

# TOWN OF BARRE

## 5-YEAR PAVED ROAD PLAN

F.Y.  
2010 - 2015

Approved By Selectboard: November 24, 2009

Year 1 2010-2011

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
57.5	SH4	Middle Rd - Graniteville Rd to Hutchnis Cir. upper entr. - 4350' x 24' - mill and 2" overlay	11,600	\$10.50	\$ 121,800
58.75	SH8	Windy Wood Rd.- Upper Sugarwoods to Andrus Farm - GMP # 38 - 2010' x 22' - 2" overlay	4,913	\$8.40	\$ 41,272
82	SH8	Windy Wood Rd.- Andrus Farm - GMP # 38 to GMP # 44 -1400' x 22' - mill & 2" overlay	3,422	\$10.50	\$ 35,933
51.5	SH8	Windy Wood Rd.- Upper Sugarwoods to Sunset Rd - 2210' x 22' - 2" overlay	5,402	\$6.30	\$ 34,034
69.5	SH9	Miller Road - (Rte 63 to So. end of Birchwood) - 1010' x 24' - 2" mill & overlay	2,693	\$10.50	\$ 28,280
74.5	SH 5	Plainfield Brook Road - Camire Hill Road to mid-station - 2220' x 24' - reclaim and chip seal	5,920	\$4.00	\$ 23,680
82	151	Meadow Wood Drive to culdesac {570'x20'}+{100'x53'}- shim 2"	1,856	\$8.40	\$ 15,587
80.25	155	Barre View Dr. - Quarry Hill to Green Mtn. View - 1665' x 22' - 2" shim & overlay	4,070	\$8.40	\$ 34,188
80.75	75	Buick Street 750' x 20' - mill & 2" overlay	1,668	\$10.50	\$ 17,514
80.75	157 / 74	Ferris Street & Ferris St. Ext. - 835' x 20' - mill & 1-1/2" overlay	1,855	\$8.40	\$ 15,582
68.25	54	Bolster Road (Top Half) - 750' x 22' - mill & 1-1/2" overlay	1,835	\$8.40	\$ 15,414
65.75	160	Panther Rd entire length - 2" overlay - 465' x 20'	1,035	\$8.40	\$ 8,694
70	55	Waterman Street - Upper section - Donahue to Denison - 2460' x 22' - 2" overlay	6,015	\$8.40	\$ 50,526
52.5	55	Waterman Street- Websterville Rd. to Denison Drive - Shim & 2" overlay - 1685' x 22'	4,245	\$8.40	\$ 35,658
68.25	83	Hillside Ave. - Entire length - spot repair and 2" overlay - 1250' x 20'	2,780	\$8.40	\$ 23,352
63	22	Camire Hill Road - 2550' x 22' - 2" shim & overlay	6,235	\$8.40	\$ 52,374
69.5	38	West Cobble Hill Rd. (E. Cobble Hill to Cobble Hill Meadows), 1610' x 24', mill and pave 2"	4,293	\$10.50	\$ 45,080
78	141	Crescent Lane - Entire road - 1300' x 22' - 2" overlay	3,180	\$8.40	\$ 26,712
	186	Pitman Road - 2" overlay Parker Rd. to EOP - 470' x 24'	1,255	\$8.40	\$ 10,542
<b><sup>1</sup> 2010-2011 TOTAL:</b>					<b>\$ 636,222</b>

<sup>1</sup> 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.

2 Parker Road - 4" Pitman Road to EOP - Community Dev Grants - 635' x 24' - \$28,476

CDS - Cul-de-sac EOP - End of pavement FDR - Full Depth Reclamation

$$\text{\$ } 636,222 \quad \times \quad 1.1 \quad = \quad \text{\$ } 699,844$$

Year 2

2011- 2012

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
50.5	SH6	Upper Prospect Street - 2200' x 25' - 2" shim & overlay	6,111	\$8.40	\$ 51,333
65	SH3	Church Hill Road - Little John Rd. to top of Hill - Mill 2" & pave 2" - 5160' x 22'	12,613	\$14.60	\$ 184,155
59.25	SH3	Church Hill Road ( Websterville - Little John Rd.) - 490' x 27' - mill & 2" overlay	1,470	\$10.50	\$ 15,435
74.5	SH 5	Plainfield Brook Road - mid-station to Mitchell Rd - 2280' x 24' - reclaim and chip seal	6,080	\$4.00	\$ 24,320
79.25	20	*Cassie St - Valley View to Plainfield Brook 1380' x 22' - FDR - 3"	3,373	\$14.60	\$ 49,251
76.5	150	Ledge Drive - 1125' x 20' - 2" shim & overlay	2,500	\$8.40	\$ 21,000
64.5	173	Tamarack Lane - 2645' x 24' - 1" overlay	7,055	\$4.20	\$ 29,631
55.25	174	Tanglewood Drive - 665' x 22' - 1" overlay	1,625	\$4.20	\$ 6,825
66.75	208	Cobble Hill Meadows - 2" Shim & overlay - 1875' x 22'	4,720	\$8.40	\$ 39,648
45	45	Jensen Road Apron - 2" Shim & overlay - 300' x 22'	733	\$8.40	\$ 6,160
60.25	132	Sparrow Drive - Thin Surface Treatment - 1390' x 24'	3,820	\$4.35	\$ 16,617
64	133	Robin Drive - Thin Surface Treatment - 1115' x 22'	2,725	\$4.35	\$ 11,854
53.5	133	Skylark Terrace - Thin Surface Treatment - 1960' x 22'	4,795	\$4.35	\$ 20,858
52.5	136/137	Cardinal Circle - Thin Surface Treatment - 1620' x 24'	4,450	\$4.35	\$ 19,358
57.75	169	W. Skylark Terrace - Thin Surface Treatment-670' x 24' + 75 x 64	2,330	\$4.35	\$ 10,136
72.25	161	Goodhue Lane - Thin Surface Treatment - 400' x 25' + 60 x 70	1,580	\$4.35	\$ 6,873
58.25	218	Countryside Drive - 2" Shim & overlay - 1512' x 22'	3,700	\$8.40	\$ 31,080
57.5	217	Fieldstone Lane - 2" Shim & overlay - 640' x 22'	1,565	\$8.40	\$ 13,146
64.5	216	Smith Farm Road - 2" Shim & overlay - 1125' x 22'	2,750	\$8.40	\$ 23,100
58.25	85	Carnes Rd. - Entire length - 2" shim & overlay - 500' x 20'	1,115	\$8.40	\$ 9,366
62.75	84	Bianchi Street - Entire length - 2" shim & overlay - 775' x 20'	1,722	\$8.40	\$ 14,465
70	94	Prospect St.- Entire length - 2" shim & overlay - 585' x 18'	1,170	\$8.40	\$ 9,828
54.75	93	Pleasant St. - Entire length - 2" overlay - 400' x 20'	890	\$8.40	\$ 7,476
68.25	94	Irving St. - Entire length - 2" shim & overlay - 280' x 18'	560	\$8.40	\$ 4,704
53	159	Central St.- Entire length - 2" shim & overlay - 200' x 20' + culdesac	790	\$8.40	\$ 6,636
<sup>1</sup> 2011- 2012 TOTAL:					\$ 633,253

<sup>1</sup> 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:

$$\text{\$ } 633,253 \quad \times \quad 1.1 \quad = \quad \text{\$ } 696,579$$

Year 3

2012- 2013

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
40.25	SH1	Graniteville Road - Middle Road to south end of Picnic Area - 870' X 26' - Novachip	2,513	\$7.15	\$ 17,970
58.25	SH4	Middle Road - Hutchins Cir. upper entr. To So. Barre Rd. 3270' x 24' - Novachip	8,720	\$7.15	\$ 62,348
50.5	SH8	Windy Wood Road - Pond to Upper Sugarwoods - Mill & 2" Shim & Overlay, 3820' x 22.5'	9,835	\$10.50	\$ 103,268
82	178	Lisa Dr-950' x 25' -1" overlay and Thin Surface Treatment	2,639	\$8.40	\$ 22,167
79.25	15	Clark Road - Rte 14 to 1st ent Pine Ridge Rd - 800' x 20' - Reclaim and pave 3"	2,089	\$14.60	\$ 30,498
53.25	199	Pine Ridge Road - shim and pave 2"	2,089	\$8.40	\$ 17,547
79	57	Cheney Rd - Rt 63 to Apple Blossom - 675' x 22' - shim and 2' overlay	1,650	\$8.40	\$ 13,860
70.75	195	Wildersburg - Phase I - 1250' x 22' - mill 1" add super pave 3/4"	3,056	\$6.20	\$ 18,944
70	206	Deerfield Avenue - 860'x20' - 2" shim & overlay	1,915	\$8.40	\$ 16,086
59.75	153	Phil Street - spot repair to mid-section - 1431' x 20' -shim and pave 2"	3,337	\$8.40	\$ 28,031
56.5	55	Donahue Road - Waterman St. to #218 - 1750'x22' - shim and pave 2"	4,278	\$8.40	\$ 35,933
51.75	54	Bolster Road - Lower section - #37 to EOP - 750'x20' - Shim and Thin Surface Treatment	1,667	\$4.35	\$ 7,250
60.75	68	Barclay Quarry Road - 570'x18' Thin Surface Treatment	1,140	\$4.35	\$ 4,959
67.75	70	McHugh Road 1050' x 18' - 1" overlay and Thin Surface Treatment	2,100	\$8.40	\$ 17,640
70.25	69	Short St - 375' x 18' - 1" overlay and Thin Surface Treatment	750	\$4.35	\$ 3,263
58.67	123	Wendell Ter- -250' x 16' -1" overlay and Thin Surface Treatment	444	\$4.35	\$ 1,933
48.25	114	Clermont - 260'x18' - Thin Surface Treatment	520	\$4.35	\$ 2,262
54	138	Woodland Drive - Thin Surface Overlay Treatment - 950' x 24'	2,625	\$4.35	\$ 11,419
51	139	Lague Lane - Thin Surface Overlay Treatment - 1565' x 22'	3,826	\$4.35	\$ 16,643
51	139	Wildwood Drive - Thin Surface Overlay Treatment - 150' x 22'	370	\$4.35	\$ 1,610
50.75	147	Ridgewood Ter- 2260' x 24' -1" overlay and Thin Surface Treatment	6,027	\$4.35	\$ 26,216
53.75	152	Owen Dr-700' x 24' -1" overlay and Thin Surface Treatment	1,867	\$4.35	\$ 8,120
55.75	162	Windridge Dr-1040' x 24' -1" overlay and Thin Surface Treatment	2,773	\$4.35	\$ 12,064
45	38	West Cobble Hill Road - Ridgewood to Tamarack - 1705'x24' - Thin Surface Treatment 2	4,547	\$4.35	\$ 19,778
48.25	202	Sugarwoods Road - 3225' x 22' - Shim & 2" Overlay	8,120	\$8.40	\$ 68,208
51.25/80.75/69.75	12	Farwell Street - Chip Seal - 6030'x20'	13,400	\$2.00	\$ 26,800
82.25	61	Peloquin Road - Chip Seal - 1790'x24'	4,773	\$2.00	\$ 9,547
72.5	44	Allen Street- Chip Seal - 1350'x20'	3,000	\$2.00	\$ 6,000
44	22	Sunset Road - Camp Street to Windy Wood - Chip Seal - 3100'x24'	8,267	\$2.00	\$ 16,533
36	222	Parker Rd - Pitman Road south to cul-de-sac Chip Seal (430' x 22' + 55' R CDS)	1,725	\$2.00	\$ 3,450
<b><sup>1</sup> 2012- 2013 TOTAL:</b>					<b>\$ 630,346</b>

<sup>1</sup> 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: 2 W.  
Cobble Hill - Tamarack to Cobble Hill Meadows should be considered as an alternate at 550' x 24'  
@\$10.50 SY = \$15,400 a savings of \$4,378

\$ 630,346 x 1.1 = \$ 693,380

Year 4

2013- 2014

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
54.75	SH9	Miller Road - Birchwood Drive to Airport Road (6565' X 24') - Novachip	17,507	\$7.15	\$ 125,173
82.5	30	Sierra Lavin - #383 to EOP - 2350' x 22' - shim and overlay 2"	5,744	\$8.40	\$ 48,253
79	21	*Camp St - #410-#355 950' x 22' remove pavement/drain/replace w/3"	2,322	\$15.60	\$ 36,227
54	43	Richardson Rd - Ledge Dr. to old end of pavemnt.- 1875' x 22' - Thin Surface Treatment	4,585	\$4.10	\$ 18,799
60.25	183	Spring Hollow Lane - 1640' x 24' - 1" overlay and Thin Surface Treatment	4,373	\$4.35	\$ 19,024
51.25	185	Cross - 250' x 24' - 1" overlay and Thin Surface Treatment	667	\$4.35	\$ 2,900
49.5	182	Meadows Drive - 1000' x 20' - 1" overlay and Thin Surface Treatment	2,222	\$4.35	\$ 9,667
40.5	170	Cano Drive - 1000' x 24' - 1" overlay and Thin Surface Treatment	2,667	\$4.35	\$ 11,600
52.25	164	Granview Dr -1070' x 24' -1" overlay and Thin Surface Treatment	2,853	\$4.35	\$ 12,412
39.25	193	Moonlight Dr -795' x 24' -1" overlay and Thin Surface Treatment	2,120	\$4.35	\$ 9,222
41.75	182	Misty Mountain Dr-450' x 24' -1" overlay and Thin Surface Treatment	1,200	\$4.35	\$ 5,220
68.75	154	Grn Mtn View - entire street - mill and overlay 2"	2,067	\$10.50	\$ 21,700
63.25	112	Lucia St - entire road - 260'x18' - 2" shim & overlay	520	\$8.40	\$ 4,368
63.25	63	McLeod Hill Rd entire section - 960' x 24' - 2" shim & overlay	2,560	\$8.40	\$ 21,504
67.25	115	Park Street - Thin Surface Treatment - 265' x 18'	545	\$4.10	\$ 2,235
68	200	Scenic View - entire street - shim and 2" overlay	3,471	\$8.40	\$ 29,157
62.5	146	Sesame St - entire street - shim and 2" overlay	1,867	\$8.40	\$ 15,680
61.5	144	Meadowcrest Ln - entire street - mill and overlay 2"	3,056	\$10.50	\$ 32,083
59.5	163	Maplewood Ave - entire street - mill and overlay 1 1/2"	1,467	\$8.40	\$ 12,320
59	163	Hillcrest Ln - entire street - mill and overlay 1 1/2"	2,249	\$8.40	\$ 18,891
58.75	163	East St Ext - entire street - mill and overlay 1 1/2"	1,748	\$8.40	\$ 14,681
42.75	189	Camel's Hump Dr - entire street - mill and overlay 1 1/2"	2,860	\$8.40	\$ 24,024
48.5	188	Grace Ave - entire street - mill and overlay 1 1/2"	1,156	\$8.40	\$ 9,707
51.25	163	Burnside Ave - entire street - mill and overlay 1 1/2"	1,051	\$8.40	\$ 8,829
52	163	Meadows Lane - entire street - mill 1-1/2" and shim 2"	1,002	\$10.50	\$ 10,523
58.75	105	Cedar St - entire street - mill 1-1/2" and overlay 2"	1,222	\$10.50	\$ 12,833
49.5	203	Grandview Farm Rd - entire street - mill and pave 1-1/2"	3,056	\$8.40	\$ 25,667
50.5	191	Platinum Plain - Shim and Thin Surface Treatment	1,667	\$4.35	\$ 7,250
57	53	Sterling Hill - Websterville Rd to #130 near GMP pole #21 - 1120' x 24' - 2" shim & overlay	2,987	\$8.40	\$ 25,088
57	53	Sterling Hill - #130 to EOP - 850' x 26' - remove pavement & pave 3"	2,456	\$14.60	\$ 35,851
<b><sup>1</sup> 2013- 2014 TOTAL:</b>					<b>\$ 630,887</b>

<sup>1</sup> 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:

\$ 630,887      x      1.1      =      \$ 693,976

Priority #:	TH #	Road and Type of Work:	Area-(sq yd)	Unit Cost	Cost:
53.4	7	Morrison Road - Allen St to #196 @ GMP pole 36 1700' x 24' - 2" shim and overlay	4,535	\$8.40	\$ 38,094
46	55	Donahue Road - #218 To Drury Hill Rd. - 3980' x 24' - 2" shim and overlay	10,613	\$8.40	\$ 89,152
60.5	41	McLaughlin Road - Rte 14 to EOP 260' x 22' - 2" shim and overlay	636	\$8.40	\$ 5,342
59.25	214	Don Camp Drive - entire length 400' x 22' + CDS @ 90' Dia. - 2" shim & overlay	1,685	\$8.40	\$ 14,154
58	81	Sabetto Street - entire length 500' x 20' - Thin Surface Treatment	1,111	\$4.35	\$ 4,833
51.75	80	Libercent Street - entire length 420' x 20' - Thin Surface Treatment	935	\$4.35	\$ 4,067
48.75	80	Brook Street - entire length 1970' x 22' - Thin Surface Treatment	4,816	\$4.35	\$ 20,950
54.25	201	Terry Court - entire length 500' x 23' + CDS @ 75' Dia. - 2" shim & overlay	1,770	\$8.40	\$ 14,868
47.25	79	Milano Hill - entire length 200+ apron @ 22' - Thin Surface Treatment	490	\$4.35	\$ 2,132
56.75	99	Casanova Street - entire length 495' x 18' - Thin Surface Treatment	990	\$4.35	\$ 4,307
54.25	116	Littlejohn Road - Churchill Rd to #42 1135' x 22' - Thin Surface Treatment	2,775	\$4.35	\$ 12,071
51	77	Gregoire Street - entire length 635 + wide aprons - Thin Surface Treatment	1,700	\$4.35	\$ 7,395
47.75	82	Violette Street - entire length 830' x 20' - Thin Surface Treatment	1,845	\$4.35	\$ 8,026
52.5	28	Osborne Road - #165 to Phelps (+ exist. aprons ) 2570' x 24' + 450' x 24' - 2" shim & overlay	8,055	\$8.40	\$ 67,662
52.25	121	Philbrook Street - entire length - 1025' x 22' - 2" shim & overlay	2,506	\$8.40	\$ 21,050
45	38	West Cobble Hill Road - Hill St. to Tamarack - 1725'x24' - Thin Surface Treatment	4,600	\$4.35	\$ 20,010
52	172	Gold Spur - entire length - 770' x 24' - 2" shim & overlay	2,055	\$8.40	\$ 17,262
48.5	171	Silver Circle - entire length - 2975' x 24' - 2" shim & overlay	7,935	\$8.40	\$ 66,654
55.75/50	91	Mill Street - Rte 110 to EOP - (815' + 735' x 26' )+ ( 450' x 20' ) - mill & 2" pavement	4,480	\$10.50	\$ 47,040
42.25	186	Pitman Road - Websterville Rd to Parker Rd - 1950' x 24' - 2" shim & overlay	5,200	\$8.40	\$ 43,680
44	220	Countryside Circle - entire length 960' x 23' - 2" shim & overlay	2,453	\$8.40	\$ 20,608
53.75	192	Meadowbrook Road - entire length - 300' x 22' - Thin Surface Treatment	735	\$4.35	\$ 3,197
53.25	108	Wilson Street - entire length 725' x 18' + triangle 50' x 50' - Thin Surface Treatment	1,590	\$4.35	\$ 6,917
47.5	110	Stevens Lane - entire length 250' x 18' - Thin Surface Treatment	500	\$4.35	\$ 2,175
58	109	Seager Lane -290' x 18' - Side Drainage and Thin Surface Treatment	580	\$4.35	\$ 2,523
44.25	117	Henry Street - entire length - 610' x 18' - Thin Surface Treatment	1,220	\$4.35	\$ 5,307
41.25	118	Maple Street - entire length 195 x 20' - Thin Surface Treatment	435	\$4.35	\$ 1,892
36	111	Christie Street - entire length 490' x 20' - Thin Surface Treatment	1,089	\$4.35	\$ 4,737
40.5	107	Wilmuth Street - entire length 390' x 20 - Thin Surface Treatment	870	\$4.35	\$ 3,785
Gravel	57	Cheney Road - EOP to End of Rd @ Cul-de-sac 2290' x 20' + 75' Diam. CDS - 3" Asphalt	5,580	\$12.60	\$ 70,302
<b><sup>1</sup> 2014- 2015 TOTAL:</b>					<b>\$ 630,191</b>

<sup>1</sup> 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:

$$\text{\$ } 630,191 \quad \times \quad 1.1 \quad = \quad \text{\$ } 693,210$$