

Town of Charlemont, Massachusetts

Roadway Management Program

Cost Benefit Value Analysis - Roadways Sorted By CBV - Shim and Overlay

Name	Length (Miles)	Square Yards	RSR	Class	CBV	Repair	% Repair	Repair Cost	Cumulative Total
Roadway Status:	Accepted								
ROWE ROAD	0.74	10,451.02	57.62	CO	86.78	Shim and Overlay	100%	\$125,412.20	\$125,412.20
TOWER ROAD	1.07	12,572.17	56.62	LO	8.83	Shim and Overlay	100%	\$150,866.06	\$276,278.26
WEST OXBOW ROAD	1.23	12,956.19	61.61	LO	8.12	Shim and Overlay	100%	\$155,474.29	\$431,752.55
RIVER VIEW ROAD	0.17	1,404.82	62.61	LO	7.99	Shim and Overlay	100%	\$16,857.83	\$448,610.38
BURRINGTON ROAD	0.74	11,353.58	64.57	LO	7.49	Shim and Overlay	42%	\$136,242.95	\$584,853.33

Town of Charlemont, Massachusetts

Roadway Management Program

Cost Benefit Value Analysis - Roadways Sorted By CBV - Chip Seal - 20% Rubber

Name	Length (Miles)	Square Yards	RSR	Class	CBV	Repair	% Repair	Repair Cost	Cumulative Total
Roadway Status:	Accepted								
EAST HAWLEY ROAD	0.50	5,886.10	70.43	CO	35.71	Chip Seal - 20% Rubber	53%	\$29,430.48	\$29,430.48
EAST OXBOW ROAD	0.60	6,384.97	65.61	LO	7.62	Chip Seal - 20% Rubber	100%	\$31,924.87	\$61,355.34
WARNER HILL ROAD NUMBER	0.45	6,294.38	66.61	LO	7.51	Chip Seal - 20% Rubber	100%	\$31,471.91	\$92,827.25
HAWK HILL ROAD	0.14	1,854.68	72.62	LO	6.89	Chip Seal - 20% Rubber	100%	\$9,273.39	\$102,100.64
CENTER HEATH ROAD	0.07	486.54	77.96	LO	6.41	Chip Seal - 20% Rubber	100%	\$2,432.70	\$104,533.33
BURNT HILL ROAD	1.15	14,892.56	68.61	LO/CS/DE	3.64	Chip Seal - 20% Rubber	100%	\$74,462.81	\$178,996.14
COLONIAL HILL ROAD	0.11	912.48	73.62	LO/CS/DE	3.40	Chip Seal - 20% Rubber	100%	\$4,562.40	\$183,558.54
TEA STREET EXTENSION	0.20	2,976.52	75.62	LO/CS/DE	3.31	Chip Seal - 20% Rubber	100%	\$14,882.59	\$198,441.13
HEATH STAGE TERRACE	0.32	4,118.17	77.61	LO/CS/DE	3.22	Chip Seal - 20% Rubber	100%	\$20,590.83	\$219,031.96
SCHOOL STREET	0.08	913.75	77.62	LO/CS/DE	3.22	Chip Seal - 20% Rubber	100%	\$4,568.73	\$223,600.69

BETA Group, Inc.

Town of Charlemont, Massachusetts

Roadway Management Program

Cost Benefit Value Analysis - Roadways Sorted By CBV - Crack Seal

Name	Length (Miles)	Square Yards	RSR	Class	CBV	Repair	% Repair	Repair Cost	Cumulative Total
Roadway Status:		Accepted							
NORTH RIVER ROAD	1.04	18,336.35	83.61	CO	358.80	Crack Seal	100%	\$9,168.17	\$9,168.17
WEST HAWLEY ROAD	1.70	23,867.58	90.68	CO	263.43	Crack Seal	79%	\$11,933.79	\$21,101.96
WARFIELD ROAD	0.67	6,323.21	81.06	LO	37.02	Crack Seal	100%	\$3,161.61	\$24,263.57
COLRAIN ROAD	0.30	2,821.53	81.61	LO	36.76	Crack Seal	100%	\$1,410.77	\$25,674.34
SOUTH HEATH ROAD	0.35	3,088.26	81.62	LO	36.76	Crack Seal	100%	\$1,544.13	\$27,218.47
HIGH STREET	0.22	2,051.86	81.97	LO	36.60	Crack Seal	100%	\$1,025.93	\$28,244.40
POTTERS ROAD	0.31	2,920.83	85.62	LO	35.04	Crack Seal	100%	\$1,460.42	\$29,704.81
RICE FORT ROAD	0.12	1,016.92	88.62	LO	33.85	Crack Seal	100%	\$508.46	\$30,213.27
LEGATE HILL ROAD	2.58	30,253.49	86.85	LO	26.75	Crack Seal	74%	\$15,126.74	\$45,340.02
EAST HARMONY ROAD	0.24	1,943.24	80.62	LO	22.40	Crack Seal	100%	\$971.62	\$46,311.64
SOUTH STREET	0.07	690.18	81.61	LO/CS/DE	18.38	Crack Seal	100%	\$345.09	\$46,656.73
RIDDELL ROAD	0.40	3,761.69	86.62	LO/CS/DE	17.32	Crack Seal	100%	\$1,880.85	\$48,537.57
NORTH STREET	0.15	1,206.34	87.62	LO/CS/DE	17.12	Crack Seal	100%	\$603.17	\$49,140.75
THUNDER MOUNTAIN ROAD	0.23	3,972.93	91.62	LO/CS/DE	16.37	Crack Seal	100%	\$1,986.46	\$51,127.21

Town of Charlemont, Massachusetts

Roadway Management Program

Sidewalk Location - Summary

Sidewalk Location (House Number Side)	Length (Centerline Miles)
Even	0.40
Odd/Even	0.26
Total:	0.66

Town of Charlemont, Massachusetts

Roadway Management Program

Roadways With Sidewalks - Segment Description

Name	From Street	To Street	Sidewalk Location	Odd Side	Odd Material	Even Side	Even Material
NORTH HEATH ROAD							
NORTH HEATH RD-01	MAIN ST	PARK ST	Odd/Even	Yes	Concrete	Yes	Concrete
RIDDELL ROAD							
RIDDELL RD	ROUTE 2	DEAD END	Even	No	None	Yes	Concrete

Town of Charlemont, Massachusetts

Roadway Management Program

Roadway Striping - Summary

Name	Centerline Striping Length (Feet)	Edgeline Striping Length (Feet)
BURRINGTON ROAD	3,930.09	7,860.17
MOUNTAIN ROAD	2,820.19	5,640.39
PARK STREET	642.15	1,284.29
SOUTH RIVER ROAD	368.37	736.74
Total:	7,760.79	15,521.58

Town of Charlemont, Massachusetts

Roadway Management Program

Roadways With Striping - Segment Description

Name	From	To	Centerline Striping	Centerline Length	Edgeline Odd	Edgeline Even	Edge Line Length
BURRINGTON ROAD	0.74 Miles						
BURRINGTON RD-01	ROUTE 2	CENTER HEATH RD	Yes	1,653.00	No	No	3,306.00
BURRINGTON RD-02	CENTER HEATH RD	MOUNTAIN RD	Yes	474.97	No	No	949.95
BURRINGTON RD-03	MOUNTAIN RD	MOUNTAIN RD	Yes	335.35	No	No	670.70
BURRINGTON RD-04	MOUNTAIN RD	ROUTE 2	Yes	1,466.76	No	No	2,933.51
				3,930.09 Feet			7,860.17 Feet
MOUNTAIN ROAD	0.53 Miles						
MOUNTAIN RD-09	BIRCH LN	VINCENT RD	Yes	2,820.19	Yes	Yes	5,640.39
				2,820.19 Feet			5,640.39 Feet
PARK STREET	0.12 Miles						
PARK ST-01	NORTH HEATH RD	FAIRGROUND ENT.	Yes	446.49	Yes	Yes	892.98
PARK ST-02	FAIRGROUND ENT.	DEAD END	Yes	195.65	Yes	Yes	391.31
				642.15 Feet			1,284.29 Feet
SOUTH RIVER ROAD	0.07 Miles						
SOUTH RIVER RD-02	EAST HAWLEY RD	THUNDER MOUNTAIN RD	Yes	368.37	No	No	736.74
				368.37 Feet			736.74 Feet

BETA Group, Inc.