



REPORT NO 893/98

ANGUS COUNCIL

ROADS COMMITTEE

27 AUGUST 1998

**UPDATE ON THE UTILISATION OF ROADS RENEWAL AND REPAIR FUND  
FOR BRIDGES, LIGHTING AND ROAD RENEWAL PROJECTS**

REPORT BY THE DIRECTOR OF ROADS

**ABSTRACT**

This Report updates the Roads Committee on the schemes proposed to be carried out using the Roads Renewal and Repair Fund detailed in Report No 123/98 presented to the Roads Committee on 29 January 1998 and brings forward further programmes for road and bridge repairs together with an urgent street lighting column replacement programme.

1 **RECOMMENDATIONS**

It is recommended that the Committee agree to:

- (i) note the current projected savings of £250K on the carriageway reconstruction projects included in the previous report (Report No 123/98 - Roads Committee 23 January 1998);
- (ii) the provision of further carriageway repair projects as listed in Appendix A;
- (iii) the provision of bridge repair projects listed in Appendix B;
- (iv) the provision of a programme of replacement of obsolete lighting columns as detailed in the Report;

- (v) note the estimated total cost of £1060K can be met from the Roads Renewal and Repair Fund inclusive of the £250K savings identified from the previous programme;
- (vi) the retention of the balance of £315K in the Roads Renewal and Repair Fund as a contingency sum.

## 2 INTRODUCTION

It is now considered appropriate to continue to utilise the Roads Renewal and Repair Fund to expedite a number of urgently required carriageway and bridge repair schemes together with a scheme to replace the remaining street lighting columns of a type identified as potentially dangerous.

## 3 DETAILS

### 3.1 Update on previously approved Road Reconstruction Projects

3.1.1 A further detailed re-appraisal of the Roads Reconstruction Projects listed in Appendix B of Report No 123/98 has enabled four of the roads to be strengthened using screed and overlay without the need for full reconstruction. The schemes and their projected savings are shown in Table A.

**TABLE A**

	<b>Estimated Cost Report No 123/98</b>	<b>Revised Project Costs</b>	<b>Projected Funding Released</b>
Kirkton Road, Arbroath (North of Cairnie Depot)	£80,000	£22,000	£58,000
Bankhead Road, Forfar	£91,000	£27,500	£63,500
Ferguson Avenue, Brechin	£39,000	£16,500	£22,500
North Union Street, Monifieth	£41,000	£27,500	£13,500
	<u>£251,000</u>	<u>£93,500</u>	<u>£157,500</u>

The other two schemes have been deemed suitable for in-situ recycling and their revised projected costs are shown in Table B.

**TABLE B**

	<b>Estimated Cost Report No 123/98</b>	<b>Revised Project Costs</b>	<b>Projected Funding Released</b>
Dundee Street, Letham	£121,000	£40,000	£81,000
Robertson Terrace, Forfar	£138,000	£85,000	£53,000
	<u>£259,000</u>	<u>£125,000</u>	<u>£134,000</u>

Total projected savings from Tables A and B = £157,500 + £134,000  
= £291,500.

- 3.1.2 To achieve the considerable savings on the projects listed in Table B an economic in-situ recycling package of work involving the addition of two further suitable schemes has been put out to tender. These additional schemes which are suitable for this specialist recycling process are at Dundas Park, Brechin and Cortachy Road, Kirriemuir. The cost of these schemes will be met from the Revenue Budget. It is advantageous to the Council to use the environmentally beneficial process of cold, deep, in-situ recycling where appropriate, not only as a means of achieving significant savings, but as a means of conserving natural resources. The process is now well established but this will be the first occasion of its use in Angus.
- 3.1.3 The projected saving for all the previous reconstruction schemes listed in Tables A and B is £291.5K. However, until construction work is completed a prudent overall saving of £250K has been assumed to be available for further projects.

### 3.2 Road Renewal Projects

Recent carriageway inspections have highlighted accelerated deterioration of the sections of road listed in Appendix A. The available funding within the 1998/99 Revenue Budget for Structural and Cyclic maintenance is allocated for other programmed work. It is therefore proposed to utilise £575,000 of the Roads Renewal and Repair Fund to allow essential renewal and repair work to be carried out before more extensive (and expensive) treatments become necessary.

### 3.3 Bridge Repairs and Strengthening

The ongoing programme of bridge inspections and assessments has identified a need for strengthening and repair work on Council owned bridges which cannot be contained within the Capital, CFCR and Revenue Budgets for 1998/99. It is therefore proposed to utilise £380,000 of the Roads Renewal and Repair Fund to carry out the necessary work on the bridges listed in Appendix B.

### 3.4 Street Lighting - Replacement of Obsolete Lighting Columns

3.4.1 Tests carried out on lighting columns manufactured by Cohen Brothers of Manchester, as a result of a widely reported fatal accident, have highlighted an inherent design fault.

3.4.2 Angus Council had 100 Cohen Brothers Columns which were installed in the Arbroath area. Some have been replaced and the remaining Cohen Columns are located in Dundee Road and the Westway.

3.4.3 A recent materials testing report on samples of the Cohen Columns in Angus carried out by British Steel indicated

cracking at the door openings and shaft/base junction welds. Both of these faults could lead to column failure and suggest that an accelerated removal programme of all Cohen Brothers Columns would be appropriate to protect the Council's interest and more importantly the safety of pedestrians/road users within Angus.

3.4.4 The financial implications are as follows:-

Total number of columns in Angus	100
Number replaced in 1997/98	13
Remaining number to be replaced	87
Approximate cost per column to replace	£1,500
Total cost to replace remaining Columns	£130,500
Capital allocation in financial year 1998/99 (Dundee Road Phase 2)	£25,000
Additional monies required from R & R Fund	£105,500

4 **FINANCIAL IMPLICATIONS**

The available R & R Funds and the financial commitment arising from the identified expenditure requirements are detailed in Table C below:-

**TABLE C**

Item	£ (000)	£ (000)
Existing uncommitted R & R balance as at 1 April 1998 (£1,125,473.61)	1125	
Saving available from previously identified Road Reconstruction Schemes	<u>250</u>	<u>1375</u>
Schemes identified in Appendix A	575	
Schemes identified in Appendix B	380	
Street Lighting Replacement Programme	<u>105</u>	<u>1060</u>
Projected uncommitted R & R Fund Balance.		<u>315</u>

It is anticipated that the bulk of this expenditure will be committed in the 1998/99 financial year, however final expenditure on all these projects may not be expended until the 1999/2000 financial year.

## 5 CONSULTATION

The Chief Executive, the Director of Law and Administration and the Director of Finance have been consulted in the preparation of this Report.

## 6 CONCLUSION

It is considered that the projects listed in Appendices A and B together with the Street Lighting Replacement programme are schemes which should be funded from the Roads Renewal and Repair Fund.

Dr Bob McLellan  
DIRECTOR OF ROADS

### NOTE

The following background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973 (and not containing confidential or exempt information) were relied on to a material extent in preparing the above Report:-

Report No. 123/98 - Angus Council Roads Committee - 23 January 1998.

WW/JSG  
5 August 1998  
REPORTS/update.r&r fund

ROAD REPAIR PROJECTS

Location	Estimated Cost (£)
A929 Forfar Bypass Eastwards	35,000
A934 Little Carcary Eastwards	40,000
A935 Brechin - B9113 to Westwood	50,000
UC 388 Kirly Hill	95,000
A934 Bonnyton to Fullerton	190,000
City Road, Brechin	50,000
Caledonian Road, Brechin	55,000
Access off Queenswell Road (to AC Depot)	10,000
Golf Road, Northmuir	<u>50,000</u>
	<u>575,000</u>

## APPENDIX B

BRIDGE STRENGTHENING AND REPAIR PROJECTS

Location	Estimated Cost (£)
U392 Kinnaird Bridge	50,000
Letham Mill Bridge	50,000
Arbirlot Bridge	70,000
Ruthven Bridge	50,000
U411 Glenley Bridge	95,000
Old Brechin Bridge	<u>65,000</u>
	<u>380,000</u>