

## Proposed Rail Trails - Maintenance and Operations Estimates

As we begin to develop abandoned rail corridors into active trails, the Planning and Community Development office has put together a rough estimate for maintaining these corridors in the future. For this purpose the department used the proposed lengths of each, estimated width of 10 feet with 2 foot shoulders, and with the Mass Central as a stone dust trail and Bruce Freeman as asphalt. The costs include both personnel and materials.

A more refined cost will come about through the final design process of each project.

Mass Central Preliminary Maintenance Estimate	Phase 1 - 4.4 Miles - Wayland to Hudson		
Task	How Often	How Much Annually	By Whom
Resurface non-asphalt trail*	Once every 5 years	12,000	DPW
Grade non-asphalt trail	Annual	5,000	DPW
Pothole repair and other patches on non-asphalt trail	Annual	2,000	DPW
Snow removal from non-asphalt trail	N/A	0	N/A
Keep trail-side land clear of trash and debris	Monthly	0	Volunteer
Mowing	5/year	5,000	DPW
Leaf removal	2/year	2,000	DPW
Tree pruning	Annual	0	Volunteer
Invasive species removal	As Needed/Annual	0	Volunteer
Clearing of drainage channels and culverts	2/year	6,000	DPW
Surface maintenance of parking areas, crosswalks, road signage	2/year	4,000	DPW
General maintenance of trailheads (litter clean-up, etc.)	Monthly	0	Volunteer
Maintenance of gates, bollards and fencing	As Needed/Annual	2,000	DPW
Maintenance of Bridges	As Needed/Annual	2,000	DPW
Total		40,000	

\*Resurface with a 1" overlay needs to happen once every 5 years or so. The total cost is estimated at 60,000 dollars (12,000 per year over 5 years = 60,000)

Bruce Freeman Preliminary Maintenance Estimate	4.6 Miles - Concord Line to Mass Central Rail Trail		
Task	How Often	How Much Annually	By Whom
Pothole repair and other patches on asphalt trail	Annual	2,000	DPW
Snow removal from asphalt trail	N/A	0	N/A
Keep trail-side land clear of trash and debris	Monthly	0	Volunteer
Mowing	5/year	5,000	DPW
Leaf removal	2/year	2,000	DPW
Tree pruning	Annual	0	Volunteer
Invasive species removal	As Needed/Annual	0	Volunteer
Clearing of drainage channels and culverts	2/year	6,000	DPW
Surface maintenance of parking areas, crosswalks, road signage	2/year	4,000	DPW
General maintenance of trailheads (litter clean-up, etc.)	Monthly	0	Volunteer
Maintenance of gates, bollards and fencing	As Needed/Annual	2,000	DPW
Maintenance of Bridges	As Needed/Annual	2,000	DPW
Total		23,000	

\*Resurface with a bituminous concrete overlay in 25 to 30 years for 160,000 dollars at today's rate not included in this estimate.

Prepared by the Planning and Community Development Department, 2015, using recommended tasks from the Rails to Trails Conservancy's Maintenance and Operation Guide, and reviewed by the Sudbury Department of Public Works

The Rails to Trails Conservancy has studied the topic extensively. To learn more about the subject you can find the study [here](#).