

Yorkeys Knob new boat ramp

Revised design plans

Revised preliminary design plans, available on the TMR project website, are the result of stakeholder feedback, and detailed hydrodynamic modelling and investigations to define the best breakwater, boat ramp, car-trailer park, and access road configurations.

TMR requests community feedback prior to 29 February 2020 on these preliminary design plans. Following review and incorporation of feedback, TMR will progress with detailed design and delivery of the project.

The proposed new access road will be two lanes with a pedestrian walkway positioned to minimise impact on the existing habitat.

The proposed car-trailer parking area is being developed to provide between 130 and 165 car-trailer unit (CTU) parks plus adequate single car parking spaces and some area for use by community groups. The final bay numbers are subject to the detailed design process.

Next steps

- receive stakeholder feedback on the preliminary design plan up to 29 February 2020
- detailed design – first quarter 2020
- environmental approvals – mid to late 2020
- construction – planned to start in late-2020, with timing dependent on obtaining environmental approvals

Investigations report findings

The investigations report (available on the TMR project website) found no environmental impacts that would negatively influence the feasibility of the project.

The identified impacts can be managed through an environmentally sensitive design and best practice management of construction activities.

The most sensitive environments are mangrove habitat and the adjacent terrestrial areas that will be disturbed by the construction and operation of the access road to the boat ramp facility.

Basin and breakwaters

The coastal processes modelling showed that minimal maintenance dredging is likely to be required in the boat ramp basin and access channel to the new facility. The concept breakwater configuration was determined using modelling to minimise siltation and wave action and integrate effectively with the existing marina breakwaters and entrance. The preliminary design breakwater configuration and structure levels are subject to amendment following further coastal and flood modelling to ensure project objectives are met. Project objectives in relation to breakwaters configuration and flooding impact include:

- Ensure the breakwaters provide adequate protection for the new ramp.
- Ensure the breakwaters do not have negative impacts on the existing marina breakwaters.
- Ensure the breakwaters do not have negative impacts on existing navigational channels (marina and Half Moon Creek) due to siltation changes.
- Flooding. Ensure the development does not negatively impact the two adjacent stakeholders or the adjacent catchment as a result of flooding.

For more information

To provide feedback or ideas or to obtain more information please contact the project team:

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