

Summary of All Intervals

Run Number	1	2	3	4	5	Avg
Start Time	4:27	4:27	4:27	4:27	4:27	4:27
End Time	5:30	5:30	5:30	5:30	5:30	5:30
Total Time (min)	63	63	63	63	63	63
Time Recorded (min)	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2
# of Recorded Intvls	1	1	1	1	1	1
Vehs Entered	5266	5278	5307	5178	5122	5232
Vehs Exited	5182	5227	5281	5062	5043	5158
Starting Vehs	199	183	191	177	151	175
Ending Vehs	283	234	217	293	230	251
Denied Entry Before	7	3	3	2	1	2
Denied Entry After	264	286	252	294	230	264
Travel Distance (mi)	2931	2963	2984	2905	2862	2929
Travel Time (hr)	412.5	366.9	341.7	379.3	339.7	368.0
Total Delay (hr)	302.3	256.1	229.9	269.7	232.2	258.0
Total Stops	10608	9252	9342	9639	8437	9450
Fuel Used (gal)	376.7	346.9	334.0	350.5	320.4	345.7

Interval #0 Information Seeding

Start Time	4:27
End Time	4:30
Total Time (min)	3
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	4:30
End Time	5:30
Total Time (min)	60
Volumes adjusted by Growth Factors.	

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1: Wilson Street & South Main Street Performance by approach

Approach	EB	WB	NB	SB	All
Total Delay (hr)	18.8	13.0	19.6	7.2	58.7
Delay / Veh (s)	67.7	94.4	140.8	37.9	78.7

2: State Street & North Main Street Performance by approach

Approach	EB	WB	NB	SB	All
Total Delay (hr)	8.0	5.4	3.4	3.8	20.5
Delay / Veh (s)	23.3	28.1	31.4	24.2	25.7

10: Center Street & North Main Street Performance by approach

Approach	WB	NB	SB	All
Total Delay (hr)	0.2	0.2	0.1	0.5
Delay / Veh (s)	9.8	1.7	1.1	2.2

15: Betton Street & North Main Street Performance by approach

Approach	EB	WB	NB	SB	All
Total Delay (hr)	0.5	0.4	4.1	1.6	6.6
Delay / Veh (s)	7.1	19.2	27.1	14.7	18.8

17: Church Street & North Main Street Performance by approach

Approach	EB	WB	NB	SB	All
Total Delay (hr)	0.3	0.0	0.2	0.1	0.8
Delay / Veh (s)	11.0	8.2	1.6	0.9	2.3

19: Penobscot Street & Church Street Performance by approach

Approach	EB	NW	All
Total Delay (hr)	0.1	0.0	0.1
Delay / Veh (s)	2.4	0.3	2.2

20: Union Street & North Main Street Performance by approach

Approach	EB	WB	NB	SB	All
Total Delay (hr)	0.3	0.2	0.5	0.5	1.6
Delay / Veh (s)	18.9	20.6	3.3	2.9	4.3

23: State Street & Penobscot Street Performance by approach

Approach	EB	WB	NB	SB	All
Total Delay (hr)	3.9	2.0	1.5	0.2	7.5
Delay / Veh (s)	9.7	9.7	24.8	25.0	11.2

24: Penobscot Street & Betton Street Performance by approach

Approach	EB	WB	NB	All
Total Delay (hr)	0.0	0.4	0.1	0.6
Delay / Veh (s)	10.3	5.9	1.6	4.1

Total Network Performance

Total Delay (hr)	258.0
Delay / Veh (s)	178.8

Intersection: 1: Wilson Street & South Main Street

Movement	EB	EB	EB	WB	WB	NB	NB	B5	B12	SB	SB	SB
Directions Served	L	T	R	L	TR	L	TR	T	T	LT	T	R
Maximum Queue (ft)	300	790	304	178	535	282	365	219	533	252	236	184
Average Queue (ft)	182	423	113	132	318	266	358	209	485	152	146	59
95th Queue (ft)	329	1060	274	211	631	320	380	253	686	241	233	165
Link Distance (ft)		1369			632		290	144	505	209	209	
Upstream Blk Time (%)		3			10	35	59	68	64	5	5	0
Queuing Penalty (veh)		0			0	0	0	0	0	19	18	0
Storage Bay Dist (ft)	275		275	150		275						150
Storage Blk Time (%)	7	8	0	25	23	47	52				12	0
Queuing Penalty (veh)	56	42	0	99	23	265	116				17	0

Intersection: 2: State Street & North Main Street

Movement	EB	EB	EB	WB	WB	B26	NB	NB	SB	SB	SB	B28
Directions Served	L	L	TR	T	TR	T	T	TR	L	T	R	T
Maximum Queue (ft)	214	387	357	199	198	433	176	168	106	273	106	188
Average Queue (ft)	107	179	223	151	144	103	86	82	68	190	42	32
95th Queue (ft)	175	360	386	211	205	331	146	145	116	317	125	127
Link Distance (ft)		303	303	129	129	1618	213	213		201		128
Upstream Blk Time (%)		2	3	15	18		0			11		2
Queuing Penalty (veh)		9	19	0	0		0			0		0
Storage Bay Dist (ft)	260								80		80	
Storage Blk Time (%)		0							7	27	0	
Queuing Penalty (veh)		0							34	82	0	

Intersection: 2: State Street & North Main Street

Movement	B27
Directions Served	T
Maximum Queue (ft)	148
Average Queue (ft)	8
95th Queue (ft)	74
Link Distance (ft)	1051
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 5: Bend

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	65	108
Average Queue (ft)	8	19
95th Queue (ft)	38	69
Link Distance (ft)	290	290
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 10: Center Street & North Main Street

Movement	WB	SB
Directions Served	LR	LT
Maximum Queue (ft)	61	38
Average Queue (ft)	28	2
95th Queue (ft)	52	21
Link Distance (ft)	1601	213
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 15: Betton Street & North Main Street

Movement	EB	EB	WB	NB	NB	NB	SB	SB
Directions Served	LT	R	LTR	L	T	TR	L	TR
Maximum Queue (ft)	64	73	98	234	262	216	78	230
Average Queue (ft)	19	39	33	84	147	67	17	92
95th Queue (ft)	54	63	71	165	233	164	51	173
Link Distance (ft)	327		852		255	255		262
Upstream Blk Time (%)				0	0	0		0
Queuing Penalty (veh)				0	1	0		1
Storage Bay Dist (ft)		150		325			100	
Storage Blk Time (%)				0	0			9
Queuing Penalty (veh)				0	0			2

Intersection: 17: Church Street & North Main Street

Movement	EB	WB	NB	SB	SB
Directions Served	LTR	LR	LTR	LT	TR
Maximum Queue (ft)	107	29	134	27	6
Average Queue (ft)	41	14	13	1	1
95th Queue (ft)	80	36	68	14	7
Link Distance (ft)	200	282	169	255	255
Upstream Blk Time (%)			0		
Queuing Penalty (veh)			1		
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 19: Penobscot Street & Church Street

Movement	EB
Directions Served	R
Maximum Queue (ft)	67
Average Queue (ft)	33
95th Queue (ft)	56
Link Distance (ft)	116
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 20: Union Street & North Main Street

Movement	EB	WB	NB	SB	SB
Directions Served	LTR	LTR	LTR	LT	TR
Maximum Queue (ft)	100	69	201	129	138
Average Queue (ft)	33	22	37	29	22
95th Queue (ft)	75	51	128	100	98
Link Distance (ft)	197	668	209	169	169
Upstream Blk Time (%)	0		0	0	0
Queuing Penalty (veh)	0		2	1	2
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 23: State Street & Penobscot Street

Movement	EB	EB	B3	B3	WB	WB	NB	NB	SB
Directions Served	LT	TR	T	T	LT	TR	LT	R	LTR
Maximum Queue (ft)	187	184	323	540	175	161	260	175	57
Average Queue (ft)	130	167	45	153	80	75	139	16	15
95th Queue (ft)	205	214	258	452	148	142	238	77	45
Link Distance (ft)	114	114	900	900	303	303	381		268
Upstream Blk Time (%)	9	25	0	0					
Queuing Penalty (veh)	0	0	0	0					
Storage Bay Dist (ft)								150	
Storage Blk Time (%)							5	0	
Queuing Penalty (veh)							1	0	

Intersection: 24: Penobscot Street & Betton Street

Movement	EB	WB	NB
Directions Served	TR	L	R
Maximum Queue (ft)	32	80	7
Average Queue (ft)	13	44	0
95th Queue (ft)	38	66	3
Link Distance (ft)	383	381	327
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 28: Bend

Movement	NE	NE
Directions Served	T	T
Maximum Queue (ft)	95	177
Average Queue (ft)	21	48
95th Queue (ft)	68	127
Link Distance (ft)	201	201
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Network Summary

Network wide Queuing Penalty: 812