

TITLE OF REPORT: Highway Maintenance Capital Programme 2016/17

REPORT OF: Paul Dowling, Strategic Director, Communities & Environment

Purpose of the Report

1. This report seeks approval for a programme of capital funded highway maintenance schemes in 2016/17.

Background

2. The Council's capital programme for 2016/17 includes an allocation of £2,662,000 for the structural maintenance of roads and maintenance of bridges as part of the delivery of the Local Transport Plan. These allocations are used to refurbish adopted roads and highway structures in accordance with the principles outlined within the Council's highway asset management plan.

Proposal

3. Lists of schemes have been prepared in line with these allocations and are detailed in tables 1 to 6 in Appendix 2.
4. Location plans for the proposed schemes are attached at Appendix 3.

Recommendations

5. It is recommended that Cabinet:
 - (i) approves the proposed programmes of refurbishment works for 2016/17; and
 - (ii) authorises the Service Director, Transport Strategy awards the relevant highway works to the Service Director, Construction Services under the terms of the Highways, Drainage & Street Lighting Maintenance Contract, the balance to the annual road surfacing contractor, the annual road surface dressing contractor, the principal bridge inspections to a suitable consultant through the NEPO Framework Agreement for Transportation & Civil Engineering Consultancy and to seek tenders for the specialist concrete bridge contractors;
6. For the following reasons:
 - (i) To continue to address the backlog of deterioration of roads and footways throughout the borough;
 - (ii) To maintain the bridges in a safe and serviceable condition.

Policy Context

1. The proposals are in line with Vision 2030, and in particular support the creation of sustainable and thriving communities, and prosperous communities with a focus on creativity and the environment. The proposals also support the local development framework and the Tyne & Wear Local Transport Plan (LTP).

Background

2. The Council's capital programmes for 2016/17 include LTP funded allocations totalling £2,662,000 for the structural maintenance roads and for the maintenance of bridges as part of the LTP. These allocations are used to refurbish adopted roads and highway structures in accordance with the principles outlined within the Council's highway asset management plan.
3. From 2016/17 LTP highway maintenance allocations include an element of performance funding based on a Department for Transport asset management appraisal. This sees some of the funding allocated on an authority's categorisation of performance in one of three bands. For 2016/17 the assessment for Gateshead places it in band 2, meaning that there should be no loss of funding this year. However failure to attain the highest performance rating (band 3) will see increasing amounts of funding put at risk in future years.
4. Road condition survey information, bridge inspection reports and the lists of outstanding schemes have been used to prepare a programme of works in line with the allocations. The latest local carriageway condition survey data indicates that approximately 9% of Gateshead's roads require structural repairs (resurfacing). The proposals seek to ensure that roads and footways are maintained in compliance with the statutory duty (Highways Act 1980 Section 41) to maintain adopted highway.

Consultation

5. The Cabinet Members for Environment and Transport and councillors in whose wards the works are proposed have been consulted. No adverse comments have been received

Alternative Options

6. There are other similar roads throughout the borough in need of refurbishment. The proposed programmes have been chosen from lists of outstanding highways maintenance schemes, the roads concerned being amongst those considered to be in most urgent need of treatment.

Implications of Recommended Option

7. Resources

- a) **Financial Implications** – The Strategic Director, Corporate Resources confirms that the proposed capital investment can be accommodated from within the LTP allocation set out in the Council's approved capital programme.

Where changes are identified to the delivery plans set out within the indicative programme, alternative schemes will be accelerated where possible in order to maximize the benefit of the resources that have been identified to support investment in the Council's highway infrastructure.

- b) **Human Resources Implications** – Nil.

- c) **Property Implications** – Nil.

8. Risk Management Implications – Nil.

9. Equality & Diversity Implications – Nil.

10. Crime & Disorder Implications – Nil.

11. Health Implications – Nil.

12. Sustainability Implications – The proposed works will preserve the integrity and improve the appearance of the affected highways.

13. Human Rights Implications – Nil.

14. Area & Ward Implications – The affected wards are shown in Appendix 2.

Background Information

15. The following background information has been used in preparing this report:

- (a) lists of outstanding highway maintenance schemes;
- (b) road condition data;
- (c) bridge inspection reports.

Table 1a: Works – Classified & Bus Routes (non-residential roads)

Scheme No.	Location	Description of Works
Principal Roads		
2016/SMP/01	A695 Chainbridge Road / Derwenthaugh Road , Derwenthaugh	Resurface carriageway
2016/SMP/02	A167 Tyne Bridge Approach Southbound , Gateshead	Reconstruct / resurface carriageway
2016/SMP/03	A184 Felling Bypass , Heworth	Reconstruct / resurface carriageway
Other Roads		
2016/SM/01	B6317 Main Street , Crawcrook	Resurface carriageway
2016/SM/02	B6316 Whaggs Lane , Whickham	Reconstruct / resurface carriageway
2016/SM/03	B6316 Sunniside Road , Sunniside	Resurface carriageway
2016/SM/04	B6317 Whickham Highway , Dunston Hill	Resurface carriageway
2016/SM/05	B601 Lobley Hill Road , Bensham	Resurface carriageway
2016/SM/06	C324 Kingsway South , Team Valley	Reconstruct / resurface carriageway
2016/SM/07	C314 Chowdene Bank , Chowdene & TVTE	Reconstruct / resurface carriageway
2016/SM/08	Coatsworth Road , Bensham	Resurface carriageway
2016/SM/09	B1426 Sunderland Road , Gateshead	Resurface carriageway
2016/SM/10	B1296 Old Durham Road , Sheriff Hill	Resurface carriageway
2016/SM/11	C319 Coldwell Lane , Felling	Resurface carriageway
2016/SM/12	C330 Vigo Lane , Birtley	Reconstruct / resurface carriageway

Table 1a: Works – Classified & Bus Routes (continued)

Scheme No.	Location	Description of Works
Other Roads (continued)		
2014/SM/13	B1288 Portobello Road , Birtley	Resurface carriageway
2016/SM/14	Grange Road , Heworth	Resurface carriageway
2016/SM/15	Structural Patching (to complement surfacing schemes)	Carriageway repairs near resurfacing schemes
2014/SM/16	Highway Drainage Works (to complement surfacing schemes)	Drainage repairs near resurfacing schemes
2014/SM/17	Minor Works (various locations – poor weather failures)	Resurface carriageway
Reserve Schemes (to be included if the main programme cannot be completed)		
2016/SMP/R01	A692 Lobley Hill Road , Lobley Hill	Reconstruct / resurface carriageway
2016/SM/R01	C324 Kingsway South , Team Valley	Reconstruct / resurface carriageway
2016/SM/R02	Nest Road , Felling	Resurface carriageway
2016/SM/R03	B1426 Sunderland Road , Heworth	Reconstruct / resurface carriageway

Table 1b: Costs – Classified & Bus Routes (non-residential roads)

Scheme No.	Title	Ward	Area	Cost £k
Principal Roads				
2016/SMP/01	A695 Chainbridge Road / Derwenthaugh Road , Derwenthaugh	Blaydon	West	43
2016/SMP/02	A167 Tyne Bridge Approach Southbound , Gateshead	Bridges	Central	77
2016/SMP/03	A184 Felling Bypass , Heworth	43Pelaw & Heworth	East	90
Technical Costs				10
Subtotal 1				220
Other Roads				
2016/SM/01	B6317 Main Street , Crawcrook	Crawcrook & Greenside	West	47
2016/SM/02	B6316 Whaggs Lane , Whickham	Whickham North, Dunston Hill & Whickham East	Inner West	43
2016/SM/03	B6316 Sunniside Road , Sunniside	Whickham South & Sunniside	Inner West	72
2016/SM/04	B6317 Whickham Highway , Dunston Hill	Dunston Hill & Whickham East	Inner West	22
2016/SM/05	B601 Lobley Hill Road , Bensham	Lobley Hill & Bensham	Central	48
2016/SM/06	C324 Kingsway South , Team Valley	Lamesley	South	99
2016/SM/07	C314 Chowdene Bank , Chowdene & TVTE	Lamesley, Low Fell, Chowdene	South	35
2016/SM/08	Coatsworth Road , Bensham	Saltwell, Bridges, Lobley Hill & Bensham	Central	63
2016/SM/09	B1426 Sunderland Road , Gateshead	Bridges	Central	51
2016/SM/10	B1296 Old Durham Road , Sheriff Hill	High Fell	South	57
Technical Costs				27
Subtotal 2				564

Table 1b: Costs – Classified & Bus Routes (continued)

Scheme No.	Title	Ward	Area	Cost £k
Other Roads (continued)				
2016/SM/11	C319 Coldwell Lane , Felling	Felling, Windy Nook & Whitehills	East	53
2016/SM/12	C330 Vigo Lane , Birtley	Birtley	South	49
2016/SM/13	B1288 Portobello Road , Birtley	Lamesley	South	30
2016/SM/14	Grange Road , Heworth	Pelaw & Heworth	East	55
2014/SM/15	Structural Patching (to complement surfacing schemes)	–	–	100
2014/SM/16	Highway Drainage Works (to complement surfacing schemes)	–	–	50
2014/SM/17	Minor Works (various – poor weather failures)	–	–	50
Technical Costs				19
Subtotal 3				406
Subtotal 2				564
Subtotal 1				220
Total				1190

Table 2a: Works – Rural Roads (surface dressing)

Scheme No.	Location	Description of Works
2016/SD/01	C302 Lead Road , Greenside	Surface dress, prepatch & edge improvement
2016/SD/02	Greenhead Road , Chopwell	Surface dress, prepatch & edge improvement

Table 2b: Costs – Rural Roads (surface dressing)

Scheme No.	Title	Ward	Area	Cost £k
2016/SD/01	C302 Lead Road , Greenside	Chopwell & Rowlands Gill, Crawcrook & Greenside	West	70
2016/SD/02	Greenhead Road , Chopwell	Chopwell & Rowlands Gill, Crawcrook & Greenside	West	50
			Technical Costs	6
			Total	126

Table 3a: Works – Unclassified (residential roads & non-bus routes)

Scheme No.	Location	Description of Works
2016/MP/01	School Lane , High Spen	Resurface carriageway
2016/MP/02	Orchard Road , Rowlands Gill	Resurface carriageway
2016/MP/03	Park View , Winlaton	Resurface carriageway
2016/MP/04	Cowen Road , Blaydon	Resurface carriageway
2016/MP/05	Brewery Bank , Swalwell	Resurface carriageway
2016/MP/06	Buttermere Avenue , Whickham	Resurface carriageway & renew footways
2016/MP/07	Chepstow Gardens , Bensham	Resurface carriageway
2016/MP/08	East Park Road , Saltwell	Resurface carriageway
2016/MP/09	Colton Gardens , Beacon Lough	Resurface carriageway
2016/MP/10	Hylton Street , Gateshead	Resurface carriageway & renew footways
2016/MP/11	Edward Road , Birtley	Resurface carriageway
2016/MP/12	Davidson Street , Felling	Reconstruct / resurface carriageway
2016/MP/13	Windermere , Vigo	Resurface carriageway & renew footways
2016/MP/14	The Paddock , Leam Lane	Resurface carriageway & renew footways
2016/MP/15	Plantation Grove , Pelaw	Reconstruct / resurface carriageway
Reserve Schemes (to be included if the main programme cannot be completed)		
2016/MP/R01	Victoria Garesfield , Rowlands Gill	Resurface carriageway
2016/MP/R02	Ely Street , Gateshead	Resurface carriageway
2016/MP/R03	Lobley Gardens , Lobley Hill	Resurface carriageway

Table 3b: Costs – Unclassified (residential roads & non-bus routes)

Scheme No.	Title	Ward	Area	Cost £k
2016/MP/01	School Lane , High Spen	Winlaton & High Spen	West	14
2016/MP/02	Orchard Road , Rowlands Gill	Chopwell & Rowlands Gill	West	22
2016/MP/03	Park View , Winlaton	Winlaton & High Spen	West	16
2016/MP/04	Cowen Road , Blaydon	Blaydon	West	24
2016/MP/05	Brewery Bank , Swalwell	Whickham North	Inner West	11
2016/MP/06	Buttermere Avenue , Whickham	Dunston Hill & Whickham East	Inner West	33
2016/MP/07	Chepstow Gardens , Bensham	Lobley Hill & Bensham	Central	18
2016/MP/08	East Park Road , Saltwell	Saltwell	Central	34
2016/MP/09	Colton Gardens , Beacon Lough	Chowdene	South	24
2016/MP/10	Hylton Street , Gateshead	Bridges	Central	18
2016/MP/11	Edward Road , Birtley	Lamesley, Birtley	South	37
2016/MP/12	Davidson Street , Felling	Felling	East	40
2016/MP/13	Windermere , Vigo	Birtley	South	52
2016/MP/14	The Paddock , Leam Lane	Windy Nook & Whitehills	East	31
2016/MP/15	Plantation Grove , Pelaw	Pelaw & Heworth	East	19
2014/SM/16	Structural Patching (to complement surfacing schemes)	–	–	50
2014/SM/17	Minor Works (various – poor weather failures)	–	–	50
Technical Costs				25
Total				518

Table 4a: Works – Back Lanes

Scheme No.	Location	Description of Works
2016/BL/01	Whittonstall Terrace / Ravenside Terrace, Chopwell	Resurface carriageway
2016/BL/02	Hood Street, Swalwell	Resurface carriageway
2016/BL/03	Parsons Gardens / Tyndal Gardens / Barry Street, Dunston	Resurface carriageway
2016/BL/04	Prince Consort Road / Camborne Grove, Gateshead	Resurface carriageway
2016/BL/05	Durham Road, Low Fell	Resurface carriageway
Reserve Schemes (to be included if the main programme cannot be completed)		
2016/BL/R01	Nell Terrace / Margaret Terrace, Highfield	Resurface carriageway

Table 4b: Costs – Back Lanes

Scheme No.	Title	Ward	Area	Cost £k
2016/BL/01	Whittonstall Terrace / Ravenside Terrace, Chopwell	Chopwell & Rowlands Gill	West	12
2016/BL/02	Hood Street, Swalwell	Whickham North	Inner West	6
2016/BL/03	Parsons Gardens / Tyndal Gardens / Barry Street, Dunston	Dunston & Teams	Inner West	15
2016/BL/04	Prince Consort Road / Camborne Grove, Gateshead	Saltwell	Central	18
2016/BL/05	Durham Road, Low Fell	Low Fell	South	9
			Technical Costs	5
			Total	65

Table 5a: Works – Bridges

Scheme No.	Location	Description of Works
Principal Roads		
TS0329	A695, A167	Major Concrete Repairs
–	A167 Tyne Bridge	Principal bridge inspection
Other Roads		
TS0278	Various Rail Overbridges	Principal bridge inspections
TS0279	Various Road Underbridges	Principal bridge inspections
–	C322 Swing Bridge	Major steelwork repairs
TS0329	Various Road Bridges	Major concrete repairs

Table 5b: Costs – Bridges

Scheme No.	Title	Ward	Area	Cost £k
Principal Roads				
TS0329	Major Concrete Repairs	Blaydon, Chowdene	West, South	355
–	Tyne Bridge; Principal Inspection	Bridges	Central	30
Other Roads				
TS0278	NR Overbridges Principal Inspections	Various	Various	110
TS0329	Road Bridges; Principal Inspections	Various	Various	60
–	Swing Bridge; Major Steelwork Repairs	Bridges	Central	32
Total				587

Table 6: Costs Summary

Works	Cost £k
Classified	1190
Rural	126
Unclassified	518
Back Lanes	65
Bridges	587
LTP Monitoring	133
	Total 2619

