TMA Network Management Plan (NMP)

What is the purpose of this document?

All Highway Authorities have a legal requirement under the Traffic Management Act to produce and maintain a Network Management Plan. The overall outcome of the Plan is to set out a clear plan and provide evidence that the Local Authority is managing and mitigating congestion on the highway network. The Plan helps to define 'congestion' and disruption but in simple terms this means queuing and slow moving traffic.

The Network Management Plan encapsulates the day to day management of Statutory Undertaker works (gas, electricity, water and telecommunications) under the London Permit Scheme (LoPS). This system of all works in the highway being notified in advance through electronic notices ensures coordination of works to minimise the extent and duration of temporary traffic control

The Plan documents roles and responsibilities and organisational interfaces. It includes most importantly the Improvement Plan.

How will the Plan be used?

The Plan will:-

* maintain a view of congestion points on the LBB Network – Congestion Map

* maintain the Improvement Plan of schemes to address congestion

* maintain an Influence Points Connectivity Structure. All key stakeholders within the Council, Re. and externally, most notably Transport for London (TfL)

* structure the work programme for the TMA Management Project Board

How does the Plan improve service delivery?

* it ensures that LBB complies with an important statutory requirement under the Traffic Management Act.

* it captures the complete organisational perspective of key stakeholder influence points

* it helps ensure that potential long term congestion issues are appreciated and tackled at planning and development stage.

* it puts in place a clear performance management system through measurable transportation KPIs and an Annual Performance Report.

Who is Responsible for the Plan?

* Operational delivery of the Plan is the responsibility of the designated Traffic Manager. The Traffic Manager is Liam Davies.

Network Recovery Plan (NRP)

(Addendum to Highway Asset Management Plan (HAMP)

What is the purpose of this document?

Most Highway Authorities have a documented Highway Asset Management Plan but equally most Highway Authorities face significant issues formulating a financial plan that can tackle the backlog and keep pace with the rate of deterioration in the roads and pavements and other key assets such as drainage.

The Network Recovery Plan applies whole life costing and deterioration modelling to establish the most cost effective maintenance treatments.

How will the Plan be used?

The Network Recovery Plan is an operational plan set within the overall Highway Asset Management Plan. The principles contained in the NRP are used by the Asset Manager and the Highway Team to formulate planned maintenance programmes using a 'toolbox' of maintenance treatments.

The Plan draws upon condition data routinely collected and processed through a computerised Pavement Management System to output recommended programmes of work.

How does the Plan improve service delivery?

- transforms the service by increasing the proportion of planned maintenance and reducing more costly reactive patching maintenance by preventative treatments.

- produces a programme of maintenance that extends to an increased percentage area of the LBB carriage way and footway network i.e. the surfaces of more roads and pavements receive maintenance each year

- makes the optimum use of contemporary maintenance treatment 'toolbox ' – micro asphalts, preventative

- results in reduced service requests for highway maintenance and overall improvement in customer satisfaction

- offers opportunities to support a business case for investment funding and/or grant funding

Who is responsible for the Plan?

- The Re. Highway Asset Manager (Chris Chrysostomou) is responsible for delivery of the HAMP and the Network Recovery Plan.

Operational Network Hierarchy (ONH) Review

What is an Operational Network Hierarchy ?

All Highway Authorities need to categorise their highway network to be able to apply the Section 58 statutory defence through reasonable inspection systems and maintenance repairs. This helps to mitigate claim liabilities from damage or injuries.

Such systems need a clear basis for applying different inspection and maintenance expenditure plans to different parts of the carriageway and footway network. In simple terms the most used or most important routes will be inspected most frequently and require expenditure to be prioritised over less well used routes.

What is the purpose of this Review ?

Guidance is provided in the National Code of Practice (Well Maintained Highways) but the Code directs application of local factors to reflect local network characteristics.

The introduction of new electronic maintenance management systems coupled with mobile working offers an opportunity to incorporate process re-design to deliver operational efficiencies.

How will the Review be Used ?

- To ensure consistent application of risk related factors fairly and transparently to every part of LBB highway net work.

- To identify where scheduled highway inspections are most/least needed.

- To set out recommendations for a re-design of the highway inspection system to make the most efficient use of sources and

- Integrate with plans to introduce mobile working for inspections to improve flexibility

How does the Review Improve Service Delivery ?

- Managed budget expenditure is focussed to give the best value for LBB.

- Decision making for maintenance is logical and transparent borough-wide

- Clear risk analysis to inspection and repair procedures to help support LBB defence of third party claims

- Best practice approach to network management that LBB/Re can offer to other highway clients to grow services

- A dynamic system that can quickly adapt to changes in the network

Who is Responsible for the Review ?

The review is being undertaken as a Re. investment commitment using specialist support resources.

Development Design Guide

What is the Development Design Guide?

The Development Design Guide provides technical guidance to those with a need to carry out works on local public highway infrastructure within the Borough. It provides information on design standards expected of any works on the existing public / adoptable highway within the borough and for new planned highway infrastructure.
The Development Design Guide is a framework format document that summarises and 'signposts' relevant guidance in the form of documents or websites. It is a document that will form the template for a website that identifies the Council's specific requirements for local public highway infrastructure.

What is the purpose of the Design Guide?

The purpose of the Design Guide is to provide technical design standards for works on local public highway infrastructure. This is to ensure high standards are maintained in terms of design and durability and to mitigate the risk against claim liabilities that may arise from damage to local public highway infrastructure as well as sub-standard work. The Design Guide provides links to websites for additional information relating to local public highway infrastructure and provides information on what other national standards and guidance need to be observed.

How will the Guide be used?

- to provide a coordinated approach by Re. Highways, Planning and Regeneration to ensure the standard and consistency in the design of works carried out on existing public or adoptable highway within the Borough

- to ensure that works undertaken on local public highway infrastructure are constructed in a safe manner

- to support investment in the local highway infrastructure by streamlining process.

How does the Design Guide improve service delivery?

- draws together all key information into one readily accessible document owned and managed by the Re. multi-disciplinary project team

- establishes a platform to develop a web based service and premium customer service

- works undertaken to a suitable and consistent design and quality standard to give the best value for Borough through clear and common guidance relating to expected outcomes.

- facilitate continuous improvement to processes and procedures to deliver high quality outcomes for local public highway infrastructure

Who is responsible for producing the Development Design Guide?

Delivery and maintenance of the Developers Design Guide will be the responsibility of a Re joint service project team including designated principal managers from Highways, Planning and Regeneration.