



KEEP  
*Highland Lake*  
CLEAN & HEALTHY

Annual Private Road Maintenance

Task	Benefit	Freq.	Cost Range	Cost Avoidance
Grading	Allows water to quickly and naturally drain to the ditch.	1-3 years	\$19-28/100'	Ditching   Material
Surfacing	Builds up the road base and/or restores the crown of the road.	3-4 years	\$100-600/100' as needed	Potholes
Calcium Chloride	Prevents nuisance dust and reduces material loss.	2-3 years	\$275/100'	Material
Re-ditching	Increases the ability to move and drain water by removing leaves, silt, or other debris.	8-15 years	\$200-300/100' as needed	Grading   Material
Culverts	Allows more water to flow through the structure and off the road surface.	Spring & Fall	Volunteer Labor (VL)	Material
Shoulders	Removes berms that prevent water from leaving the road and reaching the ditch.	Spring	Volunteer Labor	Grading   Material
Potholes	Protects vehicles and avoids more costly road repairs.	Spring & Fall	Volunteer Labor & Material	Paving   Grading   Sealing
Tree Trimming	Prevents frost damage due to shade and root expansion.	2-4 years	Volunteer Labor	Paving   Grading   Sealing
Cleaning Settling Basins	Prevents water from backing up or causing further erosion.	8-15 years	VL-\$200 as needed	Material



**DID YOU KNOW?**

***\$1 spent in regular maintenance is estimated to save \$15 in capital repairs.***

# Annual Private Road Maintenance

## But what does it cost for MY road?

Use <https://rebrand.ly/roadcalculator>  
OR this QR code  
to access the road calculator.



### Use the Private Road Maintenance Budget Calculator!

Planning and budgeting are important aspects of private road maintenance. Proper planning can prevent recurring problems and save money in the long term. Proper budgeting can help ensure that money is available to perform necessary maintenance and repair work when it's needed—before small problems turn into large, expensive ones. Creating a phased plan can make larger projects more manageable.

The **Private Road Maintenance Budget calculator** allows you to take your quotes and determine the annual costs for each maintenance activity, the total annual cost, and how much each road user/road association member should contribute.



### Private Roads Maintenance Budget Calculator

\*It is recommended that you request multiple bids to ensure accurate pricing and budget implications.

**Grading (without adding material):**  
(cost/mile) x road mileage = annual cost

**Surfacing:**  
Note: 0.015 yards represents an average loss of 1/4 inch of road surface per year due to use. If you think your road is losing 1/2 inch of surface material per year, double the figure to 0.03  
road length x (number of yards of gravel lost per year, per foot of road length) x cost per yard of gravel = annual cost

**Ditch Maintenance**  
[(time estimated by contractor to clean out ditches) x (cost/time)] ÷ (how often it needs to be done) = annual cost

**Culvert Installation / Replacement:**  
Metal = +/- 25 years    Plastic (HDPE) = >25 years    Concrete = +/- 50 years  
[(number of culverts x cost) + (installation in road sub base)] ÷ expected life span of culvert = annual cost

**Capital Improvements (Wish List):**  
(estimated cost of improvements today) x 1.04 ÷ # of years to reach goal = annual cost

HIGHLAND LAKE ASSOCIATION



[www.highlandlakemaine.org](http://www.highlandlakemaine.org)