

Appendix 5: Park and Ride Capacity Assessment

RPS has undertaken an assessment of the capacity of the area of land allocated in the Great Yarmouth Borough-Wide Local Plan 2001 for 'Park and Ride' use. The reason for this assessment was to ascertain whether the current proposals for The Edge (which includes all of the area of land allocated in the Local Plan for Park and Ride) will provide approximately as many parking spaces on the land as would have been the case had the Park and Ride proposal been implemented.

Our assessment has made the following assumptions:

1. That the car park proposed for The Edge is that contained in planning application drawings 07039/P1-100, 07039/P1-200 and 07039/P1-300, providing a total of 832 spaces.
2. That the car park associated with the Park and Ride designation would be a surface car park covering the entire area allocated for Park and Ride.

Within the Institution of Highways and Transportation publication, 'Transport in the Urban Environment'¹, the approximate area required per car parking space for a surface level car park is stated as 20-25m² per space. Although this is a guide figure and subject to detailed design it suggests that a car park with an area of 1.79 hectares would be able to accommodate between 716 and 895 parking spaces, with a midpoint of 806 parking spaces.

This exercise demonstrates that The Edge, which will provide 832 spaces, will be likely to provide more car parking capacity than a Park and Ride use, which would be likely to provide approximately 806 spaces.

¹ Transport in the Urban Environment, Section IV, Chapter 28, Page 390, Table 28.2: 'Typical parking space requirements in surface vehicle parks', Institution of Highways and Transportation, 1997.