



**ANNUAL HIGHWAY MAINTENANCE MANAGEMENT  
PLAN FOR THE ELMBRIDGE LOCAL  
TRANSPORTATION SERVICE FOR 2006-2007**

**SURREY COUNTY COUNCIL  
LOCAL COMMITTEE (ELMBRIDGE)**

**28 March 2006**

**KEY ISSUE**

To seek approval to the Annual Highway Maintenance Management Plan for the Local Transportation Service, Elmbridge for the year 1 April 2006 to 31 March 2007.

**SUMMARY**

This report sets out the 2006-2007 Highway Maintenance Management Plan for the Local Transportation Service in Elmbridge. It also describes how the Local Transportation Service will meet the highway maintenance targets and objectives of the Corporate Plan and Local Transport Plan. The report seeks Local Committee approval for the 2006-2007 Highway Maintenance Management Plan for the Local Transportation Service in Elmbridge, bearing in mind the likely funding constraints.

**OFFICER RECOMMENDATIONS**

The Local Committee is asked to approve this report as the Annual Highway Maintenance Management Plan for the Local Transportation Service in Elmbridge for 2006-2007.

**REPORTED BY:** PAUL FISHWICK, AREA TRANSPORTATION  
DIRECTOR –  
**LEAD / CONTACT OFFICER:** KEITH SCOTT  
**TELEPHONE NUMBER:** 020 8541 7093  
**BACKGROUND PAPERS:** None

## 1. INTRODUCTION

1.1 This is the Annual Highway Maintenance Management Plan for 2006-2007 for the Local Transportation Service in Elmbridge. This plan should be considered alongside the Surrey Highway Network Management Plan which defines standards to meet requirements for safety, serviceability and sustainability.

1.2 The local Annual Highway Maintenance Management Plan builds on the policies and priorities of the Corporate Plan, *Making Surrey A Better Place*, and the highway maintenance strategy within the Local Transport Plan (LTP). In addition it must ensure that the requirements of national Best Value Performance Indicators (BVPIs) are satisfied. The plan applies to all publicly maintained highways within the Elmbridge area but not to the Rights of Way network, nor to the Trunk Road network consisting of A3 and M25, and does not include Traffic Systems and Highway Structures such as bridges, which are delivered centrally. Winter Maintenance will continue to be delivered locally under the plan but will be funded centrally.

**Annexe A** shows the document schedule and relationship for a variety of documents used by the Transportation Service, together with the various Acts and Regulations that place mandatory requirements upon the County Council as transportation authority.

**Annexe B** shows the programme submissions for funding.

## 2. MAINTENANCE NEED:

2.1 The highway asset includes carriageway, footway, verges, structures, drainage, street furniture and road markings. Maintenance is planned to protect the investment made in the highway asset and this is reflected in the objectives and targets set out in the LTP and Corporate Plan. Highway maintenance is carried out to achieve value for money through risk management by using cost effective treatments and solutions at the most appropriate times and locations within the financial constraints.

2.2 The objectives target the most important parts of the highway network to:

- undertake a rolling programme of surface treatments which balance safety, engineering and environmental needs with an emphasis on preventative maintenance
- ensure that highway maintenance schemes take full account of the needs of all transport users, including the mobility impaired and disabled
- target maintenance funding more effectively to meet the needs of users, through a revised county road hierarchy
- actively encourage the use of recycling methods and the use of secondary

aggregates for highway purposes

- give renewed emphasis to highway drainage schemes to relieve localised flooding
- redefine the present hierarchy of highways to reflect new pedestrian priorities, including integrated links to other transport facilities
- improve the quality and cost effectiveness of our winter maintenance service
- improve the structural condition of the county highway lighting stock, but taking into account the forthcoming Private Finance Initiative

### **3. LOCAL HIGHWAY MAINTENANCE:**

3.1 This plan highlights additional objectives to meet local needs and to contribute to the objectives summarised above. Locally there is a need to:

- react to hazardous defects to allow safe passage for all road users
- undertake regular maintenance to prevent weaknesses developing
- operate an emergency stand-by service
- undertake cyclic maintenance such as gully emptying, weed control, grass cutting and verge maintenance
- maintain aids to movement through routine operations related to road markings, traffic signs and street lighting
- undertake residual cleaning

3.2 In addition to the above, traffic systems and structures are managed by Countywide Technical Services in conjunction with the Local Transportation Service.

3.3 For 2006-2007 within the Elmbridge area it is suggested that the following programmes of schemes be undertaken:

- major maintenance carriageway works
- carriageway surface treatments
- footway reconstruction schemes
- minor maintenance drainage works
- street lighting works

### **4. IMPLEMENTATION OF SURREY HIGHWAY NETWORK MAINTENANCE MANAGEMENT PLAN:**

4.1 This section relates specifically to the items covered by the Surrey Highway Network Maintenance Management Plan. The following table summarises performance this year with proposals for next financial year. Except where stated otherwise, the works are carried out by Surrey County Council's partner constructor Carillion Highway Maintenance Ltd, or street lighting contractor Raynesway Construction Services.

Surrey Highway Network Maintenance Management Plan	Action In Elmbridge Area	Proposed Action In Elmbridge Area
Highway Activity	2005-2006	2006-2007
Highway Drainage:		
- Culverts	Problems addressed if potential danger to highway users.	Same
- piped drainage	As above	As above
- gully emptying	Scheduled programme of 1nr cleanse supplemented with targeting of problem areas	Same
- grips & ditches	None	Local problems to be identified & included.
- Ironwork	Defective covers and gully gratings replaced on a reactive basis	Same
- Soakaways	Local problems identified and attended to through a priority series of schemes	Same
Weed Control	Treatment of Channel and footways to County Standard between May and September	Same
Verges, Embankments and cuttings	Limited works only	Same
Grass Cutting	Cuts to County standard from March to October	Same
Hedges	Reactive Maintenance	Routine maintenance programme to be formulated.
Highway Trees	Reactive maintenance	Five year programme to be developed plus

		reactive maintenance
Fences and Barriers	Reactive repairs	Same
Signs and Bollards	Reactive repairs	Same
Road Markings and signs	Reactive re-lining; majority of yellow lining refreshed due to implementation of DPE	Same, but yellow lines and associated signs have become part of DPE budget. Routine maintenance programme to be formulated.
User and Community Response	Improvements to SCC website instigated and use of Contact Centre	Further improvements to SCC website
Winter Service	Salting routes agreed with constructor; priority schedule for footway/ cycleway snow clearance and preventative salting during severe weather	Same routes but route optimisation being formulated with Constructor. Budget held centrally.
Regulatory Functions	Charges reviewed	Same, with emphasis on congestion due to streetworks
Hierarchies within the Public Highway	Local footway hierarchy	Accessibility studies to be progressed
Traffic Signals, including controlled crossings	Works carried out by Central Services	Same
Highway Lighting	Reactive regime, but concerns about EDF works	Better co-ordination to be sought with EDF. Impact of PFI contract to be finalised.
Network Inventory	Asset management plan progressed corporately	Same
Highway Inspections and Surveys	Carried out by Constructor	Same
Condition of carriageways, footways and cycleways	Emergency defect repairs and major/minor maintenance schemes together with cyclic maintenance activities	Same

## 5. LOCAL CONTRIBUTION TO TARGETS/PERFORMANCE INDICATORS:

5.1 The following table highlights how the works to be undertaken as part of highway maintenance contribute to the service objectives and performance indicators.

County Council Objectives	LTS Elmbridge Action 2006-2007
Improve quality of major roads Improve quality of minor roads Improve footways Use quiet surfacing for major maintenance	As per Local Transport Service Plan
LTP Highway Maintenance Objectives	
Increase the proportion of structurally sound roads on Surrey Priority Network (SPN) 1&2  Reduce proportion of principal roads with sub-standard skid resistance  Provide lower noise surfacing on SPN  Ensure an integrated approach to major maintenance  Encourage use of recycling and secondary aggregates  Identify and complete highway drainage schemes  Correlate new footway hierarchy with Code of Practice  Replace structurally unsound lighting columns	As per Local Transportation Service Plan
Performance Indicators	
<ul style="list-style-type: none"> <li>- Temporary traffic management/road closures</li> <li>- Emergency defects</li> <li>- Street lighting</li> <li>- Insurance claims</li> <li>- Make Safe / Repair Highway Safety -</li> <li>- Inspection Defects</li> </ul>	As per Surrey Highway Network Plan and Local Transportation Service Plan

## **Annexe A**

### **Document Schedule, Relationship and Explanations**

The following Acts and Regulations place mandatory requirements upon the County Council:

Highways Act 1980  
Local Government (Miscellaneous Provisions) Act 1982  
Environmental Protection Act 1991  
New Roads and Street Works Act 1991  
Traffic Management Act 2004  
Road Traffic Reduction Act 1997  
Road Traffic Reduction (National Targets) Act 1998  
Control of Pollution Act 1974  
Refuse Disposal Act 1978  
Local Government Finance Act 1988  
Local Government and Housing Act 1989  
Land Drainage Act 1976  
Public Health Act 1936  
Local Government Planning and Land Act 1980  
Health and Safety at Work Act 1974  
Local Government Act 1988  
Factories Act 1961  
Traffic Signs Regulations and General Direction 1994  
Food and Environment Protection Act 1985  
Environment Act 1995  
Wildlife and Countryside Act 1991  
Countryside and Rights of Way Act 2000  
The Noxious Weeds Act 1959  
Road Traffic act 1988  
The Transport Act 2000  
The Local Authorities (Transport Charges) regulations 1998  
Rights of Way Act 1990  
Community issues – Relevant Acts:  
Disability Discrimination Act 1995  
Criminal justice and Public Order Act 1994  
Human Rights Act 1998  
Freedom of Information Act 2000  
Local Government Act 2000  
Management of Health and Safety at Work Regulations 1992  
Construction (design and Management) Regulations 1994  
Other guidance and advice on the management and implementation of maintenance works include:-

“A New Deal for Transport: Better for Everyone” The White paper on Integrated Transport (1998)  
Central Government’s Consultation document “A New deal for trunk Roads in England (1998)”  
The Local Government Association’s Code of Practice on Highway maintenance (LGACP)  
European and British Standards  
Pesticides Regulations  
European Noise Directive  
Department of Transport’s Design and Advice Notes  
Department of Transport’s Model Contract Document  
The Citizens Charter  
The Woolf Reforms  
The Biodiversity Action Plan  
Delivering Best Value in Highway Maintenance Code of Practice for Maintenance Management (2001)  
Railways and Transport Safety Act 2003.  
South East Regional Transport Strategy – The Future of Transport (July 2004)



**Annexe B****Programme submissions for funding and local programmes****DRAFT ALLOCATIONS 2006/07**

ACTIVITY	TOTAL £	SUB-TOTAL £
<b>Structural</b>		
<b>Major Maintenance (programmed)</b>		
<b>Sub-total</b>		783,000
<b>Minor Maintenance</b>		
Carriageway (Prudential funding)	304,000	
Other Local Capitalised works (to be confirmed)	140,000	
Minor Maintenance Works (including H.S.I. defect repairs, A&E works, Cat 2C works & Community Gang works)	825,000	
<b>Sub-total</b>		1,269,000
<b>Total Structural Maintenance</b>		<b>2,052,000</b>
<b>Environmental</b>		
Grass cutting & Weed control	170,000	
Verge repairs / Trees / Residual Cleaning	81,000	
<b>Total Environmental Maintenance</b>		<b>251,000</b>
<b>Safety</b>		
Gully cleansing	105,000	
Other drainage cleaning	65,000	
Signs and markings (including electrical maintenance)	85,000	
Street lighting maintenance	230,000	
Winter maintenance (centrally funded)	-	
<b>Total Safety Maintenance</b>		<b>485,000</b>
<b>Damage to County Property</b>		
<b>Total Damage to County Property</b>		<b>42,000</b>
<b>GRAND TOTAL</b>		<b>2,830,000</b>