



Chesterton Footbridge Cambridgeshire, UK

Client: Cambridgeshire County Council
Architect: Knight Architects
Structural Engineer: Skanska

A new foot and cycle bridge across the River Cam in Cambridge. The bridge will form a vital part of the Chisholm Trail, expanding the capacity of Cambridge's cycle network.

The bridge takes the unique form of an ornate lattice U-beam, with a structural pattern wrapped around the deck. Cyclists will enjoy a wide deck on which a shallow kerb is used to clearly separate cycle traffic from pedestrian users. The inclined parapet follows a gently curving profile

on which the intersecting ribs create a pattern of 'picture window' openings through which bridge users can enjoy views of the meadows. Opportunities to stop, rest and enjoy the landscape are created by generous areas of seating at the bridge ends.

A 'Cambridge Blue' colour finish which complements the adjoining historic railway bridge is recessive in the natural environment and evokes the cultural and sporting context of the

river. The approach ramps are designed as earthen embankments, screened by natural planting; a suitable appearance in the beautiful meadow landscape.

