The past couple of months have seen major changes occur throughout the project area and some significant milestones achieved.

One of these milestones was the installation of bridge beams at the Mitchell Freeway/Hester Avenue and Mitchell Freeway/Neerabup Road interchanges. With the beams in place and construction of the bridge decks well underway, the interchanges are rapidly taking shape. Once complete, the interchanges will provide free-flowing access to and from the new freeway extension.

Also taking shape is the pedestrian underpass at Currambine Station. Across the June long weekend, 13 concrete culverts, each weighing 10 tonnes, were lifted onto reinforced footings to form the underpass. The underpass will travel underneath the extended freeway, providing safe access to the train station.

Earthworks to back-fill the underpass and the surrounding Mitchell Freeway/Burns Beach Road interchange are nearing completion. Installation of support wall structures and piers are well underway in preparation for the lifting of bridge beams in the coming months. Focus will soon shift to constructing the Principal Shared Path and the bridge deck.

Along the west-side of the main freeway alignment, the limestone noise wall installation is now complete, marking another milestone for the project. Construction of concrete panel noise walls will continue at required locations south of Burns Beach Road and on the east-side of the main freeway alignment.

On Wanneroo Road, motorists may notice some road layout changes. Traffic will be temporarily relocated onto the newly constructed northbound carriageway. Due to the relocation, space will be available to progress construction of the southbound carriageway. Further road layout changes will take place across the coming months.

Mitchell Freeway Extension is a $236 million project funded by the Australian ($189 million) and West Australian ($47 million) Governments and will support the continued commercial and residential growth in Perth’s northern suburbs.
BEAM INSTALLATIONS A SUCCESS

The bridge beams for two of the three major interchanges being constructed as part of the Mitchell Freeway Extension: Burns Beach Road to Hester Avenue project are now in place.

Eighteen precast concrete beams were recently lifted into position at the Mitchell Freeway/Hester Avenue interchange and 12 at the Mitchell Freeway/Neerabup Road interchange.

The beams were installed across one weekend per interchange as part of a carefully detailed process put in place to comply with rail safety regulations.

Train services north of Joondalup Station were temporarily ceased to allow each beam, weighing up to 90 tonnes each, to be placed into position above the train line.

Two 500 tonne cranes were used to carry out the installation work.

The remaining 24 beams are expected to be installed at the Mitchell Freeway/Burns Beach Road interchange by September 2016.

Temporary road closures will be required to facilitate the safe installation of beams at the Mitchell Freeway/Burns Beach Road bridge. More information on these closures will be available closer to the date.

One beam can weigh as much as the average blue whale.
IN FOCUS:
WANNEROO ROAD UPGRADES

Upgrade works along Wanneroo Road between Flynn Drive and Hall Road are in full swing.

These works include:
• widening to two lanes in each direction between Flynn Drive and Hall Road
• constructing the new Wanneroo Road/Neerabup Road/Flynn Drive intersection
• installing three fauna underpasses
• reusing the original Wanneroo Road as a service road for adjacent properties.

Temporary traffic changes, including a reduced speed limit and road layout changes, will be in place along Wanneroo Road until late 2016.
We encourage road users to take care when travelling through the area and follow all traffic management in place.

We encourage road users to take care when travelling through the area and follow all traffic management in place.
A WA FIRST: RECYCLED HIGHWAY BASE

The use of glass fines on a highway specification road is being trialled for the first time in Western Australia as part of the Mitchell Freeway Extension: Burns Beach Road to Hester Avenue project.

Glass fines are created during the glass recycling process, which creates portions of crushed glass (glass fines) that are unsuitable for remanufacturing.

The use of glass fines and other recycled materials in road building helps to reduce environmental impact by reducing landfill and energy from the production of pavement materials.

This project will incorporate a 15 percent mix of glass fines into the road sub-base along a 100 metre strip of Wanneroo Road for trial purposes.

Specialists will undertake testing on the strip over a period of time to monitor its performance and compliance with road standards.

The trial reflects one of the project’s key objectives to deliver the upgrades using a sustainable approach.

The trial will also enable the project to achieve a design and construction accreditation from the Infrastructure Sustainability Council of Australia.

It is hoped that the trial will encourage a greater use of recycled materials in standard construction practices across the industry.

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REGISTRATION FOR PROJECT UPDATES

Want the latest project news delivered straight to your inbox? Register for updates at MFEenquiries@cpbcon.com.au.

FURTHER INFORMATION

If you would like to know more about the Mitchell Freeway Extension, please visit the project page at mainroads.wa.gov.au.

CONTACT US

If you have a question about the project you are welcome to contact us on:
Call 1800 883 402
Email MFEenquiries@cpbcon.com.au

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Glass fines will be incorporated into the sub-base of Wanneroo Road.