

Transportation Engineering-1

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Traffic Volume Study

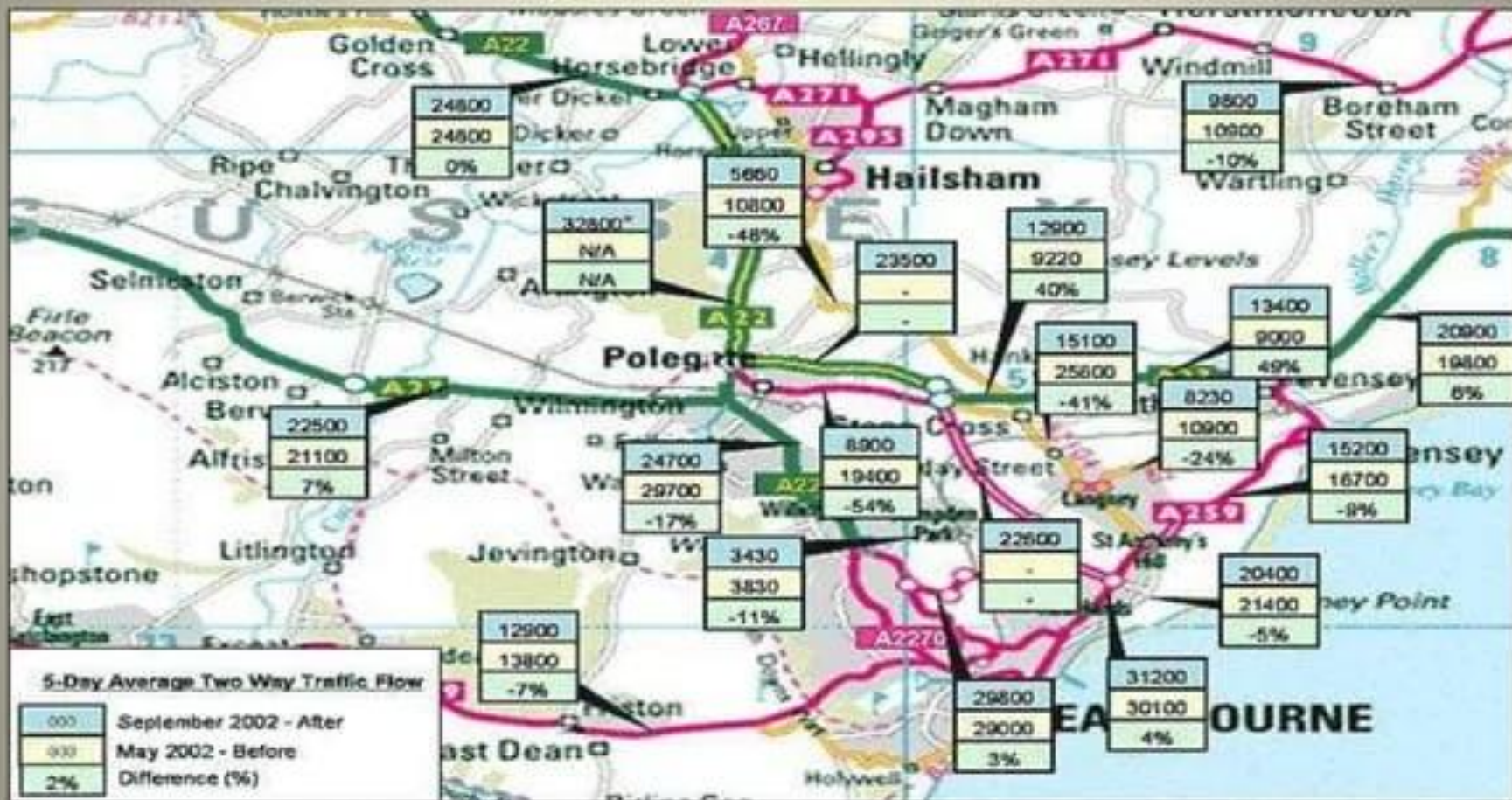


Figure 3.2 - Effects of the A27 and A22 Schemes

Spot Speed Survey

- Spot speed survey is the instantaneous speed of a vehicle at a specified section or location. **Enoscope** is the name of equipment use for this survey. Manually it is possible to measure the spot speed by entering the data into the record book. The collected data are analysed and S-Curve is plotted. We can obtain medium speed, geometric design speed 85th percentile speed (Upper speed limit for regulation), 15th percentile speed, modal speed, space mean speed, time mean speed etc. from collected data.

Spot Speed Survey



Speed and Delay Study

- Speed and delay studies give running speeds, overall speeds, fluctuations in speed and delay between two stations of a road spaced far apart. They also give the information such as amount, location, duration, frequency and causes of the delay in the traffic stream. Various methods to carry out speed and delay survey are:
 - Floating Car method
 - Licence Plate record method
 - By Interview
 - By Photography and videography

Speed and Delay Study

