

HIGHWAY MAINTENANCE UPDATE 2024/2025

Report of Executive Director of City Development

1. Purpose of the Report

- 1.1 To update the Committee on progress with regards to the planned Highway Maintenance (including Bridges) and Integrated Transport Capital Programme for 2024-2025.

2. Background

- 2.1 The proposed capital funding allocations for the Highway Maintenance, Bridge Maintenance and Integrated Transport programmes for 2024-2025 were approved by full Council on 28th February 2024. On 14 March 2024, the Cabinet received and approved an update on the proposed programmes of work to be undertaken during 2024/2025 including any schemes deferred from the 2023-2024 programme. This programme will enable the necessary, design, procurement and construction works on the schemes.

3. Programmes of Work

- 3.1 Officers have prepared a detailed Highway Maintenance Capital Programme based on a prioritisation process, which has drawn information from condition assessments, traffic volumes, public and member reports and accident claim analysis. In addition, the five Area Neighbourhood and Community Boards were consulted, and selected based on local priorities and approximately 25% of the Local Transport Block maintenance allocation, several streets to be recommended to the Area Committees for inclusion in the 2024-2025 Highway Maintenance Programme.
- 3.2 The Bridge Maintenance schemes have been prioritised based on condition, the time since the last major maintenance was undertaken and the road classification.
- 3.3 The Integrated Transport Capital Programme has been developed in line with the Local Transport Plan priorities and includes schemes to assist in Road Safety, Speed and Traffic Management, Accessibility and Modal Change.
- 3.4 The schemes are set out in the attached appendices as listed below:
- Appendix 1- Highway Maintenance Capital Programme 2024-2025;
 - Appendix 2 - Amendments to the Highway Maintenance Capital Programme 2023-2024;

- Appendix 3- Bridge Maintenance Capital Programme 2024-2025;
- Appendix 4 - Amendments to the Bridge Maintenance Capital Programme 2023-2024;
- Appendix 5- Integrated Transport Capital Programme 2024-2025; and
- Appendix 6- Amendments to the Integrated Transport Capital Programme 2023-2024.

4. Programme Delivery

- 4.1 Highway Maintenance: - The Council's Highway Operation Team will undertake scheme design, footway and localised road reconstruction works, small scale patching together with some residential road resurfacing works. However, most of the road resurfacing will be delivered by the Council's framework surfacing contractor, supplemented by specialist surface treatment firms, under the supervision of Highway Operations' staff.
- 4.2 Bridge Maintenance: -Works will be carried out by specialist external contractors following a competitive tendering process.
- 4.3 Integrated Transport (IT): -The Council's Highway Operations Team will be undertaking the civil engineering elements of these schemes with the Regional Traffic Signals Group assisting where appropriate. It is likely that Aurora, the Council's Street Lighting and Highway Signs PFI Operator, will be involved in road signing together with the Council's framework surfacing contractor under the supervision of Highway Operations' staff.
- 4.4 It should be noted that Programme delivery can be affected by:
- the need to undertake statutory and public consultations where required, particularly in relation to the IT Programme;
 - availability of design and construction resources;
 - favourable weather conditions; and
 - Statutory Undertakers (SUs) and the level of planned activity they have scheduled in each of our programmed streets. Officers within Transport and Infrastructure continue to have regular dialogue with the SU representatives to ensure co-ordination of all works and to mitigate the risk of any conflicts.
 - Increases in material cost and availability.
- 4.5 Graham Carr (Asset and Network Manager) and Tim Smith (Group Engineer) will be in attendance to update the Committee and answer questions.

5 Recommended

- 5.1 That the Committee consider and comment on the progress with regards to the Highway Maintenance Capital Programme 2024/25.

**APPENDIX 1: Highway Maintenance Capital Programme 2024-2025
COALFIELD AREA**

Those streets denoted in bold throughout Appendix 1 represent the locations selected at the Area Neighbourhood and Community Boards and recommended for approval by Area Committees.

Principal Roads

Road Number	Road Name	Ward	Treatment
A182	Mill Terrace	Shiney Row	Resurface road
A182	Newbottle Street	Houghton/Copt Hill	Resurface road

Other Classified Roads

Road Number	Road Name	Ward	Treatment
B1286	Colliery Lane	Hetton	Resurface road
B1404	Lake Road	Copt Hill	Hard paving of verge
C517	Burdon Lane	Copt Hill	Resurface road
C517	Sedgeleth Road	Houghton	Resurface road
C518	Black Boy Road	Houghton	Resurface road
C518	Redburn Row	Houghton	Resurface road
C523	The Quay-Park View	Hetton	Resurface road

Unclassified Roads

Road Name	Ward	Treatment
Hangman's Lane	Copt Hill	Resurface road

Lake Road- Market Place	Copt Hill	Hard pave verge
Lawnswood	Copt Hill	Resurface road
Long Fellow Street	Copt Hill	Resurface road
Low Downs Road	Copt Hill	Resurface road
Road Name	Ward	Treatment
Brickgarth	Hetton	Resurface road
Girven Terrace	Hetton	Resurface road
Grassmere Avenue	Hetton	Resurface road
Moorsley Road junction Ennerdale	Hetton	Localised patching
Pemberton Bank	Hetton	Reconstruct steps
South Street	Hetton	Resurface road
Wear Street	Hetton	Resurface footway
Blind Lane	Houghton	Reconstruct road
Byland Close	Houghton	Resurface road
Littleburn Close	Houghton	Resurface road
Mulberry Way	Houghton	Joint repair
Eden Terrace - rear	Shiney Row	Resurface road
Fenton Terrace	Shiney Row	Resurface road
Freezemore Road	Shiney Row	Hard pave verge
Front Street	Shiney Row	Footway overlay

Rainton Street	Shiney Row	Footway overlay
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APPENDIX 1: EAST SUNDERLAND AREA

Principal Roads

Road Number	Road Name	Ward	Treatment
A1018	St Nazaire Way	Ryhope	Resurface road
A1018	Stockton Road	Ryhope	Resurface road
A690	Durham Road	Millfield	Resurface road

Other Classified Roads

Road Number	Road Name	Ward	Treatment
B1286	Doxford Park Way	Doxford	Resurface road
B1286	Tunstall Village Green	Doxford	Resurface road
B1287	Sea View	Ryhope	Resurface footway
B1293	High Street East	Hendon	Resurface road
B1522	Stockton Road - northbound	Ryhope	Resurface road

Unclassified Roads

Road Name	Ward	Treatment
Craigwell Drive	Doxford	Resurface road
Elsdonburn Road	Doxford	Resurface Road

Merrington Close	Doxford	Resurface road
Mill Hill Road	Doxford	Overlay footpath
Moorside Road	Doxford	Resurface road

Rachel Close	Doxford	Resurface road
Treecone Close	Doxford	Resurface road

Road Name	Ward	Treatment
Avon Street - part	Hendon	Resurface Road
Barbara Street	Hendon	Resurface Road
Cairo Street- Rear East-Phase 1	Hendon	Resurface road
Cairo Street- Rear East-Phase 2	Hendon	Resurface road
Cross Place	Hendon	Resurface road
Cuba Street -(east back)	Hendon	Resurface road
Hastings Street - Rear West	Hendon	Resurface road
High Street East	Hendon	Resurface road
High Street East-Rear North	Hendon	Resurface road
Holyrood Road	Hendon	Resurface road
Lawrence Street	Hendon	Renew footway
Manila Street- Rear East	Hendon	Resurface road
Matanzas Street	Hendon	Resurface road

The Promenade	Hendon	Resurface road
Stratford Avenue	Hendon	Resurface road
Chester Terrace North - Rear South	Millfield	Resurface road
Clifford Street - part	Millfield	Resurface road

Close Street - part	Millfield	Resurface road
Howarth Street – Rear East	Millfield	Resurface road
Granville Street	Millfield	Resurface road
Rosslyn Terrace (East)	Millfield	Resurface road
Westbury Street - Rear East	Millfield	Resurface road
Road Name	Ward	Treatment
Athol Gardens	Ryhope	Resurface Road
Fee Terrace- Phase 1	Ryhope	Resurface Road
North View	Ryhope	Resurface road
Ronaldsay Close	Ryhope	Resurface road
Ryhope Road- Rear East	Ryhope	Resurface road
Salterfen Road	Ryhope	Resurface road
Viewforth Road	Ryhope	Resurface road
Wellmere Road - Ph1	Ryhope	Resurface road

Azalea Avenue	St Michael's	Resurface Road
Bainbridge Holme Close -part	St Michael's	Resurface Road
Hillside	St. Michael's	Resurface road
Larkfield Road	St. Michael's	Resurface road
Sea View Road - Ph1	St.Michael's	Resurface road
Thornhill Park	St.Michael's	Resurface road
Tunstall Vale	St.Michael's	Resurface road
Westheath Avenue	St.Michael's	Resurface road

APPENDIX 1 (Continued) NORTH SUNDERLAND AREA

Principal Roads			
Road Number	Road Name	Ward	Treatment
A183	Whitburn Bents Road- phase 1	Fulwell	Resurface road
A183	Whitburn Bents Road – phase 2	Fulwell	Resurface road

Other Classified Roads			
Road Number	Road Name	Ward	Treatment
B1291	Southwick Road	Southwick	Resurface road
B1291	Thompson Road	Southwick	Renew footway
C507	Hylton Castle Road	Castle	Resurface road
C508	North Hylton Road	Southwick	Resurface road
C510	Sea Road	Fulwell	Resurface road

Unclassified Roads			
Road Name	Ward	Treatment	
Ernwill Avenue	Castle	Resurface road	
Lowry Road	Fulwell	Resurface road	
Rydal Mount	Fulwell	Resurface road	
Brunswick Road	Redhill	Resurface road	
Keith Square	Redhill	Overlay footway	
Watford Close	Redhill	Renew footway	
Bright Street	St Peter's	Resurface road	
Hartington Street	St Peter's	Resurface road	

Eastbourne Square	Southwick	Resurface road
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APPENDIX 1 (Continued) WASHINGTON AREA

Principal Roads			
Road Number	Road Name	Ward	Treatment
A182	Washington Highway- Chartersheugh	Washington East	Resurface road
A182	Washington Highway- Northbound- Slip road-Bonemill Lane	Washington East	Resurface road
A182	A194 roundabout - part	Washington West	Resurface road
A195	Northumberland Way – Biddick to A182	Washington East	Resurface road

Other Classified Roads			
Road Number	Road Name	Ward	Treatment
B1288	Springwell Road	Washington West	Resurface road

Unclassified Roads			
Road Name	Ward	Treatment	
Biddick Lane	Washington Central	Resurface road	
Biddick Village - shops- rear	Washington Central	Resurface footway	
Cleeve Court	Washington Central	Resurface footway and road	
Station Road - rear	Washington Central	Resurface road	
Titchfield Road	Washington Central	Resurface road	
Washington Town Centre- Galleries South Access	Washington Central	Resurface road	

Bonemill Lane- eastbound	Washington East	Resurface road
Bonemill Lane- New Road	Washington East	Resurface footway
Newriggs	Washington East	Reconstruct walls
Wilden Road	Washington East	Resurface road
The Oval	Washington North	Resurface road
Spout Lane	Washington North	Localised machine Patch
Road Name	Ward	Treatment
Sulgrave Road	Washington North	Resurface road
Birtley Road	Washington South	Reconstruct footway
Castle Road	Washington South	Resurface road
Crowther Road	Washington South	Resurface road
Office Row- rear	Washington South	Resurface road
Tilley Road-part	Washington South	Resurface road
Sedling Road-part	Washington South	Resurface road
Vigo Lane	Washington South	Resurface road
Winster - part	Washington South	Resurface road
Cambridge Avenue - rear	Washington West	Reconstruct road
Stonycroft	Washington West	Reconstruct road

APPENDIX 1 (Continued) WEST SUNDERLAND AREA

Other Classified Roads			
Road Number	Road Name	Ward	Treatment
B1405	Pallion New Road	Pallion	Resurface road
Unclassified Roads			
Road Name		Ward	Treatment
Barnes View		Barnes	Resurface road
Cleveland Road		Barnes	Joint repair
Ettrick Grove		Barnes	Resurface road
Plains Road		Barnes	Resurface road
West Hill		Barnes	Resurface road
Edwin Street		Pallion	Resurface road
Fordfield Road -Phase 1		Pallion	Resurface road
Fordfield Road -Phase		Pallion	Resurface road
Margaret Alice Street- Wilfred Streetrear		Pallion	Resurface road
Westmoor Road		Pallion	Resurface road
Brockenhurst Drive		Sandhill	Resurface road
Grindon Lane		Sandhill	Resurface road
Seven Oaks Drive		Sandhill	Resurface road
Tanfield Road		Sandhill	Resurface road

Road Name	Ward	Treatment
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Telford Road	Sandhill	Resurface road
Dipton Gardens-Harperley Drive	Silksworth	Resurface road
Durham Terrace	Silksworth	Resurface road
Londonderry Street	Silksworth	Resurface road
Quarry Road	Silksworth	Resurface road
Rutland Avenue	Silksworth	Resurface road
Ski View	Silksworth	Resurface road
Church Street	St Annes	Resurface road
Parkhurst Road-Portsmouth Road junction	St Annes	Resurface road
Pennywell Road	St Annes	Resurface road
Hill View	St Chads	Resurface road
Park Lea	St Chads	Resurface road

APPENDIX 2: Amendments to the Highway Maintenance Capital Programme 2023-2024

Classified Roads				
Road Number	Road Name	Ward	Treatment	Reason for Deferment
A1018	Commercial Road	Hendon	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
A1231	Sunderland Highway	Washington North	Road resurfacing	Programme Budget exceeded due to increase in material costs and availability of resource
A182	Houghton Road, Newbottle	Houghton	Overlay footway	Specialist contractor's resource issues and weather dependent

A182	Houghton Road- rear	Copt Hill	Overlay footway	Specialist contractor's resource issues and weather dependent
A182	Slip Road to Dairy Lane Interchange	Copt Hill	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
A183	Chester Road	Shiney Row	Footway overlay	Specialist contractor's resource issues and weather dependent
A183	Chester Road	Barnes	Resurface footway	Programme Budget exceeded due to increase in material costs and availability of resource
A183	Chester Road/ Springwell Road rbt	Barnes/ Pallion	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
B1405	Toll Bar Road/ Leechmere Road rbt	Ryhope	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
C511	Hylton Road – o/s 427	St Anne's	Carriageway patching	Programme Budget exceeded due to increase in material costs and availability of resource
C512	Kayll Road	Pallion	Carriageway patching	Delayed due to conflict with utility works
C524	Elemore Lane	Hetton	Overlay footway	Specialist contractor's resource issues and weather dependent

COALFIELD AREA - UNCLASSIFIED ROADS

Road Name	Ward	Treatment	Reason for Deferment
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Black Boy Road – phase 1	Houghton	Resurface road	Housing Developer works
Blind Lane	Houghton	Retaining Wall design	Change to design solution
Hangman's Lane	Copt Hill	Road resurfacing	Programme Budget exceeded due to increase in material costs and availability of resource
Mardale Street	Hetton	Reconstruct carriageway	Further works required so works delayed until can be undertaken as one scheme.

NORTH SUNDERLAND AREA -- UNCLASSIFIED ROADS

Road Name	Ward	Treatment	Reason for Deferment
Dundas Street	Fulwell	Resurface road	Further works required so works delayed until can be undertaken as one scheme
Moreland Street	St. Peters	Overlay footway	Specialist contractor's resource issues and weather dependent
Ringway	Castle	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
Swan Street – North - part	Southwick	Overlay footway	Swan Street – North - part
Swan Street – South - part	Southwick	Overlay footway	Swan Street – South - part

WASHINGTON-- UNCLASSIFIED ROADS

Road Name	Ward	Treatment	Reason for Deferment
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Albany Way	Washington West	Overlay footway	Specialist contractor's resource issues and weather dependent
Birtley Road	Washington South	Overlay footway	Specialist contractor's resource issues and weather dependent
Bridekirk - part	Washington West	Footway overlay	Specialist contractor's resource issues and weather dependent
Byland Court	Washington Central	Overlay footway	Specialist contractor's resource issues and weather dependent
Cambridge Avenue Rear	Washington West	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
Danby Close	Washington South	Overlay footway	Specialist contractor's resource issues and weather dependent
Eddison Road	Washington East	Resurface road and footway	Further works required so works delayed until can be undertaken as one scheme.
Mount Lane – Phase1	Washington West	Resurface road	Housing Developer works- Carry out in conjunction with Phase 2
Mount Lane- Phase 2	Washington West	Road resurfacing	Works by Northumbria Water
Pipershaw	Washington West	Overlay footway	Specialist contractor's resource issues and weather dependent
Vigo Lane	Washington South	Footway overlay	Specialist contractor's resource issues and weather dependent

WEST SUNDERLAND AREA - UNCLASSIFIED ROADS

Road Name	Ward	Treatment	Reason for Deferral
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Colchester Terrace - Rear	Barnes	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
Front Road	Pallion	Resurface road	Programme Budget exceeded due to increase in material costs and availability of resource
Meldon Road	Pallion	Localised carriageway patching	Programme Budget exceeded due to increase in material costs and availability of resource
Palmstead Road	St. Anne's	Localised carriageway patching	Programme Budget exceeded due to increase in material costs and availability of resource

APPENDIX 3 - Bridge Maintenance Capital Programme 2024-2025

These are schemes added to the current programme. The reasons for this are as follows:

Harbour View Bridge Maintenance – these works are to be carried out as part of the Dame Dorothy Street Cycle Way Scheme. The construction phase of the bridge maintenance scheme is planned to commence in Spring 2024.

Pallion New Road Waterproofing – these works are included in the programme as part of the European Way Cycle Way Scheme in 2024/2025.

A182 Bridges Maintenance Phase 3 – Chartershaugh and Bonemill Lane Bridges. Works to replace the expansion joints on Chartershaugh Bridge were planned in 2022/2023, however these works will now be carried out under the maintenance and waterproofing of A182 Bridges Maintenance Phase 3. Inspections, site investigations, feasibility and outline design have been carried out in 2023/ 2024. The detailed design and construction phase is planned to be carried out in 2024/2025.

A1018 Newcastle Road Bridge – The principal inspection of the bridge was carried out in 2023/24 and further investigation is ongoing to plan the works to the bridge span over the Metro. The feasibility and design of the repair works over the Metro (with liaison with Network Rail) is planned to be carried out in 2024/2025.

Bridge Name	Carries	Over	Treatment	Ward
Harbour View Bridge – part of Dame Dorothy Street Cycle Way	A183 Harbour View	Land	Maintenance	St. Peter's
Pallion New Road Bridge	B1405 Pallion New Road	Rail / Metro	Bridge Deck Repairs. Waterproofing	Pallion
A182 Bridges Phase 3	A182 Washington Highway	Various	Maintenance	Washington West
A1018 Newcastle Road Bridge	A1018 Newcastle Road	Rail / Metro	Bridge Deck Repairs	Southwick/ St. Peters
Northern Spire Bridge	A1231	River	Principal Inspections including Cable Stays and Associated Structures	Pallion/ Southwick
Various			PostTensioned Bridge Special Inspections	Citywide

Various			Half-Joint Special Inspections	Citywide
Various			Scour Risk Assessment	Citywide

APPENDIX 4: Amendments to Bridge Maintenance Capital Programme 2023/2024.

Unprecedented increases in costs in the construction industry have led to fewer schemes being delivered and hence some schemes having to be deferred to later years as funding becomes available.

Schemes will be reprogrammed according to risk to suit available funding to ensure the delivery programme is spent on those structures that are greatest in need.

Bridge Name	Carries	Over	Treatment	Ward	Reason for Deferral
A182 Bridge Maintenance Painting of Princess Anne Interchange and Bonemill Lane Bridges	A182 Washington Highway	Various	Maintenance	Washington East	Painting Works need to be carried out under a separate scheme due to increased cost and budget constraints
A1231 Footbridge Joint Replacement	Footway	A1231	Maintenance	Washington West, North	Due to budget constraints
Pallion/ New Road/ Trimdon Street	Pallion New Road	Land	Infill	Millfield	Due to budget constraints
Southwick Road Bridge	A1290 Southwick Road	Rail/ Metro	Footway Protection	Southwick	Due to budget constraints
Coal Bank Terrace	Moorsley Road	Footpath/ Rail Line	Maintenance	Hetton	Due to budget constraints

Harraton Bus Link Bridge	Sycamore Avenue	Footpath	Maintenance	Washington East, South	Due to budget constraints
Tunstall Road Bridges (East and West)	Tunstall Road	Rail/Metro	Maintenance	Millfield, St Peter's	Due to budget constraints
New Durham Road (North and South)	Durham Road	Rail/Metro	Maintenance	Millfield	Due to budget constraints
Low Barmston Access Bridge	Accommodation. Road	A1231	Maintenance	Washington North, East	Due to budget constraints

APPENDIX 5– Integrated Transport Capital Programme 2024-2025

Project	Wards	Description
20 mph zones	Various	Introduction of area residential 20mph zones – On going rolling programme
Community Parking Management Scheme (CPMS)	Various	Introduction of CPMS – ongoing programme, including development of next programme
Traffic Signal Improvements	Various	Assessment of existing junctions and improvements
Minor Scheme Programme	Various	Various minor road safety and accessibility schemes. On-going programme
Routes to Schools	Various	Improved accessibility for all on Routes to Schools across the City, Scheme to be a rolling year on year programme
Access for All	Various	Access for all to/from local facilities, public transport etc. Initial focus on local centres and around areas of higher density extra care/social housing, bungalows
TRO Group Order	Various	Various small traffic regulations grouped into one large order

North Area Improvements	Redhill	Traffic calming
20mph Zone interventions	Various	Further improvement to 20mph zone sites.
Road Safety Assessment Priority list	Various	Road safety assessment criteria providing locations for traffic calming schemes
Area Committee Support	Various	Funding to support area committee works
Port Access	Hendon	Improving access routes to the port
School Street Trial Phase 2 / Development of future schemes.	Various	School street pilot and development of future potential schemes
Moving Traffic Enforcement	Various	Improvements to moving traffic restrictions in preparation for enforcement powers.

APPENDIX 6- Amendments to Integrated Transport Capital Programme 2023/2024

Project	Comments
Area Committee support	Area funded schemes on going
Port Access	Extended feasibility timeframe

APPENDIX 7: 2024-2025 Programme Funding

The various programmes of work set out in Appendix 1, Appendix 3 and Appendix 5 will be funded from government grants and Council funding as detailed in the table below.

Funding Source	2024/2025 £'000
External Grants:	

Highways Capital Maintenance - Needs Element (Local Transport Block)	1,835
Highways Capital Maintenance Incentive Funding (Local Transport Block)	459
Pothole Funding (Grant)	1,835
Network North- Highway Maintenance	525
Highways Integrated Transport (Local Transport Block)	1,618
Nexus Allocation (NECA Grant)	42
Total External Grant Funding	6,314
Council Funding:	
Highways Assets	1,000
Bridges & Structures	1,000
Total Council Funding	2,000
Total Funding	8,314