



# Keeping you moving through Trafford

## Highways Infrastructure Asset Management Plan

Trafford's highway network is the most valuable asset within the borough. The road network comes to over 834km, and is mostly located within the urbanised areas. Across the network there is also 1,196km of footpaths and cycleways, 297 highway structures and 27,900 street lights.

A Highways Infrastructure Asset Management Plan (HIAMP) has been put in place to maintain and manage this integral part of Trafford.

Part of the management includes risk analysis, planning and updating the lifecycle of the highways surfaces, and ensuring the plan is continually in line with both national and European frameworks for asset management.

Following the HIAMP approach, a capital maintenance programme for Trafford's network has been developed. This will be reviewed every year.

The programme will take a preventative approach to maintain the network by using methods that will prolong use and decrease the speed of surface deterioration – such as potholes.

Preventative treatments to the roads, cycleways, and footpaths costs less than carrying out a full repair. Although the surface may not appear to be in need of repair, the treatment provided is to protect and prolong its use. This will help to provide the most cost effective solution, helping to invest further in the highway and other services.

## Treatment methods

There are four treatment methods that will be used across Trafford's roads, cycleways and footpaths:

### Surface dressing

The surface is sprayed with layers of bitumen and stone chippings which are then pressed into the surface by a roller. To ensure it is neat and uniform, excess chippings are deliberately added so that the dressing completely covers the surface. The surface is then swept and cleared of any loose chippings before it is re-opened. Surface dressing is a cost effective treatment which restores skid resistance and seals the surface to prevent water damage.

### Micro-asphalt overlay

The micro-asphalt is a mix of aggregates, binder, cement, water and fillers which are combined to create a slurry-type mixture in a laying machine which is then dispensed under the control of a computer programme. This allows an accurate amount to be dispensed according to the needs of the surface. The mixture creates a durable overlay and seal to protect the surface better from wear and tear, cracks and frost damage. Micro-asphalt is a preventative treatment typically used on less busy roads to seal the surface, repair cracks and other defects to prevent and stop the road from deteriorating.

### Two phase repair and protect

Where there is existing deterioration and damage, a two phase treatment may be undertaken. This will involve targeted patching to address existing pot holes, followed by either a surface dressing or micro-asphalt surfacing to seal and protect the road.

### Full resurface

Depending on the condition of the surface and the extent of existing damage, the surface may need to undergo a full resurface. This solution would involve removing multiple surface layers that have deteriorated, and replaced with new materials to create a fresh, smooth surface. This solution removes any defects and will prolong the life of the surface.



For more information about the HIAMP, please visit [www.trafford.gov.uk/HIAMP](http://www.trafford.gov.uk/HIAMP)



To report an issue with a road, cycleway or footpath please contact <https://my.trafford.gov.uk> or **03330 035865**