

COMMITTEE	Communities, Housing & Infrastructure
DATE	18 March 2015
DIRECTOR	Pete Leonard
TITLE OF REPORT	Roads and Transport Related Capital Budget Programme 2015-2016
REPORT NUMBER:	CHI/15/129

1 PURPOSE OF THE REPORT

This report brings together the proposed roads and transportation programme from the approved Capital budgets for 2015/16. This is presented as a provisional programme. Members are asked to approve the specific schemes where detailed and the budget headings for the remainder. In addition provisional programmes for 2016/17 and 2017/18 are also included where possible. This report should be read in conjunction with Report EPI/14/128

2 RECOMMENDATIONS

1. The Committee approves the schemes listed in the Appendices as the detailed proposals for expenditure within budget heading
2. Approve expenditure under the Nestrans Capital and Revenue Programmes 2015/16;
3. Instruct appropriate officials to implement the detailed programme.
4. (i) Authorises the Director of Communities, Housing & Infrastructure, the Head of Public Infrastructure and Environment and the General Manager Operations, in connection with the attached programme, to undertake or instruct tendering procedures or competitive quotation procedures as appropriate to be carried out.

(ii) Grant approval to appropriate officers to award contracts on receipt of a valid tender submission subject to necessary funding in the approved revenue and capital budgets

(ii) exempts all such procedures and contracts from Standing Order 1(3) of the Council's Standing Orders relating to Contracts and Procurement"
5. Note the successful submission made on behalf of Aberdeen City Council to the 'Smarter Choices, Smarter Places' fund and approve officers to expend the funds as outlined in the proposed programme;
6. Note the submissions made on behalf of Aberdeen City Council to Sustrans Scotland's Community Links Fund 2015/16 and, should these be successful,

approve officers to expend the funds in accordance with the proposed programme of work.

7. Where traffic legislation is necessary, to approve the proposals in principle and instruct the appropriate officials to progress the necessary legal procedures.

Where no significant objections have been received at the statutory consultation or public advertisement stages to instruct the appropriate officials to implement the scheme, otherwise these would be reported back to future committee.

3. FINANCIAL IMPLICATIONS

This report recommends that the Council take advantage of a series of external funding opportunities for implementation of transportation projects in Aberdeen.

The proposed Nestrans and Sustrans CWSS projects will either be fully-funded from external sources (with no financial implications for the Council) or will add value to existing streams of work, with possible financial savings for the Council.

Projects under the 'Smarter Choices, Smarter Places' workstream require to be match-funded. This will be from a variety of sources - existing Council budgets (including staff time), Nestrans (via the Getabout partnership) and the private sector.

Expenditure will be in accordance with the Council's approved Capital budgets for 2015 - 2016.

4. SERVICE & COMMUNITY IMPACT

This report has no direct implications in relation to Equalities & Human Rights Impact Assessment.

The implementation of the programme will assist roads and footways within the City being maintained to an acceptable standard thus reducing the risk of injury to members of the public.

The proposals are in line with our Transportation Strategy to provide safe crossing, cycling and walking facilities and reduce traffic speeds thereby contributing to accident reduction across the City and improve safety for all road users.

The use of such funding will significantly enhance the Council's ability to meet the aims and objectives of the emerging Aberdeen Local Transport Strategy 2015-2020.

Aberdeen – the Smarter City

We will promote Aberdeen as a great place to live, bring up a family, do business and visit.

We will provide and promote a sustainable transport system, including cycling, which reduces our carbon emissions

Single Outcome Agreement, National Outcomes 5, 6, 10, 12, & 14

5. BACKGROUND/MAIN ISSUES

5.1

This report brings together, for members' information, the proposed programme for Capital Funding spend for both Roads and Transportation for 2015/2016 together with provisional reserve list programme for 2016/2017.

The provisional reserve programme for 2016/2017 will allow substitution of schemes should it not be possible to implement any of the proposed 2015/2016 schemes.

The appendices set out the proposed programme of works which will be funded through the approved Capital budgets of the Council together with linkages to the community action plans

Estimated Costs for the individual proposed works are included in the Confidential Report

Traffic Lights and Pedestrian Crossing: A Capital budget of **£450,000** has been allocated to allow the continued upgrade of the systems across Aberdeen, corridor delays are reduced by the upgrading of these outdated systems ensuring that there are no delays in obtaining outdated parts. This proposed programme of works and reserve programme are set out in **Appendix A**

Lighting Improvements: Planned lighting improvements have been allocated a capital budget of **£1,300,000**. The budget will be used, in the majority, for the replacement of lighting columns that have been identified as potentially dangerous or beyond their design life. All new street lights are being designed with energy reduction being a major consideration this reduces the energy bill and also lowers Aberdeen City Council's carbon footprint. Proposed programme and reserve programme for Street Lighting are in **Appendix B and C**.

Cycling Walking Safer Streets: A grant of **£338,000** has been awarded by the Scottish Government for Cycling Walking Safer Streets (CWSS) projects in Aberdeen. The programme for these works are detailed in **Appendix D** and will provide significant road safety benefits in an effort to achieve accident reduction as well as reduce the number and severity of injuries sustained in road traffic accidents across the city. All schemes will be implemented as soon as possible subject to the successful promotion of any required legislation. A requirement of this budget is that the spend on cycling schemes should be a minimum of 36% of the grant.

Road Safety Schemes: Included in CWSS Budget

Footway Resurfacing: A budget of **£508,000** has been allocated for footway resurfacing. The programme has been formulated on the basis of detailed surveys and targeted at footways categorised as being in a bad or poor condition. The

condition of sections of footway included in the programme are shown in the report under **Assessed Condition**, in order to maintain a standard level of comparison all footways have been assessed by the same person. The detailed programme is set out in **Appendix E**. A Reserve programme is given in **Appendix F**.

Carriageway Resurfacing: The Capital carriageway resurfacing programme has been allocated a budget of **£1,812,000**. The programme is generally prepared on the basis of the results of the road condition surveys of the existing infrastructure. The detailed programme is set out in **Appendix G**. A Reserve Programme is given in **Appendix H**.

Appendix M is the table showing the Road Condition Index(RCI) for the cities roads for the period 2013-2015, **Appendix N** is copy of the table showing the RCI for all Councils across Scotland with **Appendix O** Smarter Choices, Smarter Places Funding 2015/16 is shown in report EPI/14/128.

The condition of sections of carriageway included in the programme are shown in the report under **Assessed Condition**, in order to maintain a standard level of comparison all roads surfaces have been assessed to the same criteria. Due to many road surfaces have suffered continued deterioration since the Road Condition Survey was carried out staff will continue to reassess all roads, this reassessment could necessitate changes to the proposed programme during the financial year.

Drainage: A Capital Budget of **£90,000** has been allocated for the Drainage works, this programme is shown in **Appendix J**.

Road Sign Replacement: A Capital Budget of **£29,000** has been allocated for the Road Sign Replacement Programme.

Weak & Major Bridge Repairs: A Capital Budget of **£20,000** has been allocated for Weak Bridge Repairs and **£800,000** Major Bridge Works.

Flood Prevention Schemes: A Capital Budget of **£100,000** has been allocated for Flood Prevention Schemes.

The allocation to these monies is shown in **Appendix K** but as yet no programme of works has defined.

Appendix L is a summary of the proposed allocated spend

5.2 Nestrans Capital and Revenue Programmes 2015/16

5.2.1

5.2.1 The Nestrans Capital Programme for 2015/16 was approved by the Nestrans Board at their meeting of the 20th February 2015. A summary of the projects to be taken forward in Aberdeen City is provided below.

Strategic Road Capacity Improvements

New Common Database Platform

To install a common database which interfaces with current ITS (Intelligent Transportation Systems) in a more streamlined manner. This will allow for easier

integration with transport systems to the internet, better links and strategies for traffic signals, VMS (Variable Message Signs), journey time monitoring and bus strategies.

Strategic Network Modelling

Phased deployment of IP (Internet Protocol) CCTV along strategic corridors to enhance network monitoring and improve the ability to manage the strategic network. Phase 1 will consist of monitoring the A944, Lang Stracht and Westburn Road corridor.

Strategic Road Safety Improvements

In-depth accident study on key corridors

Staff time to review accident statistics in order to identify actions and route improvements.

Implementation of identified measures from key corridor accident study

These are likely to include improved road lining, replacement road studs, signing and lighting improvements.

Traffic Signals at Aberdeen Crematorium

Installation of traffic signals at junctions to assist vehicles and pedestrians entering and exiting the site and to improve safety.

Bus Safety Campaign

Provision of information and guidance for vehicles overtaking buses and pedestrian islands.

Absafe Contribution

Contribution to the charity Absafe's school safety interventions, including targeting indiscriminate parking outside schools.

Strategic Road Prioritised Maintenance

A96 West North Street

Upgrade lighting between Littlejohn Street and Mounthooly Roundabout.

Beach Esplanade

Contribution towards improved road surfacing, junction layout and lighting to improve safety at the Beach Ballroom.

Bus Stop Reconstruction

Reconstruction of carriageways at six bus stops on Union Street, King Street and Holburn Street.

Dyce Drive

Structural resurfacing of the carriageway in the vicinity of Aberdeen International Airport,

Bus Improvements

Kingswells Park and Ride Through Access

Contribution towards a Scottish Government Bus Investment Fund project to construct a through access for buses from the A944.

A944 Statutory Quality Partnership (SQP) Modelling

Modelling of options to improve journey time reliability along the proposed SQP corridor.

Aberdeen City and Shire Joint Bus Stop Improvements

Replacement and updating of timetable display cases in bus stops throughout the region to ensure compliance with equalities legislation.

Airport Bus Turning Circle

Construction of bus turning circle accessed from Foinavon Close.

Walking and Cycling

Robert Gordon University (RGU) to the Deeside Way

Identification of appropriate routes for pedestrians and cyclists and installation of signage.

Dyce Drive Feasibility Study

Feasibility study into a cycle route between Dyce Avenue and Kirkhill Place.

Bridge of Don to RGU Riverside Path Feasibility Study

Completion of feasibility and design of a pedestrian and cycle path. It is anticipated this will be match-funded by Sustrans Scotland via the Community Links Fund 2015/6.

Ellon Road Cycle Route Phase 2

Implementation of a shared use footway between the Parkway and Murcar Roundabout, including localised widening, resurfacing and the design and installation of a toucan crossing over the Parkway. It is anticipated this will be match-funded by Sustrans Scotland via the Community Links Fund 2015/6.

Parkway Cycle Route Phase 1

Implementation of a shared use footway along the south side of the Parkway between Whitestripes Avenue and Scotstown Road. It is anticipated this will be match-funded by Sustrans Scotland via the Community Links Fund 2015/6.

Formartine and Buchan Way – Access from the A947

Upgrade of the access point from the Formartine and Buchan Way from the A947 north of Riverview Drive, including resurfacing, footpath construction and lighting improvements. It is anticipated this will be match-funded by Sustrans Scotland via the Community Links Fund 2015/6.

Anderson Drive Cycle Route Phase 1

Implementation of a shared use footway along the western side of Anderson Drive between the Bridge of Dee Roundabout and Ruthriestone Road. This will include dome resurfacing and localised widening. An investigation will also be undertaken into the feasibility of upgrading the Broomhill Road roundabout to a signalised junction. It is anticipated that this will be match-funded by the Scottish Government's Smarter Choices, Smarter Places fund.

Anderson Drive Cycle Route Phase 3

Upgrade of the pedestrian crossing at Rubislaw Den South to a toucan crossing and redetermination of the footway as shared use to improve cycle access to the Hill of Rubislaw. An investigation will also be undertaken into the feasibility of upgrading the King's Gate roundabout to a signalised junction and potential cycle improvements to the Lang Stracht/Weestburn Road junction. It is anticipated that this will be match-funded by the Scottish Government's Smarter Choices, Smarter Places fund.

Cycle Improvements in Altens

Feasibility, design and possible implementation of cycle improvements around Altens and Wellington Road, with a focus on connections and improvements to the Shell path.

Freight

Howe Moss Road – Dyce Drive

Funding for ongoing legal discussions over land for increasing the radii at the junction to improve HGV turning manoeuvres.

Various

Moveable Variable Message Signs

Two full colour moveable VMS to enable safety messages to be displayed on key corridors,

Dyce Sustainable Travel Study

Feasibility study into sustainable transport infrastructure, design and costings (including bus shelters, Car Clubs, cycling, walking, rail connections and park and Choose connections). It is anticipated that this will be match-funded by the Scottish Government's Smarter Choices, Smarter Places fund.

Cross City Connections

Contribution towards a feasibility study (in line with the Council's Strategic Infrastructure Plan) to examine options for maximising connectivity between new development sites through the provision of fast, reliable, efficient and attractive public transport services, along with complementary benefits and improvements that can be achieved for active travel.

- 5.2.2 The Nestrans Revenue Programme for 2015/16 was also approved by the Nestrans Board in February. A summary of those projects relevant to Aberdeen City is provided below).

Public Transport

Park and Ride Operation and Infrastructure Study

A study into measures to facilitate the operation of park and ride services.

Project Feasibility and Monitoring

Bridge of Dee Study

Continuation of the Scottish Transport Appraisal Guidance (STAG) Part 2 study into improving conditions for transport on and around the Bridge of Dee.

Energetcia Peterhead/Fraserburgh to Aberdeen All Modes Study (£75,000)

A study into improving conditions for all modes of transport along the Peterhead/Fraserburgh to Aberdeen Energetic corridor.

Feasibility and Design of Locking in the Benefits

Identify, investigate and design improvements to the transport network to 'lock in' the benefits of the AWPR.

Assessment for City Centre Pedestrianisation

Assessment of options resulting from the City Centre Masterplan.

- 5.2.3 The expenditure from Nestrans in Aberdeen City during 2015/16 is anticipated to be £1,687,000 capital and £215,000 revenue.

5.3 Smarter Choices, Smarter Places

- 5.3.1 In June 2014, the Minister for Transport and Veterans announced funding of £5million for Smarter Choices, Smarter Places (SCSP) projects across Scotland in 2015/16. Administered by Paths for All, the programme is funded through Transport Scotland and aims to build on the learning from the SCSP pilot projects. The policy intent of the funding is to achieve modal shift to active and sustainable travel, reducing single car occupancy journeys. At present this is a one-year funded programme, with projects to be implemented during the 2015/16 financial year. The evidence from the achievements and outcomes of the programme will be key to securing funding in future years.
- 5.3.2 £208,000 was made available for Aberdeen City Council, although grants had to be formally applied for. Grant recipients are required to extend the impact of projects by match-funding the award by at least 50%. In-kind contributions of up to 25% of total project costs is acceptable. Proposals were required to provide evidence of partnership working, preferably with a range of partners and to encourage and promote active and sustainable transport as the entire focus of the initiative or as a significant element of the initiative. Eligible projects include: strategy development and implementation; travel planning implementation; social marketing; marketing, information and publicity; and integration with public transport/transport network. Infrastructure projects are outwith the scope of the fund, although expenditure on such projects can be used as a proportion of the match-funding.
- 5.3.3 Proposals required to be submitted by 30th January 2015. An application to the fund was therefore been submitted to Paths for All on behalf of the Council. This application was based on an intensification of travel planning activities throughout the City under the Getabout banner, including improvements to the Getabout website, increasing and enhancing events and promotions, and growing and promoting the Car Club. It is also proposed that a number of areas in the City (Dyce, Altens, Foresterhill and Hill of Rubislaw/Anderson Drive) be targeted for more intensive intervention. Match-funding sources identified include Nestrans, Co-Wheels, Scottish Enterprise, Abellio, bus operators, NHS Grampian and businesses in the target areas. A full list of projects submitted to the fund, along with anticipated costs and details of proposed match-funding, is included as

Appendix O to this report (all to be confirmed and to follow). At the end of February, officers were advised that the application had been successful

- 5.3.4 It is therefore recommended that Members note the successful submission made on behalf of Aberdeen City Council to the 'Smarter Choices, Smarter Places' fund and, should this be successful, approve officers to expend the funds as outlined in the proposed programme.

5.4 Sustrans Community Links Fund 2015/16

- 5.4.1 Sustrans Scotland's Community Links Programme provides grant funding for the creation of cycle network infrastructure for everyday journeys. The fund has been running since 2010 and has helped fund a number of projects in Aberdeen City to date, including improvements to the Deeside Way and Formartine and Buchan Way, implementation of the Ellon Road and Riverside Drive cycle routes, as well as elements of the Greenbrae Cycle Project. The programme is funded through the Transport Scotland team within the Scottish Government.

- 5.4.2 Eligible projects can encompass pre-construction (feasibility studies, design, community engagement, land negotiation, etc.), construction, or post-construction (signage, promotion and awareness-raising). All projects require a minimum of 50% match-funding from other sources. Applications for the 2015/16 fund were submitted in February 2015, with a decision expected by Sustrans by mid-April.

- 5.4.3 Proposals submitted to Sustrans Scotland for consideration were:

- Completion of a feasibility study into, and detailed design of, a pedestrian and cycle path along the River Dee between the Bridge of Dee and the Robert Gordon University campus at Garthdee
- Implementation of a pedestrian and cycle route along Ellon Road from the Parkway to Murcar roundabout, including installation of a toucan crossing over the Parkway);
- Implementation of a pedestrian and cycle route along the south side of the Parkway between Whitestripes Avenue and Scotstown Road and
- Upgrading the access point to the Formartine and Buchan Way from the A947, including resurfacing, footpath construction and lighting improvements

It is proposed that these projects be match-funded with the Nestrans Capital Programme 2015/15. In addition, the following projects were also submitted, to match-fund, and therefore add value to, already committed works from the Council's Non-Housing Capital Programme:

- Implementation of pedestrian and cycle facilities to accompany the Third Don Crossing
- Implementation of pedestrian and cycle facilities to accompany the A96 Park and Choose and Dyce Drive link road

Both of these will be match-funded with the Council's NHCP.

- 5.4.4 It is therefore recommended that Members note the submissions made on behalf of Aberdeen City Council to Sustrans Scotland's Community Links Fund 2015/16 and,

should these be successful, approve officers to expend the funds in accordance with the proposed programme of work.

- 5.4.5 Members are asked to note the work being carried out by staff, with respect to Audit Scotland's 2010 report "Maintaining Scotland's Roads" the work that is being carried out in collaboration with Audit Scotland, Improvement Services and the other 32 Councils to find solutions to Option 30 which was to 'Explore the optimum delivery of road maintenance services'. A link to both documents is given in Section 8

6. IMPACT

The contents of this report link to the Community Plan vision of creating a *sustainable City with an integrated transport system that is accessible to all*.

All of the projects referred to in this report will contribute to delivery of the Smarter Mobility aims of Aberdeen – The Smarter City: *We will develop, maintain and promote road, rail, ferry and air links from the city to the UK and the rest of the world. We will encourage cycling and walking, and we will provide and promote a sustainable transport system, including cycling, which reduces our carbon emissions*.

The projects identified in this report will assist in the delivery of actions identified in the Single Outcome Agreement (SOA) 2013, in particular the Thematic Priority of Safer Communities (Safer Roads) and the Multi-lateral Priority – Integrated Transport (Aberdeen is easy to access and move around in).

This report may be of interest to members of the public as it concerns various transport schemes taking place throughout the City which have the potential to affect all members of the travelling public.

An Equality and Human Rights Impact Assessment (EHRIA) has not been undertaken as the projects listed in this report flow from the RTS and the existing and emerging LTSS, all of which have, or will be, subject to their own EHRIs.

A Privacy Impact Assessment (PIA) has not been undertaken as implementation of the projects outlined in this report should not impact on the privacy of any individual.

7. MANAGEMENT OF RISK

Footway and cycleway improvements recommended in this report have no identified maintenance budget of their own and may therefore impact on the Council's maintenance budgets in the future. This represents a potential Hazard and Financial Risk to the Council. This will be minimised, however, by the use of high-quality design and installation materials to ensure longevity of new infrastructure. The risks of inaction (not improving and increasing pedestrian and cycle infrastructure) are also significant in terms of a poor quality environment, poor reputation for the City of Aberdeen and a decline in active travel which would have significant implications for the health and wellbeing of the citizens of Aberdeen (Opportunity, Environmental and Customer/Citizen Risks).



There are risks in promoting Traffic Regulation Orders due to possible public objection and this may delay the progression of some of the proposed schemes.

8. BACKGROUND PAPERS

http://www.audit-scotland.gov.uk/docs/central/2010/nr_110216_road_maintenance.pdf

<http://www.transportscotland.gov.uk/report/j234326-02.htm>

9. REPORT AUTHOR DETAILS

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Appendix A

ITS Unit Proposed Traffic Signal Refurbishment Programme 2015/16

Site	Installation	Type	Estimated Cost
Langstracht/Summerhill	Refurb'	Junction	
King Street/Beach Esplanade	Refurb'	Junction	
King Street/Don Street	Refurb'	Junction	
King Street/St Ninians	Refurb'	Pelican	
King Street/University Road	Refurb'	Pelican	
King Street/Seaton Drive	Refurb'	Pelican	
Dyce Drive/Howemoss Avenue	Refurb'	Junction	
Total			

Digital Communications Upgrade	Refurb'		
Total			£500,000.00

Reserve List

Site	Installation	Type	Cost
Carden St/Albert Pl	Refurb'	Junction	
Union Grove/St Swithen St	Refurb'	Junction	
Great Western Road/Holburn Road	Refurb'	Junction	
Great Western Road/Ashley Park	Refurb'	Junction	
Gallowgate near Seamount Court	Refurb'	Pelican	
Westburn Drive near Six Roads	Refurb'	Pelican	
Great Western Road near Mannofield	Refurb'	Pelican	
Wellington Road near AGIP (now Petrofac)	Refurb'	Toucan	
Total			£400,000.00

Appendix B
Proposed Capital Lighting Programme 2015-16

Scheme	Comments	Estimate
<u>8/10 m Height</u>		
Belmont Road	whole street - 2No cols	
Ferryhill Terrace	whole street - 4No cols	
Albyn Pl	rest of street - 13 cols	
North Deeside road	between Northcote Rd and Pitfodels Stn Rd 4No cols	
8/10m Total		
<u>5/6 m Height</u>		
Birkhall Area - Phase 1	replacement of corroded columns faulty underground cable network	
Kennerty Mills Rd	strainer poles+track	
FP-Gallowgate-loch st	strainer poles+track	
Queens lane South	strainer poles+track	
Forbesfield Lane	strainer poles+track	
Doolie Ness & Marchmont St Area Phase 1	replacement of corroded columns with folding columns 16	
Devanha Lane	replacement of corroded columns with folding Columns	
Footways / Resurfacing Contract		
5/6m Total		
Replacement of Corroded Columns	Final programme will depend on Structural Testing currently being carried out.	
Replacement of inefficient lanterns		
Total Capital Programme 2015/16		£1,300,000.00

Appendix C
Proposed Reserve Capital Programme 2014/15

Scheme	Comments	Estimate
<u>8/10 m Height</u>		
Great Western Rd - Ph 2 (Holburn Rd- Forest Ave)	Holburn St to Holburn Rd (16No cols) SSE	
Abbotswell Dr	rest of street (12cols)+track	
West North St	St Clair St to Mounthooly - 22 cols	
Mounthooly R/A	whole street - 18No cols	
Riverside Dr	rest of street - 22 cols	
Hammerfield Ave	change to 8m scheme(SSE)	
8/10m Total		
<hr/>		
<u>5/6 m Height</u>		
Davan Park Area	road columns completion from last year 20No	
Pittengullies Area, Peterculter	replacement of columns - 24	
Spital Walk	replacement of underground cable network	
Albert PI	upgrades	
Doolie Ness & Marchmont St Area Phase 1	replacement of columns with folding x 16	
Birkhall Area - Phase 2	replacement of columns faulty underground cable network	
5/6m Total		

Appendix D

CYCLING WALKING SAFER STREETS 2015 / 2016

			Estimate
Various locations across the City. Item No 051.	Small scale improvements to pedestrian crossing / Disabled Crossing points / Core Paths - Dropped kerbs and pedestrian guard-rails.	Budget of £25,000 for implementation at various locations City wide. Individual location assessment - Local Councillors to be kept appraised.	
Various locations across the City. Item No 052.	Publicity in relation to Promotion of Bike Week / Cycle Map / Zenith / Other Cycling Initiatives across the City / Green Transport Week / European Mobility week.	Budget of £1,000 to be spent City wide.	
Various locations across the City. Item No 053.	Cycling Facilities /Links / Parking / Lining & Signing throughout the City to provide missing Links on the road network	Implementation at various locations City Wide. Discussions have been ongoing with the Cycling Forum to identify a series of improvements throughout the City. Some schemes may require the promotion of legislative procedures for a Traffic Regulation Order which may affect implementation.	
Various locations throughout the City Item No. 054	Small scale improvements to signing & lining, bollards, barriers and all new works associated with traffic management / traffic Orders and road safety.	Budget of £70,000 for implementation at various locations City wide. Individual location assessment - Local members to be kept appraised.	
Traffic Calming & Road Safety - Various locations throughout the City Item No. 055	Route action work on various rural routes and City wide locations that have been identified for improvements from the annual accident scan.	No detrimental implications.	
Various Safety Campaigns throughout the City (not site specific) Item No 056.	Publicity in relation to Road Safety Campaigns & Community Safety Safe Drive - Stay Alive Campaign.	Budget of £7,000 for Aberdeen City Contribution Local Transport Strategy Policy / Proposal SP1.	
Traffic Calming & Road Safety - Unclassified road between Dyce Drive & Bendauch Farm / Caskieben (Ph 3) Item No 57.	Route action - hazard marker posts & improvements to signing / lining.	Improvements to driver safety and speed reduction.	
Aberdeen City Council Road Safety Plan Item No 62.	Bi-annual review and publication of the Road Safety Plan. (Statistical update only - Aberdeen City)	Budget of £2,000 City wide Local Transport Strategy Policy / Proposal SP1.	
City Wide Item No 63.	Removal of existing "at any time" plates (Phase 4 and final)	This scheme requires to be completed ASAP as the existing signage must be removed to comply with current legislation.	

Various locations across the City. Item No.	Re-texturing of existing road surface at various locations / corners / junctions that have been identified as a concern from the annual accident scan	No detrimental implications	
Various locations across the City. Item No.	Specific Road Safety schemes - still to be identified Improvements to existing traffic signals / ped crossings / new puffins / Toucans	No detrimental implications	
		Total (CWSS)	£338,000

Appendix E

Draft Capital Footway Programme 2015-2016

Name of Road	Location and Description of Works	Assessed Condition	Estimated Cost
VARIOUS SITES	Tree Removals and Footway Reinstatements	10	
VARIOUS SITES	Small capital schemes individually under £10000 in value - both bitmac and slabbed/pavoi locations	10	
VARIOUS SITES	Grind tree stumps and reinstate footway in bitmac or slabs	10	
LOWER DENBURN	Repair retaining wall.Re-erect galvanised barrier on new coping.Reinstate narrow width between kerb and retaining wall.	10	
GRAY STREET	Phase 5 from No 21 to No 31. Relay stone kerbs and resurface footway in precast concrete slabs.	10	
MURRAY TERRACE	Phase 5 South Side from Polmuir Rd to opposite Bright St.(No 23/25) Relay stone kerbs and resurface footway in concrete slabs.	10	
BRIDGE STREET	East Side from Trinity Centre to Wapping Street. Relay stone kerbs and resurface footway with precast concrete slabs.Instal City Centre bollards.	10	
HOLBURN STREET	East Side from Nos 575/577 to Nos 587/593.Replace 3 sett kerbs with stone kerbs at crossings and resurface footway with precast concrete slabs.Resurface in front of Riverside Clinic and No 585 with bitmac.Instal 8 No Morpeth bollards.	10	
BON ACCORD STREET	East Side from Union Street to Langstane Place. Resurface footway with precast concrete slabs.Instal bollards.	10	
BON ACCORD STREET	West Side from Union Street to Langstane Place. Resurface footway with precast concrete slabs.Instal bollards.	10	
KIRKHILL ROAD(TORRY)	North Side from Ladywell Place to Gregness Gardens.Relay stone kerbs and resurface footway in bitmac.	10	
OYNE ROAD	South Side Renew kerbs and resurface footway in bitmac	10	
WILLOWPARK CRESCENT	South Side from Willowpark Road to opposite 136.Renew kerbs and resurface footway in bitmac.	10	
MORAY PLACE	West Side from Kings Gate to Carnegie Crescent. Renew kerbs and resurface footways with bitmac.	10	
KAIMHILL CIRCLE	Phase 1 Inner Section from No 4 to lane opposite Ruthrie Terrace..Relay stone kerbs and replace slabs with bitmac.	10	

£600,000

Appendix F

Footway Reserve List 2013-2014

Name of Road	Location and Description of Works	Assessed Condition	Estimated Cost
VARIOUS SITES	Tree Removals and Footway Reinstatements	10	
VARIOUS SITES	Small capital schemes individually under £10000 in value - both bitmac and slabbed/pavoi locations	10	
VARIOUS SITES	Grind tree stumps and reinstate footway in bitmac or slabs	10	
GRAY STREET	Phase 6 North Side from No 10 to No 32. Relay stone kerbs and resurface footway in precast concrete slabs.	10	
MURRAY TERRACE	Phase 6 North Side from Great Southern Rd to No 60/62. Relay stone kerbs and resurface footway in concrete slabs.	10	
KIRKHILL ROAD(TORRY)	South Side from Ladywell Place to Kirkhill Place.Relay stone kerbs and resurface footway in bitmac.	10	
PROVOST FRASER DRIVE	South Side from opposite No 12 to Upper Mastrick Way.Resurface sections of remote footway in bitmac.(Sections 8m, 176m, 105m and 48m long)	9	
DOMINIES ROAD	North Side from No 4 to Car Park entrance and short section o/s No 1.	9	
OSCAR ROAD	West Side from Grampian Place to Car Park o-p 61.(Excludes short section in front of Torry Neighbourhood Centre) Lay new K14 at rear of footway and resurface footway in bitmac.(Front kerbs ok)	9	
AULDEARN ROAD	South Side from Auldearn Gdns to Auldearn Lane. Renew kerbs and resurface footway in bitmac	9	
OYNE ROAD	North Side Renew kerbs and resurface footway in bitmac	9	
HOLBURN STREET	East Side.Entance to Talisman Oil to Holburn Bar excluding section recently completed outside Tesco Express.Relay stone kerbs and resurface footway with precast concrete slabs.Instal bollards.	9	
PROSPECT TERRACE	West Side.Replace flat granite kerbs with concrete kerbs and resurface footway in small element concrete slabs and block paving.	9	
STRATHMORE DRIVE	West Side from No 17 to Gadie Crescent.Renew kerbs and resurface footway in bitmac.	9	
MANOR WALK	West and North Side from Manor Avenue to opposite 17.Relay stone kerbs and replace slabs with bitmac.	9	
DUNBAR STREET	West Side from 59 to 73. Resurface footway with precast concrete slabs.Instal bollards.	9	
CAIRNWELL DRIVE	West Side from Birkhall Place to Cairnwell Avenue including remote loop.Renew kerbs and resurface footway with bitmac.	9	

KINKELL ROAD	West Side from Craigiebuckler Avenue to Kildrummy Road. Renew kerbs and resurface footways with bitmac.	9
WINDFORD ROAD	North Side Renew kerbs and resurface footway in bitmac	9
MANOR WALK	West and North Side from opposite 17 to Manor Drive.Relay stone kerbs and replace slabs with bitmac.	9
FERNHILL ROAD	North Side from no 16 (end of loop) to Fernhill Drive.Renew kerbs and resurface footway in bitmac.	9
ASHGROVE PLACE	South Side from No 2 to No 12.Renew kerbs and resurface footway with bitmac.	9
MOIR DRIVE	1 - 17/19 Moir Drive.Renew kerbs and resurface footway with bitmac.	9
KAIMHILL CIRCLE	Phase 2 Inner Section from lane opposite Ruthrie Terrace to No 72.Relay stone kerbs and replace slabs with bitmac.	9
TOLLOHILL GARDENS	North Side - East (Short) Section.Renew kerbs and resurface footways with bitmac	9

Current Footway Reserve List Total

£845,413

Appendix G

Capital Works Resurfacing List 2015-2016

Name of Road	Location & Description of Works		Assessed Condition	Estimated Cost
Balloch Way	Resurface Carriageway Riverview Drive to Netherview Avenue	2014	Red	
Carden Place	Junction with Albert Street. Resurface carriageway	2014	Red	
Russell Road	North Esplanade West to Poynerook Road Resurface Carriageway	2014	Red	
Goval Terrace	Netherview Avenue to School Access Resurface Carriageway	Visual Inspection	Red	
Craigshaw Drive	Craigshaw Place to Wiseman's entrance. Resurface carriageway	Visual Inspection	Red	
Market Street	Junction Virginia Street. Resurface Carriageway	2014	Red	
Beach Boulevard	Beach Ballroom Road Re-alignment and Carriageway Resurfacing	Visual Inspection	Red	
Westburn Road	Junction of Argyll Place. Resurface carriageway	2014	Red	
Kirkton Avenue	Lamp Post 6 to Pitmedden Road. Resurface carriageway	2012	Red	
Victoria Road	Menzies Road to Walker Road. Resurface carriageway.	2014	Red	
Victoria Road	Walker Road/Crombie Road junction. Resurface carriageway	2014	Red	
Baillieswells Road	Blacktop junction. Resurface carriageway	Visual Inspection	Red	
Baillieswells Road	Blacktop to forest walk car park. Resurface carriageway	Visual Inspection	Red	
Structural Repairs at Junctions	Various			
Contlaw Road	North Deeside Road to Culterhouse Road. Resurface carriageway	2014	Red	
Holburn Street	Riverside Place to South Anderson Drive. Resurface carriageway	2014	Red	
Strategic Bus Stops	Various Locations Partial Reconstruction	Visual Inspection	Red	
Bon Accord Street	Caledonian Place to Fonthill Road. Resurface carriageway	2014	Red	
Crombie Road/Sinclair Road	Resurface junction.	2014	Red	
Rubislaw Terrace	Resurface carriageway	2014	Red	
Union Street	Rose Street to Chapel Street. Resurface carriageway	2014	Red	
King George VI Bridge	North and southbound. Resurface carriageways and renew expansion joints.	2014	Red	
Broomhill Road	Holburn Street to Balmoral Place. Resurface carriageway	2014	Red	

Polmuir Road	Junction Fonthill Road. Resurface carriageway	Visual Inspection	Red
Dyce Drive	Various locations. Structural carriageway repairs	2011	Red
Hillylands Way	Croft Road to Fernhill Drive. Resurface carriageway	2014	Red
Hallfield Road	Springhill Road to Burnbrae Crescent. Resurface carriageway	2012	Red
Hammersmith Road	Great Western Road to Norfolk Road. Resurface carriageway	2012	Red
South Avenue Cults	Resurface carriageway	Visual Inspection	Red
Kepplehills Drive	Cloverfield Place to Kepplehills Road. Resurface carriageway	2014	Red
Earlspark Drive	Baillieswells Road to No.22 Earlspark Drive. Resurface carriageway	2013	Red
Upper Mastrick Way	Mastrick Road to Ugie Place. Resurface carriageway	2014	Red
Airyhall Road	Northcote Road to No. 16. Resurface carriageway	2013	Red
Beach Boulevard	Links Road to Beach Esplanade, Northbound. Resurface carriageway	Visual Inspection	Red
North Esplanade West	Southbound. Market Street to Queen Elizabeth Bridge. Resurface carriageway	2012	Red
Cove Road/ Loirston Road	Lampost No.3 to Redwood Crescent. Resurface carriageway	2014	Red
Clifton Road	Smithfield Lane to Anderson Road. Resurface carriageway	2014	Red
Total Capital Budget			£2,100,000
Various Locations	Thin overlays to housing estate roads		

Appendix H

Capital Works Resurfacing Reserve List 2015-2016

Name of Road	Location & Description of Works		Assessed Condition	Estimated Cost
Wales Street	Resurface Carriageway	Visual Inspection	Red	
Ruthrieston Road	Cul-de-sac to Ruthrieston Crescent Resurface Carriageway	2013	Visual Inspection	
Tedder Road	St Machar Drive to Harris Drive Resurface Carriageway	2013	Red	
Primrosehill Gardens	Clifton Road to Primrosehill Drive Resurface Carriageway	2013	Visual Inspection	
Netherview Avenue	Balloch Way/Princess Drive to Berrywell Walk Resurface Carriageway	2005	Red	
Granitehill Road	Provost Rust Drive to Cummings Park Crescent	Visual Inspection	Red	
Fraser Place	George Street to Causewayend Resurface Carriageway	2013	Red	
Riverview Drive	East of Overton Circle to Asda Junction at Netherview Avenue Resurface Carriageway	2008	Red	
Market Street	Commercial Quay to North Esplanade. Resurface carriageway.	2013	Red	
Pittodrie Street	Golf Road to King Street Resurface Carriageway	2011	Red	
Commerce Street	Virginia Street Junction Resurface Carriageway	2011	Red	
Union Glen	Resurface Carriageway	Visual Inspection	Red	
Craigshaw Drive	Robert Wiseman's entrance to Craigshaw Crescent	2013	Red	
Clifton Road	Great Northern Road to Leslie Road	Visual Inspection	Red	
North Deeside Road	Rob Roy Bridge to boundary		Red	
Victoria Street	Junction with Waverley Place		Red	
Carden Place	Queen's Cross to Prince Arthur Street	Visual Inspection	Red	
Powis Circle	Resurface Carriageway	Visual Inspection	Red	
Kirk Brae	North Deeside Road to Friarsfield Road	Visual Inspection	Red	
Friarsfield Road	Kirk Brae to Abbotshall Road	Visual Inspection	Red	
Hutcheon Low Drive	Resurface Carriageway	Visual Inspection	Red	
Laurel View	Resurface Carriageway	Visual Inspection	Red	
Woodside Road	The Parkway to Denmore Road	Visual Inspection	Red	
Scostown Road	Cameron Street to Gordon Place		Red	

Great Northern Road	Northbound carriageway Anderson Road to Haudagain Roundabout, Resurface Carriageway		Red	
Wellington Road	Northbound Soutarhead Road to Wellington Hotel Resurface carriageway	2013	Red	
Skene Road	Westbound Kingswells House to Backill of Brodiach Resurface carriageway	2013	Red	
Skene Road	Eastbound 5 Mile Garage to Kingswells House Resurface Carriageway	2013	Red	
Abergeldie Road	Holburn Street to Broomhill Road Resurface Carriageway	Visual Inspection	Red	
Deeside Crescent	Resurface Carriageway	Visual Inspection	Red	
Various Locations	Structural Repairs at Junctions			
			Total	£2,100,000

Appendix J

Capital Works Drainage Programme 2015-2016

Name of Road	Location & Description of Works	Estimated Cost
Polmuir Road	At old railway bridge abutment. Install new gullies	
Links Road	Drainage Improvement	
Wellington Road	Polwarth Road Install new gullies	
Hareness Road	At Wellington Road Roundabout Drainage Improvement	
Meston Walk	Drainage Improvement	
Brodiach Road	Drainage Improvement	
King Street	Lidl. Slow running gully	
North Deeside Road	Millside Junction Drainage Improvement	
Brig o' Balgownie	Investigate drainage and install new gullies if possible to resolve water issue at property adjacent to bridge.	
Various	Unallocated to Resolve Serious Flooding Issues Arising	
Various	Replacement of gullies	
Capital Works Drainage Programme 2015-2016 Total		£100,000

Appendix K

Capital Works Major Bridge Repairs

Location & Description of Works	Estimated ACC Share
A93 Culter Bridge Strengthening and Service Diversions.	£800,000

Capital Works Other Un-programmed Budgets

Road Sign Replacement:	£ 30,000
Weak Bridge Repairs:	£ 20,000
Flood Prevention Schemes:	<u>£100,000</u>
	<u>£150,000</u>

Appendix L

Summary

Capital Works Traffic Signal Refurbishment Programme:	£5000,000
Capital Works Lighting Programme:	£1,300,000
CWSS Capital Grant: Road Safety Programme:	£338,000
Capital Footway Resurfacing Programme:	£600,000
Proposed Capital Works Resurfacing Programme:	£2,100,000
Capital Works Drainage Programme:	£100,000
Capital Works Major Bridge Repairs:	£800,000
Capital Works Road Sign Replacement:	£30,000
Capital Works Weak Bridge Repairs :	£20,000
Capital Works Flood Prevention:	£100000
Total	£5,688,000

Appendix M

ABERDEEN CITY SRMCS RCI 2012-2014

System: WDM PMS
 Calculation Date: 14-July-2014
 Weighting Set ID: WSAIIClassesv0202
 From Date: 01 January 2013

System Version: 4.4.0

Run Identifier: SRMCS PI
 Report Run Date: 30 Sept 2014
 Rule Set ID: RP10.01
 To Date: 31 December 2014

SPI CARRIAGEWAY CONDITION INDICATOR 25.8%

<u>Environment</u>	<u>Class</u>	<u>Red</u>		<u>Amber</u>		<u>Green</u>		<u>Coverage</u>		<u>Network</u>
		km	%	km	%	km	%	km	%	km
Urban	A	2.389	2.48	17.609	18.28	76.268	79.23	96.256	188.37	51.1
	B	0.882	3.81	4.831	20.87	17.426	75.31	23.139	80.07	28.9
	C	1.394	3.26	6.684	15.63	34.688	81.1	42.766	96.98	44.1
	U	12.054	4.39	63.096	22.59	199.273	72.62	274.423	42.47	646.1
Rural	A	0.130	0.76	1.764	10.27	15.29	88.98	17.184	238.67	7.2
	B	0.327	2.15	3.002	19.78	11.853	78.07	15.182	99.23	15.3
	C	1.138	2.51	9.541	21.01	34.744	76.49	45.423	77.78	58.4
	U	0.868	3.06	5.701	20.13	21.762	76.81	28.331	64.10	44.2
Overall By Class	A	2.519	2.22	19.363	17.07	91.558	80.71	113.440	194.58	58.3
	B	1.209	3.15	7.833	20.44	29.279	76.40	38.321	86.7	44.2
	C	2.532	2.87	16.225	18.39	69.432	78.73	88.189	86.04	102.5
	U	12.992	4.27	68.797	22.73	221.035	73.021	302.754	43.86	690.3
Urban	All	16.719	3.83	92.200	21.12	327.655	75.05	436.584	56.68	770.2
Rural	All	2.463	2.32	20.008	18.86	83.649	78.82	106.12	84.83	125.1
All	All	19.182	3.53	112.218	20.68	411.304	75.79	542.704	60.62	895.3
<u>Environment</u>	<u>Class</u>	<u>Red</u>		<u>Amber</u>		<u>Green</u>		<u>Coverage</u>		<u>Network</u>
		km	%	km	%	km	%	km	%	km
Urban	A	1.268	2.48	9.343	18.28	40.489	79.23			51.1
	B	1.102	3.81	6.034	20.87	21.765	75.31			28.9
	C	1.437	3.26	6.882	15.63	35.770	81.11			44.1
	U	28.380	4.39	148.5533	22.99	469.167	72.62			646.1
Rural	A	0.054	0.76	0.739	10.27	6.406	88.98			7.2
	B	0.330	2.15	3.026	19.78	11.945	78.07			15.3
	C	1.463	2.51	12.267	21.01	44.670	76.49			58.4
	U	1.354	3.06	8.894	20.13	33.952	76.81			44.2
Overall By Class	A	1.323	2.27	10.082	17.30	46.895	80.44			58.3
	B	1.431	3.24	9.059	20.50	33.710	76.27			44.2
	C	2.901	2.83	19.160	18.69	80.440	78.48			102.5
	U	29.734	4.31	157.447	22.81	503.119	72.88			690.3
Urban	All	32.187	4.18	170.882	22.18	567.191	73.64			770.2
Rural	All	3.201	2.56	24.926	19.92	96.973	77.52			125.1
All	All	35.389	3.94	196.748	21.86	664.164	74.18			895.3
		Road Condition Index		25.8%						

Appendix N

Local authority Results 2013 & 2014

Authority		RCI	
		2013	2014
Aberdeen	1	33.0	33.8
	2	30.0	32.1
	3	46.8	45.0
	4	35.4	35.2
	5	31.8	33.0
	6	49.3	49.3
	7	27.0	25.8
	8	46.8	46.4
	9	35.6	36.2
	10	25.2	26.3
	11	35.6	34.6
	12	43.5	45.5
	13	43.5	39.1
	14	57.6	55.6
	15	26.3	25.4
	16	34.2	35.6
	17	40.8	39.1
	18	41.7	
	19	20.1	21.3
	20	42.1	43.1
	21	41.4	41.9
	22	30.1	30.1
	23	34.0	34.3
	24	42.0	41.0
	25	31.1	30.7
	26	25.4	25.4
	27	38.8	37.5
	28	35.9	33.8
	29	49.2	46.3
	30	27.3	27.4
	31	35.0	39.1
	32	33.0	32.7
Scotland LA		36.7	
Simple Ave		36.6	36.2

Aberdeen Position 2013

Authority		RCI	
		2013	2014
Aberdeen	19	20.1	21.3
	10	25.2	26.3
	26	25.4	25.4
	15	26.3	25.4
	7	27.0	25.8
	30	27.3	27.4
	2	30.0	32.1
	22	30.1	30.1
	25	31.1	30.7
	5	31.8	33.0
	32	33.0	32.7
	1	33.0	33.8
	23	34.0	34.3
	16	34.2	35.6
	31	35.0	39.1
	4	35.4	35.2
	9	35.6	36.2
	11	35.6	34.6
	28	35.9	33.8
	27	38.8	37.5
	17	40.8	39.1
	21	41.4	41.9
	18	41.7	
	24	42.0	41.0
	20	42.1	43.1
	12	43.5	45.5
	13	43.5	39.1
	3	46.8	45.0
	8	46.8	46.4
	29	49.2	46.3
	6	49.3	49.3
	14	57.6	55.6
Scotland LA		36.7	
Simple Ave		36.6	36.2

Aberdeen Position 2014

Authority		RCI	
		2013	2014
Aberdeen	19	20.1	21.3
	26	25.4	25.4
	15	26.3	25.4
	7	27.0	25.8
	10	25.2	26.3
	30	27.3	27.4
	22	30.1	30.1
	25	31.1	30.7
	2	30.0	32.1
	32	33.0	32.7
	5	31.8	33.0
	1	33.0	33.8
	28	35.9	33.8
	23	34.0	34.3
	11	35.6	34.6
	4	35.4	35.2
	16	34.2	35.6
	9	35.6	36.2
	27	38.8	37.5
	31	35.0	39.1
	17	40.8	39.1
	13	43.5	39.1
	24	42.0	41.0
	21	41.4	41.9
	20	42.1	43.1
	3	46.8	45.0
	12	43.5	45.5
	29	49.2	46.3
	8	46.8	46.4
	6	49.3	49.3
	14	57.6	55.6
	18	41.7	
Scotland LA		36.7	
Simple Ave		36.6	36.2