

# PLACE SELECT COMMITTEE

Review of Highway Infrastructure  
Asset Management

17<sup>th</sup> May 2021

# Statutory Duties

- Highways Act 1980, Section 41 – Places a statutory duty on local authorities to maintain the highway at public expense.
- Highways Act 1980, Section 58 – Provides the Authority with a defence against claims for failure to maintain the highway.
- Traffic Management Act 2004 – Places a duty on local authorities to make sure traffic moves freely on the local road network.
- New Roads and Street Works Act 1991 – legislative framework for street works.
- Flood Water Management Act 2010 – Management of the risk concerning flooding and coastal erosion.
- Land Drainage Act 1991 – requires that a watercourse be maintained by its owner.



# 2020/21 Major Asset Inventory

883km (548 miles) Adopted Highway

- 215km (134miles) A, B and C class highways.



- 668km (415miles) unclassified highways.



# 2020/21 Major Asset Inventory

29,500 Street Lights



# 2020/21 Major Asset Inventory

## 411 Council Owned Structures

- 73 Road bridges
- 125 Foot bridges
- 123 Culverts (>0.9m)
- 54 Retaining walls (>1.5m)
- 7 Underpasses and Subways
- 29 Others (including Boardwalks)





# 2020/21 Major Asset Inventory

169 Traffic Signal Junctions / Pedestrian Crossings



# 2020/21 Major Asset Inventory

2,100 Illuminated Signs / Bollards





# 2020/21 Major Asset Inventory

196km (122 miles) Public Rights of Way





# 2020/21 Major Asset Inventory

43,000 Highway Gullies



# Asset Valuation

## Total Cost to Replace all Assets

Asset Type	Gross Replacement Cost (£)
Carriageways	£1,060,288,000
Footways / Cycleways	£167,896,000
Structures	£425,583,000
Street Lights	£51,524,000
Street Furniture	£15,761,000
Traffic Signals	£11,907,000
<b>Total</b>	<b>£1,732,959,000</b>



# Accumulated Depreciation

Cost to Bring All Assets from Existing to New Condition

Asset Type	Accumulated Depreciation Cost (£)
Carriageway	£80,635,000
Footways / Cycleways	£30,119,000
Structures	£166,119,000
Street Lights	£27,644,000
Street Furniture	£7,871,000
Traffic Signals	£5,090,000
<b>Total</b>	<b>£317,478,000</b>

# Maintain 'Steady State' Condition V Actual Budget

Asset Type	Required Steady State Funding (£)	Funding 2020/21 (£)	Funding 2021/22 (£)
Carriageway	£3,200,000	£1,864,086	£1,576,996
Footway	£562,000	£500,000	£460,000
Structures	£4,150,000	£1,944,005	£1,393,792
Street Lights	£1,156,000	£585,050	£384,548
Traffic Signals	£483,000	£587,755	£364,807
<b>Total</b>	<b>£9,551,000</b>	<b>£5,480,936</b>	<b>£4,176,143</b>



# Stakeholder Communication and Feedback

- Pre-scheme notifications.
- Bi-Annual National Highways & Transportation Surveys.
- Post scheme satisfaction questionnaire.
- SBC Resident survey.
- Attendance at local Ward Surgeries as required.
- Major Infrastructure Scheme – Communication Plans.
- Stockton News
- Social Media
- SBC Website

**Portrack Relief Road proposed**

People living and working in Stockton-on-Tees are being invited to see proposals to build a new Portrack Relief Road.

It would speed up journeys between Stockton and Middlesbrough by easing pressure on the A1045 through Stockton, reducing congestion at the Portrack Interchange and improving routes for cyclists and pedestrians.

You can see the plans online until Sunday 6 June. To find out more visit [www.teesvalley-ca.gov.uk/portrackreliefroad](http://www.teesvalley-ca.gov.uk/portrackreliefroad) or if you cannot access online please call 01642 524400.



**Mandale Bridge Improvements**

Essential maintenance work has begun to Mandale Bridge in Thornaby.

The scheme includes repairs to the underside of the bridge which will prolong the life of the structure for another 20-25 years.

It's expected that road closures will be needed from Monday 5 July until the August Bank Holiday weekend and during this period there will be traffic management systems in place around Mandale Triangle. The road closures will also mean vehicles won't be able to access Thornaby train station although you'll still be able to get to the station on foot.

For more information and a list of FAQs visit [www.stockton.gov.uk/mandale](http://www.stockton.gov.uk/mandale)



The document was classified as: OFFICIAL

Stockton-on-Tees Borough Council working with TARMAC

Dear Resident

**2021/2022 Highway Maintenance Customer Descriptive Study**

On    Date    between    Times    we will be resurfacing the road at    Address    between    and    Street   

This means that during the time here will be    Traffic management    in place.

The    Traffic management    be in place throughout the works and this to ensure work can be completed safely.

During this time you will have access to your property but the work may mean that, at times, there may be about restrictions.

To make sure we can work as quickly and as safely as possible, please make sure you remove any vehicles from the affected road by    Time.

The work should take    hrs    mins to complete.

If you have any questions or concerns about this work please contact us:

**Stockton Borough Council** 01642 525766 or 07939 686131  
 Email: [Stockton@tees.gov.uk](mailto:Stockton@tees.gov.uk)  
 Tony Burns - the Supervisor 0191 4242008 or 07733 012302  
 Kate McGrath  
 Steve Dadds

Report Damaged Roads, Paths, Potholes, Road Signs, Footpaths, Cycle Paths and Street Furniture

[View all forms](#)

**Issue**

Please select the option that best describes the issue you are reporting.

My street nameplate is missing/damaged

Please note. We may not be able to contact you or help with your request for service if your contact details are not correct.

**Next**

# Hot Topics

## 'Hot' Topics Include:-

- Potholes
- Surface water ponding / drainage
- Day burning street-lights
- Street-lights not working
- Roadworks & traffic delays
- Footpath condition





# Key Challenges Moving Forward

- Challenging times ahead in terms of infrastructure asset management.
- Climate Change becoming more and more prevalent.
- Key focus is 'keeping the borough moving'.
- Communication with internal stakeholders and residents / businesses imperative moving forward.
- Major schemes (structures) will have major traffic impact but little visual benefit from a residential, travelling public perspective.
- Public awareness – getting the message 'out there' whilst trying to retain resident's satisfaction levels.
- Continually review / refine what we do to ensure maximising efficiencies.
- Ensure bidding for additional funding at every opportunity.
- Use of new technology & more sustainable materials.

# Overall Aims of the Review

- Provide an overview of the responsibilities and challenges in managing the Highways Infrastructure Asset, including a focus on potholes and surface water flooding.
- Will evaluate the opportunities for maintaining the Highways Infrastructure Asset as efficiently as possible, both now and in the future, set within a context of increasing demands, financial pressures and climate change.
- Trying to influence Cabinet, Council, Tees Valley Combined Authority and Government.

# Key Lines of Enquiry

- What are the most common problems, how have they changed over time?
- How is funding allocated, how has it changed and how will funding affect asset condition if the budget remains the same?
- What is SBC Highway Infrastructure Routine Safety Inspection regime?
- How do SBC consult/communicate with residents about asset issues, how is the information utilised and what is this telling us?
- How will climate change impact asset condition moving forward?
- How does SBC infrastructure asset management policies compare with other local authorities?
- Could advances in new technology, new materials be utilised to improve the quality of assets in the long term?
- What could be done if SBC provided additional funding to repair/maintain and what opportunities for invest to save are there?
- What are the infrastructure asset priorities moving forward and how can the Committee help to deliver on them through their recommendations?