

SEVENOAKS JOINT TRANSPORTATION BOARD – 18TH SEPTEMBER 2007

HIGHWAY IMPROVEMENT SCHEME PROGRESS REPORT

Report of the: West Kent Divisional Manager

Status: For Consideration

Executive Summary: This report describes the progress to date and anticipated progress over the next three months of all programmed highway improvements.

This report supports the Key Aim of Reducing speed, encouraging safer driving and tackling known speeding crash hotspots. Also improving pedestrian safety, including measures to improve access for people with disabilities as indicated in the Sevenoaks Community Plan.

Portfolio Holder Councillor J F J London

Head of Service KHS Divisional Manager – Mr Norman Bateman

Recommendation: **It be RESOLVED that:**

- 1) That Members note the progress of programmed highway improvements.
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Background

1. A report on the progress of programmed highway improvements is made to each meeting of this Board.

Discussion

2. Progress on the planned **carriageway surfacing** programme has been faultless. The size of the programme has been significantly larger than previous years yet despite having fewer staff, the full programme has been delivered by the first week of September (see Appendix A to this report). In response to a long-standing request from Westerham Parish Council, the opportunity was taken to resurface a large parking lay-by in the centre of Westerham at the same time as resurfacing Brasted High Street in July. The £18,000 budget for these works came from savings in the carriageway surfacing programme in the Borough of Dartford.
3. As with the road resurfacing, the size of this year's **pavement resurfacing** programme is significantly larger than previous years. Logistically, this has made it impossible to wait for the full programme to be ascertained before starting work and instead, work has started on pavements that have been assessed as amongst the worst in the District. As each scheme is finished,

works crews will be assigned to the next-worst pavement on the list, the current version of which is reproduced as Appendix B to this report. Pavements will continue to be assessed in the coming months and any that score a priority level of 12 or above will be added to the programme at the expense of the scheme currently at the bottom of the list. The programme is cash-limited and works will continue until the budget is expended. This may mean that not all the pavements listed in Appendix B will be resurfaced.

4. Progress on the planned **street lighting maintenance and improvements** programme is listed as Appendix C to this report. Due to the global shortage of galvanised steel, progress has been somewhat slower than was originally envisaged.
5. The progress of all **highway improvement schemes** is detailed in Appendix D. Items of note are as follows
 - 5.1 Due to a staffing hiatus in the Public Rights of Way section of Kent County Council, design and consultation of upgrading works on the **SD243 bridleway from Hodsoll Street - to - Ridley bridleway** (through Jub's Hill Wood) has yet to commence. Officers are confident that the staffing resource problem will be overcome and remain confident that works can be carried out this financial year.
 - 5.2 As was reported to the last meeting of this Board, the following projects have been deferred to a future year's programme and, unless additional funds become available, will not be reported back to this Board as part of this report this financial year.

Birchwood Road, Swanley - New Footway	Footway extension from Orchard House development to Leydenhatch Lane.
London Road, Swanley - Pedestrian Crossing	New controlled pedestrian crossing near St Mary's Road
London Road, Swanley - Pedestrian Islands	Provision of refuge islands for improved pedestrian safety and better right turn facilities.
High Street, Swanley - Bus Stop Improvement	Pavement realignment to enable buses to pull-up to the kerb in the existing lay-by (external funding for this has been offered in principle)
Sycamore Dr, Swanley - Pedestrian Crossing	Provision of a controlled pedestrian crossing.

6. Planned **drainage improvements** are listed in Appendix E. A countywide risk analysis carried out in the spring has highlighted an urgent need to rectify drainage defects on high speed roads across Kent. All relevant staff resources have therefore been tasked to this area of work and this has meant that work on designing measures to resolve flooding at lower-risk locations has ceased for the time being. Because there is no significant flooding reported on high-speed roads in Sevenoaks, no progress is expected to be made with further design work on schemes in this District during 2007. A report on drainage policy can be found elsewhere on this Agenda.

Key Implications

Financial; Resource (non-financial); Legal etc.; Value For Money

None for Sevenoaks District Council as a result of this report.

The implications of these for Kent County Council are integral to the Highway Maintenance Budget Model.

Sources of Information: Kent Highway Asset Maintenance Plan, January 2004

Contact Officer: Andrew Burton, Programme Delivery Manager,
Kent Highway Services 08458 247 800

Director: **Norman Bateman, Divisional Manager,
Kent Highway Services 08458 247 800**

RISK ASSESSMENT STATEMENT

The Highway Maintenance Budget Model is, essentially, a risk assessment statement.

5. Appendices

A: Progress report for road surfacing

B: Progress report for pavement surfacing

C: Progress report for street light improvements

D: Progress report for Highway Improvement Schemes

E: Progress report for drainage improvements

ROAD RESURFACING PROGRAMME 2007-08

Parish / Town	Road Name	Location	Type of work	Proposed Build Date	Comment
Brasted	Coles Lane	Station Road to Rectory Lane	Microasphalt	COMPLETED	
Brasted	High Street (part)	Rectory Lane to Chart Lane	Strengthening	COMPLETED	
Chevening	Bullfinch Close (part)	Chipstead Lane to Bullfinch Dene	Microasphalt	COMPLETED	
Chevening	Bullfinch Dene	Bullfinch Close to end	Thin Surfacing	COMPLETED	
Chiddingstone	Bowzells Lane	Penshurst Road to Bayleys Hill	Surface Dressing	COMPLETED	
Cowden	Cowden Road (part)	east of Church Street to Hartfield Road	Surface Dressing	COMPLETED	
Cowden	Priors Way	North Street to end	Thin Surfacing	COMPLETED	
Crockenhill	Barnfield Close	Church Road to end	Thin Surfacing	COMPLETED	
Crockenhill	Daltons Road (part)	Speed limit change to Tylers Green Road	Microasphalt	COMPLETED	
Crockenhill	Daltons Road (part)	Skeet Hill Lane to speed limit change	Surface Dressing	COMPLETED	
Crockenhill	Old Chapel Road	Tylers Green Road to Cray Road	Microasphalt	COMPLETED	
Edenbridge	Marsh Green Road	Hatfield Road to Sussex Boundary	Thin Surfacing	COMPLETED	
Eynsford	Station Road		Thin Surfacing	COMPLETED	
Hartley	Church Road (part)	Between speed limit signs @ "Gwenjona" and "The Oakdene"	Surface Dressing	COMPLETED	
Hextable	Main Road (part)	Victoria Hall Road to College Road	Strengthening	COMPLETED	
Horton Kirby	Rashleigh Way	School Lane to end	Thin Surfacing	COMPLETED	
Leigh	Lower Green	Hildenborough Road to railway bridge	Strengthening	2 nd and 3 rd September	
Leigh	Ensfield Road	Under the railway Bridge	Strengthening	2 nd and 3 rd September	
Riverhead	London Road (part)	Riverhead southern roundabout	Strengthening	COMPLETED	
Riverhead	The Square / London Road	Maidstone Road to Homefield Road	Strengthening	COMPLETED	

ROAD RESURFACING PROGRAMME 2007-08

Parish / Town	Road Name	Location	Type of work	Proposed Build Date	Comment
Seal	Bitchet Green Road (part)	Stone Street Road to Blakes Green Road	Surface Dressing	COMPLETED	
Seal	Blackhall Lane (part)	Park Lane to speed limit change	Microasphalt	COMPLETED	
Seal	Blakes Green Road	Bitchet Green Road to Stone Street Road	Surface Dressing	COMPLETED	
Seal	Childsbridge Lane (part)	Church Road to Childsbridge Way	Thin Surfacing	COMPLETED	
Seal	Landway	Childsbridge Lane to end	Microasphalt	COMPLETED	
Seal	Pond Lane	Bitchet Green Road to Stone Street Road	Surface Dressing	COMPLETED	
Seal	Ragge Way	Landway to end	Microasphalt	COMPLETED	
Seal	School Lane	High Street to Childsbridge Lane	Thin Surfacing	COMPLETED	
Seal	Wilmar Way	Landway to end	Microasphalt	COMPLETED	
Sevenoaks	Filmer Lane (part)	Seal Road to south of Pinehurst	Thin Surfacing	COMPLETED	
Sevenoaks	High Street / Dartford Road	Pembroke Road to The Drive	Strengthening	COMPLETED	
Sevenoaks	Mount Harry Road	Dartford Road to Hitchen Hatch Lane	Microasphalt	COMPLETED	
Sevenoaks	Pembroke Road	High Street to London Road	Thin Surfacing	COMPLETED	
Sevenoaks	Seal Hollow Road (part)	Seal Road south for 72m	Strengthening	COMPLETED	
Sevenoaks	Seal Road (part)	Seal Hollow Road to Pinewood Avenue	Strengthening	COMPLETED	
Shoreham	Castle Farm Road	High Street to Redmans Lane	Surface Dressing	COMPLETED	
Shoreham	Shacklands Road	Badgers Mount Roundabout to High Street	Surface Dressing	COMPLETED	
Shoreham (Well Hill)	Firmingers Road	Rock Hill to Well Hill	Surface Dressing	COMPLETED	
Shoreham (Well Hill)	Rock Hill / Hawstead Lane (part)	Firmingers Road to boundary with Bromley Borough	Thin Surfacing	COMPLETED	
Sundridge	Main Road	Dunbrik Depot to A21	Thin Surfacing	COMPLETED	
West Kingsdown	London Road (part)	Hazelden Close to The Grange	Strengthening	COMPLETED	
Westerham	High Street (part) / Westerham Road (part)	Black Eagle Close to speed limit change	Strengthening	COMPLETED	

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APPENDIX B

DRAFT PAVEMENT RESURFACING PROGRAMME

Name	Parish / Town	Location	Length (m)	Priority (100=high 0=low)	Target Cost	Comments
Copperfields	Kemsing		1100	100	£15,000	
Childsbridge Lane	Seal	Adj Bentleys Bungalows	200	100	£15,498	COMPLETE
Oak Lane	Sevenoaks		300	100		COMPLETE
St Johns Hill	Sevenoaks	No's 89-97 & 123-127	1840	100	£7,500	
St David's Road	Swanley		856	100	£5,242	COMPLETE
St Marys Road	Swanley		1438	100	£6,790	COMPLETE
Church Road	Brasted	A25 to Stanford Arms PH	400	99.5		
Springshaw Close	Chevening	All	287	99.5	£49,879	Under Construction
High Street	Edenbridge	Majority will be resurfaced as part of traffic management scheme	756	99.5		Under Construction
Mill Hill	Edenbridge	Victoria Road to Hospital	250	99.5	£25,000	
High Street	Sevenoaks	Six Bells Ln to Rockdale Road	220	99.5	£33,000	Lift and relay slabs
London Road	Sevenoaks	Rockdale Rd to South Park	280	99.5	£33,000	Lift and relay slabs
High Street	Sevenoaks	Mackays (Mco) to Greggs Restaurant	300	99.5	£34,000	Lift and relay slabs
Rockdale Road	Sevenoaks	All	127	99.5		
Riverhill and B245	Sevenoaks	Riverhill Hse south and next to bus stop	200	99.5	£30,707	
Hillside Road	Sevenoaks	All	340	99.5	£5,000	
Knole Road	Sevenoaks	All	480	99.5	£5,000	
Serpentine Road	Sevenoaks	All	1140	99.5	£5,000	
Lime Road	Swanley	All	486	99.5	£18,000	
Hart Dyke Road	Swanley	Selected Areas	1968	99.5	£18,000	
Church Lane	Kemsing	All	410	99.4	£5,000	
Ashley Close	Sevenoaks	All	140	99.4	£5,000	
Ashley Road	Sevenoaks		330	99.4	£5,000	
St Botolphs Road	Sevenoaks		1344	99.4		
High Street	Brasted	adjacent Recreation ground	120	99		
Fircroft Way	Edenbridge	Both sides	1282	99		
Buckhurst Lane	Sevenoaks	Buckhurst Ave to first bend	140	99		
Plymouth Drive Estate	Sevenoaks	Lady Boswell School to Seal Hollow Road, south side	628	99		
Quakers Hall Rd	Sevenoaks	Bayham Road to A225	780	99		
Powdermill Lane	Leigh		1160	17		
High Street	Chidding-stone	cobbled area near school / public house	100	16		Lift and reset cobbles / spalls
Main Road	Edenbridge	Hole Lane - Redlands Farm	1300	16		
Madison Way	Sevenoaks	All	160	16		Reconstruct
The Crescent	Sevenoaks	All	200	15		
Mill Hill	Edenbridge	west side - Hosp to Marsh Grn Rd	580	14		
White Hart Close	Sevenoaks	All	130	13		Thin Surfacing
Penshurst Road	Leigh	Penshurst Rd to Ensfield Lane	789	12		Thin Surface
Chartway	Sevenoaks	All	320	12		Thin Surfacing
Golding Road	Sevenoaks	All	340	12		Thin Surfacing
Bradbourne Vale Rd	Sevenoaks	near allotments	200	12		
Sermon Drive	Swanley	All	574	12		

APPENDIX C

DRAFT PROGRAMME OF STREETLIGHTING IMPROVEMENTS AND BRIDGE REPAIRS SEVENOAKS DISTRICT 2007-08

Swanley structural Column Schemes			date
Replacement of structurally poor concrete, fibreglass and steel column			
Woodlands Close	4cols, 4 lants		TBA
Woodlands Rise	4cols, 4 lants		TBA
Haven Close	8 cols, 8 lants		TBA
Greenside	2 cols, 2 lants		TBA
Dale Rd	7 cols, 7 lants		TBA
Pemberton Gardens	1 col, 1 lant		TBA
Maylons Rd	3 cols, 3 lants		TBA
Mansfield Rd	4 cols, 4 lants		TBA
Mabel Road	1 col, 1lant		TBA
Herbert Rd	4 cols, 4 lants		TBA
Lullingstone Ave	6 cols, 6 lants		TBA
New Road	3 cols,3 lants		TBA
Wisteria Gardens	14 cols, 14lants		TBA
Swanley Vill Rd	3 cols, 3 lants		TBA
Wood Street	1 col, 1 lant		TBA

BRIDGE REPAIRS

Bradbourne Vale Road, Sevenoaks (the bridge over the railway)	Arch Repairs	July 07 until Oct/07	John Johnson 01622 666 160
Fordcombe Road, Penshurst	Bridge piling and Brickwork	July 07 until Oct/07	John Johnson 01622 666 160

APPENDIX D. (page 1 of 3) Sevenoaks Integrated Transport Plan 2007/08

KHS Ref	Scheme Name	Description of Works	Current Progress	Anticipated Actions for next 3 months (Prior to next JTB)	Estimated Cost in 2007/08	Kent Highway Services Contact 08458 247800
SEV 1 06/07	High Street, Edenbridge – traffic management	Traffic management scheme with enhanced pedestrian accessibility. Proposals include traffic calming, controlled on-street parking, repaving and environmental improvements.	Three public exhibitions have been held. The latest (4 th – 11 th August), showed the completed design. Works commenced on 28 th August, for an estimated 15 weeks.	Traffic calming works to be completed. Footway works due for completion in December.	£137k, funded by SEEDA, developer's Section 106 contribution. KHS & Town Council to top up funding	Julian Cook
SEV 2 06/07	Hartfield Road Cowden – road safety improvements	Visibility improvements by removing existing hedge and planting of a replacement in Blowers Hill at the junction with Hartfield Road	Final phase of a larger scheme. Agreement from land-owner obtained and works programmed	Hedge scheduled to be planted in November 2007	£19k	Daniel Cumberland
SEV 3 06/07	Otford Lane, Halstead - Footway extension	Approximately 30metres of new footway adjacent to Halstead Primary School	This scheme has rolled over from the 2006-07 programme KHS currently awaiting written response from school.	Agreement to be sought with School regarding the details of the replacement fence / hedge.	£5k	Daniel Cumberland
SEV 4 07/08	London Road, Swanley – Cycle route	Extending the existing cycle route on London Road from Walnut Way to town centre with links to Swanley station, and the schools in St Mary's Rd.	Consultation letters sent to frontages in August, and the responses received will be reported to JTB.	Detailed design to be progressed. It is planned to implement works in conjunction with scheme ref SEV 5	£65k	Geoff Dance
SEV 5 07/08	London Road, Swanley - speed limit reduction	Reduce speed limit from 40mph to 30mph	None	Proposed TRO to be advertised. It is planned to implement works in conjunction with scheme ref SEV 4	£10k	Geoff Dance

APPENDIX D. Sevenoaks Integrated Transport Plan 2007/08 (page 5 of 5)

KHS Ref	Scheme Name	Description of Works	Current Progress	Anticipated Actions for next 3 months (Prior to next JTB)	Estimated Cost in 2007/08	Kent Highway Services Contact 08458 247800
SEV 6 07/08	Hildenborough Road, Leigh – New footway	New footway between Home Farm and the village.	Outline design and topographical survey completed.	Detailed design to be completed.	£63k	Geoff Dance
SEV 7 07/08	Childsbridge Lane, Seal – Speed management	Speed management measures including new formal pedestrian crossing to assist pedestrians accessing the school in Zambra Way.	Outline design being progressed.	Outline design to be completed, and initial public consultation to be carried out.	£35k	Bryan Fitzgerald
SEV 8 07/08	Main Road, Crockham Hill Speed management	Speed management measures including measures to assist pedestrians crossing the road in the village centre	Outline design completed, detailed design is being progressed.	Detailed design to be completed, and works programmed.	£62k	Julian Cook
SEV 9.0 07/08	Various sites, Districtwide - Safer Routes to school	Schemes to support school travel plans, with respect to public transport, walking and cycling.	Evaluation of possible schemes following discussions with schools and Parish Councils		£24k un-committed	Bryan Fitzgerald
SEV 9.1 07/08	“ “	Part of above project: Swan Lane, Edenbridge – bus stop for school bus	Outline design completed, land owner's agreement has been confirmed. Detailed design being progressed.	Works to be programmed and possible completion by December 2007.	£6k	Simon Allsopp
SEV 10 07/08	Seal Hollow Rd Sevenoaks - Speed management	Proposed footway improvements and traffic calming. Includes the proposed partial closure of one leg of the junction with Hillingdon Avenue	This proposal has been held-over to a future year's programme.	None	£10k	N/A
SEV 11 07/08	Main Road, Sundridge - Junction Safety	New high friction surfacing on approach to Dryhill Lane / Dunbrik crossroads; possible extension of central reservation on Main Road and/or visibility improvements from Dryhill Lane	High friction surfacing on westbound carriageway completed. Further investigations being undertaken into crash history and possible improvements to the visibility splay.	Detailed design to be progressed and works programmed.	£35k	Julian Cook

APPENDIX D (page 3 of 5) Sevenoaks Integrated Transport Plan 2007/08

KHS Ref	Scheme Name	Description of Works	Current Progress	Anticipated Actions for next 3 months (Prior to next JTB)	Estimated Cost in 2007/08	Kent Highway Services Contact 08458 247800
SEV 12 07/08	Ash Road, Hartley - Interactive Speed Sign	Traffic sign that only becomes visible when an approaching driver's speed is too high	Installation underway	Installation to be completed	Nil to KCC Nil to SDC	Bryan Fitzgerald
SEV 13 07/08	Chevening Rd, Chipstead - Interactive Speed Sign	Traffic sign that only becomes visible when an approaching driver's speed is too high	Detailed design underway		Nil to KCC Nil to SDC	Bryan Fitzgerald
SEV 14 07/08	SD243 Hodsoll Street Bridleway Improvement	This existing bridleway links Hodsoll Street with Ridley. An all-weather surface to provide off-road provision for cyclists is proposed	None	Scheme concept to be confirmed.	£12k	Geoff Dance
SEV 15.0 07/08	Various sites, Sevenoaks – Congestion relief	Assessment of congestion hotspots including review of traffic signal settings and implementation of system improvements.	None	Sites for assessment to be confirmed.	£20k un-committed	Bryan Fitzgerald
SEV 16.0 07/08	Various sites, Sevenoaks - key pedestrian routes	Improvements includes footpath strengthening, safety barriers and tactile paving at junctions; general improvement of footpath environment.	Initial investigations undertaken.	Sites to be confirmed.	£22.1k un-committed	Bryan Fitzgerald
SEV 17 07/08	Ensfield Road, Leigh – Footway	In December 2006 this scheme was deferred from the 2006-07 programme. Footway under railway bridge to link the village with the westbound platform at Leigh Station	Detailed design complete and works scheduled for 1 st week of September 2007	Works to be completed September 2007	£8K	Daniel Cumberland
SEV 18 07/08	Station Road, Shoreham - Footway Link	New footway between the village and Shoreham railway station	Survey completed, KHS to discuss proposals with adjacent landowners.	Consultation with Parish Council and adjacent landowners to be undertaken.	£3K (Design Only)	Geoff Dance

APPENDIX E. Programme of Drainage Improvements in Sevenoaks 2007/08 (page 1 of 1)

Parish / Town	Road Name	Location	Brief Description of Proposed Works	07-08 Budget	Expected Build Date	Current Progress	Anticipated progress in next three months	KHS Contact 08458 247 800
Brasted	Rectory Lane	Both banks of the River Darent	Widespread flooding due to back flow when river surcharges. Install non-return valves	£20,000	Oct 07	Works on site	Works to be completed January 2008	Andrew Burton
Eden-bridge	Four Elms Road	Little Broxham Culvert	Insufficient capacity causes stream to overtop road and flood house. KHS to reprofile earth banks to increase capacity of existing culvert.	£9,000	Summer 07	Detailed design complete;	Secure environmental impact statement. Works to be programmed	Andrew Burton
Kemsing	Pilgrims Way	Side Hill:	Undocumented soakaway on private land. KHS propose to build new soakaway on adjacent, publicly-owned land	£13,500	Summer 07	Original proposal abandoned Nov. 2006 due to adjacent land-owner refusing an easement for new drainage pipe. Scheme redesigned to avoid all private land. Awaiting agreement from Kemsing PC on use of their land	Obtain Parish Council consent	Brian Weeks
Hartley	Springcroft	Cul-de-sac	Phase 3: New soakaway or possibly laying overflow pipe o rear of houses	TBA	TBA	Works to reduce the amount of surface water running into the road were installed in August 2007	Secure funding for works	Andrew Burton
Crocken-hill	Eynsford Road	Vicinity of Seven-acres	Existing drain is too small & too few gullies in Eynsford Road. Overland flow runs across path in front of No.1 Eynsford Rd & along the footpath to Sevenacres, flooding a house. KHS either to intercept flow in Church Road or else install additional soakaway on footpath to Sevenacres	TBA	TBA	outline design complete.	Secure funding for works	Andrew Burton