

Design proposals

The planning application will include the necessary infrastructure to support the growth of Bristol International Airport to accommodate a passenger throughput of 10 million passengers per annum. Based on our current forecasts, we anticipate this being reached around 2016.

We have identified below the four core elements of the proposals which will be included within the planning application. Further to these, we have outlined the additional elements of the proposals which we consider are also required for the proposed expansion of the Airport and its related services.

Terminal building

An extension to the east and west of the existing terminal building. The proposals also provide an eastern walkway and an extension to the western walkway to improve the arrangements for transferring passengers between the extended terminal and aircraft. The walkways lead to western and eastern piers, the latter being on the site of the existing Administration Building. The Terminal Extensions provide a double height space for check in with a fully glazed façade. The extension is designed to preserve the existing glazed façade and roof and replicate the excitement of arrival in the Terminal Building experienced in the existing check in hall.

Two multi-storey car parks

One with four storeys and one with five storeys. The car parks will be located immediately to the north of the existing terminal building providing a mix of short, medium and long stay parking products, totalling approximately 3,800 spaces. The uppermost deck of the eastern block will provide a public transport interchange and a covered pedestrian footbridge link with access to the Terminal. The multi-storey car parks concentrate parking spaces close to the Terminal with easy pedestrian movement between the two.



Long stay and other car parking

Reconfiguration and extension of the existing Silver Zone car parking, south of the runway, to provide additional long stay parking along with replacement staff parking and car hire facilities. An extension of the airport's southern boundary is proposed to provide additional long stay parking.



Aircraft parking stands

An extension to the Western Apron to provide six new stands, extension of the Eastern Apron to provide three new aircraft stands and reconfiguration of the existing Eastern and Western Aprons.



Other proposed developments include...

- Demolition of the existing administration building and construction of a replacement to the west of the terminal building;
- Demolition of the existing aviation fuel storage facility and development of a replacement underground depot;
- Landside support buildings;
- A new flight catering building;
- Reconfiguration of the existing north side surface car park;
- Widening of the main airport access road and amendments to internal road layout;
- Provision of a noise attenuation wall to screen the Eastern Apron;
- A new mail handling building and associated facilities for the Royal Mail SkyNet operation;
- Reconfiguration of the existing General Aviation aircraft parking area;
- A new storage building for snow clearing and aircraft pavement de-icing equipment adjacent to the new Fire Station;
- Operational improvements to the existing runway and taxi-ways; and
- Landscaping and nature conservation enhancement measures.