Appendix G-9 – Consultation Materials: Scheme Visualisations

Great Yarmouth Third River Crossing

Stage 3 (Statutory Pre-application) Consultation

Proposed Scheme Visualisations

Introduction

This document shows a number of visualisations of the Proposed Scheme. The plan on the following page shows the locations of each visualisation.

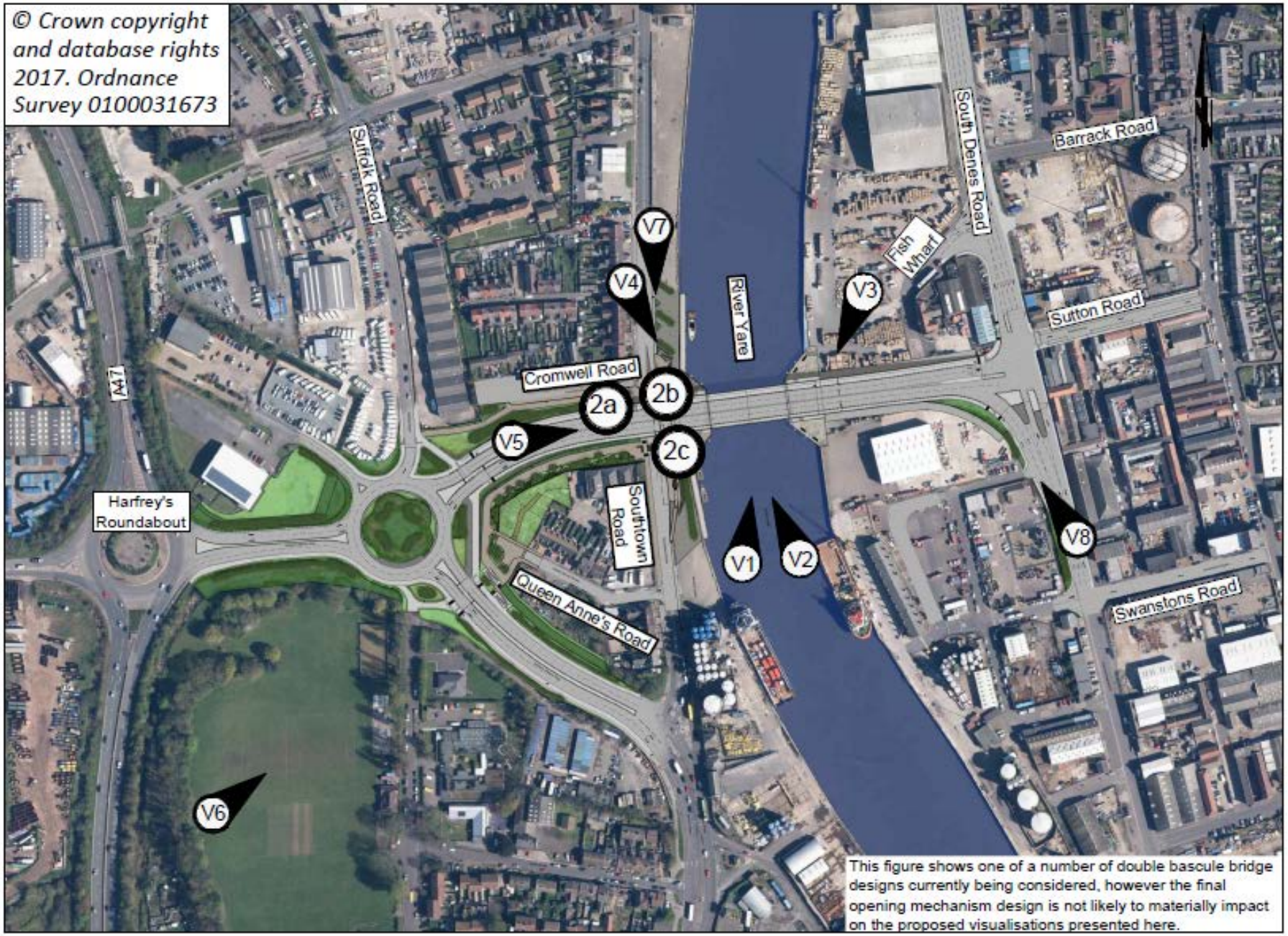
We are proposing a double leaf bascule bridge (a type of lifting bridge – similar in operation to the existing Haven Bridge). The height and horizontal alignment of the bridge deck is already fixed. However, at present we would like to retain some flexibility regarding the range of structure and opening mechanism to allow contractor innovation and hopefully reduce cost.

Therefore, these visualisations are indicative and each page shows the range of opening mechanisms for the bridge that are being considered. The environmental assessments undertaken to date have taken account of this range of opening mechanisms by assessing a 'worst case'. **We welcome your views on the illustrative visualisations but please note the final design may be different to those shown.**

The visualisations show the control tower in location **(2a)**, however three provisional locations have been identified for the control tower depending on the type of bascule bridge chosen. These are shown as **(2a)**, **(2b)** and **(2c)**.

The opening mechanism and tower location would be fixed when we submit our application for a Development Consent Order.

Visualisation Locations



Visualisation V1: Proposed crossing in closed position looking north from the centre of the River Yare

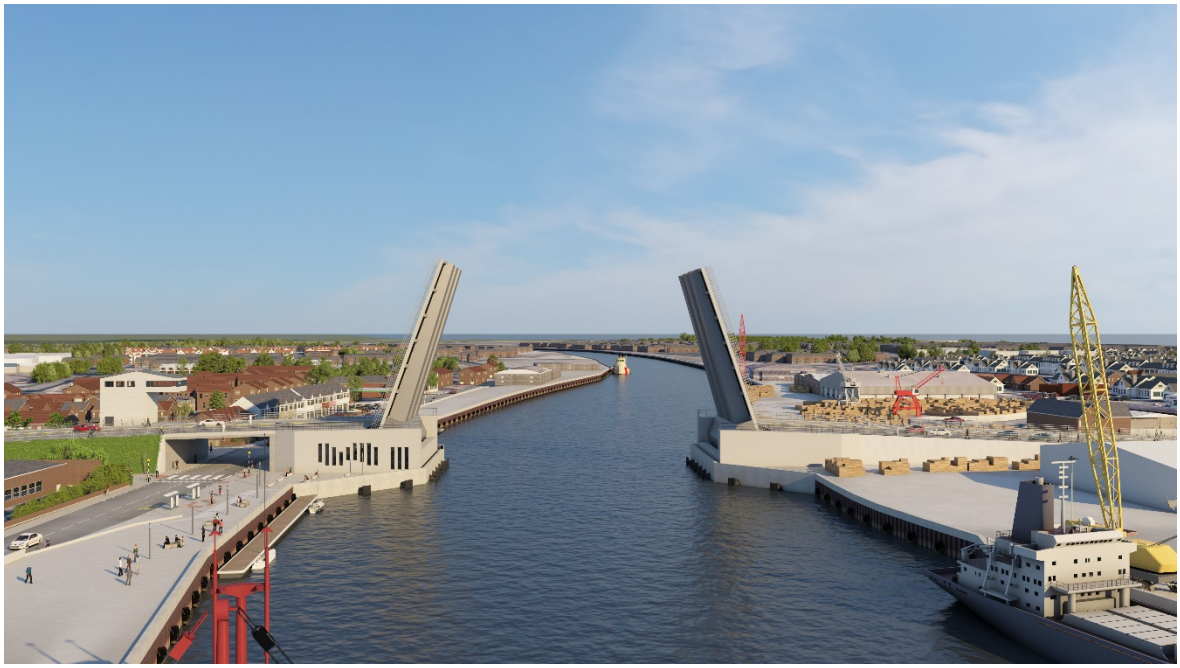
Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river

Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms

Visualisation V2: Proposed crossing in open position looking north from the centre of the River Yare

Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river



Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms

Visualisation V3: Proposed crossing in closed position looking south west from near Fish Wharf

Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river

Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms

Visualisation V4: Proposed crossing in open position looking south east from near Waveney Road

Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river

Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms

Visualisation V5: Looking east along new crossing when in closed position

Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river

Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms

Visualisation V6: Overall scheme looking north east from overhead with bridge in open position

Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river

Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms

Visualisation V7: Bollard Key looking south along Southtown Road

Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river

Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms

Visualisation V8: South Denes Road proposed traffic signalled junction looking north west

Illustrative example of bascule bridge with counter weights below bridge deck and structures built into the river

Illustrative example of bascule bridge with counter weights above bridge deck and piers in the river

Range of opening mechanisms