



Highway Maintenance Progress on £9million Investment

Communities Scrutiny Review Board
November 2021

Background

Using the asset management approach

- Consider the right intervention at the right place at the right time
- Consider whole life costs of the asset
- A mix of planned and preventative treatments
- To extend the life of an asset
- Using current condition surveys and lifecycle planning toolkits, we have calculated:

2021 Roads

**£40.5million
maintenance need**

2021 Footways

**£23.6million
maintenance need**

Annual Depreciation

**Roads - £5.5million
Footways - £1.5million**

Current allocation

**For 2022/23, currently proposed
£3.197m + any available
pothole grant funding**



Background

Based on data driven decision making, Council Cabinet awarded an additional £9million to provide improvements to the city's road and footway assets and help reduce the maintenance need.



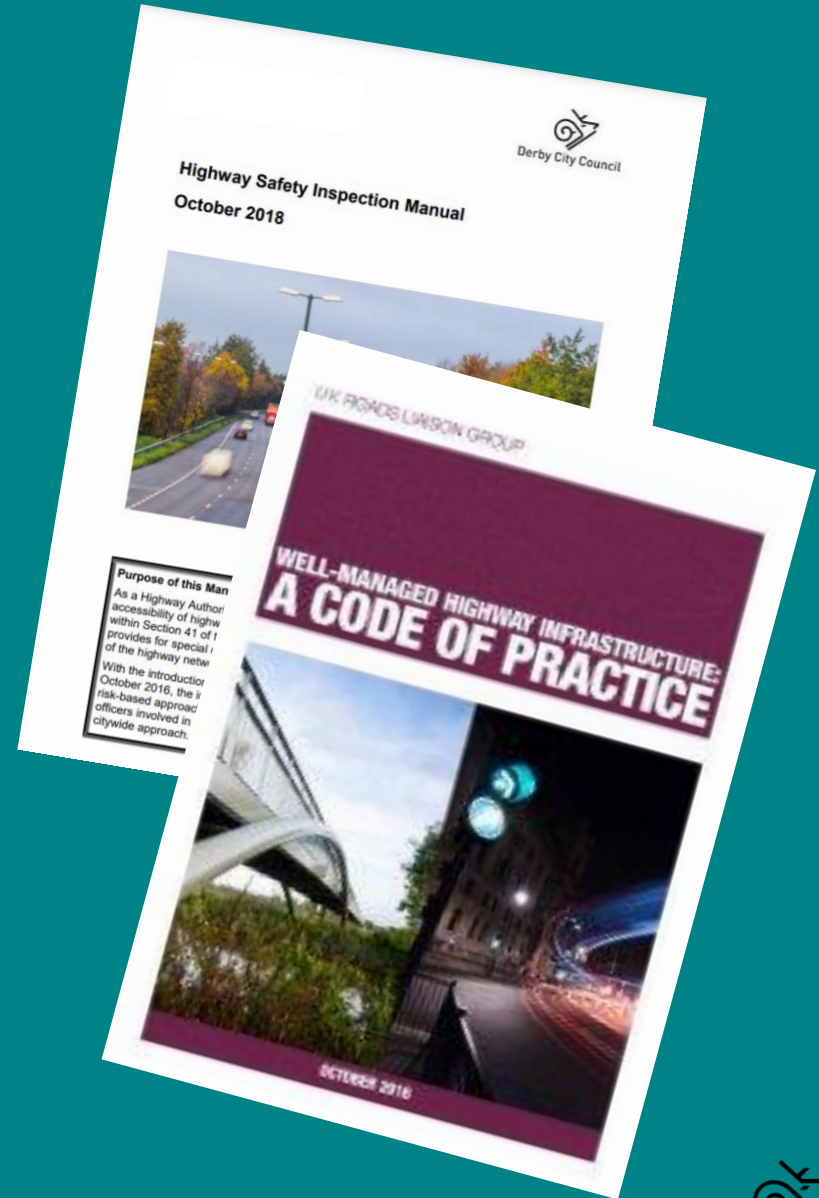
Background

Delivering best value by implementing change, a greater focus on 'in-house' delivery based on better informed forward planning and co-ordination.



An Asset Management Approach

Systematic and logical process in accordance with National Guidance



An Asset Management Approach

Full funding allocation from DfT is dependent on us demonstrating this approach and lifecycle planning is a key principle, which is expected as a minimum

Local Highways Maintenance Capital Funding Self-Assessment Questionnaire for the Incentive Fund



Highways Maintenance Efficiency Programme



Department
for Transport

1 Important information

1.1 What is the purpose of this questionnaire?

In December 2014, the Secretary of State for Transport announced that £6 billion will be made available between 2015/16 and 2020/21 for local highways maintenance capital funding. Of this, £578 million has been set aside for an incentive fund scheme, to reward councils who demonstrate they are delivering value for money in carrying out cost effective improvements.

Each local highway authority in England (excluding London) will be invited to complete a self-assessment questionnaire, in order to establish the share of the incentive fund they will be eligible for in 2016/17.

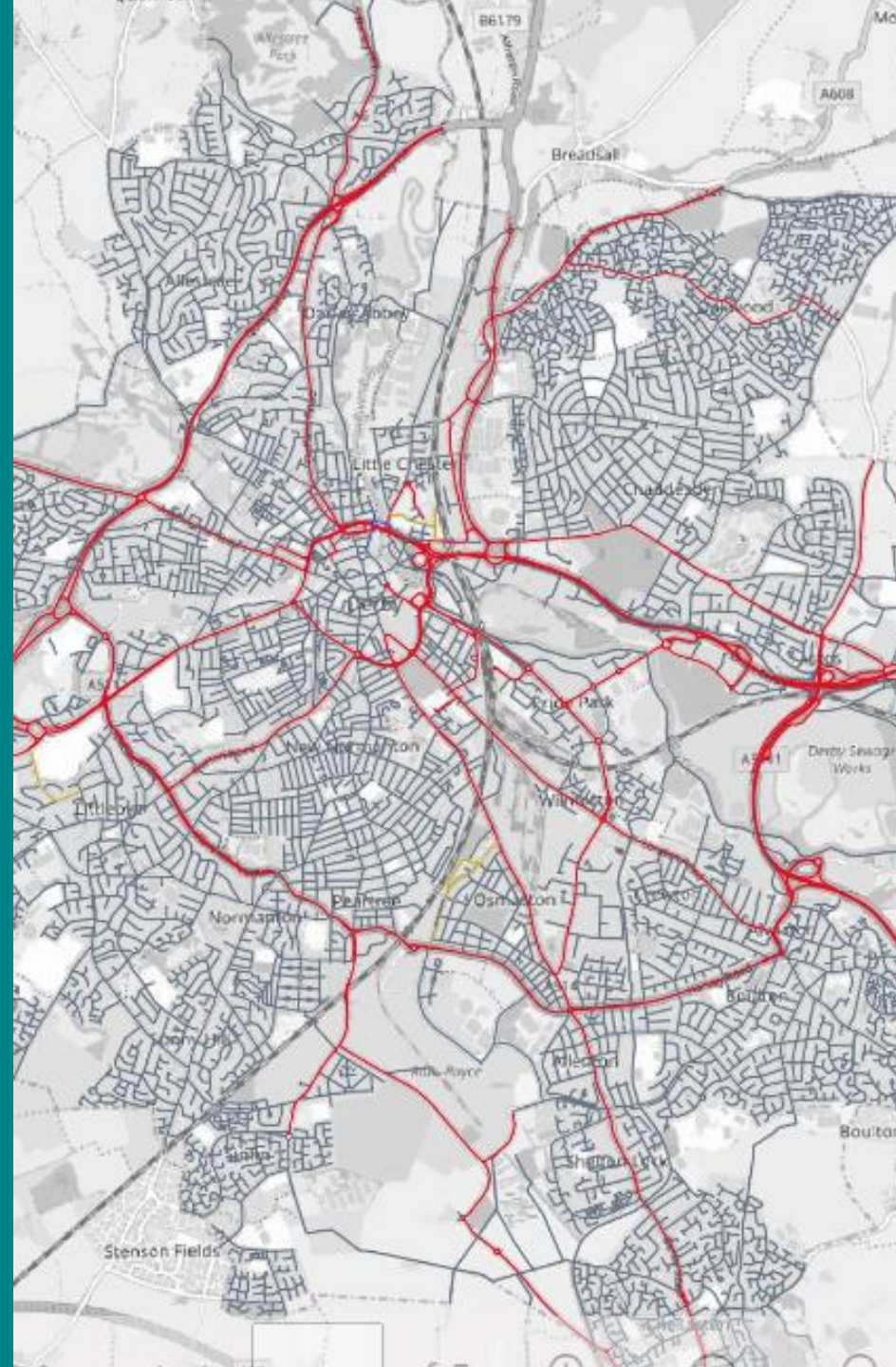
Local authorities are not competing with each other for funding, but are demonstrating that efficiency measures are being pursued in order to receive their full share of the funding.



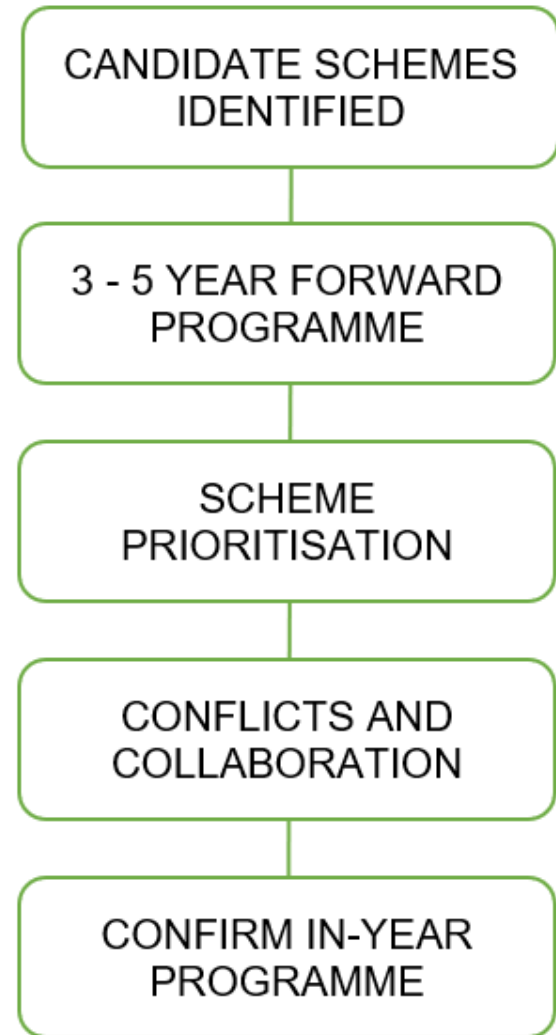
Derby City Council

An Asset Management Approach

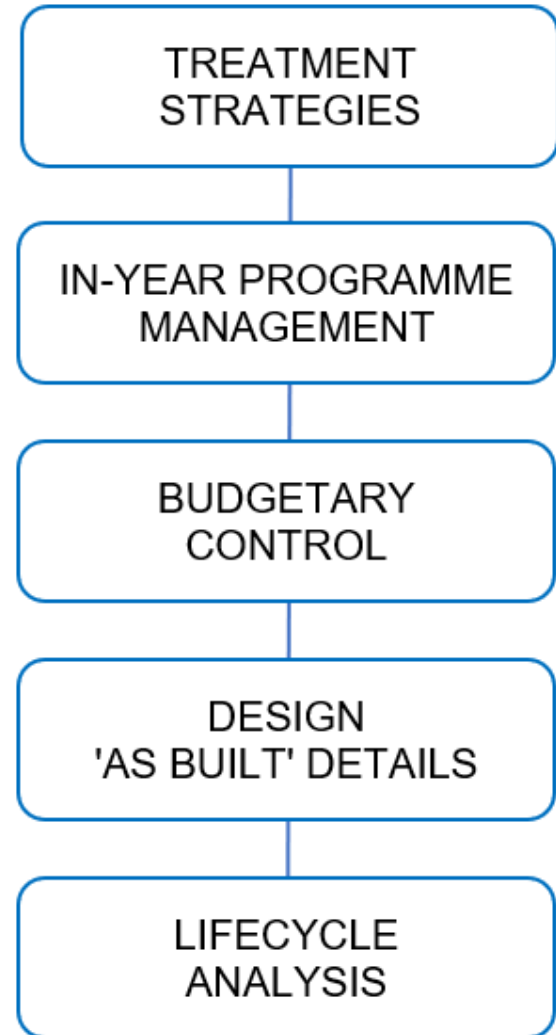
Development of a
Resilient Network and
Maintenance Hierarchies



Scheme Identification and Prioritisation



In Year Programme Management and Monitoring



Outputs and Outcomes

Development of 'in-house' operational delivery, changing attitudes with a new focus on local outcomes, providing value for money and investing to save

**Productivity
increased from
13,000m² to
60,000m² a
year**

**Delivered
£1.8million
of
improvement
s in 2020/21**

**Reduction in
reactive
gang
numbers**



Outputs and Outcomes

Programme delivery has resulted in a total investment of £13.1million since the start of 2020/21.

2020/21
£9million

2021 /22
£4.1 million to
date

£1 3.1 million
in total



Outputs and Outcomes

Further improvements to our service delivery by further embedding the risk-based approach to other service areas such as gully emptying.

Completion of two full gully asset inventory surveys before and after winter in 2020/21, identifying:



Approx. 42,000 gullies in total

14,000 gullies need to be cleansed on an annual cycle

18,000 gullies on a 2 year cycle (9k per year)

10,000 gullies on a 4 year cycle (2.5k per year)

Annually 25,500 gullies per year to be cleansed (approx.
106 gullies per day)



Outputs and Outcomes

The arboricultural team have undertaken an 'I Tree Eco Survey' to calculate asset value and stock of highway trees



- Establish parameters of survey
- Create database of assets including condition
- Calculate asset value, protect
 - the future



Going Forward

A full inventory of
carriageway and footways
condition to allow
effective programming
and planning of future
works, optimum
treatment at the optimum
time



Going Forward

Protection of assets from third party intervention, increased inspections of utility works in the highway, ensuring utilities carry out repairs at their cost



**392 carriageway
resurfacing schemes
delivered or
programmed in
2020/21 and 2021/22**



**43 footway resurfacing
schemes delivered or
programmed in
2020/21 and 2021/22**



**125 preventative
treatment schemes
delivered or
programmed in
2020/21 and 2021/22**



Winner of APSE Best Service Team for the delivery of 'in-house' highway maintenance works programmes



Celebrating Success ...

