

ABERDEEN CITY COUNCIL

COMMITTEE	Enterprise, Planning & Infrastructure
DATE	19 March 2013
DIRECTOR	Gordon McIntosh
TITLE OF REPORT	Roads and Transport Related Capital Budget Programme 2013-2014
REPORT NUMBER:	EPI/13/030

1 PURPOSE OF THE REPORT

This report brings together the proposed roads and transportation programme from the approved Capital budgets for 13/14. 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 2014/15 and 2015/16 are also included where possible.

2 RECOMMENDATIONS

1. The Committee approves the schemes listed in the Appendices as the detailed proposals for expenditure within budget headings.
2. Instruct appropriate officials to implement the detailed programme.
3. Agree for officers to amend the programme in consultation with local members should priorities change during the year.
4. 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.

5. 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 budget

3. FINANCIAL IMPLICATIONS

Expenditure will be in accordance with the Council's approved Capital budgets for 2013 - 2014.

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.

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. OTHER IMPLICATIONS

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

6. REPORT

This report brings together, for members' information, the proposed programme for Capital Funding spend for both Roads and Transportation for 2013/2014 together with provisional reserve list programme for 2013/2014.

The provisional reserve programme for 2013/2014 will allow substitution of schemes should it not be possible to implement any of the proposed 2012/2013 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 Papers

Traffic Lights and Pedestrian Crossing: A Capital budget of **£500,000** 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 **£300,000**. More work is able to be programmed by using materials purchase in 2012/13 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 **£232,000** 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 for this budget is that the spend on cycling schemes should be a minimum of 36% of the grant.

Road Safety Schemes: A Capital Budget of **£50,000** has been allocated for Road Safety Schemes. This budget is primarily used for the implementation of small scale traffic schemes, lining and signing which assists in the provision of safer streets for all the travelling public.

Footway Resurfacing: A budget of **£512,000** 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 **£2,013,000**. 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**.

The survey identifies sections of road as falling into one of three categories, Green – acceptable condition, Amber – causing concern and should be considered for treatment and Red – of concern and requiring treatment. A copy of the Road Condition Index(RCI) is attached as **Appendix L with Appendix M** showing the

RCI for all Councils across Scotland with **Appendix N** showing Aberdeen's position against the Local Authorities in Scotland.

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 the severity of the weather from the floods in August and December along with the continued rain, snow and extremely low temperatures from October through to present many road surfaces have suffered significant deterioration since the Road Condition Survey was carried out require staff to currently reassess all roads, this reassessment could necessitate changes to the proposed programme during the financial year.

Drainage: A Capital Budget of **£100,000** has been allocated for the Drainage works, this programme is shown in **Appendix J**

Road Sign Replacement: A Capital Budget of **£50,000** 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 **£30,000** 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 shows the changes in the Road Condition Index (RCI) for Aberdeen City under the new approved measurement criteria. It has been decided that the measurement for the RCI will now consider a four year survey period rather than the two year period measured to date. This change was required due to increased concerns that the U Class roads were not reflecting the true index when measured over a two year period. It should be noted that only 10% of the U Class roads are measured on an annual basis.

7. REPORT AUTHOR DETAILS

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Appendix A

Its Unit 2013/2014 Traffic Signal Refurbishment Programme				
No	Site	Installation	Type	Estimated Cost
1	King Street / East North Street	Refurb'	Junc	
2	Powis Place / Fraser Place / Causewayend	Refurb'	Junc	
3	Crown Street / Springbank Terrace	Refurb'	Junc	
4	Great Northern Road At Murray Court	Refurb'	Pelican	
5	Schoolhill At St Nicholas Centre	Refurb'	Pelican	
6	Fountainhall Road Near Desswood Place (Equipment Purchased 2012/13)	Refurb'	Pelican	
			Total	£400,000.00
		Allocation	Estimated	
	Budget	£400,000.00	£400,000.00	
Its Unit 2013/2014 Traffic Signal Refurbishment Reserve List				
No	Site	Installation	Type	Estimated Cost
7	Rosemount Viaduct / Union Terrace	Refurb'	Junc	
8	Beach Boulevard At East North Street / Commerce Street	Refurb'	Pelican	
			Total	£120,000.00

Appendix B
Proposed Lighting Capital Programme 2013/14

Scheme	Estimate £'000	Comments
<u>8/10 m Height</u>		
Great Western Rd - Ph 1		Holburn St to Holburn Rd (16No cols)
East / West Nth St		Commerce St to Mealmarket St - (14 cols)
Ferryhill Terrace		whole street - 4No cols
Commerce & Virginia Street		16 No cols (10x twin, 6 single)
Belmont Road to be done with Liners		whole street - 4No cols
Thistle St/ Waverley Pl		Rose St to Rubislaw Pl - 6 No cols
8/10m Total		
<u>5/6 m Height</u>		
Doolie Ness & Marchmont St Area		replacement of corroded footpath columns with hinged
Davan Park Area		replacement of corroded footpath columns with hinged
Wagley Parade, Newhills Area		replacement of corroded footpath columns with hinged
Devanha Lane		additional lighting and replacement of existing
Albyn Lane Queens Lane Sth		replacement of o/head lines with cable and columns
Sheddocksley Area		replacement of corroded footpath columns with hinged
Spital Walk		alterations to cabling and disconnecting lobby services
Footways / Resurfacing Contract		T.B.C. from roads programme
5/6m Total		
	Total	300

Appendix C
Proposed Lighting Reserve Capital Programme 2013/14

Scheme	Estimate £'000	Comments
<u>8/10 m Height</u>		
Denmore Rd		whole length - replacement of remainder of steel poles
West Nth St		Mealmarket St - St Clair St (10 cols)
Westburn Rd		Berryden Road to Watson St - 14 No cols
Albert St		whole length - replacement of remainder of steel poles
8/10m Total		
<u>5/6 m Height</u>		
Davidson Dr – Phase 2		replacement of cable and columns - west of Springhill Rd
Westholme Area		replacement of steel/ concrete cols - 20 No
Albyn Lane Queens Lane Sth		replacement of additional corroded footpath columns with hinged
Sheddocksley Area		replacement of additional corroded footpath columns with hinged
Hamilton Lane		replacement of o/head lines with cable and columns
Davan Park Area		replacement of additional corroded footpath columns with hinged
Doolie Ness & Marchmont St Area		replacement of corroded footpath columns with hinged
5/6m Total		
Energy/Carbon Savings		
Replacement of inefficient lanterns		
Energy Total		
Reserve Total	340	

Appendix D

Cycling Walking Safer Streets

LOCATION / PROPOSALS	DESCRIPTION OF WORK	IMPLICATIONS	JUSTIFICATIONS TO CWSS	ESTIMATED COSTS	BUDGET TOTAL
Schemes C/F from 12/13					
At the time of writing this report there are a number of outstanding contracts from financial year 12/13 that have yet to be completed and which may extend into financial year 13/14. This may have an effect on the schemes identified below.					
CYCLING WALKING SAFER STREETS 2013 / 2014					£232,000
Schemes for 2013 / 14 (CWSS)					
Various locations across the City. Item No.	Small scale improvements to pedestrian crossing / Disabled Crossing points / Core Paths - Dropped kerbs and pedestrian guard-rails.	Budget of £15,000 for implementation at various locations City wide. Individual location assessment - Local Councillors to be kept appraised.	Pedestrian/ Child Safety		
Various locations across the City. Item No.	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.	Pedestrian/ Child Safety + Safety to Cyclists		
Various locations across the City. Item No.	Cycling Facilities /Links / Parking / Lining & Signing throughout the City to provide missing Links on the road network	Budget of £84,000 for implementation at various locations City Wide. Discussions have been ongoing with the Cycling Forum to identify a serious of improvements throughout the City. Some schemes may require the promotion of legislative procedures for a Traffic Regulation Order which may affect implementation. (Requirement of Grant Offer to spend minimum 36% but preferably 50 % on cycling schemes)	Pedestrian/ Child Safety + Safety to Cyclists		

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 £55,000 for implementation at various locations City wide. Individual location assessment - Local members to be kept appraised.	Some of this work will require the promotion of legislative procedures which may effect implementation.		
Various locations throughout the City Item No.	Route action work on various rural routes and City wide locations that have been identified for improvements from the annual accident scan.	Pedestrian / Child Safety. Improvements to driver safety and speed reduction.	No detrimental implications.		
Various Safety Campaigns throughout the City (not site specific) Item No.	Publicity in relation to Road Safety Campaigns & Community Safety Safe Drive - Stay Alive Campaign.	Budget of £5,000 for Aberdeen City Contribution Local Transport Strategy Policy / Proposal SP1.	No detrimental implications.		
The Bush - Peterculter Item No.	Stop Accesss to Hillview Road as agreed with residents	No detrimental implications	Improved pedestrian access and safety		
Aberdeen City Council Road Safety Plan Item No.	Bi-annual review and publication of the Road Safety Plan. (Statistical update only - Aberdeen City)	Budget of £3,000 City wide Local Transport Strategy Policy / Proposal SP1.	No detrimental implications.		
Various locations across the City. Item No.	Implementation of new / improvements to existing - traffic islands, zebra crossings, puffin/toucan crossings, missing footway links	Waiting restrictions may be required and promotion of legislative procedures for a Traffic Regulation Order which may affect implementation. Local Councillors to be kept appraised.	Improved pedestrian access and safety Pedestrian/ Child Safety. + Safety to Cyclists		
			Total (CWSS)	£232,000	

Appendix E

Capital Footway Programme 2013-2014

Name of Road	Location and Description of Works	Assessed Condition	Area (sq.m)	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		
Gray Street	Phase 4 from number 54 to number 68	10	138	
Murray Terrace	Phase 4 North Side from Polmuir Rd to Bright St	10	245	
Holburn Street	West Side.Nellfield Place to 190.(South end of Gillies Furniture Store).Relay stone kerbs and resurface footway with precast concrete slabs.Instal bollards.	10	341	
Bon -accord Street	West Side from Union Street to Langstane Place. Resurface footway with precast concrete slabs.Instal bollards.	10	98	
Bon -accord Street	East Side from Union Street to Langstane Place. Resurface footway with precast concrete slabs.Instal bollards.	10	91	
Broomhill Road	South Side from No 19 to Balmoral Terrace.and from Balmoral Terrace to No 51(The Milne Clinic) precast concrete slabs/pavoirs.Instal Morpeth Bollards.(No Kerbing required)	10	189	
George Street	West Side from Hutcheon Street to No 455.Replace flat granite kerbs with PC kerbs.resurface footway in slabs and instal bollards.	10	108	
Fernhill Road	North Side from Greenfern Avenue to opposite No 57.Renew kerbs and resurface footway with bitmac.	10	187	
Rosehill Terrace	West Side from Rosehill PI to No 2.Remove 2 No mature trees and resurface footway with bitmac.	10	154	
Willowpark Crescent	South Side from Willowpark Road to opposite 136.Renew kerbs and resurface footway in bitmac.	10	313	
Birkhall Parade	South Side from Upper Mastrick Way to Invercauld Road.Renew kerbs at crossings only and resurfaxe footway in bitmac.	10	273	
Kingsford Road	South Side from Sheddocksley Rd to Springhill Rd and North Side from Shddocksley Rd to start of loop	10	475	

£600,000

Appendix F Footway Reserve List 2013-2014

Capital Reserve Footway Programme 2013-2014

Name of Road	Location and Description of Works	Assessed Condition	Area (sq.m)	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		
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)	10	673	
Hallfield Road	North side, Springhill Road to Hallfield Crescent. Renew kerb and resurface footway with bitmac.	10	266	
Manor Walk	West and North Side from Manor Avenue to opposite 17.Relay stone kerbs and replace slabs with bitmac.	10	231	
Fernhill Road	North Side from Nos 50 -58.Renew kerbs and resurface footway in bitmac.	10	39	
Dunbar Street	West Side from 59 to 73. Resurface footway with precast concrete slabs.Instal bollards.	9	164	
Richmondhill Place	East Side from Kingsgate to opposite 21. Relay stone kerbs and resurface footways in PC Slabs.Remove mature trees.	9	315	
Great Northern Road	South Side.Sections outside Lloyds Pharmacy(451) and Iceland.Resurface footway with bitmac.	9	185	
Countesswells Crescent	Inner Circle from Countesswells Avenue to o/p 53/55.Renew kerbs and resurface footway in bitmac.	9	139	
Dominies Road	North Side from No 4 to Car Park entrance and short section o/s No 1.	9	168	
Harlow Road	North Side from Queens Lane South to Forest Avenue	9	841	
Cairnwell Drive	West Side from Birkhall Place to Cairnwell Avenue including remote loop.Renew kerbs and resurface footway with bitmac.	9	543	
Windford Road	North Side Renew kerbs and resurface footway in bitmac	9	358	
Walker Road	West Side from Grampian Place to Polwarth Road.Relay stone kerbs and resurface footway in bitmac.	9	620	

Appendix F (Cont)
Footway Reserve List 2013-2014

Name of Road	Location and Description of Works	Assessed Condition	Area (sq.m)	Estimated Cost
Manor Walk	West and North Side from opposite 17 to Manor Drive.Relay stone kerbs and replace slabs with bitmac.	9	559	
Fernhill Road	North Side from no 16 (end of loop) to Fernhill Drive.Renew kerbs and resurface footway in bitmac.	9	183	
Ashgrove Place	South Side from No 2 to No 12.Renew kerbs and resurface footway with bitmac.	9	136	
Moir Drive	1 - 17/19 Moir Drive.Renew kerbs and resurface footway with bitmac.	9	209	
Tollohill Gardens	North Side - East (Short) Section.Renew kerbs and resurface footways with bitmac	8	132	
Ferryhill Road	North Side from Fernhill Rd to No 42(start of loop).Renew kerbs and resurface footway in bitmac.	8	81	
Tollohill Gardens	North Side - West(Long) Section.Renew kerbs and resurface footways with bitmac	8	287	
Oscar Road	West Side from Grampian Place to Car Park o-p 61. Renew kerbs and resurface footway in bitmac.	8	386	
Windford Road	South Side Renew kerbs and resurface footway in bitmac	8	346	
GARDNER ROAD	East Side from Hetherwick Rd to entrance to 145..Renew kerbs and resurface footways with bitmac.	8	299	
Fernhill Road	South Side from Fernhill Drive to Fernhill Place.Renew kerbs and resurface footway in bitmac.	8	355	
Orchard Road	East Side from University Rd to lane.Relay stone kerbs and replace slabs with bitmac.	8	113	
Rubislaw Den South	South Side from 9 to 9A. Relay stone kerbs and resurface footway with precast concrete slabs.	8	90	
Countesswells Road	In front of 209 - 219.Resurface footway in bitmac.(No kerbing required)	8	126	
Arnage Drive	East Side from Arnage Drive to Mastrick Road.Renew kerbs and resurface footways with bitmac.	8	129	

Current Footway Reserve List Total

£950,000

Appendix G Proposed Capital Works Resurfacing List 2013-2014

Name of Road	Location & Description of Works	Assessed Condition	Area (Sq m)	Estimated Cost
Great Northern Road	Southbound from Lamp Post No. 86 to Lamp Post No. 72. Resurface Carriageway	Red	2400	
Great Northern Road	St Machar Drive to Printfield Walk. Resurface Carriageway	Red	5100	
A944 Skene Road	Westbound Kingswells R/about to Little Brodiach Cottage. Resurface Carriageway	Red	5500	
Powis Terrace	Belmont Road to Bedford Road. Resurface Carriageway	Red	2000	
Powis Terrace	Bedford Road to Calsayseat Road. Resurface Carriageway	Red	1500	
Riverside Drive	From Great Southern Road past Cemetery to Lamp Post No. 54. Resurface Carriageway	Red	2400	
Beach Boulevard	Beach Ballroom. Resurface Carriageway	Red	5500	
Market Street	Virginia Street to Commercial Quay. Resurface Carriageway	Red	2200	
Trinity Quay	Pedestrian crossing to Market Street. Resurface Carriageway	Red	1300	
Strategic Bus Stops	Reinforce bus stops at key locations.	Red	Sum	
Various Locations	Structural carriageway repairs at Junctions	Red	Sum	
Old Wellington Road	Junction of Cove Road. Resurface Carriageway	Red	830	
A956 King Street	Bus Lane Southbound from Errol Street to Seaforth Road Carriageway Resurfacing EME2	Red	350	
Langstracht	Bus gate to A944 roundabout. Resurface Carriageway	Red	5500	
Westburn Road	Eastbound Anderson Drive to Woodhill House. Resurface Carriageway	Red	2000	
Holburn Street	Union Grove to Union Street. Resurface Carriageway	Red	1500	
Queen's Road	Rubislaw Park Road to Hill of Rubislaw. Resurface Carriageway	Red	1500	
Union Street	Belmont Street pedestrian crossing to bridge deck. Resurface Carriageway	Red	500	
Malcolm Road	Contlaw Road to Leuchers Den. Edge strengthening and carriageway overlay	Red	2000	
Baillieswells Road	Littleways. Re profile carriageway.	Red	400	
Pitmedden Road	Caskieben Road to Bendauch. Resurface Carriageway	Red	3500	

Appendix G (Cont)
Proposed Capital Works Resurfacing List 2013-2014

Name of Road	Location & Description of Works	Assessed Condition	Area (Sq m)	Estimated Cost
Dyce Drive	Various locations. Structural carriageway repairs	Red	Sum	
Kingswells Crescent	Wellside Place to Concraig Place. Resurface Carriageway		3200	
Victoria Road	Bridge to South Esplanade West. Resurface Carriageway	Red	550	
Victoria Road	South Esplanade Junction. Resurface Carriageway	Red	500	
Cairngorm Drive	Fauld Gate to Cairngorm Place. Structural carriageway repairs at traffic calming	Red	2700	
Denmore Road	Junction with Woodside Road. Resurface carriageway	Red	400	
Craigshaw Drive	Abbotswell Road to Craigshaw Place. Resurface carriageway	Red	2000	
School Road	Seaton Road to Seaton Avenue. Resurface carriageway	Red	1000	
George Street	John Street junction. Resurface carriageway	Red	400	
Skye Road	Langstracht to Arran Avenue. Resurface carriageway	Red	1500	
Hilton Avenue	Hilton Drive to No. 173 Resurface Carriageway	Red	3000	
Bankhead Road	Junction with Greenburn Drive. Resurface carriageway		500	
Whitestripes Road	Various locations. Structural carriageway repairs	Red	Sum	
Cranford Road	Junction with Great Western Road. Resurface carriageway		400	
Upper Persley Road	Various locations. Structural carriageway repairs	Red		
Don Street (Woodside)	Great Northern Road to Don Place. Resurface carriageway	Red	800	
Mastrick Drive	Various locations. Structural carriageway repairs at traffic calming		Sum	
Manor Drive	Various locations. Structural carriageway repairs		Sum	
Western Road	Cul de sac. Resurface carriageway	Red	400	
				<u>£2,100,000</u>

Appendix H Capital Works Resurfacing Reserve List 2013-2014

Name of Road	Location & Description of Works	Assessed Condition	Area (Sq m)	Estimated Cost
Kingswells Crescent	Concraig Place to Derbeth Grange. Resurface carriageway		4800	
Kirkton Avenue	Lamp Post 6 to Pitmedden Road.	Red	1460	
Allison Close	Thin ovelay	Red	1000	
Rosemount Viaduct	Skene Street to HMT. Resurface carriageway	Red	2000	
Wellheads Place	Wellheads Way to Wellheads Crescent. Resurface carriageway		3000	
Provost Rust Drive	Granitehill Road to Manor Avenue. Resurface carriageway	Red	1600	
Malcolm Road	Speed limit sign to Contlaw Road. Resurface carriageway	Red	3400	
Westburn Road	Junction of Argyll Place. Resurface carriageway	Red	1000	
Commerce Street	Virginia Street Junction Resurface Carriageway	Red	1000	
Market Street	Commercial Quay to North Esplanade. Resurface carriageway.	Red	2500	
Market Street	Junction Virginia Street. Resurface Carriageway	Red	1000	
Beach Boulevard	Beach Ballroom Road Re-alignment and Carriageway Resurfacing	Red	5500	
Regent Walk	King Street to Golf Road Resurface Carriageway	Red	4200	
Balloch Way	Resurface Carriageway Riverview Drive to Netherview Avenue	Red	3000	
Wellington Road	Makro roundabout to West Tullos Road. Resurface carriageway	Red	6300	
Victoria Road	South Esplanade to Menzies Road. Resurface carriageway	Red	850	
Victoria Road	Menzies Road Junction. Resurface carriageway	Red	500	
Woodside Road	The Parkway to The Parkway. Resurface carriageway	Red	4500	
Commerce Street	Virginia Street Junction. Resurface Carriageway	Red	1000	
Cove Road/ Loirston Road	Lampost No.3 to Redwood Crescent. Resurface carriageway	Red	1200	
Netherview Avenue	Balloch Way/Princess Drive to Berrywell Walk Resurface Carriageway	Red	1460	
Craigshaw Drive	Wellington Road to Craigshaw Crescent. Resurface carriageway	Red	1800	
Morningfield Road	Forest Road to No. 40. Thin overlay	Red	2200	
Skene Road	Eastbound Borrowstone Road to Kingswells roundabout. Resurface carriageway	Red	10000	
Riverview Drive	East of Overton Circle to Asda Junction at Netherview Avenue Resurface Carriageway	Red	6900	
				<u>£2,100,000</u>

Appendix J

Capital Works Drainage Programme 2013-2014

Name of Road	Location & Description of Works	Estimated Cost
Great Southern Road	Provost Watt Drive to Bridge of Dee. Drainage improvement.	
Caskieben Road	From Junction at A96 Drainage Improvement	
Contlaw Road	Beanshill Drainage Improvement	
C55C Pitmedden Road	Drainage improvements	
Links Road	Drainage Improvement	
Kirk Brae	Rear of Kirkbrae Drive	
King Street	Lidl. Flooding Investigation/Design	
Various	Unallocated to Resolve Serious Flooding Issues Arising During the year or high priority from the reserve list	
Various	Replacement of Gullies	
Capital Works Drainage Programme 2013-2014 Total		£100,000

Appendix K

Road Sign Replacement:	£50,000
Weak Bridge Repairs :	£20,000
Major Bridge Repairs:	£30,000
Flood Prevention Schemes:	<u>£100,000</u>
	<u>£200,000</u>

Appendix L

SRMCS RCI REPORT (WITH AMBER BREAKDOWN) - ABERDEEN CITY

System: WDM PMS
 System Version: 4.4.0
 Run Identifier: SRMCS PI

Report Run Date: 16/11/2012
 Weighting Set ID: WSAllClassesv0202
 Rule Set ID: RP10.01

Calculation Date: 14/08/2012
 From Date: 01/01/2011
 To Date: 31/12/2012



Results from Network Lengths Surveyed

Environment	Class	RED		AMBER (100 to 80)		AMBER (80 to 60)		AMBER (60 to 40)		GREEN (40 to 20)		GREEN (<20)		COVERAGE		NETWORK
		km	%	km	%	km	%	km	%	km	%	km	%	km	km	
Urban	A	3.382	3.41	7.828	7.88	5.109	5.15	5.946	5.99	10.318	10.39	66.717	67.19	99.300	194.71	51.00
	B	0.574	2.45	1.435	6.12	1.452	6.19	1.579	6.73	2.326	9.92	16.084	68.59	23.450	81.14	28.90
	C	2.169	4.42	2.624	5.34	3.113	6.34	2.414	4.92	5.893	12.00	32.889	66.98	49.102	111.34	44.10
	U	18.135	6.90	24.996	9.51	24.746	9.42	18.037	6.86	33.815	12.87	143.036	54.43	262.765	40.67	646.10
Rural	A	0.222	1.46	0.410	2.70	0.696	4.58	0.557	3.67	0.884	5.82	12.423	81.77	15.192	211.00	7.20
	B	0.447	3.18	0.575	4.09	0.915	6.51	0.955	6.79	1.800	12.80	9.373	66.64	14.065	91.93	15.30
	C	2.108	4.89	2.473	5.74	3.847	8.93	4.212	9.77	6.929	16.08	23.521	54.59	43.090	73.78	58.40
	U	1.781	8.47	1.361	6.47	1.696	8.07	1.591	7.57	3.550	16.88	11.050	52.55	21.029	39.45	53.30
Overall by class	A	3.604	3.15	8.238	7.20	5.805	5.07	6.503	5.68	11.202	9.78	79.140	69.12	114.492	196.72	58.20
	B	1.021	2.72	2.010	5.36	2.367	6.31	2.534	6.75	4.126	11.00	25.457	67.86	37.515	84.88	44.20
	C	4.277	4.64	5.097	5.53	6.960	7.55	6.626	7.19	12.822	13.91	56.410	61.19	92.192	89.94	102.50
	U	19.916	7.02	26.357	9.29	26.442	9.32	19.628	6.92	37.365	13.17	154.086	54.30	283.794	40.58	699.40
Urban	All	24.260	5.58	36.883	8.49	34.420	7.92	27.976	6.44	52.352	12.05	258.726	59.53	434.617	56.44	770.10
Rural	All	4.558	4.88	4.819	5.16	7.154	7.66	7.315	7.83	13.163	14.10	56.367	60.37	93.376	69.58	134.20
All	All	28.818	5.46	41.702	7.90	41.574	7.87	35.291	6.68	65.515	12.41	315.093	12.41	527.993	58.39	904.30

Results of Surveys Weighted Across Total Network Lengths

Environment	Class	RED		AMBER (100 to 80)		AMBER (80 to 60)		AMBER (60 to 40)		GREEN (40 to 20)		GREEN (<20)		COVERAGE		NETWORK
		km	%	km	%	km	%	km	%	km	%	km	%	km		
Urban	A	1.737	3.41	4.020	7.88	2.624	5.15	3.054	5.99	5.299	10.39	34.266	67.19		51.00	
	B	0.707	2.45	1.769	6.12	1.789	6.19	1.946	6.73	2.867	9.92	19.822	68.59		28.90	
	C	1.948	4.42	2.357	5.34	2.796	6.34	2.168	4.92	5.293	12.00	29.539	66.98		44.10	
	U	44.591	6.90	61.461	9.51	60.847	9.42	44.350	6.86	83.146	12.87	351.704	54.43		646.10	
Rural	A	0.105	1.46	0.194	2.70	0.330	4.58	0.264	3.67	0.419	5.82	5.888	81.77		7.20	
	B	0.486	3.18	0.625	4.09	0.995	6.51	1.039	6.79	1.958	12.80	10.196	66.64		15.30	
	C	2.857	4.89	3.352	5.74	5.214	8.93	5.709	9.77	9.391	16.08	31.878	54.59		58.40	
	U	4.514	8.47	3.450	6.47	4.299	8.07	4.033	7.57	8.998	16.88	28.007	52.55		53.30	
Overall by Class	A	1.842	3.17	4.215	7.24	2.954	5.08	3.318	5.70	5.718	9.83	40.153	68.99		58.20	
	B	1.194	2.70	2.394	5.42	2.785	6.30	2.985	6.75	4.825	10.92	30.018	67.91		44.20	
	C	4.805	4.69	5.708	5.57	8.010	7.81	7.877	7.68	14.684	14.33	61.417	59.92		102.50	
	U	49.105	7.02	64.911	9.28	65.145	9.31	48.383	6.92	92.144	13.17	379.711	54.29		699.40	
Urban	All	48.984	6.36	69.607	9.04	68.056	8.84	51.518	6.69	96.605	12.54	435.330	56.53		770.10	
Rural	All	7.963	5.93	7.621	5.68	10.838	8.08	11.044	8.23	20.766	15.47	75.969	56.61		134.20	
All	All	56.946	6.30	77.228	8.54	78.894	8.72	62.562	6.92	117.370	12.98	511.299	56.54		904.30	

SPI CARRIAGEWAY CONDITION INDICATOR: 30.5%

Appendix M

RCI Results 2011_13 (Using 4 years data on unclassified Roads)

No.	Network				A Roads				B Roads				C Roads				Classified Roads				U Roads			
	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI
1	10.57	39.21	50.2	49.8	9.96	35.88	54.2	45.8	10.97	36.41	52.6	47.4	9.51	45.55	44.9	55.1	10.08	38.63	51.3	48.7	11.19	39.93	48.9	51.1
2	9.04	33.47	57.5	42.5	2.60	22.62	74.8	25.2	7.99	31.64	60.4	39.6	6.73	33.18	60.1	39.9	5.49	28.70	65.8	34.2	13.56	39.52	46.9	53.1
3	2.53	17.91	79.6	20.4	2.28	16.27	81.5	18.5	2.99	18.89	78.1	21.9	0.88	11.36	87.8	12.2	2.13	15.79	82.1	17.9	3.00	20.37	76.6	23.4
4	7.88	33.83	58.3	41.7	3.99	24.92	71.1	28.9	5.31	32.80	61.9	38.1	5.41	32.32	62.3	37.7	5.02	30.62	64.4	35.6	12.53	39.03	48.4	51.6
5	3.77	20.55	75.7	24.3	3.03	20.05	76.9	23.1	2.49	19.33	78.2	21.8	2.52	18.27	79.2	20.8	2.63	18.95	78.4	21.6	5.22	22.56	72.2	27.8
6	13.09	35.47	51.4	48.6	6.59	28.76	64.6	35.4	5.85	30.19	64.0	36.0	12.31	35.65	52.0	48.0	9.16	32.57	58.3	41.7	18.53	39.49	42.0	58.0
7	6.32	26.84	66.8	33.2	3.08	21.56	75.4	24.6	5.60	27.89	66.5	33.5	7.22	27.39	65.4	34.6	5.29	25.39	69.3	30.7	7.65	28.72	63.6	36.4
8	19.92	37.67	42.4	57.6	12.60	34.19	53.2	46.8	24.00	41.11	34.9	65.1	22.02	40.25	37.7	62.3	19.50	38.47	42.0	58.0	20.88	35.89	43.2	56.8
9	6.10	29.16	64.7	35.3	7.15	29.31	63.5	36.5	4.90	31.06	64.0	36.0	5.28	28.34	66.4	33.6	5.75	29.33	64.9	35.1	6.62	28.92	64.5	35.5
10	4.32	21.81	73.9	26.1	2.75	19.54	77.7	22.3	2.29	16.59	81.1	18.9	3.24	20.05	76.7	23.3	2.80	18.71	78.5	21.5	6.02	25.28	68.7	31.3
11	3.98	23.95	72.1	27.9	2.01	15.84	82.1	17.9	3.80	27.36	68.8	31.2	3.32	24.68	72.0	28.0	3.16	23.44	73.4	26.6	4.90	24.51	70.6	29.4
12	4.80	26.81	68.4	31.6	3.31	22.90	73.8	26.2	4.28	29.06	66.7	33.3	2.80	26.85	70.4	29.6	3.41	26.85	69.7	30.3	6.38	26.77	66.9	33.1
13	9.09	31.68	59.2	40.8	4.39	24.67	70.9	29.1	6.42	32.30	61.3	38.7	7.47	33.61	58.9	41.1	5.96	29.73	64.3	35.7	12.75	33.96	53.3	46.7
14	10.18	34.32	55.5	44.5	6.61	31.75	61.6	38.4	10.21	37.65	52.1	47.9	9.69	33.50	56.8	43.2	9.30	34.74	56.0	44.0	11.05	33.89	55.1	44.9
15	8.65	31.99	59.4	40.6	5.28	24.40	70.3	29.7	7.56	30.24	62.2	37.8	9.01	33.08	57.9	42.1	7.57	29.93	62.5	37.5	9.66	33.91	56.4	43.6
16	5.27	27.13	67.6	32.4	4.08	20.04	75.9	24.1	3.82	26.61	69.6	30.4	3.52	25.22	71.3	28.7	3.79	24.10	72.1	27.9	6.48	29.60	63.9	36.1
17	7.77	29.00	63.2	36.8	4.24	21.71	74.1	25.9	6.00	24.37	69.6	30.4	8.88	32.25	58.9	41.1	6.70	26.95	66.4	33.6	8.53	30.47	61.0	39.0
18	9.29	33.40	57.3	42.7	9.82	26.53	63.7	36.3	6.52	32.24	61.2	38.8	11.25	38.49	50.3	49.7	9.35	33.78	56.9	43.1	9.24	33.08	57.7	42.3
19	5.48	28.58	65.9	34.1	6.24	27.66	66.1	33.9	4.67	26.65	68.7	31.3	3.84	24.93	71.2	28.8	4.87	26.36	68.8	31.2	5.92	30.18	63.9	36.1
20	3.84	23.05	73.1	26.9	2.13	16.68	81.2	18.8	4.17	23.99	71.8	28.2	6.88	32.13	61.0	39.0	4.18	23.57	72.2	27.8	3.63	22.72	73.6	26.4
21	5.25	28.42	66.3	33.7	3.35	18.48	78.2	21.8	2.38	19.38	78.2	21.8	4.12	24.96	70.9	29.1	3.24	20.39	76.4	23.6	6.54	33.61	59.9	40.1
22	6.07	30.45	63.5	36.5	3.17	21.83	75.0	25.0	4.83	31.27	63.9	36.1	5.47	31.81	62.7	37.3	4.48	28.15	67.4	32.6	6.88	31.63	61.5	38.5
23	8.00	29.30	62.7	37.3	3.91	22.05	74.0	26.0	4.06	22.67	73.3	26.7	8.30	27.48	64.2	35.8	6.24	25.04	68.7	31.3	8.86	31.41	59.7	40.3
24	10.24	33.03	56.7	43.3	3.65	14.55	81.8	18.2	4.21	24.02	71.8	28.2	7.28	27.25	65.5	34.5	5.64	23.84	70.5	29.5	12.75	38.04	49.2	50.8
25	13.55	35.42	51.0	49.0	6.09	26.65	67.3	32.7	6.89	37.41	55.7	44.3	12.68	34.72	52.6	47.4	9.82	33.44	56.7	43.3	14.96	36.18	48.9	51.1
26	10.74	32.87	56.4	43.6	8.50	29.76	61.7	38.3	6.08	27.29	66.6	33.4	5.73	28.92	65.3	34.7	6.96	28.68	64.4	35.6	12.14	34.41	53.4	46.6
27	5.06	27.12	67.8	32.2	2.94	20.13	76.9	23.1	3.21	24.18	72.6	27.4	3.90	24.30	71.8	28.2	3.46	23.17	73.4	26.6	5.79	28.93	65.3	34.7
28	6.15	27.83	66.0	34.0	3.11	21.11	75.8	24.2	3.13	21.92	75.0	25.0	5.65	26.95	67.4	32.6	3.88	22.98	73.1	26.9	6.96	29.56	63.5	36.5
29	6.30	24.18	69.5	30.5	3.17	18.02	78.8	21.2	2.70	18.47	78.8	21.2	4.69	21.07	74.2	25.8	3.83	19.64	76.5	23.5	7.02	25.51	67.5	32.5
30	4.27	23.44	72.3	27.7	2.47	17.03	80.5	19.5	1.37	17.70	80.9	19.1	1.78	15.19	83.0	17.0	1.93	15.87	82.2	17.8	5.45	27.25	67.3	32.7
31	6.29	27.75	66.0	34.0	5.14	23.50	71.4	28.6	3.41	19.20	77.4	22.6	4.71	22.88	72.4	27.6	4.72	22.62	72.7	27.3	6.76	29.27	64.0	36.0
32	6.01	26.44	67.6	32.4	4.83	23.23	71.9	28.1	3.41	22.42	74.2	25.8	3.43	20.04	76.5	23.5	3.94	21.55	74.5	25.5	6.79	28.28	64.9	35.1
Ave	7.48	28.71	63.8	36.2	5.06	24.38	70.6	29.4	6.63	28.41	65.0	35.0	6.81	28.03	65.2	34.8	6.24	27.07	66.7	33.3	8.69	30.32	61.0	39.0

Appendix N

RCI Results 2011_13 (Using 4 years data on unclassified Roads)

Local authority Position

	Network				A Roads				B Roads				C Roads				Classified Roads				U Roads			
	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI	Red	Amber	Green	RCI
1	2.53	17.91	79.6	20.4	2.28	16.27	81.5	18.5	2.99	18.89	78.1	21.9	0.88	11.36	87.8	12.2	2.13	15.79	82.1	17.9	3.00	20.37	76.6	23.4
2	3.77	20.55	75.7	24.3	3.03	20.05	76.9	23.1	2.49	19.33	78.2	21.8	2.52	18.27	79.2	20.8	2.63	18.95	78.4	21.6	5.22	22.56	72.2	27.8
3	4.32	21.81	73.9	26.1	2.75	19.54	77.7	22.3	2.29	16.59	81.1	18.9	3.24	20.05	76.7	23.3	2.80	18.71	78.5	21.5	6.02	25.28	68.7	31.3
4	3.84	23.05	73.1	26.9	2.13	16.68	81.2	18.8	4.17	23.99	71.8	28.2	6.88	32.13	61.0	39.0	4.18	23.57	72.2	27.8	3.63	22.72	73.6	26.4
5	4.27	23.44	72.3	27.7	2.47	17.03	80.5	19.5	1.37	17.70	80.9	19.1	1.78	15.19	83.0	17.0	1.93	15.87	82.2	17.8	5.45	27.25	67.3	32.7
6	3.98	23.95	72.1	27.9	2.01	15.84	82.1	17.9	3.80	27.36	68.8	31.2	3.32	24.68	72.0	28.0	3.16	23.44	73.4	26.6	4.90	24.51	70.6	29.4
ACC	6.30	24.18	69.5	30.5	3.17	18.02	78.8	21.2	2.70	18.47	78.8	21.2	4.69	21.07	74.2	25.8	3.83	19.64	76.5	23.5	7.02	25.51	67.5	32.5
8	4.80	26.81	68.4	31.6	3.31	22.90	73.8	26.2	4.28	29.06	66.7	33.3	2.80	26.85	70.4	29.6	3.41	26.85	69.7	30.3	6.38	26.77	66.9	33.1
9	5.06	27.12	67.8	32.2	2.94	20.13	76.9	23.1	3.21	24.18	72.6	27.4	3.90	24.30	71.8	28.2	3.46	23.17	73.4	26.6	5.79	28.93	65.3	34.7
10	5.27	27.13	67.6	32.4	4.08	20.04	75.9	24.1	3.82	26.61	69.6	30.4	3.52	25.22	71.3	28.7	3.79	24.10	72.1	27.9	6.48	29.60	63.9	36.1
11	6.01	26.44	67.6	32.4	4.83	23.23	71.9	28.1	3.41	22.42	74.2	25.8	3.43	20.04	76.5	23.5	3.94	21.55	74.5	25.5	6.79	28.28	64.9	35.1
12	6.32	26.84	66.8	33.2	3.08	21.56	75.4	24.6	5.60	27.89	66.5	33.5	7.22	27.39	65.4	34.6	5.29	25.39	69.3	30.7	7.65	28.72	63.6	36.4
13	5.25	28.42	66.3	33.7	3.35	18.48	78.2	21.8	2.38	19.38	78.2	21.8	4.12	24.96	70.9	29.1	3.24	20.39	76.4	23.6	6.54	33.61	59.9	40.1
14	6.15	27.83	66.0	34.0	3.11	21.11	75.8	24.2	3.13	21.92	75.0	25.0	5.65	26.95	67.4	32.6	3.88	22.98	73.1	26.9	6.96	29.56	63.5	36.5
15	6.29	27.75	66.0	34.0	5.14	23.50	71.4	28.6	3.41	19.20	77.4	22.6	4.71	22.88	72.4	27.6	4.72	22.62	72.7	27.3	6.76	29.27	64.0	36.0
16	5.48	28.58	65.9	34.1	6.24	27.66	66.1	33.9	4.67	26.65	68.7	31.3	3.84	24.93	71.2	28.8	4.87	26.36	68.8	31.2	5.92	30.18	63.9	36.1
17	6.10	29.16	64.7	35.3	7.15	29.31	63.5	36.5	4.90	31.06	64.0	36.0	5.28	28.34	66.4	33.6	5.75	29.33	64.9	35.1	6.62	28.92	64.5	35.5
Ave	7.48	28.71	63.8	36.2	5.06	24.38	70.6	29.4	6.63	28.41	65.0	35.0	6.81	28.03	65.2	34.8	6.24	27.07	66.7	33.3	8.69	30.32	61.0	39.0
18	6.07	30.45	63.5	36.5	3.17	21.83	75.0	25.0	4.83	31.27	63.9	36.1	5.47	31.81	62.7	37.3	4.48	28.15	67.4	32.6	6.88	31.63	61.5	38.5
19	7.77	29.00	63.2	36.8	4.24	21.71	74.1	25.9	6.00	24.37	69.6	30.4	8.88	32.25	58.9	41.1	6.70	26.95	66.4	33.6	8.53	30.47	61.0	39.0
20	8.00	29.30	62.7	37.3	3.91	22.05	74.0	26.0	4.06	22.67	73.3	26.7	8.30	27.48	64.2	35.8	6.24	25.04	68.7	31.3	8.86	31.41	59.7	40.3
21	8.65	31.99	59.4	40.6	5.28	24.40	70.3	29.7	7.56	30.24	62.2	37.8	9.01	33.08	57.9	42.1	7.57	29.93	62.5	37.5	9.66	33.91	56.4	43.6
22	9.09	31.68	59.2	40.8	4.39	24.67	70.9	29.1	6.42	32.30	61.3	38.7	7.47	33.61	58.9	41.1	5.96	29.73	64.3	35.7	12.75	33.96	53.3	46.7
23	7.88	33.83	58.3	41.7	3.99	24.92	71.1	28.9	5.31	32.80	61.9	38.1	5.41	32.32	62.3	37.7	5.02	30.62	64.4	35.6	12.53	39.03	48.4	51.6
24	9.04	33.47	57.5	42.5	2.60	22.62	74.8	25.2	7.99	31.64	60.4	39.6	6.73	33.18	60.1	39.9	5.49	28.70	65.8	34.2	13.56	39.52	46.9	53.1
25	9.29	33.40	57.3	42.7	9.82	26.53	63.7	36.3	6.52	32.24	61.2	38.8	11.25	38.49	50.3	49.7	9.35	33.78	56.9	43.1	9.24	33.08	57.7	42.3
26	10.24	33.03	56.7	43.3	3.65	14.55	81.8	18.2	4.21	24.02	71.8	28.2	7.28	27.25	65.5	34.5	5.64	23.84	70.5	29.5	12.75	38.04	49.2	50.8
27	10.74	32.87	56.4	43.6	8.50	29.76	61.7	38.3	6.08	27.29	66.6	33.4	5.73	28.92	65.3	34.7	6.96	28.68	64.4	35.6	12.14	34.41	53.4	46.6
28	10.18	34.32	55.5	44.5	6.61	31.75	61.6	38.4	10.21	37.65	52.1	47.9	9.69	33.50	56.8	43.2	9.30	34.74	56.0	44.0	11.05	33.89	55.1	44.9
29	13.09	35.47	51.4	48.6	6.59	28.76	64.6	35.4	5.85	30.19	64.0	36.0	12.31	35.65	52.0	48.0	9.16	32.57	58.3	41.7	18.53	39.49	42.0	58.0
30	13.55	35.42	51.0	49.0	6.09	26.65	67.3	32.7	6.89	37.41	55.7	44.3	12.68	34.72	52.6	47.4	9.82	33.44	56.7	43.3	14.96	36.18	48.9	51.1
31	10.57	39.21	50.2	49.8	9.96	35.88	54.2	45.8	10.97	36.41	52.6	47.4	9.51	45.55	44.9	55.1	10.08	38.63	51.3	48.7	11.19	39.93	48.9	51.1
32	19.92	37.67	42.4	57.6	12.60	34.19	53.2	46.8	24.00	41.11	34.9	65.1	22.02	40.25	37.7	62.3	19.50	38.47	42.0	58.0	20.88	35.89	43.2	56.8