

REPORT TO GARIOCH AREA COMMITTEE – 19 MARCH 2019

ROAD MAINTENANCE PROGRAMME 2019-20

1 Recommendations

The Committee is recommended to approve the Area Road Maintenance Programme as detailed in Appendix A to this report.

2 Background / Discussion

- 2.1 A good road infrastructure is vital for a rural authority like Aberdeenshire and an efficient and effective maintenance programme is essential.
- 2.2 Aberdeenshire's infrastructure includes some 3,500 miles of carriageways, 995 miles of footways, 1440 bridges and 44,600 streetlights.
- 2.3 The Revenue Budget 2019 – 24 was approved by Full Council on 14 February 2019. For financial year 2019-20 it includes a figure of £12,235,000 to Road Maintenance, and £4,529,000 to Winter Maintenance and Other Emergencies.
- 2.4 The Capital Plan 2019 – 34 was also approved on 14 February 2019. For financial year 2019-20 it includes an allowance of £11,750,000 for Roads Resurfacing and Reconstruction, £1,200,000 for Road Drainage, £1,334,000 for Street Lighting Works, £1,750,000 for Bridges & Structures and £475,000 for Quarries.
- 2.5 £1,029,000 was received in 2018-19 as a contribution to roads maintenance works required as a direct consequence of AWPR construction work. The repair works began in 2018-19 but a number of schemes are programmed for construction in 2019-20. Any unspent contribution has therefore carried over into 2019-20. At the time of writing this carry over is projected to be £506,000.
- 2.6 At the time of writing, no funding from NESTRANS for Strategic Road Maintenance in 2019-20 has been confirmed, and therefore the Road Maintenance Programme does not include any works with NESTRANS as a funding source.
- 2.7 The Service operates a Road Fund to manage annual variation. The opening balance within the Fund is expected to be £543,000
- 2.8 Authority to decide resource matters for Infrastructure Services rests with Infrastructure Services Committee and the allocation of the available budgetary resources to functions will be presented to ISC on 15 March 2019.
- 2.9 The available funding as detailed in 2.3 to 2.6 above has been distributed to various Roads Maintenance activities, and where applicable distributed by Council area. The Roads Asset Management Plan approved by Infrastructure Services Committee on 4 October 2012 details the principles used to allocate

available resources to maintenance activities to maximise the benefit of expenditure and prolong the life of the road asset.

- 2.10 The availability of funding can be dynamic during the year. Additional budget can become available from external and internal sources. There can be increases or shortfalls in expenditure, schemes may be delayed because of unforeseen circumstances, the Roads Asset Management Plan may reprioritises schemes to maximise cost benefits, the closing financial position at the end of 2018/ 2019 may vary from that projected at the time of writing this report. The Service needs to be able to react to changing budgetary positions. As budget availability changes the Service shall reallocate budget based on the principles outlined in 2.9 above.
- 2.11 Appendix A shows a proposed annual works programme for the Garioch Area. A Reserve List of schemes is also included. Schemes will be drawn from this list should any additional funding become available during the year, if there is a shortfall in expenditure, if any scheme is delayed because of unforeseen circumstances, or if the Roads Asset Management Plan reprioritises schemes to maximise cost benefits. Similarly schemes within the Main List may move to the Reserve List if final funding levels change, such as the closing financial position at the end of 2018/ 2019 varying from that projected at the time of writing this report. The Reserve List comprises a list of higher priority outstanding work. There are many pieces of desirable work that have not made the Reserve List. This Committee may prioritise Revenue expenditure estimates and comment on capital projects. As stated in 2.8, Infrastructure Services will exercise their power to decide resource issues by considering the allocation of budgets by activity and Area; this Committee, when exercising its power to prioritise Revenue expenditure should therefore do so within the allocated activity budget.
- 2.12 The Head of Finance and Monitoring Officer within Business Services have been consulted in the preparation of this report and their comments are incorporated within the report and are satisfied that the report complies with the Scheme of Governance and relevant legislation.

3 Scheme of Governance

- 3.1 The Committee is able to consider and approve this item in terms of Section B.1.1, 6.1. and 6.2 of the List of Committee Powers in Part 2A of the Scheme of Governance it may determine any matter that is specific to their Area not otherwise properly delegated to any other Committee, prioritise Revenue expenditure estimates, comment on capital projects and make recommendations to Infrastructure Services Committee.

4 Implications and Risk

- 4.1 An equality impact assessment is not required because the works programme does not have a differential impact on any of the protected characteristics.
- 4.2 There are no staffing implications arising from this report.

- 4.3 A Town Centre First Impact Assessment (TCFIA) was carried out and is appended as Appendix B to this report. There is a positive impact as follows:
Well-maintained carriageway, footway and street lighting infrastructure is important to the economic, wellbeing and social success of Aberdeenshire's towns.
There is a negative impact as follows: disruption to road users during the works. The impact on town centres affected during works will be considered on a case by case basis and the impact will be minimised as much as possible.
- 4.4 The following Risk has been identified as relevant to this matter on a Corporate Level.
Link to Corporate Risk Register:
<https://www.aberdeenshire.gov.uk/media/23595/20181128-aberdeenshire-corporate-risks-update.pdf>
ACORP001, Budget pressures
Failure to carry out the RMP would expose the Council to a higher risk of increased financial liability from claims on accidents and incidents on the road network due to lack of maintenance.
ACORP006, Reputation management (including social media)
Failure to carry out the RMP would expose the Council to damaged reputation nationally and also across all social media platforms for failure to maintain assets to the required standard.
ACORP009, Operational risk management (including health & safety)
Failure to carry out the RMP would expose the Council to a higher risk in regards to the health and safety of network users on Council assets.
No Risks have been identified at a Strategic Level.
- 4.5 The costs of the Works Programme will be met from the Road Maintenance allocations as detailed in paragraphs 2.3 to 2.7

Stephen Archer
Director of Infrastructure Services

Report prepared by Bill Lennox, Roads Quality & Resources Manager
Date 27 February 2019

ABERDEENSHIRE COUNCIL

INFRASTRUCTURE SERVICES

ROAD MAINTENANCE PROGRAMME 2019/2020

GARIOCH

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INFRASTRUCTURE SERVICES

ROAD MAINTENANCE PROGRAMME 2019/2020

BUDGET SUMMARY - MAIN LIST
GARIOCH

Road Maintenance - Revenue

<i>General Maintenance Works</i>	873,000
<i>Structural Maintenance Works</i>	
Footway Works	96,000
Traffic Works	68,000
Sign Replacement	36,000
Other Works - Land / Embankments	6,000
Other Works - Drainage	-
<i>Lighting</i>	
Electricity	355,000
Maintenance	67,000
Testing	-
Improvements	-
Public Service & Statutory Duties	292,000
Fixed costs including Overheads, Central Administration, Accommodation Charges and Staff Costs	167,000
Sub Total	1,960,000

Winter Maintenance & Emergency Works - Revenue

Snow clearing gritting & pre-salting	506,000
Fixed costs including Overheads, Central Administration, Accommodation Charges and Staff Costs	65,000
Sub Total	571,000

Drainage - Capital

Drainage Capital Improvements	191,000
Fixed costs including Overheads, Central Administration, Accommodation Charges and Staff Costs	14,000
Sub Total	205,000

ABERDEENSHIRE COUNCIL

INFRASTRUCTURE SERVICES

ROAD MAINTENANCE PROGRAMME 2019/2020

BUDGET SUMMARY - MAIN LIST
GARIOCH

Lighting - Capital

Energy Reduction Measures	311,000
Capital Improvements	45,000
Fixed costs including Overheads, Central Administration, Accommodation Charges and Staff Costs	7,000

Sub-Total 363,000

Resurfacing and Surface Dressing - Capital

Resurfacing Works	120,000
Resurfacing Works (NESTRANS)	-
Reconstruction Works	84,000
Surface Dressing Works	1,360,000
Surface Dressing Works (NESTRANS)	-
AWPR Works	93,000
Fixed costs including Overheads, Central Administration, Accommodation Charges and Staff Costs	50,000

Sub-Total 1,707,000

Grand Total 4,806,000

ABERDEENSHIRE COUNCIL

INFRASTRUCTURE SERVICES

GENERAL MAINTENANCE BUDGET 2019/2020

GARIOCH

Description	Estimate £
Patching Carriageways Reactive	134,300
Patching Carriageways Planned	385,100
Patching Footways Reactive	1,600
Patching Footways Planned	800
Drainage & Culverts Reactive	78,000
Ground Maintenance Essential Routine	95,700
Ground Maintenance Non Routine (Discretionary)	7,400
Ground Maintenance Full Width Cut Planned	25,800
Tree/Hedge Maintenance Reactive	6,000
Verge Repairs Reactive	5,600
Other Maintenance	47,900
Safety Fences Reactive Repairs	-
Boundary Fences Reactive Repairs	-
Gully Emptying	71,000
Incident Response	13,800
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	873,000

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
RESURFACING WORKS**

Road No or Communit	Location and Description	Ward(s)	Project No	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)	Eng
<u>Resurfacing Works - T&I Funded</u>								
B979	Fintray Road, Blackburn - Asphalt Inlay	12		500	3,600	23.00	83,000	
Inverurie	Constitution Street - Asphalt Inlay	11		205	1,000	37.00	37,000	
Total				705	4,600		£ 120,000	

ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
RECONSTRUCTION WORKS

Road No or Communit	Location and Description	Ward(s)	Project No	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
<u>Reconstruction Works - T&I Funded</u>							
B9001	Balhalgardy to Stewarts Trailers (Phase 1)	10			2000	42.00	84,000
	Total			0	2,000		£ 84,000

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS**

Road No or Community	Location and Description	Ward(s)	Project No	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)	Eng
<u>Surface Dressing Works</u>								
A920	A96(T) to B992 Cairnhill	10		2580	17000	4.40	74,800	
A920	B992 Cairnhill to Tocherford Smiddy	10		1800	11800	4.40	51,920	
A944	B993 Junction Tillyfourne to Little Ley	13		945	6300	4.40	27,720	
A944	Millbank between speed limits	13		680	4500	4.40	19,800	
B977	Hatton of Fintray (south entry) to C67c Kinmuck Junction	12		1200	7500	4.40	33,000	
B977	Garthy Cottages to C67c Junction	12		950	5800	4.40	25,520	
B977	Tillyfoddie to Upper mains	13		3110	17700	4.40	77,880	
B979	Carnie Roundabout to South of Westside	13		1000	6200	4.40	27,280	
B979	U91c Auchincleuch Xrds to Kirkton of Skene	13		1940	11000	4.40	48,400	
B992	Auchleven to Marr Boundary	10		3200	19800	4.40	87,120	
B993	Newmill Road to Moss-side	12		2500	15200	4.40	66,880	
B9119	Garlogie Village between Speed limits	13		1120	6900	4.40	30,360	
B9119	South Monecht to U150c Garrick	13		1965	11600	4.40	51,040	
Blackburn	Badger Rise/View	12		300	1600	4.40	7,040	
Blackburn	Sett Road	12		115	650	4.40	2,860	
Blackburn	Brockwood Park / Place / Crescent	12		600	3500	4.40	15,400	
Blackburn	Marcus Crescent	12		305	1800	4.40	7,920	
Blackburn	Marcus Road/Drive/Gardens	12		615	3800	4.40	16,720	
Blackburn	Bishop Forbes Crescent	12		740	4800	4.40	21,120	
Blackburn	Kirkhill View	12		255	1400	4.40	6,160	
Insch	North Road	10		250	1650	4.40	7,260	
Insch	South Road to East of High Street	10		800	5200	4.40	22,880	
Insch	Market Street to Gateway	10		440	2550	4.40	11,220	
Insch	Denwell Road	10		585	3800	4.40	16,720	

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS**

Road No or Community	Location and Description	Ward(s)	Project No	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)	Eng
Kemnay	Wilson Place	10		110	650	4.40	2,860	
Kemnay	John Gray Drive	10		104	600	4.40	2,640	
Kemnay	Fraser Place	10		710	4600	4.40	20,240	
Kemnay	Wood Gardens	10		170	1250	4.40	5,500	
Kemnay	Bennachie View	10		225	1250	4.40	5,500	
Kemnay	Alexander Crescent	10		280	1650	4.40	7,260	
Kemnay	Morrison Place	10		135	800	4.40	3,520	
Kemnay	McCombie Crescent	10		215	1250	4.40	5,500	
Kemnay	Paradise Road (Part High Street to Kendall Road)	10		154	950	4.40	4,180	
Newmachar	School Road	12		632	4600	4.40	20,240	
Westhill	Old Skene Road	13		1265	10200	4.40	44,880	
Westhill	Westdyke Avenue	13		600	3800	4.40	16,720	
Westhill	Wellgrove Road	13		660	4800	4.40	21,120	
<u>Surface Dressing Preparation Works</u>								
B993	C107c Junction to Marr Boundary	13			720	45.00	32,400	
C62C	B993 Fawells to Blair Cottage	12			2650	45.00	119,250	
C62C	B979 to C64C Disblair Road	12			2850	45.00	128,250	
C62S	Auchleven to Leslie Airfield	10			2800	45.00	126,000	
U91C	Auchincleuch Xrds to Westhill	13			820	45.00	36,900	
				33255	218290			
						1,360,000		

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS**

Road No or Community	Location and Description	Ward(s)	Project No	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)	Eng
<u>AWPR Surface Dressing Works</u>								
B977	Moss Side to Formartine Boundary	12		1385	10130	4.40	44,600	
B997	Parkhill Xrds to City Boundary	12		1730	11000	4.40	48,400	
				0	0		93,000	

ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
FOOTWAY WORKS

Road No or Community	Location and Description	Ward(s)	Project No	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)	Eng
<u>Reconstruction/Resurfacing/Provision of New Facilities</u>								
Inverurie	Blackhall Road from Victoria Street to 1st Bus Stop	11		40	150	60.00	9,000.00	
Inverurie	North Street from opposite Speyside Stoves to Allan Place	11		145	340	45.00	15,300.00	
Inverurie	North Street from Allan Place to Wrights Lane	11		100	180	45.00	8,100.00	
<u>Reinstatements</u>								
Westhill	Old Skene Road	13			500	40.00	20,000.00	
<u>Slurry Sealing</u>								
Dunecht	Tillybrig - Slurry Seal	13		250	400	4.00	1,600.00	
Kemnay	Bremner Way Area - Slurry Seal	10		3250	6,500	4.00	26,000.00	
Westhill	Cairnie View / Loch View / Westhill	13		2335	4,000	4.00	16,000.00	
Total							£ 96,000	

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
TRAFFIC WORKS**

Road No or Community	Location and Description	Ward(s)	Project No	Estimate (£)
ALL	Renewal of Screed Roadmarkings and Reflector Studs	ALL		21,300
ALL	Renewal of Sprayed Roadmarkings	ALL		25,000
ALL	Maintenance of Traffic Signs and Bollards	ALL		11,900
ALL	New Signs, Roadmakrings & Ancillaries	ALL		9,800
			Total	£ 68,000

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SIGN REPLACEMENT**

Road No or Community	Location and Description	Ward(s)	Project No	Estimate (£)
Garioch North	General Sign & Marker Post Renewals	10,11,12		18,000
Garioch South	General Sign & Marker Post Renewals	10,12,13		18,000
		Total		<u>£ 36,000</u>

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
OTHER WORKS**

Road No or Community	Location and Description	Ward(s)	Project No	Estimate (£)	Eng
All	Other Works - Land/Embankments	All		6,000	
			Total	<u>£6,000</u>	

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
LIGHTING**

Road No or Community	Location and Description	Ward(s)	Project No	Estimate (£)	Eng
ALL	Capital Lighting Improvements - Energy Reduction Measures	ALL		311,000	
Westhill	Capital Lighting Improvements - Lawsondale Area (Phase 2)	13	L1	45,000	
		Total		£ 356,000	

ABERDEENSHIRE COUNCIL

INFRASTRUCTURE SERVICES

ROAD MAINTENANCE PROGRAMME 2018/2019

BUDGET SUMMARY - RESERVE LIST

GARIOCH

Road Maintenance	Estimate £
Resurfacing Works	1,001,150
Reconstruction Works	248,000
Surface Dressing Works	2,659,850
Footway Works	135,980
Traffic Works	89,000
Sign Replacement	50,000
Other Works	281,800
Lighting - Column Replacement	230,000

TOTAL £4,695,780

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
RESURFACING WORKS**

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
Insch	Charles Street - Asphalt Inlay	10	220	1,000	63.00	63,000
Insch	Church Terrace / Street / Avenue - Asphalt Inlay		520	3,700	27.00	99,900
Insch	Gordon Terrace / Commercial Road Junction - Asphalt Inlay		80	800	40.00	32,000
Insch	Market Street - Asphalt Inlay	10	220	1,750	29.00	50,750
Inverurie	Station Road / Burn Lane Junction - Asphalt Inlay		70	600	50.00	30,000
Inverurie	Mortimers Lane Junction - Asphalt Inlay		30	200	57.00	11,400
Inverurie	Victoria Street - Asphalt Inlay		135	1,100	42.00	46,200
Inverurie	Strathburn Gardens - Asphalt Inlay		260	1,700	30.00	51,000
Inverurie	St James Place Roundabout - Asphalt Inlay		110	1,100	38.00	41,800
Inverurie	Constitution Street - Asphalt Inlay		205	2,000	38.00	76,000
Kemnay	Gordon Road - Asphalt Inlay		130	850	34.00	28,900
Newmachar	Disblair Road - Asphalt Inlay		285	1900	40.00	76,000
Old Rayne	Strathorn Road - Bitmac Inlay	10	250	1,300	28.00	36,400
Westhill	Beechwood Gardens - Asphalt Inlay		160	1,000	31.00	31,000
Westhill	Enterprise Drive - Asphalt Inlay		660	5,400	28.00	151,200
Westhill	Kinmundy Drive - Asphalt Inlay			1,600	45.00	72,000
Westhill	Westhill Drive - Asphalt Inlay		425	3,700	28.00	103,600
Total			3760	29,700		£ 1,001,150

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
RECONSTRUCTION WORKS**

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
B9001	Balhalgardy to Stewarts Trailers (Phase 2)			4000	42.00	168,000
C117C	NSG 85606806 U118C near Westerton to Mains of Afforsk access road - Edge Repair	10	300	600	80.00	24,000
C117C	NSG 85606803 Warrenside via Chapel of Garioch to U118C near Westerton	10	400	800	80.00	32,000
U91C	NSG 85607351 Sclattiebrae road to B979 southwest of Auchinclech - Edge Repair	13	300	600	80.00	24,000
Total				1,000	2,000	£ 248,000

Total				2000	8,000	£ 496,000
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ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
<u>Surface Dressing Works</u>						
B993	PU90 Junction to Stoneyhill Junction	11	1,400	8,800	5.20	45,800
C68S	B9002 to High Street	10	770	4,300	5.20	17,200
C68S	Colpy to U68S Junction at Wrangham	10	670	2,700	5.20	10,800
C109C	U110C Home Farm to A944 Ordhead	13	2,100	10,900	5.20	56,700
C116S	U118C Burnhervie to Birchbank	10	1,940	8,150	5.20	42,400
C117C	U118C Broadsea to Burnhervie Junction	10	3,130	12,525	5.20	65,100
U60C	Scotsmill to City Boundary	12	330	1,200	5.20	6,200
U63C	A947 Straloch to Home Farm	12	1,488	7,600	5.20	39,500
U84C	Westerton to C83C Durno School	10	2,739	11,225	5.20	58,400
U97C	Hill of Kier Road, Westhill	13	830	3,725	5.20	19,400
U101C	B979 Junction to Aquherton	12	1,460	5,100	5.20	26,500
U146C	C142C to Mains of Corsindae	13	1,240	4,400	5.20	22,900
Blackburn	Averon Park / Denview		245	1,400	5.20	7,300
Blackburn	Dalrymple Circle		400	2,040	5.20	10,600
Blackburn	Dean's Well/The Neuk		155	855	5.20	4,400
Blackburn	Kinmohr Rise		220	1,235	5.20	6,400
Blackburn	Tappie View		85	480	5.20	2,500
Blackburn	Tradlin Circle		565	3,335	5.20	17,300
Blackburn	Whin Path		65	350	5.20	1,800
Insch	Alexander Street		210	1580	5.20	8,200
Insch	Beechcroft Terrace		140	990	5.20	5,100
Insch	Dunnydeer Gardens		460	2220	5.20	11,500
Insch	Dunnydeer Park		340	2200	5.20	11,400
Insch	Dunnydeer Place		125	820	5.20	4,300
Insch	Dunnydeer View		410	2300	5.20	12,000
Insch	George Street		270	1785	5.20	9,300

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS**

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
Inverurie	Ardtannies Place (Small Plant)		40	315	5.20	1,600
Inverurie	Bennachie Avenue/Maryfield Crescent		325	1750	5.20	9,100
Inverurie	Beverley Road		90	560	5.20	2,900
Inverurie	Buddiefarrow (Small Plant)		90	840	5.20	4,400
Inverurie	Canal Crescent (Port Elphinstone)		105	675	5.20	3,500
Inverurie	Cobban's Lane		95	500	5.20	2,600
Inverurie	Corsman Gardens (Small Plant)		50	605	5.20	3,100
Inverurie	Cunninghill Avenue (including the link roads to Cunninghill Road)		450	3075	5.20	16,000
Inverurie	Fairway Avenue		210	1575	5.20	8,200
Inverurie	George Square		395	3500	5.20	18,200
Inverurie	Golf Park		220	680	5.20	3,500
Inverurie	Keithhall Road, Inverurie (Ury Bridge to Scottish Water Jct)		200	1250	5.20	6,500
Inverurie	North Street Conglass Road to Speed limit		620	4250	5.20	22,100
Inverurie	Oldmeldrum Road, Inverurie Traffic light to School		1500	10500	5.20	54,600
Inverurie	Rastieley Road (Small Plant)		80	560	5.20	2,900
Inverurie	St Andrew's Gardens / Glebe Road		400	2375	5.20	12,400
Inverurie	Upperboat Place (Small Plant)		130	1020	5.20	5,300
Inverurie	Urydale		140	970	5.20	5,000
Inverurie	Victoria Terrace (Port Elphinstone)		150	900	5.20	4,700
Inverurie	Western Road		175	650	5.20	3,400
Kintore	Allandale Gardens / Strachan Cottages / Airlie House		340	2060	5.20	10,700
Kintore	Bruce Walk		115	700	5.20	3,600
Kintore	Craigbank / Ladywell Road / Lochburn Brae / Briggie Wynd		670	4720	5.20	24,500
Kintore	East Park Road No's 36-50		140	880	5.20	4,600
Kintore	Eastburn Road		200	1230	5.20	6,400
Kintore	Howieslap		85	710	5.20	3,700

ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
Kintore	Ogilvie Crescent / Henderson Drive / Crescent / Park		1350	8160	5.20	42,400
Kintore	Wellpark Gardens		100	740	5.20	3,800
Kemnay	Bridge Road		312	1930	5.20	10,000
Kemnay	Heron Road		181	1260	5.20	6,600
Kemnay	Minto Circle		294	2130	5.20	11,100
Kemnay	Riverside Drive		130	770	5.20	4,000
Kemnay	Shannoch Drive		185	1400	5.20	7,300
Kemnay	St John's Gardens		110	850	5.20	4,400
Newmachar	Corsduick Park		104	520	5.20	2,700
Newmachar	Corsduick Road from Burnwood Avenue to Speed Limit		540	3100	5.20	16,100
Newmachar	Cunninghar Road		135	850	5.20	4,400
Newmachar	Elrick Gardens		142	710	5.20	3,700
Newmachar	Mameulah Crescent		350	2310	5.20	12,000
Newmachar	Miller Gardens		75	450	5.20	2,300
Newmachar	Ranneshill Road / Gardens / Way		506	3040	5.20	15,800
Newmachar	Reisque Avenue		138	900	5.20	4,700
Newmachar	Summer Brae		141	940	5.20	4,900
Westhill	Arnhall Crescent / Drive		670	3752	5.20	19,500
Westhill	Aspen Grove		210	1176	5.20	6,100
Westhill	Barringer Lane		115	632.5	5.20	3,300
Westhill	Beech Road		370	2072	5.20	10,800
Westhill	Beechwood Place		150	795	5.20	4,100
Westhill	Birch Avenue		175	980	5.20	5,100
Westhill	Blacklaws Brae		175	962.5	5.20	5,000
Westhill	Braecroft Avenue / Crescent		350	1925	5.20	10,000
Westhill	Braecroft Drive		225	1260	5.20	6,600
Westhill	Brimmond Crescent		125	687.5	5.20	3,600

ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
Westhill	Brimmond Walk / Place / Way / Lane		360	1980	5.20	10,300
Westhill	Broadlanch Gardens		75	405	5.20	2,100
Westhill	Broadstraik Crescent / Close / Gardens / Drive / Braes		1235	6792.5	5.20	35,300
Westhill	Broadstraik Grove (short bit)		20	106	5.20	600
Westhill	Broadstraik Road		390	3003	5.20	15,600
Westhill	Brodiach Court		65	299	5.20	1,600
Westhill	Cairnie Drive		350	1890	5.20	9,800
Westhill	Craigston Gardens		130	728	5.20	3,800
Westhill	Craigston Place		135	742.5	5.20	3,900
Westhill	Crombie Drive		100	570	5.20	3,000
Westhill	Cruickshank Court		55	214.5	5.20	1,100
Westhill	Dawson Close / Wynd / Brae / Way		450	2475	5.20	12,900
Westhill	Dean Gardens		220	1210	5.20	6,300
Westhill	Dunecht Road		265	1484	5.20	7,700
Westhill	Eastside Avenue		95	513	5.20	2,700
Westhill	Eastside Drive		610	3355	5.20	17,400
Westhill	Eastside Green		170	969	5.20	5,000
Westhill	Enterprise Drive		620	4278	5.20	22,200
Westhill	Farepark Drive / Gardens / Circle / Crescent		805	5313	5.20	27,600
Westhill	Fraser Drive		200	1160	5.20	6,000
Westhill	Hazel Drive		275	2667.5	5.20	13,900
Westhill	Homelea		70	385	5.20	2,000
Westhill	Keir Circle		300	1650	5.20	8,600
Westhill	Kinmundy Drive		660	4752	5.20	24,700
Westhill	Kinmundy Gardens		285	1596	5.20	8,300
Westhill	Kinmundy Green		150	825	5.20	4,300
Westhill	Kirkton Road / Avenue / Gardens		260	1456	5.20	7,600

ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
Westhill	Lawsondale Avenue		130	728	5.20	3,800
Westhill	Lawsondale Terrace		370	2072	5.20	10,800
Westhill	Leddach Road / Place / Gardens		380	2090	5.20	10,900
Westhill	Leslie Crescent		320	1760	5.20	9,200
Westhill	Mains Court		190	931	5.20	4,800
Westhill	Meadowlands Drive and Hammerhead		560	3080	5.20	16,000
Westhill	Meikle Gardens		210	1113	5.20	5,800
Westhill	Morven Drive / Gardens / Circle / Crescent		565	3503	5.20	18,200
Westhill	Mossie Place		105	577.5	5.20	3,000
Westhill	Oak Crescent		250	1425	5.20	7,400
Westhill	Parkside / Starsky Court		280	1596	5.20	8,300
Westhill	Rowan Grove		510	2907	5.20	15,100
Westhill	Shain Circle		390	2106	5.20	11,000
Westhill	Souter Circle / Gardens		185	1017.5	5.20	5,300
Westhill	Straik Place		440	2376	5.20	12,400
Westhill	Strawberry Field Road (bottom end)		355	1526.5	5.20	7,900
Westhill	Wellgrove Drive (1-2 Years)		65	344.5	5.20	1,800
Westhill	Westfield Gardens		460	2576	5.20	13,400
Westhill	Westhill Crescent		240	1344	5.20	7,000
Westhill	Westwood Drive / Walk / Crescent / Place / Way / Grove		700	3850	5.20	20,000
Westhill	Wynford Lane		90	504	5.20	2,600
<u>Surface Dressing Preparation Works</u>						
B977	Bogentory	13		3,200		165,200
B992	Gleniston Cottage to Cairnhill	10		1,250		43,800
B993	East Nether Crimond to Lammerwells	11		1,800		63,000
B9119	U137C Junction to B977 Junction	13		2,150		51,400

ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SURFACE DRESSING WORKS

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
C65S	Old Leslie Gateway to Marr Boundary	10		775		24,400
C68C	B993 Junction to Balbithan House	11		2,150		103,700
C68S	B992 to U68S at Beechrow Cottage	10		2,350		82,300
C67C	B977 Fintray to Greencairns	12		1,400		49,000
C83C	A96(T) Junction to Whiteford	10		720		18,400
C117C	C121C The Dell to C116C Junction	10		1,400		44,000
C142C	C141C Junction to A944 Junction	13		2,000		76,500
C143C	Nether Shiels to Viewfield	13		1,300		45,500
U28C	Westside to Formartine Boundary	12		1,100		36,000
U60C	Kintore Gateway to Dalwearie	12		1,200		40,550
U84C	Westerton to Whiteford	10		1,800		60,000
U101C	C99C Junction to Aquherton	12		1,200		45,200
U114C	Thainstone Centre Junction to Public Road End	12		1,050		68,600
U117C	C120C Junction to C117C Junction	10		1,900		60,600
U138C	C136C Junction to U139C Junction	13		2,100		76,900
U138C	U140C at Scotstown to C136C Kirkton Bridge	13		1,400		49,000
U144C	B9119 to Midmar Fishery Junction	13		1,400		38,600
U147C	B993 Junction to Bankhead	13		350		16,100
U150C	B9119 Junction to Braigiewell	13		4,500		92,200
				20,345		2,659,850

ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
FOOTWAY WORKS

Road No or Community	Location and Description	Ward(s)	Length (m)	Area (Sqm)	Rate (£/Sqm)	Estimate (£)
<u>Reinstatements</u>						
Insch	Victoria Street - Reinstatements	10	650	1300	5.00	6,500
Kemnay	Fraser Place / Burnett Road Area - Reinstatements	10	1,990	3400	5.00	17,000
Kemnay	Victoria Terrace - Reinstatements	10	1,260	2000	5.00	10,000
Kintore	Allandale Gardens - Reinstatements	12	530	900	5.00	4,500
Kintore	East Park Road - Reinstatements	12	980	1750	5.00	8,700
Port Elphinstone	Crichie Circle - Reinstatements	11	1,250	2260	5.00	11,300
Westhill	Keir Circle - Reinstatements	13	700	1300	5.00	6,500
Westhill	Morven / Fare Park Area - Reinstatements	13	300	600	5.00	3,000
Westhill	Straik Place - Reinstatements	13	840	1500	5.00	7,500
Westhill	Westwood Area Remote Footpaths -	13	1,020	1900	5.00	9,500
<u>Slurry Sealing</u>						
Auchleven	B992 Alford Road - Slurry Seal	10	650	1100	4.00	4,400
Dunecht	Tillybrig - Slurry Seal	13	250	420	4.00	1,680
Inverurie	Bainzie Road Area - Slurry Seal	11	4000	7000	4.00	28,000
Inverurie	Middleton Way - Slurry Seal	11	360	550	4.00	2,200
Inverurie	Nether Blackhall - Slurry Seal	11	375	700	4.00	2,800
Inverurie	St James's Place (south side from Don Bridge to Riverside Place) - Slurry Seal	11	370	700	4.00	2,800
Inverurie	Stonefield Drive - Slurry Seal	11	165	300	4.00	1,200
Westhill	Fare Park Area / Morven Area Remote Footpaths - Slurry Seal	13	150	300	4.00	1,200
Westhill	Leddach / Keir Circle / Leslie Crescent Area Remote Footpaths - Slurry Seal	13	950	1800	4.00	7,200
Westhill	Westhill Grange Remote Footpath	13	90	200	4.00	800
						<u><u>135,980</u></u>

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
TRAFFIC WORKS**

Road No or Community	Location and Description	Ward(s)	Estimate (£)
ALL	Renewal of Roadmarking and Reflector Studs	ALL	30,000
ALL	Renewal of Sprayed Roadmarkings	ALL	25,000
ALL	Maintenance of Traffic Signs and Bollards	ALL	20,000
ALL	New Signs, Roadmarkings & Ancillaries	ALL	14,000
		Total	£89,000

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
SIGN REPLACEMENT**

Road No or Community	Location and Description	Ward(s)	Estimate (£)
Garioch North	General Sign & Marker Post Renewals	10,11,12	15,000
Garioch South	General Sign & Marker Post Renewals	10,12,13	15,000
Kemnay	Various Streets - Sign Renewal and Rationalisation	10	10,000
Kintore	Various Streets - Sign Renewal and Rationalisation	12	10,000
		Total	£50,000

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
OTHER WORKS**

Road No or Community	Location and Description	Ward(s)	Estimate (£)
A944	Nether Affloch - Drainage	13	43,900
C65S	Old Leslie to Seggiecrook - Edge Repair	10	60,000
C68C	Kinkell to Heatherwick - Edge Repair	11	40,000
C109C	Craigearn Village - Drainage	10	12,600
C116C	East Keithney to Holyind Cottage - Drainage	10	26,000
C120C	Chapel of Garioch to Maiden Stone - Edge Repair	10	75,000
U60C	Brae Farm, Kintore - Drainage and Reinstatements	12	19,800
U68S	Leys of Largie - Drainage	10	4,500
Total			£281,800

**ABERDEENSHIRE COUNCIL
INFRASTRUCTURE SERVICES
GARIOCH AREA
LIGHTING**

Road No or Community	Location and Description	Ward(s)	Estimate (£)
ALL	Capital Lighting Improvements - Energy Reduction Measures	ALL	130,000
Westhill	Capital Lighting Improvements - Lawsondale Drive (Phase 3)	13	100,000
		Total	£230,000



TOWN CENTRE FIRST IMPACT ASSESSMENT (TCFIA)

Aberdeenshire Council recognises that town centres have an important role to play in the sustainable development of local economies.

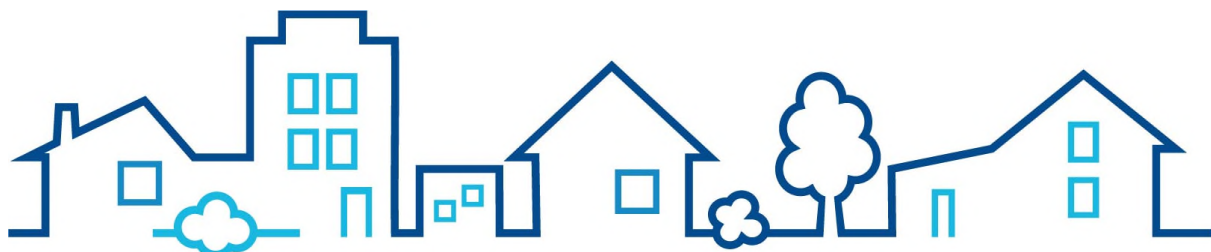
The Town Centre First Impact Assessment (TCFIA) allows officers in all services to identify the detrimental and beneficial effects that decisions we take may have on our town centres. It will allow officers to consider any implications that council decisions may have on Aberdeenshire's key town centres. Examples of this include changes to: the provision of civic and community facilities, employment land, retail, residential buildings, cultural assets, transportation, leisure and tourism.

A Town Centre Ambassador has been nominated within your service, you can locate your Town Centre First Ambassador through the Town Centre First Principle Arcadia pages.

Project Information	
Title of Committee Paper	Road Maintenance Programme 2019-2020
Service	Infrastructure Services
Department	Quality and Resources
Author	Thomas O'Connor
Have you consulted your Town Centre First Ambassador?	Yes

1) Could your Project Paper cause an impact in one (or more) of the identified town centres? – Peterhead, Fraserburgh, Inverurie, Westhill, Stonehaven, Ellon, Portlethen, Banchory, Turriff, Huntly, Banff, Macduff.	
Yes – please specify All of the above towns as the Roads Maintenance Programme covers the whole of Aberdeenshire.	No

2) If approved would your project cause an impact (either positive or negative) with regards to the footfall of any of these town centres?	
Yes – positive: The Road Maintenance Programme 2019/2020 seeks to deliver a well-maintained road network. This facilitates	No



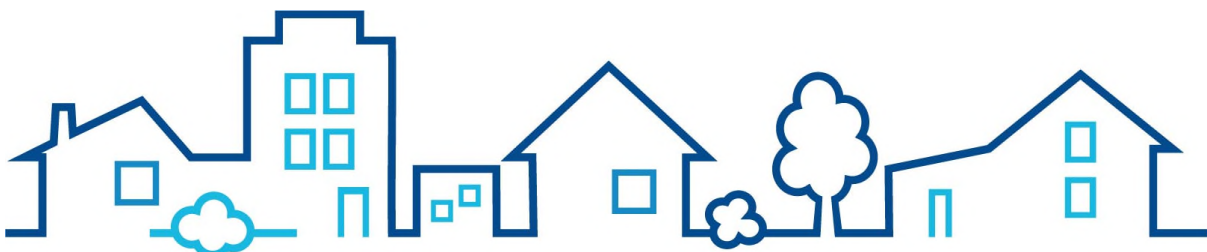


<p>good physical connectivity to towns; and maintains and improves town environments.</p> <p>Yes – negative: Disruption during construction stage to road users and businesses is possible.</p>	
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3)	
Please describe the aims of the committee paper?	A good road infrastructure is vital for a rural authority like Aberdeenshire and an efficient and effective pro-active maintenance programme is essential.

4) What are the positive and negative impacts?		
Impact	Describe the positive impact?	Describe the negative impact?
Please detail any potential positive and negative impact the project may have on Aberdeenshire's Key Town Centres.	<p>Well maintained carriageway, footway and street lighting infrastructure is important to the economic, wellbeing and social success of Aberdeenshire towns.</p> <p>A well maintained road network encourages visitors to access towns across Aberdeenshire for business and pleasure activity.</p>	Disruption to road users and businesses possible during the actual construction works.

5) What mitigating steps will be taken to reduce or remove negative impacts? If none see Q6	
Mitigating Steps	Timescale
Each project will be assessed on a case by case basis and impact minimised as much as possible.	As schemes are designed.





6) Set out the justification that the activity can and should go ahead despite the negative impact.
<p>Well maintained carriageway, footway and street lighting infrastructure is important to the economic, wellbeing and social success of Aberdeenshire towns.</p> <p>A well maintained road network encourages visitors to access towns across Aberdeenshire for business and pleasure activity.</p> <p>Road maintenance activity must be carried out in a safe manner with regard to live traffic.</p>

Question 7: Sign off and Authorisation	
3) Author: I have completed the TCIA impact assessment for this policy/ activity.	<p>Name: Thomas O'Connor</p> <p>Position: Senior Engineer - Quality and Resources</p> <p>Date: 26/02/2019</p> <p>Signature:</p>
4) Consultation with Service Manager	<p>Name: Bill Lennox</p> <p>Position: Quality and Resources Manager</p> <p>Date: 26/02/2019</p>
5) Authorisation by Director or Head of Service	<p>Name: Philip McKay</p> <p>Position: Roads, landscape Services & waste services</p> <p>Date: 26/02/2019</p>
6) Have you consulted with your Town Centre First Ambassador?	<p>Yes</p>
7) TCFA author sends a copy of the finalised form to: tcfia@aberdeenshire.gov.uk	<p>Date Sent: 26/02/2019</p>

