

HIGHLAND COUNCIL

Committee: Lochaber Area

Date: 10 April 2019

Report Title: Roads Maintenance Programme 2019/20

Report By: Director of Community Services

1. Purpose/Executive Summary

- 1.1 This report details the proposed 2019/20 Roads Maintenance Programme for Lochaber Area.

2. Recommendations

- 2.1 Members are asked to approve the proposed 2019/20 Roads Maintenance Programme for Lochaber Area.

3. Background

- 3.1 This report outlines the proposed road maintenance programme for 2019/20 in accordance with the approved budget.
- 3.2 The Environment, Development and Infrastructure Committee local allocations budget has only just been determined. Consequently the roads maintenance programme is based on the 2018/19 budget. Should the Roads budget change significantly then the programme will either be curtailed or increased as appropriate.

The approved 2018/19 local allocations budget can be found in **Appendix 1** to this report.

4. Budget Allocation

- 4.1 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
 - Bridge Maintenance (minor repairs and maintenance)
 - Other Cyclic and Routine Maintenance
- Structural Maintenance (Capital) including:-
 - Surface Dressing
 - Structural – Resurfacing (Overlay/Inlay)
 - Structural Integrity Improvements
 - Additional Structural Road Maintenance

- 4.2 For operational purposes this report combines the budget allocations for Capital Budgets 1 and 2.

5. Road Structural Maintenance Programme

- 5.1 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 and communities

- 5.2 The 2019/20 programme is included in **Appendix 2**.

6. Implications

- 6.1 Resource – All work will be managed within budget allocations from a resource perspective with the Council delivering its legal responsibilities.
- 6.2 Legal – The Council undertakes the Road Maintenance Programme for the Lochaber area in its duty as local roads authority under the Roads (Scotland) Act 1984.
- 6.3 Community (Equality, Poverty and Rural) – Due to the rural nature of the Highlands, communities and socio-economics are dependent on the roads network.
- 6.4 Climate Change / Carbon Clever – Road Recycling plus preventative maintenance techniques such as Surface Dressing contribute more to sustainability than resource intensive requirements like Road Resurfacing (Overlay/Inlay).
- 6.5 Risk – Increased deterioration of the road network correlates directly with lack of investment.
- 6.6 Gaelic – Roads Services, such as road signage, operate within the Council's Gaelic Language Policy.

Designation: Director of Community Services

Date: 26 March 2019

Author: Richard Porteous, Roads Operations Manager -
Lochaber, Nairn and Badenoch and Strathspey.

Roads Budget Allocation 2018/19

Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathspey	Lochaber	Inverness
Parameters										
Total Road Length (km)	6,746		761.2	1,336.8	1,650.9	618.1	302.3	387.4	670.4	1,019.4
Urban Road Length (km)	1,113		124.1	109.8	305.1	35.0	54.6	71.4	72.0	341.0
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)	44,610		4,835	2,491	11,522	878	2,006	2,653	3,653	16,572
Winter Allocation	100%	1.63%	10.81%	20.79%	22.13%	11.06%	2.17%	8.64%	5.58%	17.19%
Weighted Mileage	100%		10.96%	19.49%	24.34%	8.80%	4.43%	5.65%	9.92%	16.42%
Watercourse	100%		11.06%	16.48%	24.36%	7.82%	4.65%	5.70%	9.62%	20.32%
Structural Maint. (SRMCS)	100%		10.61%	17.38%	22.53%	11.68%	4.16%	5.93%	12.19%	15.52%
Surface Dressing (SRMCS)	100%		12.43%	11.38%	21.13%	11.59%	4.44%	8.68%	12.70%	17.64%
REVENUE										
Winter Allocation	£4,981,756	£81,256	£538,686	£1,035,459	£1,102,447	£550,970	£107,912	£430,403	£278,048	£856,575
Cyclic Maintenance	£5,196,389	£20,000	£567,424	£1,008,769	£1,259,954	£455,437	£229,284	£292,222	£513,383	£849,917
Drainage	£203,588		£22,317	£39,675	£49,554	£17,912	£9,018	£11,493	£20,191	£33,427
Spray Injection (THC vehicle)	£100,000		£11,282	£19,815	£24,471	£9,162	£4,481	£5,742	£9,937	£15,110
Gully Emptying	£300,000		£32,515	£16,752	£77,485	£5,905	£13,490	£17,841	£24,566	£111,446
Bridges - Structural Maintenance	£477,042		£33,307	£100,995	£110,307	£40,112	£11,460	£34,381	£82,372	£64,107
Bridges - Principal Inspections	£185,000	£185,000								
Cattle Grids (Bid to HQ)	£50,000	£50,000								
Safety Barriers (Bid to HQ)	£215,000	£215,000								
Water Course Maintenance (Bid to HQ)	£120,000	£120,000								
Total Revenue Budget	£11,828,775	£671,256	£1,205,531	£2,221,465	£2,624,218	£1,079,497	£375,645	£792,083	£928,498	£1,930,582
Capital Budget No 1 (£4.5m)										
Structural - Overlay/Inlay	£1,150,000		£121,981	£199,921	£259,114	£134,368	£47,823	£68,168	£140,198	£178,427
Surface Dressing	£1,850,000		£229,966	£210,545	£390,899	£214,475	£82,202	£160,630	£235,032	£326,252
Structural Integrity	£1,150,000		£121,981	£199,921	£259,114	£134,368	£47,823	£68,168	£140,198	£178,427
Bridge Maintenance (HQ/Structures)	£350,000	£350,000								
Sub-Total Capital Budget No 1	£4,500,000	£350,000	£473,927	£610,387	£909,127	£483,211	£177,849	£296,965	£515,427	£683,106
Capital Budget No 2 (£3.7m)										
Structural Road Maint (SRMCS)	£890,000		£94,403	£154,722	£200,532	£103,989	£37,011	£52,756	£108,501	£138,087
Surface Dressing (SRMCS)	£890,000		£110,632	£101,289	£188,054	£103,180	£39,546	£77,276	£113,069	£156,954
Winter Damage / Potholes (SRMCS)	£1,000,000		£106,070	£173,845	£225,317	£116,842	£41,586	£59,276	£121,911	£155,154
Road Markings	£100,000	£100,000								
Bridge Maintenance (Structures/Areas)	£180,000	£180,000								
Timber Transport Routes (STTS)	£500,000	£500,000								
Cattle Grids (Bid to HQ)	£70,000	£70,000								
Safety Barriers (Bid to HQ)	£70,000	£70,000								
Sub-Total Capital Budget No 2	£3,700,000	£920,000	£311,105	£429,856	£613,903	£324,011	£118,143	£189,308	£343,481	£450,194
Total Capital Budget	£8,200,000	£1,270,000	£785,032	£1,040,243	£1,523,030	£807,222	£295,992	£486,274	£858,908	£1,133,300

Lochaber Area Road Maintenance 2019/20

Structural Inlay/Overlay/Integrity Improvements						
	Route	Description	Width	Length	Area	Treatment
1	A861	Drumsallie Junction	24	25	600	Inlay
2	B8007	Loch Muidle	5.6	945	5292	Overlay
3	U1325	Arivegaig Road	3.8	820	3116	Recycle
4	U1673	Allt Beith Township	3.8	410	1558	Recycle
5	U1231	Bohuntinville Road	3.7	300	1110	Recycle
6	U1010	Loch Treig Road	3.8	1400	5320	Recycle
7	Various	Impact Patching				Patching
8						
9						
10						

AGENDA ITEM 7
REPORT NO. LA/10/19 – APPENDIX 2.1

Lochaber Area Committee 10 April 2019

Roads Maintenance Programme 2019/20

Appendix 2.1 – Latest budget information and updated roads works lists

Summary of information provided in this Appendix 2.1:

1. The Highlands Roads Budget Allocation Year 2019/20 - Version 1.1 (Provisional) – is now available (see Item 1 on page 3 of this Appendix 2.1).
2. Last year's 2018/19 Highland total was £20,028,775 (see Appendix 1 of the main committee report).
3. This year, 2019/20, it is £19,528,775 which is approximately £500,000 lower because although Revenue has increased by £1.5 million, Capital has decreased by £2 million.
4. Static or reducing budgets combined with inflation mean that the Revenue budget Highland-wide is now extremely tight, including for Lochaber area.
5. The current Revenue budget will cover our Labour and Plant costs, plus road Salt required for Winter Maintenance.
6. However there are limited resources available for Materials required for Cyclical Works (Patching, Verging, Markings, Signs, Drainage, Gully Emptying, Footpaths, Minor Bridge Repairs, etc.).
7. Therefore we must undertake a significant proportion of Capital funded works ourselves (using our own direct labour and plant), to free-up time and therefore Revenue budget money for the Materials that we need for Cyclical works. (Lists of outstanding Cyclical works – Revenue budget – are in Item 2 of this Appendix 2.1 on pages 9 -12, total estimated value £1,229,840).
8. The Capital work that we undertake ourselves tends to be Surface Dressing (last year) or Road Recycling (this year), plus significant Patching (approximately £200,000 and £100,000 respectively).
9. This £300,000 represents over half of the area Capital budget, consequently as the budget becomes tighter, less and less Capital money is available for Capital Surfacing Works undertaken by Contractor.
10. Hence the short list of such Contractor schemes in Lochaber again this year, value £180,000 comprising: A861 Drumsallie junction, B8007 Loch Mudle, plus Jetpatcher hire (see Appendix 2 of the main committee report).
11. Contractor schemes therefore represent less than half of our £570,512 Capital allocation, and are just 3.5% of the £5,088,455 of Lochaber Capital works identified (see Item 2 on

page 4 of this Appendix 2.1 – Lochaber Area Potential Roads Works List Updated 2019/20).

12. Because the Revenue budget is all allocated in covering our overheads and road Salt, our only remaining contingency from our total Lochaber Area Roads budget of £1,660,959 (Capital + Revenue) is the unallocated Capital of approximately £100,000 (6%).
13. Such contingencies may include a severe Winter, or Emergency weather event, or capacity to accommodate local improvement schemes such as alterations to speed limits or introducing speed indicator devices (SIDS) (where no other funding is available from HQ Road Safety, Safer Routes to Schools, or 20 mph schemes, or Scottish Timber Transport Scheme (STTS) for example.

Item 1 – Roads Budget Allocation 2019/20 – Version 1.1 (Provisional)

Item	Description	Total	HQ	Caithness	Sutherland	Ross & Cromarty	Island of Skye	Nairn	Badenoch & Strathspey	Lochaber	Inverness
	Parameters										
1	Total Road Length (km)	6,746		761.2	1,336.8	1,650.9	618.1	302.3	387.4	670.4	1,019.4
2	Urban Road Length (km)	1,113		124.1	109.8	305.1	35.0	54.6	71.4	72.0	341.0
3	Number of Bridges	1,332		93	282	308	112	32	96	230	179
4	Population (Year 2011)	232,132		26,486	13,820	56,666	10,177	12,566	13,664	19,930	78,823
5	Gullies (WDM db)	44,610		4,835	2,491	11,522	878	2,006	2,653	3,653	16,572
6	Winter Allocation	100%	1.62%	9.41%	21.69%	22.69%	9.99%	2.29%	9.36%	6.09%	16.85%
7	Weighted Mileage	100%		10.96%	19.49%	24.34%	8.80%	4.43%	5.65%	9.92%	16.42%
8	Watercourse	100%		11.06%	16.48%	24.36%	7.82%	4.65%	5.70%	9.62%	20.32%
9	Structural Maint. (SRMCS)	100%		10.35%	17.67%	22.40%	11.55%	4.37%	6.34%	11.26%	16.06%
10	Surface Dressing (SRMCS)	100%		11.98%	12.59%	20.06%	12.34%	4.35%	9.67%	11.12%	17.88%
	REVENUE										
21	Winter Allocation	£4,980,000	£80,892	£468,849	£1,080,284	£1,129,716	£497,553	£114,283	£466,234	£303,236	£838,953
22	Cyclic Maintenance	£6,573,775	£20,000	£718,410	£1,277,192	£1,595,215	£576,624	£290,294	£369,980	£649,990	£1,076,071
23	Drainage	£200,000		£21,924	£38,976	£48,681	£17,597		£11,291	£19,836	£32,838
24	Spray Injection (THC vehicle)	£100,000		£11,282	£19,815	£24,471	£9,162	£4,481	£5,742	£9,937	£15,110
25	Gully Emptying	£300,000		£32,515	£16,752	£77,485	£5,905	£13,490	£17,841	£24,566	£111,446
26	Bridges - Structural Maintenance	£480,000		£33,514	£101,622	£110,991	£40,360	£11,532	£34,595	£82,883	£64,505
27	Bridge Inspections	£200,000	£200,000								
28	Cattle Grids (Bid to HQ)	£80,000	£80,000								
29	Safety Barriers (Bid to HQ)	£275,000	£275,000								
30	Water Course Maintenance (Bid to HQ)	£80,000	£80,000								
31	Asset Management (Mobile Working)	£60,000	£60,000								
	Total Revenue Budget	£13,328,775	£795,892	£1,286,493	£2,534,641	£2,986,558	£1,147,200	£442,938	£905,682	£1,090,447	£2,138,923
	Capital Budget (£6.2M)										
32	Structural - Overlay/Inlay	£3,090,000		£319,811	£545,901	£692,149	£356,953	£135,164	£195,758	£348,015	£496,248
33	Surface Dressing	£2,000,000		£239,652	£251,819	£401,155	£246,755	£87,054	£193,423	£222,497	£357,645
34	Timber Transport Routes (STTS)	£500,000	£500,000								
35	Bridge Maintenance (HQ/Structures)	£350,000	£350,000								
36	Road Markings	£60,000	£60,000								
37	Weather Stations (Icelert)	£50,000	£50,000								
38	Transportation Infrastructure (Bid to HQ)	£50,000	£50,000								
39	Cattle Grids (Bid to HQ)	£45,000	£45,000								
40	Safety Barriers (Bid to HQ)	£45,000	£45,000								
41	SCRIM	£10,000	£10,000								
	Total Capital	£6,200,000	£1,110,000	£559,464	£797,721	£1,093,304	£603,707	£222,218	£389,181	£570,512	£853,894
		£19,528,775									

Item 2 – Lochaber Area Potential Roads Works List Updated 2019/20

Summary page

Structural Capital Spend		
Scheme Type	Current Reviewed Value	Scheme Type Total
A Class Road resurfacing	£582,352.00	£3,416,660.00
B Class Road resurfacing	£996,204.00	
C Class Road resurfacing	£739,511.00	
U Class Road resurfacing	£1,098,593.00	
Drainage	£228,000.00	£228,000.00
Patching	£246,000.00	£246,000.00
Surface Dressing Capital Spend		
Surface Dressing	£293,795.00	£293,795.00
Drainage	£68,000.00	£68,000.00
Patching	£91,500.00	£91,500.00
Recycling Capital Spend		
Recycling	£744,500.00	£744,500.00
Current Reviewed Capital Total		£5,088,455.00
Revenue Spend		
Scheme Type	Current Reviewed Value	Scheme Type Total
Structures,Road Restraint & Grids	£359,200.00	£1,229,840.00
Cyclic Verging	£127,000.00	
Cyclic Road Markings	£77,000.00	
Cyclic Signs & Bollards	£57,000.00	
Cyclic Footways & Cycleways	£108,000.00	
Cyclic Patching	£162,000.00	
Cyclic Gully Emptying	£68,480.00	
Cyclic Drainage	£271,160.00	
Current Reviewed Revenue Total		£1,229,840.00

Capital (pages 5 to 8)

		ROADS MAINTENANCE - PROPOSALS FOR STRUCTURAL REPAIR						
		UPDATED					29/03/2019	
Project Number	Route Number	Location of Work	Description of Work	Road Hierarchy	Symology Notice ✓	Comments	ESTIMATED JOB COST	Priority Rank (1, 2 or 3)
STRUCTURAL CAPITAL								
A Class Roads								
	A861	Drumsallie Junction	Inlay			Onhold	£40,000	1
	A861	Mingarry	Overlay			Onhold	£52,419	2
	A861	Red Rocks to Inverscaddle	Overlay			Onhold	£143,146	2
	A861	Treslaig to Inverscaddle	Overlay			Onhold	£236,589	2
	A884	Liddesdale Hill	Overlay			Onhold	£110,198	2
A Class Road Surfacing Sub totals							£582,352	
B Class Roads								
	B8007	Back of the Ben to Allt Torr Na Moine	Overlay			Onhold	£46,293	1
	B8007	Loch Muidle Grid	Overlay			Onhold	£117,246	1
	B8043	Kingairloch	Machine Patching			Onhold	£88,474	1
	B8044	Ardtoe Road - Kenra	Overlay			Onhold	£155,771	1
	B8008	Morar Level Crossing	Inlay			Onhold	£18,869	1
	B8044	Ardtoe Road - Newton Jt to foot of hill	Overlay			Onhold	£23,000	2
	B849	Drimnin Road Section 1	Overlay			Onhold	£30,679	2
	B849	Drimnin Road Section 2	Overlay			Onhold	£25,939	2
	B849	Drimnin Road Section 3	Overlay			Onhold	£25,295	2
	B849	Drimnin Road Section 4	Overlay			Onhold	£107,427	2
	B863	Leven Road KLL	Inlay			Onhold	£53,422	2
	B8007	Glenmore Distillery	Overlay			Onhold	£11,471	3
	B8007	B8007 Dolphin Cottage, Camasinas	Overlay			Onhold	£19,538	3
	B863	Caolasnacon KLL	Overlay			Onhold	£21,314	3
	B863	Carness to Callart	Overlay			Onhold	£99,466	3
	B8005	Bunarkaig	Overlay			Onhold	£32,000	
	B8004	Banavie to Gairloch (various)	Overlay			Onhold	£120,000	3
B Class Surfacing Sub Total							£996,204	

C Class Roads								
	C1094	Glen Etive - End of Public Road	Overlay			Onhold	£96,561	2
	C1094	Glen Etive - Dalness House	Overlay			Onhold	£67,289	2
	C1094	Glen Etive - Levels	Overlay			Onhold	£117,258	2
	C1188	Strontian - Bellgrove Road	Overlay			Onhold	£51,499	2
	C1144	Tomdoun Fish Farm	Overlay			Onhold	£64,983	3
	C1150	Loch Morar Road	Overlay			Onhold	£153,918	3
	C1153	Loch Arkaig	Overlay			Onhold	£51,008	3
	C1164	Blarmafoldach Section 1	Overlay			Onhold	£34,116	3
	C1164	Blarmafoldach Section 2	Overlay			Onhold	£31,871	3
	C1168	Ski Tow Road Whitecorries	Overlay			Onhold	£71,008	3
C Class Area Surfacing Sub Total							£739,511	
U Class Roads								
	U1006	Insh Rd Railway Br to Mahaar House Access	Overlay			Onhold	£21,464	2
	U1006	Insh Rd Killiechonate Lodge Access to Railway Br	Overlay			Onhold	£41,628	2
	U1006	Insh Rd Panel Br to Killiechonate Lodge Access	Overlay			Onhold	£43,634	2
	U1006	Insh Rd Turning Head to Panel Bridge	Overlay			Onhold	£21,466	2
	U1010	Fersit Rd Inverlair Br to Forest Access at Whitehouse	Overlay			Onhold	£41,374	2
	U1010	Fersit Rd Forest Access at Whitehouse to Laire Br	Overlay			Onhold	£34,103	2
	U1010	Fersit Rd Laire Br to End of Public Rd	Overlay			Onhold	£72,303	2
	U1317	Ariundle Road	Overlay			Onhold	£26,332	2
	U2231	Connochie Road	Inlay			Onhold	£14,941	2
	U1019	Bohinie Road	Overlay			Onhold	£43,000	3
	U1035	Kilfinnan Rd	Overlay			Onhold	£39,000	3
	U1110	Druimindarroch Road	Overlay			Onhold	£10,178	3
	U1132h	Morrison Crescent KLL	Inlay			Onhold	£17,160	3
	U1150	Spean Crescent	Inlay			Onhold	£21,500	3
	U1154a	Abrach Road	Inlay			Onhold	£16,210	3
	U1154h	Lochy Road	Inlay			Onhold	£25,605	3
	U1162a	General Wades Rd KLL	Inlay			Onhold	£77,186	3
	U1162b	Rob Roy Rd KLL	Inlay			Onhold	£26,596	3
	U1162h	Brown Terrace KLL	Inlay			Onhold	£18,945	3
	U1166	Clunes Avenue Caol	Inlay			Onhold	£56,992	3
	U1199	Camisky Lodge Road	Overlay			Onhold	£7,972	3
	U1273	Altour Road Sp Br	Inlay			Onhold	£28,251	3
	U1293	Mallaig Point Ind Est	Inlay			Onhold	£62,104	3
	U1309	Kinloch Teacuis	Overlay			Onhold	£119,983	3
	U1693	Garbienn Crescent KLL	Inlay			Onhold	£5,000	3
	U	Lochview Estate Roads	Inlay			Onhold	£73,000	3
	U1154	Inverlochry Roads	Inlay			Onhold	£132,666	3
U Class Area Surfacing Sub Total							£1,098,593	
Estimated Value of Listed Surfacing Schemes							£3,416,660	

STRUCTURAL CAPITAL - DRAINAGE								
	B8004	Banavie - Muirshearlach Culverts	Culverts & Embankment			Onhold	£55,000	1
	U1768	East Laroeh (Loan Fern)	Culvert Replacement			Onhold	£90,000	1
	A861	Acharacle Footway Extension	Pipe existing ditches			Onhold	£18,000	2
	A884	Sunnart Side	Scrub Removal			Onhold	£30,000	2
	C1188	Anahielt	Culvert replacement			Onhold	£35,000	2
CAPITAL STRUCTURAL MAINT - DRAINAGE Sub total							£228,000	
STRUCTURAL CAPITAL - PATCHING								
		Various Locations Lochaber - see WDM Works Orders	Jet Patcher Hire			Onhold	£60,000	2
		Various Locations Lochaber - see WDM Works Orders	DLO Hot Patching			Onhold	£50,000	2
	B8004	Banavie - Commando Memorial - Permanent Patching (Hand)	DLO Hot Patching			Onhold	£14,000	2
	B8005	Gairlochy to Clunes	DLO Hot Patching			Onhold	£5,000	2
	B8006	Caol	DLO Hot Patching			Onhold	£12,000	2
	B8007	Salen to Kilchoan	DLO Hot Patching			Onhold	£40,000	2
	B8008	Arisaig to Morar	DLO Hot Patching			Onhold	£15,000	2
	B8043	Kingairloch to A861 Junction	DLO Hot Patching			Onhold	£30,000	2
	B849	Lochaline to Drimnin	DLO Hot Patching			Onhold	£20,000	2
CAPITAL STRUCTURAL MAINT - PATCHING Sub total							£246,000	

SURFACE DRESSING CAPITAL									
	A884	Sunnart Side	Surface Dressing			Onhold	£128,150	1	
	B8043	Kingairloch Road Section 1 (Old Surfacing)	Surface Dressing			Onhold	£41,040	1	
	B8043	Kingairloch Road Section 2 (New Surfacing)	Surface Dressing			Onhold	£124,605	1	
		CAPITAL SURFACE DRESSING Sub total						£293,795	
SURFACE DRESSING CAPITAL - DRAINAGE									
	A861	Acharacle Footway Extension	form kerbed rural footway			Onhold	£28,000	2	
	A861	Various locations	Scrub Removal			Onhold	£30,000	1	
	B8043	Kingairloch Road Section 1 (Old Surfacing)	Ditch and headwall construction			Onhold	£5,000	2	
	B8043	Kingairloch Road Section 2 (New Surfacing)	Ditch and headwall construction			Onhold	£5,000	2	
		CAPITAL SURFACE DRESSING - DRAINAGE Sub total						£68,000	
SURFACE DRESSING CAPITAL - PATCHING									
		Various Locations - Lochaber	Jet Patcher Hire			Onhold	£60,000	1	
	A884	Sunnart Side	Pre-patching			Onhold	£9,000	2	
	B8043	Kingairloch Road Section 1 (Old Surfacing)	Pre-patching			Onhold	£15,000	2	
	B8043	Kingairloch Road Section 2 (New Surfacing)	Pre-patching			Onhold	£7,500	2	
		CAPITAL SURFACE DRESSING - PATCHING Sub total						£91,500	
SURFACE RECYCLING CAPITAL									
	U1010	Loch Trieg	Recycling			Onhold	£78,500	1	
	U1231	Bohuntinville	Recycling			Onhold	£19,000	1	
	U1325	Arivegaig	Recycling			Onhold	£48,500	1	
	U1673	Allt Beith	Recycling			Onhold	£26,000	1	
	C1094	Glen Etive Section 1	Recycling			Onhold	£62,000	2	
	C1094	Glen Etive Section 2	Recycling			Onhold	£69,000	2	
	C1094	Glen Etive Section 3	Recycling			Onhold	£176,000	2	
	U1309	Loch Teacuis	Recycling			Onhold	£102,000	2	
	C1153	Loch Arkaig Ph2	Recycling			Onhold	£57,500	2	
	C1150	Bracara Road	Recycling			Onhold	£32,000	2	
	U1207	Kinloch Hourm Hill	Recycling			Onhold	£43,000	2	
	U1317	Ariundle Branch Road	Recycling			Onhold	£31,000	2	
		CAPITAL SURFACE RECYCLING Sub total						£744,500	

Revenue (pages 9 to 12)

REVENUE ROADS MAINTENANCE								
		UPDATED	03/04/2019					
Scheme Number	Route Number	Location of Work	Description of Work	Road Hierarchy	Symology Notice ✓	Comments	Estimate	Priority Ranking (1, 2 or 3)
STRUCTURES, ROAD RESTRAINT SYSTEMS & GRIDS								
		Bridges General				Onhold	£10,000	1
		grids - general maint.				Onhold	£10,000	1
	A861	A861 Blaich Br	Reinstate washout at RSS base			Onhold	£1,000	1
	A861	A861 Faircith	Wing wall washout repairs & remove small tree from inlet			Onhold	£3,500	2
	A861	A861 Allt Chaluin Br	Repair scour at outfall			Onhold	£2,000	2
	A861	A861 Doire Na Muice Br	Repair erosion at inlet			Onhold	£3,000	2
	A861	A861 Crochaiche Br	Repair spalling to deck soffit			Onhold	£1,000	2
	A884	A884 Lochaline Rd RRS	General & minor maint., safety rail			Onhold	£40,000	1
	B8007	B8007 Laga bridge	Clear trees and vegetation			Onhold	£4,300	2
	B849	B849 retaining walls	Lochaline - Achabeg			Onhold	£40,000	2
	B863	Invercoe Bridge	Repair abutment washout			Onhold	£20,000	2
	C1153	Salachan Bridge	Tree removal and parapet repair			Onhold	£3,000	2
	C1156	C1156 Kilmonivaig Culvert	Replace damaged parapets and repair scour between pipes at outfall			Onhold	£5,000	2
	C1192	C11920010 Allt Daraich Br	Clear vegetation			Onhold	£4,000	2
	C1192	C11920040 Ockle Br	Repair invert scour and clear offlets			Onhold	£1,000	2
	C1192	C1192 Swordale Br	repalce parapet top tube			Onhold	£500	2
	C1192	C11920015 Allt An Leth-Uillt Br	Remove debris from invert			Onhold	£7,000	3
	U1006	U10060020 Cour Br	Various see PI report			Onhold	£5,250	2
	U1015	Glen Roy 2nd Timber deck bridge	Replace deck and beams			Onhold	£80,000	2
	U1015	U10150020 Bhreac Achaidh Br	parapet repairs			Onhold	£400	2
	U1015	U10150030 NanEun Br	Replace anti skid & scoured invert			Onhold	£750	2
	U1015	Bhreac Achaidh Br (Glenroy)	strengthening			Onhold	£50,000	2
	U1027	U1027 Low Br	Repair accident damage to parapets			Onhold	£5,000	2
	U1086	Nth Morar -Tarbet Road - Bridges	Timber Deck Repairs			Onhold	£10,000	1
	U1277	U1277 Drium Na Saille Br	Remove trees from spandrel and parapet walls			Onhold	£25,000	2
	U1317	U13170010 Aryundle Br	Clear vegetation			Onhold	£8,000	3
	U1325	U13250009 Arivegaig Br	Parapet and embankment repairs			Onhold	£3,500	3
	U1341	Happy Valley Safety Barrier	concrete barrier			Onhold	£10,000	3
	U1345	U13450010 Achateny Br	Invert repairs			Onhold	£6,000	2
	U1673	U16730010 Beithe Br	Harden verges & remove tree			Onhold	£11,000	2
		Structures, Road Restraint systems and Grids				Estimated Spend	£359,200	
						Un-Allocated		

ROUTINE & CYCLIC MAINTENANCE								
Verge maintenance								
		Various Locations	general maintenance				£20,000	1
	A861	A861 Drumsallie to Ardgour	general maintenance				£10,000	2
	A861	A861 Ardgour to Acharacle	general maintenance				£15,000	2
	A861	A861 Acharacle to Kinlochmoidart	general maintenance				£10,000	2
	A861	A861 Kinlochmoidart to Lochailort	general maintenance				£10,000	2
	A884	A884 Sunnart Side	general maintenance				£10,000	2
	A884	A884 Lochaline Area	general maintenance				£10,000	2
	B8004	B8004 Moy Farm to Strone Farm	Edge Strengthening & general maintenance				£10,000	2
	B8004	B8004 Muirshealach	reconstruct sunken verge.				£15,000	2
	B8005	B8005 Gairloch to 1st New Bridge	general maintenance				£4,000	2
	C1164	Blarnafoldach Road	general maintenance				£4,000	2
	U1015	Glen Roy Road	general maintenance				£5,000	2
	U1019	Bohenie Road	general maintenance				£4,000	2
		Cyclic Verging				Estimated Spend	£127,000	
							Un-Allocated	
		Road Markings						
		Various Locations Hand lining					£2,000	1
		Fort William	Refresh junctions and yellows				£5,000	2
		Ballachulish	Refresh junctions and yellows				£5,000	2
		Kinlochleven	Refresh junctions and yellows				£5,000	2
		Strontian	Refresh junctions and yellows				£5,000	2
		Mallaig	Refresh junctions and yellows				£5,000	2
		Various Locations Machine laid	refresh long lines				£20,000	2
		Morar Village Green anti skid Pedestrian route	Refresh antiskid for shared surface				£30,000	2
		Cyclic Road Markings				Estimated Spend	£77,000	
							Un-Allocated	
		Signs & Bollards						
		Various Locations					£10,000	1
	A861	Ardgour to Carnoch	Replace Faded Sign Plates				£12,000	2
	A861	Drumsallie to Lochailort	Replace Corroded Sign Poles				£30,000	2
	A884	Carnoch to Lochaline	Replace Corroded Sign Poles				£5,000	2
		Lochaber General	Replace Corroded Sign Poles				£20,000	2
		Cyclic Signs & Bollards				Estimated Spend	£57,000	
							Un-Allocated	

Footways & Cycleways								
		Various Locations	General Mintenance			£10,000	1	
		High Street	Repairs			£20,000	1	
		Bruce Place	Replace 30m footway and front kerb			£8,000	3	
		Corriehoillie Rd Sp Br	Construct footway			£22,000	3	
		Earl of Inverness Road footway resurfacing @ traffic calming	resurface footway due to tree root damage			£8,000	3	
		Various Locations	Micro Asphalt Footway surface treatments by DLO			£40,000	2	
		Cyclic Footways & Cycleways				Estimated Spend	£108,000	
						Un-Allocated		
		Patching						
		Various Locations	General permanent patching			£50,000	1	
		A861 Acharacle to Drynie Hill	permanent patching			£20,000	2	
		B8004 Banavie to Gairloch	Edge patching			£25,000	2	
		B8007 Salen to Kilchoan	Edge patching			£50,000	2	
		Argyll Rd / Kennedy Rd	Perm patch			£5,000	3	
		B863 South Side - Colesnacon	Perm patch			£8,000	3	
		Loch Nevis Terr Area Mallaig	Perm patch			£4,000	3	
		Cyclic Patching				Estimated Spend	£162,000	
						Un-Allocated		
		Gully Emptying						
		Fort William, Claggan & Inverloch	33 days			onhold	£21,120	1
		Corpach, Banavie, Caol, Lochyside & Lochybridge	27 days			onhold	£17,280	1
		Kinlochleven	12 days			onhold	£7,680	1
		Glencoe / Ballachulish	7 days			onhold	£4,480	1
		Spean Br / Roybridge	12 days			onhold	£7,680	1
		Strontian, Lochaline, Acharacle & Ardgour	6 days			onhold	£3,840	1
		Arisaig, Morar & Mallaig	9 days			onhold	£5,760	1
		Invergarry	1 day			onhold	£640	1
		Cyclic Gully Emptying				Estimated Spend	£68,480	
						Un-Allocated		

		Drainage						
		Drainage General	General Maintenance				£30,000	1
		Fort William Area	Gully Replacement				£17,000	2
		Fort William Area	Gully Frame Resetting				£5,000	2
		Fort William Area	Provide New Gullies				£3,000	2
		Ballachulish & Kinlochleven Area	Gully Replacement				£8,000	2
		Ballachulish & Kinlochleven Area	Gully Frame Resetting				£2,000	2
		Ballachulish & Kinlochleven Area	Provide New Gullies				£2,000	2
		Mallaig, Morar & Arisaig Area	Gully Replacement				£1,000	2
		Mallaig, Morar & Arisaig Area	Gully Frame Resetting				£600	2
		Mallaig, Morar & Arisaig Area	Provide New Gullies				£1,000	2
		North of Fort William Area	Gully Replacement				£8,000	2
		North of Fort William Area	Gully Frame Resetting				£3,000	2
		North of Fort William Area	Provide New Gullies				£1,000	2
		West Area	Gully Replacement				£4,000	2
		West Area	Gully Frame Resetting				£1,000	2
		West Area	Provide New Gullies				£1,000	2
		Dorlinn Road Acharacle	3km ditch, verge , offlets and scrub				£12,000	2
		B8007 Glenborodale to Ockle Jt	3km ditch, verge, offlets and scrub				£12,000	2
		B8007 Ockle Jt to Kilchoan	2km ditch, verge, offlets and scrub				£8,000	2
		B863 Nth Side	4km ditch, verge, offlets and scrub				£16,000	2
		Druimindarroch Road Arisaig	1km ditch, verge and offlets				£6,000	2
		Lochiel Road Inverlochy	Gully pot replacement				£5,000	2
		Fersit Road	2km ditch, verge , offlets and scrub				£8,000	2
		B8043 Kingairloch Road	3km ditch, verge and offlets				£12,000	2
		Polloch Road	1500m ditch verge and offlets				£6,000	2
		CYCLIC DRAINAGE				Estimated Spend	£271,160	
						Un-Allocated		
		CYCLIC BUDGET				Estimated Spend	£870,640	