

NEWCASTLE INNER CITY BYPASS: RANKIN PARK TO JESMOND
ENVIRONMENTAL REPRESENTATIVE MONTHLY REPORT
July 2020

Reporting Period: 1 to 31 July 2020

PROJECT SUMMARY: Delivery of the Newcastle Inner City Bypass (NICB) Rankin Park to Jesmond (RP2J) project has been broken into four stages:

Stage 1: Detailed design investigation and low impact works – in progress

Stage 2: Share Path Bridge – under construction

Stage 3: Southern Utilities relocation works – detailed design

Stage 4: Main RP2J road construction – detailed design.

Works underway:

- Stage 1: No work in July
- Stage 2: Daracon is constructing Bridge 7 - Shared Path Bridge.

July 2020 Completed Works:

Low Impact Works

- No low impact works.

Shared Path Bridge

- North Side:
 - Concrete retaining wall complete and 80% backfilled
 - Concrete piers complete
 - Load out VENM to Kooragang
 - Abutment and elevated ramp to commence shortly.
- South Side
 - FRP of abutment ongoing
 - Elevated ramp structure commenced.
- Main Span
 - Steel fabrication ongoing.



August 2020 Upcoming Works:

Low Impact Works

- No low impact works.

Shared Path Bridge

- Continue construction of both abutments
- Commencement of elevated ramp (deck) construction
- Continue fabrication of steel tied arch and balustrades
- Compound G Stockpile management – reshape and stabilise.
- Barrier Relocation Wed 5th August – OOHW Application NO. 11.

ER Activity:

Reviews/Approvals/Advice

- OOHW Application No. 11 (Barrier Relocation) – Review and approve
- Post Approval Tracking Register – Review
- OOHW Protocol (Rev 5) – Review and endorse
- OOHW Register Forecast – Review
- Low Impact Work (House Demolition) – Review and approve.

Inspections

- An inspection was held on 1 July 2020 with the ER, TfNSW and Daracon prior to the monthly site meeting
- An ER inspection report was issued to TfNSW and Daracon.

Environmental Group Meetings / Site Meetings

- A meeting was held on 1 July with TfNSW, DPIE and the ER
- ERGs will not be held for the Shared Path Bridge or Low Impact Works; however, inspections and project briefing meetings will be undertaken monthly.

Audits

- There were no ER audits held in July.

Stop Work Notices

- There were no Stop Work Notices in July.



Incidents

- There were three incidents recorded in July 2020. These were assessed and recorded pursuant to the TfNSW Incident Classification and Reporting Procedure. According to this procedure, none were determined to present a risk of actual or potential harm to the environment. It is considered this is consistent with the notification requirements under MCoA A37.

10 July 2020 – Diesel Spill

Whilst undertaking concrete pouring works at piers 4 and 5, a hydrocarbon spill of about one to two litres was observed on the road at the intersection of Coles Street and Steel Street. The SWMS provided by the subcontractor undertaking the task was reviewed by Daracon following the incident. It was identified that the use of diesel for priming the concrete pump line and implementation of environmental controls to contain any spill during this process (in the event one occurred), was not included within the SWMS. The exclusion of the use of diesel for this task within the SWMS, was a contributing factor to the incident. The subcontractor has revised the documentation and will provide adequate environmental controls during the task to check for and capture any leaks. The spill was contained and cleaned up at the time and contained wholly to site. Daracon has completed a Toolbox Talk with regards to the incident.

11 to 15 July 2020 – Rain Event

A significant rainfall event resulted in damage to ERSED controls. During repairs of these controls, it was observed that less than 1000 litres of turbid construction waters were exiting the project site. The site received approximately 49.8 mm of rainfall from 11-15 July. This event exceeds the project design rainfall parameters of a five-day 80th percentile of 30.5 mm. This event is outside the scope of reasonable environmental controls and mitigation measures. The existing control (double isolation on the subject portion of road drainage system) was immediately re-installed. A subsequent site inspection was undertaken with Daracon and TfNSW to further investigate the issue. Rectification measures and marked up plan, detailing control measures to prevent recurrence of this incident have been detailed within a subsequent email on the 17 July 2020.

28 to 28 July 2020 – Rain Event

Whilst inspecting the site following significant rainfall during the weekend, it was observed that construction waters and sediment had mobilised off site. It must be noted that the site received 200.4 mm of rainfall between the period 26-28 July. The rainfall event exceeds the project design rainfall parameters of a five-day 80th percentile - 30.5 mm rainfall event. Immediate action included a site inspection by the project team and remediation of mobilised sediments. Environmental controls were inspected and repaired where required. Environmental inspections pre and post significant rainfall events (>10mm as per the requirements of the QA specification) will continue to identify and implement environmental controls prior to significant rainfall events.

CEMP, CEMPP & Minister's Conditions of Approval

- None in July.

Monitoring

- No monitoring is required for the SPB or low impact works.



Community Consultation and Complaints

- Complaint regarding construction vehicles being parked too close to driveways on Kiah Avenue. Site team has tool-boxed the staff that construction vehicles are to park at least two metres clear of residential driveways.
- Communications has been undertaken with Coles Street residents on the impact of partial road closures for concrete pours and deliveries. This has been well received with no issues raised.
- A community update regarding the main bypass was published on the project website on Monday 6 July. A postcard acknowledging the publication was distributed to about 15,000 surrounding residents in early July.
- An email regarding the update was distributed to registered community members and stakeholders.
- Direct contact via letterbox drop or email was made with residents on Lookout Road, nearby to the southern interchange site to advise of the design changes published in the community update.
- About 20 enquiries were received from community members following the publication of the community update. The majority were via email and replied to in July. A number are outstanding and will be responded to in early August.

Project Positives

- Three 25,000L tanks procured and set up to capture and manage construction/storm water
- Newcastle Road RCP stormwater now online
- Sandstone retaining wall alternative design accepted delivering cost savings to both parties and improving constructability
- Site held up well after two significant rainfall events
- Works are now well and truly out of the ground with the commencement of constructing the superstructure.



Simon Williams
NICB RP2J Environmental Representative

Director
GeoLINK



Site Images – Stage 2 Shared Path Bridge, Jesmond



Image 1: Project Site, Cnr of Newcastle Road and Robinson Avenue



Image 2: Southern Bridge Pier



Image 3: Retaining Wall, Newcastle Road (1)



Image 4: Retaining Wall, Newcastle Road (2)

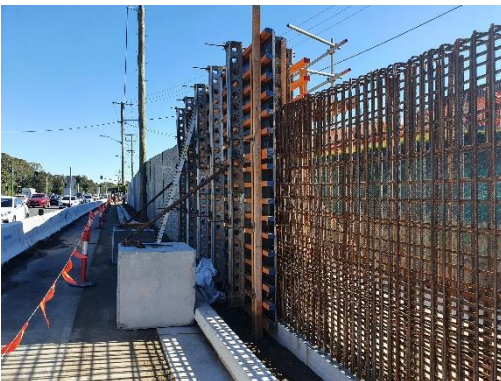


Image 5: Retaining Wall, Newcastle Road (3)



Image 6: Coles Street

