



NEWCASTLE INNER CITY BYPASS: RANKIN PARK TO JESMOND (SSI-6888)
ENVIRONMENTAL REPRESENTATIVE MONTHLY REPORT
May 2024

Reporting Period: 1 to 31 May 2024.

This Environmental Representative (ER) Monthly Report is prepared in accordance with the Minister's Condition of Approval A26(k) for the Newcastle Inner City Bypass: Rankin Park to Jesmond (SSI-6888) and is consistent with the Environmental Representative Protocol (October 2018).



Photo: Aerial photo looking south

PROJECT SUMMARY

Delivery of a 3.4km section of the Newcastle Inner City Bypass (NICB) which will be built between Rankin Park to Jesmond (RP2J) and to the west of the John Hunter Hospital.

The Rankin Park to Jesmond project is the fifth section of the NICB, which forms part of the Transport for NSW long term strategy to connect the Pacific Highway between Bennetts Green and Sandgate.

The project has been broken into four stages:

Stage 1: Detailed design investigations (geotechnical and utility investigations) and low impact works (house demolition, heritage investigations, at-house noise treatment works, access, installation of environmental controls).

Stage 2: Shared Path Bridge.

Stage 3: Southern Interchange Utilities relocation works.

Stage 4: Main RP2J road construction.



PROJECT WORKS SUMMARY

- Stage 1: Low Impact Works including, House Demolition which was completed June 2021.
- Stage 2: Shared Path Bridge was completed March 2021.
- Stage 3: Southern Interchange Utility Relocation works were completed in August 2022.
- Stage 4: Main construction works underway, commenced March 2023.
At House Noise Treatment (AHNT) consultation and implementation commenced March 2022.

May 2024 Completed Works

The following is a summary of the works broken down into sub projects.

At House Noise Treatment Works

- Round 1 properties: completed
- Round 2 properties:
 - 11 properties completed in May
 - 59 of 100 properties completed

Main Construction

- Installation and maintenance of ERSED controls including in waterways for culvert installation.
- Traffic and pedestrian pathway realignment and diversions.
- Earthworks including all interchanges along with the mainline.
- Utilities installation works, including drainage.
- Dark Creek culvert temporary crossing and construction.
- Bridge structures including piling, excavation, concrete pours and superstructure.
- Progressive revegetation/ landscaping including shotcreting, batter stabilisation, installation of final landscape design.
- Blasting
- Installation of bridge girders

OOHW works:

- Northern interchange:
 - Barrier installation, line-marking, pavement (traffic staging).
 - Concrete works.
 - Utilities and drainage
 - Delivery and installation of precast structures including bridge girders.
- Southern interchange:
 - Hauling material between southern interchange and mainline.
 - Utilities.
 - Bridge 1 concrete works.



June 2024 Upcoming Works

The following is a summary of the works broken down into sub projects:

At House Noise Treatment Work

- Round 1 properties: completed
- Round 2 properties:
 - 10 additional properties expected to be completed

Main Construction

- Installation and maintenance of ERSED controls including in waterways for culvert installation.
- Traffic and pedestrian pathway realignment and diversions.
- Earthworks including all interchanges along with the mainline.
- Utilities installation works, including drainage.
- Dark Creek culvert temporary crossing and construction.
- Bridge structures including piling, excavation, concrete pours and superstructure.
- Progressive revegetation/ landscaping including shotcreting, batter stabilisation, installation of final landscape design.
- Blasting
- Installation of bridge girders

Scheduled OOH Works:

- Northern interchange:
 - Barrier installation, line-marking, pavement (traffic staging).
 - Concrete works.
 - Utilities and drainage
 - Delivery and installation of precast structures including bridge girders.
- Southern interchange:
 - Hauling material between southern interchange and mainline.
 - Utilities.
 - Bridge 1 concrete works.

ER Activity:

Reviews/ Approvals/ Advice/ Meetings

- A38 30 Day Report – Prevention Notice and Rainfall Event: Review
- E63 Traffic and Pedestrian Impact Assessment and Dilapidation Report, Marshall Street: Review
- Blast Management Strategy Rev 5: Review
- Post Approval Tracking Register – April 2024: Review.
- Monthly Newsletter and Three Month Look Ahead: Review.
- Community Notices / Out of Hours Updates: Review.
- ERG Monthly Inspection and Meeting No.19 – Tuesday 7 May: Agenda and Minutes.
- Fortnightly Environment and Sustainability Team Meeting with FHC, TfNSW and ER.
- Monthly DPHI meeting with TfNSW, FHC and ER.
- Monthly ER Meeting with DPHI (Post Approval and Compliance).



Inspections

- Site inspections were held on:
 - ERG site inspection on Tuesday 7 May.
 - ER and TfNSW inspection on Tuesday 21 May.
- Environmental Inspection Reports were prepared and issued through the TfNSW Ngarra system to FHC, TfNSW and forwarded to DPHI.

Environmental Review Group (ERG) Meeting

- The May ERG (No.19) meeting was held on Tuesday 7.
- The next ERG meeting No.20 is scheduled for Tuesday 4 June.

Audits

- There were no ER audits held in May 2024.
- No. 1 Independent Environmental Audit was undertaken in May 2023. All matters have been closed out.
- No. 2 Independent Environmental Audit will be undertaken in May 2024 with the site inspection undertaken on Tuesday 21. The audit report is currently being prepared.

Stop Work Notices

- There were no Stop Work Notices in May.

Incidents (as per MCoA definition)

There were no incidents in May

Non-compliances

There was one non-compliance in May.

- During May, a crane truck parked on Victory Parade prior to accessing the project site. Although the contractor was provided with a copy of the Vehicle Movement Plan, Victory Parade is not part of the approved heavy vehicle route for this project and hence this was a non-compliance.

Environmental Issues (i.e.: not classified as Incidents as per MCoA)

There were no environmental issues in May.

CEMP, CEMPP & Minister's Conditions of Approval

Reports

- MCoA A26(k): Environmental Representative Monthly Report (April 2024): submitted to DPHI (via Portal): 29 May 2024 (late lodgement due to a technical error)



Monitoring

- Monthly noise monitoring as per NVMP did not exceed NML's.
- Water quality monitoring was undertaken pursuant to the SGWCMP during the month. The laboratory results were not available at the time of reporting. Field monitoring did not present any anomalies.
- Dust gauges were changed on 3 June, the rolling averages are all below the criteria of 4.

Community Consultation and Complaints

Community consultation

There were 57 events recorded in Consultation Manager – interactions with stakeholders.

- 57 x 1800 calls, emails, meetings, and door knocks, including; Feedback forms (check in for five nights – requirement in EPL), project information, project updates, dirt on road, design of water ways, 4th and 5th production blast, vibration, property damage, utilities work

Regular interactions

- JHHIP, AAP, Multiplex – notification of 2 x upcoming production blasts, SMS messages at commencement, during and on completion of the blasting
- City of Newcastle and Lake Macquarie Council – production blasts, detours for asphalt works and Super T Girder lift
- Keilos Downer – detours for asphalt works and Super T Girder
- John Hunter Hospital and NSW Health Services – monthly meeting with FH and TfNSW
- Weekly FH and TfNSW meetings.

Collateral

- OOHW notification and three month look ahead May to July – printing and currently being distributed
- 2 x low impact controlled blasting slip notes distributed

Complaints x 8 (6 x complaints from the same stakeholder)

- 5 x dirt on local road
- 2 x Property damage
- 1 x street sweeper not using brushes, crane access on local road

Trends

- Low impact controlled blasting questions
- Temporary detours of Newcastle Road north and east bound for Super T Girder Lift
-
- Project design

Summary of Issues and Events

- 2 x low impact controlled production blasts
- 1 x Reconciliation smoking ceremony, cultural yarn and BBQ lunch

Upcoming Engagements

- Final girders lifted in Super T Girder Lift – 3 June
- Callaghan Junior School presentation – Term 2



Closing Remarks

The predominant works for the month of May mainly consist of earthworks, traffic diversions and road works, pilling and pouring bridge footings, installation of bridge girders, permanent landscaping, shotcreting batters, blasting, progressive ErSed control design and installation, and residential property noise treatment works.

Surface water management remains as the key environmental risk as the site has again experienced large amounts of rain 234mm for the month of May; the 2nd wettest May on record. Consequently, ErSed controls and management has been a focus for the site team with regular inspections, repairs and maintenance being undertaken to the various controls that are in place. Other ongoing matters include traffic controls and diversions and managing and communicating OOHWs with stakeholders. Newcastle Road bridge girders were installed during night works without incident which was, environmental speaking, handled well.

Blasting has continued at the site with no issues being noted at surrounding sensitive receivers including the John Hunter Hospital. Project blasting is scheduled to be completed by mid-June.

The site and surrounding areas continue to receive periodic rainfall events which is causing the site team to commit more than usual resources to this task over the last 2 to 3 months. As we approach winter, it is expected this will ease and the site can focus on permanent controls and landscaping. The project environmental team continue to be focus on managing the environmental matters as they arise and are diligent and proactive in this capacity.

RP2J Environmental Representative (as per MCoA A22)

Simon Williams
Principal Environmental Planner
Director
GeoLINK

Attachment: Site Images – May 2024



Site Images – May 2024



Image 1: Northern Interchange, looking northeast from the Jesmond compound at the entrance to the compound site from Newcastle Road.



Image 2: Northern Interchange, looking northeast from the Jesmond compound across to the Newcastle roundabout and the new bridge piers.



Image 3: Taken from the Jesmond compound looking east at the exit of the compound into the Mainline following a rainfall event.



Image 4: Victory parade entry/exit to the Jesmond Compound site.



Image 5: View looking east along Newcastle Road from Zone 1 (in front of McDonalds).



Image 6: View looking west along Newcastle Road from Zone 1 (in front of McDonalds).



Image 7: ErSed controls around Zone 1, which drains into Dark Creek (concrete culvert). View looking north (downstream).



Image 8: Image 7: ErSed controls around Zone 1, which drains into Dark Creek (concrete culvert). View looking south (upstream)



Image 9: Image of the 750 tonne crane lifting the girders for the bridge across Newcastle Road (Image 1)



Image 10: Image of the 750 tonne crane lifting the girders for the bridge across Newcastle Road (Image 2)

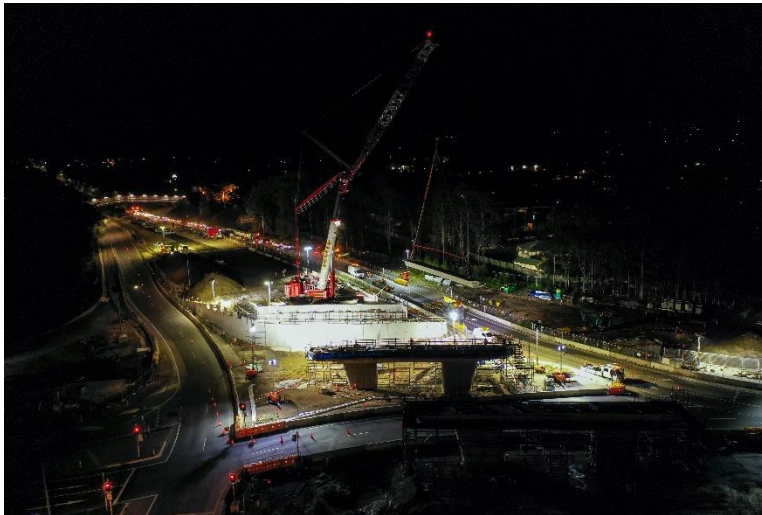


Image 11: Image of the 750 tonne crane lifting the girders for the bridge across Newcastle Road (Image 3)