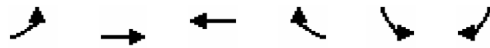


HCM 7th Signalized Intersection Capacity Analysis  
 14: Little Britain Road (NY-207) & Old Little Britain Road

2023 No Build - NYSDOT Signal Design  
 Peak AM Hour



Movement	EBL	EBT	WBT	WBR	SBL	SBR			
Lane Configurations									
Traffic Volume (veh/h)	149	213	256	83	55	145			
Future Volume (veh/h)	149	213	256	83	55	145			
Number	7	4	8	18	1	16			
Initial Q, veh	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj (A_pbT)	1.00			1.00	1.00	1.00			
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No	No		No				
Lanes Open During Work Zone									
Adj Sat Flow, veh/h/ln	1826	1722	1826	1841	1811	1841			
Adj Flow Rate, veh/h	175	251	301	98	65	171			
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85			
Percent Heavy Veh, %	5	12	5	4	6	4			
Opposing Right Turn Influence	Yes				Yes				
Cap, veh/h	653	1021	782	255	274	248			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00			
Prop Arrive On Green	0.59	0.59	0.59	0.59	0.16	0.16			
Unsig. Movement Delay									
Ln Grp Delay, s/veh	7.2	4.1	0.0	5.0	13.8	17.8			
Ln Grp LOS	A	A		A	B	B			
Approach Vol, veh/h		426	399		236				
Approach Delay, s/veh		5.4	5.0		16.7				
Approach LOS		A	A		B				
Timer:		1	2	3	4	5	6	7	8
Assigned Phs		6			4				8
Case No		9.0			6.0				8.0
Phs Duration (G+Y+Rc), s		10.3			26.0				26.0
Change Period (Y+Rc), s		4.5			4.5				4.5
Max Green (Gmax), s		19.5			21.5				21.5
Max Allow Headway (MAH), s		4.0			4.9				5.0
Max Q Clear (g_c+I1), s		5.8			10.6				6.4
Green Ext Time (g_e), s		0.6			1.6				1.9
Prob of Phs Call (p_c)		0.91			1.00				1.00
Prob of Max Out (p_x)		0.00			0.00				0.00
<b>Left-Turn Movement Data</b>									
Assigned Mvmt		1			7				3
Mvmt Sat Flow, veh/h		1725			962				0
<b>Through Movement Data</b>									
Assigned Mvmt		6			4				8
Mvmt Sat Flow, veh/h		0			1722				1319
<b>Right-Turn Movement Data</b>									
Assigned Mvmt		16			14				18
Mvmt Sat Flow, veh/h		1560			0				429
<b>Left Lane Group Data</b>									
Assigned Mvmt		1	0	0	7	0	0	0	3

HCM 7th Signalized Intersection Capacity Analysis      2023 No Build - NYSDOT Signal Design  
 14: Little Britain Road (NY-207) & Old Little Britain Road      Peak AM Hour

Lane Assignment	L			L				
Lanes in Grp	1	0	0	1	0	0	0	0
Grp Vol (v), veh/h	65	0	0	175	0	0	0	0
Grp Sat Flow (s), veh/h/ln	1725	0	0	962	0	0	0	0
Q Serve Time (g_s), s	1.2	0.0	0.0	4.3	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	1.2	0.0	0.0	8.6	0.0	0.0	0.0	0.0
Perm LT Sat Flow (s_l), veh/h/ln	1725	0	0	962	0	0	0	0
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	0.0	0.0	21.5	0.0	0.0	0.0	0.0
Perm LT Serve Time (g_u), s	0.0	0.0	0.0	17.1	0.0	0.0	0.0	0.0
Perm LT Q Serve Time (g_ps), s	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Lane Grp Cap (c), veh/h	274	0	0	653	0	0	0	0
V/C Ratio (X)	0.24	0.00	0.00	0.27	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	927	0	0	653	0	0	0	0
Upstream Filter (I)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	13.3	0.0	0.0	6.2	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	13.8	0.0	0.0	7.2	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0
2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.07	0.00	0.00	0.10	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Middle Lane Group Data</b>								
Assigned Mvmt	6	0	0	4	0	0	0	8
Lane Assignment	T							
Lanes in Grp	0	0	0	1	0	0	0	0
Grp Vol (v), veh/h	0	0	0	251	0	0	0	0
Grp Sat Flow (s), veh/h/ln	0	0	0	1722	0	0	0	0
Q Serve Time (g_s), s	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0
Lane Grp Cap (c), veh/h	0	0	0	1021	0	0	0	0
V/C Ratio (X)	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	0	0	0	1021	0	0	0	0
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0

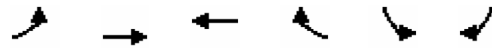
HCM 7th Signalized Intersection Capacity Analysis      2023 No Build - NYSDOT Signal Design  
 14: Little Britain Road (NY-207) & Old Little Britain Road      Peak AM Hour

2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Right Lane Group Data</b>								
Assigned Mvmt	16	0	0	14	0	0	0	18
Lane Assignment	R							T+R
Lanes in Grp	1	0	0	0	0	0	0	1
Grp Vol (v), veh/h	171	0	0	0	0	0	0	399
Grp Sat Flow (s), veh/h/ln	1560	0	0	0	0	0	0	1749
Q Serve Time (g_s), s	3.8	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Cycle Q Clear Time (g_c), s	3.8	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
Lane Grp Cap (c), veh/h	248	0	0	0	0	0	0	1037
V/C Ratio (X)	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.38
Avail Cap (c_a), veh/h	839	0	0	0	0	0	0	1037
Upstream Filter (I)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	14.4	0.0	0.0	0.0	0.0	0.0	0.0	3.9
Incr Delay (d2), s/veh	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	17.8	0.0	0.0	0.0	0.0	0.0	0.0	5.0
1st-Term Q (Q1), veh/ln	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3
2nd-Term Q (Q2), veh/ln	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6
%ile Storage Ratio (RQ%)	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Intersection Summary</b>								
HCM 7th Control Delay, s/veh	7.7							
HCM 7th LOS	A							

HCM 7th Signalized Intersection Capacity Analysis      2023 No Build - NYSDOT Signal Design  
 14: Little Britain Road (NY-207) & Old Little Britain Road      Peak PM Hour



Movement	EBL	EBT	WBT	WBR	SBL	SBR			
Lane Configurations	↖	↑	↗		↙	↘			
Traffic Volume (veh/h)	345	265	205	139	147	218			
Future Volume (veh/h)	345	265	205	139	147	218			
Number	7	4	8	18	1	16			
Initial Q, veh	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj (A_pbT)	1.00			1.00	1.00	1.00			
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No	No		No				
Lanes Open During Work Zone									
Adj Sat Flow, veh/h/ln	1870	1870	1841	1870	1885	1856			
Adj Flow Rate, veh/h	367	282	218	148	156	232			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	4	2	1	3			
Opposing Right Turn Influence	Yes				Yes				
Cap, veh/h	646	1095	599	406	373	327			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00			
Prop Arrive On Green	0.59	0.59	0.59	0.59	0.21	0.21			
Unsig. Movement Delay									
Ln Grp Delay, s/veh	13.1	5.0	0.0	5.8	15.7	18.9			
Ln Grp LOS	B	A		A	B	B			
Approach Vol, veh/h		649	366		388				
Approach Delay, s/veh		9.5	5.8		17.6				
Approach LOS		A	A		B				
Timer:		1	2	3	4	5	6	7	8
Assigned Phs		6			4				8
Case No		9.0			6.0				8.0
Phs Duration (G+Y+Rc), s		13.5			30.0				30.0
Change Period (Y+Rc), s		4.5			4.5				4.5
Max Green (Gmax), s		25.5			25.5				25.5
Max Allow Headway (MAH), s		4.0			4.8				5.0
Max Q Clear (g_c+I1), s		8.0			19.9				6.9
Green Ext Time (g_e), s		1.2			1.7				1.9
Prob of Phs Call (p_c)		0.99			1.00				1.00
Prob of Max Out (p_x)		0.00			0.00				0.00
<b>Left-Turn Movement Data</b>									
Assigned Mvmt		1			7				3
Mvmt Sat Flow, veh/h		1795			1016				0
<b>Through Movement Data</b>									
Assigned Mvmt		6			4				8
Mvmt Sat Flow, veh/h		0			1870				1022
<b>Right-Turn Movement Data</b>									
Assigned Mvmt		16			14				18
Mvmt Sat Flow, veh/h		1572			0				694
<b>Left Lane Group Data</b>									
Assigned Mvmt		1	0	0	7	0	0	0	3

HCM 7th Signalized Intersection Capacity Analysis      2023 No Build - NYSDOT Signal Design  
 14: Little Britain Road (NY-207) & Old Little Britain Road      Peak PM Hour

Lane Assignment	L			L				
Lanes in Grp	1	0	0	1	0	0	0	0
Grp Vol (v), veh/h	156	0	0	367	0	0	0	0
Grp Sat Flow (s), veh/h/ln	1795	0	0	1016	0	0	0	0
Q Serve Time (g_s), s	3.3	0.0	0.0	13.0	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	3.3	0.0	0.0	17.9	0.0	0.0	0.0	0.0
Perm LT Sat Flow (s_l), veh/h/ln	1795	0	0	1016	0	0	0	0
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	0.0	0.0	25.5	0.0	0.0	0.0	0.0
Perm LT Serve Time (g_u), s	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0
Perm LT Q Serve Time (g_ps), s	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Lane Grp Cap (c), veh/h	373	0	0	646	0	0	0	0
V/C Ratio (X)	0.42	0.00	0.00	0.57	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	1051	0	0	646	0	0	0	0
Upstream Filter (I)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	15.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.7	0.0	0.0	3.6	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	15.7	0.0	0.0	13.1	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	1.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0
2nd-Term Q (Q2), veh/ln	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	1.2	0.0	0.0	2.3	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.20	0.00	0.00	0.38	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Middle Lane Group Data**

Assigned Mvmt	6	0	0	4	0	0	0	8
Lane Assignment	T							
Lanes in Grp	0	0	0	1	0	0	0	0
Grp Vol (v), veh/h	0	0	0	282	0	0	0	0
Grp Sat Flow (s), veh/h/ln	0	0	0	1870	0	0	0	0
Q Serve Time (g_s), s	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
Lane Grp Cap (c), veh/h	0	0	0	1095	0	0	0	0
V/C Ratio (X)	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	0	0	0	1095	0	0	0	0
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0

HCM 7th Signalized Intersection Capacity Analysis      2023 No Build - NYSDOT Signal Design  
 14: Little Britain Road (NY-207) & Old Little Britain Road      Peak PM Hour

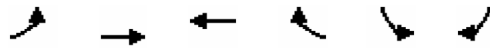
2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Right Lane Group Data</b>								
Assigned Mvmt	16	0	0	14	0	0	0	18
Lane Assignment	R							T+R
Lanes in Grp	1	0	0	0	0	0	0	1
Grp Vol (v), veh/h	232	0	0	0	0	0	0	366
Grp Sat Flow (s), veh/h/ln	1572	0	0	0	0	0	0	1716
Q Serve Time (g_s), s	6.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
Cycle Q Clear Time (g_c), s	6.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop RT Outside Lane (P_R)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
Lane Grp Cap (c), veh/h	327	0	0	0	0	0	0	1005
V/C Ratio (X)	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.36
Avail Cap (c_a), veh/h	921	0	0	0	0	0	0	1005
Upstream Filter (I)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Uniform Delay (d1), s/veh	16.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
Incr Delay (d2), s/veh	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	18.9	0.0	0.0	0.0	0.0	0.0	0.0	5.8
1st-Term Q (Q1), veh/ln	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7
2nd-Term Q (Q2), veh/ln	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	2.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0
%ile Storage Ratio (RQ%)	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.08
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<b>Intersection Summary</b>	
HCM 7th Control Delay, s/veh	10.8
HCM 7th LOS	B

HCM 7th Signalized Intersection Capacity Analysis  
 14: Little Britain Road (NY-207) & Old Little Britain Road

2023 Build - NYSDOT Signal Design  
 Peak AM Hour



Movement	EBL	EBT	WBT	WBR	SBL	SBR			
Lane Configurations									
Traffic Volume (veh/h)	149	216	265	93	63	145			
Future Volume (veh/h)	149	216	265	93	63	145			
Number	7	4	8	18	1	16			
Initial Q, veh	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj (A_pbT)	1.00			1.00	1.00	1.00			
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No	No		No				
Lanes Open During Work Zone									
Adj Sat Flow, veh/h/ln	1826	1722	1826	1841	1811	1841			
Adj Flow Rate, veh/h	175	254	312	109	74	171			
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85			
Percent Heavy Veh, %	5	12	5	4	6	4			
Opposing Right Turn Influence	Yes				Yes				
Cap, veh/h	633	1019	765	267	277	251			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00			
Prop Arrive On Green	0.59	0.59	0.59	0.59	0.16	0.16			
Unsig. Movement Delay									
Ln Grp Delay, s/veh	7.5	4.1	0.0	5.2	13.9	17.6			
Ln Grp LOS	A	A		A	B	B			
Approach Vol, veh/h		429	421		245				
Approach Delay, s/veh		5.5	5.2		16.5				
Approach LOS		A	A		B				
Timer:		1	2	3	4	5	6	7	8
Assigned Phs		6			4				8
Case No		9.0			6.0				8.0
Phs Duration (G+Y+Rc), s		10.3			26.0				26.0
Change Period (Y+Rc), s		4.5			4.5				4.5
Max Green (Gmax), s		19.5			21.5				21.5
Max Allow Headway (MAH), s		4.0			4.9				5.0
Max Q Clear (g_c+I1), s		5.8			11.2				6.7
Green Ext Time (g_e), s		0.6			1.6				2.1
Prob of Phs Call (p_c)		0.92			1.00				1.00
Prob of Max Out (p_x)		0.00			0.00				0.00
<b>Left-Turn Movement Data</b>									
Assigned Mvmt		1			7				3
Mvmt Sat Flow, veh/h		1725			943				0
<b>Through Movement Data</b>									
Assigned Mvmt		6			4				8
Mvmt Sat Flow, veh/h		0			1722				1293
<b>Right-Turn Movement Data</b>									
Assigned Mvmt		16			14				18
Mvmt Sat Flow, veh/h		1560			0				452
<b>Left Lane Group Data</b>									
Assigned Mvmt		1	0	0	7	0	0	0	3

HCM 7th Signalized Intersection Capacity Analysis  
 14: Little Britain Road (NY-207) & Old Little Britain Road

2023 Build - NYSDOT Signal Design  
 Peak AM Hour

Lane Assignment	L			L				
Lanes in Grp	1	0	0	1	0	0	0	0
Grp Vol (v), veh/h	74	0	0	175	0	0	0	0
Grp Sat Flow (s), veh/h/ln	1725	0	0	943	0	0	0	0
Q Serve Time (g_s), s	1.4	0.0	0.0	4.5	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	1.4	0.0	0.0	9.2	0.0	0.0	0.0	0.0
Perm LT Sat Flow (s_l), veh/h/ln	1725	0	0	943	0	0	0	0
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	0.0	0.0	21.5	0.0	0.0	0.0	0.0
Perm LT Serve Time (g_u), s	0.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0
Perm LT Q Serve Time (g_ps), s	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Lane Grp Cap (c), veh/h	277	0	0	633	0	0	0	0
V/C Ratio (X)	0.27	0.00	0.00	0.28	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	925	0	0	633	0	0	0	0
Upstream Filter (I)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	13.4	0.0	0.0	6.5	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	13.9	0.0	0.0	7.5	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0
2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.5	0.0	0.0	0.6	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.08	0.00	0.00	0.10	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Middle Lane Group Data</b>								
Assigned Mvmt	6	0	0	4	0	0	0	8
Lane Assignment	T							
Lanes in Grp	0	0	0	1	0	0	0	0
Grp Vol (v), veh/h	0	0	0	254	0	0	0	0
Grp Sat Flow (s), veh/h/ln	0	0	0	1722	0	0	0	0
Q Serve Time (g_s), s	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0
Lane Grp Cap (c), veh/h	0	0	0	1019	0	0	0	0
V/C Ratio (X)	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	0	0	0	1019	0	0	0	0
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0

HCM 7th Signalized Intersection Capacity Analysis  
 14: Little Britain Road (NY-207) & Old Little Britain Road

2023 Build - NYSDOT Signal Design  
 Peak AM Hour

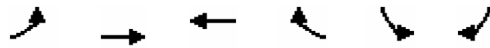
2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data									
Assigned Mvmt	16	0	0	14	0	0	0	18	
Lane Assignment	R							T+R	
Lanes in Grp	1	0	0	0	0	0	0	1	
Grp Vol (v), veh/h	171	0	0	0	0	0	0	421	
Grp Sat Flow (s), veh/h/ln	1560	0	0	0	0	0	0	1745	
Q Serve Time (g_s), s	3.8	0.0	0.0	0.0	0.0	0.0	0.0	4.7	
Cycle Q Clear Time (g_c), s	3.8	0.0	0.0	0.0	0.0	0.0	0.0	4.7	
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Prop RT Outside Lane (P_R)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	
Lane Grp Cap (c), veh/h	251	0	0	0	0	0	0	1032	
V/C Ratio (X)	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.41	
Avail Cap (c_a), veh/h	837	0	0	0	0	0	0	1032	
Upstream Filter (I)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	
Uniform Delay (d1), s/veh	14.4	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
Incr Delay (d2), s/veh	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Control Delay (d), s/veh	17.6	0.0	0.0	0.0	0.0	0.0	0.0	5.2	
1st-Term Q (Q1), veh/ln	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
2nd-Term Q (Q2), veh/ln	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	
%ile Back of Q (50%), veh/ln	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
%ile Storage Ratio (RQ%)	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.05	
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0	
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Intersection Summary	
HCM 7th Control Delay, s/veh	7.9
HCM 7th LOS	A

HCM 7th Signalized Intersection Capacity Analysis  
 14: Little Britain Road (NY-207) & Old Little Britain Road

2023 Build - NYSDOT Signal Design  
 Peak PM Hour



Movement	EBL	EBT	WBT	WBR	SBL	SBR			
Lane Configurations	↶	↷	↶		↶	↷			
Traffic Volume (veh/h)	345	273	210	145	171	218			
Future Volume (veh/h)	345	273	210	145	171	218			
Number	7	4	8	18	1	16			
Initial Q, veh	0	0	0	0	0	0			
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00			
Ped-Bike Adj (A_pbT)	1.00			1.00	1.00	1.00			
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00			
Work Zone On Approach		No	No		No				
Lanes Open During Work Zone									
Adj Sat Flow, veh/h/ln	1870	1870	1841	1870	1885	1856			
Adj Flow Rate, veh/h	367	290	223	154	182	232			
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94			
Percent Heavy Veh, %	2	2	4	2	1	3			
Opposing Right Turn Influence	Yes				Yes				
Cap, veh/h	635	1093	593	409	376	330			
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00			
Prop Arrive On Green	0.58	0.58	0.58	0.58	0.21	0.21			
Unsig. Movement Delay									
Ln Grp Delay, s/veh	13.6	5.1	0.0	5.9	16.1	18.7			
Ln Grp LOS	B	A		A	B	B			
Approach Vol, veh/h		657	377		414				
Approach Delay, s/veh		9.8	5.9		17.6				
Approach LOS		A	A		B				
Timer:		1	2	3	4	5	6	7	8
Assigned Phs		6			4				8
Case No		9.0			6.0				8.0
Phs Duration (G+Y+Rc), s		13.6			30.0				30.0
Change Period (Y+Rc), s		4.5			4.5				4.5
Max Green (Gmax), s		25.5			25.5				25.5
Max Allow Headway (MAH), s		3.9			4.8				5.0
Max Q Clear (g_c+I1), s		8.0			20.5				7.1
Green Ext Time (g_e), s		1.2			1.6				2.0
Prob of Phs Call (p_c)		0.99			1.00				1.00
Prob of Max Out (p_x)		0.00			0.00				0.00
<b>Left-Turn Movement Data</b>									
Assigned Mvmt		1			7				3
Mvmt Sat Flow, veh/h		1795			1006				0
<b>Through Movement Data</b>									
Assigned Mvmt		6			4				8
Mvmt Sat Flow, veh/h		0			1870				1014
<b>Right-Turn Movement Data</b>									
Assigned Mvmt		16			14				18
Mvmt Sat Flow, veh/h		1572			0				700
<b>Left Lane Group Data</b>									
Assigned Mvmt		1	0	0	7	0	0	0	3

HCM 7th Signalized Intersection Capacity Analysis  
 14: Little Britain Road (NY-207) & Old Little Britain Road

2023 Build - NYSDOT Signal Design  
 Peak PM Hour

Lane Assignment	L			L				
Lanes in Grp	1	0	0	1	0	0	0	0
Grp Vol (v), veh/h	182	0	0	367	0	0	0	0
Grp Sat Flow (s), veh/h/ln	1795	0	0	1006	0	0	0	0
Q Serve Time (g_s), s	3.9	0.0	0.0	13.4	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	3.9	0.0	0.0	18.5	0.0	0.0	0.0	0.0
Perm LT Sat Flow (s_l), veh/h/ln	1795	0	0	1006	0	0	0	0
Shared LT Sat Flow (s_sh), veh/h/ln	0	0	0	0	0	0	0	0
Perm LT Eff Green (g_p), s	0.0	0.0	0.0	25.5	0.0	0.0	0.0	0.0
Perm LT Serve Time (g_u), s	0.0	0.0	0.0	20.4	0.0	0.0	0.0	0.0
Perm LT Q Serve Time (g_ps), s	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0
Time to First Blk (g_f), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5
Serve Time pre Blk (g_fs), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prop LT Inside Lane (P_L)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Lane Grp Cap (c), veh/h	376	0	0	635	0	0	0	0
V/C Ratio (X)	0.48	0.00	0.00	0.58	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	1049	0	0	635	0	0	0	0
Upstream Filter (I)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	15.2	0.0	0.0	9.8	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	1.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	16.1	0.0	0.0	13.6	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	1.4	0.0	0.0	1.7	0.0	0.0	0.0	0.0
2nd-Term Q (Q2), veh/ln	0.1	0.0	0.0	0.7	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	1.5	0.0	0.0	2.3	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.24	0.00	0.00	0.40	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Middle Lane Group Data</b>								
Assigned Mvmt	6	0	0	4	0	0	0	8
Lane Assignment				T				
Lanes in Grp	0	0	0	1	0	0	0	0
Grp Vol (v), veh/h	0	0	0	290	0	0	0	0
Grp Sat Flow (s), veh/h/ln	0	0	0	1870	0	0	0	0
Q Serve Time (g_s), s	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
Cycle Q Clear Time (g_c), s	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
Lane Grp Cap (c), veh/h	0	0	0	1093	0	0	0	0
V/C Ratio (X)	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00
Avail Cap (c_a), veh/h	0	0	0	1093	0	0	0	0
Upstream Filter (I)	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Uniform Delay (d1), s/veh	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0
Incr Delay (d2), s/veh	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Control Delay (d), s/veh	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0
1st-Term Q (Q1), veh/ln	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0

HCM 7th Signalized Intersection Capacity Analysis  
 14: Little Britain Road (NY-207) & Old Little Britain Road

2023 Build - NYSDOT Signal Design  
 Peak PM Hour

2nd-Term Q (Q2), veh/ln	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
%ile Back of Q (50%), veh/ln	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
%ile Storage Ratio (RQ%)	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Right Lane Group Data									
Assigned Mvmt	16	0	0	14	0	0	0	18	
Lane Assignment	R							T+R	
Lanes in Grp	1	0	0	0	0	0	0	1	
Grp Vol (v), veh/h	232	0	0	0	0	0	0	377	
Grp Sat Flow (s), veh/h/ln	1572	0	0	0	0	0	0	1715	
Q Serve Time (g_s), s	6.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	
Cycle Q Clear Time (g_c), s	6.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	
Prot RT Sat Flow (s_R), veh/h/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Prot RT Eff Green (g_R), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Prop RT Outside Lane (P_R)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	
Lane Grp Cap (c), veh/h	330	0	0	0	0	0	0	1002	
V/C Ratio (X)	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.38	
Avail Cap (c_a), veh/h	919	0	0	0	0	0	0	1002	
Upstream Filter (I)	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	
Uniform Delay (d1), s/veh	16.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	
Incr Delay (d2), s/veh	2.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1	
Initial Q Delay (d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Control Delay (d), s/veh	18.7	0.0	0.0	0.0	0.0	0.0	0.0	5.9	
1st-Term Q (Q1), veh/ln	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
2nd-Term Q (Q2), veh/ln	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
3rd-Term Q (Q3), veh/ln	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
%ile Back of Q Factor (f_B%)	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	
%ile Back of Q (50%), veh/ln	2.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
%ile Storage Ratio (RQ%)	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.09	
Initial Q (Qb), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Final (Residual) Q (Qe), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sat Delay (ds), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sat Q (Qs), veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sat Cap (cs), veh/h	0	0	0	0	0	0	0	0	
Initial Q Clear Time (tc), h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Intersection Summary	
HCM 7th Control Delay, s/veh	11.0
HCM 7th LOS	B