

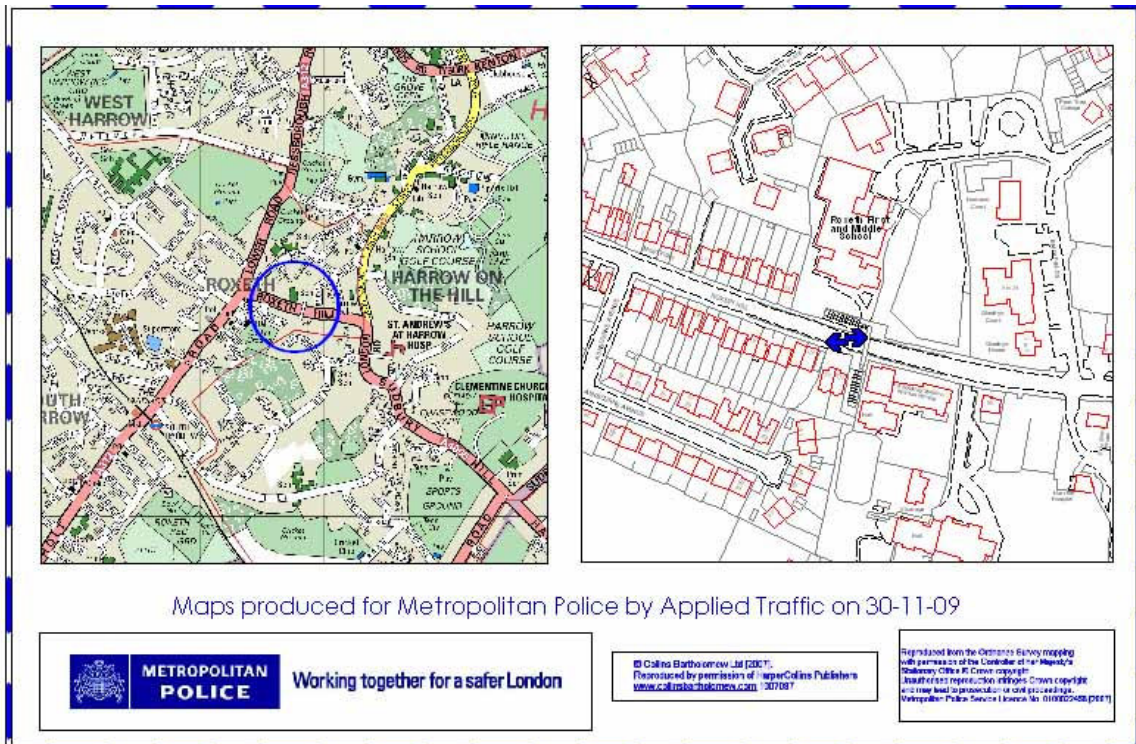
Appendix B – Metropolitan Police Speed survey



Temporary Traffic Survey

Roxeth Hill, Harrow

1 - 14 December 2009



Map reference – Pg 116 514/186

At the request of the Metropolitan Police Service, Applied Traffic Limited conducted a traffic survey at Roxeth Hill, Harrow, between the junctions of London Road and Lower Road as shown on the preceding map. At this location the road is subject to a 30mph speed limit and consists of 2 lanes (one in each direction).

The equipment used was an AT-SR4 radar traffic recorder, mounted on nearby street furniture. To check the recording accuracy of the AT-SR4 a 'Home Office' approved laser speed measuring device was used to check vehicle speeds against those being recorded by the AT-SR4 display. The results of these checks are recorded below.

The test results when the equipment was installed were-

	Laser	Radar
East	18	18
	24	25
	22	22
West	28	28
	30	31
	30	30

The test results at the end of the survey were-

	Laser	Radar
East	33	34
	27	27
	28	29
West	34	34
	33	33
	25	25

Survey Statistics

The AT-SR4 classifies vehicles by measuring the length of vehicles and thereby puts them into the following class structure.

Class 1 - Motorcycles

Class 2 - Cars & Small vans

Class 3 – Vans, small LGV's & PCVs

Class 4 – Large LGV's

The table below and the accompanying tables and graphs show the number of vehicles travelling in excess of ACPO (The Association of Chief Police Officers) guidelines for the minimum speeds that a driver should be prosecuted at. These guidelines relate to drivers whose speed is greater than the speed limit by 10% plus 2mph. The guidelines are not a legal precedent and is purely a guide leaving the decision to the individual Police Officer who should assess other factors before deciding whether a prosecution is the correct course of action.

Eastbound		Survey Statistics
Speed limit		30 mph
Total vehicle count		88287
Total number of vehicles in excess of the limit		20977
Total above ACPO Guidelines		5000
Total average speed		27 mph
Total 85th percentile speed		32 mph
Westbound		Survey Statistics
Speed limit		30 mph
Total vehicle count		85618
Total number of vehicles in excess of the limit		31553
Total above ACPO Guidelines		9355
Total average speed		28 mph
Total 85th percentile speed		34 mph
Average speeds per class (mph)		
	Eastbound	Westbound
Class 1	26	26
Class 2	27	29
Class 3	24	22
Class 4	20	16
85th Percentile speeds per class (mph)		
	Eastbound	Westbound
Class 1	31	33
Class 2	32	35
Class 3	29	30
Class 4	25	25

Manager – Data collection & Analysis.

Site photographs

Eastbound



Westbound

