

**10-YEAR PAVEMENT MANAGEMENT PLAN
TOWN OF SUNAPEE
Prepared by Scott Hazelton, Highway Director
Revised August 27, 2019**

NOTE: This document will be used as a reference to assist with planning for the reconstruction, rehabilitation and/or resurfacing of roadways within the Town of Sunapee from 2018 through 2024. Roadway conditions may change significantly during that period of time due to the nature of the climate in which we live. All roadways that are proposed to be reconstructed, rehabilitated, and/or resurfaced are evaluated on an annual basis. When conditions warrant, the order in which the roadways are proposed to be reconstructed, rehabilitated and/or resurfaced may be revised to address the changing needs of other roads. The costs presented in this document are estimates that are based on current asphalt paving prices, and these costs are subject to change without notice as they are controlled by the petroleum products industry.

2014 -ROADWAYS THAT WERE RECONSTRUCTED, REHABILITATED OR RESURFACED PER THE 15-YEAR PAVEMENT MANAGEMENT PLAN

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2017 VISUAL OBSERVATION)	DATE OF LAST KNOWN OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	15-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				15-YEAR REHABILITATION OR RESURFACING TOTAL ESTIMATED COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Bradford Rd	5500		22	1,665	Poor	2000	Grind & Repave 3" & 1.5" Thickened Overlay	2015	2014	13,444.4	13,444.4	2,375.6	183.3	\$184,565.99
Cross Rd	1600		22	<500	Fair	2004	1.5" Thickened Overlay	2019	2014		3,911.1	356.7	53.3	\$25,511.65
Lawton Rd	300		22	<500	Fair	2000	1.5" Thickened Overlay	2015	2014		733.3	129.6	10.0	\$9,201.90
Messer Rd	2000		22	<500	Poor	2000	Grind & Repave 3"	2015	2014	4,888.9				\$5,768.89
Nutting Rd	1030		22	<500	Poor	2000	Grind & Repave 3"	2015	2014	2,550.0	2,550.0	475.0	34.3	\$36,726.86
Nutting Rd	7170		22	<500	Poor	2000	Grind with Stone Supplement 2014 & Repave 3" in 2015	2015	2015	20,044.4	17,526.7		239.0	\$25,335.00

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

18,333.3 18,088.9 2,861.9 246.7

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2014

\$287,110.29

NOTE: Lower Main Street (from the west intersection with Route 11 to the SAU Office), North Road (from Lower Main Street to the upper High School entrance), North Road (from Ryder Corner to approximately 300' before Perkins Pond Road, and Jobs Creek Road (from Grandliden Road to the southwest intersection of Garnet Hill Road) received pavement leveling courses due to the poor roadway conditions that were observed following the winter months.

2015 -ROADWAYS THAT WERE RECONSTRUCTED, REHABILITATED OR RESURFACED PER THE 15-YEAR PAVEMENT MANAGEMENT PLAN

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2017 VISUAL OBSERVATION)	DATE OF LAST KNOWN OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	15-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				15-YEAR REHABILITATION OR RESURFACING TOTAL ESTIMATED COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Messer Road	2000		22	<500	Poor	2000	Grind & repave 3"	2015	2014	4,888.9	4,888.9	863.9	66.7	\$61,795.80
Nutting Road	8200		22	<500	Poor	2000	Repave 3"	2015	2015		20,044.4	3,541.9	273.3	\$257,342.51

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

4,888.9 24,933.3 4,405.7 340.0

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2015

\$319,138.31

NOTE: Stage Coach Road (from Route 103 to the top of the hill), and Jobs Creek Road from Garnet Street to Garnet Hill Road received a pavement leveling course due to the poor condition of the roadways and as a results of the annual paving bid proposal prices that were received.

2016 -ROADWAYS THAT WERE RECONSTRUCTED, REHABILITATED OR RESURFACED PER THE 15-YEAR PAVEMENT MANAGEMENT PLAN

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2017 VISUAL OBSERVATION)	DATE OF LAST KNOWN OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	15-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				15-YEAR REHABILITATION OR RESURFACING TOTAL ESTIMATED COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Garnet Hill Rd	6500		22	<500	Fair	2005	1.5" Thickened Overlay	2015	2016	15,888.9	15,888.9	1,449.1	216.7	\$104,360.79
Jobs Creek Rd (Fire Station GM to top of hill)	2380		22	<500	Poor	2001 (Route 11 to top of hill)	Grind & Repave 3"	2011	2016	5,817.8	5,817.8	1,028.0	79.3	\$73,052.55
Jobs Creek Rd (Fire Station GM to top of hill)	2380		22	<500	Poor	2001 (Route 11 to top of hill)	Grind & Repave 3"	2011	2016	5,817.8	5,817.8	1,028.0	79.3	\$86,919.35
Woodland Rd		2100	22	<500	Good	2016	New 3" Pavement	N/A	N/A	0.0	5,133.3	907.1	70.0	\$82,860.21
Woodland Rd	200	2100	22		Fair/Good	2007	1" Overlay	2022	2016		488.9	30.7	6.7	\$2,254.16

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

27,524.4 33,146.7 4,442.8 452.0

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2016

\$349,447.06

NOTE: Prospect Hill Road (from the intersection with Meadowbrook Road north approximately 3,370 linear-feet) to the SAU Office) and Perkins Pond Road (from the top of the hill approximately 1,200 linear feet north down the hill) received pavement leveling courses due to the poor roadway conditions that were observed following the 2016 winter months.

2017 -ROADWAYS TO BE RECONSTRUCTED, REHABILITATED OR RESURFACED PER THE 15-YEAR PAVEMENT MANAGEMENT PLAN

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2017 VISUAL OBSERVATION)	DATE OF LAST KNOWN OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	15-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				15-YEAR REHABILITATION OR RESURFACING TOTAL ESTIMATED COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Lower Main St	1800		28		Fair	2002	Cold Plane & 1.5" Thickened Overlay	2017	2017	5,700.0	5,700.0	536.0	40.0	\$55,534.96
Main St.	2300		22		Fair	2010	Cold Plane & 1.5" Thickened Overlay	2017	2017	8,000.0	8,000.0	684.0	60.0	\$70,339.24
Trow Hill Rd	5200		22		Fair/Poor	1999	Grind & Repave 3"	2014	2017	12,711.1	12,711.1	2,246.1	173.3	\$178,206.36

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

0.0 0.0 0.0 0.0

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2017

\$302,080.56

NOTE: The 2018 paving projects was the first year of the 10-year Pavement Management Plan (formerly the 15-year Pavement Management Plan above). Asphalt prices increased from \$61.30 per ton in 2017 to \$64.25 per ton for 2018, which prevented the planned overlay of Chase Street. Chase Street paving has been delayed until 2019. All other paving projects that were planned for 2018 were completed between May 21st and June 6th.

2018 -ROADWAYS THAT WERE RECONSTRUCTED, REHABILITATED OR RESURFACED PER THE 10-YEAR PAVEMENT MANAGEMENT PLAN

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	10-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR REHABILITATION OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
North Rd (Ryder Corner to Trow Hill)	8,500		22		Poor	1999 Ryder to Trow	Grind & Repave 3"	2014	2018	20,777.8	20,777.8	3,671.4	212.5	\$268,125.13
North Rd (West Court to NHEC Substation)	1100		22		Good/Poor	Unknown	1.75" Thickened Overlay	2014 to 2017	2018	0.0	2,688.9	268.2	27.5	\$18,312.36
Perkins Pond Rd	2900	4900	22		Poor	1999 base/ 2002 overlay	Grind & Repave 3"	2014 to 2017	2018	7,088.9	7,088.9	1,252.6	72.5	\$91,477.99
North Rd (Ryder Corner to Hill Top Drive)	715		22		Fair	Unknown	1.75 Thickened Overlay	2017	2018	0.0	1,747.8	174.3	17.9	\$11,903.03

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

27,866.7 32,303.3 5,366.6 330.4

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2018

\$389,818.51

NOTE: Burkehaven Hill Road (from Lake Avenue to approximately 800' south of Harbor Hill road) and Stagecoach Road (from Hell's Corner Road to approximately 3,600' west) received a pavement leveling courses of asphalt due to the poor condition of the roadway that was observed during the 2016/2017 winter months and during the spring of 2017. North Road (from the NHEC sub station to Ryder Corner Road), Ryder Corner Road (from North Road approximately 2,000' north) were reconstructed due to the May 31, 2017 washouts and repaved with 2" thickness of 3/4" base material. Perkins Pond Road was reconstructed due the the May 31, 2017 washouts and patched with 2" thickness of 3/4" base material.

2019 -ROADWAYS TO BE RECONSTRUCTED, REHABILITATED OR RESURFACED

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	10-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR REHABILITATION OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Burkehaven Hill Road (#106/108 to new pavement from 2013)	600		21		Poor	Unknown	Grind & Repave 3"	2017	2019	1,400.0	1,400.0	247.4	20.0	\$19,303.03
Burkehaven Hill Road (Lake Avenue to Burkehaven Lane)	760		20		Poor	Unknown	Grind & Repave 3"	2017	2019	1,688.9	1,688.9	298.4	25.3	\$23,313.49
Stagecoach Rd (Route 103B to Youngs Hill Road)	5800	2300	21		Fair/Poor	Unknown	Grind & Repave 3"	2014	2019	13,533.3	13,533.3	2,391.3	193.3	\$186,595.93
Stagecoach Ln	700		21		Fair	2006	1.5" Thickened Overlay	2021	2019		1,633.3	139.7	23.3	\$10,403.84
Paradise Rd	600		22		Fair/Poor	Unknown	1.5" Thickened Overlay	2022	2019		1,466.7	125.4	20.0	\$9,320.68
Pochelon St	300		21		Poor	2001	1.75 Thickened Overlay	2016	2019		700.0	71.8	10.0	\$5,281.49
Prospect Hill Rd (Main Street to Antique Barn)	5940		21.5		Fair	2001/2014	1.5" Thickened Overlay	2016	2019		14,190.0	1,213.2	263.3	\$91,757.86
Prospect Hill Rd (Antique Barn to Town Line)	1700		21		Fair/Poor	2001	Grind & Repave 3"	2017	2019	3,966.7	3,966.7	700.9	263.3	\$59,368.78
Lake Avenue GM (First 300')	300		22		Poor	2004	1" Paver Shim		2021	0.0	733.3	46.0	0.0	\$3,284.87
Otter Hill Road (First 200')	200		22		Poor	2004	1" Paver Shim		2021	0.0	488.9	30.7	0.0	\$2,189.91
John Avery Lane (First 200')	200		22		Poor	2004	1" Paver Shim		2021		488.9	30.7	0.0	\$2,189.91

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

20,588.9 40,290.0 5,295.5 818.7

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2019

\$413,009.80

2020 -ROADWAYS TO BE RECONSTRUCTED, REHABILITATED OR RESURFACED

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	10-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR REHABILITATION OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Winn Hill Rd (Project is currently out to bid to obtain real construction costs)	1380	1300	21		Poor	2002/2006	Grind, Modify Elevation, Reconstruct Drainage & Repave 3"	2017 to 2021	2020	3,220.0	3,220.0	569.0	1,686.7	\$300,000.00
Youngs Hill Rd	7500		21		Fair/Poor	2006	1.75" Thickened Overlay	2021	2020		17,500.0	1,745.6	250.0	\$120,684.17

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

3,220.0 3,220.0 569.0 1,686.7

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2020

\$420,684.17

2021 -ROADWAYS TO BE RECONSTRUCTED, REHABILITATED OR RESURFACED

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	10-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR REHABILITATION OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Alpine Ct	400		22		Fair/Poor	Unknown	1.5" Overlay	2018	2019		977.8	61.3	13.3	\$4,681.56
Birch Point Rd	2300		22		Fair	2003	1" Overlay	2018	2021		5,622.2	352.5	76.7	\$24,340.05
Birch Point Ln	700		22		Fair	2003	1.5" Thickened Overlay	2018	2021		1,711.1	156.1	23.3	\$10,538.17
Chase St	1300		22		Fair	Unknown	1.5" Thickened Overlay	2019	2019		3,177.8	271.7	43.3	\$20,194.80
River Rd	900		34		Fair/Good	2007	1" Overlay	2016	2019		3,400.0	213.2	30.0	\$15,908.76
John Avery Ln	1400		22		Fair	2008	Grind & Repave 3"	2023	2021	3,422.2	3,422.2	604.7	46.7	\$48,769.97
Lovejoy Ln	600		22		Fair	2003	1" Overlay	2018	2021		1,466.7	92.0	20.0	\$6,502.18
Otter Hill Rd	2100		22		Fair	2008	Grind & Repave 3"	2023	2021	5,133.3	5,133.3	907.1	70.0	\$73,154.95
Lake Ave GM	3000		22		Fair/Poor	2001	Grind & Repave 3"	2016	2021	7,333.3	7,333.3	1,295.8	100.0	\$104,507.07
Old Georges Mills Rd	2400		22		Fair/Poor	Unknown	1.75" Thickened Overlay	2019	2020		5,866.7	601.9	80.0	\$44,039.25
Pine Ridge Rd	400	3200	22		Fair	2006	1" Overlay	2021	2024		977.8	61.3	13.3	\$4,334.79
Ryder Corner Rd (North Road to Sewer Access Road)	2600		22		Fair	2002	1.5" Thickened Overlay	2017	2018		6,355.6	543.4	86.7	\$40,264.61

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

0.0 977.8 61.3 13.3

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2021

\$397,236.16

2022 -ROADWAYS TO BE RECONSTRUCTED, REHABILITATED OR RESURFACED

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	10-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR REHABILITATION OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Angel Brook Rd	1100		22		Fair/Poor	Unknown	Grind & Repave 3"	2028	2020		0.0	475.1	36.7	\$31,048.38
Avery Rd	3300		22		Good	2010 (Grind & Repave 2,500 ft) /2012 Overlay	1" Overlay	2022	2021		8,066.7	505.8	110.0	\$35,761.98
Cooper St	800		22		Fair	2001	1" Overlay	2016	2021		1,955.6	122.6	26.7	\$8,669.57
Dowd Ln	1200		22		Fair/Good	Unknown	1.5" Thickened Overlay	2027	2022		2,933.3	267.5	40.0	\$18,370.64
Lake Ave	8600		22		Good/Fair	2003 (Birch to Burkehaven) 2008 (Sta 33+0 to Sta 86+0 Grind/Repave, Sta 0+00 to Sta 33+0 overlay) 2009 (Sta 33+0 to Sta 86+0 overlay)	1.5" Overlay	2018 to 2024	2022		21,022.2	1,797.4	286.7	\$125,436.15
Old Springfield Rd (Off Stoney Brook Rd)	150		20		Fair	2001	1" Overlay	2019	2021		333.3	58.9	5.0	\$3,927.27
Ryder Corner Rd (Sewer Access Rd to Croydon Line)	3000		22		Fair	2002	Grind & Repave 3"	2017	2018	7,333.3	7,333.3	1,295.8	100.0	\$103,744.07
Sargent Rd	2000	2000	22		Good	2012	1" Overlay	2027	2021		4,888.9	306.5	66.7	\$21,673.93
Stoney Brook Rd	2000		22		Fair	2001	1.5" Thickened Overlay	2016	2021		4,888.9	445.9	66.7	\$30,617.74

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

46,884.4 134,320.0 15,759.6 5,638.7

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2022

\$379,249.74

2023 -ROADWAYS TO BE RECONSTRUCTED, REHABILITATED OR RESURFACED

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	10-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR REHABILITATION OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Burkehaven Hill Road	5925		22		Fair/Poor (Harbor to top of Hill & Lake Ave to end)	2003	1.75" Thickened Overlay	2018	2022		14,483.3	1,486.0	197.5	\$101,303.46
Jobs Creek Rd	10900		22		Fair	2007 (Center section)	1.75" Thickened Overlay	2022	2022		26,644.4	2,733.7	363.3	\$181,260.20
Jeffrey Dr	1770		22		Fair/Good	2000	1.5" Thickened Overlay	2015	2023		4,326.7	394.6	59.0	\$27,096.70
Timothy Rd	2980		22		Fair/Good	2000	1" Overlay	2015	2023		7,284.4	456.7	99.3	\$32,294.16
Granliden Rd	2300		22		Good/Fair	2005	1.5" Thickened Overlay	2020	2022		5,622.2	512.7	76.7	\$35,210.40
Fernwood Point Rd	300	1900	22		Fair/Good	2007	1" Overlay	2022	2023		733.3	46.0	10.0	\$3,251.09
Fernwood Rd	1000		22		Fair/Good	2007	1" Overlay	2022	2023		2,444.4	153.3	33.3	\$10,836.97

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

#REF! 202,866.7 22,225.1 8,521.1

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2023

\$391,252.96

2024 -ROADWAYS TO BE RECONSTRUCTED, REHABILITATED OR RESURFACED

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	10-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR REHABILITATION OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Browns Hill Rd	1800		22		Fair/Good	2005	1" Overlay	2020	2023		4,400.0	275.9	60.0	\$19,506.54
Cary Farm Rd	300		22		Fair	2005	1.5" Thickened Overlay	2020	2023		733.3	66.9	10.0	\$4,592.66
Fairway Dr	4700		22		Fair/Good	2005	1" Overlay	2020	2022		11,488.9	720.4	156.7	\$50,933.74
Gardner Bay Rd	700		22		Fair/Good	2007	1" Overlay	2022	2022		1,711.1	107.3	23.3	\$7,585.88
Harbor Hill Rd	1300		22		Good/Fair	2003	1.5" Thickened Overlay	2018	2023		3,177.8	289.8	43.3	\$19,901.53
Holmes Ln	200		22		Fair/Good	2005	1" Overlay	2020	2023		488.9	30.7	6.7	\$2,167.39
Main St GM	1200		22		Fair/Good	2005	1" Overlay	2020	2023		2,933.3	183.9	40.0	\$13,004.36
Old Granliden Rd	900		22		Fair/Good	2005	1" Overlay	2020	2023		2,200.0	137.9	30.0	\$9,753.27
Pleasant St	500		22		Fair/Good	2005	1" Overlay	2020	2023		1,222.2	76.6	34.4	\$5,820.79
Skijor Steppe	500		22		Fair/Good	2005	1" Overlay	2027	2023		1,222.2	76.6	16.7	\$5,418.48
Stagecoach Rd (Hells Corner to Route 103)	6100		22	380	Poor	2017	1.75 " Thickened Overlay	2014 to 2017	2023		14,911.1	1,529.9	203.3	\$104,295.54
Sunny Ln	1400		22		Good	2007	1" Overlay	2020	2023		3,422.2	214.6	46.7	\$15,171.75

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

0.0 6,844.4 429.1 111.1

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2024

\$258,151.93

2025 -ROADWAYS TO RECEIVE RESURFACING AND/OR OVERLAY

ROAD NAME	ROAD SURFACE & LENGTH (ft)		AVERAGE ROADWAY WIDTH (ft)	AVERAGE DAILY TRAFFIC COUNT (ADT)	EXISTING ROADWAY CONDITION (BASED ON 2013 VISUAL OBSERVATION)	DATE OF LAST OVERLAY OR REPAIR	RECOMMENDED REPAIR	RECOMMENDED REPAIR SCHEDULE	15-YEAR SCHEDULED REHABILITATION OR RESURFACING	CONSTRUCTION MATERIAL QUANTITIES REQUIRED FOR RESURFACE OR REHABILITATION				10-YEAR OVERLAY AND/OR RESURFACING TOTAL COST PER ROADWAY
	PAVED	GRAVEL								SQUARE YARDS GRINDING ASPHALT	SQUARE YARDS ASPHALT EMULSION	TONS ASPHALT	TONS SHOULDER GRAVEL	
Coventry Drive	1400		22		Fair/Good	Unknown	1" Overlay	2028	2024		3,422.2	214.6	46.7	\$15,171.75
Hamel Rd	3200		22		Good	2004	1" Overlay	2019	2024		7,822.2	490.5	106.7	\$34,678.29
New Province Rd	100	2400	22		Fair	Unknown	1.5" Thickened Overlay	2028	2024		244.4	22.3	3.3	\$1,530.89
Orchard Circle	300		22		Fair/Good	Unknown	1" Overlay	2028	2024		733.3	46.0	10.0	\$3,251.09
Pleasant Place	400		22		Fair/Poor	Unknown	1" Overlay	2026	2024		977.8	172.8	13.3	\$11,489.83
Seven Hearths Ln	900	400	22		Good	2012 (Paid by Others)	1" Overlay	2027	2024		2,200.0	137.9	30.0	\$9,753.27
Treatment Plant Rd	1300		22		Good	Unknown	1" Overlay	2028	2024		3,177.8	199.2	43.3	\$14,088.05
Beech St	400	350	22		Good	2013	1" Overlay	2028	2024		977.8	61.3	13.3	\$4,334.79
Central St	1500		22		Good	2013	1" Overlay	2028	2024		3,666.7	229.9	50.0	\$16,255.45
Dewey Beach Rd	600		22		Good	2013	1" Overlay	2028	2024		1,466.7	92.0	20.0	\$6,502.18
Elm St	350		22		Good	2013	1" Overlay	2028	2024		855.6	53.6	11.7	\$3,792.94
Garnet St	4400		22		Good	2013	1" Overlay	2028	2024		10,755.6	674.4	146.7	\$47,682.65
High St	1500		22		Good	2013	1" Overlay	2028	2024		3,666.7	229.9	50.0	\$16,255.45
Lochly Rd	200	400	22		Fair	Unknown	1" Overlay	2028	2024		488.9	30.7	6.7	\$2,167.39
Lower Winn Hill Rd	300	100	22		Good	Unknown	1" Overlay	2028	2024		733.3	46.0	10.0	\$3,251.09
Maple Ct	300		22		Good	2013	1" Overlay	2028	2024		733.3	46.0	10.0	\$3,251.09
Maple St	1900		22		Good	2013	1" Overlay	2028	2024		4,644.4	291.2	63.3	\$20,590.23
North Road (Lower Main to Ryder Corner)	3100		22		Good	2017	1" Overlay	2020			7,577.8	475.1	103.3	\$33,594.59
Penacook Path	100	2300	22		Fair	Unknown	1" Overlay	2028	2024		244.4	15.3	3.3	\$1,083.70
Post Office Rd	700		22		Good	2013	1" Overlay	2028	2024		1,711.1	107.3	23.3	\$7,585.88
Riverside Dr	500	200	22		Good	2013	1" Overlay	2028	2024		1,222.2	76.6	16.7	\$5,418.48
School St	700		22		Fair/Good	2002	1" Overlay	2017	2023		1,711.1	107.3	23.3	\$7,585.88
Scotts Cove Rd	600		22		Fair	2007	1" Overlay	2022	2024		1,466.7	92.0	20.0	\$6,502.18
Sleeper Rd	900	3400	22		Good	2013	1" Overlay	2028	2024		2,200.0	137.9	30.0	\$9,753.27
Stone End Rd	500		22		Poor	Unknown	Grind & Repave 3"	2028	2024		1,222.2	1,222.2	216.0	\$17,417.84

TOTAL QUANTITIES OF CONSTRUCTION MATERIALS

1,222.2 45,344.4 2,982.4 618.3

ESTIMATED COST FOR ROADWAY IMPROVEMENTS IN 2025

\$302,988.24

TOTAL LINEAR FOOTAGE OF PAVED ROADS	198,930
TOTAL MILES OF PAVED ROADS	37.7
TOTAL LANE MILES OF PAVED ROADS	75.4

TOTAL COST FOR ROADWAY RESURFACING & REHABILITATION EXTENDED OVER 15-YEAR REPAIR PERIOD

\$3,812,931.57