



DENMARK EAST DEVELOPMENT PRECINCT

Have Your Say

East River Road Extension
(Western Precinct) and
Second Denmark River
Bridge Crossing.

FACT SHEET 4: East River Road Bridge Crossing

The Shire of Denmark has a Local Planning Strategy (LPS) that was adopted in 2011 following extensive community consultation. As part of this strategy an additional bridge crossing was identified as a priority element to cater for future growth in the town. A summary of the processes undertaken by the Shire of Denmark to prepare the LPS can be found in the report accompanying Council minutes of 22 March 2016 (Item 8.5.2), available online at www.denmark.wa.gov.au or through the Shire Offices.

In order to implement the recommendations of the LPS, the Shire of Denmark prepared a business case to secure Royalties for Region's "Growing our South Initiative" funding. The Business case outlined a number of potential route options for the new road (with multiple bridge crossings shown). These options (3B to 3F) are depicted on the map above. To ensure



Above: Options considered.

the route selection process was robust and delivered the best possible result, an additional route 3A was included into the review.

The options were then subjected to detailed investigations and assessed by environmental and engineering consultants as well as input from local

aboriginal elders. These findings were used to equitably assess the options through a multi-criteria selection process.

The two short-listed options are detailed overleaf.

Have Your Say

Fact sheets have been prepared to assist you in writing a submission on the road alignment options for the Denmark East River Road Bridge Crossing and/or the Denmark - Mt Barker Road Intersection Realignment.

Copies of the fact sheets, submission form and other key documents including their full reports are available at the Shire offices or can be downloaded from www.denmark.gov.au/consultations

The formal public comment period is open from 17th October until 5pm Monday 14th November. Please ensure that your comments are received by the close of comment period so that they can be reported to Council in December 2016.

Stay Informed

To be kept informed on the progress of the Denmark East Development Precinct Project, please visit the project website at www.denmark.wa.gov.au/dedpp.aspx

If you have any questions on the project, or the Council's process, please call the Shire offices on 9848 0300 or email us at: enquiries@denmark.wa.gov.au



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What options are being considered?

Following expert investigations and a selection process, two of the six options have been identified by the Shire as having potential for construction as part of the project. These options are 3B and 3E. A breakdown of the two options is depicted below.

Option 3B



Positives:

- Impact on Kwoorabup Trail minimised to area near the bridge crossing point.
- Construction can be undertaken within project budget.
- Retention of road fill will reduce overall development footprint/environmental impact.
- Greater capacity to connect Kwoorabup Trail into pedestrian access across bridge.
- Majority of roadworks will not be visible within the broader landscape.
- Bridge deck will be at a lower level above the river than in Option 3E.
- Aboriginal heritage survey supports crossing at this location.
- Least land acquisition impact on Denmark Agricultural College.

Considerations:

- Riverbend Lane Karri tree would be required to be removed, however arborist investigations have determined extensive termite damage to the trunk.
- Marginally higher level of flora and fauna disturbance than with option 3E.
- Kwoorabup Trail will be required to be re-routed where the road cuts across the trail.
- Scotsdale Brook limits the capacity to safely reduce the road alignment impacts due to the adjacent embankment.
- Access to existing properties and Riche Road requires substantial adjustments.
- Road located in close proximity to existing residents.

Option 3E



Positives:

- Impact on Kwoorabup Trail will be limited to the bridge crossing point, with minor re-routing required.
- Aboriginal heritage survey supports crossing at this location.
- Lower number of significant trees requiring removal.
- Reduced impact upon existing residences and school.
- Impacts from flooding reduced.

Considerations:

- There is a significant land impact on the Denmark Agricultural College.
- Construction of the new bridge and road cannot be undertaken within current project budget. (There is a \$1.8m+ cost differential between 3B and 3E)
- There is a larger fill requirement and development footprint from the elevated bridge height to achieve safe road gradients.
- Road works will be more visually exposed within broader landscape.
- Additional road and bridge length to maintain for the Shire into the future.
- More difficult terrain for road and bridge construction.
- Connecting Kwoorabup Trail into pedestrian access across bridge will be more challenging.

The Shire is seeking your feedback on a preferred bridge crossing alignment. Your feedback will be provided to Council as part of a consolidated report. Council is due to determine the alignment in December 2016.