



Mooloolaba Walk & Ride Bridge

SUNSHINE COAST COUNCIL | MOOLOOLABA QLD

Expanding our geographical reach, Alder Constructions completed a flagship project for Sunshine Coast Council as part of their Active Transport Plan, encouraging the community to walk and cycle for enjoyment and transport via active transport infrastructure.

Stage 5 of the Mooloolaba to Minyama Separated Bikeway saw the construction of a 3no. span, 66m long pedestrian and bicycle bridge across the environmentally sensitive marine area of Mayes Canal, providing a key piece of infrastructure improving access and safety for cyclists and pedestrian and reducing traffic congestion.



2019 IPWEAQ EXCELLENCE
AWARD WINNER



PROJECT VALUE:

\$5.4m

SECTOR:

**CIVIL // BRIDGES & MARINE
INFRASTRUCTURE**

DELIVERY MODEL:

CONSTRUCT ONLY

PROJECT HIGHLIGHTS

- Located amongst residential properties, holiday units and proximity to the commercial precinct, meant careful consideration and planning were required to ensure minimal impact to the community.
- Piling works were originally planned via barge, but we worked with Council to effectively deliver piling from rock bunds while minimising environmental impacts on the canal and mitigating flood and safety risk.
- 3 span concrete reinforced bridge over water. 5m wide x 66m long bridge with concrete shared (pedestrian/ cycle) path approaches.
- 130m of stainless steel architectural balustrading and approx. 70m of stainless steel handrail.
- Architectural pre-cast concrete parapets with intricate changing wave panels. Architectural feature 'smart' lighting that changes colours and timing patterns.
- 100 lineal metres of stone pitched revetment wall along beach and parklands.