

Unlocking the Johnsonville triangle

Project Update 4
28 November 2014

Progress on two fronts

The Johnsonville roading improvements, which are all about reducing congestion and making it easier to get into and around the suburb's busy shopping centre, are going well.

The long deck beams for the first half of the new bridge over the railway line were successfully craned into place at the beginning of November. The next big milestones are the demolition of the old bridge between 26 December and 11 January – when buses will replace trains and part of Broderick Road will be closed to traffic – and the opening of the new section of bridge by Monday 12 January.

Once the old bridge is gone and the first half of the new one is in operation, the construction team will start work on the second half of the bridge – putting in piles, constructing the bridge supports (abutments), craning on the remaining deck beams and connecting the two halves. It will be about June next year before work in and around the bridge and intersection of Moorefield and Broderick roads is complete.

Until Christmas, all the construction work will be in this area. However, from early next year there will also be work happening as you come off the highway and into Johnsonville from the south.

We expect to start work to create the extra lane on the SH1 off-ramp from mid-January. As you're driving or cycling from Wellington, you'll notice cones and activity on your right as you drive off the motorway and into the suburb. Please take care.

The speed limit on the off-ramp will be reduced to 50 km/h for some months while the work happens. It may take a bit longer to get off the motorway at times, but please bear with us. When the second lane is finished, it is expected to significantly improve the current situation.

What's happened since the last update?

- We held our fifth community liaison group meeting at the end of October.
- The two reinforced concrete abutments or bridge supports were constructed on either side of the railway line next to the existing Broderick Road bridge.
- We opened the area around the site office on Saturday 1 November so people could drop by, find out more about the project and watch the bridge beams for the first half of the bridge being craned into position.
- Work has continued on the bridge deck, including foundation work for the barriers and making preparations for the services that need to go across it (water, power, sewage, telecommunications and gas).
- The footings for the new retaining wall below Moorefield Road opposite the railway station platform are in and we've started putting up the pre-cast wall panels. This wall – the largest of four going up near the bridge – will help support an extra traffic lane above, which will provide a new left-turn lane onto the bridge.
- Good progress is also being made on the new retaining wall on the other side of the railway line behind Richard's Motorcycle Services. Climbing rata will be planted at the base of all the retaining walls when they are finished to help landscape the area.

- We've removed some trees and begun reshaping the bank below Alex Moore Park. This work is part of creating the new 3m wide shared walking and cycle path along the west side of Moorefield Road which will extend from the Middleton Road roundabout, past the pool and community centre to Onslow College and Raroa Intermediate School. The bank is being hydro-seeded and will have native plants on top.
- Earthworks on the corner of Alex Moore Park started in mid-November and will take about a month but the new path won't be available for some months as we will need to temporarily use the extra space as a traffic lane while we build a retaining wall on the other side of the road.

What we will be doing between now and mid-January

- The most significant thing is the demolition of the old bridge. We need to get this done while the train line is closed and traffic is light. You'll still be able to get from Broderick Road into Gothic Street, the mall car park, Bould Street, Takatimu Way, and to all businesses in the area. But the Moorefield Road-end of Broderick Road will be closed for two weeks from Saturday 27 December until the new section of bridge opens by Monday 12 January. You'll need to get to Moorefield Road via Johnsonville Road or another route.
- Demolishing a bridge isn't something we do very often. It will be noisy and may also be dusty – particularly if it is windy. You can also expect to see lots of trucks laden with concrete heading for the Southern Landfill via Broderick and Johnsonville roads. Work hours will be Monday to Saturday, 7am to 7pm, with the possibility of some night and Sunday work.
- Between now and then, there will be a lot going on in Moorefield Road so expect delays at times in this area. The construction of the new left-turn lane onto the bridge from Moorefield Road, which has to be in place before the new section opens in January, could cause disruption at times.
- Trenching and other work to run new pipes and ducting across the intersection to the bridge is continuing. Services are either going through the deck of the bridge or being attached to it.
- We also still have to put in the new 600mm stormwater pipe to take the run-off from the new artificial sportsfield and provide extra capacity for the future, work we had hoped to have done by now. This will go across the intersection, down the middle of Moorefield Road and under the railway tracks.
- We'll also be continuing to work in the area below Alex Moore Park where the new shared path will be created (see previous section for more info).
- As mentioned earlier, work will also get under way in the Fraser Avenue area to create a second lane on the highway off-ramp from mid-January.

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. These are also on display in the mall.

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

For information on train services and line closures, go to www.metlink.org.nz

Scroll down to see the project timeline.

**Mid-
November –
Christmas
2014**

- Bridge construction continues.
- Work to build up the ground alongside Moorefield Road to create room for a new left-turn lane begins – expect more construction traffic in this vicinity.
- Reshaping of the bank on the Alex Moore Park corner to widen Moorefield Road – expect lane closures.

**Christmas –
late January
2015**

- New section of bridge due to open by 12 January.
- Buses replace trains from 26 December – 11 January.
- The old bridge is demolished from 27 December - expect noise, dust and vibrations during the daytime.
- Broderick Road will be closed between Moorefield Road and Bould Street from 27 December – 11 January - please use alternative routes.
- 26 December – March 2015: new retaining wall on Takatimu Way under construction – expect trucks along part of the road.
- Work to widen and create a second lane on the Johnsonville motorway off-ramp will begin in mid-January – expect delays during off-peak traffic times.

**Late
January –
late March
2015**

- Work on the second half of the new bridge continues.
- Motorway off-ramp widening work continues until about March.
- Intersection changes and installation of new traffic lights at Fraser Avenue.
- Work in Takatimu Way continues – expect trucks along part of the road.
- Intersection changes and installation of new traffic lights at Gothic Street.

**March –
June 2015**

- Signal works at Johnsonville and Broderick roads.
- Upgrade of street and crossings along Johnsonville Road.
- Pedestrian and cycle improvements to provide a bypass at the roundabouts.

**Late June
2015**

- Bridge and intersection work complete.

**September
2015**

- All other work complete.