Annex 3: Operational Feasibility

Recent tests carried out by Parkeon, the provider of the infrastructure, sets out the operational feasibility of the proposed approach to charging. The results indicate that currently not all of the sites are suitable for all three methods of payment, card, phone and annual permit because of variable signal strength.

There are mitigation measures that will improve the signal, primarily the installation of mobile boosters within the parking meters.

An assessment of the sites was undertaken to understand the infrastructure that would be most suitable for each site.

Outcome of assessment is set out below:

Site	Car Park	Capacity	Signal Strength	Additional Comments	Preferred Option
Chobham Common	Jubilee	18	Suitable		Card /phone and permit
	Roundabout	45	Excellent		Card/phone and permit
	Staple Hill	30	Excellent		Card /phone and permit
	Monument	9	Suitable		Card/phone and permit
	Fishpool	23	No survey	This has been initially tested and the signal is variable so would not be sufficient for car payment	Phone/pemit
	Longcross	9	Good		Card /phone and permit
Norbury Park	Fetcham	16	Excellent		Card /phone and permit
	Young Street	60	Suitable		Card/phone and permit
	Crabtree Lane	10	Suitable	Would not put cash or card machines in due to location	Phone/Permit
Wisley & Ockham	Boldermere	52	Suitable	Two Machines at this location Booster proposed	Card /phone and permit

	Pond	44	Suitable	Booster proposed	Card/phone and permit
	Wren's Nest	12	Suitable	Booster proposed	Card/phone and permit
Whitmoor Common	Salt Box	21	Suitable	Booster proposed	Card/phone and permit
	Brittens Pond	17	Not Suitable	Re-test in 3 months	Phone/Permit
Rodborough		15	Suitable		Card/phone and permit

Summary

Twelve of the fifteen sites included in this proposal are suitable for option 5, card, mobile phone and annual pass.

Of these twelve, four require additional technology, to boost the signal with one site requiring two boosters

The Total additional capital investment included in the business case.

Parkeon advise that the sites should be retested prior to implementation as there are continuous improvements to signals which may reduce the need for additional boosters.