

Unlocking the Johnsonville Triangle

Project Update 3

6 October 2014

The new Broderick Road bridge

As part of the work we're doing to make getting into and around Johnsonville easier, you'll be aware we are building a new four-lane bridge over the railway lines in Broderick Road.

It's being built one half at a time so you can continue to use it while the work happens and we can hopefully keep disruption to a minimum. The first half is under way and we're making good progress. The area around the Moorefield Road/Broderick Road intersection is the only place where we will be working this side of Christmas.

The new bridge will be wider than the existing one with footpaths and cycle lanes on each side and four traffic lanes – three at first and a fourth later on. It will also have a longer span to cater for possible future rail improvements. It's going to be in place for a long time and at some stage, as the number of people living in the suburb grows, two train lines may be needed at Johnsonville Station. It's more cost effective to do it now than have to extend it or build a bigger bridge later on.

What's happened since the last update?

- We've set up our site office behind Richard's Motorcycle Services on Broderick Road adjacent to where we are building the new bridge. Work started below Moorefield Road, where we have built a temporary retaining wall.
- We excavated part of the bank next to the railway line on the Moorefield Road side to create enough space to bring in the piling rig – the tall crane-like machine used to drill and place the piles for the new bridge.
- We then did some clearance work on the bank on the other side of the bridge adjacent to the site office.
- Last week we completed the last of the four piles for the first half of the bridge. There are two on each side about 16 metres deep.
- Off-site, in Fletchers' yard in Grenada North, work is under way to make the more than 600 exposed aggregate concrete panels for the permanent new retaining walls. Nineteen pre-cast concrete bridge beams are being made in Otaki for the deck of the bridge.
- We've had four community liaison group meetings so far. One of the hot topics has been how to provide some cycling improvements on Johnsonville Road. See below (cycle lanes) for more info on this.

What we will be doing between now and mid-November

- The two bridge supports (abutments) at each end are being built. You'll see scaffolding going up for the workers to stand on as they build the temporary steel and plywood boxes that will give the abutments their shape. The boxes – or shuttering – will be filled with reinforcing steel and concrete and will stay in place until the concrete hardens.
- Out on the street, we'll be digging trenches in sections across the intersection of Moorefield and Broderick roads – so expect delays at times. New water and sewer pipes will be laid across the intersection to the bridge.

- We're also putting in a new 600mm stormwater pipe to take the run-off from the new artificial sportsfield and provide extra capacity for the future. This will go across the intersection, down the middle of Moorefield Road and into the driveway near Countdown.
- The work on the road will take about three weeks and is expected to start in mid-October. We'll do as much as possible between 9am–3.30pm to minimise disruption.

Opportunity to take a closer look and find out more

In the first weekend of November, the bridge beams will be craned into position so we can start building the road on top. We're planning to open the area around the site office to the public on Saturday 1 November, 10am–2pm, so people who like big machines and seeing how things are built can come down, take a closer look and find out more about the project.

KiwiRail has a planned shut-down over this weekend so trains will only go as far as Khandallah Station. Check Metlink.org.nz for information.

Cycle lanes

We had feedback earlier in the year that people wanted more improvements for cyclists. In response, we initially proposed removing the median lane along Johnsonville Road to provide space for cycle lanes. However, the community liaison group thought this would make life too difficult for people wanting to turn into businesses off Johnsonville Road so we are looking at other proposals that retain the median strip but still offer some improvements for cyclists.

We would be interested in your views on how much should be done for people who cycle – or would cycle if it was safer – and whether some parking could be removed to achieve this. Email us at johnsonvilleroads@wcc.govt.nz

To find out more

There's lots of information about the project on our website Wellington.govt.nz/jvilleroads including maps showing what's planned.

If you have any questions about the project, or decide you don't want to receive any more updates from us, please email johnsonvilleroads@wcc.govt.nz

Scroll down to see the project timeline.

