

The Highland Council

**Caithness Committee
25 April 2016**

Agenda Item	6.
Report No	CC/09/16

Maintenance Programme for Roads and Bridges

Report by Director of Community Services

Summary

This report invites Members to approve the Maintenance Programmes for Roads and Bridges for the Caithness Area for 2016/17.

1. Background

- 1.1 The 2016/17 budget allocation for road maintenance operations, and its distribution between the eight new Local Committee areas, is due to be presented to the Community Services Committee at its meeting on 28th April 2016. This report therefore outlines the proposal for road maintenance in accordance with the current draft budget and may be subject to change following the result of that meeting.
- 1.2 The proposed Community Services Committee local allocations can be found at **(Appendix 1)** to this report.

2. Budget Allocation

- 2.1 The Road Maintenance budgets are allocated under the following headings:
- **Winter Maintenance (Revenue)**
 - **Cyclic Maintenance (Revenue)** including:
 - Verge maintenance
 - Road Marking Renewal
 - Sign Maintenance
 - Drainage Maintenance
 - Gully Cleansing
 - Footpath Maintenance
 - Patching Repairs
 - Other Cyclic and Routine Maintenance
 - **Structural Maintenance (Capital)** including:
 - Structural – Resurfacing (Overlay/Inlay)
 - Structural Integrity Improvements
 - Surface Dressing

- Bridge Maintenance
- **Additional Capital** including:
 - Structural Road Maintenance
 - Road Markings
 - Bridge Maintenance

2.3 For operational purposes this report combines the budget allocations for Structural Resurfacing, Structural Integrity Improvements and Additional Capital as these operations are a pre-cursor to Surface Dressing operations in subsequent years.

2.4 This report focuses on the 2016/17 programmes for:

- Structural – Resurfacing (Overlay/Inlay) and Surface Dressing (**Appendix 2**) and
- Bridge Maintenance (**Appendix 3**)

3. Road Structural Maintenance Programmes

3.1 Schemes were selected for inclusion in these programmes on the basis of need using information gathered from the following sources and have been prioritised with the safety of the travelling public and sustainability of the road network as the main objectives.

- Scottish Road Maintenance Condition Survey (SRMCS) data.
- Safety Inspections
- Service Inspections
- Input and feedback from Ward Members

4. Bridge Maintenance

4.1 Schemes were selected for inclusion in this programme on the basis of defects reported during the programmed cycle of Principal and General Inspections on bridges in excess of 5.0 metres.

4.2 Only relatively minor works of a non-specialist, routine maintenance type nature, are generally included in the works programme. More significant works are included in the Capital Programme funded separately. The Bridge Maintenance programme also includes repair and replacement of Cattle Grids.

5. Implications

5.1 The combined programme for Structural Resurfacing and Structural Integrity Improvements enables the Council to meet its duty under the Roads (Scotland) Act 1984 within the Local Committee area.

5.2 This report has no impact on Equality, Gaelic, Climate Change or Carbon Clever considerations. However, there may be rural considerations where the

lower road usage levels and distances between communities reduce the opportunity to maximize the impact of investment decisions when compared to more densely populated area /roads with greater usage levels.

- 5.3 All work will be managed within budget allocations from a resource perspective with the Council delivering its legal responsibilities.

6. Recommendation	
6.1	Members are invited to: Approve the Maintenance Programmes for Roads and Bridges for the Caithness Area for 2016/17.

Designation: Director of Community Services

Date: 13th April 2016

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Appendix 1

Draft Roads Budget Allocation - Year 2016/17 - Ver 1.2

Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathspey	Lochaber	Inverness
Parameters										
Total Road Length (km)	6,747		761.2	1,336.8	1,651.1	618.2	303.4	387.2	670.6	1,018.9
Urban Road Length (km)	999		108.5	109.8	194.4	35.0	51.6	71.3	73.1	355.4
Number of Bridges	1,332		93	282	308	112	32	96	230	179
Population (Year 2011)	232,132		26,486	13,820	56,666	10,177	12,566	13,664	19,930	78,823
Gullies (WDM db)	43,181		3,773	2,254	11,141	1,256	2,006	2,654	3,532	16,565
Winter Allocation	100%	1.86%	11.06%	19.41%	27.07%	7.70%	2.71%	7.96%	6.10%	16.14%
Weighted Mileage	100%		10.97%	19.51%	24.36%	8.81%	4.46%	5.65%	9.90%	16.34%
Watercourse	100%		11.07%	16.49%	24.37%	7.82%	4.67%	5.70%	9.61%	20.26%
Structural Maint. (SRMCS)	100%		10.94%	17.72%	22.63%	11.23%	3.56%	5.74%	12.31%	15.87%
Surface Dressing (SRMCS)	100%		14.38%	12.13%	20.36%	11.29%	3.94%	8.70%	12.27%	16.94%
REVENUE										
Winter Allocation	£4,981,756	£92,624	£550,736	£967,177	£1,348,772	£383,359	£135,066	£396,441	£303,771	£803,809
Cyclic Maintenance	£5,356,389	£20,000	£585,548	£1,040,917	£1,300,145	£469,972	£238,134	£301,355	£528,214	£872,105
Drainage	£203,588		£22,339	£39,712	£49,602	£17,930	£9,085	£11,497	£20,152	£33,272
Gully Emptying	£300,000		£26,213	£15,660	£77,402	£8,726	£13,937	£18,439	£24,539	£115,085
Bridge Structural Maintenance	£607,042		£42,384	£128,518	£140,367	£51,043	£14,584	£43,751	£104,820	£81,577
Safety Barriers (Bid to HQ)	£250,000	£250,000								
Water Course Maintenance (Bid to HQ)	£250,000	£250,000								
Total Revenue Budget	£11,948,775	£612,624	£1,227,219	£2,191,984	£2,916,288	£931,029	£410,805	£771,483	£981,495	£1,905,848
CAPITAL										
Structural - Overlay/Inlay	£1,150,000		£125,822	£203,773	£260,216	£129,162	£40,904	£66,026	£141,599	£182,498
Structural Integrity Improvements	£1,500,000		£379,775	£447,688	£0	£0	£112,493	£216,659	£368,684	£0
Surface Dressing	£1,500,000		£0	£0	£644,777	£337,784	£0	£0	£0	£492,140
Bridge Maintenance (HQ/CSE)	£350,000	£350,000								
Total Capital Budget	£4,500,000	£350,000	£505,597	£651,462	£904,994	£466,945	£153,397	£282,685	£510,283	£674,638
Additional Capital (£24.3M Year 1)										
Structural Road Maint (SRMCS)	£2,150,000		£235,232	£380,967	£486,491	£241,477	£76,473	£123,440	£264,728	£341,191
Road Markings (HQ/Area)/(Road Length)	£150,000	£150,000								
Bridge Maintenance (CSE)	£400,000	£400,000								
Total Additional Capital	£2,700,000	£550,000	£235,232	£380,967	£486,491	£241,477	£76,473	£123,440	£264,728	£341,191
Grand Total Capital	£7,200,000	£900,000	£740,829	£1,032,429	£1,391,485	£708,422	£229,870	£406,125	£775,011	£1,015,829

Appendix 2

Resurfacing Programme 2016/17

Ward	Route	Location	Length (m)	Width (m)	Road area (sq m)	Comments
2 - Thurso	C1025	Mountpleasant Brae	100	1.2	120	
	U4209	Sinclair St jct	50	1.2	60	
	B874	Ormlie road	100	1.2	120	
3 – Wick	U3494	Riverside Car Park	50	3	150	
	U3667	South Quay	100	4	400	
	C1041	Broadhaven Rd	150	1.2	180	
	U3785	Wick Cemetery Rd	260	5	1300	Additional Capital
	U2440	Noss Head Rd	200	1.2	240	
4 – Caithness Landward	U2834	Clyth Mains	50	8	400	Middle section
	U2144	Hill of Forss	750	3	2250	
	B874	Buckies	500	1.2	600	
	C1001	Bardnaclavan	220	1.2	264	
	C1001	Water Plant Houses	53	1.2	64	
	A882	Wick – Georgemas Rd	600	1.2	720	
	U1137	Ploverhill Rd, Reiss	100	3	300	
	B874	Hoy – Watten Mains	100	1.2	120	
	A836	Thurso – John O Groats Rd	400	1.2	480	
	B870	Mybster – Watten Rd	200	1.2	240	
	A826	Thurso – Reay	300	1.2	360	
	C1001	Isauld – Glengolly Rd at Janetstown	250	1.2	300	
	U1763	Bowertower Mains Rd	760	3	2280	Additional Capital
U1569	Sonsiquoy Rd	190	3	570	Additional Capital	

Appendix 3

Bridge Maintenance Programme 2016/17

Ward	Bridge code	Bridge Name	Description of works	Comments
4 – Caithness Landward	A08360400	Forse	Repairs to bulging retaining wall	
	C10060020	Lyth	Repairs damaged spandrel wall following traffic accident. Motorist unknown and unable to pursue insurance	
	U19410020	Broubster	Repairs to toe of embankment and rock armour to protect structure	