

Item 21

**SURREY HEATH DISTRICT SPEED MANAGEMENT
MEASURES 2005/06**

**SURREY COUNTY COUNCIL'S LOCAL COMMITTEE IN
SURREY HEATH**

10th MARCH 2005

KEY ISSUE:

The 'Speed Indicating Device' (SID), 'Speed Poster Campaign' and new 'SpeedVisor' sign sites for the year 2005/06 are proposed for approval.

SUMMARY:

During 2004/05, speed posters were erected at ten pre-defined sites around the district for a period of 4 weeks at a time. Since 2003, SID has been used on a more frequent basis. This mobile device can be used as both an educational and data collection tool to feed into the feasibility stage of proposed road safety schemes. The Surrey Heath Local Transportation Service (LTS) now has a total of six 'SpeedVisor' signs, again to be erected at defined sites across the District. Surrey Police support the road safety campaigns by attendance at the sites to advise, educate and where necessary enforce the speed limits. The campaigns are seen as effective.

It is proposed that the poster and SID campaign be extended again throughout the 2005/06 year, fully supported by Surrey Police, and reinforced by the utilization of the six 'SpeedVisor' signs.

OFFICER RECOMMENDATIONS:

That the Surrey Heath Local Committee in Surrey Heath approves:

- I. the list of sites for use of the speed posters in 2005/06 as shown on Annex 1 and the provisional program as shown in Annex 4
- II. the list of sites for use of the Speed Indication Device in 2005/06 as shown on Annex 2
- III. the list of sites for use of the 'Speed Visor' signs in 2005/06 as shown on Annex 3

INTRODUCTION AND BACKGROUND

1. A Speed Management Poster Campaign was agreed by the Local Committee at its meeting on 3rd September 2002. Surrey Police supported the campaign, in particular our 'Casualty Reduction Officer' and the 'Motorcycle Enforcement Team' who attended the sites on targeted days with the objective of advising and educating motorists who were caught breaking the speed limit. In some cases enforcement was carried out.
2. In total 10 predetermined speed poster sites were visited across the district during 2004/05 on a four week basis. The perception of the campaign over the last three years was that it was successful, with a reduction in both average and 85thile speeds noted during post campaign analysis.
3. Surrey Heath LTS Office acquired a trailer mounted Speed Indication Device (SID) in April 2003 from 'Tele-Traffic (UK) Ltd. The device was deployed across 22 predetermined sites in 2004/05, in addition to collecting data before, during and after the speed poster campaigns. The device has also been used following residential requests throughout the borough. The Police have stated that due to its range of functions it has improved their ability to deal with speed management throughout the district.
4. Following an on-site demonstration by 'Radarlux Radar Systems' in February 2004 Surrey Heath LTS Office subsequently purchased two 'SpeedVisor' signs. The unit measures the speed of an approaching vehicle using an integrated radar unit and then displayed on a LED screen. The unit has a memory stick to record the speeds, which can then be fed back into the feasibility stage of proposed schemes. Unfortunately because of the device's weight it was not possible to mount the sign onto lamp columns as previously anticipated. Posts have therefore had to be installed at the various sites, which has subsequently caused some delay in the implementation of the program.
5. In January 2005 Surrey Heath LTS Office received delivery of a further four 'Speed Visor' signs courtesy of a contribution from Surrey Heath Borough Council, giving a total of six. Although the signs will predominantly be rotated around the sites detailed in 'Annex 3' on an eight week basis, two of the signs were purchased for community use, as agreed with the 'Chairman of the Committee' previously. Programming of community sites will be carried out following residential requests in conjunction with Surrey Heath LTS Office and the police.

ANALYSIS AND COMMENTARY

6. Surrey Police have monitored two of the roads subject to the poster campaign, the results of which are encouraging. For the basis of the speed analysis the terms 'Average Speed' and '85th Percentile Speed' will be used. 'Average Speed' is all of the speeds added together and divided by the total number of vehicles. '85th Percentile Speed' is the speed at which 85% of the vehicles are travelling at or below.

Hamesmoor Road, Mytchett:

- Pre-poster survey: Average speed = 28.4 mph; 85th percentile = 34 mph
- Post campaign: Average Speed = 28.1 mph; 85th percentile = 33 mph

Mytchett Road, Windlesham:

- Pre-poster survey Average speed = 29.4 mph; 85th percentile = 34 mph
- Post campaign Average speed = 27 mph; 85th percentile = 31 mph

7. The benefits of SID have also been clear to see; the device was modified last year to allow it to record vehicle speeds covertly. This has allowed the police to monitor speeds with the visual display switched both on and off thereby determining the affect the display has on motorists. Although the trailer positioned adjacent to the highway with its display switched off may have some affects on the speed, a recent experiment on Guildford Road in Lightwater demonstrated that the 85th percentile speed of vehicles was reduced from 33mph with the display switched off to 32mph with the display switched on. This however is interpreted as very positive.
8. The Poster sites, which are suggested for the year 2005/06, are shown on Annex 1, a corresponding program is shown in Annex 4.
9. The sites proposed by Surrey Police and Surrey Heath LTS for specific use by SID are shown on Annex 2.
10. The sites proposed by Surrey Police and Surrey Heath LTS for specific use by the new 'SpeedVisor' signs are shown on Annex 3.
11. As part of the 'Joint Road Safety Strategy,' a number of 'Road Safety Advice Days' have been agreed with our 'Road Safety Officer' and Surrey Police. Locations Although the locations have yet to be agreed, the dates are as follows:
 - 3rd May 2005 – Speed.
 - 21st July 2005 – To be confirmed.
 - 6th October 2005 – Seat Belts.

CONSULTATIONS

12. The Speed Management Policy and poster campaign has been developed after consultation with other District LTSSs, the Traffic and Road Safety Group of the County Council, and Surrey Police. Further extension of the campaign has been progressed after further discussion with County Members and Surrey Police. No formal consultations have been carried out with the public, but we do intend to produce a questionnaire that can be sent to residents along a road once the posters have been taken down to obtain their views.

FINANCIAL IMPLICATIONS

13. It is probable that any ongoing maintenance or replacement of the Posters will be from the 'Local Allocation' budget, (£10,000 has been defined in the LTP Local Allocation Committee Report for 2005/06). We have now order alternative posters from the 2005/06 budget that are more robust and do not require annual changing of the inner poster sheets. This will cut down on costs in future years.
14. Apart from basic servicing of the trailer itself there are no funding or maintenance implications with regard to 'SID,' all costs involved and the transportation of the device to individual sites are met and carried out by Surrey Police.
15. The 'SpeedVisor' sign purchase and program has been made possible by contributions by Councillor Coffin, (some money still available following the initial two purchases for sign relocation) and from Councillor Sealy. Surrey Heath Borough Council made a further contribution, together with help from the 'Local Allocation' budget.

SUSTAINABLE DEVELOPMENT IMPLICATIONS

16. Surrey has embraced the concept of sustainable development, which is the foundation of the County Council's Local Transport Plan, and it is committed to the vision of making Surrey a better place. The progression of the Speed Management, Poster and SID campaigns allied with the acquisition of SpeedVisor signs, will enable the objective of road safety improvements leading to safer roads for all to be achieved.

CRIME & DISORDER IMPLICATIONS

17. The partnership approach adopted with Surrey Police in the speed management campaigns will assist in reducing the potential for these implications to be reduced.

EQUALITIES IMPLICATIONS

18. There are no foreseeable 'Equalities Implications.'

CONCLUSION AND REASONS FOR RECOMMENDATIONS

19. Surrey County Council has invested heavily both financially and with officer time to the poster campaign. This has been supported by Surrey Police through our 'Joint Road Safety Strategy,' who perceive there to be real value to this approach to road safety, and as such have provided additional enforcement and education during the campaigns. The added value of the inclusion of the SID and the 'SpeedVisor' signs in future campaigns has been forcefully indicated by the Police, and is also strongly supported by the Road Safety Team of the County Council. It is therefore considered essential to continue with the poster campaigns and reinforce them with the deployment of the SID and installation of 'SpeedVisor' signs. The 'Joint Road Safety Action Plan' further defines the targets and objectives of the overall road safety efforts being put in place.

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BACKGROUND PAPERS: None

Version No.	Date:	Time:	Initials:	No of annexes:
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Annex.

- 1 Suggested Poster Sites for 2005/06.
- 2 Suggested sites for Speed Indication Device (SID) for 2005/06.
3. Suggested 'SpeedVisor' sign sites for 2005/06.
4. Surrey Heath Speed Poster Program 2005/06.