Inverclyde Roads

APSE most improved performer 2015 and 2016.

About Inverclyde Council

Inverclyde Council is the unitary local authority for the area of Inverclyde in the west of Scotland, approximately 25 miles west of Glasgow on the south bank of the River Clyde.

Inverciyde includes the towns of Greenock, Port Glasgow, Gourock and the villages of Kilmacolm, Inverkip, Wemyss Bay, and Quarrier's Village. It is bordered by Renfrewshire Council and North Ayrshire Council and by the River Clyde. It covers an area of 61 square miles and has a population of 85,000.



Some Roads Statistics

- Carriageway length 369 km
- Footway length 448 km
- Approx 10,500 gullies
- 11,750 lighting columns
- 12,300 lanterns
- 79 road bridges, 8 foot bridges, 71 culverts and 4 underpass
- 48% of the carriageway network receives precautionary treatment in winter
- 371 grit bins
- 8 traffic controlled junctions
- 20 pedestrian crossings
- Approx 700 trees

Press Comments on Inverciyde Roads

July 2010

- Council face £25k pothole pay-out August 2010
- Roads 'second worst in Scotland'
- Drivers going potty over roads
- £11 million to fix roads in Inverclyde
- Roads are 3rd worst in country January 2012
- Compensation for motorists on the rise
- Driver's plea to fix hole-hit roads
- Roads major concern for residents

Timeline of Roads Investment Strategy

- Approved at the October 2011 committee that the Environmental Services Head of Service would submit for approval a long term investment plan.
- EXP consultants given a brief towards end 2011.
- EXP commenced February 2012.
- As well as building a RAMP EXP were asked to put together an Investment Strategy to be submitted by September.
- Roads Asset Investment Strategy submitted to committee end August 2012 with 3 investment options over 5, 10 or 20 years. 10 year option was approved for carriageway, footways, lighting and structures.
- Allocated £29 million over 5 years with initial investment of £17 million over first 3 years approved.
- 61% of investment allocated to carriageway
- 11.5% allocated to footways.
- 15% allocated to lighting
- RAMP investment commenced April 2013.
- Additional staff seconded and additional temporary posts created to deliver the investment.
- First year spent developing systems and strategies to ensure the investment was delivered on time, efficiently and performance measured.
- From April 2014 a more structured approach in place to deliver a long term 3 year rolling programme.

Projected Condition Profile Over 10 year Investment





Road Asset Investment Strategy – Options Report
Contents
Executive Summary
Financial Need Projections
Carriageways
Footways
Street Lighting
Structures
Contingencies
Other Assets
Assets Not Included
Basis of Financial Need Projections
1 Carriagewa
1.1 Treatment Options and cost
1.2 Treatment Lifecycle
1.3 Carriageway Are
<u>1.4</u> Conditio
1.5 Treatment Efficience
1.6 Routine Reactive and Cyclic Maintenanc
1.7 Renewal Investment Scenario
1.7.1 Maintain Current Levels of Investmer
1.7.2 Maintain Steady State Loca
1.7.3 Remove backlog over a 5 year perio
1.7.4 Remove backlog over a 10 year perio
1.8 Backlog Remova
2 Footway
2.1 Treatment Options, Lifecycles & Cost
2.2 Footway Area
2.3 Conditio
2.4 Deterioration Predictio
2.5 Budget Vs Condition Scenario
2.6 Current Spending Level
2.7 Backlog Calculatio
2.8 Short Term Investment Requirement 7 Recommendation
7 Recommendation

ROAD ASSET INVESTMENT STRATEGY

Road Condition Analysis



How did we manage to deliver the investment

- By developing a 3 year rolling programme to target priority areas.
- Developing programmes to include surface preservation as well as resurfacing.
- By developing in-house systems to deliver and monitor the investment.
- By allocating in-house operation resources more efficiently.
- Improving coordination
- Improve procurement of materials , plant and Services by putting in place
 - Mini comps on excel
 - Plant hire frameworks
 - Minor civil works frameworks
 - Open Tenders
 - Quick quotes

To adjust for a new year enter date in B9 and all dates will autofill with including days of the week. Check and format weekends, update holidays and employees if applicable Custom paper size 33.11in x 23.39in

CAPITAL WORKS 2017-18

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CW17-103	Programmed	82810	6001 1083284	Ops		P	Moderate Irlay (>60mm to 100mm)	East	U		2 1	John Street	Full Length and Cul De Sacs	Greenock	1450.00			£44,000.00		54,000.00	Added as additional scheme	08/05/2017 12/05/20	7 Complete	500.00	15,371.13		31/03/201	7 1304/2017	26/04/2017	y	Mat test - Wear
CW17-105	Programmed	82808	6001 1083235	Ops		AC	Moderate Inlay (>60mm to 100mm)	Central	A	770	3 2	Eldon Street (Wood St to Esplanade)	Wood Street to Esplanade	Greenock	3230.00		HRA 30/14 F Sur 40/60 Rec 1a	£90,000.00		50,000.00		05/06/2017 09/06/201	7 Complete	740.00	33,821.06		02/05/201	7 26/05/2017	23/06/2017	Y	Mat test - base and wear
CW17-106	Programmed	82809	6001 1083236	Ops		AC	Moderate Inlay (>60mm to 100mm)	Central	A	770	3 13	Eldon Street (107 to 133)	107 to 133	Greenock	3000.00		HRA 30/14 F Sur 40/60 Rec 1a	£85,000.00		£85,000.00		12/06/2017 16/06/201	7 Complete	573.00 H	78,730.63		02/05/201	17 26/05/2017	23/06/2017	Y	Mat test - base and wear
CW17-104	Programmed	82811	6001 1083234	Ops		NJ	Moderate Inlay (>60mm to 100mm)	East	U		2 9	Lansbury Street	Smille St to Mitchell St	Greenock	3225.00		HRA 30/14 F Sur 40/60 Rec 1a	£97,000.00		£97,000.00		19/06/2017 30/06/20	7 Complete	230.00 H	82,992.22		12/05/201	7 26/05/2017	07/06/2017	Y	Mat test - base and wear. TTRO issued o SPT on 1215 due to impact on S
CW17-108	Programmed	82819	6001 1083238	Ops		NJ	Moderate Inlay (>60mm to 100mm)	East	A	761	1 4	Kilmacolin Road (Port Glasgow Campus to past Arran Ave)	Port Glasgow Campus to past Arran Ave	Port Glasgow	4381.00			£132,000.00		£132,000.00		03/07/2017 14/07/20	7 Complete	£	32,000.00		12/05/201	7 23/06/2017	13/06/2017	Y	Mat test - base and wear
CW17-107	Programmed	82818	6001 1083237	Ops		P	Moderate Irlay (>60mm to 100mm)	East	U		1 12	Dougliehill Tetace	Fullerigh	Port Glasgow	2146.00			£64,500.00		664,500.00		11/07/2017 18/07/20	7 Complete	ł	54,500.00		19106/201	17 06/07/2017	30/06/2017	Y	Visit test - Wear
CW17-110	Programmed	82814	6001 1083240	Ops		AC	Moderate Inlay (>60mm to 100mm)	Central	U		3 8	Prospecifiil Street	Durn Street to Ann Street	Greenock	3700.00			£100,000.00		£100,000.00		26/07/2017 04/08/20	7 Works On				30106/201	7 06/07/2017	12/07/2017	Y	Visit test - Wear
CW17-109	Programmed	82804	6001 1083239	Ops		AL.	Moderate Inlay (>60mm to 100mm)	West	A	770	5 3	CLOCH ROAD (Durnegan Ave to Faulds Park Rd)	Durnegan Avenue to Faulds Park Road (phase 2)	Gourock	3400.00			£90,000.00		50,00.0		07/08/2017 16/08/20	7 Complete :	550.00 B	57,297.68		30/06/201	17 2407/2017	12/07/2017	Y	Mat test - base and wear
CW17-253	Programmed	82821	6001 1090156	Ops		AL.	Patching	West	A	770	5 14	Share Street	Near jot Batch St to Health Centre car park	Gourock	1111.00		HRA 30/14 F Surf 40/60 REC 1A	£30,000.00		50,00.0		12/08/2017 13/08/20	7 Complete				04/07/2017	7 2407/2017	12/07/2017		Require 2days of peak
CW17-112	Programmed	82806	6001 1083242	Ops		AL.	Stuctural Inlay (> 100mm)	West	U		14	Elm Terrace		Gourock				£25,000.00		£25,000.00		14/08/2017 15/08/20	7 Complete				04/07/201	17 2407/2017	12/07/2017	Y	Mat test - Wear
CW17-255	Programmed	82821	6001 1090394	Ops		ų	Patching	West	U		6 1	Main Street	A78 to Langhouse Road	Inekip	662.00		HRA 30/14 F Suf 40/60 Rec 1A	£20,000.00		620,000.00		19/08/2017 21/08/20	7 Warks On				10/07/2017	7 07/08/2017	08/08/2017		Mat test - Wear
CW17-113	Programmed	82817	6001 1083243	Ops		NJ	Moderate Irlay (>60mm to 100mm)	East	В	786	1 5	Stepends Road	Last section towards boundary	Kimacolm	5050.00			£151,000.00		£151,000.00		21/08/2017 01/09/20	7 Works On				11/07/201	7 07/08/2017	08/08/2017	Y	Mat test - base and wear
CW17-340	Programmed	82821	6001 1090617	Ops		AC	Patching	Central	U		3 9	Rodurgh St / Orangefield	selected Length	Greenock	350.00			£11,000.00		£11,000.00		03/09/2017 03/09/201	1				10/08/201	1	21/08/2017		2 DAYS-(WEEKEND DUE TO LOCATION)
CW17-262	Programmed	82821	6001 1090580	Ops		MJ	Patching	East	U		1 12	Nid Arene	Between Southfield Avenue and Burnside Avenue	Port Glasgow	750.00			£20,000.00		£20,000.00		04092017 050920	1				15/08/2017		21/08/2017	Y	Visit test - Wear
CW17-232	Programmed	82821	6001 1090667	Ops		AC	Patching	Central	U		3 10	Laid Street	Daliymple St to West Blackhall St - selected lengths	Greenock	500.00			£14,000.00		£14,000.00		10(9/2017 10(9/20	1								1 DAY(SUNDAY DUE TO LOCATION)
CW17-261	Programmed	82821	6001 1090590	Ops		MJ	Patching	East	U		1 5	Lepperstone Avenue' Leperstone Road	FullAea	Klimacolin	1300.00			£16,000.00		£16,000.00		1409/2017 1509/201	1								Requires 2 days with road closure
CW17-114	Programmed	82807	6001 1083244	Ops		AC	Moderate Irlay (>60mm to 100mm)	Central	U		3 7	Container Way	A78 to Laird Street	Greenock	3500.00			£94,500.00		£94,500.00		18/09/2017 22/09/201	1							Ŷ	Mat test - base and wear
CW17-343	Programmed	82821	6001	Ops		AC	Patching	Central	U		5 8	Tarbet Street	at junction with Cardwell Rd	Greenock	200.00			£6,500.00		26,500.00		2409/2017 2409/20	1								1 DAY-During week
CW17-260	Programmed	82821	6001	Ops		NJ	Patching	East	U		1 17	Poplar Street	Between Cobham Street and Dianally Street	Greenock	400.00			£12,000.00		£12,000.00		25/09/2017 26/09/20	1							Y	Visit test - Wear
CW17-111	Programmed	82885	6001 1083241	Ops		Ц	Moderate Irlay (>60mm to 100mm)	West	U		5 11	Dunegan Avenue	Cloch Road to Tantalion Ave	Gourock	3800.00			£105,000.00		£105,000.00		09/10/2017 18/10/20	1							Y	Mat test - Wear
CW17-267	Programmed	82821	6001	Ops		,p	Patching	East	U		1	Nul Avenue		Port Glasgow	110.00		HRA 30/14 F Surf 40/60 Rec 1A	£8,000.00		58,001.00		22/03/2018 23/03/20	3							Ŷ	Mat test - Wear
CW17-125	Programmed	82620	6001	Contractor		Contractor	Thin Micro Surface	East	U		2 10	ALDERBANK ROAD	FULL LENGTH	Port Glasgow	613.00			E3,901.50		£3,901.50			Complete	75.00	63,901.50						
CW17-126	Programmed	82820	6001	Contractor		Contractor	Thin Micro Surface	East	U		2 11	ALDERBRAE	FULLLENGTH	Port Glasgow	800.00			£4,658.85		\$4,658.85			Complete	83.00	24,658.85						
CW17-127	Programmed	82820	6001	Contractor		Contractor	Thin Micro Surface	East	U		2 12	ALDERWOOD ROAD	FULL LENGTH	Port Glasgow	2954.00			£10,591.00		£10,591.00			Complete	780.00	10,591.00						

Other outcomes from improving through capital investment

- Decrease in number of Cat1 and Cat2 potholes.
- Increase in percentage of potholes repaired within the timescales of the Inspection Guidance Manual
- Drop in number of claims
- Little or no bad press comments
- Improving drainage schemes, where required , prior to carrying out resurfacing works
- Better value through improved procurement schemes.

Some information extracted from APSE returns.







Number of claims







Some other statistics on capital investment in Structures and Lighting

Lighting investment in LED replacements and column replacements

Year	Description	Value
2014/15	Luminaire ReplacementColumn Replacement	£ 100k £ 100K
2015/16	Luminaire ReplacementColumn Replacement	£200K £100K
2016/17	Luminaire replacementColumn replacement	£ 640k £ 200K
2017/18	Luminaire replacementColumn Replacement	£750k £1,000K

Structures investment in bridges, culverts and cattle grids

Year	Description	Value
2014/15	Replace footbridge	£13k
	Parapet Strengthening	£17k
	Replace Nittingshill Bridge	£521k
	Cattle grid replacement	£20k
	A761 replacement	£46k
2015/16	 Parapet Strengthening 	£42k
2016/17	Parapet Strengthening	£30k
	Remove retaining wall	£30k
	 Concrete slab over culvert 	£32k
2017/18	 Parapet Strengthening 	£120k

How is the investment monitored and checked for performance?

- Meetings are held with the Corporate Director on a 6 weekly basis to monitor the capital investment and to highlight any concerns to ensure the Service is meeting targets.
- Reports go to committee every 2 months
- Inverclyde's internal performance management system 'Inverclyde Performs' records information relating to defect management.
- There are regular financial monitoring meetings.
- CDIP's Corporate Development Improvement Plans are regularly reviewed to ensure Services are attaining outcomes.

Where do we go from here?

. This is the final year of the initial 5 year investment

.EXP provided with a brief last year to prepare phase 2 of the Investment Strategy and to prepare the RAMP Maintenance Manual inline with the RAMP 2 workshops.

. Presentation by EXP to committee with committee report offering the following options over a 5 year period from 2018-2023

Maintain steady state (£8.1m) £7.5m Total Roads Capital Investment £15m Total Roads Capital Investment £22.5m Total Roads Capital Investment Continue to remove the worst condition assets (£18.9m)

. Option 3 was recommended and approved by the committee.



Pride of Inverclyde Awards 2017

Chief Executive's Award: Roads, Highways and Winter Maintenance

The Chief Executive's award is a special award presented to the individual or team the Chief Executive has chosen because of a significant contribution to service delivery in the council. This year's award was presented to the Aubrey Fawcett presents Chief Executive's award -Steve Walker and the team at roads, highways and Winter maintenance - Neil Orr, Jane Corrie, Elaine Provan, Brenda McDonald and Kevin Burns.

