23.8	C	0.38	18.8	B	0.03	26.2	C	0.38	18.8	B	0.03	26.2	C	0.38	18.8	B
	Intersection	-	1.6	A	-	3.5	A	-	0.6	A	-	3.5	A	-	0.8	A	-	3.5	A
East Hanover Ave & Whippy Rd <i>Signalized</i>	EB-LTR												0.76	6.1	A	0.49	8.6	A	
	EB-L	0.53	6.9	A	0.29	6.5	A	0.45	3.2	A	0.26	6.2	A						
	EB-TR	1.09	69.3	F	0.71	12.4	B	0.91	17.7	B	0.64	12.4	B						
	NB-L	0.16	18.9	B	0.57	26.3	C	0.23	28.3	C	0.65	32.3	C	0.21	25.0	C	0.61	29.4	C
	NB-T	0.34	31.7	C	0.37	34.6	C	0.62	49.0	D	0.51	40.6	D	0.52	43.4	D	0.51	40.6	D
	NB-R	0.09	29.5	C	0.09	32.1	C	0.16	42.0	D	0.13	35.2	D	0.14	38.2	D	0.13	35.2	D
	SB-L	0.48	23.2	C	0.53	274.8	F	0.63	37.2	D	0.61	30.6	C	0.57	31.5	C	0.57	28.1	C
	SB-T	0.35	27.4	C	0.39	33.4	C	0.50	38.7	D	0.57	41.8	D	0.43	34.6	C	0.57	41.8	D
	SB-R	0.45	0.9	A	0.70	2.6	A	0.45	0.9	A	0.70	2.6	A	0.45	0.9	A	0.70	2.6	A
	Intersection	-	31.8	C	-	15.0	B	-	18.3	B	-	17.4	B	-	13.6	B	-	16.4	B
	EB-L	0.07	2.5	A	0.11	2.4	A	0.07	0.7	A	0.11	2.1	A	0.07	0.7	A	0.11	3.4	A
EB-T	0.46	3.6	A	0.30	2.9	A	0.46	0.8	A	0.30	2.2	A	0.46	0.9	A	0.30	4.2	A	
WB-TR	0.35	0.9	A	0.54	1.8	A	0.34	2.3	A	0.50	3.3	A	0.34	3.6	A	0.55	1.4	A	
SB-L	0.08	37.1	D	0.13	43.1	D	0.09	42.3	D	0.13	43.1	D	0.09	42.3	D	0.13	43.1	D	
SB-R	0.05	20.2	C	0.17	16.9	B	0.06	22.4	C	0.17	16.9	B	0.06	22.4	C	0.17	16.9	B	
Intersection	-	2.8	A	-	2.8	A	-	1.7	A	-	3.4	A	-	2.3	A	-	3.0	A	

v/c ratio = volume/capacity ratio  
 \*Intersection results obtained from Sim Traffic for Alts 1 and 2 due to intersection being over saturated.