

MIN-4449 Average cost of resurfacing and rehabilitation

17 April 2024

Further to the advice provided in MINO-969 (2 February 2024), provide the average cost of maintenance activities by treatment length.

NZ Transport Agency Waka Kotahi (NZTA) response:

The following table provides the average cost for activities on the State Highway network by treatment length. Figures are as spent and not adjusted for inflation.

	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 ¹
Sealed road resurfacing (per treated lane KM)	\$59,651	\$51,440	\$51,295	\$50,426	\$52,890	\$67,988	\$66,356
Sealed road pavement rehabilitation (per treated lane KM)	\$424,899	\$402,544	\$376,194	\$464,610	\$468,262	\$513,889	\$612,379
Drainage renewals (per treated metre)	\$174	\$205	\$208	\$542	\$341	\$435	\$611

¹ For the 2023/24 financial year the data is available to February 2024 only.

- Please note that pavement resurfacing includes chipsealing and thin asphalt. Pavement rehabilitation includes granular overlay and structural asphalt construction. These are different construction methods within the same category, but can impact on averaged figures because they have differing costs, and differing cost by region.
- The 2023/24 figure for drainage renewals is artificially inflated as invoices have been received, but the data for the completed work is yet to be recorded by contractors.

The following table provides the actual spend for activities on the State Highway network where an average cannot be ascertained by treatment length. Figures are not adjusted for inflation.

	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 ²
Unsealed road metalling	\$162,160	\$29,954	\$821,973	\$178,550	\$99,500	\$186,757	\$148,411
Sealed pavement maintenance	\$92,746,328	\$58,304,249	\$61,603,544	\$62,489,299	\$54,702,374	\$74,736,941	\$59,776,872

Unsealed pavement maintenance	\$244,210	\$68,537	\$388,833	\$232,574	\$227,867	\$324,016	\$153,280
Routine drainage maintenance	\$16,477,280	\$15,224,897	\$12,744,183	\$11,183,380	\$12,647,846	\$15,168,940	\$11,294,056

² For the 2023/24 financial year the data is available to February 2024 only.

- The road assessment and maintenance management database (RAMM) does not isolate unsealed road metalling from other types of unsealed pavement maintenance. Furthermore, cost per kilometre for unsealed road maintenance/metalling would fluctuate dramatically as very little activity takes place and therefore figures become highly skewed if a contractor fails to record a maintenance activity into our asset management system. Only 30.8 kilometres of unsealed roads exist on the state highway network. For these reasons, an accurate cost per kilometre is not available.
- Some road maintenance activities cannot be measured meaningfully by treatment length.

Noted by Minister ☐

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