

case study



It was full steam ahead when it came to asphaltting for Spirit of Tasmania's new home in Geelong.



Located at Corio Quay, north of Geelong, construction of Spirit of Tasmania Quay involved extensive construction works.

It included rehabilitation works along Corio Quay Road, construction of new berthing and mooring infrastructure, civil works inside the port boundary and construction of the new passenger terminal all the way to the water's edge. It's a 12-hectare terminal and freight facility. It has a vehicle marshalling area for 600 cars, a parking area for 150 semi-trailers, and a 24/7 freight yard.

The rehabilitation along Corio Quay Road upgrade was constructed through Fulton Hogan's South West Alliance program, and there was over 10,000 tonne of asphalt placed to upgrade the roads leading to the new port terminal.

We were thrilled to be selected by BMD Constructions as their partner of choice for the asphalt works on such a high profile project in the Geelong region. The project required us to work closely with BMD, as one of the three principal contractors.

The project had over 31,000 tonnes of asphalt to be laid. It required 92 asphalt crew shifts which started in April 2022 for the early areas. Then the project ramped up which involved a crew on site full-time from the start of July, then right up until five days before the first passenger boat docked on 23rd October 2022.

The works program was the key driver in this project. The finish date was fixed to have the facility ready for the first boat to arrive. Through great communication with BMD, we made sure we were using the asphalt crew in the most productive part of the project, every day!

"The bulk of work was initially planned for July and August, however some areas were ready for asphalt earlier than this. We had to consider how productive we could be in the early stages of the project.

We worked a lot of weekends early in the project to service this while keeping up with the planned workload through the week," said Sean Cavanagh, Fulton Hogan's Project Manager - Surfacing.

"In collaboration with BMD, we identified an opportunity to change a pavement design to enable the asphalt team to improve productivity and quality, while saving our client money," said Sean.

All mix delivered to this project was mixed to the Level 2 Reclaimed Asphalt Pavement (RAP) content which is the maximum permissible under the Department of Transport's specification. This meant we used 9,300 tonnes of RAP in this project.

We even took advantage of an opportunity to complete a section of the work under a giant shed (30x170m in size) for a day while it was bucketing

rain, to protect the workers and pavement from the weather. A great example of making it happen despite the reality of the wet weather.

"I reached out to Fulton Hogan on the back of great performance and working relationship on the Hallam Road Upgrade project in Melbourne's south east," said Corey Briffa, Project Manager at BMD Constructions.

"Given the Spirit of Tasmania project had to contend with a number of challenges, including the emergence of COVID-19 and majority of placement scheduled through winter, I needed an asphalt contractor that I could trust to deliver a quality product on time."

"Fulton Hogan performed brilliantly on the project, were adaptable to change, collaborative with our engineers and foreman, and provided a high quality finished product. I look forward to working with Fulton Hogan again on the next project," said Corey.

