



## What is proposed?

The Department of Transport is proposing to build a new weir at Bandy Creek. The new structure has been designed with an improved alignment and will be located upstream of the existing weir.

The works will include:

- demolition of the damaged structure;
- construction of a new low level weir, which will ensure tidal flushing and fish movement between the creek and harbour during high tide with no adverse effect on the water level or quality of the Ramsar protected wetlands upstream;
- installation of sheetpile wall or cut off wall below the weir, which acts as a barrier to prevent erosion of foundation material;
- construction of an elevated road platform for pedestrian, cyclist, emergency and service vehicles. The road platform will be approximately 1 metre higher than the existing weir, with a gap between the top of the weir and the platform.

## When and how will it happen?

The Department of Transport is currently progressing with heritage approval, environmental approval, detailed engineering design. Towards the end of 2018, The Department of Transport will go out to tender to procure a contractor to undertake the construction works.

Construction work is anticipated to commence in early 2019 and will respect the typical Esperance summer storm periods. Rock protection will be installed to mitigate any storm impacts during construction. It is likely that construction will be complete by the end of 2019.

The work will be staged to maintain the existing essential services that run along the current weir alignment. Once the new weir is complete and essential services have been connected, the old weir will be decommissioned and all materials removed. This will ensure minimal disruption to service connectivity.



## Why is a new weir needed?

A flood event in 2007 resulted in the reconstruction of the weir which was completed in 2010.

In February 2017, the weir was overtopped during another flood event. This resulted in significant damage to the structure including erosion of the foundational material and collapse of the southern end of concrete weir structure. The weir was damaged by the large volume of floodwater.

## Why do we need a weir?

A structure across the Bandy Creek waterway offers many benefits to the community and environment, these include:

- reducing sediment deposition from the Bandy Creek into the boat harbour, hence minimising the volume of dredging required;
- maintaining a suitable water level in the creek to protect the RAMSAR wetlands upstream;
- providing an access road for emergency vehicles; and
- maintain a suitable utility corridor for water, sewerage and communications.

## How will it be funded?

The Bandy Creek Weir structure is insured by RiskCover (Insurance Commission of Western Australia). DoT will pay for the construction of the weir with funds claimed from RiskCover for the damage caused to the weir by floodwaters in February 2017.

Additional fund will also come from Western Australia Natural Disaster Relief and Recovery Arrangements (WANDRRA) and DoT.

## How can I get a project update?

Project updates will be available on [www.transport.wa.gov.au/bandycreekweir](http://www.transport.wa.gov.au/bandycreekweir)