

Christie Road Bridgeworks

Christie Road Bridge is a two span bridge that extends over the M2 Motorway at Macquarie Park. Currently there is an eastbound exit ramp from the motorway to Christie Road for traffic accessing Macquarie Park. A new eastbound on ramp from Christie Road to the M2 will be provided and the M2 will be widened at this location.

Work on and under Christie Road Bridge started in mid February 2011. The bridge will be lengthened to the south and widened to the west.

The existing rock slope at the northern abutment will be trimmed and supported by rock anchors to accommodate the widening of the eastbound carriageway. The southern span will be lengthened to accommodate the widening of the westbound carriageway underneath the bridge. The existing deck will be replaced and lengthened by shifting the southern abutment to the south.

Christie Road Bridge will be widened from three lanes to five lanes to accommodate additional traffic generated by the new eastbound on ramp. This will involve widening of the existing abutments and pier in the median and extending the deck.

Each span of the deck will be widened with the addition of bridge girders, removing the existing edge barrier, extending the deck and constructing a new edge barrier.



Christie Road Bridge over the M2

Q: Why does Christie Road Bridge need to be lengthened?

A: Christie Road Bridge will be lengthened to facilitate the widening of the M2 which runs underneath.

Q: Why does Christie Road Bridge need to be widened?

A: Christie Road Bridge will be widened to provide additional lanes for the new eastbound on ramp to the M2.

Q: How long will work at Christie Road Bridge take and when will work begin?

A: Work on Christie Road Bridge started in mid February 2011 and will be ongoing till mid 2012.

M2Upgrade project

A team consisting of The Roads and Traffic Authority of NSW, The Hills Motorway Limited and Hills Motorway Management Limited (as trustee of the Hills Motorway Trust)

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Live traffic: <http://www.livetrafficnsw.com.au/>

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Q: What impacts will the local community be likely to experience during construction?

A: Some initial impacts include:

- Partial closure of the M2 right hand lane westbound during off-peak periods to provide safe access for staff to the work area.
- Reduced speed limits – speed limits on the M2 in the vicinity of Christie Road Bridge will be reduced from 80km/h to 60km/h in both directions for the duration of the project.
- Partial closure on Christie Road Bridge of one lane northbound. Two way traffic will be maintained using the remaining two lanes
- Some noise and vibration may be experienced from the intermittent use of the following equipment both on and under Christie Road Bridge, including:
 - Jack hammers and concrete saws
 - Excavator mounted road breaker
 - Coring and piling rigs
 - Concrete equipment.

Q: Will there be any full closures of Christie Road Bridge during construction?

A: During construction, traffic will continue to use one northbound and one southbound lane for the duration of the project. Some full closures in off-peak periods may occur from time to time due to safety reasons. If this occurs, notifications will be provided and appropriate signage and traffic management put in place.

Q: Will pedestrian and cyclist access be closed?

A: Pedestrian and cyclist access will remain open on Christie Road Bridge during construction. If pedestrian access needs to be closed temporarily for safety and construction reasons, signs will be put in place to redirect pedestrians and cyclists accordingly.

Q: Was the community told about the need to undertake construction at Christie Road Bridge?

A: Yes. The need to widen the motorway at Christie Road Bridge was identified in the *M2 Upgrade Environmental Assessment* May 2010. Community information sessions were held in May, June and December 2010 and May 2011 to allow members of the community to discuss work at Christie Road with project staff.

Q: How will the local community be kept informed of future works?

A: Notification of work at Christie Road Bridge will be distributed to residents and businesses prior to work commencing and updated notifications will be provided when work impacts change. A separate notification will be provided to potentially affected residents with dates and details prior to the start of any night work.

