

ITEM 9 ANNEXE A

Freight Study Additional Work suggested by Committee in November 2012

Based on memo of 7th December 2012 prepared by Stephen Reed and Chris Williams of WSP

The total fee for completing all tasks is £12,700. Breakdown as follows:

1) Clarify the definition of an HGV - already done in the revised report

No comment required.

2) Remove smaller vehicles to leave only "true HGVs" in the count data - already done in the revised report

No comment required.

3) Additional surveys on the A244 to the north and south of the A308: £1,200 including £500 for surveys on the A244.

An inspection was made of the SCC traffic survey website.

Long-term ATC count data is available on the A244 Cadbury Road but the date of surveys would need to be confirmed as acceptable for use (within the last 3 years). In addition turning count data available at the A244 Cadbury Road / Chertsey Road traffic signal junction may be of use depending on survey times and / or age of data.

Traffic data south of the A308 traffic data is available north of Windmill Close and South of Vincent Drive but for a 12hr weekday or 24hr 7 day period. The analysis undertaken to date has been based on 24hr weekday counts so this does provide an ideal comparison between the data sets.

Taking this into account, the recommended way forward would be to commission two ATCs north and south of the A308 for a 24hr 7 day period. This could provide a like-for-like comparison with data collected elsewhere in Spelthorne BC.

4) A comparison of HGV flows on residential roads with the saturation at nearby junctions: £1,050

Two datasets could be used to assess the impact of traffic congestion on HGV flows. Data from CJAMS could be used to assess journey times whilst SINTRAM data could provide details of traffic flow link capacity and how traffic may divert away from major routes. These could be used to identify congested junctions during peak hours and compare against HGV traffic flows on alternative residential routes. This

would be limited to routes where traffic data has already been collected for the freight strategy.

5) A comparison of HGV volumes with likelihood of standing traffic - air quality concern: £1,550

The Defra Emissions Factors Toolkit could be used to assess the impacts of HGV flows and vehicle speeds on vehicle emissions. Traffic speed could be derived directly from the ATC surveys undertaken to-date in addition to the use of CJAMS data. It is proposed to complete an assessment of each HGV site for the AM (7-10am) and PM peaks (4-7pm). To assess the future impacts of HGV flows and traffic congestion a scenario could also be completed using SINTRAM estimates of future traffic speeds and up to 5% increase in HGV flow. It would be best to start a discussion with Spelthorne Environmental Health officers before embarking on this aspect of the work. There is annual monitoring and reporting on AQ within the Borough and would be used as reference.

6) A comparison of Spelthorne HGV flows with HGV flows elsewhere; £750

A comparison of HGV flows in Guildford and Weybridge could be undertaken using data available from SCC. This could assess up to five A and B class roads in each area, with comparisons provided in the final report.

7) Addition of O licenses to the GIS data set: £3,850

O License data could be derived from the VOSA website and then plotted onto GIS mapping against recorded HGV flows. Given the difficulties in obtaining data from the VOSA website it is proposed to limit the O License search to addresses in Staines, Ashford, Sunbury, Shepperton and Stanwell.

8) A comparison of HGV flow with carriageway and pavement width: £850

Through further development of the Wiltshire Assessment Methodology, a classification of routes could be provided against surveyed roads. Rather than provide exact carriageway widths, it is proposed that routes could be classified by number of lanes, and adequacy of pavement in relation to the surrounding area.

9) Addition of HGV parking opportunities to the GIS data set: £900

Assessment of public parking and HGV waiting restrictions (to be provided by SCC) and plotting of this data on to GIS.

10) Attendance at Members Meeting to produce Draft Freight Strategy: £750

Attendance and preparation for an evening meeting at Members meeting at Spelthorne Borough Council.

11) Provide Summary Report incorporating finding of items 1 to 10: £1,800

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