

## Detailed Designs

### 9.1 Introduction....

Section 9.2 contains sketch scheme proposals for St John Street and Frodsham Street. These are illustrated as reduced versions of A1 AutoCAD drawings within this document. Full-sized A1 versions are available in electronic format. All designs are conceptual and should not be progressed without full engagement with the local authority or without a street audit having been undertaken in consultation with the council's conservation, planning, highway and access officers. These designs are based on the principles set out in the PRDG and are to RIBA Stage D. No audit of underground services, vehicle tracking, highway design or traffic modelling has been undertaken for any of the designs. Two design options are shown for Frodsham Street, one based on the existing street hierarchy shown in Part 3 (accommodating high levels of bus traffic) and an alternative option (closer to the aspirational street hierarchy shown in Part 3) based on minimal bus traffic, limited to a 'hopper' sized bus.

The detailed design proposals for St John Street retain a significant carriageway width, despite the relatively low traffic flows, so that loading does not obstruct the carriageway. The footway is widened in places. The junction with Little St John Street has a much reduced carriageway area with left and right turns restricted to the same lane (as opposed to the existing two lanes). This would allow the number of traffic lights at this location to be reduced, creating a more open view down St John Street towards the Roman Amphitheatre.

Two design options are shown for Frodsham Street; the 'without buses' option shows a carriageway surfaced in granite setts, whilst the 'with buses' options has a macadam surface. Both options

show a widened pavement. The option without buses also shows an alternative design approach to Foregate Street / Eastgate Street, which offers a different design for the top of St John Street, which (although not affected by buses) would be appropriate should traffic levels on the street be reduced.