

## SEVENOAKS JOINT TRANSPORTATION BOARD – 16 MARCH 2010

### HIGHWAY IMPROVEMENT SCHEME PROGRESS REPORT

Report of the: Interim Director of Kent Highway Services

Status: For Consideration

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**Executive Summary:** This report describes the progress to date and anticipated progress over the next three months of all 2009/10 programmed highway improvements and those schemes that are expected to be included in Kent County Council's 2010-11 Capital Programme

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**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 Peter Coates

**Head of Service** KHS – Head of Countywide Improvements – Behdad Haratbar

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#### **Recommendations:**

- 1) That Members NOTE the progress of programmed highway improvements listed in Appendices A and D
  - 2) That Members NOTE that the schemes listed in Appendix B that are likely to form Kent County Council's highway schemes programme in 2010-11
  - 3) That Members ENDORSE the proposed modifications to the junction of Croydon Road and High Street, Westerham, as illustrated in Appendix C
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#### **Background and Discussion**

- 1 The progress of all the proposed highway improvement schemes for 2009/10 in the Sevenoaks district is detailed in Appendix A. The progress of schemes not completed in previous years is also listed.
- 2 The planned reduction of the speed limit in London Road, Swanley from 40mph to 30mph east of A20 on-slip has failed to gain the support of Kent Police. They are concerned that the lower speed limit is not justified by the drivers' environment or by the guidance set in the Department for Transport's Circular 01/2006, "The Setting of Local Speed Limits" (the subject of an Officer's presentation at the last meeting of this Board). Because Kent Police is the enforcement authority for speed limits, it is KCC's policy not to proceed with a change in speed limit if the Police oppose it. Whilst this opposition is disappointing, the police have confirmed that the B2173 London Road will be

**Item No. 14**

reviewed in 2011 as part of the joint Kent Police / KCC Speed Limit Review described at the last meeting of this Board.

- 3 Appendix B identifies those highway improvement schemes that have provisionally qualified for funding in 2010-11 as part of the Local Transport Plan 2006-11. The availability of this funding was decided at the full meeting of the Kent County Council on 18 February 2010 but the conclusive list of which schemes will be included in the 2010-11 works programme cannot be decided until the end of this financial year. This is because the first call on the budget allocated in 2010-11 must be to complete previous years' schemes. A verbal update on the likely outcome of this "top-slicing" will be reported at the meeting of this Board. In the coming months, this Appendix will also be the forum for reporting highway improvements that each County Member has decided to fund out of the £25,000 placed under their control as part of the Members' Highway Fund initiative.
- 4 Appendix C to this report illustrates officers' proposals for **improving road safety at the junction of B2024 Croydon Road with the A25 High Street in Westerham**. Public consultation commenced on 24 February and any preliminary responses will be reported verbally at the meeting of the Board. Members are asked to endorse the measures illustrated. Subject to this endorsement, works are scheduled to start on 17 May and, subject to approval of proposed restricted working hours, take three weeks to complete.
- 5 Appendix D lists the carriageways that Kent County Council intends to resurface during 2010-11. With thirty-eight roads scheduled to be resurfaced, Sevenoaks will receive one of the largest programmes of work in Kent's twelve districts. These roads have been identified following a technical survey carried out during 2008 and 2009 of the residual life of every road in the District. It must be stressed that the roads identified for resurfacing are not necessarily all of those that are in the worst condition or with the least residual life. Twenty-one roads will be resurfaced using thin overlays of surface-dressing and microsurfacing (identified in the right-hand column of Appendix D) as a form of preventative maintenance. By investing in this type of work now, the integrity of the roads that are currently in seemingly good condition is maintained (thereby improving the quality of the roads' surface) and the whole-life cost of maintaining the highway network is significantly reduced. Where the road is in generally sound condition but is either cracked or lacking some grip, surface dressing will be laid. If the road is also slightly misshapen (perhaps due to utility companies' or pothole repairs), the road will usually be overlaid with microsurfacing. Microsurfacing is the generic name given to a high-quality bitumen emulsion that is usually mechanically cold-laid in two layers to thickness of up to 15mm. The proprietary microsurfacing product used in Kent is called Gripfibre. Where the road is more significantly deformed (perhaps due to rutting or edge deterioration), the road will be overlaid with a hot-laid bituminous mixture that is machine-laid with a conventional paver that is rolled to form a textured overlay that is usually between 18mm and 25mm in thickness. The roads that will receive this treatment are identified as "thin surfacing" in the right-hand column of Appendix D. Finally, the existing carriageway in Riverside in Eynsford between the A225 and the far side of the ford will be removed and replaced with high quality asphalt. This premium

**Item No. 14**

resurfacing process is necessary both to protect the bridge over the River Darent and to cope with the water-edge environment

**Key Implications**

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

6 None for Sevenoaks District Council or Kent County Council as a result of this report.

**Risk Assessment Statement**

7 None.

**Appendices**

- A Progress on Highway Improvement schemes
- B Highway Improvement Programme: Probable Programme for Sevenoaks District in 2010-11
- C Proposed Modifications to the junction of Croydon Road and High Street, Westerham
- D Carriageways Scheduled to be Resurfaced in 2010-11

**Sources of Information:** None

**Contact Officer:** Andrew Burton, Highway Schemes Manager, Kent Highway Services 08458 247 800

**Interim Director:** **Caroline Bruce – Kent Highway Services**  
**08458 247 800**

Highway Improvement Programme: Sevenoaks District 2009-10

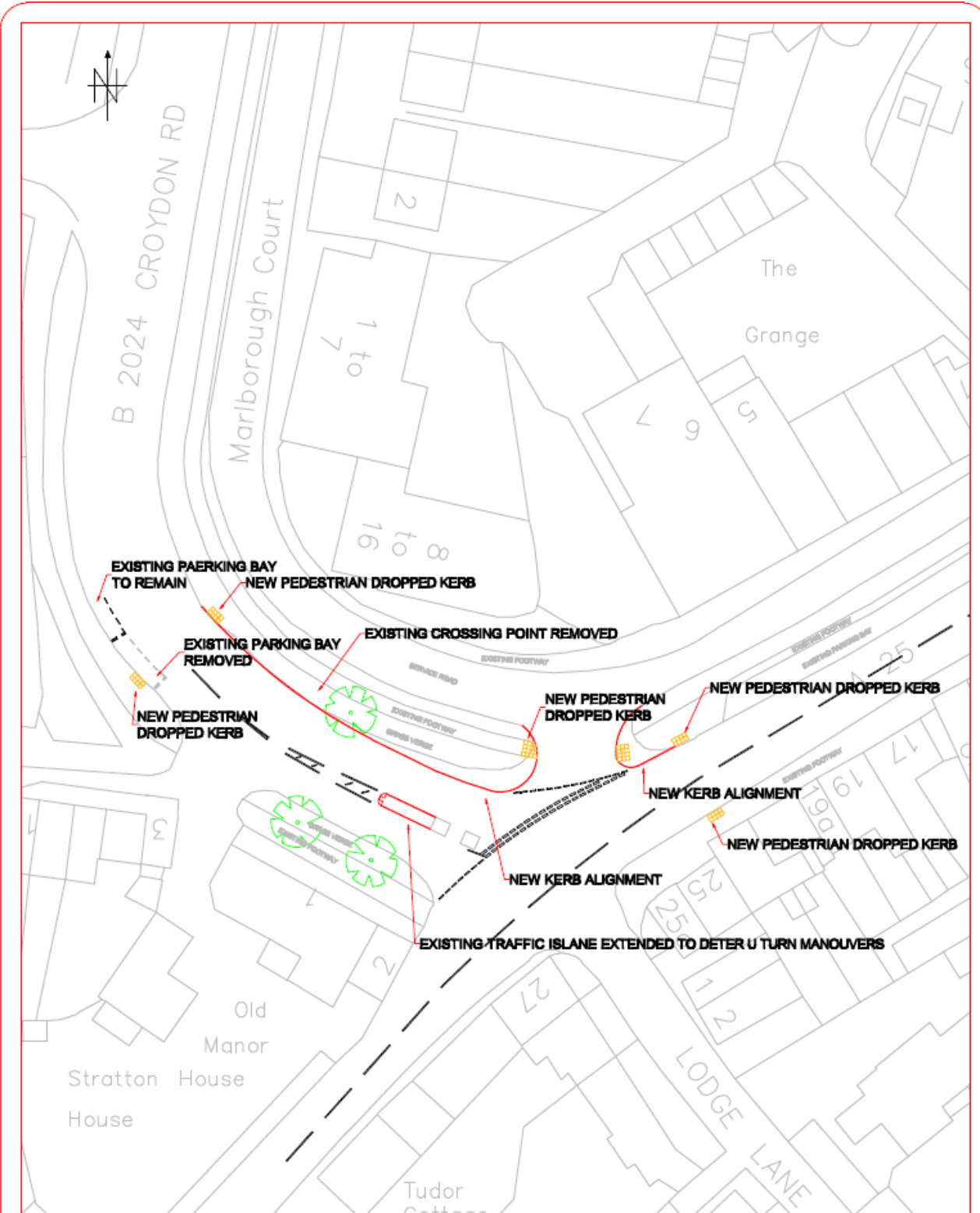
KHS Ref	Location	Description of Works	Current Progress	Anticipated Actions for next 3 months (Prior to next JTB)	Original Allocation 2009 - 10	Out-turn	Kent Highway Services Contact 08458 247800
07-ITS-SE-08	Hartfield Road <b>Cowden</b>	2007 scheme - Phase 2 of visibility improvements at the junction of Blowers Hill and Hartfield Road	<b>Scheme complete.</b> Unable to reach a voluntary agreement with the land-owner to modify his field boundary, KCC has decided to trial a voluntary maintenance agreement whereby he will annually cut-back the boundary hedge	<b>None – this project will no longer be reported to this Board</b>	£2k	£2k	Alan Ash

08-ITS-SE-01	Bat & Ball junction, <b>Sevenoaks</b>	2008 scheme - realign junction, creating three-lanes on approach from Bradbourne Vale Road	Wintry weather delayed works until 5 February. After some teething problems, the junction is now operating satisfactorily	Although the junction alignment is not ideally suited to the new road markings, drivers travelling from Bradbourne Vale Rd to north Otford Road appear to now suffer less delay. This will be quantified during the summer to assess the impact on the air quality	£20k	£15k SDC funds	Simon Allsopp
09-ITS-SE-01	London Road, <b>Swanley</b>	Speed Limit & Cycle Route Extension at Birchwood	See text of report		£50K	£1K	Andrew Burton

## Highway Improvement Programme: Probable Programme for Sevenoaks District in 2010-11

KHS Ref	Location	Description of Works	Current Progress	Anticipated Actions for next 3 months (Prior to next JTB)	Expected Allocation 2010 - 11	Out-turn	Kent Highway Services Contact 08458 247800
10-ITS-SE-01	Croydon Road/ High St junction <b>Westerham</b>	Crash remedial measure: minor junction realignment	Outline design complete (see Appendix C) and consultation commenced	Funding is expected to be confirmed March 2010 and construction is due to start on 17 May	£21k	£21K	Darren Hickman
10-ITS-SE-02	High Street, <b>Eynsford</b>	Facilities to help pedestrians cross the road outside the primary school	Scheme justification complete	If funding is confirmed (decision due in March), consultation on options (eg a zebra crossing) will commence	£30k	tba	Simon Allsopp
09-ITS-SE-01	London Road, <b>Swanley</b>	Extend cycle path to London boundary and modify Birchwood Rd junction to reduce traffic queues	The order for the scheme's design was placed in January 2010	Funding is expected to be confirmed March 2010. Consult on detailed design	£40K	£40K	Andrew Burton

CSM10 003627	Fawkham Valley Rd, <b>Fawkham</b>	Flashing amber school warning lights on approaches to primary school	Funding from Local Member's Highway Fund confirmed. Contract awarded Feb 2010	Works are scheduled for Easter 2010	£8K	£8K	Andrew Burton
tba	Otford Rd and Bat & Ball <b>Sevenoaks</b>	"Section 106" off-site highway improvements consequent upon Tarmac's planning permission	S106 between Sevenoaks and Tarmac has been signed with a works deadline of Feb 2013	During 2010, KCC officers will be working with Tarmac's consultants to develop outline scheme	tba	tba	Alan Ash



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**CROYDON ROAD JUNCTION  
MARKET SQUARE WESTERHAM**

**PROPOSED NEW ROAD LAYOUT**

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## Carriageways Scheduled to be Resurfaced in 2010-11 (page 1 of 2)

ROAD No.	ROAD NAME	PARISH	LENGTH	SECTION	TREATMENT TYPE
	Chested Lane	Chiddingstone	1390	Vexour Bridge to B2027 Peshurst Rd	Microsurfacing
	Church Road	Sundridge	276	A25 Main Road to "La Reine"	Thin Surfacing
	Church Street	Seal	1418	Honeypot La to Church Road	Surface Dressing
	Coldharbour Road	Penshurst	1525	Nunnery Lane to White Post	Microsurfacing
	Crockenhill Lane	Eynsford	1980	Wested Lane to Sparepenny Lane	Surface Dressing
B2024	Croydon Road	Westerham	397	From A25 to Westways	Thin Surfacing
	Darns Hill	Crockenhill	220	Tylers Green Road to End	Microsurfacing
	Deanery Road	Westerham	179	B2026 Main Road to End	Microsurfacing
	Eynsford Road	Crockenhill	1381	Crockenhill Lane to Village Gateway	Surface Dressing
	Fawke Wood Road	Seal	741	Carters Hill to St. Julians Rd	Surface Dressing
	Fens Way	Hextable	911	Whole Length incl Midfield Ave	Microsurfacing
B2027	Four Elms Road	Edenbridge	898	Swan Lane to Prettymans Lane	Thin Surfacing
	Hever Road	Edenbridge	965	From "The Old Manse" to double bends.	Thin surfacing
B2026	Hosey Hill	Westerham	876	From A25 to Town gateway.	Thin Surfacing
A20	London Road	West Kingsdown	180	Kingfield Rd to south of Clearway Ind Est (northbound)	Thin Surfacing
A20	London Road	West Kingsdown	267	Kingfield Rd to south of Clearway Ind Est (southbound)	Thin Surfacing
	Lower Road	Hextable	1603	B258 to Goss Hill	Microsurfacing
	Meadway	Horton Kerby/South Darent	182	Knockholt Road to End	Microsurfacing
	Midfield Avenue	Hextable		Included in measurement for Fens Way	Microsurfacing
	New Road	Horton Kerby/South Darent	452	Mill Cottages to East Hill	Thin Surfacing
	Oak Lane	Sevenoaks	1240	A225 to Britains Lane	Thin surfacing
	Otford Lane	Halstead	1860	Shoreham Lane to London Road	Surface Dressing
B269	Pootings Road	Westerham	1579	Mapleton Rd to south of Coakham Farm	Microsurfacing

## Carriageways Scheduled to be Resurfaced in 2010-11 (page 2 of 2)

ROAD No	ROAD NAME	PARISH	LENGTH	SECTION	TREATMENT TYPE
	Riverside	Eynsford	60	Station Road to west side of Eynsford Ford (hot rolled asphalt)	Strengthening
	Rushmore Hill	Knockholt	1341	Main Road to Coolings Nursery	Surface Dressing
B2019	Seal Hollow Road	Sevenoaks	347	Centred through the Hillingdon Ave jct	Thin Surfacing
A225	Shoreham Road	Shoreham	361	Through the chicane under the railway bridge by Preston Farm	Thin Surfacing
A225	Shoreham Road	Otford	682	Greenhill Road to Village Gateway	Thin Surfacing
	Sounds Lodge	Crockenhill	191	whole length	Microsurfacing
	Sparepenny Lane	Eynsford	1620	High Street to Crockenhill Lane	Surface Dressing
	St. Ediths Road / Noahs Ark	Kemsing	1130	High Street to Honey Pot Lane	Microsurfacing
B258	Swanley Lane	Swanley	320	South of Edgar Close to North of Downsview	Thin Surfacing
	The Meadows	Halstead	245	whole length	Microsurfacing
A225	Tonbridge Road	Sevenoaks	517	North of St. Julians Road to River Hill (including High Friction).	Thin Surfacing
	Wellers Town Road	Chiddingstone	1694	Wat Stock junction to Hampkins Hill Road	Thin Surfacing
	Wellers Town Road	Chiddingstone	807	Truggers Lane to Wat Stock junction	Microsurfacing
	Wested Lane	Crockenhill	850	Railway bridge to Crockenhill Lane	Microsurfacing
	Wheatsheaf Hill	Sundridge	893	From "Turnbolls" to north of "Gable Cottages" (includes high friction)	Thin Surfacing