

Roads

Preventative and Permanent Patching Repairs

Glasgow City Council

Contact for Enquiries

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Summary and Background

Glasgow aims to deliver a customer focused road maintenance strategy that aligns funding to maximise the impact our finite resources have on the condition of our roads.

Intended Outcomes

A significant part of our road maintenance programme uses early intervention treatments and permanent patching repairs to reduce the number of defects on our roads and reduce the number of reactive temporary repairs required.

Actions and Approach

By delivering a balanced programme of preventive and corrective resurfacing treatments and a significant programme of permanent patching repairs, the impact on potholes and defects that possess the most risk, is significant. Permanent repairs offer greater value than temporary repairs, with a permanent repair likely to extend the life of a defected carriageway up to 30 times longer than a temporary repair. Preventative treatments also offer value, as the residual life of a large number of roads can be treated at low cost, decreasing the need for future reconstruction and reducing the whole life maintenance liability.

Results

The impact of our preventive and patching programmes is considerable. The permanent patching programme has been effective in dealing with large numbers of single potholes and small areas of defective carriageway. Most significantly, for the travelling public, the number of potholes that they encounter on their daily journeys has been noticeably reduced. Following last year's investment, the number of customer reported potholes fell by 30%; over 15,000 permanent potholes repairs were carried out, the highest ever carried out in a 12-month period.