

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	4393	4290	4446	4338	4446	4383
Vehs Exited	4368	4317	4424	4372	4431	4385
Starting Vehs	142	182	130	187	160	158
Ending Vehs	167	155	152	153	175	149
Denied Entry Before	2	6	3	2	5	3
Denied Entry After	2	0	3	3	0	1
Travel Distance (mi)	2579	2541	2640	2576	2633	2594
Travel Time (hr)	159.0	156.6	169.3	164.3	175.0	164.8
Total Delay (hr)	60.4	59.7	68.8	66.1	74.5	65.9
Total Stops	5518	5486	6205	5853	6421	5896
Fuel Used (gal)	197.3	192.6	205.9	198.0	201.5	199.1

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 & North Main Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Delay (hr)	5.0	4.1	1.7	1.2	2.1	0.2	1.9	2.5	0.3	0.3	4.3	0.4
Delay / Veh (s)	84.2	40.7	20.9	59.9	27.3	22.0	38.5	25.3	19.8	51.3	42.5	11.1

1: Wilson Street & North Main Street Performance by movement

Movement	All
Total Delay (hr)	24.0
Delay / Veh (s)	37.0

2: State Street & North Main Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Delay (hr)	6.1	3.4	0.0	0.2	4.2	0.4	0.0	3.7	0.3	0.6	1.6	0.3
Delay / Veh (s)	55.8	19.2	17.9	52.3	31.7	19.5	40.7	36.7	31.2	46.1	23.0	5.8

2: State Street & North Main Street Performance by movement

Movement	All
Total Delay (hr)	20.7
Delay / Veh (s)	30.1

10: Center Street & North Main Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Delay (hr)	0.0	0.2	0.3	0.3	0.1	0.0	0.3	0.3	0.0	0.0	0.2	0.0
Delay / Veh (s)	52.6	36.7	5.5	46.6	40.2	11.0	6.2	3.1	1.9	7.5	3.3	2.0

10: Center Street & North Main Street Performance by movement

Movement	All
Total Delay (hr)	1.8
Delay / Veh (s)	5.7

12: Penobscot Street & Center Street Performance by movement

Movement	EBL	EBR	NBT	SBT	SBR	All
Total Delay (hr)	0.0	0.0	0.3	0.0	0.0	0.4
Delay / Veh (s)	6.0	3.2	6.2	0.5	0.2	3.2

13: Betton Street & North Main Street Performance by movement

Movement	EBL	EBT	EBR	NBL	NBT	SBT	SBR	All
Total Delay (hr)	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.4
Delay / Veh (s)	13.8	0.1	11.4	3.9	0.4	1.6	1.6	1.3

15: Parker Street & North Main Street Performance by movement

Movement	WBL	WBR	NBT	NBR	SBL	SBT	All
Total Delay (hr)	0.1	0.1	0.3	0.0	0.0	0.0	0.5
Delay / Veh (s)	18.0	9.6	1.7	1.0	3.8	0.3	1.7

17: Church Street & North Main Street Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Total Delay (hr)	0.0	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.8
Delay / Veh (s)	25.1	15.3	39.5	7.7	4.8	1.0	0.5		3.1	0.3	2.5

19: Penobscot Street & Church Street Performance by movement

Movement	EBR	NWR	All
Total Delay (hr)	0.0	0.0	0.0
Delay / Veh (s)	2.2	0.3	1.8

20: Union Street & North Main Street Performance by movement

Movement	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Total Delay (hr)	0.0	0.1	0.3	0.0	0.1	0.0	0.3	0.0	0.1	1.2	0.0	2.2
Delay / Veh (s)	13.5	38.5	63.6	12.9	25.2	6.5	1.9	1.5	12.3	9.0	10.5	6.8

23: State Street & Penobscot Street Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Total Delay (hr)	0.0	2.3	0.4	0.1	0.8	2.1	0.0	0.0	0.0	0.1	0.0	5.8
Delay / Veh (s)	14.0	8.2	6.8	23.1	4.4	39.2	25.3	15.4	15.1	26.3	6.7	9.9

24: Penobscot Street & Betton Street Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Total Delay (hr)	0.0	0.0	0.0	0.0	0.0
Delay / Veh (s)	0.1	1.8	0.1	2.5	1.8

Total Network Performance

Total Delay (hr)	65.9
Delay / Veh (s)	54.2

Intersection: 1: Wilson Street & North Main Street

Movement	EB	EB	EB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	TR	L	TR	L	T	R
Maximum Queue (ft)	288	706	264	144	283	272	357	144	268	182
Average Queue (ft)	154	230	64	56	137	94	170	33	193	80
95th Queue (ft)	299	624	161	109	231	181	291	103	278	201
Link Distance (ft)	1381				631	1257		212		
Upstream Blk Time (%)	0							19	0	
Queuing Penalty (veh)	0							96	0	
Storage Bay Dist (ft)	275	275		150	275		100		150	
Storage Blk Time (%)	6	2	0	0	7	1		40	0	
Queuing Penalty (veh)	41	10	0	0	5	3		58	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	LT	TR	T	LT	TR	L	T	R	T
Maximum Queue (ft)	197	301	319	195	200	228	192	192	105	273	106	148
Average Queue (ft)	125	148	188	137	132	32	120	118	38	156	51	14
95th Queue (ft)	181	250	302	197	196	133	178	184	86	274	132	76
Link Distance (ft)	301		301	129	129	1618	194	194	201		128	
Upstream Blk Time (%)	0		2	12	10	1		0	5		0	
Queuing Penalty (veh)	3		12	0	0	1		1	0		0	
Storage Bay Dist (ft)	260							80			80	
Storage Blk Time (%)	0								1	23	0	
Queuing Penalty (veh)	0								4	54	1	

Intersection: 2: State Street & North Main Street

Movement	B27
Directions Served	T
Maximum Queue (ft)	6
Average Queue (ft)	0
95th Queue (ft)	4
Link Distance (ft)	1051
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 10: Center Street & North Main Street

Movement	EB	EB	WB	NB	NB	SB
Directions Served	LT	R	LTR	L	TR	LTR
Maximum Queue (ft)	56	116	85	161	192	160
Average Queue (ft)	14	42	31	46	53	31
95th Queue (ft)	42	80	71	101	136	105
Link Distance (ft)	297	297	1610		206	194
Upstream Blk Time (%)				0	0	0
Queuing Penalty (veh)				0	1	0
Storage Bay Dist (ft)				275		
Storage Blk Time (%)				0	0	
Queuing Penalty (veh)				0	0	

Intersection: 12: Penobscot Street & Center Street

Movement	EB	NB
Directions Served	LR	LT
Maximum Queue (ft)	52	139
Average Queue (ft)	24	28
95th Queue (ft)	49	98
Link Distance (ft)	214	297
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 13: Betton Street & North Main Street

Movement	EB	NB	SB
Directions Served	LR	LT	TR
Maximum Queue (ft)	54	41	152
Average Queue (ft)	21	6	22
95th Queue (ft)	45	26	88
Link Distance (ft)	323	22	206
Upstream Blk Time (%)		1	0
Queuing Penalty (veh)		7	0
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 15: Parker Street & North Main Street

Movement	WB	NB	SB
Directions Served	LR	TR	LT
Maximum Queue (ft)	57	133	32
Average Queue (ft)	28	13	15
95th Queue (ft)	51	74	40
Link Distance (ft)	869	256	22
Upstream Blk Time (%)		0	3
Queuing Penalty (veh)		0	13
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 17: Church Street & North Main Street

Movement	EB	WB	NB	SB
Directions Served	LR	LR	LTR	LTR
Maximum Queue (ft)	66	54	67	207
Average Queue (ft)	18	14	4	24
95th Queue (ft)	47	45	30	117
Link Distance (ft)	217	301	171	256
Upstream Blk Time (%)				0
Queuing Penalty (veh)				2
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 19: Penobscot Street & Church Street

Movement	EB
Directions Served	R
Maximum Queue (ft)	37
Average Queue (ft)	16
95th Queue (ft)	39
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
Directions Served	LTR	LTR	LTR	LTR
Maximum Queue (ft)	48	95	105	190
Average Queue (ft)	11	27	10	78
95th Queue (ft)	36	72	53	204
Link Distance (ft)	204	665	212	171
Upstream Blk Time (%)				6
Queuing Penalty (veh)				32
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	188	101	283	120	128	124	154	41
Average Queue (ft)	118	149	9	47	31	41	87	77	6
95th Queue (ft)	196	219	48	176	88	91	118	173	25
Link Distance (ft)	117	117	900	900	301	301	104	104	268
Upstream Blk Time (%)	7	14					2	15	
Queuing Penalty (veh)	0	0					2	15	
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 24: Penobscot Street & Betton Street

Movement	WB	NB
Directions Served	L	R
Maximum Queue (ft)	16	44
Average Queue (ft)	1	12
95th Queue (ft)	10	34
Link Distance (ft)	214	323
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)	104	162
Average Queue (ft)	20	49
95th Queue (ft)	70	129
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: 360
