

ANGUS COUNCIL

INFRASTRUCTURE SERVICES COMMITTEE

24 NOVEMBER 2009

ACCIDENT INVESTIGATION PROGRAMME UPDATE

REPORT BY THE DIRECTOR OF INFRASTRUCTURE SERVICES

ABSTRACT

This report outlines the progress of work implemented as part of the Accident Investigation Programme and highlights the accident cluster sites identified from the most recent three year accident data period, 2006-08.

1 RECOMMENDATION

1.1 It is recommended that the Committee:

- (i) notes the work which has now been carried out at accident cluster locations previously identified in Report Nos. 580/08 and 460/09;
- (ii) notes the accident cluster locations identified from the 2006-08 accident data and the remedial proposals which are recommended to be undertaken in financial year 2010-11.

2 INTRODUCTION

- 2.1 Report Nos. 580/08 and 460/09 highlighted the need for implementing and maintaining a rolling programme of an Accident Investigation, to be updated on an annual basis.
- 2.2 The previous reports also highlighted the initial accident cluster sites identified, 35 locations in total, having three or more injury accidents in the three year period 2005-07.
- 2.3 A series of engineering measures were identified to be carried out at a number of locations following analysis of the accident data and associated site surveys.

3 DETAIL

- 3.1 Works have been carried out this financial year at 22 of the 35 accident cluster sites identified from the accident data from 2005-07 inclusive. The works consisted of mainly signing and lining works as well as road surface treatment works.
- 3.2 No immediate works were required at nine of the other locations, as highlighted in the previous report, due to remedial works having already taken place in recent years.
- 3.3 The works identified at the four remaining accident cluster locations are to be included as part of larger scale works to be undertaken in the near future, for example, Monifieth town centre enhancements project and road maintenance schemes.
- 3.4 All locations will continue to be monitored to determine the success or otherwise of the schemes implemented in reducing the number of accidents and this will be reported as part of the next update of the Accident Investigation Programme.
- 3.5 The accident analysis for the three year period 2006-08 has identified a total of 39 accident cluster sites, 18 of which are existing sites and 21 new locations. The sites are listed in Appendix 1. Accordingly therefore it can be seen that 17 of the previously identified 35 cluster sites have

been removed from the list by dint of reductions in the numbers of accidents over the relevant three year period. The list identifies specific locations with three or more injury accidents in a 50m radius, predominantly urban locations, and lengths of road with three or more injury accidents in a 500m length, mainly rural locations.

- 3.6 One reason that existing sites remain included on the updated list is that a three year rolling programme is used for cluster site identification. Therefore accidents which had occurred in 2006 and 2007 are still incorporated in the updated analysis for 2006-08.
- 3.7 Surface treatment works have already been undertaken at a number of the new cluster sites in the past two years which it is intended will assist with reducing the occurrence of accidents at those locations. The works identified to be carried out next financial year will be mainly low cost signing and road marking schemes as well as road surface treatments undertaken by the Roads Maintenance section.
- 3.8 It is anticipated that the improvement schemes already implemented and those that will be carried out next year will assist in reducing the number of accidents at the cluster site locations and will help towards achieving the casualty reduction targets for 2010 and the new targets towards 2020, as reported in a separate report to this committee.

4 **FINANCIAL IMPLICATIONS**

- 4.1 The majority of the identified works to be carried out next financial year will be low cost remedial or moderate improvement works. These works can be funded from the Traffic Calming/Road Safety and Supplementary Traffic Schemes Provisional 2010/11 Capital budgets with the surfacing works funded from the Maintenance budget for carriageway surface treatments.

5 **HUMAN RIGHTS IMPLICATIONS**

- 5.1 There are no human rights implications arising from the proposals in this report.

6 **EQUALITIES IMPLICATIONS**

- 6.1 The issues contained in this Report fall within an approved category that has been confirmed as exempt from an equalities perspective.

7 **SINGLE OUTCOME AGREEMENT**

- 7.1 This report contributes to the following local outcome(s) contained within the Single Outcome Agreement for Angus.
- Communities in Angus are safe, secure and vibrant
 - A good quality of life is enjoyed by all in Angus

8 **CONSULTATION**

- 8.1 The Chief Executive, Director of Corporate Services, Head of Finance, Head of Law and Administration, Tayside Safety Camera Partnership, Firemaster and the Chief Constable were consulted in the preparation of this report.

9 **CONCLUSION**

- 9.1 The progress of works carried out as part of the Accident Investigation Programme is reported as well as the identification of accident cluster sites using accident data from the three year period 2006-08.

- 9.2 The success or otherwise of the schemes implemented at the initial accident cluster sites will be reported in the next update of the Accident Investigation Programme.

**ERIC S LOWSON
DIRECTOR OF INFRASTRUCTURE SERVICES**

NOTE:

The following background papers, as defined by Section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information), were relied on to any material extent in preparing this Report:-

Report No. 580/08: Casualty Reduction Targets & Accident Investigation Programme – Infrastructure Services Committee, 3 June 2008.

Report No. 460/09: Casualty Reduction Targets & Accident Investigation Programme Preparation & Implementation – Infrastructure Services Committee, 2 June 2009.

Roads/JG/TC

Accident Cluster Sites (2006-08 period)

APPENDIX 1

39 sites - (18 existing & 21 new; of which 7 are urban & 14 rural)

Site	Route	Description	PIA's	Accident Severity			New/ Existing Site	Comment/Proposals
				Fatal	Serious	Slight		
1	C75	High St at its junction with New Wynd, Montrose	5		3	2	New	Renewal of road markings 2010/11
2	B966	Cookston Rd/Clerk Street junction, Brechin	5		1	4	Existing	Surface treatment works planned 09/10
3	A92	Montrose Rd/Hayswell Rd junction, Arbroath	4			4	New	Signing & possible surface treatment works 2010/11
4	A935	South Esk St/Park Road junction, Brechin	4		3	1	Existing	Junction treatment works proposed 2010/11
5	C75	High Street/Hume Street junction, Montrose	3		1	2	New	Renewal of road markings 2010/11
6	A933	Cairnie Rd/Keptie Rd junction, Arbroath	3			3	New	Signal controlled junction to be installed in the current financial year.
7	C69	John St/Mill St junction, Montrose	3			3	New	Additional illuminated sign provided. Renewal of road markings 2010/11
8	A926	Brechin Rd/Lochside Rd junction, Forfar	3			3	New	Road markings renewed 2009
9	C604	Brothock Bridge/Gravesend junction, Arbroath	4		2	2	Existing	Signing & road markings renewed 09
10	Unc.	High St/Church St junction, Brechin	3		1	2	Existing	Continue to monitor
11	C69	Union St/Union Place junction, Montrose	3			3	Existing	Signing works planned 2009/10
12	A92	Burnside Drive/Millgate junction, Arbroath	3			3	New	Continue to monitor
13	B9095	Catherine St/West Port junction, Arbroath	3			3	Existing	Renewal of road markings planned 09

Site	Route	Description	PIA's	Accident Severity			New/ Existing Site	Comment/Proposals
				Fatal	Serious	Slight		
RURAL								
14	A933	Brechin to Arbroath (Greenlaw Bends)	12		3	9	Existing	Bend realignment scheme implemented early 2009, continue to monitor
15	A937	Hillside to Marykirk near its junction with C38	6	1	2	3	New	Structural maintenance scheme. Works on site Nov. 09
16	A94	A94 at its junction with B9127 (Douglstown)	4			4	Existing	Possible junction improvement scheme 2010/11
17	B9127	B9127/B9128 X-roads	4		1	3	Existing	Signing & road markings renewed 09
18	A926	Forfar to Kirriemuir (Checkiefield bends)	3		1	2	New	Surface dressed 09, signing works 10/11
19	A92	Kinnaber bends	7			7	Existing	Retextured 2008, signing upgraded 09
20	A92	Ethiebeaton area (inc. C4 road)	7			7	New	C4 signing & road markings upgraded 09
21	A935	Montrose to Brechin (Balwyllo bends)	7			7	Existing	Retextured 2009, bend realignment scheme proposed
22	A92	Muirdrum area (inc A930 & B9128)	7		3	4	New	B9128 bend signing & road markings to be upgraded 10/11
23	A934	Montrose to Kinnell at Fithie	6			6	New	Signing works 10/11
24	A92	Big Tree Bends (Hawkhill)	5	1	1	3	New	Signing & road markings renewed 09, bend realignment scheme proposed
25	B961	Crombie to Monikie at Guildy bend	4		2	2	Existing	Signing & road markings upgraded 09
26	A923	Coupar Angus Road, near Lundie Castle turn off	3		1	2	New	Surface dressed 2009, signing & road markings to be upgraded 10/11

Site	Route	Description	PIA's	Accident Severity			New/ Existing site	Comment/Proposals
				Fatal	Serious	Slight		
RURAL								
27	A932	Forfar to Arbroath Rd (Milldens Bends)	3		1	2	New	Signing & road markings to be upgraded 10/11
28	B978	Broughty Ferry to Wellbank, north of Kellas	4	1	1	2	Existing	Speed limit reduction implemented 2009
29	B978	B978 / B9127 Kirkbuddo crossroads	3		1	2	Existing	Signing & road markings upgraded 09
30	B9113	Forfar to Montrose at C44 Westerton junction	3	1		2	New	Signing & road markings to be upgraded 10/11
31	B954	Newtyle Rd at its junction with U332	3		2	1	New	Signing & road markings to be upgraded 10/11
32	B954	Dundee to Meigle Rd at Burnside Quarry bends	6		4	2	Existing	Signing & road markings upgraded 09, drainage works planned 09/10
33	A926	Forfar to Kirriemuir Rd at Maryton	3			3	New	Signing & road markings to be upgraded 10/11
34	A932	Forfar to Friockheim at Murton bends	4		2	2	Existing	Signing & road markings upgraded 09
35	A923	Coupar Angus Road, near to the Birkhill Inn	3			3	New	Retextured 2009, continue to monitor
36	B954	Dundee to Meigle Rd at Hosie Park bends	4		1	3	Existing	Signing & road markings upgraded 09
37	A928	Milton of Ogilvie bends	3			3	Existing	Signing, road markings & solar studs planned 2009
38	B9113	Forfar to Montrose Rd at bends to Myreside	3		1	2	New	Signing & road markings to be upgraded 10/11
39	A930	Barry Road at Lucknow	3	1	1	1	New	Possible signing works 2010/11

PIA's: personal injury accidents

