



EXECUTIVE MEMBER DECISION

REPORT OF: Executive Member for Regeneration

LEAD OFFICERS: Director of Environment and Operations

DATE: 01/04/2019

PORTFOLIO/S AFFECTED: Regeneration

WARD/S AFFECTED: All

SUBJECT: Highway Maintenance Prioritisation Model

1. EXECUTIVE SUMMARY

This briefing paper describes the composition, structure and utilisation of a prioritisation model for highway capital maintenance schemes.

2. RECOMMENDATIONS

That the Executive Member:

1. Approves the highways prioritisation model.
2. Authorises its publication on the Council's website.
3. Authorises an annual review and development of the prioritisation model to ensure that it continues to reflect the needs of the network.

3. BACKGROUND

The authority's highway network demands significant and continuing maintenance to ensure that it remains fit for purpose. Determining which particular roads receive maintenance at any given time ensures that the budget is used in the most efficient manner. Techniques such as lifecycle planning are well established in the authority and have improved the quality of maintenance of the fabric of the highway. Until now proposed carriageway resurfacing schemes have been approved by the Executive Member based on unpublished models and analytical methods. These techniques have provided a forward works programme of up to two years and have been extended to include footways and cycle paths, street lighting and traffic signals. The assessment of highway structures has been developed separately and continues to provide a comprehensive works programme funded through the Local Transport Plan.

4. KEY ISSUES & RISKS

The model is described in detail in Appendix 1. It will act as a guide to engineers considering recommending resurfacing schemes to the Executive Member for inclusion in capital maintenance works programmes. Engineering staff will continue to consider all mitigating circumstances, enabling them to draft a proposed works programme that considers all parameters relevant to the maintenance of the highway network. A number of relevant criteria are assigned weighted attributes, the sum of the scores of these criteria is ranked and the highest scoring schemes are recommended for maintenance works. The criteria are described below, clearly the choice of criteria, attribute and the

assigned score are crucial to the efficient functioning of the model itself and the programme of schemes it produces. The costs of routine reactive maintenance are assessed separately to this direct model and may influence the final works programme if these costs appear to be disproportionately high. The model does not take into account the geographical position of the road within the Borough. The future plans of utility companies are taken into account when the initial list is produced. Given the range of scores available it is probable that a number of sites will have the same score; if there are insufficient funds to complete all these schemes engineering judgement will be used to determine which to recommend for maintenance.

Criteria, attributes and associated scores.

| Item | Criteria | Attribute | Score |
|------|--|------------------|-------|
| 1. | Condition. Video survey. | Grade 5, Black | 40 |
| | | Grade 4, Red | 30 |
| | | Grade 3, Amber | 20 |
| | | Grade 2, Yellow | 10 |
| | | Grade 1, Green | 0 |
| 2. | Road class. | A | 40 |
| | | B | 30 |
| | | C | 20 |
| | | U | 10 |
| 3. | Resilient Road. | Yes | 30 |
| | | No | 0 |
| 4. | Bus Route. | Yes | 30 |
| | | No | 0 |
| 5. | Amenity.eg. School, hospital, fire, ambulance, police station, sports ground, places of worship, bus & rail stations. | Yes | 30 |
| | | No | 0 |
| 6. | Skid Resistance, measured skid resistance less than required value by..... | 0.6 | 30 |
| | | 0.4 | 20 |
| | | 0.2 | 10 |
| | | 0 | 0 |
| 7. | Index of Multiple Deprivation Ranges between 19 in Whalley Banks and 31,142 in Edgworth, approx. 80 different values. | 1 to 10,000 | 30 |
| | | 10,001 to 20,000 | 20 |
| | | 20,001+ | 10 |
| | | | |
| 8. | Usage | Residential | 30 |
| | | Shopping | 20 |
| | | Industrial | 10 |

5. POLICY IMPLICATIONS

The prioritisation model compliments the existing asset management policy and strategy as well as the current lifecycle plans.

6. FINANCIAL IMPLICATIONS

This model will assist in the continuing improvement of the expenditure of the highways capital maintenance budget. It will allow the authority to improve the quality of maintenance at no additional cost.

7. LEGAL IMPLICATIONS

The Council has a duty under section 41 of the Highways Act 1980 to maintain the public highway network in a condition that is safe for users. This includes all roads, footways, footpaths and verges for which the highway authority has responsibility. The Act does not define what comprises maintenance nor does it set specific or minimum standards.

8. RESOURCE IMPLICATIONS

No additional internal resources are required to achieve the aims of this model.

9. EQUALITY AND HEALTH IMPLICATIONS

Please select one of the options below. Where appropriate please include the hyperlink to the EIA.

Option 1 Equality Impact Assessment (EIA) not required – the EIA checklist has been completed.

Option 2 In determining this matter the Executive Member needs to consider the EIA associated with this item in advance of making the decision. *(insert EIA link here)*

Option 3 In determining this matter the Executive Board Members need to consider the EIA associated with this item in advance of making the decision. *(insert EIA attachment)*

10. CONSULTATIONS

The Council has and continues to work closely with adjacent local highway authorities, namely Lancashire County Council and Blackpool Borough Council, sharing knowledge and improving techniques via the Local Council Roads Investment Group (LCRIG). The Council also works with innovative private sector companies to develop and implement maintenance solutions.

11. STATEMENT OF COMPLIANCE

The recommendations are made further to advice from the Monitoring Officer and the Section 151 Officer has confirmed that they do not incur unlawful expenditure. They are also compliant with equality legislation and an equality analysis and impact assessment has been considered. The recommendations reflect the core principles of good governance set out in the Council's Code of Corporate Governance.

12. DECLARATION OF INTEREST

All Declarations of Interest of any Executive Member consulted and note of any dispensation granted by the Chief Executive will be recorded and published if applicable.

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| VERSION: | 1 |
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| CONTACT OFFICER: | Matthew Joyce |
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| DATE: | 1 st April 2019. |
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| BACKGROUND PAPER: | Appendix 1 Highways Prioritisation Model. |
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