# 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.



883km (548 miles) Adopted Highway

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

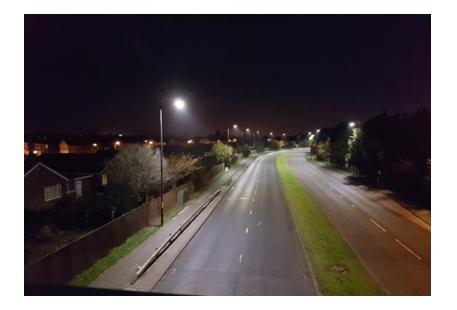


• 668km (415miles) unclassified highways.





#### 29,500 Street Lights









#### 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)









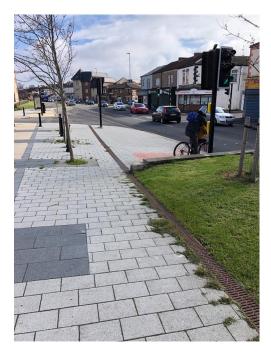






169 Traffic Signal Junctions / Pedestrian Crossings









#### 2,100 Illuminated Signs / Bollards







#### 196km (122 miles) Public Rights of Way



















#### 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
Total	£1,732,959,000



### **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
Total	£317,478,000



This document was classified as: OFFICIAL

### 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
Total	£9,551,000	£5,480,936	£4,176,143



### **Stakeholder Communication and Feedback**

- Pre-scheme notifications. •
- Bi-Annual National Highways & Transportation Surveys. ٠
- Post scheme satisfaction questionnaire. ۲
- SBC Resident survey. ٠
- Attendance at local Ward Surgeries as required. ٠
- Major Infrastructure Scheme Communication Plans. •

You can see the plans online until Sunday 6 June. To find

or if you cannot access online please call 01642 524400.

- Stockton News ٠
- Social Media
- SBC Website •



has begun to Mandale Bridge in Thornaby

ut more visit www.teesvalley-ca.gov.uk/portrackreliefroad The scheme includes r rs to the underside of the bridge which will prolong the life of the structure for another 20-25 behave ad lities earlied has made have a the July until the August Bank Holiday weekend and during is naried there will be traffic management systems i place around Mandale Triangle. The road closures will al n vehicles won't he able to access Thomaby train stat although you'll still be able to get to the station on foot. For more information and a list of FAQs visit

ww.stockton.gov.uk/mandale









Stockton-on-Tees				
	working with			
Dear Resident				
2021/2022 Highway Maintenance Carrispowry Resurfacing Works				
OnDate betweenTenes we will be resultacing the road at				
This means that during this time there will be				
The				
During this time you will still have access to your property but the work may mean that, at times, there may be short 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 byTime				
The work should take $xx$ days to complete.				
If you have any questions or concerns about this work please contact us:				
Stockton Borpush Council Steven Dodds - Principal Engineer	01642 526766 or 07909 686131			
Tarrac Tony Burna – Site Supervisor	0191 4924008 or 07753 813202			
Kind regards				
Steve Dodds				

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





# **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?

