

Traffic Impact Study

Technical Appendix Volume V of V

Steeplegate Mall Redevelopment
270 Loudon Road (NH Route 9)
Concord, New Hampshire

Prepared for:

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July 2024

Revised May 2026

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CAPACITY ANALYSIS WORKSHEETS

2024 Existing Weekday Morning Peak-Hour
2024 Existing Weekday Evening Peak-Hour
2024 Existing Saturday Midday Peak-Hour
2027 No-Build Weekday Morning Peak-Hour
2027 No-Build Weekday Evening Peak-Hour
2027 No-Build Saturday Midday Peak-Hour
2037 No-Build Weekday Morning Peak-Hour
2037 No-Build Weekday Evening Peak-Hour
2037 No-Build Saturday Midday Peak-Hour
2027 Opening Year Build Weekday Morning Peak-Hour
2027 Opening Year Build Weekday Evening Peak-Hour
2027 Opening Year Build Saturday Midday Peak-Hour
2037 Build Weekday Morning Peak-Hour
2037 Build Weekday Evening Peak-Hour
2037 Build Saturday Midday Peak-Hour



2024 Existing Weekday Morning Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	20.6	49.8	0.2	18
	21	2.0	10.8	0.1	24
Blodgett Street	1	2.6	10.1	0.1	22
Ormond Street	2	1.2	20.0	0.2	29
	9	1.2	33.3	0.3	29
Cantebury Road	32	17.0	27.1	0.1	12
Allard Street	3	2.7	35.2	0.3	32
DQ/Washville Drivewa	4	0.5	13.1	0.1	29
NE Village Road	5	0.7	26.0	0.2	29
Alton Woods Drive	6	0.5	13.7	0.1	31
Branch Turnpike	7	0.2	3.8	0.0	36
Shaw's driveway	14	0.7	6.9	0.1	27
D'Amante Drive	15	8.2	19.5	0.1	18
Total		58.1	269.3	1.8	25

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	11.0	28.4	0.1	19
Shaw's driveway	14	1.7	13.7	0.1	26
Branch Turnpike	7	0.2	5.9	0.1	31
Alton Woods Drive	6	0.3	4.4	0.0	31
NE Village Road	5	0.4	13.8	0.1	30
Woodcrest Heights Dr	4	0.7	26.5	0.2	29
Allard Street	3	0.5	13.2	0.1	29
NH Route 132	32	23.4	56.7	0.3	20
	9	2.1	13.8	0.1	24
Ormond Street	2	1.6	33.4	0.3	29
Dunkin' Driveway	1	1.7	20.4	0.2	29
	21	0.5	7.9	0.1	28
Hazen Drive	31	24.0	32.3	0.1	8
Total		68.1	270.3	1.7	23

2024 Existing Weekday Evening Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	35.6	64.2	0.2	14
	21	2.8	11.6	0.1	23
Blodgett Street	1	2.8	10.4	0.1	22
Ormond Street	2	3.2	22.4	0.2	26
	9	2.4	34.4	0.3	28
Cantebury Road	32	26.5	37.0	0.1	9
Allard Street	3	4.8	41.1	0.3	27
DQ/Washville Drivewa	4	2.2	14.9	0.1	26
NE Village Road	5	2.0	27.5	0.2	28
Alton Woods Drive	6	1.9	15.3	0.1	27
Branch Turnpike	7	0.6	4.2	0.0	33
Shaw's driveway	14	1.2	8.0	0.1	23
D'Amante Drive	15	18.4	30.0	0.1	12
Total		104.4	321.1	1.8	21

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	21.7	39.2	0.1	14
Shaw's driveway	14	2.2	14.3	0.1	25
Branch Turnpike	7	0.9	7.0	0.1	26
Alton Woods Drive	6	0.5	4.6	0.0	30
NE Village Road	5	0.7	13.9	0.1	30
Woodcrest Heights Dr	4	1.4	26.7	0.2	29
Allard Street	3	1.0	13.9	0.1	28
NH Route 132	32	62.9	97.0	0.3	12
	9	2.3	14.1	0.1	24
Ormond Street	2	2.4	34.0	0.3	28
Dunkin' Driveway	1	1.8	21.1	0.2	28
	21	0.7	8.1	0.1	27
Hazen Drive	31	21.1	29.2	0.1	9
Total		119.6	323.0	1.7	19

2024 Existing Saturday Midday Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	22.6	51.6	0.2	17
	21	2.4	11.2	0.1	23
Blodgett Street	1	2.5	10.2	0.1	23
Ormond Street	2	2.8	22.1	0.2	26
	9	2.9	34.8	0.3	28
Cantebury Road	32	20.7	30.4	0.1	11
Allard Street	3	4.8	40.3	0.3	28
DQ/Washville Drivewa	4	3.3	16.1	0.1	24
NE Village Road	5	2.8	28.4	0.2	27
Alton Woods Drive	6	2.4	16.0	0.1	26
Branch Turnpike	7	0.7	4.3	0.0	31
Shaw's driveway	14	1.4	8.1	0.1	22
D'Amante Drive	15	25.3	36.8	0.1	10
Total		94.5	310.3	1.8	21

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	26.9	44.8	0.1	12
Shaw's driveway	14	2.4	14.6	0.1	25
Branch Turnpike	7	2.3	8.5	0.1	22
Alton Woods Drive	6	0.6	4.7	0.0	29
NE Village Road	5	0.9	14.3	0.1	29
Woodcrest Heights Dr	4	3.2	29.0	0.2	26
Allard Street	3	1.6	14.7	0.1	26
NH Route 132	32	108.0	143.5	0.3	8
	9	2.5	14.3	0.1	24
Ormond Street	2	2.7	34.0	0.3	28
Dunkin' Driveway	1	2.5	22.1	0.2	26
	21	1.0	8.4	0.1	26
Hazen Drive	31	14.2	22.4	0.1	12
Total		168.6	375.3	1.7	17

2027 No-Build Weekday Morning Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	22.2	51.3	0.2	17
	21	2.1	10.9	0.1	24
Blodgett Street	1	3.0	10.4	0.1	21
Ormond Street	2	1.3	20.3	0.2	29
	9	1.2	33.2	0.3	29
Cantebury Road	32	16.3	26.3	0.1	13
Allard Street	3	2.7	35.2	0.3	32
DQ/Washville Drivewa	4	0.5	13.2	0.1	29
NE Village Road	5	0.8	26.1	0.2	29
Alton Woods Drive	6	0.5	13.7	0.1	30
Branch Turnpike	7	0.2	3.8	0.0	36
Shaw's driveway	14	0.7	7.1	0.1	26
D'Amante Drive	15	9.0	20.3	0.1	18
Total		60.6	271.9	1.8	24

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	11.8	29.1	0.1	18
Shaw's driveway	14	1.8	13.8	0.1	26
Branch Turnpike	7	0.2	5.8	0.1	31
Alton Woods Drive	6	0.3	4.3	0.0	31
NE Village Road	5	0.3	13.7	0.1	30
Woodcrest Heights Dr	4	0.7	26.4	0.2	29
Allard Street	3	0.5	13.1	0.1	29
NH Route 132	32	24.8	57.9	0.3	20
	9	2.1	13.9	0.1	24
Ormond Street	2	1.7	33.4	0.3	29
Dunkin' Driveway	1	2.1	20.9	0.2	28
	21	0.6	8.0	0.1	28
Hazen Drive	31	25.5	33.8	0.1	8
Total		72.4	274.3	1.7	23

2027 No-Build Weekday Evening Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	40.8	69.5	0.2	13
	21	2.9	11.7	0.1	22
Blodgett Street	1	3.0	10.7	0.1	22
Ormond Street	2	3.7	23.0	0.2	25
	9	2.6	34.6	0.3	28
Cantebury Road	32	28.6	39.0	0.1	9
Allard Street	3	5.0	41.7	0.3	27
DQ/Washville Drivewa	4	2.5	15.1	0.1	25
NE Village Road	5	2.4	27.8	0.2	27
Alton Woods Drive	6	2.4	15.9	0.1	26
Branch Turnpike	7	0.7	4.3	0.0	32
Shaw's driveway	14	1.3	8.3	0.1	22
D'Amante Drive	15	19.0	30.6	0.1	12
Total		114.9	332.1	1.8	20

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	21.9	39.5	0.1	14
Shaw's driveway	14	2.3	14.4	0.1	25
Branch Turnpike	7	1.2	7.3	0.1	25
Alton Woods Drive	6	0.6	4.7	0.0	29
NE Village Road	5	0.7	13.9	0.1	30
Woodcrest Heights Dr	4	1.4	26.9	0.2	28
Allard Street	3	1.0	14.0	0.1	28
NH Route 132	32	90.5	124.2	0.3	9
	9	2.4	14.1	0.1	24
Ormond Street	2	2.4	33.9	0.3	29
Dunkin' Driveway	1	1.9	21.1	0.2	28
	21	0.8	8.2	0.1	27
Hazen Drive	31	20.7	28.8	0.1	9
Total		147.6	350.9	1.7	18

2027 No-Build Saturday Midday Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	24.9	53.8	0.2	16
	21	2.6	11.3	0.1	23
Blodgett Street	1	2.9	10.7	0.1	22
Ormond Street	2	2.9	22.3	0.2	26
	9	3.0	35.0	0.3	28
Cantebury Road	32	24.9	34.6	0.1	10
Allard Street	3	5.0	40.7	0.3	28
DQ/Washville Drivewa	4	3.5	16.2	0.1	24
NE Village Road	5	3.0	28.6	0.2	27
Alton Woods Drive	6	2.9	16.5	0.1	25
Branch Turnpike	7	0.8	4.4	0.0	31
Shaw's driveway	14	1.4	8.1	0.1	22
D'Amante Drive	15	26.0	37.5	0.1	10
Total		103.7	319.8	1.8	21

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	26.8	44.7	0.1	12
Shaw's driveway	14	2.6	14.7	0.1	24
Branch Turnpike	7	2.6	8.9	0.1	21
Alton Woods Drive	6	0.6	4.8	0.0	28
NE Village Road	5	0.9	14.3	0.1	29
Woodcrest Heights Dr	4	4.8	30.6	0.2	25
Allard Street	3	15.5	28.6	0.1	13
NH Route 132	32	191.8	226.3	0.3	5
	9	2.5	14.2	0.1	24
Ormond Street	2	2.7	33.8	0.3	29
Dunkin' Driveway	1	2.5	22.0	0.2	26
	21	1.0	8.4	0.1	26
Hazen Drive	31	15.2	23.4	0.1	11
Total		269.8	474.7	1.7	13

2037 No-Build Weekday Morning Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	23.3	52.3	0.2	17
	21	2.1	10.9	0.1	24
Blodgett Street	1	3.7	11.3	0.1	20
Ormond Street	2	1.6	20.5	0.2	28
	9	1.3	33.3	0.3	29
Cantebury Road	32	16.5	26.5	0.1	13
Allard Street	3	2.6	34.8	0.3	32
DQ/Washville Drivewa	4	0.5	13.1	0.1	29
NE Village Road	5	0.8	26.2	0.2	29
Alton Woods Drive	6	0.6	13.8	0.1	30
Branch Turnpike	7	0.2	3.8	0.0	36
Shaw's driveway	14	0.7	7.0	0.1	27
D'Amante Drive	15	9.2	20.4	0.1	18
Total		63.1	274.0	1.8	24

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	12.7	30.1	0.1	18
Shaw's driveway	14	1.9	13.9	0.1	26
Branch Turnpike	7	0.2	5.9	0.1	31
Alton Woods Drive	6	0.2	4.3	0.0	31
NE Village Road	5	0.4	13.8	0.1	30
Woodcrest Heights Dr	4	0.8	26.4	0.2	29
Allard Street	3	0.5	13.2	0.1	29
NH Route 132	32	25.3	58.3	0.3	19
	9	2.1	13.9	0.1	24
Ormond Street	2	1.9	33.7	0.3	29
Dunkin' Driveway	1	2.2	20.8	0.2	28
	21	0.7	8.1	0.1	27
Hazen Drive	31	27.0	35.3	0.1	7
Total		76.0	277.7	1.7	23

2037 No-Build Weekday Evening Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	65.5	94.3	0.2	9
	21	3.2	12.0	0.1	22
Blodgett Street	1	3.5	11.4	0.1	21
Ormond Street	2	4.2	23.4	0.2	25
	9	3.2	35.2	0.3	28
Cantebury Road	32	33.9	44.4	0.1	8
Allard Street	3	5.1	41.8	0.3	27
DQ/Washville Drivewa	4	3.2	15.8	0.1	24
NE Village Road	5	2.6	28.0	0.2	27
Alton Woods Drive	6	2.7	16.2	0.1	26
Branch Turnpike	7	0.7	4.3	0.0	32
Shaw's driveway	14	1.3	8.2	0.1	22
D'Amante Drive	15	19.8	31.4	0.1	11
Total		149.0	366.3	1.8	18

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	23.6	41.2	0.1	13
Shaw's driveway	14	2.3	14.4	0.1	25
Branch Turnpike	7	1.1	7.2	0.1	25
Alton Woods Drive	6	0.5	4.6	0.0	29
NE Village Road	5	0.7	13.9	0.1	30
Woodcrest Heights Dr	4	1.7	27.1	0.2	28
Allard Street	3	1.5	14.4	0.1	27
NH Route 132	32	186.7	340.0	0.3	5
	9	2.4	14.2	0.1	24
Ormond Street	2	2.4	33.9	0.3	29
Dunkin' Driveway	1	2.2	21.3	0.2	27
	21	0.9	8.3	0.1	27
Hazen Drive	31	24.0	32.1	0.1	8
Total		250.0	572.6	1.7	14

2037 No-Build Saturday Midday Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	33.8	62.8	0.2	14
	21	2.9	11.7	0.1	22
Blodgett Street	1	3.1	11.1	0.1	22
Ormond Street	2	3.4	22.8	0.2	25
	9	4.7	36.7	0.3	26
Cantebury Road	32	29.9	39.6	0.1	8
Allard Street	3	5.4	41.3	0.3	28
DQ/Washville Drivewa	4	4.6	17.4	0.1	22
NE Village Road	5	9.5	35.2	0.2	22
Alton Woods Drive	6	5.0	18.5	0.1	23
Branch Turnpike	7	0.9	4.5	0.0	30
Shaw's driveway	14	1.4	8.1	0.1	22
D'Amante Drive	15	25.9	37.4	0.1	10
Total		130.5	347.2	1.8	19

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	33.2	51.4	0.1	10
Shaw's driveway	14	14.8	26.8	0.1	13
Branch Turnpike	7	13.8	39.1	0.1	9
Alton Woods Drive	6	5.2	9.4	0.0	15
NE Village Road	5	47.4	65.5	0.1	7
Woodcrest Heights Dr	4	147.8	173.2	0.2	4
Allard Street	3	93.1	109.8	0.1	4
NH Route 132	32	294.3	327.8	0.3	3
	9	2.5	14.3	0.1	23
Ormond Street	2	2.6	33.7	0.3	29
Dunkin' Driveway	1	2.6	22.1	0.2	26
	21	1.0	8.4	0.1	26
Hazen Drive	31	15.7	23.9	0.1	11
Total		674.1	905.3	1.7	7

2027 Opening Year Build Weekday Morning Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	21.7	50.9	0.2	17
	21	2.1	10.9	0.1	24
Blodgett Street	1	3.2	10.6	0.1	21
Ormond Street	2	1.4	20.6	0.2	28
	9	1.3	33.2	0.3	29
Cantebury Road	32	17.2	27.3	0.1	12
Allard Street	3	3.0	36.4	0.3	31
DQ/Washville Drivewa	4	0.6	13.3	0.1	29
NE Village Road	5	1.0	26.4	0.2	29
Alton Woods Drive	6	0.8	14.1	0.1	30
Branch Turnpike	7	0.3	3.9	0.0	35
Shaw's driveway	14	0.9	7.4	0.1	25
D'Amante Drive	15	10.7	21.9	0.1	16
Total		64.2	277.0	1.8	24

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	13.1	30.4	0.1	18
Shaw's driveway	14	1.9	13.8	0.1	26
Branch Turnpike	7	0.2	6.0	0.1	30
Alton Woods Drive	6	0.2	4.3	0.0	31
NE Village Road	5	0.5	13.9	0.1	30
Woodcrest Heights Dr	4	0.9	26.5	0.2	29
Allard Street	3	0.6	13.3	0.1	29
NH Route 132	32	26.3	60.0	0.3	19
	9	2.2	13.9	0.1	24
Ormond Street	2	1.9	33.6	0.3	29
Dunkin' Driveway	1	2.1	21.0	0.2	28
	21	0.7	8.1	0.1	27
Hazen Drive	31	24.7	33.1	0.1	8
Total		75.3	277.9	1.7	23

2027 Opening Year Build Weekday Evening Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	124.6	153.1	0.2	6
	21	3.7	12.5	0.1	21
Blodgett Street	1	3.7	11.3	0.1	20
Ormond Street	2	3.8	23.3	0.2	25
	9	3.0	35.0	0.3	28
Cantebury Road	32	33.1	44.5	0.1	8
Allard Street	3	4.9	40.8	0.3	28
DQ/Washville Drivewa	4	3.5	16.2	0.1	24
NE Village Road	5	2.2	27.5	0.2	28
Alton Woods Drive	6	2.7	16.3	0.1	26
Branch Turnpike	7	0.7	4.4	0.0	31
Shaw's driveway	14	1.5	8.8	0.1	22
D'Amante Drive	15	19.1	30.5	0.1	12
Total		206.6	424.3	1.8	16

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	24.2	41.8	0.1	13
Shaw's driveway	14	2.4	14.6	0.1	25
Branch Turnpike	7	2.5	8.6	0.1	21
Alton Woods Drive	6	0.7	4.8	0.0	28
NE Village Road	5	0.7	13.8	0.1	30
Woodcrest Heights Dr	4	40.1	65.6	0.2	12
Allard Street	3	76.5	103.9	0.1	4
NH Route 132	32	336.6	654.0	0.3	3
	9	2.2	14.0	0.1	24
Ormond Street	2	2.4	34.0	0.3	28
Dunkin' Driveway	1	2.3	21.7	0.2	27
	21	0.9	8.3	0.1	27
Hazen Drive	31	23.2	31.3	0.1	8
Total		514.9	1016.5	1.7	9

2027 Opening Year Build Saturday Midday Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	29.6	58.5	0.2	15
	21	2.8	11.6	0.1	23
Blodgett Street	1	2.7	10.7	0.1	22
Ormond Street	2	3.4	22.8	0.2	25
	9	9.1	40.9	0.3	24
Cantebury Road	32	43.4	53.3	0.1	6
Allard Street	3	5.8	41.8	0.3	27
DQ/Washville Drivewa	4	3.8	16.6	0.1	23
NE Village Road	5	5.1	30.7	0.2	25
Alton Woods Drive	6	8.3	21.8	0.1	19
Branch Turnpike	7	0.9	4.5	0.0	30
Shaw's driveway	14	1.6	8.4	0.1	22
D'Amante Drive	15	25.6	37.0	0.1	10
Total		142.0	358.6	1.8	19

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	56.1	97.7	0.1	7
Shaw's driveway	14	44.1	56.0	0.1	6
Branch Turnpike	7	26.7	97.0	0.1	6
Alton Woods Drive	6	8.9	13.1	0.0	10
NE Village Road	5	78.3	105.6	0.1	5
Woodcrest Heights Dr	4	188.9	215.4	0.2	4
Allard Street	3	95.4	113.7	0.1	4
NH Route 132	32	286.4	320.0	0.3	4
	9	2.4	14.2	0.1	24
Ormond Street	2	2.5	33.9	0.3	29
Dunkin' Driveway	1	2.5	22.0	0.2	26
	21	1.2	8.6	0.1	26
Hazen Drive	31	15.1	23.4	0.1	11
Total		808.6	1120.6	1.7	6

2037 Build Weekday Morning Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	24.1	53.0	0.2	17
	21	2.2	11.0	0.1	24
Blodgett Street	1	4.2	11.7	0.1	19
Ormond Street	2	1.7	20.7	0.2	28
	9	1.5	33.3	0.3	29
Cantebury Road	32	17.9	27.9	0.1	12
Allard Street	3	3.0	35.7	0.3	32
DQ/Washville Drivewa	4	0.8	13.4	0.1	29
NE Village Road	5	1.1	26.6	0.2	29
Alton Woods Drive	6	0.7	14.0	0.1	30
Branch Turnpike	7	0.3	3.9	0.0	35
Shaw's driveway	14	0.8	7.5	0.1	25
D'Amante Drive	15	11.2	22.3	0.1	16
Total		69.5	281.2	1.8	24

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	13.8	31.2	0.1	17
Shaw's driveway	14	1.9	13.9	0.1	26
Branch Turnpike	7	0.3	6.0	0.1	30
Alton Woods Drive	6	0.3	4.4	0.0	31
NE Village Road	5	0.5	13.9	0.1	30
Woodcrest Heights Dr	4	0.9	26.6	0.2	29
Allard Street	3	0.6	13.4	0.1	29
NH Route 132	32	28.6	62.5	0.3	18
	9	2.2	13.9	0.1	24
Ormond Street	2	2.0	33.8	0.3	29
Dunkin' Driveway	1	2.3	21.2	0.2	28
	21	0.8	8.2	0.1	27
Hazen Drive	31	24.1	32.0	0.1	8
Total		78.5	281.0	1.7	22

2037 Build Weekday Evening Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	149.0	204.0	0.2	5
	21	3.4	12.2	0.1	22
Blodgett Street	1	3.6	11.6	0.1	21
Ormond Street	2	4.4	23.7	0.2	25
	9	5.7	37.5	0.3	26
Cantebury Road	32	40.6	52.4	0.1	7
Allard Street	3	5.4	41.8	0.3	27
DQ/Washville Drivewa	4	3.4	16.0	0.1	24
NE Village Road	5	2.8	28.4	0.2	27
Alton Woods Drive	6	4.2	17.6	0.1	24
Branch Turnpike	7	0.8	4.4	0.0	31
Shaw's driveway	14	1.4	8.3	0.1	22
D'Amante Drive	15	21.0	32.5	0.1	11
Total		245.7	490.6	1.8	14

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	25.2	42.9	0.1	12
Shaw's driveway	14	2.4	14.5	0.1	25
Branch Turnpike	7	2.3	8.4	0.1	22
Alton Woods Drive	6	0.7	4.8	0.0	29
NE Village Road	5	1.4	14.7	0.1	29
Woodcrest Heights Dr	4	53.6	82.7	0.2	10
Allard Street	3	85.6	133.8	0.1	4
NH Route 132	32	322.6	743.3	0.3	3
	9	2.4	14.1	0.1	24
Ormond Street	2	2.3	33.8	0.3	29
Dunkin' Driveway	1	2.0	21.3	0.2	27
	21	0.8	8.3	0.1	27
Hazen Drive	31	23.1	31.3	0.1	8
Total		524.5	1153.7	1.7	9

2037 Build Saturday Midday Peak-Hour



Arterial Level of Service: EB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Airport Road	31	47.0	76.1	0.2	12
	21	3.2	11.9	0.1	22
Blodgett Street	1	3.6	11.7	0.1	21
Ormond Street	2	7.9	27.3	0.2	21
	9	90.5	121.9	0.3	8
Cantebury Road	32	63.3	73.0	0.1	5
Allard Street	3	7.9	44.0	0.3	26
DQ/Washville Drivewa	4	6.3	19.1	0.1	20
NE Village Road	5	15.0	40.7	0.2	19
Alton Woods Drive	6	10.2	23.9	0.1	18
Branch Turnpike	7	1.0	4.6	0.0	29
Shaw's driveway	14	1.8	8.5	0.1	21
D'Amante Drive	15	27.0	38.6	0.1	9
Total		284.8	501.4	1.8	13

Arterial Level of Service: WB NH Route 9

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Old Loudon Road	15	96.9	244.1	0.1	5
Shaw's driveway	14	59.5	71.3	0.1	5
Branch Turnpike	7	30.9	144.6	0.1	5
Alton Woods Drive	6	10.1	14.5	0.0	10
NE Village Road	5	87.5	122.1	0.1	4
Woodcrest Heights Dr	4	196.2	223.2	0.2	3
Allard Street	3	96.6	117.1	0.1	4
NH Route 132	32	296.2	329.7	0.3	3
	9	2.5	14.2	0.1	24
Ormond Street	2	2.6	33.8	0.3	29
Dunkin' Driveway	1	2.5	22.0	0.2	26
	21	1.1	8.5	0.1	26
Hazen Drive	31	17.2	25.5	0.1	10
Total		899.7	1370.5	1.7	6