

EAST AYRSHIRE COUNCIL

CABINET – 24 MARCH 2010

2010/11 PROGRAMME FOR CARRIAGEWAY AND FOOTWAY STRUCTURAL MAINTENANCE, STREET LIGHTING AND SEVERE WEATHER REMEDIAL WORKS

Report By Executive Director of Neighbourhood Services

1. PURPOSE OF REPORT

- 1.1 To seek Cabinet's approval for the 2010/11 Capital Programme for carriageway and footway structural maintenance, and street lighting and note schemes being considered for future years' programmes.
- 1.2 To seek Cabinet's approval to develop a ranking system to prioritise future carriageway and footway structural maintenance programmes

2. BACKGROUND

- 2.1 At its meeting on 4 March 2009, Cabinet approved the proposed allocations for the Roads and Transportation £44.56M 10 year Capital Investment Programme, in particular the following allocations were approved for the three year period 2010/11 to 2012/2013.

Carriageway Structural Maintenance	£5,355k
Footway Structural Maintenance	£1,565k
Street Lighting Improvement Schemes	£ 665k

It was noted that programmes of work for the allocations would be reviewed and reprioritised and the updated programmes brought forward for approval on an annual basis.

- 2.2 In accordance with regular practice consultation took place in September and October with Elected Members, Local Community Planning Forums and Community Councils, requesting schemes to be considered for inclusion in the following year's programme. These schemes have prioritised along with schemes identified by Roads and Transportation staff and a final programme that can be accommodated within approved budgets has been compiled.
- 2.3 At its meeting on 11 February 2010 Council approved an allocation of £2.000M for the repair of roads damaged following the severe weather of late December and early January,

3. PROGRAMME FOR CARRIAGEWAY AND FOOTWAY STRUCTURAL MAINTENANCE AND STREET LIGHTING

- 3.1** The two year prioritised programmes for carriageway and footway structural maintenance and street lighting have been developed based on condition surveys, professional judgement, local input and member's comments as outlined in 2.1 to 2.3 above. The proposed programmes for 2010/11 and 2011/12 are included in Appendix 1 of this report and has been placed on the Members' portal.
- 3.2** The proposed value of the 2010/11 programmes are detailed below along with the estimated length of carriageway and footway that will be surfaced in the 2010/11 programme.

	Allocation	Total Proposed Length to be Surfaced	% of Carriageway / Footway Network to be Surfaced
Carriageway Structural Maintenance (Capital)	£1,650,000	15.6 km	1.3%
Surface Dressing (Revenue)	£295,000	13.3 km	1.1%
Footway Structural Maintenance (Capital)	£520,000	5.2 km	0.6%
Street Lighting (Capital)	£220,000		

- 3.3** Other schemes proposed by Members following the consultation exercise outlined in 2.2 have also been considered. Those assessed not to have a high enough priority to be included in the two year programme have been identified in Appendix 2 and will be assessed again as part of the process for compiling future programmes.
- 3.3** The estimated costs shown against the individual schemes in the programme are based on the nominal lengths and current market rates. It is proposed that the projects will be brought forward up to the limit of the current allocation and schemes listed to be implemented in 2011/12 may be brought forward, should funding allow.
- 3.5** It should be noted that the schemes presently listed for 2011/12 will be subject to review as part of the ongoing process for compiling future programmes, and will be prioritised along with other schemes identified throughout the year and those noted in Appendix 2.

4. SEVERE WEATHER ROAD REPAIRS

- 4.1** The severity of the weather in late December and early January, in terms of extremely low temperatures and snow over a prolonged period of time, accompanied by intensive freeze thaw action, has resulted in significant damage to the road and footway network across East Ayrshire.

4.2 It has been estimated that the cost of repairing the damage is £3.05M and is detailed below along with identified budgets.

Lengths of Road requiring urgent reconstruction/resurfacing	£1.300M
Urgent potholing / patching	£0.500M
Other areas of road and footways requiring remedial works	£1.250M
Total estimated remedial works	£3.0500M

Identified budget	
Approved by Council 11/02/10	£2.000M
Reallocation of 2009/10 revenue budget	£0.200M
Reprioritised 2009/10 Capital Structural Maintenance budget	£0.200M
Reallocation of Traffic and Road Safety Capital Budget	£0.250M
Reprioritisation of future Capital Structural Maintenance programme	£0.400M
Total identified budget for remedial works	£3.050M

4.3 The programme of works for the lengths of road identified as requiring urgent reconstruction and resurfacing is outlined in Appendix. 3. Further lengths of roads and footways which are showing signs of deterioration will be prioritised and brought forward up to the allocations outlined in 4.2 or be included in future structural maintenance programmes.

5. FUTURE RANKING SYSTEM FOR SCHEME PRIORITISATION

5.1 Prior to the implementation of the Roads and Transportation Best Value Service Review in April 2009 the structural maintenance budget was split between the north and south areas based on the proportional road lengths. Within each area the budget was generally prioritised as described in 3.1 above, with assessment based on condition and visual survey data.

5.2 At present Roads and Transportation staff are working towards producing a Roads Asset Management Plan (RAMP). One of the key features of the RAMP is to demonstrate better use of the resources available by allocating them to the appropriate places.

5.3 It is therefore proposed to introduce a ranking system for all carriageway and footway structural maintenance schemes to have a more objective based system for prioritisation, taking into account the following factors

- Condition / Engineers' assessment based on condition survey data
- Safety Inspections – a history of defects
- Hierarchy – the importance of the route
- Accessibility – level of public usage
- Customer Fault Report Levels
- Cost

The actual rankings proposed are outlined in Appendix 4

5.4 By introducing this system it can be demonstrated that the schemes in any year's programme have all been assessed against the same criteria using a consistent approach and are needs based.

5.5 This methodology has been discussed during various workshops organised by Society of Chief Officers of Transport in Scotland (SCOTS) to assist with the preparation of the Roads Asset Management Plan and is considered to represent best practice. Similar systems are being introduced within our family group of Roads authorities, including North Ayrshire, South Ayrshire and South Lanarkshire.

6. FINANCIAL AND RISK IMPLICATIONS

6.1 The programmes will be funded from the Roads & Transportation Service's Capital and Revenue budget allocations.

6.2 A delay in the delivery of the Capital Programme will expose the Council to potential risks with regard to the deteriorating condition of the road and lighting network and would have a detrimental effect the SPI for road condition and on the reduction targets for roads accidents.

7. LEGAL IMPLICATIONS

7.1 The requirement to maintain adopted roads and footways is contained in the Roads (Scotland) Act 1984.

8. LINKS TO COMMUNITY PLAN

8.1 A well maintained road network and improved street lighting will contribute to the aims of the Delivering Community Regeneration and Improving Community Safety Community Plan themes by providing good access to our communities and the wider road network and helping to reduce road accidents. A well maintained road and footway network will encourage cycling and walking thereby helping to improve health and wellbeing.

9. RECOMMENDATIONS

8.1 It is recommended that Cabinet:-

- (i) approve the 2010/2011 programme of schemes for carriageway and footway structural maintenance, surface dressing and street lighting as listed in Appendix 1;
- (ii) note schemes being considered for future years' programmes;
- (iii) notes the programme of works for severe weather repairs
- (iv) approve the adoption of the proposed ranking system for prioritisation of Carriageway and footway structural maintenance schemes for future

programmes.

William Stafford
Executive Director of Neighbourhood Services

24 February 2010
JB/YK

BACKGROUND PAPERS

1. Report to Cabinet "Roads and Transportation Capital Investment Programme 2009/10 – 2018/19" – 4 March 2009

Members wishing further information, please contact John Bryson, Head of Roads and Transportation, telephone 01563 576310

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**ROADS AND TRANSPORTATION
CAPITAL INVESTMENT PROGRAMME**

APPENDIX 1

SUMMARY OF CARRIAGEWAY, FOOTWAY AND STREET LIGHTING PROGRAMMES

Carriageway Structural Maintenance	ESTIMATE 2010/11	ESTIMATE 2011/12
Northern and Central Forum	£903,421	£1,014,034
Southern Forum	£746,026	£970,389
TOTAL CARRIAGEWAY STRUCTURAL MAINTENANCE COSTS	£1,649,447	£1,750,000

Footway Structural Maintenance	ESTIMATE 2010/11	ESTIMATE 2011/12
Northern and Central Forum	£263,341	£239,008
Southern Forum	£255,692	£278,296
TOTAL FOOTWAY STRUCTURAL MAINTENANCE COSTS	£519,033	£520,000

Street Lighting	ESTIMATE 2010/11	ESTIMATE 2011/12
STREET LIGHTING COLUMN REPLACEMENT	£220,000	£220,000

Carriageway Surface Dressing - Revenue	ESTIMATE 2010/11	ESTIMATE 2011/12
Northern and Central Forum	£170,580	£95,100
Southern Forum	£124,538	£278,296
TOTAL CARRIAGEWAY STRUCTURAL MAINTENANCE COSTS	£295,118	£295,000

ROADS AND TRANSPORTATION

2010/11 - 2011/12 CARRIAGEWAY STRUCTURAL MAINTENANCE MAINTENANCE PROGRAMME (CAPITAL)

NORTHERN AND CENTRAL FORUM CARRIAGEWAY RESURFACING

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE 2010/11	ESTIMATE 2011/12
A71	HURLFORD	GALSTON ROAD	East Holmes	£255,000	
A71	KILMARNOCK		A71 to junction with Campbell St.	£17,500	
A71	NEWMILNS		Junction with Astonpapple	£56,000	
B778	STEWARTON	DALRY ROAD	Boundary to Wardlaw Farm	£51,975	
B778	STEWARTON	DALRY ROAD	Wardlaw Farm to Aitket Road	£66,000	
U3		FOULPAPPLE ROAD	Sections- Laigh Braidley to A71	£45,000	
U5		PASSFORD	At Passford Farm	£12,750	
U6		NEWLANDS	Winkingfield to Dykehead	£12,750	
	HURLFORD	GALSTON RD	Shawhill House to Hurlford R/about	£96,000	
	KILMARNOCK	WARDNEUK DRIVE	Mosside Place to Todhill Place	£27,000	
	KILMARNOCK	GLENCAIRN SQUARE	Traffic lights	£112,000	
	KILMARNOCK	EAST SHAW STREET	Traffic lights to mini	£36,750	
	STEWARTON	POKELLY PLACE	Full Length	£2,000	
	STEWARTON	AVENUE STREET	Brown St. To New St.	£6,480	
	STEWARTON	KILWINNING ROAD	30 mph to school	£13,080	
	STEWARTON	DAVID DALE AVENUE	Full Length	£12,000	
	STEWARTON	CRUSADER CRESCENT	Full Length	£7,320	
	STEWARTON	BOWES RIGG	Full Length	£11,280	
	STEWARTON	WESTBURN ROAD	Full Length	£2,880	
	STEWARTON	MERRYGREEN PLACE	Full Length	£5,880	
	STEWARTON	BRIDESBURN PLACE	Full Length	£1,920	
	STEWARTON	BANKHEAD PLACE	Full Length	£1,680	
	STEWARTON	HIGH STREET	The Cross to Robertland Rigg	£16,800	
	STEWARTON	MORTON ROAD	Crusader Cres. To Fleming Dr.	£5,236	
	STEWARTON	VENNEL STREET	The Cross to Holm street	£5,280	
	STEWARTON	HOLM STREET	Vennel Street to Kirkford	£4,800	
	STEWARTON	KIRKFORD	Holm Street to C117 30mph	£5,640	
	STEWARTON	GRAHAM TERRACE	Dunlop St. To Corsehillsbank	£7,500	
	STEWARTON	CORSEHILL STREET	Full Length	£4,920	
TOTAL NORTHERN AND CENTRAL FORUM CARRIAGEWAY RESURFACING 2010/11				£903,421	

A735	GALSTON		A71 to Loudounn Castle		£23,360
A71	HURLFORD	GALSTON ROAD	Barwoodgate		£212,500
A735	LUGTON		A736 to south Waterland Farm		£150,000
B769	STEWARTON	OLD GLASGOW ROAD	Windy Yet to Boundary		£24,750
B778	STEWARTON	DALRY ROAD	C125 to Gouknest Road		£73,013
B778	STEWARTON	DALRY ROAD	Gouknest Road to Stewarton		£156,750
B778	STEWARTON	DALRY ROAD	Aitket Road to C125		£63,938
	GALSTON	CROSS STREET	Full Length		£3,520
	GALSTON	TICHFIELD STREET	Full Length		£13,120
	GALSTON	JOHN KNOX ST	Full Length		£4,224
	GALSTON	GARDEN STREET	Full Length		£4,800
	GALSTON	WISHART PLACE	Full Length		£800
	GALSTON	CHURCH LANE	Sections		£2,500
	GALSTON	GAS LANE	Full Length		£1,700
	GALSTON	CAIRN VIEW	Sections		£6,820
	GALSTON	CESSNOCK PLACE	Sections		£3,410
	GALSTON	CAIRN PLACE	Sections		£1,430
	GALSTON	GATESIDE ROAD	Sections		£12,100
	GALSTON	CRAIGIE PLACE	Sections		£2,200
	GALSTON	SUTHERLAND TER	Full Length		£3,080
	GALSTON	SORN PLACE	Full Length		£3,630
	GALSTON	BURNAWN PLACE	Full Length		£4,620
	GALSTON	CLOCKSTON PL.	Full Length		£770
	KILMARNOCK	MEIKLEWOOD ROAD	Kirton road to Onthank Drive		£66,000
	KILMARNOCK	AYR RD	Traffic lights at Stoneyhill Ave.		£87,500
	KILMARNOCK	CAMPBELL STREET	Roundabout to Stoneyhill Avenue		£87,500
TOTAL NORTHERN AND CENTRAL FORUM CARRIAGEWAY RESURFACING 2011/12					£1,014,034

ROADS AND TRANSPORTATION

2010/11 - 2011/12 CARRIAGEWAY STRUCTURAL MAINTENANCE PROGRAMME (CAPITAL)

SOUTHERN FORUM CARRIAGEWAY RESURFACING

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE 2010/11	ESTIMATE 2011/12
A70	CUMNOCK	GRIMGREW	Gatehouse Bridge	£92,500	
A70	LOGAN	BARRHILL RAIL BRIDGE	Longhouse Farm to Barrhill Rd	£78,750	
A70	MUIRKIRK	MANSE ROAD	Manse Road to Tardoes Phase 1	£72,000	
A713	DALMELLINGTON	KIRN BRIDGE	South from Kirn Bridge	£53,250	
B7036	AUCHINLECK	CHURCH HILL	Church towards Main Street	£17,820	
B7037	SORN	SORN/GALSTON ROAD	North of B743	£42,000	
B705	CATRINE	TOWNHEAD	Sorn Road to Laigh Road	£27,600	
B742	DALRYMPLE	BURNTON ROAD	Dustyhall to A713	£74,646	
B743	MAUCHLINE	LOUDOUN ST, MAUCHLINE.	A76 to C3	£40,000	
C47	NEW CUMNOCK	MANSEFIELD ROAD	A76 to Muirfoot Burn	£32,400	
C51	MAUCHLINE	FRIENDLESSHEAD	Jct. U723 F/Head south to river	£13,860	
C83	HAYHILL	B7046 / C83	Junction to Hayhill	£36,000	
U732	MAUCHLINE	SKEOCH ROAD	A76 to End of Burns Memorial Cotts	£19,800	
U736	CRAIGENS	LOGANHILL RD.	A76 to Jct. U715 Craigens Rd. Ph 2	£19,500	
	AUCHINLECK	BACK RODGERTON CRES.	Barbieston Road to	£36,400	
	CATRINE	JAMES TAYLOR AVENUE	Sloan Street to No21	£8,316	
	MAUCHLINE	HAUGH ROAD	U712 to Turnerhill	£27,720	
	PATNA	DOONBANK CRES	Full Length	£41,496	
	PATNA	BARNSHEAN AVENUE	Full Street	£11,968	
TOTAL SOUTHERN FORUM CARRIAGEWAY RESURFACING 2010/11				£746,026	

A70	CUMNOCK	GRIMGREW	Grimgreew to C97		£92,500
A70	MUIRKIRK	WEST OF MUIRKIRK	Wellwood to Water Works		£75,000
A70	MUIRKIRK	MANSE ROAD	Manse Road to Tardoes Phase 2		£54,000
A713	DALRYMPLE	DALRYMPLE	Junction B742		£44,730
A713	WATERSIDE	WATERSIDE	Slag Bing		£52,500
B7037	SORN	SORN/GALSTON ROAD	Barboigh Farm		£54,120
B741	DALMELLINGTON	BEOCH	Forestry layby to Clawfin tank		£34,800
B705	AUCHINLECK	SORN ROAD	U730 to Auchinleck Ph 3		£48,600
B742	DALRYMPLE	BURNTON FARM	Dustyhall to A713		£44,660
B743	SORN	SORN /MUIRKIRK ROAD	Merkland Bridge		£27,540
C11	PATNA	PATNA	Patna To South Ayrshire Boundary		£30,800
C116	STAIR	LOUDONSTON ROAD	Various locations full length		£14,400
C47	NEW CUMNOCK	MANSEFIELD ROAD	Muirfoot Burn to 30 mph limit		£32,400
C83	DRONGAN	HAYHILL	Elymains to Hayhill Village		£49,500
C83	HAYHILL	B7046 / C83	Junction to Hayhill		£36,000
U731	MUIRKIRK	THE AVENUE	A70 to B743		£16,434
U732	MAUCHLINE	HAUGH ROAD	Turnerhill to Braehead		£27,720
U734	MAUCHLINE	DARNHAY	Darnhay Farm to B7037		£21,960
U734	MAUCHLINE	HILLHEAD / DARNHAY	Fowler Farm		£18,000
	OCHILTREE	LUGAR BRIDGE	Mill Street to Lugar Bridge		£59,400
	AUCHINLECK	STONER CRESCENT	Barbieston Road to		£6,545
	CATRINE	SLOAN STREET	Sorn Street to Gordon Street		£33,660
	CUMNOCK	KINGS WAY	Junction with Edgar Avenue		£10,530
	CUMNOCK	KINGS WAY	Junction with Hemmings Way		£12,960
	LOGAN	BOSWELL CRESCENT	No.1 to No 33		£26,880
	MAUCHLINE	LOCHLEA AVENUE	Rankine Drive to Hamilton Avenue		£11,550
	MUIRKIRK	GARRONHILL	Jct. Main Street to No.43		£10,800
	NETHERTHIRD	HOLMBURN RD.	No.1 to No.47		£22,400
TOTAL SOUTHERN FORUM CARRIAGEWAY RESURFACING 2011/12					£970,389

ROADS AND TRANSPORTATION

2010/11 - 2011/12 FOOTWAY STRUCTURAL MAINTENANCE MAINTENANCE PROGRAMME (CAPITAL)

NORTHERN AND CENTRAL FORUM

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE 2010/11	ESTIMATE 2011/12
	CROSSHOUSE	PLAYFIELD CRES	No 1 to No 20	£8,375	
	DUNLOP	MAIN STREET A735	North Side No 2 to 30	£7,680	
	GATEHEAD	FAIRLIE VIEW	No 2 to No 26 including no 2 to no 4 Moorfield Place	£14,573	
	HURLFORD	BLAIR AVENUE	No 5 to No 47	£10,962	
	HURLFORD	KERRMUIR AVENUE	Cessnock Avenue to Cessnock Drive (Odd nos.)	£7,776	
	KILMARNOCK	ALMOND PLACE	full length	£10,620	
	KILMARNOCK	ALTONHILL AVENUE	Jct Kilmaurs Road to No 81	£14,792	
	KILMARNOCK	BEANSBURN	Jct Dean Rd to Jct Burns Ave	£9,850	
	KILMARNOCK	HOLMES ROAD	Holm Farm Road to Holmlands Place	£5,852	
	KILMARNOCK	LABURNUM ROAD	No 5 to No 23	£12,636	
	KILMARNOCK	MacNAUTON DRIVE	No 1 to No 57	£3,121	
	KILMARNOCK	MacNAUTON DRIVE	Remote footpath to McAuley Place	£3,208	
	KILMARNOCK	MacNAUTON WALK	Remote footpath to MacKie Place	£2,100	
	KILMARNOCK	MANOR AVENUE	No 39 to Castle Drive	£14,364	
	KILMARNOCK	MANOR AVENUE	Jct Rowallan Drive to No 39	£13,860	
	KILMARNOCK	McDONALD DRIVE	Various Areas (Top End)	£9,000	
	KILMARNOCK	McINNES PLACE	No 1 to No 15	£2,970	
	KILMARNOCK	MUNRO AVE	No 38 to Southhook Rd (West Side)	£19,165	
	KILMARNOCK	RONA PLACE	From No 1 to No 15	£5,544	
	KILMARNOCK	TURNBERRY DRIVE	Mosshead Road to No 116	£19,589	
	KILMARNOCK	WOODSIDE AVE	jct moorfield to jct mount ave odd numbers	£8,190	
	KILMARNOCK	WOODSIDE AVE	jct moorfield to jct mount ave even numbers	£8,618	
	KILMARNOCK	WOODSTOCK ST	Jct Grange St to Jct Linsey St	£10,203	
	KILMAURS	YARDSIDE ROAD	Jct of Irvine Road to Crofthead Road	£5,984	
	NEWMILNS	IRVINE ROAD	Cul-de sac to Lawrie Street	£5,016	
	STEWARTON	AILSA VIEW	No 1 to No 15	£1,960	
	STEWARTON	AILSA VIEW	Cul-de-sac to No 31	£1,820	
	STEWARTON	DUNLOP STREET	No 12 High Street - even nos	£16,400	
	STEWARTON	HOLM STREET	Loudoun Street to Bonnet Court (West)	£9,114	
TOTAL NORTHERN AND CENTRAL FORUM FOOTWAY STRUCTURAL MAINTENANCE 2010/11				£263,341	

	CROOKEHOLM	COWANS ROW	Front of Cottages and side paths		£20,880
	KILMARNOCK	BEECH AVENUE	No 21 to No 35		£5,200
	KILMARNOCK	BELLEISLE PL	Full length odd numbers		£7,235
	KILMARNOCK	BELLEISLE PL	No 14 to junction of Cunninghame Drive		£6,726
	KILMARNOCK	BLACKWOOD AVENUE	Scott Road to Matthew Smith		£12,434
	KILMARNOCK	BLACKWOOD AVENUE	Junction of Holmes Road to No 11		£8,153
	KILMARNOCK	BLACKWOOD AVENUE	No 11 to junction of Holmlea Drive		£7,412
	KILMARNOCK	DEAN RD	Landsborough Dr to Castle & Footbridge to South Dean Rd		£25,375
	KILMARNOCK	DEAN ROAD	Turner Place to footbridge		£23,606
	KILMARNOCK	DEVERON ROAD	Opp Jct Luce Ave to Jct Kinloch Rd		£8,911
	KILMARNOCK	McINNES PLACE	Remote fotpath leading to MacNauton Drive		£1,978
	KILMARNOCK	McINNES PLACE	Remote fotpath leading to MacAllister Place on McFarlane Drive		£2,970
	KILMARNOCK	MUNRO AVE	No 79 to opposite Southhook Road (East Side)		£11,088
	NEWMILNS	IRVINE ROAD	No 1 to Macleod Street junction		£18,480
	GALSTON	CAIRN TERRACE	No.1 To No 23 (Cul-de-sac)		£4,800
	GALSTON	CAIRN TERRACE	No.23 To Rear of 70 Maxwood Road		£8,580
	GALSTON	CAIRN TERRACE	Cairn View to No 1		£4,900
	GALSTON	CAIRN VIEW	No.42 TO Maxwood Road		£9,600
	GALSTON	CAIRN VIEW	Cairn Place to Maxwood Road		£9,600
	NEWMILNS	GILFOOT	No.12 To No.20		£7,680
	NEWMILNS	LOUDOUN ROAD WEST	MacLeod St To No 26 (Irvine Rd junction)		£13,600
	DARVEL	BRAES COURT AVENUE	Hillview Road to No.12 (South side footway)		£9,900
	DARVEL	BRAES COURT AVENUE	No.1 To No.25 (North side footway)		£9,900
TOTAL NORTHERN AND CENTRAL FORUM FOOTWAY STRUCTURAL MAINTENANCE 2011/12					£239,008

ROADS AND TRANSPORTATION

2010/11 - 2011/12 FOOTWAY STRUCTURAL MAINTENANCE PROGRAMME (CAPITAL)

SOUTHERN FORUM

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE 2010/11	ESTIMATE 2011/12
	AUCHINLECK	OLD AVENUE	Cameron Dr to Sorn Road	£4,320	
	BELLSBANK	ERIFF ROAD	No29 to Mossdale	£10,260	
	CATRINE	B705 RURAL SECTION	Montgarswood to Ballochmyle P1	£15,200	
	CATRINE	LAIGH ROAD	Glen Catrine to Waterside Cottage	£5,814	
	CUMNOCK	BARSHARE ROAD	From No.12 to No.24	£3,110	
	CUMNOCK	ELIZABETH CR	Townhead Street to No.19	£18,468	
	CUMNOCK	GLENRAMSKILL	Phase 4	£11,400	
	CUMNOCK	KEIR HARDIE HILL	Barrhill to No 33	£8,265	
	CUMNOCK	KEIR HARDIE HILL	No 20 to No30	£2,280	
	CUMNOCK	McQUEEN AVENUE	Cul-de-sac No.3-23	£8,976	
	DALMELLINGTON	BROOMKNOWE	No.1 to No.18	£5,868	
	DALMELLINGTON	HIGH MAIN STREET	No.48 to No.52	£2,387	
	DALMELLINGTON	HIGH MAIN STREET	Doon Valley Centre	£1,836	
	DALRYMPLE	GLEBE AVENUE	No23 to No43	£6,480	
	DALRYMPLE	GLEBE AVENUE	No45 to No59	£7,776	
	DRONGAN	BONNYTON AVENUE	No.14 to No.40	£11,628	
	DRONGAN	BONNYTON AVENUE	No.53 to No.75	£7,456	
	LUGAR	RIVER VIEW	No 9 to No22	£15,449	
	MAUCLINE	LOANHILL AVENUE	No29 to Mossgiel Avenue	£7,752	
	MAUCLINE	LOUDOUN STREET	A76 to Car Park	£9,180	
	MAUCLINE	MARY MORRISON DRIVE	No1A to Ballochmyle Avenue	£5,670	
	MAUCLINE	MOSSGIEL AVENUE	No1 to No3	£1,949	
	MAUCLINE	MOSSGIEL AVENUE	No2 to Ballochmyle Ave	£3,249	
	MAUCLINE	WELTON ROAD	No2 to No18	£6,674	
	MUIRKIRK	MAIN STREET	Rowes Garge To Waste Groud	£8,778	
	MUIRKIRK	SMALLBURN RD	Junction Millers Rd to Steps	£12,996	
	NEW CUMNOCK	BLACKWOOD DRIVE	Jct. Nithsdale to No.18	£3,584	
	NEW CUMNOCK	BLACKWOOD DRIVE	Jct. Nithsdale to No.7	£3,328	
	NEW CUMNOCK	LOCHBROWAN CRESCENT	No.1 to Mounthope Terrace	£14,336	
	NEW CUMNOCK	WESTLAND DRIVE	Jct Nithsdale Ave to No.13	£3,328	
	NEW CUMNOCK	WESTLAND DRIVE	Jct.Nithsdale Ave to No.18	£4,608	
	OCHILTREE	MAIN STREET	No.104 to British Legion	£10,214	
	PATNA	DALHARCO AVENUE	No7 to No 21	£6,916	
	PATNA	DOONSIDE AVENUE	White Hill Avenue to No.4	£6,156	
TOTAL SOUTHERN FORUM FOOTWAY STRUCTURAL MAINTENANCE 2010/11				£255,692	

	AUCHINLECK	ARRAN DRIVE Ph 2	No 24 to No. 70		£14,440
	AUCHINLECK	WELL ROAD	Well Rd to Community Centre		£6,480
	BELLSBANK	BELLSBANK BRAE	Phase 1		£19,760
	BELLSBANK	MERRICK DRIVE	No 199 and Opposite		£10,260
	CATRINE	B705 RURAL SECTION Ph 2	Various locations		£14,400
	CATRINE	CO-OPERATIVE AVENUE	Townhead St to No.9		£3,682
	CATRINE	ST GERMAIN STREET	Bank to Ayr Street		£12,800
	CUMNOCK	BIRCHWOOD	At side of 114 Barshare Rd		£1,632
	CUMNOCK	GLENCAIRN	Nans Terrace to Glenlamont		£3,456
	CUMNOCK	JOHN BAIRD ST	Barrhill to Car Park		£1,597
	CUMNOCK	McQUEEN AVENUE	Cul-de-sac No.29-43		£9,537
	CUMNOCK	MICHIE STREET	No. 2 to No. 24		£6,120
	CUMNOCK	STRAND	Opposite tea room		£2,040
	CUMNOCK	WYLIE CRESCENT	Herdston Place to No.34		£8,935
	CUMNOCK	WYLIE CRESCENT	No 72 To Jun. Mitchie St.		£11,245
	DALMELLINGTON	AYR ROAD	Bellsbank Cr To Garage		£10,260
	DALRYMPLE	BARBIESTON TERACE	Full Length Westside		£9,713
	DALRYMPLE	HILLVIEW	School frontage		£3,060
	LUGAR	A70	Thornwood Drive to Holmhead		£14,805
	MAUCLINE	BURNS AVENUE	No 1 Campbell Ave To No 10		£5,320
	MAUCLINE	BURNS AVENUE	No 1 to No7		£5,320
	MAUCLINE	HAMILTON AVENUE	No2 to No18		£5,400
	MAUCLINE	KNOWE	No2 to No		£2,462
	MAUCLINE	WELTON ROAD	No 17 to 27		£1,944
	MUIRKIRK	HENDERSON DR	Outside No 28		£1,748
	MUIRKIRK	SMALLBURN RD	Steps to Henderson Drive		£17,784
	NETHERTHIRD	CARSGAILLOCH AVENUE	No.2 to Jct. Netherthird Road		£8,976
	NEW CUMNOCK	CASTLE PLACE	Glens Bar to No.114 Castle		£2,720
	NEW CUMNOCK	CASTLE PLACE	No.1 to No.14		£4,896
	NEW CUMNOCK	LOCHBROWAN CRESCENT	No.2 to Mounthope Terrace		£14,336
	NEW CUMNOCK	NITHSDALE AVENUE	Jct.Castlemains Ave to No.15		£9,728
	NEW CUMNOCK	NITHSDALE AVENUE	Jct.Castlemains Ave to No.30		£9,728
	PATNA	CARNSHALLOCH AVENUE	No162 to No178		£18,240
	RANKINSTON	LITTLEMILL PLACE	Car Park to Ravenscroft		£5,472
TOTAL SOUTHERN FORUM FOOTWAY STRUCTURAL MAINTENANCE 2011/12					£278,296

ROADS AND TRANSPORTATION

2010/11 - 2011/12 STREET LIGHTING CAPITAL PROGRAMME

TOWN	LOCATION	DESCRIPTION	ESTIMATE 2010/11	ESTIMATE 2011/12
KILMARNOCK	Bellfield	Cairngorm Road Area (removal of unreliable 5th core services)	£43,000	
KILMARNOCK	Bonnyton	Lighting scheduled ahead of proposed traffic calming works	£66,000	
MAUCLINE	Mossgiel Ave Area (Phase 1)	Unreliable 5th core network.	£41,000	
CUMNOCK	Glaisnock Road (Phase 1)	Age deteriorated plant and removal of overhead cables	£50,000	
		Staff Costs (10%)	£20,000	
TOTAL STREET LIGHTING COSTS 2010/11			£220,000	

RESERVE SCHEME

NEWMILNS	Browns Road	Age deteriorated plant and poor lighting	£16,000	
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KILMARNOCK	Bellfield	Leadhills Area (removal of unreliable 5th core services)		£48,000
CROSSHOUSE	Laurieland Avenue Area Phase	Removal of unreliable 5th core services		£52,000
MAUCLINE	Mossgiel Ave Area (Phase 2)	Unreliable 5th core network.		£47,000
CUMNOCK	Glaisnock Road Phase 2	Age deteriorated and removal of overhead cables		£53,000
		Staff Costs (10%)		£20,000
TOTAL STREET LIGHTING COSTS 2011/12				£220,000

ROADS AND TRANSPORTATION

2010/11 - 2011/12 CARRIAGEWAY SURFACE DRESSING (REVENUE)

NORTHERN AND CENTRAL FORUM

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE 2010/11	ESTIMATE 2011/12
A719	MOSCOW		Dykestonend to Loudoun Castle	£64,400	
A719	WATERSIDE		U17 to C10 Junct.	£17,640	
A719	WATERSIDE		C10 Junct. To Dalwhilling Farm	£12,040	
A719	WATERSIDE		Dalwhilling to Horsehill Farm	£9,520	
A719	WATERSIDE		Horsehill to Hareshaw Mill Farm	£8,680	
A719		AYR ROAD	A76 to boundary	£30,800	
B706	DUNLOP	DUNLOP ROAD	Dunlop to Boundary	£27,500	
TOTAL NORTHERN AND CENTRAL FORUM CARRIAGEWAY SURFACE DRESSING 2010/11				£170,580	

B7038	KILMARNOCK	AYR ROAD	A77 to 30 mph limit		£50,000
B769	STEWARTON	OLD GLASGOW ROAD	Windy Yet to Boundary		£6,600
B769	STEWARTON	OLD GLASGOW ROAD	Low Blacklaw to Blacklaw cottage		£17,600
B769	STEWARTON	OLD GLASGOW ROAD	Clunch Rd to Kirkford		£20,900
TOTAL NORTHERN AND CENTRAL FORUM CARRIAGEWAY SURFACE DRESSING 2011/12					£95,100

ROADS AND TRANSPORTATION

2010/11 - 2011/12 CARRIAGEWAY SURFACE DRESSING (REVENUE)

SOUTHERN FORUM

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE 2010/11	ESTIMATE 2011/12
B743	MAUCHLINE	MAUCHLINE TO SORN	Sorn Castle to Sorn	£16,088	
U721	LUGAR	DORNAL ROAD	Road between Glenmuir Road	£18,000	
U731	MUIRKIRK	GREENOCK WATER RD	Ph 4 Burnfoot to Middlefield	£18,000	
U761	MAUCHLINE	REDCRAIG ROAD	B743 to 1st bridge	£2,250	
		HUMESTON	Changue to Humeston Bridge	£22,500	
	SKARES	GARLAFF TO MUIR	Garlaff to the Muir Farm	£22,500	
	SORN	HEILAR ROAD	Shiel to C65	£25,200	
TOTAL SOUTHERN FORUM CARRIAGEWAY SURFACE DRESSING 2010/11				£124,538	

B705	AUCHINLECK	SORN ROAD	Glenshamrock to Heatheth		£20,250
C61	OCHILTREE	STATION ROAD	Various Sections		£16,800
U731	MUIRKIRK	GREENOCK WATER RD	Ph 5 Middlefield to B743		£16,800
	COALHALL	STAIR ROAD Ph2	C82 to Dormieston		£25,500
	MAUCHLINE	HAUGH ROAD	U712 to Turnerhill		£9,240
	POLNESSAN	A713 TO KERSE	A713 to Kerse		£30,800
	SORN	HEILAR ROAD	Shiel to Glenview		£26,400
TOTAL SOUTHERN FORUM CARRIAGEWAY SURFACE DRESSING 2011/12					£145,790

ROADS AND TRANSPORTATION

APPENDIX 2

SCHEMES PROPOSED BY COUNCILLORS FOR FUTURE CONSIDERATION

CARRIAGEWAY RESURFACING

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE
	NEWMILNS	ISLES TERRACE	Full Length	£10,000
	KILMARNOCK	BLACKWOOD AVENUE		£15,000
	KILMARNOCK	SAMSON AVENUE		£20,000
	NEW CUMNOCK	BURNSIDE	Full Length	£50,000
TOTAL ESTIMATED COST OF PROPOSED SCHEMES				£95,000

FOOTWAY RESURFACING

ROUTE	TOWN	LOCATION	SECTION	ESTIMATE
B751	KNOCKENTIBER	KILMAURS ROAD	From junction of Plann Road	£10,000
	NEW CUMNOCK	BURNSIDE	Full Length	£75,000
TOTAL ESTIMATED COST OF PROPOSED SCHEMES				£85,000

APPENDIX 3

**ROADS AND TRANSPORTATION
SEVERE WEATHER ROAD REPAIRS**

REFERENCE	ROUTE	TOWN/ROUTE	LOCATION	SECTION	COST
NORTH					
	Uncl	NEWMILNS	UNION STREET	Full Length	£41,280
	C126	DUNLOP	BRIDGEND FARM	Bridgend Farm	£31,500
	C117	STEWARTON	BYRA HILL	High Byrahill Farm	£23,400
	C100	DUNLOP	FIFTHPART FARM	Various Sections	£85,050
	U4	PRIESTLAND	LADYBROW FARM	Ladybrow Farm	£79,650
	U5	PRIESTLAND	WINKINGFIELD FARM	Winkingfield Farm	£61,200
	U6	PRIESTLAND	DYKEHEAD FARM	Dykehead Farm	£45,000
	U57	KNOCKENTIBER	WEST PLANN FARM	Plann Bridge to Greenhill Terrace	£54,600
	C24	CROSSHOUSE	GREENHILL	Greenhill Smallholdings 5-11	£43,650
	U45	SPRINGSIDE	KIRKLAND	Kirkland	£13,650
	Uncl	KNOCKENTIBER	CASTLE TERRACE	Greenhill Terrace to Hemphill View	£15,675
	Uncl	KILMARNOCK	GLEBE ROAD	Manse Street to Arbuckle Street	£21,060
	U63	KILMARNOCK	KIRKLANDSIDE	West Mosside to A77 Overbridge	£14,963
SOUTH					
	B743	SORN	AUCHENLONGFORD	Burntshield to Garpel	£240,000
	U718	CATRINE	CROFTHHEAD FARM	C137 to Crofthead Farm	£70,560
	C82	MAUCLINE	TRABBOCHBURN	Crosshill to B730	£198,000
	C49	OCHILTREE	OCHILTREE	Ochiltree Cemetry	£55,000
	Uncl	MUIRKIRK	MEANLOUR DRIVE	Large Patches	£8,250
	Uncl	CUMNOCK	CARSGAILLOCH AV	Large Patches	£8,250
	Uncl	CUMNOCK	JOHN ALLAN DRIVE	Glaaisnock Road to CameronCrescent	£18,000
	B741	DALMELLINGTON	AUCHENROY	Doonview to SA Boundary	£130,500
	U734	MAUCLINE	DARNHAY FARM	Darnhay to B7037	£22,400
	Uncl	KINGSWAY	CUMNOCK	Edgar Avenue	£7,700
	Uncl	NETHERTHIRD	CUMNOCK	Holmburn Road	£38,500
				TOTAL FROST DAMAGE SPEND	£1,327,837.50

Appendix 4

Scheme Ranking System for Carriageways

The following is the proposed Carriageway Scheme Ranking system which has been developed as part of the Roads Asset Management Plan project. The system has six attributes:

- 1 **Condition / Engineers Assessment (25%)** – is the pavement going to deteriorate significantly in the next year? Rated 1 (good) to 5 (very poor)
- 2 **Safety Inspections (25%)** – does this site have a history of safety defects which can be linked to poor condition? Rated 1 (no faults in previous year) to 5 (more than 10 faults reported).
- 3 **Hierarchy (20%)** – more important roads get a higher priority. Rated 1 to 4 based on importance of route.
- 4 **Accessibility / Land Use (10%)** – services utilised by a high proportion of the public get a higher priority than a residential street. Rated 1 (Rural / urban cul-de-sac) to 5 (access to schools, health, employment, main shopping areas)
- 5 **Customer Complaint Levels (10%)** – customers generally only complain when there is a real problem. If more than ten complaints are received on a section of road it is deemed high priority. Rated 1 (low) to 5 (numerous complaints from public, elected members, community councils)
- 6 **Cost (10%)** – the financial outcome always needs to be assessed. Cost / Benefit provides the assessor with the Best Value schemes. Rated 1 (low) to 5 (high, over £100k)

Each site is allocated a value out of 100 and sites with a higher score are higher priority.

SCORING SYSTEM				
	Criteria	Maximum Score	Weighting	Score
1	Condition	5	5	25
2	Safety Inspections	5	5	25
3	Hierarchy	4	5	20
4	Accessibility / Land Use	5	2	10
5	Customer Complaint Levels	5	2	10
6	Cost	5	2	10
Maximum Total				100

Scheme Ranking System for Footways

The following is the proposed Footway Scheme Ranking system which has been developed as part of the Roads Asset Management Plan project. The system has three attributes:

- 1 **Hierarchy** (30%) – more important footways get a higher priority. Rated 1 to 4 based on importance of route
- 2 **Condition** (40%) – Based on visual inspection. Rated from 1 (acceptable) to 4 (major deterioration)
- 3 **Extent** (30%) – rated from 1 (less than 25% of the footway length) to 4 (75% to 100% affected)

Each site is allocated a value out of 100 and sites with a higher score get higher priority.

A Guidance Document on assessing footways has been produced by SCOTS as part of the Roads Asset Management Plan project. This guidance will be used to determine the Condition rating for each footway.

SCORING SYSTEM				
	Criteria	Maximum Score	Weighting	Score
1	Hierarchy	4	7.5	30
2	Condition	4	10	40
3	Extent	4	7.5	30
Maximum Total				100