



Transport for London statement on the use of extra government funding to repair roads damaged by severe winter weather

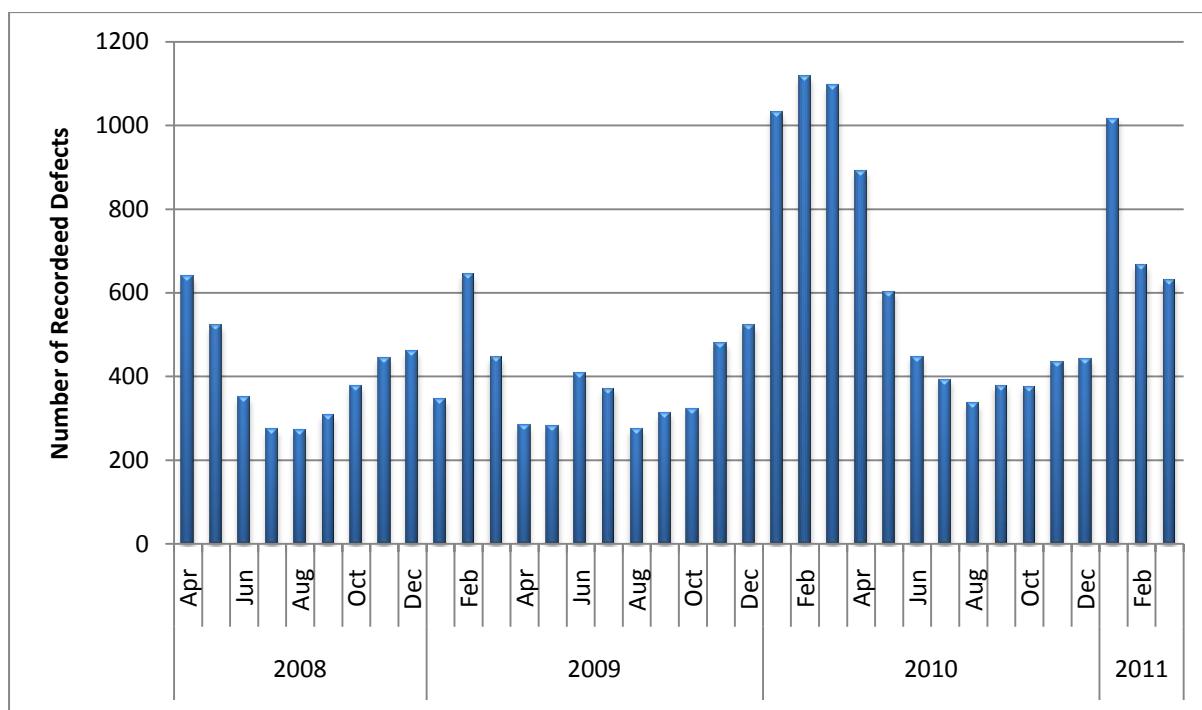
Winter damage and extra Government funding

The severe winter weather in recent years caused considerable damage to the nation's roads, both by producing fresh defects and by worsening existing defects. In recognition of the additional pressure this placed on highway authority budgets, the government, through the Department for Transport (DfT), made an extra investment of £200m in highway maintenance in March 2011. The conditions of the allocation were that it is complementary to, and not a substitute for, existing highway maintenance budgets and authorities publish a brief note on their website, by 30 September 2011, setting out how the extra funding was used.

DfT allocated the money formulaically based on road length. Transport for London (TfL) manages 580km of London's strategic road network, the red routes, and was allocated £1,832,910. This will provide direct benefits to Londoners, it businesses and visitors.

Damage to London's red routes

TfL undertake regular highway safety and service inspections. These inspections enable TfL to understand the additional damage caused by severe winters, as illustrated by the graph below. It shows a marked increase in carriageway defects, almost double, in January to April 2010 and January 2011 compared to previous years.





TfLs approach to using the extra funding

The additional damage has necessitated more patch repairs and small resurfacing works to keep the network safe and serviceable. These repairs, regardless of how well they are done, frequently do not last and may not address the underlying causes of the defect. On the other hand, larger resurfacing works can fully repair the problem and provide an area of carriageway that is smooth and defect free for a much longer time. The latter approach can also reduce the whole life costs of maintenance. For these reasons, TfL decided that the extra funding would be used to undertake larger carriageway resurfacing works rather than minor repairs.

TfL has a three year programme of carriageway resurfacing works which is updated each year in October/November. This programme is based on regular highway inspections and site investigations. The programme of carriageway resurfacing works for 2011/12 was agreed in November 2010. The programme provided a baseline against which additional works, caused by the severe winter of 2010/11, could be identified. This allowed TfL to clearly distinguish between the resurfacing needs prior and post the winter of 2010/11.

TfLs carriageway resurfacing programme for 2011/12, as of November 2010, had a total value of £30,599,550. Between February and April 2011, TfL and maintenance contractor staff identified additional sections of the red routes that, due to winter damage, needed maintenance in 2011/12 but were not on the previously agreed 2011/12 resurfacing programme. This identified an additional 98 potential resurfacing schemes at an estimated cost of £5.3m. The estimated cost of the additional schemes exceeded the £1,832,910 government allocation; therefore it was used to address a proportion of these schemes on a priority basis.

The following approach was adopted to ensure both TfL and additional government funds were used effectively:

- Additional works were cross referenced with the original programme. Any in close proximity to previously programmed works were reviewed, and where appropriate, combined schemes were proposed.
- The priorities of additional and combined schemes were evaluated using TfLs highway Value Management process. This included site visits by TfL pavement engineers to confirm the type and extent of damage, priority and treatment required.
- The highest priority additional schemes, up to a value of £1,832,910, were approved for resurfacing using the additional government allocation.
- Lower priority schemes on TfLs original resurfacing programme (£30,599,550) were, as appropriate, deferred until 2012/13 to allow combined works and additional works (beyond the £1,832,910) with higher priorities to be completed in 2011/12.

The result is a resurfacing programme that is addressing more sections of the road network thanks to the extra government allocation.



Delivery of additional schemes

The 25 highest priority additional schemes were approved for funding under the extra government allocation; they are listed in Table 1. These schemes will resurface a total of 40,551m², with the majority being delivered between July and October 2011. The time between damage occurring and scheme delivery (typically 6 to 9 months) was necessary to accommodate identification, prioritisation, investigation and design of the schemes, plus going through the process to gain network access. During this time, any defects that were assessed as a safety defect, e.g. pothole, were repaired. Before and after photographs of the completed scheme on Seven Sisters Road are shown below.



These are challenging times for highway maintenance and TfL will continue to cost effectively manage London's strategic road network and maintain it in a state of good repair.

Dana Skelley

Director of Roads

September 2011

**Table 1: List of carriageway resurfacing schemes funded by severe winter weather allocation**

Scheme Name	Borough	Expected Output (m²)	Actual / Planned Work dates	Status
A205 Brownhill Road	Lewisham	1,600	July 2011	Complete
A23 Purley Way	Croydon	4871	July 2011	Complete
Seven Sisters Road (eastbound)	Islington	586	August 2011	Complete
A503 Parkhurst Road	Islington	1730	August 2011	Complete
A1 Holloway Road (southbound)	Islington	1428	September 2011	Programmed
A1 Holloway Road (northbound)	Islington	440	September 2011	Programmed
A10 Great Cambridge Road (Scheme A)	Hackney	2372	September 2011	Programmed
A10 Great Cambridge Road (Scheme B)	Hackney	2372	September 2011	Programmed
A12 Eastern Ave - Aldborough Rd to Ramsgill Drive	Redbridge	1840	September 2011	Programmed
A406 Gunnersbury Avenue Ealing W3	Ealing	2000	September 2011	Programmed
A40 Westway, W10	Kensington & Chelsea	2500	September 2011	Programmed
A40 Westway, W12	Hammersmith & Fulham	2000	September 2011	Programmed
Gunton Road	Hackney	665	October 2011	Programmed
Pedestrian crossing Upper Clapton Road	Hackney	295	October 2011	Programmed
A24 London Road (Scheme A)	Merton	462	October 2011	Programmed
A24 London Road (Scheme B)	Merton	896	October 2011	Programmed
A12 Eastern Ave - Leyswood Drive to Aldborough Road	Redbridge	1337	October 2011	Programmed
A40 Westway, W12	Hammersmith & Fulham	2000	October 2011	Programmed
A4180 Westend Road, Northolt	Hillingdon	2500	October 2011	Programmed
A23 Farthing Way	Croydon	1625	October 2011	Programmed
A232 Addiscombe Road	Croydon	640	November 2011	Programmed
A10 Norton Foldgate	Islington	1100	November 2011	Programmed
A1020 Royal Docks Rd - Gallions roundabout to Woolwich Manor Way	Newham	1287	November 2011	Programmed
A40 Western Ave, Northolt	Hillingdon	3000	November 2011	Programmed
A232 Wickham Road	Croydon	965	March 2012	Programmed