5 KERB OUTSTANDS (WITHIN ROAD)

This intervention involves an audit of parking areas to identify surplus space for tree planting in additional outstands in-between driveway crossovers. This is a low-cost intervention that does not reduce car park numbers. Depending on budget, re-paving car parks with permeable material can allow for connected soil between tree outstands and for better-integrated stormwater management.

KEY BENEFITS

- No net loss of car parking.
- Can provide generous space for tree soil volume.
- Typically, will not impact footpaths, kerbs and existing service infrastructure.
- Trees are inset to roadway meaning they are less likely to be encumbered by overhead services.
- The increased permeable surface area can aid stormwater runoff management.

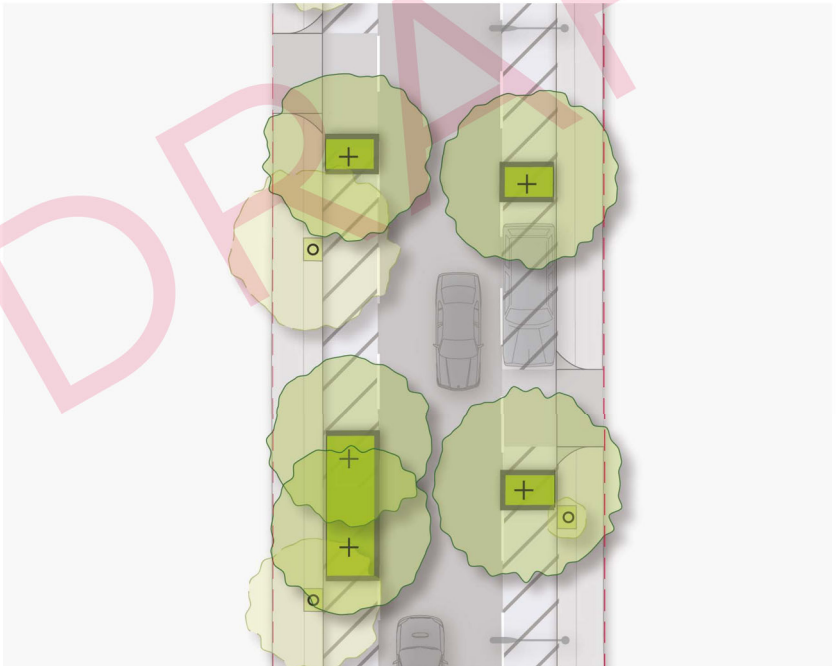


Figure 47: Highlighting all of the streets that are suitable for kerb outstands.

FUNCTIONAL LAYOUT



STREET SECTION



STREET PLAN

SCALE 1:200 0 5 10m

TECHNICAL AND MAINTENANCE CONSIDERATIONS

- Formative pruning required to establish clear sight lines.
- Depending on the proximity of trees to overhead services a tree species may need to be selected that will tolerate crown pruning at maturity.
- Understorey planting should be a secondary consideration to tree selection and increasing canopy.
- Sightlines will need to be considered as part of tree placement and may impact the number of trees that can be installed.
- Structural soil should be considered to increase soil volumes and connect soils below pavement.
- Irrigation or hand watering required during hot dry periods.
- Suggest low litter-producing species as the trees will directly overhang the road.

ADDITIONAL OPPORTUNITIES TO BE CONSIDERED AS PART OF INTERVENTION

- More frequent and larger outstands are possible if car parking numbers can be reduced.
- Repaving parking spaces with permeable paving will further increase stormwater directed to tree root zones.
- Integrated water management (IWM) interventions such as passive irrigation, soaker pits and rain gardens.
- Understorey planting that increases and supports site biodiversity.

FINANCIAL & RESOURCE COMMITMENT

$ **TBD** $$$

DRAFT