

Hills M2 Upgrade

March 2011

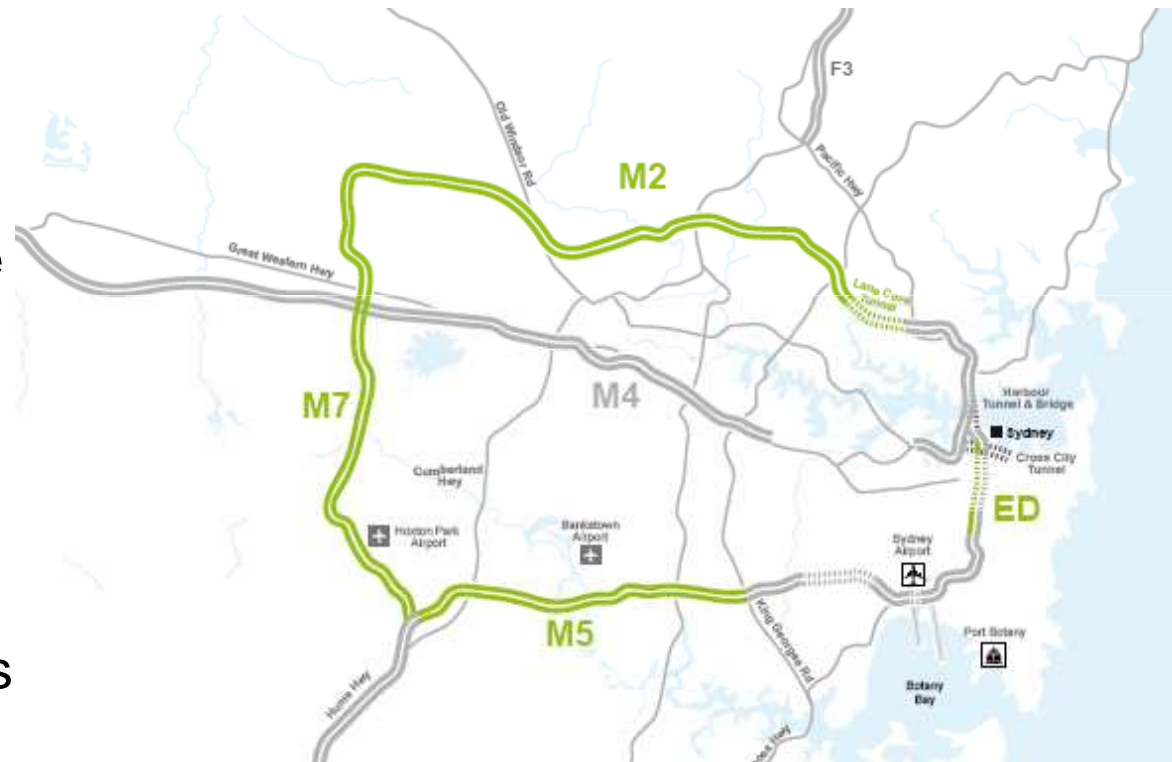
Hills M2



Overview

Background

- 21km motorway
- Part of Sydney's orbital ring road network, linking
 - Lower North Shore to NW Sydney
 - LCT and Westlink M7
- Typical use
 - 100,000+ vpd
 - 17,000 bus patrons
- Concession to 2042 (M2 Upgrade - 2046)

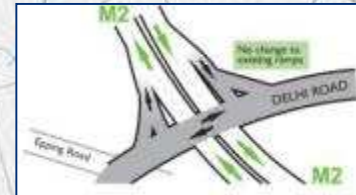
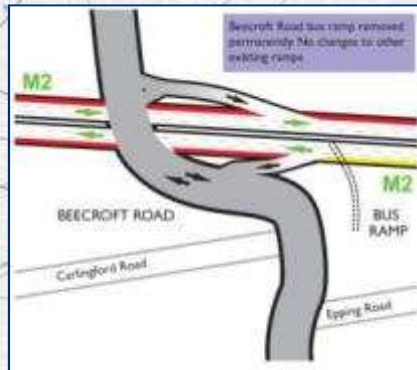
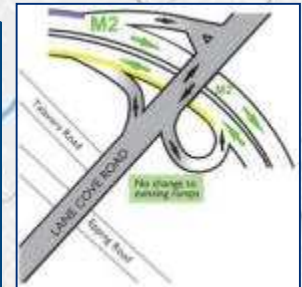
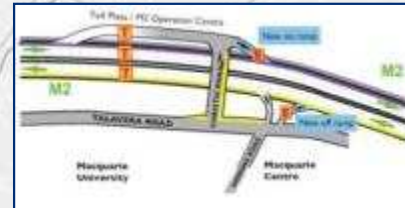
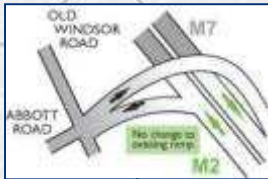
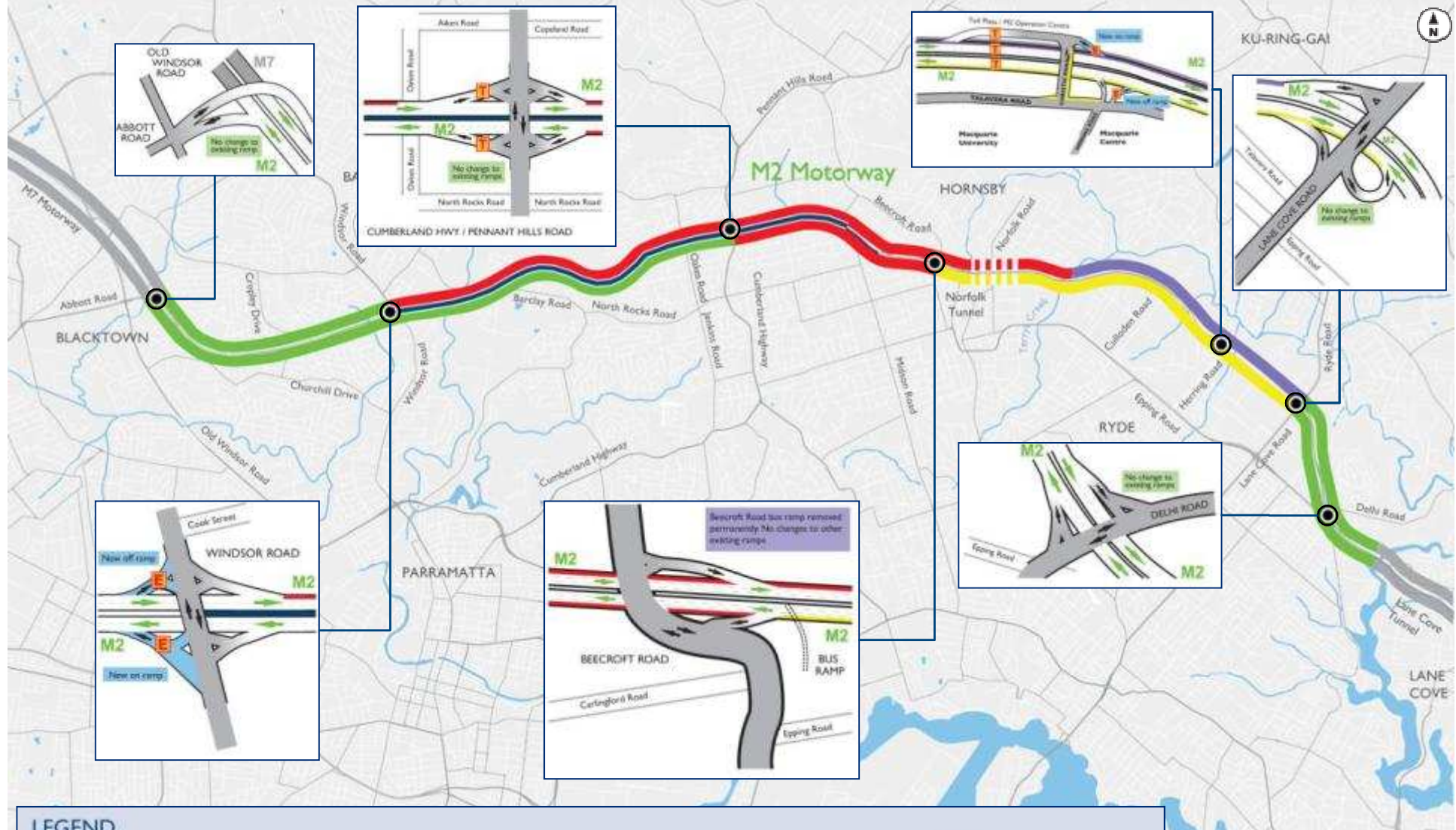


Transurban Operation

- **1997** – Motorway opened
- **2005** - 100% owned and managed by Transurban
- **2006** – introduction of Electronic Express Lanes at the toll plazas.
- **2007** - interim third westbound lane between Lane Cove Road and Beecroft Road.
- **2008** - negotiations to undertake M2 Upgrade announced
- **2010** - Upgrade approved
- **2011** – Upgrade construction
- **2013** – Upgrade completed



Scope

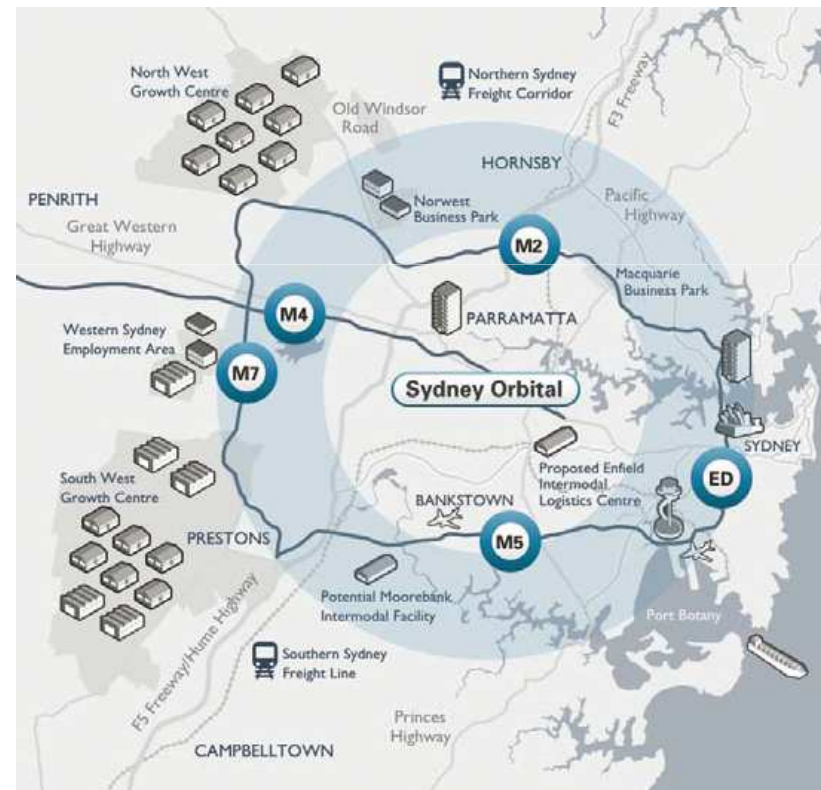


LEGEND

- █ Existing M2 Motorway
- █ Upgrade to three lanes with transit lane (T2)
- █ Upgrade to three lanes
- █ Upgrade lane widths
- █ Existing bus lane
- █ New ramps
- Interchange
- Toll plaza
- T Toll collection
- E Electronic toll collection

Hills M2 Upgrade - Project Benefits

- Reduce congestion during busy morning and afternoon periods.
- Restore a 100km/h speed limit along the westbound carriageway from Lane Cove Road to Beecroft Road.
- Provide new entry/exit points to improve access to the north west from Windsor Road and Sydney's growing residential and business centres in Macquarie Park.



Murray Farm Road bridge

- 14 February 2011 - Notifications and Q&A documents distributed to 3000 residents
- 28 February 2011 - Initial work commenced
- It is anticipated that bridge work will take 22 months to complete



Murray Farm Road bridge



- **Traffic access**
 - reduced to one lane in alternating directions using signalised traffic control
 - some full closures will be required at night or on weekends
 - from approximately April 2012 to October 2012, 3 tonne load limit may be enforced over the bridge – discussions with bus operators and emergency services are ongoing
- **Pedestrian and cyclist access**
 - maintained during construction and any closures

Beecroft Road bridge

- 17 February 2011 - Notifications and Q&A documents were distributed to 800 resident
- 28 February 2011- Initial works started
- It is anticipated that bridge work will take 18 months to complete



Beecroft Road bridge

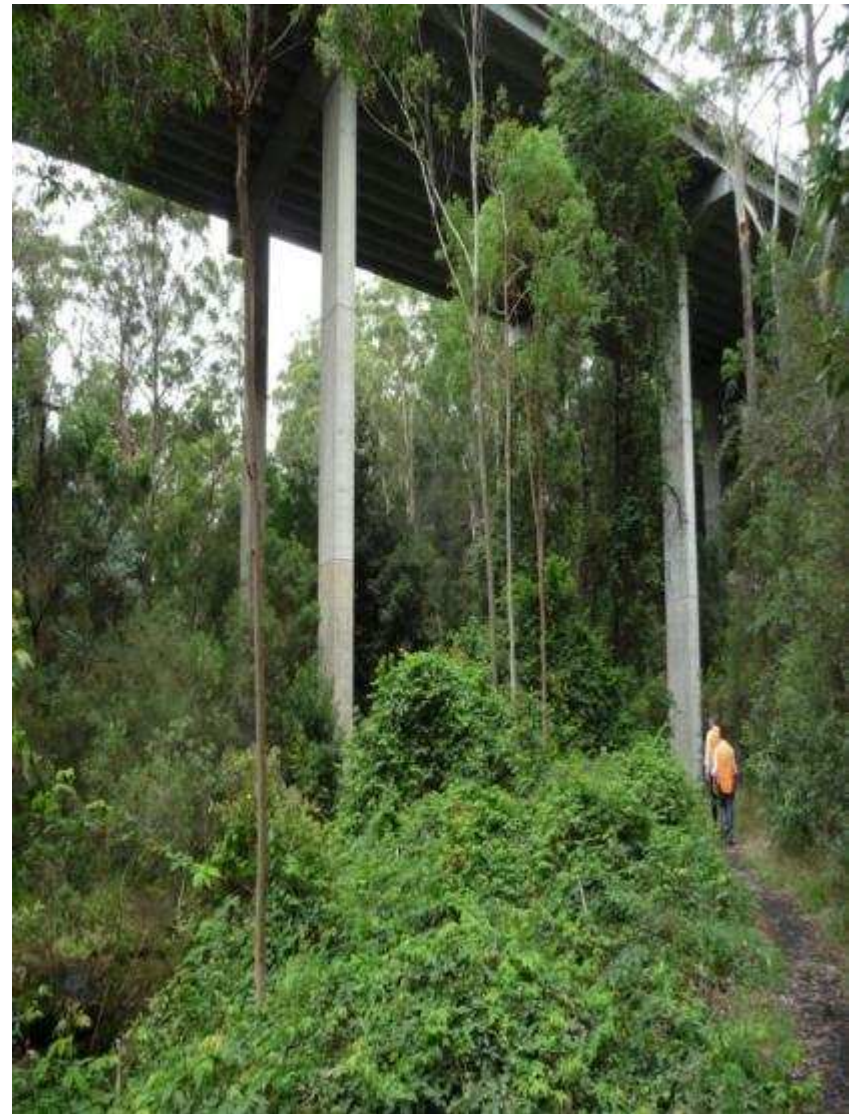
Hills M2



- **Traffic access**
 - speed reductions and potential lane closure
 - two-way traffic will be maintained
- **Pedestrian access**
 - maintained and any changes sign posted
- **Demolition of the bus ramp**
 - compound site for initial work on bridge
 - demolition expected in 2012
 - required to facilitate third lane

Vegetation Clearing

- 11 February 2011- briefing session on clearing procedures was held on for community groups
- February 2011 - Clearing notifications distributed to over 11,000 residents
- March to late June 2011 - Clearing in the central zone



Noise wall movement



- From mid-March - noise wall modification works in central zone commence
- Staging of noise wall modification generally involves:
 - Temporary noise wall construction
 - Existing noise wall removal
 - New noise wall construction
- In limited locations no capacity for temporary due to work site location
- Milling and resurfacing to improve road surface noise








Bush walking tracks



- Access to Beecroft and Chilworth Reserves will be maintained
- Pedestrian access beneath the motorway to be provided when feasible and safe.
- Signs will be installed to notify when tracks are closed
- Public walking tracks under Devlins Creek bridge will be closed for safety reasons during construction work hours and while construction activities are being undertaken
- The track will be re-opened for public use outside of construction hours, weekends and on public holidays

Legend:

-  Existing walking track (A: approx 750m & B: approx 550m)
-  Point of closure
-  Closed walking track (for duration of project)
-  Closed walking track during construction activities
-  Alternative route (approx 600m)



Key activities to May 2011

- Earthworks, drainage and widening works along the Motorway
- Vegetation clearing along the motorway
- Establishment of compounds
- Installation of temporary noise barriers and the removal of some existing noise walls
- Start of tunnel widening works in the eastbound portal
- Windsor Road bridgeworks and Windsor Road on / off ramps construction
- Start of bridgeworks at Darling Mills Creek, Devlins Creek and Terrys Creek Motorway crossovers
- Bridgeworks at Barclay Road, Beecroft Road, Murray Farm Road and Christie Road ongoing

Project team contact

- enquiries@hillsm2upgrade.com.au
 - Register to receive project updates
- 1800 196 266 (free call)
- www.hillsm2upgrade.com.au



Upcoming communications

- Community Update early April
- Community information sessions April