

Swale Joint Transportation Board
17th September 2007
Tabled Agenda Item No. 10

ITEM 6

Transportation and Safety Package Programme 2008/09

A report by the Head of Transport & Development Planning to the Highways Advisory Board on 18 September 2007.

Introduction

1. Kent County Council's (KCC) local transport funding for 2008/09 was determined by the Department for Transport (DfT) in December 2006 as part of its assessment and settlement announcement regarding Kent's transport strategy, the Local Transport Plan (LTP). This funding has been provided to support local transport schemes that deliver the LTP, which itself sets out the County Council's approach to achieving a number of key transport objectives, including:
 - Improve access to key services by sustainable modes of transport;
 - Tackle the occurrence of peak hour congestion, particularly in larger urban areas;
 - Improve road safety by reducing the number of people killed or seriously injured on Kent's roads;
 - Improve local air quality, particularly in designated Air Quality Management Areas (AQMAs).

Funding - 2008/09

2. Kent's LTP funding for 2008/09 includes a capital allocation of £12.883M, which consists of borrowing approvals and grant and is specifically for the implementation of Integrated Transport (IT) schemes. As a Floor Authority, KCC has determined that this allocation should be capped at a level to which the borrowing element can be fully supported. Therefore, the actual funding allocation for 2008/09 has been determined by the County Council's Medium Term Financial Plan and is subsequently set at £9.1M for 2008/09. Whilst this lower allocation represents a shortfall when compared to the Government's initial LTP settlement for 2008/09, it does represent a significant increase in scheme funding for Kent when compared to previous years; in 2007/08, funding was set at £7.3M.
3. This report provides a summary of the 126 schemes that make up the proposed Transportation and Safety Package Programme for 2008/09 and provides details of how Kent's £9.1M investment programme will be allocated across the County. The schemes proposed for 2008/09 are presented in order of District and include the individual PIPKIN Score, Scheme Priority Rating and Scheme Rank (out of 126 schemes) and are shown in **Appendix 1**.

Scheme Prioritisation (PIPKIN)

4. The proposed Transportation and Safety Package Programme for 2008/09 represents a significant milestone in determining Kent's local transport priorities and establishing local investment programmes in that it has been devised using Kent's Scheme Prioritisation Methodology, PIPKIN.

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5. A report outlining the principles and a proposal to implement PIPKIN was presented to the Highways Advisory Board (HAB) in July 2006, and was approved by the Cabinet Member for Environment, Highways and Waste on the strength of the recommendations of this Board. The introduction of PIPKIN has determined that all scheme proposals must be subjected to a formal assessment and be prioritised in accordance with their likely impact and wider contribution towards Kent's strategic and local transport objectives. PIPKIN also provides the County Council with the ability to assess an infinite number of schemes and between February and May 2007, the County Council formally assessed and prioritised a list of 286 scheme contenders. The cumulative build cost of these schemes equates to more than £20M. The proposed Transportation and Safety Package Programme for 2008/09 includes the top priority schemes from the initial list of 286 schemes.
6. Following the formal scheme assessment phase the initial outputs of PIPKIN were subjected to a process of validation and moderation. In June 2007, a team of PIPKIN users was tasked with validating the inputs and outputs of the model to ensure the accuracy of each scheme assessment and to ensure that schemes were prioritised in a consistent manner. In July 2007, the proposed list was presented to the Cabinet Member for Environment, Highways and Waste and to the Director of Kent Highway Services (KHS) for their initial comments.
7. A further benefit of the PIPKIN process is that it is closely aligned to the Transforming KHS programme delivery timetable. The emerging delivery timetable requires the annual Transportation and Safety Package Programme to be presented to this Board earlier in the scheme concept, design and build process. Therefore the proposed programme for 2008/09 is presented to this Board in September 2007, rather than in March 2008.

Priorities for Funding

8. Kent's scheme priorities for 2008/09 provide ongoing investment in urban traffic management measures, including UTMC in Maidstone and Canterbury and support for local public transport services, particularly in Quality Bus Partnership (QBP) areas. The proposed schemes also include an evidence based programme of Casualty Reduction Measures (CRMs) and support for continued investment in sustainable transport measures including Smarter Choices initiatives.
9. The proposed programme includes:
 - Continuation of Kent's pilot **UTMC** project, which has already delivered the County's Traffic Control Centre in Maidstone. (Funding in 2008/09 - £500K).
 - Phase 1 of improvements to the Maidstone **Bridge Gyrotory System**. (£300K).
 - Phase 1 funding for improvements to the **A2 Slip Roads** in Canterbury. (£650K).
 - Public Transport Infrastructure improvements to provide **bus priority** in Ashford, thereby supporting the delivery of the Warren Park and Ride site and delivery of SMARTLINK. (£250K).
 - Funding for the development of **UTMC across Kent** and targeted funding to support the evolution of UTMC in Canterbury. (£250K, Countywide) and (£400K, Canterbury).
 - Investment in **Quality Bus Partnership** (QBP) initiatives in Ashford, Canterbury, Maidstone and Thanet and Tunbridge Wells. (c.£1.5M).

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- Improved access to key services by **sustainable transport** modes, including; improved bus and pedestrian access to QEQM Hospital, Thanet, improved access to schools through a countywide programme of Safer Routes to Schools and Smarter Choices initiatives. (c.£1M).
- Investment in **road safety** initiatives through a targeted programme of Countywide Casualty Reduction Measures (CRMs). (£360K).

Conclusion

10. The proposed Transportation and Safety Package Programme for 2008/09 represents a balanced programme of investment for Kent. The schemes presented above demonstrate the strategic nature of the proposed programme. A key strength of the PIPKIN process and therefore the programmes of investment derived from it, is that whilst PIPKIN recognises the need to tackle strategically important issues it also recognises the genuine need to tackle local priorities. This feature has enabled KCC to provide ongoing investment to improve access to local services and promote and support local sustainable travel initiatives; including public transport, walking and cycling. This approach also enables Kent to prioritise local safety schemes using local data relating to personal injury crashes.

Recommendations

11. Subject to the views of this Board, it is proposed to recommend to the Cabinet Member for Environment, Highways and Waste that:
- (i) the proposed Transportation and Safety Package Programme for 2008/09 (as shown in Appendix 1) be approved;
 - (ii) this Board provides on going support for the development and application of Kent's Scheme Prioritisation Model, PIPKIN;
 - (iii) the Joint Transportation Boards receive a report on the approved schemes for their area.,

Accountable Officer: David Hall 01622 221081

Background Papers:

HAB 11 July 2006. ITEM 10.

APPENDIX 1: TRANSPORTATION AND SAFETY PROGRAMME FOR 2008/09

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
1	Newtown Road, Bridge	Modify bridge to allow improved bus, pedestrian and cycle access.	Ashford	200	100	High	1
2	Warren Park & Ride	Bus priority measures to assist delivery of Park and Ride	Ashford	250	94	High	2
3	A251 Faversham Road	Link existing cycle route to a school	Ashford	80	69	High	28
4	Footway AU19	Provide sustainable link between residential and key services	Ashford	5	65	High	43
5	Footway AU 39	Improvement to footpath link to town centre and amenities	Ashford	3	58	High	80
6	Ash 212 Bethersden	Improvements to signing and extend speed limit to south west	Ashford	8	55	Medium	112
7	Boys Hall Road - Cycleway	Cycleway extension	Ashford	80	55	Medium	120
District Programme Total (£K)				626			

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
1	Canterbury to Folkestone Quality Corridors	Bus infrastructure improvements to support bus operator investment	Canterbury	100	81	High	6
2	Urban Traffic Management & Control	Provision of Variable Message Signs and UTM Co-ordination	Canterbury	400	78	High	14
3	A2900 Chesfield Road - CRM 1383	Provide alternative cycle route via slip road, convert pelican to toucan	Canterbury	40	70	High	22
4	Shalloak Road, Broad Oak - CRM 1385	Installation of centre line studs	Canterbury	10	68	High	31
5	A2 Slips, Canterbury	Initial phase of slip road improvement	Canterbury	650	60	High	68
6	Public Footpaths CW15 & CW17 - Whistable	Pedestrian links, two all weather links between residential areas	Canterbury	24	59	High	72
7	Implementation of Canterbury Bus Strategy	Bus priority measures, infrastructure and RTI (part of OBP)	Canterbury	300	58	High	86
8	Public Footpath CW52 - Whistable	Reconstruction of public footpath, upgrade to all weather surface	Canterbury	29	56	Medium	97
9	Chartham Down Road/ffin Lane - CRM 1384	Provide kerb build outs, re-site and improve signing	Canterbury	5	55	Medium	108
10	A28/Shalinsford Street - CRM 1382	Re-site junction signing and extend high friction surface	Canterbury	5	55	Medium	109
11	Seasalter to Whistable - new cycleway/footway	New cycleway/footway and improvements to NCRT	Canterbury	60	55	Medium	119
12	Connect 2 - Kent Contribution (Phase 1)	Kent contribution toward Connect 2 project	Can't/Thanet	100	80	High	8
District Programme Total (£K)				1722			

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
1	Dartford Rail-Bus Interchange	Integration of Dartford station and Fastrack and other local bus services	Dartford	20	79	High	10
2	Swanscombe & Greenhithe Cycle Imp	Improve walking/cycling routes. Inc. Swanscombe and Ebbs Station	Dartford	50	73	High	17
3	Farningham Road Station - Interchange Imps	Bus/Rail interchange improvements, improved pedestrian access	Dartford	50	71	High	20
4	Urban Traffic Management & Control	Installation of UTM to manage Ring Road traffic	Dartford	50	69	High	24
5	Green Travel Plans	Improvements to transport facilities as a result of Green TPs	Dartford	50	69	High	25
6	Real Time Passenger Information	Provision of RTPI at bus stops in rural Dartford	Dartford	50	68	High	33
7	Sedleys & Langafel Schools - PROW	Improvements to pedestrian routes linking to schools	Dartford	30	66	High	37
8	Waiting Street - Toucan Crossing	Installation of Toucan Crossing on A296, Waiting Street	Dartford	50	66	High	39
9	SRTS - Dartford	Improvements to walking and cycling routes from schools	Dartford	100	66	High	41
10	B2174 Princes Road - Footway/cycleway	Installation of footway/cycleway from Lowfield St to Crayford Rd	Dartford	150	66	High	42
11	Longfield Station - Interchange Imps	Bus/Rail interchange improvements and related access works	Dartford	25	64	High	47
12	Darent Valley Accessibility Imps	Promotion of non-car modes to Darent Valley, cycleway Imps	Dartford	25	64	High	48
13	Princes Road/Shepherds Lane - Toucan Crossings	Provision of Toucan crossing at Princes Rd/Shepherds Lane	Dartford	70	64	High	50
14	Ped Crossing Imps - Dartford	Undertake improvements to pedestrian crossings to enhance access	Dartford	50	63	High	56
15	Oakfield Junior School - PROW	Improvement to footpath linking to Oakfield Junior School	Dartford	12	61	High	59
16	Dartford Grammar School - PROW	Improvement to footpath linking to Dartford Grammar School	Dartford	15	61	High	60
17	A225 Lowfield St/Cranford Rd - CRM 1410	Improve signing and lining and lighting at Cranford Rd and Phoenix Place	Dartford	30	60	High	65
18	A225 Princes Road/Park Road - CRM 1409	Install high friction surface and carriageway realignment A296 at Park Rd	Dartford	35	58	High	81
19	Pedestrian links to Bluewater	Install pedestrian crossing on B255 Bean Road at Mount Rd	Dartford	150	58	High	85
20	NW Dartford Town Centre - Traffic Mgmt	Signing improvements to enhance traffic management	Dartford	50	55	Medium	117

21	Highcross Road/Belsham Road - CRM	Improve lighting and road markings and provision of high friction surface	Dartford	40	54	Medium	124
				District Programme Total (£K)			
				1102			

No.	Scheme Title	Scheme Description	District	Cost (£K)	Score	Priority	Rank (126)
1	Dover Priory Railway Station	Contribution towards improving station, inc. public transport interchange	Dover	100	88	High	3
2	Bus Stop Infrastructure Improvement Programme	Bus infrastructure improvements, mainly on Dover Diamond Route	Dover	100	69	High	29
3	Deal Cycle Routes (phase 3)	New cycle route linking Sholden to town centre/seaford	Dover	75	66	High	40
4	Deal Cycle Routes (phase 4)	New cycle route, including installation of Toucan crossing	Dover	130	64	High	52
5	River Dour Cycle Route	Footway/cycleway connection to link residential and town centre	Dover	353	64	High	54
6	A258 Queen Street, Deal - CRM 1387	Modifications to pelican operations	Dover	10	56	Medium	91
7	Public Footpath ED46, Hawkshill Down	Enhance existing footpath to provide more suitable all weather surface	Dover	18	56	Medium	95
8	B2011/Plough Hill, Church Hougham - CRM 1390	Improvement to junction signage	Dover	5	55	Medium	107
9	A258/Ringwould Rd, Ringwould - CRM 1388	Installation of high friction surface on southbound carriageway	Dover	8	55	Medium	111
10	A257/Mill Road, Wingham Green - CRM 1386	Modifications to signage, provision of high friction surface	Dover	15	55	Medium	114
				District Programme Total (£K)			
				814			

No.	Scheme Title	Scheme Description	District	Cost (£K)	Score	Priority	Rank (126)
1	Urban Traffic Management & Control	Improve travel information, linked to UTMIC development	Gravesham	100	76	High	15
2	Northfleet Tech - walking/cycling route	New foot/cycleway linking Northfleet Tech. College to local residential	Gravesham	60	69	High	27
3	Hall Road Crossing at Pepper Hill	Improved crossing facility at Hall Road, between A2 and roundabout	Gravesham	60	68	High	34
4	Darnley Road/Dashwood Road - Imps	Improve Pedestrian crossing facilities at Darnley Rd/Dashwood Rd	Gravesham	75	68	High	35
5	SRTS - Gravesham	Improvements to walking and cycling access to schools	Gravesham	50	66	High	38
6	Pedestrian Crossing Imps	Improve access for pedestrians and mobility impaired	Gravesham	25	64	High	46
7	Extension of Cycle Route - Istead Rise	Provide off-carriageway cycle route from south Gravesend to Istead Rise	Gravesham	80	64	High	51
8	B261 Old Road West/A227 Wrotham Road - CRM 1408	Realigning/signing work to reduce right turn crashes	Gravesham	30	60	High	64
9	SRTS - NG14 - Singlewell	Surface improvement to existing public footpath	Gravesham	14	59	High	71
10	St Georges Secondary School - PROW	Improvement to footpath linking to St Georges Sec. School	Gravesham	6	55	Medium	110
				District Programme Total (£K)			
				500			

No.	Scheme Title	Scheme Description	District	Cost (£K)	Score	Priority	Rank (126)
1	Refurb of Chequers Bus Station	Improvements to bus infrastructure at Chequers Centre bus station	Maidstone	50	84	High	5
2	Maidstone Urban Traffic Management & Control	Continuation of UTMIC pilot project	Maidstone	500	80	High	9
3	Maidstone Quality Bus Partnership	Improvements to bus infrastructure to support operator investment	Maidstone	100	78	High	11
4	Maidstone Cycle Network	Install Toucan crossing - New Cut Rd/Ashford Rd	Maidstone	20	70	High	21
5	Bredhurst 20mph	Installation of Street furniture to reduce vehicle speeds in village	Maidstone	75	63	High	58
6	Maidstone Bridge Gyrotory	First phase of capacity enhancement to A229 n/bound traffic	Maidstone	300	59	High	78
7	KB18 & 19 - Public Footpath, Palace Wood to Maidstone H	Provide amenity path for pedestrians inc. hosp. school and residents	Maidstone	60	58	High	84
8	Maid Bends - CRM 1405, Headcorn Rd, Staplehurst	Enhance signing and chevrons. Provide road markings	Maidstone	2	55	Medium	104
				District Programme Total (£K)			
				1107			

No.	Scheme Title	Scheme Description	District	Cost (£K)	Score	Priority	Rank (126)
1	Integrated Access Route - SR49 - Otford Station	Upgrade surface of existing path	Sevenoaks	12	60	High	61
2	Darent Valley Accessibility (phase 1)	Promotion of non-car modes to leisure centre, inc cycle infrastructure	Sevenoaks	25	60	High	62
3	Crockham Hill, phase 2	Phase 2 of speed management measures in village centre	Sevenoaks	25	60	High	63
4	Station Road Bus Stop - Swanley	Bus stop improvement on B2173 High Street	Sevenoaks	15	56	Medium	93

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
5	SRTS - SU4/DR165 Seal	Upgrade surface of existing path	Sevenoaks	25	56	Medium	96
6	Community Access Route - SD83	Realign path, upgrade surface	Sevenoaks	60	54	Medium	125
			District Programme Total (£K)		162		

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
1	Support School Travel Plans	Improvements to school access	Shepway	30	64	High	49
2	Bridleway HR11, Surface Improvement	Provide off-road multi-purpose surface	Shepway	30	59	High	74
3	Hawkinge Traffic Management	Pedestrian safety measures, traffic calming (Phase 2)	Shepway	60	59	High	75
4	Folkestone West Parkway	Car/Rail/Bus interchange and local traffic management measures	Shepway	50	58	High	79
5	A20/Alkham Valley Road - CRM 1392	Redesign advance roundabout sign and improve markings	Shepway	2.5	56	High	87
6	Dover Hill, Folkestone - CRM 1393	Provide additional chevron signing and white lining. Providing hatching	Shepway	3.5	55	Medium	106
7	M20/A20(J12) Eastbound Slip, Chertion - CRM 1394	Junction modifications	Shepway	40	55	Medium	116
8	Support Walking in Folkestone	Improvements to pedestrian access to town centre	Shepway	80	54	Medium	126
			District Programme Total (£K)		296		

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
1	Sheppey Way	Installation of cycling facilities along Sheppey Way	Swale	15	68	High	32
2	ZR 532 Boughton Street	Footpath improvements linking housing and public transport stops	Swale	3	56	High	88
3	ZR 523 - Boughton Street	Provide link between residential and schools and amenities	Swale	11	56	Medium	92
4	Cycle Network - Sheerness	New cycle route, Sheerness/West Sheppey	Swale	70	56	Medium	101
5	Cycle Network - N Sittingbourne & Iwade	New cycle route, North Sittingbourne and Iwade	Swale	90	56	Medium	103
6	London Road, Sittingbourne - CRM 1401	Extend high friction surface	Swale	4	55	Medium	105
7	ZS14 - Minster	Improved footpath to provide link between residential area and facilities	Swale	20	55	Medium	115
			District Programme Total (£K)		213		

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
1	Broadstairs Traffic Management Plan	Proposals to discourage through traffic and improve pedestrian access	Thanet	75	80	High	7
2	QEOM Hospital Entrance	Junction improvements inc. traffic signals to assist bus and pedestrians	Thanet	210	78	High	12
3	Turner to Dickens - strategic walking route	Completion of strategic walking route	Thanet	90	73	High	18
4	Cecil Sq/Cecil St, Margate - CRM 1395	Improvements to pedestrian crossing facilities	Thanet	50	71	High	19
5	Victoria Traffic Lights (phase 2)	Modification to existing traffic signals to optimise traffic flow	Thanet	75	70	High	23
6	Harbour Parade, Ramsgate - CRM 1396	Extension of guard railing and kerb alignment	Thanet	10	68	High	30
7	Dane Valley Cycle Routes (phase 4)	Network of cycle route links between Dane Valley and town centre	Thanet	100	58	High	36
8	A254 QEOM to Westwood cycle route link	Cycle route connecting QEOM hospital to Westwood Cross and network	Thanet	125	65	High	44
9	Viking Coastal Trail	Improved cycle link between VCT and Margate train station	Thanet	28	64	High	45
10	A254 Margate Road (westwood/Northwood)	Provision of improved pedestrian facilities	Thanet	72	63	High	57
11	Bus Stop Infrastructure Improvement Programme	Bus stop infrastructure improvements	Thanet	100	60	High	67
12	A254 inter-urban corridor imp	Improvements to A254 inter-urban corridor improvements	Thanet	80	59	High	76
			District Programme Total (£K)		1015		

No.	Scheme Title	Scheme Description	District	Cost(£K)	Score	Priority	Rank (126)
1	A20 Bus Priority (phase 1)	Installation of a bus lane and general capacity improvement	T&M	193	64	High	53
2	SRTS/Community Access Route	Improved footway linking SRTS/Community Access Route	T&M	25	59	High	73
3	Ped link East Malling to West Malling	Installation of footways to improve access to W Malling Station	T&M	40	58	High	82
4	Community Access Route	Improvement to access route	T&M	10	56	Medium	90
5	SRTS/Community Access Route	Improvement to access route	T&M	18	56	Medium	94
6	Medway Valley Initiative	Improved access measures for public transport, walking and cycling	T&M	10	55	Medium	113

7	Tonbridge Station Interchange	Improved interchange facility at station	T&M	40	55	Medium	121
				District Programme Total (£K)			
				336			

No.	Scheme Title	Scheme Description	District	Cost (£K)	Score	Priority	Rank (126)
1	SRTS High Friction Surfacing	Improvements to bus infrastructure to support operator investment	Tunbridge Wells	125	76	High	16
2	SRTS Footway Link	New footway link to improve access to school	Tunbridge Wells	20	63	High	55
3	Badsell Road Footway	Provision of footway connecting Five Oak Green to Paddock Wood	Tunbridge Wells	50	60	High	66
4	A26 St John's Road Cycle Lanes	Upgrade to existing cycleway	Tunbridge Wells	10	59	High	69
5	Community Access Route	Improvements to community access route	Tunbridge Wells	10	59	High	70
6	QBP (phase 2)	New bus infrastructure in town centre to Longfield Road bus route	Tunbridge Wells	100	59	High	77
7	Ped Facilities Audit (phase 3)	Improvements to pedestrian facilities around the town centre	Tunbridge Wells	40	58	High	83
8	SRTS - WC257 - Fritenden	Provide improved links to footpath linking to local school	Tunbridge Wells	5	56	Medium	89
9	Paddock Wood Cycle Links	Provide cycle links to schools/sports centre and local facilities	Tunbridge Wells	80	56	Medium	102
10	Royal Tunbridge Wells & Southborough HGV Signage	Improved signage for HGV restrictions	Tunbridge Wells	50	55	Medium	118
11	SRTS - High Friction Surfacing	Junction improvement to enhance road user safety	Tunbridge Wells	20	54	Medium	122
12	SRTS - WC368 - Couston Road, Cranbrook	Improvements to footpath linking to school	Tunbridge Wells	20	54	Medium	123
				District Programme Total (£K)			
				530			

No.	Scheme Title	Scheme Description	District	Cost (£K)	Score	Priority	Rank (126)
1	Traffic Management Centre Development	Development of UTMC technologies and information across Kent	Countywide	250	85	High	4
2	Public Transport Information	Improvements to the provision of bus roadside information	Countywide	250	78	High	13
3	Countywide Bus Stop Programme	Improvements to bus stop access and bus stop infrastructure	Countywide	50	69	High	26
4	Interactive Signs Countywide	Implementation of Interactive Speed Sign programme	Countywide	35	56	Medium	98
5	Install DDA Friendly Dropped Kerbs	Provision of works to improve footway access	Countywide	50	56	Medium	99
6	Package of non programmed quick win CRMs	Implementation of responsive CRM programme, unplanned	Countywide	50	56	Medium	100
				Programme Total (£K)			
				685			

Countywide Programme Total (£K) 9106