

WEST OF ENGLAND ROAD SAFETY PARTNERSHIP**TUESDAY 25th MARCH 2008****ITEM 11 - LOCAL SAFETY SCHEME PROGRAMME 2008/09**

1. This report describes the purpose and objectives of Local Safety Schemes, the budgets allocated by the 4 UA's to their programmes for 2008/09 and the details of the individual Council programmes.
2. Local Safety Scheme Procedures
 - 2.1 As with all road safety activity the identification of actions to prevent future accidents is data-led using accident information provided by the police. All road accidents resulting in a personal injury and reported to the police are recorded and held on a database covering the Partnership area. This data is checked and validated by each Council and can be displayed graphically.
 - 2.2 This accident information can be analysed in numerous ways looking for common factors such as vehicles turning right, excess speed or night-time occurrences. It is common practise to look at the accident history over a period of 3-5 years and compare the accident record with the typical accident rate for a road or junction of that type to see if there is an accident rate greater than what would usually be expected.
 - 2.3 If there is an abnormal accident record it is then necessary to identify a treatment that is likely to be effective in preventing such incidents in the future. These treatments do not necessarily have to be physical measures and could comprise Education, Training or Publicity (ETP), or Enforcement. It is also possible that more than one type of treatment may be required.
 - 2.4 This process of analysis and identification of remedial treatments is common for all road safety activity including the ETP and Safety Camera programmes. However, in regards to physical works the 4 UA's use similar (but not identical) methods to identify and prioritise what are know as Local Safety Schemes. Local Safety Schemes are physical measures designed specifically to reduce the occurrence of accidents and the severity of casualties.
 - 2.5 A Local Safety Scheme may be designed to address an accident cluster site (eg particular junction or bend), or it may be a route or area treatment, or even a mass action aimed at a particular issues across the highway authority area as a whole (eg high skid resistance surfacing on the approach to all pedestrian crossings). It is normal to prioritise road safety activity and for local safety schemes this is based on a number of factors such as; minimum intervention levels, severity of casualty, vulnerable road users and first year rate of return (ie the savings in cost of predicted reduction in accidents compared to the cost of the remedial measure).
 - 2.6 It is apparent that there are differences in how the UA's determine their Local Safety Scheme Programme and it is proposed that this will be reviewed over

the next 2 years and compared with best practice (such as the Road Safety Good Practice Guide) with a view to sharing a common approach.

3. Budgets and Programme for 2008/09

3.1 The 2008/09 Local Safety Scheme Programmes and budgets for the 4UA's are at various stages of preparation and still need to be formally agreed by each Council and therefore, may be subject to change. However, the indicative budgets are listed below in Table 1 and the currently available programmes are attached at Appendix1.

Table 1 Indicative Local Safety Scheme Funding - 2008/09

Bath and North East Somerset	Bristol City	North Somerset	South Gloucestershire	Total
£153k	£545k	£537k *	£534k	£1769k

* Budget includes £100,000 (revenue) and £72,025 (capital) of Road Safety Grant

APPENDIX 1

DRAFT LOCAL SAFETY SCHEME PROGRAMME 2008/09

Bath and Northeast Somerset

Ward	Scheme	£000s
Various	Anti-Skid Surfacing	25
Various	Vehicle Activated Signs	25
Peasedown/Bathavon West	A367 Peasedown/ Dunkerton Speed Limits	60
Southdown	Whiteway Road/ Poolemead Road AIP Scheme	15
Midsomer Norton North	Station Road bends remedial work	10
Clutton	A37 Redhill AIP scheme	18
		153

Bristol City

Casualty Reduction - Local Safety Schemes - 545k 08/09

Ward	Scheme
Lawrence Hill/Ashley	M32 Junction 3 signalisation and safety works
Various	General Small scale local safety schemes
Various	Rollout of Watchman Camera scheme on further corridors
Various	Vehicle Activated Signs (VAS) - citywide
Various	High Friction Surfacing, mass campaign across the city

North Somerset

Local Safety Schemes 2008/09 (Budget £536k?)		All casualty stats are from 01/07/04 - 30/06/2007				
LTP £360k, Road Safety Grant £126,327 + additional £50k= £536,327						
Implement schemes previously designed (budget £260k)						
Cost	Location	Description	Total Accs	Accs in last 12 months	Casualties/yr	KSI casualties/yr
£180,000	North Worle (north of Queensway)	Area Scheme - Local Distributors	24	8	10.33	1
£78,000	A370 Bleadon	Junction improvement	7	2	3.66	0.33
£5,000	A368 The Coombe, Blagdon	Signing/lining	6	1	9*	0.33
£24,000	B3133 Frost Hill, Yatton	Signing/lining	4	1	2	0.33
£36,000	Avon Way/Slade Road	Junction improvement	4	1	2	0.33
		* Includes 20 coach passenger casualties from one accident				
£323,000	Sub total					
Design and implement minor schemes (budget £110k)						
Cost	Location	Description	Total Accs	Accs in last 12 months	Casualties/yr	KSI casualties/yr
£40,000	A38 (wrington to boundary)	red route treatment	25	10	12	3.33
£30,000	Herluin Way approach to Winterstoke Rd r'b't	Anti-skid?	17	7	6.67	0.33
£10,000	A370 Somerset Ave./Moor Lane r'b't westbound	Signs/road markings	9	4	3.33	0
£14,000	A370 Somerset Ave. (e/b approach to r'b't)	Anti-skid?	6	6	2.67	0
£50,000	Vehicle Activated Signs					
£15,000	Miscellaneous Minor Schemes					
£159,000	sub total					
Design only schemes 2008/09 (Budget £60k)						
Design fee	Location	Description	Total Accs	Accs in last 12 months	Casualties/yr	KSI casualties/yr
£10,000	West St./South Parade, WsM	Pedestrian improvements	9	2	3	0.67
£20,000	A38/Downside Road	Traffic signals	7	2	3.33	0
£10,000	A371/Elm Tree Rd junction	Junction improvement (cyclists?)	5	3	3	0
£10,000	Locking Rd./Earlham Grove junction	Junction improvement	5	3	2	0
£5,000	Scheme monitoring					
£55,000	sub total					
£537,000	Total Local Safety schemes 08/09					

South Gloucestershire

Scheme No.	Area Forum	Parish	Scheme Name	Funding Source	Est Cost	3yr acc s
CR01	TC	Kingswood	New Cheltenham Road (Tennis Court Road to Lees Hill) – Speed Reduction, Pedestrian and Motorcycle Safety – Route Action	LTP	£30,000	10 (1se)
CR02	KF	Hanham	A431 Hanham High St (Memorial Road to Chapel Road) – Pedestrian Safety and Speed Management	LTP	£85,000	8 (4se)
CR03	KF	Mangotsfield Rural	A4174 Ring Road/Westerleigh Rd Roundabout – A4174 – Casualty Reduction Surfacing	LTP	£20,000	6
CR04	SB	Filton	Filton Avenue (Bristol boundary to Tenth Avenue) – Casualty Route Action and Street Lighting	LTP	£80,000	14 (2se)
CR05	AW	Various	Targeted Casualty Reduction - Low Cost Schemes <i>add sites</i>	LTP	£30,000	
CR06	TC	Mangotsfield	B4465 Mangotsfield Road (Hill House Road to Rodway Hill) – Casualty Reduction and Route Action	LTP	£40,000	5 (3se)
CR07	SV	Alveston	B4427 Rudgeway to Earthcott Green – Casualty Reduction Route Action	LTP	£30,000	6 (3se)
CR08	TC	Kingswood	B4066 Hanham Road (Douglas Road to Mounthill Road) – Casualty Reduction Route Action	LTP/DEV GD3246	£47,000 (£27,000 DEV)	13 (3se)
CRO9	KF	Mangotsfield	Rodway Hill, Casualty Reduction Surfacing and Chevrons	LTP	£15,000	3

CR10	FV	Frampton Cotterell	B4058 Bristol Road, Frampton Cotterell (Perrinpit Road to Iron Acton) – Casualty Reduction Route Action	LTP	£30,000	5 (3se)
CR11	FV	Frampton Cotterell	Perrinpit Road (o/s Perrinpit Farm) – Casualty Reduction Surfacing	LTP	£15,000	2
CR12	FV	Dodington	B4465, Westerleigh Road (outside Crematorium) – Casualty Reduction Surfacing	LTP	£15,000	2
CR13	FV	Yate	Goose Green Way / Wellington Road, Yate – Vehicle Activated Junction Warning Sign	LTP	£6,000	5
CR14	SV	Pilning & Severn Beach	A403 / Ableton Lane, Severn Beach – Speed Reminder Sign and Casualty Reduction Surfacing	LTP	£12,000	4
CR15	SV	Aust	A403 / Passage Road (South) – Speed Reminder Sign and Casualty Reduction Surfacing	LTP	£12,000	3 (2se)
CR16	SB	Bradley Stoke	Brook Way / Braydon Avenue, Mini-Roundabout – Junction Improvement	LTP	£20,000	5
CR17	KF	Mangotsfield	Westerleigh Road Northbound Approach to Folly Brook Road – Reduce Carriageway Width	LTP	£5,000	2se
CR18	SV	Pilning & Severn Beach	B4055 Marsh Common Road/Cross Hands Road, Pilning (Railway Bridge) Casualty Reduction Surfacing	LTP	£36,000	3
CR19	SB	Winterbourne	B4058 Bristol Road/B4427 Old Gloucester Road Junction (Crown Corner), Hambrook. Vehicle Activated Sign and Signing Improvements	LTP	£6,000	4
				TOTAL	£534,000	