

# EAST AYRSHIRE COUNCIL

## DEVELOPMENT SERVICES COMMITTEE – 11 JANUARY 2006

### CAPITAL ROAD SAFETY PROGRAMME FOR 2005 - 2006

#### Report by Executive Director of Development Services

#### 1. PURPOSE OF REPORT

- 1.1 The purpose of the report is to seek Committee's approval of the proposed projects for the Capital Road Safety budgets for the remainder of the financial year 2005/2006.

#### 2. BACKGROUND

- 2.1 The allocation for the Capital Road Safety budget for the financial year 2005/2006 is £145,000

- 2.2 At the Development and Property Services Committee meeting in June 2005 it was agreed that the following works should be undertaken from the approved programme as follows : -

(i) The widening of Queens Drive on the approaches to the Bellfield Interchange.

(ii) The provision of traffic calming gateway features on all approaches to Kilmarnock.

(iii) It was proposed to use the remainder of the budget for the implementation of schemes from Table 1 of the current capital road safety programme which was approved at the Development Services Committee on 29 June 2004 Table 1 and Table 2 are reproduced in Appendix 1.

(i) and (ii) above have now been completed.

#### 3. PROPOSALS

- 3.1 Since the widening of Queens Drive will help to improve the reliability of bus journey times in the Irvine Valley and other local bus services, it is proposed to fund this scheme from the Scottish Executive's Public Transport Fund (PTF) allocation for Quality bus Corridor measures in the Irvine Valley. This expenditure can be contained within the overall PTF5 allocation without reducing the planned programme of QBC measures in the A71 and A76 corridors and Cumnock.

As stated in paragraph 2.2 (iii) the remainder of the Capital Road Safety budget was to be used for implementing schemes from Table 1 of the current road safety programme, prioritised on the basis of the first year rate of return.

However, a significant number of the remaining sites listed on Table 1 require anti-skid surface treatment. Laying anti-skid material during the winter period can lead to additional maintenance requirements and it would be more cost effective to carry out this work early in the next financial year.

The other schemes that have not yet been implemented require further investigation before being implemented and would be difficult to complete within this current financial year.

**3.2** To progress the road safety programme in the current financial year, it is proposed that a number of schemes are implemented from Table 2 of the current road safety programme which was approved at the Development Services Committee on 29 June 2004 (see back of report). These locations have been the subject of public concern with regard to road safety over a period of time and could be implemented within the financial year, subject to the successful promotion of road humps notices, where appropriate, and also detailed estimates.

**3.3** The proposed road safety schemes are as follows :-

Scheme	Type of Works	Budget Estimate
Inchmurrin Drive, Kilmarnock	Traffic Calming including speed cushions signing and road markings	£30,000
Southcraigs Drive, Kilmarnock	Traffic Calming including speed cushions signing and road markings	£20,000
Vennel Street, Stewarton	Traffic Calming including speed tables signing and road markings	£30,000
A719 Waterside	Traffic Calming including speed tables, a raised junction ,signing and road markings	£30,000

**3.4** This year there has been an increase in bituminous material costs which has resulted in the cost of some construction items rising as much as 20%. It is proposed that, should the remaining fund from the Capital Road Safety Budget be insufficient to complete the above works, the schemes will be completed early in the 2006/2007 year from that year's Capital Road Safety allocation.

#### **4. LEGAL IMPLICATIONS**

**4.1** When appropriate a Road Humps Notice will be processed under the terms of the Road Scotland Act 1984.

#### **5. FINANCIAL IMPLICATIONS**

**5.1** Road Safety measures will be funded from the Capital Road Safety Budgets.

#### **6 RECOMMENDATIONS**

**6.1** It is recommended that the Committee :-

- (a) notes the contents of the report;
- (b) agrees to the implementation of the road safety projects as stated in paragraph 3.4; and

- (c) agrees that should the remaining fund from the Capital Road Safety Budget be insufficient to complete the above works, the schemes will be completed early in the 2006/2007 year.

**James Lavery**  
**Director of Development Services**

KO/NB  
19 December 2005

**LIST OF BACKGROUND PAPERS**

Nil

For further information contact Keith Orton on 01563 555714.

## Appendix 1

### CAPITAL ROAD SAFETY PROGRAM

### ROAD SAFETY PROPOSALS

TABLE 1

### SUMMARY OF COST/BENEFIT ANALYSIS

ROUTE	NO. OF ACCIDENTS IN 5 YEAR PERIOD					COST	FYRR	NATURE OF PROPOSED MEASURES	COMMENT
	FATAL	SERIOUS	SLIGHT	TOTAL	PEDESTRIAN				
A70, Barrhill Road, Cummock	1	2	3	6	1	£8,000	1398%	G,J	Outside traffic calmed area. Anti Skid + signs
A719, at Polbath, South of Moscow	0	3	3	6	0	£3,200	1047%	G,J	Anti Skid + bend signs
A70, at Coalhall	0	4	10	14	0	£5,000	1010%	G,J	Anti Skid at B730 junction + signs
A71, Adjacent to Hallbarns Farm	2	3	0	5	1	£30,000	692%	G,Q	A71 dual 250m of D.S.T.C.B. or W.R.S.F. in C/Res + anti-skid
C36, at Benston Smithy	0	2	4	6	0	£4,000	607%	G,J	Anti Skid + signs
A71, at Co-op, Galston	0	3	3	6	2	£5,600	598%	G	Anti Skid at crossing and access
Glaisnock Street, Cummock	0	3	2	5	3	£7,000	464%	F,J,K	speed cushions + raised junction
Polwarth Street, Galston	0	1	4	5	2	£4,000	352%	F,J,K	speed cushions
High Street, Stewarton	0	4	7	11	7	£14,000	340%	F,J,K	speed cushions
A735, Wardhead/Lochridge, S. of Stewarton	0	1	4	5	1	£4,700	300%	G,J	Anti Skid + bend signs
A71, West of Galston	0	0	8	8	0	£4,500	174%	G	Anti skid on petrol station approach
B705, Catrine	0	2	4	6	2	£15,000	162%	F,J,K	speed cushions
A70, Ayr Road, Ochiltree	0	2	3	5	1	£20,000	117%	G	Anti Skid
Titchfield Street, Galston	0	2	3	5	2	£25,000	93%	E,F,J,K	All caused by peds and bikes
B7038, Ayr Road at Caprington, Kilmarnock	0	0	6	6	2	£10,000	59%		2 distinct sites (junctions)
<b>TOTALS</b>	<b>3</b>	<b>32</b>	<b>64</b>	<b>99</b>	<b>24</b>	<b>£160,000</b>			
<b>COST OF EACH INJURY ACCIDENT</b>	<b>£1,475,366</b>	<b>£169,737</b>	<b>£16,308</b>						
<b>TOTAL COSTS OF INJURY ACCIDENTS</b>	<b>£4,426,098</b>	<b>£5,431,584</b>	<b>£1,043,712</b>	<b>£10,901,394</b>					

\* LEGEND

A - PEDESTRIAN GUARDRAIL  
 B - PELICAN CROSSING  
 C - TOUCAN CROSSING  
 D - REFUGE ISLAND  
 E - BUILD OUTS

F - SPEED CUSHIONS  
 G - ANTI-SKID TREATMENT  
 H - RED TEXTURED SURFACING  
 J - TRAFFIC SIGNS  
 K - ROAD MARKINGS

L - MINI ROUNDABOUT  
 M - GATEWAY FEATURE  
 N - CYCLE LANE  
 P - TRAFFIC LIGHTS  
 Q - SAFETY FENCE

**LIST OF REQUESTED ROAD SAFETY SCHEMES**

**TABLE 2**

ROUTE	NO. OF ACCIDENTS IN 5 YEAR PERIOD					COST	FYRR	NATURE OF PROPOSED MEASURES	COMMENT
	FATAL	SERIOUS	SLIGHT	TOTAL	PEDESTRIAN				
C36 Hall of Auchincross	1	1	5	7		£4,000	2590%	G	Accidents mainly caused by vehicles losing control at bends/failing to maintain a safe distance. Enhanced signing, verge markers and road markings have been installed recently.
B7034 Hollybush		2		2		£4,000	509%	J,K	Request for speed reducing measures
A719 South of Waterside - accidents		1	6	7		£5,000	321%	J,K	Concern expressed regarding road safety. Rural route action plan type measures could be brought forward.
Kilmaurs - Main Street Pelican		1	1	2	1	£7,500	149%	B	Pedestrian crossing in centre of village to improve access to bus stops and retailers. It is proposed to carry out in conjunction with Environmental Improvement with contribution of approximately £7,500 from the environmental improvement budget towards the safety measures.
Kilmarnock – Campbell Street – Pedestrians		1	1	2	1	£8,000	140%	D	Numerous requests have been received for a pedestrian crossing on this busy wide road. It doesn't meet the criteria for the provision of a controlled crossing. Measures will deter speeding and provide central refuges to allow pedestrians to cross traffic streams more easily. Works will be designed in consultation with the police and fire Service.
Barbieston Road, Dalrymple		2	1	3	3	£20,000	107%	F	Possibility of traffic calming over specific length. All accidents were pedestrians.
Kilmarnock – Ayr Road near Caprinton Avenue			6	6	2	£7,000	84%	D,G	Speed limit is being reduced from 40mph to 30mph. The location does not meet the criteria for a controlled crossing, but further assessment to be carried out.
Drongan – Mill O' Shiel – vehicle speeds – vicinity of school		1	3	4	2	£20,000	66%	F,J,K	A significant access road into a residential area of Drongan, where requests have been received for speed reduction measures.
Kilmarnock - Inchmurrin Drive – vehicle speeds		1	1	2		£30,000	37%	F,J,K	Requests have been received for speed reduction measures and also Twenty's Plenty in the surrounding area. Due to the nature of this route (residential core road) traffic calming is appropriate with Twenty's Plenty being implemented on the adjacent minor residential roads
B741 New Cumnock, Bankglen to A76			1	1		£3,500	28%	J,K	Requested by members of B741 Action Group. May get contribution from Scottish Coal under new application for an extension to House of Water OCCS.
Kilmarnock - Glasgow Road south of Tesco roundabout - Pedestrians			2	2		£9,400	21%	D,E	Requests have been received for pedestrian crossing facilities. Speed limit recently changed from 40mph to 30mph. Route to Dean Castle Park in this vicinity as well as school crossing patrol

**TABLE 2( CONTINUED)**

Kilmarnock - Queen Drive	12	12	1	£75,000	16%	CARRIAGEWAY IMPROVEMENT	Issues are accidents and traffic congestion. A contribution of £80,000 is coming from Homebase towards junction improvement at Hurlford Road and Old Mill Road, FYRR is based on accident savings - but reduction in delays would increase the return.
B743 Sorn from Dalgain to B713 junction	2	2	1	£20,000	10%	E,J,K	From Sorn Community Council
Stewarton - Mini Roundabout – David Dale Avenue				£10,000	0%	K,L	Request has been received for consideration of a mini roundabout. This would discourage speeding on the A735 approaches to the junction and ease traffic flows in and out of David Dale avenue
Stewarton – Vennel Street – vehicle speeds				£30,000	0%	E	Request for speed reduction measures. Footways are narrow. Works would tie in with traffic calming being implemented on Kirkford.
Catrine -Sorn Street				£20,000	0%	F,J,K	Straight dual carriageway in residential area gives concern regarding the speed of vehicles
Cumnock – Drumbrochan Road – Vehicle speeds				£20,000	0%	F,J,K	Extends and compliments measures carried out under Cycling Walking walking and Safer streets.
Kilmarnock – Southcraig Drive – vehicle speeds				£20,000	0%	F,J,K	Concern about speeding on this route has been expressed.
Skares – 30mph speed limit – traffic calming				£30,000	0%	F,J,K	A contribution is being made by ATH, in this current financial year, towards traffic calming in Skares. It is proposed to provide funding to allow the completion of traffic calming works and the introduction of a 30mph speed limit.
Waterside (A719) - Speed reduction measures				£30,000	0%	F,J,K	Public concern about traffic speeds through Waterside have been expressed. Speed reducing measures would help make the route consistent with respect to measures being introduced on the A719 in Moscow. Additional traffic is expected once the new section of the M77 is opened.
Holmhead, Cumnock				£30,000	0%	F,J,K	Request for traffic calming
Holmes Road, Kilmarnock				£30,000		F,J,K	Long straight road, concern over vehicle speeds
<b>TOTALS</b>	1	10	41	52			£253,400

<b>COST OF EACH INJURY ACCIDENT</b>	£1,475,366	£169,737	£16,308	
<b>TOTAL COSTS OF INJURY ACCIDENTS</b>	£1,475,366	£1,697,370	£668,628	£3,841,364

- \* **LEGEND**
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|--------------------------|-----------------------------|---------------------|
| A - PEDESTRIAN GUARDRAIL | F - SPEED CUSHIONS / TABLES | L - MINI ROUNDABOUT |
| B - PELICAN CROSSING     | G - ANTI-SKID TREATMENT     | M - GATEWAY FEATURE |
| C - TOUCAN CROSSING      | H - RED TEXTURED SURFACING  | N - CYCLE LANE      |
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