

EAST AYRSHIRE COUNCIL

SPECIAL DEVELOPMENT SERVICES COMMITTEE – 20 JUNE 2006

ROADS AND STRUCTURES DESIGN CAPITAL PROGRAMME FOR 2006/07

Report by Executive Director of Development and Property Services

1. PURPOSE OF THE REPORT

- 1.1** The purpose of the Report is to seek the Committee's approval of the Roads and Structures Design Capital Programme for 2006/07.
- 1.2** A report on the outturn of the 2005/06 Programme will be submitted to Committee at a later date.

2. BACKGROUND

- 2.1** At its meeting on 8 February 2006, the Policy & Resources Committee approved the Development and Property Services Capital Programme for 2006/07 to 2008/09. The Committee instructed Directors to submit detailed Programmes for their capital allocations to their Service Committees for consideration.
- 2.2** This Report deals with the Roads and Structures Design Capital Programme for 2006/07.

3. THE PROPOSED ROADS & STRUCTURES DESIGN CAPITAL PROGRAMME

- 3.1** Within the overall capital allocation to Development and Property Services the following proposed allocations have been made to Roads and Structures Design Schemes for the current financial year:

Bridge Strengthening and culvert replacement - £400,000

Refurbishment of the multi-storey car park - £80,000

4. BRIDGE STRENGTHENING AND CULVERT REPLACEMENT

- 4.1** The proposed Bridge Strengthening and Culvert Replacement Programme is as follows:

Proposed Schemes	2006/07	Estimated Costs
C134 Birkhill Bridge Replacement		£60,000
U10/30, Woodhill Bridge (Rail Bridge) - Strengthening (Part funding)		£60,000
B731/20, Whiteflats Bridge, Catrine - Deck replacement		£55,000
B751/30, Kilmaurs Bridge (Rail Bridge) - Strengthening		£10,000
Assessment of Council Bridges		£125,000
Assessment of Network Rail Bridges		£25,000
Design and Site supervision fees		£25,000
		<u>£360,000</u>

£40,000 has been held in reserve for the present and will be the subject of a further Committee Report.

- 4.2** Birkhill Bridge on the C134 near Lanfine Estate, Darvel is a 1.6m span culvert under a 4m high embankment. The culvert has suffered varying degrees of failure and requires to be replaced. This scheme was on the Capital programme two years ago but had to be deferred to enable other more critical works to be carried out. It is now proposed to carry out the culvert replacement this financial year. The estimated cost of the replacement works is £60,000.
- 4.3** Woodhill Bridge near Kilmaurs is a road-over-rail bridge which failed its load assessment. The costs involved in meeting the current load standards are the responsibility of East Ayrshire Council. A scheme to both replace and raise the bridge deck to allow the rail line to be used as the west coast main line diversion route was agreed with Network Rail and deck replacement work was concluded earlier this year. £60,000 was allocated last financial year and a further £60,000 is required this year to fulfill the Council's obligations to this scheme.
- 4.4** Whiteflats Bridge on the B713 in Catrine spans the Bogend Burn. The bridge comprises a masonry arch with a reinforced concrete slab extension. The slab fails its load assessment and is in poor condition. It is proposed to replace the reinforced concrete slab and carry out repairs to the masonry arch. The estimated cost of the works is £55,000. The extent of possible Statutory Undertaker diversion works is still being investigated at this time and may require additional funding.

4.5 Kilmaurs Bridge on the B751 at Kilmaurs is a road-over-rail bridge which fails its load assessment in terms of accidental wheel loading on the south footway. The costs involved in meeting the current load standards are the responsibility of East Ayrshire Council. Protection of the bridge deck slab under the south footway via the installation of a protective barrier or robust kerbing is being considered. Discussions have commenced with Network Rail to take this scheme forward. The estimated cost of these works is £10,000.

4.6 £125,000 has been allocated to engage specialist consultants to carry out bridge assessments, as part of the Council's obligation to assess all bridges against current European loading standards. Similarly £25,000 has been allocated to Network Rail under the Council's obligations to fund the loading assessment of all road-over-rail bridges. (This should complete the outstanding programme of assessment of road over - rail bridges in East Ayrshire).

5. REFURBISHMENT OF THE MULTI-STOREY CAR PARK

5.1 The multi-storey car park has been substantially upgraded in recent years and the lower floors are now bright and attractive. The stairwells have also been refurbished and CCTV and brighter lighting installed, enhancing security.

5.2 £80,000, has been allocated for the continuation of this upgrading programme in 2006/07. This will include the refurbishment of the main entrance and further upgrading to the stairwells, car park decks and pedestrian railings. A specialist consultant will also be engaged to carry out a structural load assessment of the car park structure.

6. LEGAL IMPLICATIONS

6.1 Nil

7. FINANCIAL IMPLICATIONS

7.1 The schemes will be funded from the Development and Property Services Capital Allocation for 2006/07.

8. POLICY IMPLICATIONS

8.1 The proposed programme is in accordance with the Council's Local Transport Strategy.

9. COMMUNITY PLAN IMPLICATIONS

9.1 The projects within the Roads and Structures Design Capital Programme 2006/07 will contribute to various themes within the East Ayrshire Community Plan.

10. RECOMMENDATIONS

10.1 It is recommended that the Committee:

- (i) approve the Roads and Structures Design Capital Programme as outlined in the Report.

James Lavery
Executive Director of Development and Property Services
5 June 2006
AEI/YK - FV

BACKGROUND PAPERS

NIL

For further information on this report, please contact Alan Ierland, Principal Engineer, Roads and Bridge Design (Tel: 01563 555759).

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