

KEY DESIGN FEATURES

- 1 Three widened ramp lanes (3.5m) for ease and efficiency of launching. No standing in ramp area.
- 2 New wider Pontoons designed to handle impact loads of larger vessels.
- 3 Two line-marked queuing lanes for smoother boat queuing and launching.
- 4 Dedicated line-marked through lane to reduce congestion of circulating vehicles.
- 5 Dedicated boat rigging lane on approach.
- 6 Improved vehicle circulation and line marking within the carpark and dedicated through lane.
- 7 Improvement of the boat engine flush facility with Water Sensitive Urban Design (WUSD) pollution control in new water treatment wetland.
- 8 Two short-stay bays.
- 9 Provision of 33 formalised Boat and Trailer parking spaces. Use of permeable brick surfaces to protect the Swan Bay environment. Concrete kerb dividing bay ends. (Total 89 Boat and Trailer parking spaces).
- 10 Inclusion of a non-powered watercraft (kayaks/canoes) launch facility in shallow area and off-loading short-stay bay.
- 11 Create safer trail links and new dedicated pathways for pedestrians.
- 12 Improvement of the surface grip and safety of the launch ramps with grooved surfaces.
- 13 Improved water depth markers.

- 14 Potential area for provision of single vehicle carparking for the use of the Bellarine Railway staff with gated access road, turning circle and pedestrian link (no public parking).
- 15 Additional landscaping improvements in carpark.
- 16 Web cameras to be retained/ upgraded for BoatingVic.
- 17 Improved signage and line-marking.
- 18 Improved Coast Guard access.
- 19 Location of current pontoons to be spaced further apart for improved launch and retrieval.
- 20 Walking access from ramps to pontoons. Boat friendly wharf fenders to edge of abutment between ramp and pontoon to allow small boats to be tied up during launch procedures.
- 21 BTU access only sign (no car parking)
- 22 'No standing' in through lane.
- 23 Boat and trailer tie down bay.
- 24 Sand coloured asphalt surface.
- 25 Install 'boating etiquette' signs at ramp.
- 26 Kayak off-loading bay.
- 27 Open grass area.

Location of potential fish cleaning station to be determined by the Victorian Fishing Authority.

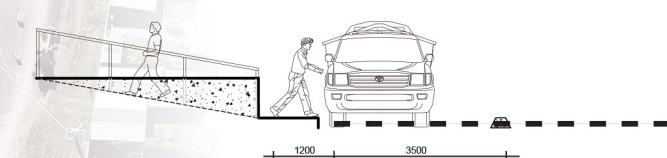
Swan Bay

Swan Bay



OVERALL DESIGN OBJECTIVES

- Provision of additional formalised Boat and Trailer parking in overflow area.
- Improve launch and retrieval times with addition of a new boat ramp lane (total 3 lanes).
- Improve ramp access and boat movement with new widened and lengthened pontoons.
- Dredging of ramp approach and side areas for increased depth and easier boats use of both sides of pontoons for increased retrieval capacity and efficiency.
- Improve safety of all users with defined circulation lanes and improved pedestrian access.
- Improved protection of Swan Bay's sensitive environment with treatment of carpark flows.



A Typical cross section through boat ramp and walking access path
Scale 1:80



B Concrete kerb dividing bay detail
Scale 1:80

DRAWING KEY

- Proposed grey coloured asphalt
- Proposed sand coloured asphalt
- Proposed concrete
- Proposed permeable paving
- Proposed grass
- Proposed garden bed
- Proposed wetland
- Proposed shared trail/ pathway
- Proposed FRP mesh
- Proposed post and rail
- Proposed vehicular gates
- Existing trees

THOMPSON BERRILL LANDSCAPE DESIGN IP/L