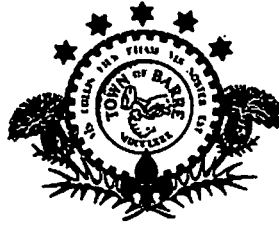


Town of Barre, Vermont



5 – Year Paved Road Plan

F.Y.
2018 – 2022

Approved by the Selectboard:
01-10-17

Year 1 2017 - 2018

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
71.50	SA 1	Graniteville Road - Middle Rd to Baptist St. - 1615' x 26' - Mill & 1-1/2" Overlay	4,666	\$8.29	\$ 38,677
84.50	SA 1	Graniteville Rd - Church Hill Rd. to pole #35 - 950' x 26' - mill & 1-1/2" Overlay	2,744	\$8.29	\$ 22,751
84.50	SA 1	Graniteville Rd - Pole #35 to Barclay Quarry Rd - 1000' x 24 - 1-1/2" Overlay	2,667	\$6.04	\$ 16,107
84.50	SA 1	Graniteville Rd - Barclay Quarry Rd to Cogswell St - 805' x 24' - mill & 1-1/2" Overlay	2,147	\$8.29	\$ 17,796
68.00	SA 1	Cogswell Street - Graniteville Road to T. L. - 1000' x 22' - mill, 1-1/2" Overlay	2,444	\$8.29	\$ 20,264
88.50	SA 10	Baptist St. so. end - 1500' x 22' - Remove Asphalt, add drainage & repave HMA 3" Pavement	3,667	\$12.08	\$ 44,293
88.50	SA 10	Baptist St.- north end Graniteville Rd to # 46 - 1325' x 22' - mill & 1-1/2" Overlay	3,239	\$8.29	\$ 26,850
70.25	SA 2	Websterville Road -Teja to Church Hill Rd. - 3720' x 24', mill & 1-1/2" Overlay	9,920	\$8.29	\$ 82,237
81.50	36	Nuissl Road - West Cobble Hill Rd to Pierce Rd - 1055'x22' - HMA 3" Pavement	2,579	\$12.08	\$ 31,153
82.25	43	Beckley Hill Rd - Town Line to Buena Vista - 2170' x 24', 2" shim and overlay	5,787	\$8.05	\$ 46,583
82.25	43	Beckley Hill Rd - Buena Vista to Nichols Rd. - 2340' x 24', 2" shim and overlay	6,240	\$8.05	\$ 50,232
82.25	43	Beckley Hill Rd - Nichols Rd. to E.O.P - 550' x 24', 2" shim and overlay	1,467	\$8.05	\$ 11,807
75.00	212	Buena Vista Circle -(entire) - 575' x 22' - BWC	1,406	\$8.00	\$ 11,244
75.00	212	Buena Vista Circle - cul-de-sac - 80' Diam' - BWC	559	\$8.00	\$ 4,468
57.25	224	Alnita Lane - Lemay St. to EOP - 245' x 22' - BWC	599	\$8.00	\$ 4,791
74.75	223	Chris Path Way - Beckley Hill Rd to School Rd. - 1115' x 22' - BWC	2,726	\$8.00	\$ 21,804
77.25	211	Valley View Circle (entire), 3152' x 22' - BWC	7,705	\$8.00	\$ 61,639
87.25	220	Countryside Circle - entire length - 883' x 23' - Mill, 2" shim and overlay	2,257	\$10.30	\$ 23,243
81.00	140	Sunnyside Drive - E. Cobble Hill Rd to Taplin Rd. - 1118' x 23' - BWC	2,857	\$8.00	\$ 22,857
52.75	131	Lemay Drive - Entire Length - 575' x 22' - BWC	1,406	\$8.00	\$ 11,244
75.25	53	Sterling Hill Rd. - So, Barre Rd. (Rt 14) east to EOP - 1330' x 21 - BWC	3,033	\$8.00	\$ 24,267
84.00	204	Apple Blossom- Cheney Rd to Crab Apple Lane - 700' x 22' - 2" Shim & Overlay	1,711	\$8.05	\$ 13,774
84.00	204	Apple Blossom- Crab Apple to cul-de-sac - 1400' x 22' + 45' R CDS - BWC	4,129	\$8.00	\$ 33,030
79.50	205	Crab Apple Lane - Apple Blossom to cul-de-sac - 400' x 22' + 75' D CDS - BWC	1,469	\$8.00	\$ 11,749
83.00	71	Graniteville Rd. - Cogswell to Drury Hill Rd. - 725' x 22' - Mill, 1-1/2" Overlay	1,772	\$8.29	\$ 14,692
80.75	71	Drury Hill Rd. - Graniteville Rd. to Town Line - 750' x 22' - Mill, 1-1/2" Overlay	1,833	\$8.29	\$ 15,198
76.00	221	Conti Circle - Entire Length - 1,825' x 22' - 2" Shim & Overlay	4,461	\$8.05	\$ 35,912
¹ 2017- 2018 TOTAL:					\$ 718,664

¹ Total is for pavement milling, reclaiming, and paving only. Town labor, equipment, materials and other services are not included. Adding 10% to total is a guide for total expenses:

$$\text{\$ 718,664} \times 1.1 = \text{\$ 790,530}$$

Adpoted 1/10/2017

1/10/2017

Year 2 2018 - 2019

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
83.75	SA 6	Airport Road - Miller Road to T. L. - 4700' x 24' - mill 1-1/2", shim & overlay 2"	12,533	\$10.30	\$ 129,093
79.00	SA 3	Church Hill Road - top of hill to Graniteville Rd. - 2265' x 22' - 1-1/2" Overlay	5,537	\$6.04	\$ 33,441
79.50	SA 12	Farwell Street - Nichols to Mekkliesen - 4727' x 22' - mill 1-1/2" w/ 2-1/2" HMA Shim & Overlay	11,555	\$12.31	\$ 142,241
35.75	SA 12	Farwell Street - Mekkliesen Rd. to E. Montpelair Line - 1322' x 22' - BWC	3,232	\$8.00	\$ 25,852
86.00	SA 12	Farwell Street - City Line to Nichols Rd. - 2415' x 22' - mill 1-1/2" w/ 2-1/2" HMA Shim & Overlay	5,903	\$12.31	\$ 72,670
73.50	38	E. Cobble Hill Rd - Rt 302 to Sunnyside Drive - 3130' x 24' - Mill 1-1/2" Overlay	8,347	\$8.29	\$ 69,194
73.50	38	E. Cobble Hill Rd - Sunnyside Dr. to Bedards Pit (#247) - 1435' x 24' - Mill and 1-1/2" Overlay	3,827	\$8.29	\$ 31,723
72.00	227	Al Monty Drive - 335' x 22' + 25' x 22' turnaout- BWC	880	\$8.00	\$ 7,040
68.50	226	Goldsbury Wood Drive - Entire road - BWC	2,520	\$8.00	\$ 20,162
75.25	134	Oak Drive - 1405' x 24' - BWC	3,747	\$8.00	\$ 29,973
70.25	135	Balsam Drive - 1459' x 28' - BWC	4,539	\$8.00	\$ 36,313
73.50	148	Spruce Lane - 930' x 20' - BWC	2,067	\$8.00	\$ 16,533
82.00	143	Willow Drive - 1272' x 22' - BWC	3,109	\$8.00	\$ 24,875
79.75	142	Clover Lane - 775' x 20' - BWC	1,722	\$8.00	\$ 13,778
80.50	196	East Balsam Drive - BWC	835	\$8.00	\$ 6,683
89.75	111	Christie Street - entire road 250' x 20' - 2" shim & overlay	500	\$8.05	\$ 4,025
71.00	22	Sunset Road - Camp Street to Windy Wood Rd. - 3100' x 22' - 2" Shim & Overlay	7,578	\$8.05	\$ 61,001
¹ 2018- 2019 TOTAL:					\$ 724,597

¹ Total is for pavement milling, reclaiming, and paving only. Town labor, equipment, materials and other services are not included. Adding 10% to total is a guide for total expenses:

$$\text{\$ } 724,597 \quad \times \quad 1.1 \quad = \quad \text{\$ } 797,057$$

Prioirty #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
76.50	SA 9	Miller Road - Perry Rd to Birchwood Park (3205' X 24') - 2" shim & overlay	8,547	\$8.05	\$ 68,801
81	SA 8	Hill Street - Town-City line to Windy Wood - 1375' x 26' - Mill & 1-1/2" Overaly	3,972	\$8.29	\$ 32,930
69.25	SA 8	Windywood Road - Hill St. to Pond - 1600' x 24' - BWC	4,267	\$8.00	\$ 34,133
74.00	SA 2	Websterville Rd- Ch Hill Rd to #149- 3050' x 26' - 2" mill & overlay	8,811	\$10.30	\$ 90,754
55.75	225	Kelley Road - entire road - 215' x 22' plus 25' x 22' turnout - BWC	587	\$8.00	\$ 4,693
65.25	120	Wark Street - 740' x 22' - entire road - BWC	1,809	\$8.00	\$ 14,471
73.50	21	Camp Street - GMP # 25 to Sunset Rd. - 4200' x 24' - 1-1/2" Overlay	11,200	\$6.04	\$ 67,648
69.75	210	Hutchins Circle - 1210' x 22' - BWC	2,958	\$8.00	\$ 23,662
63.25	213	Beede Cicle - Entire Length - 530' x 22' + CDS - BWC	2,061	\$8.00	\$ 16,488
64.75	167	Leo Avenue - entire - 380' x 20' - BWC	844	\$8.00	\$ 6,756
72.50	38	East Cobble Hill Road - WCH to Clark's Pit - 3160' x 24' - mill, 1-1/2" Overlay	8,427	\$8.29	\$ 69,857
73.00	156	Cherrywood Drive - entire - 2270' x 22' - Mill & Overlay 1-1/2"	5,549	\$8.29	\$ 46,000
82.50	155	Barre View Street - Cherrywood (so. end) to Gr. Mt. View - 660' x 26' - mill & 1-1/2"overlay.	1,907	\$8.29	\$ 15,806
59.50	155	Barre View Street - Quarry Hill to Gr. Mt. View - 1450' x 22' - mill & 1-1/2"overlay	3,544	\$8.29	\$ 29,383
69.50	62	McLeod Road - entire - 2140' x 22' - 1-1/2" Overlay	5,231	\$6.04	\$ 31,596
67.50	61	Orchard Terrace - entire - 3375' x 22' - Mill Overlay 1-1/ 2"	8,250	\$8.29	\$ 68,393
64.25	209	Highland Crofts - Entire road incl. cul-de-sac - 820' x 22' + 45' rad. Cds - BWC	2,711	\$8.00	\$ 21,688
75.75	43	Richardson Road - T. L. to Ledge Drive - 2000' x 22' - mill & 1-1/2" overlay	4,889	\$8.29	\$ 40,529
72.25	119	Velie Avenue - 450' x 20' - BWC	1,100	\$8.00	\$ 8,800
58.00	164	Granview Dr. - 1070' x 24' - BWC	2,853	\$8.00	\$ 22,827
58.75	128	Daniels Drive - 860' x 22' - entire road - 1-1/2" Overlay	2,102	\$6.04	\$ 12,697
62.50	129	Rudd Farm Road - 595' x 22' - entire road 1-1/2" Overlay	1,454	\$6.04	\$ 8,785
109.50	52	Old Quarry Hill Road - 450' x 20' - 3" HMA	1,000	\$12.08	\$ 12,080
¹ 2019- 2020 TOTAL:					\$ 748,777

¹ Total is for pavement milling, reclaiming, and paving only. Town labor, equipment, materials and other services are not included. Adding 10% to total is a guide for total expenses:

$$\$ 748,777 \quad \times \quad 1.1 \quad = \quad \$ 823,655$$

Priorityr #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
71.75	SAH 7	Bridge St. - S. Barre Rd. to Allen St. - 3250' x 24' - Mill & 1-1/2" overlay	2,853	\$8.29	\$ 23,654
54.25	SAH 4	Middle Rd. - U. Hutchins Cir. to Graniteville Rd. - 4360' x 24' - Spot Repair & BWC	11,627	\$8.00	\$ 93,013
60.75	SA 1	Quarry Hill Road - Bede Circle to Websterville Rd. - 1060' x 24' - 2' HMA Overlay	2,827	\$8.05	\$ 22,755
64.50	SA 1	Graniteville Road - #401 to Middle Road - 3965' x 24' - 1-1/2" HMA Overlay	10,573	\$6.04	\$ 63,863
58.00	SA 1	Graniteville Road - Sterling Hill to house #401 - 1650' x 24' - 1-1/2" HMA Overlay	4,400	\$6.04	\$ 26,576
64.50	SA 1	Graniteville Road - Slip Lane - 425' x 22' - 1-1/2" HMA Overlay	1,039	\$6.04	\$ 6,275
97.25	192	Meadowbrook Rd. - Entire length - 200' x 22' - 1-1/2" HMA Overlay	489	\$6.04	\$ 2,953
74.50	214	Don Camp Drive - Entire length - 360' x 22' + 50' R CDS - spot repair & BWC	1,752	\$8.00	\$ 14,018
71.50	60.00	Holden Road - S. Barre Rd. to house # 28 - 760' x 22' - mill & 1-1/2" HMA Overlay	1,858	\$8.29	\$ 15,401
83.00	20.00	Cassie St - Valley View to Plainfield Brook Rd - 1715' x 20' - 2" Shim & Overlay	3,811	\$8.05	\$ 30,679
70.00	20	Cassie St. - Town Line To Maplewood - 1070' x 24' - Mill & 1-1/2" HMA Overlay	6,800	\$8.29	\$ 56,372
67.25	61	Peloquin Road - 1,775' x 24' - 1-1/2" HMA Overlay	4,733	\$6.04	\$ 28,589
61.75	28	Hill Street - W. Cobble Hill to Sierra Lavin - 1700' x 24' - mill & 1-1/2" Overlay	4,533	\$8.29	\$ 37,581
91.50	30	Sierra Lavin Rd. 2 - #383 to Pierce Rd. - 1350' x 22' - 1-1/2" HMA Overlay	3,300	\$6.04	\$ 19,932
70.75	30	Sierra Lavin Rd. 1 - 2,350' x 24' - 2" Shim & Overlay	6,267	\$8.05	\$ 50,447
44.50	104	Jackson St. - Entire length - 200' x 18' - BWC	400	\$8.00	\$ 3,200
43.75	103	Colonial - 380' x 18' - BWC	760	\$8.00	\$ 6,080
37.75	127	North Colonial - 185' x 16' - BWC	329	\$8.00	\$ 2,631
37.75	122	Ellenwood - 210' x 18' - BWC	420	\$8.00	\$ 3,360
Gravel	9	School Rd. - EOP to Richardson Rd. intersection 1550' x 22' - Pave 3-3/4" Cold Mix & Chip Seal	3,789	\$16.50	\$ 62,517
64.00	38	E. Cobble Hill Rd. - House #248 to #131 - 3150' x 22' - 1-1/2" HMA Overlay	7,700	\$6.04	\$ 46,508
67.50	21	Camp St. - Town Line to brook beyond House #355 - 2975' x 22' - Mill & 1-1/2" HMA Overlay	7,933	\$8.29	\$ 65,767
59.00	178	Lisa Drive - 950' x 25' - BWC	2,639	\$8.00	\$ 21,111
59.00	178	Lisa Drive - Cul De Sac - 50 D - BWC	218	\$8.00	\$ 1,745
64.50	44	Allen Street - Bridge St to #212 Change of Pvrmt -960' x 23' - BWC	2,453	\$8.00	\$ 19,627
¹ 2020- 2021 TOTAL:					\$ 724,655

¹ Total is for pavement milling, reclaiming, and paving only. Town labor, equipment, materials and other services are not included. Adding 10% to total is a guide for total expenses:

$$\text{\$ } 724,655 \quad \times \quad 1.1 \quad = \quad \text{\$ } 797,120$$

Adpoted 1/10/2017

Year 5

2021 - 2022

1/10/2017

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
68.75	SA 7	Morrison Road - 4375' x 24' - entire road - BWC	11,667	\$8.00	\$ 93,333
60.75	SA 1	Quarry Hill Road - Town Line to Beede Circle - 4775' x 38' - 1-1/2" Overlay	20,161	\$6.04	\$ 121,773
54.25	SA 4	Cummings Rd. - Sunset Rd. to #570 - 2900' x 22' - 1-1/2" Overlay	7,089	\$6.04	\$ 42,817
53.75	SA 6	Upper Prospect St. - T. Line to Morrison - 2200' x 25' - BWC	6,111	\$8.00	\$ 48,889
53.75	SA 6	Upper Prospect Street- Jensen Road to Airport Road - 2010' x 26' - BWC	5,807	\$8.00	\$ 46,453
66	195	Wildersburg Common Phase 2 - 1100' x 22' - BWC	2,689	\$8.00	\$ 21,511
65.25	141	Crescent Lane - 1,300' x 22' - BWC	3,178	\$8.00	\$ 25,422
57.50	28	Osborne - Hill St. to Balsam Drive - 1120' x 24' - BWC	2,987	\$8.00	\$ 23,893
57.50	28	Osborne Rd. - Balsam to #165 - 2050' x 24' - Mill, 1-1/2" Overlay	5,467	\$8.29	\$ 45,319
61.50	174.00	Tanglewood Drive - 665' x 22' - BWC	1,626	\$8.00	\$ 13,004
61.25	173	Tamarack Lane - 2645' x 24' - BWC	7,053	\$8.00	\$ 56,427
60.25	208	Cobble Hill Meadows - 1700' x 22' + CDS w/ 50' R - Mill, 1-1/2" Overlay	5,028	\$8.29	\$ 41,680
60.25	95	Green St. - 375' x 22' - BWC	917	\$8.00	\$ 7,333
59.75	59	Snowbridge Road - 2,705' x 20' - Mill, 1-1/2" Overlay	6,011	\$8.29	\$ 49,832
59.50	217	Fieldstone Rd - 640' x 22' - BWC	1,564	\$8.00	\$ 12,516
59.50	150	Ledge Drive - 1125' x 20' - BWC	2,500	\$8.00	\$ 20,000
55.00	203	Grandview Farm Rd. - 1250' x 22' - BWC	3,056	\$8.00	\$ 24,444
57.50	38	W. Cob. Hill Rd. (W Tamrck - E. Cob. Hill) - 1250' x 24' - 2" HMA	3,333	\$8.05	\$ 26,833
57.75	51.00	Fisher Rd. - 1620' x 22' - Mill, 1-1/2" HMA Overlay	3,960	\$8.29	\$ 32,828
57.50	52	Patch Rd. - 280' x 20' - 1-1/2" HMA Overlay	1,444	\$6.04	\$ 8,724
¹ 2021- 2022 TOTAL:					\$ 763,034

¹ Total is for pavement milling, reclaiming, and paving only. Town labor, equipment, materials and other services are not included. Adding 10% to total is a guide for total expenses:

$$\$ 763,034 \quad \times \quad 1.1 \quad = \quad \$ 839,337$$