

Table 4-3: Deployment: Route Planning – Challenges and Best Practice Solutions.

Challenges	Best Practice Solutions
<ul style="list-style-type: none"> • FCBs may have permitting issues for travelling through tunnels • FCBs have much of their FC components on the roof and are therefore taller. This can be an issue for constrained height areas (e.g. bridges) 	<ul style="list-style-type: none"> • While this should not be a problem any more in the future, undertaking a route inspection to determine any safety or operational hazards that may arise can be helpful. In some cases, this has been mandated by permitting authorities • In the case of a private road, tunnel or ferry, the owner may apply different requirements. • The JIVE projects have tested FCBs on a wide range of routes including inner city; cross boundary routes (inner city – residential – semi-rural). They have also tested buses on a wide range of topographical settings from hilly medium runs to flat long run to long run with many stops. Few problems have been encountered which is encouraging. Nonetheless, it is recommended that all routes are examined and tested.