

## **EAST AYRSHIRE COUNCIL**

### **DEVELOPMENT SERVICES COMMITTEE – 3 MAY 2005**

#### **ROADS AND STRUCTURES DESIGN CAPITAL PROGRAMME FOR 2005/06**

##### **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 2005/06.
- 1.2 A report on the outturn of the 2004/05 Programme will be submitted to Committee at a later date.

#### **2. BACKGROUND**

- 2.1 At its meeting on 8 February 2005, the Policy & Resources Committee approved the Development and Property Services Capital Programme for 2005/06 to 2007/08. 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 2005/06.

#### **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 - £200,000, plus £39,000 of committed schemes carried forward from 2004/05 (subject to Audit approval)

Refurbishment of the multi-storey car park - £100,000, plus £40,000 carried forward from 2004/05 (subject to Audit approval)

A70 Welltrees Bridge - £425,000

#### **4. BRIDGE STRENGTHENING AND CULVERT REPLACEMENT**

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

<b>Proposed Schemes</b>	<b>Estimated Costs</b>
C134 Birkhill Bridge Replacement (Land Acquisition)	£5,000
U10/30, Woodhill Bridge, Strengthening (Part funding)	£65,000
Bridge Street Footbridge, Catrine, Re-decking, painting	£30,000
B741, Peat Burn Culvert – Replacement of failed headwall - Carried Forward from 2004/05	£11,000
U52, Birkhill Culvert, Waterhaughs Road, Newmilns Strengthen damaged arch - Carried Forward from 2004/05	£7,000
U736, Sykeside Bridge, Loganhill Road, Cumnock - Replacement of scoured invert and downstream end of arch Carried Forward from 2004/05 - Carried Forward from 2004/05	£10,000
U736, Plaintainside Culvert, Loganhill Road, Cumnock Replace collapsed wingwalls – Carried Forward from 2004/05	£11,000
Assessment of Council Bridges	£20,000
Assessment of Network Rail Bridges	£25,000
Design and Site supervision fees	£20,000
	<u>£204,000</u>

£35,000 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. Replacing it will involve a small amount of land acquisition. It is planned to carry out initial design and production of land plans this financial year in preparation for replacement works to be carried out at a future date when funding is available. 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 feasibility study carried out by consultants estimated costs ranging from £125,000 for strengthening to

£350,000 for deck replacement. The lowest cost option involving strengthening of the structure is considered acceptable to East Ayrshire Council and it is proposed to spread the costs over the next two financial years with £65,000 earmarked in the current year. Discussions have commenced with Network Rail to take this scheme forward.

- 4.4 Bridge Street Footbridge in Catrine span the River Ayr. It is proposed to replace the worn deck plates with a new strengthened deck incorporating an anti-slip surfacing with remedial paintwork to the steel structure.
- 4.5 Both the Birkhill Bridge scheme mentioned above and the A70 Lightshaw Bridge, Invert Replacement scheme (estimated £60,000) were on last year's Bridges Capital Programme. They were however, subsequently held back due to a combination of emergency works at Mosshouse Bridge, Cronberry and contractual difficulties with the Lightshaw scheme. They will now have to be further postponed as other schemes have become more critical in the meantime.
- 4.6 £20,000 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. (A similar level of funding in the next financial year (2005/06) 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 The £140,000, including £40,000 carried forward from 2004/05 has been allocated for the continuation of this upgrading programme in 2005/06. This will include the refurbishment of the main entrance, the installation of safety barriers to comply with current guidelines, further upgrading to the stairwells and exterior repairs to the east façade.

## **6. A70 WELLTREES BRIDGE**

- 6.1 The replacement of the bridge and re-alignment of the double bends at Welltrees on the A70 West of Muirkirk will be jointly funded by EAC and Scottish Coal. During 2002/05 the Council carried out extensive geotechnical investigations on the possible lines for the realignment, investigated the Public Utilities Services and proceeded with a final design in anticipation of funds becoming available to implement the scheme.

**6.2** Scottish Coal, under a Section 75 Agreement, will provide the land and pay the costs of the replacement bridge, the road embankments and boundary fencing. Scottish Coal have shown reluctance in meeting the level of financial commitment that this work will entail. The Council's proposed budget allocation of £425,000 will cover the costs of the road construction, drainage, service diversions and landscaping.

**6.3** Discussions are ongoing with Scottish Coal to try and achieve a financial commitment from them that will allow implementation of the scheme in 2005/06.

## **7. POLICY IMPLICATIONS**

**7.1** The proposed programmes are in accordance with the Council's Local Transport Strategy.

## **8. FINANCIAL IMPLICATIONS**

**8.1** The schemes will be funded from the Development and Property Services Capital Allocation for 2005/06.

## **9. LEGAL IMPLICATIONS**

**9.1** Nil

## **10. RECOMMENDATIONS**

**10.1** The Committee is requested to approve the Roads and Structures Design Capital Programme as outlined in the Report.

**James Lavery**  
**Executive Director of Development and Property Services**

18 April 2005  
AEI/YK

## **LIST OF BACKGROUND PAPERS**

**NIL**

For further information please contact Alan Ierland on 01563 555759.

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