

## Appendix 7 - Case Studies

### Oxshott High Street

The A244 is a significant artery in the Surrey highway network providing the link between the link between the A3 and M25. Part of this road forms Oxshott High Street and is part of the Ride 100 course. To carry out essential gas mains replacement, it was necessary for the road to be completely closed to traffic. Conditions were imposed that meant the works were undertaken in the summer school vacation, utilising extended hours and vacating the road totally over the weekend of the Ride 100.

Whilst the road was under closure, works by BT Openreach, Virgin Media, UK Power Networks, Sutton and East Surrey Water and our own Integrated Transportation Scheme works were instructed to take place to make best use of the closure period.

Whilst this may have been achievable under the previous Noticing regime with negotiation, the Permit Scheme gave the ability to instruct these events to happen.

### Outwood Lane

Contractor JSM working for Abovenet Services are in the process of installing a new high speed fibre optic cable for data exchange between Croydon and Crawley.

At a certain location on the route, JSM chose to use the technique of “moling”. A works method that eliminates the need to open cut the surface but can only be undertaken where there is a clear path through suitable subsoil.

The moling tool contacted a twelve inch fresh water main which burst flooding 40 properties and affecting pressure in over 2500 homes and closing the road.

The Permit for the Abovenet works has been Revoked meaning JSM no longer have permission to undertake the works and have had to make good any excavations, stop work and clear the site until meeting have been held to review the situation.

### Guildford Road, Woking

Permit approval was given to Southern Gas Networks (SGN) to undertake a service connection on the A320 in a location close to the town centre. These works were planned to start on the 13<sup>th</sup> of January and required two lanes of the main route into Woking to be reduced down to one lane only.

A few days earlier a major gas leak occurred on a roundabout on another main feeder road into Woking which required the use of five way temporary traffic signals causing significant disruption.

The Permit Scheme gives powers to Revoke a Permit application under certain conditions. Emergency works in a conflicting location is one of these circumstances, hence although they had been approved, the SGN works on the Guildford Road was Revoked to avoid compounding the levels of traffic disruption.

**Monument Hill, Weybridge**

A development of a new Morrison's supermarket in Weybridge had associated road relayout and utility works. The road revisions being part of a section 278 agreement (Highway modification).

Under the Permit Scheme, s278 works require to be carried out under an approved Permit. This enables the Street Works department to become involved in agreeing timings, durations and Conditions. Previously this was not the case.

Works on Monument Hill, Weybridge were proposed by the Developer to use two way traffic signals for a period of 26 weeks. With Street Works involvement the method of works was significantly changed and the length of time the temporary signals were required reduced by around ten weeks and Conditions on manual control of the traffic signals imposed.

Prior to the Permit Scheme resource did not exist in Surrey to review s278 works in this depth.

**Copsem Lane**

Sutton and East Surrey Water project to renew 500 metres of fresh water main and transfer 29 properties. This road joins the Oxshott High Street. A significant part of the main laying works, which was a longitudinal open cut trench in the carriageway, was instructed to be undertaken whilst the road was closed further down for the SGN works due to the reduced traffic levels. A section of the works that was undertaken outside of the closure time resulted in significant traffic disruption.

Consequently the subsequent works of providing service connection from the new water main into properties has been instructed by an "Authority Imposed Variation" (AIV) to be undertaken in off peak periods only between 09:30 and 16:00 or over a weekend period with the carriageway cleared and returned to full use outside of these hours.

An AIV being a Direction only available to Authorities operating a Permit Scheme.

**A30 London Road, Bagshot**

Scottish and Southern Energy (SSE) have been commissioned by a Developer to provide an upgraded electrical power supply to a new supermarket development. These works are on the same road in the exact same location as works took place 12 months previously by Affinity Water. The Affinity works caused considerable traffic delays and a vast amount of correspondence from dissatisfied members of the public. These works were undertaken under the previous Noticing scheme.

Under the Permit Scheme for the SSE works we have been able to impose traffic management layouts, instruct exact letter drop areas, advanced warning signage locations, working days and hours and the start date of the project with the objective of reducing traffic disruption by informing the public and ensuring effective working practices.

Ends