



Transport for NSW

Sydney Pinch Point Programs

Overview | May 2020



Congestion on Cumberland Highway

Transport for NSW projects are part of the NSW Government's record investment in infrastructure projects. The Easing Sydney's Congestion Program Office is delivering road improvements to reduce congestion and improve travel times on Sydney's busiest corridors.

The pinch points programs aim to address congestion on the Sydney metropolitan road network, making our roads better for our community. Other key congestion busting programs include the delivery of the M4 Smart Motorway, the Parramatta Congestion Improvement Program and the Clearways Program.

Pinch points are traffic congestion points, intersections or short lengths of road at which a traffic bottleneck exists, slowing down the broader network. They cause a build-up of traffic and travel delays at these spots and on the wider road network.

The Pinch Points program aims to address congestion on Sydney's existing road network, by targeting these areas for improvement, with small scale traffic improvements to improve the capacity of the road network, without needing to build new roads.

At Transport for NSW we know it is important to engage the community as we work around the state. Local communities have first-hand knowledge of an area and local knowledge is critical to getting the best outcomes for our projects. We engage with affected residents and businesses early on when we propose improvements to include their feedback into the design and delivery of our projects.

Keeping Sydney moving now and into the future

What is a Pinch Point project?

Projects to help ease congestion, improve safety and reliability at pinch points can include:

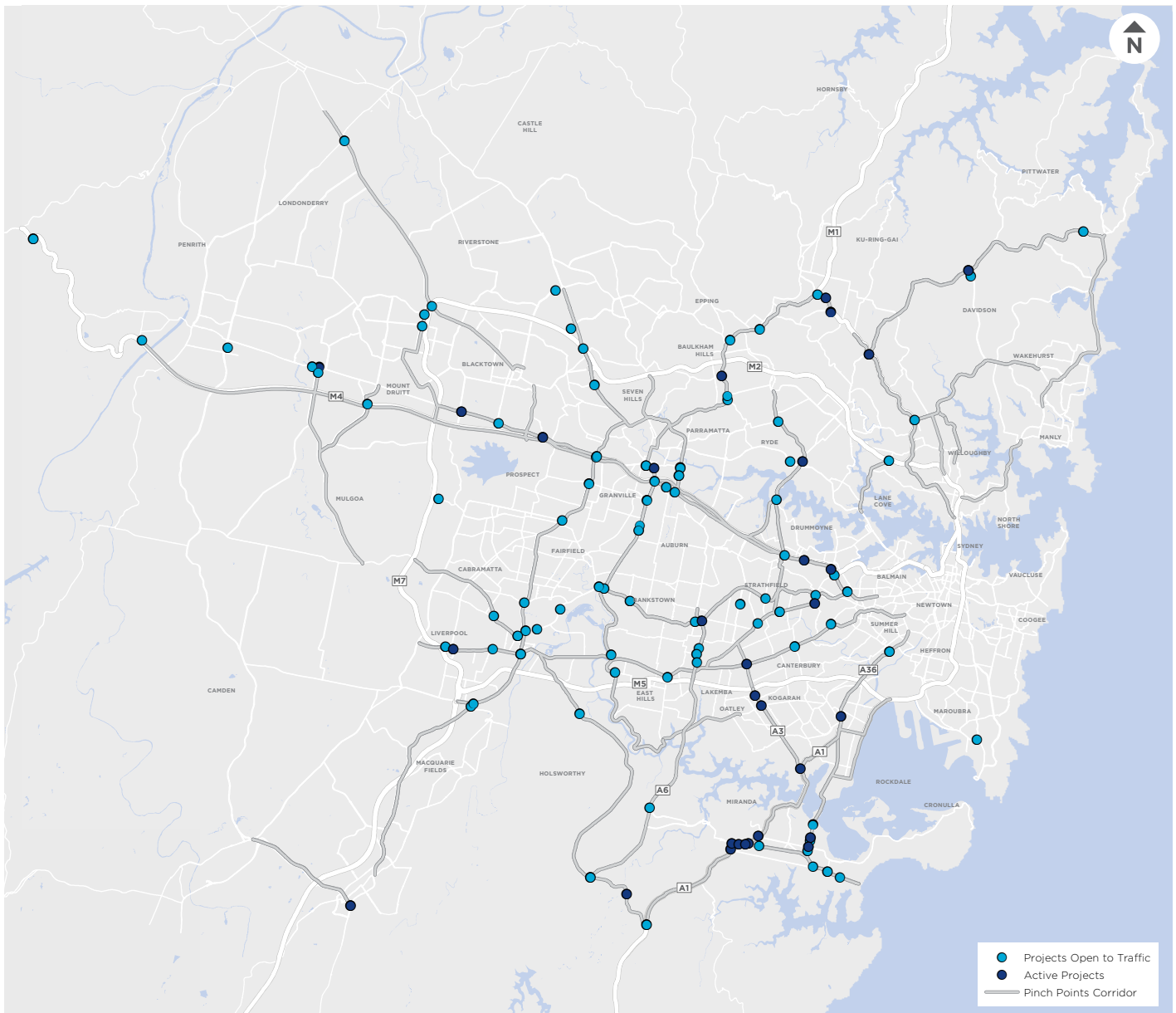
- widening small sections of road or intersections
- lengthening turn bays
- adding extra turn bays or turning lanes
- replacing heavily used roundabouts with traffic signals
- installing closed circuit television (CCTV) cameras and electronic variable message signs (VMS)
- adding or upgrading pedestrian and cyclist crossing facilities.



Benefits of pinch point projects include:

- a more efficient Sydney road network
- reduced congestion
- more consistency of travel times for motorists, particularly during peak hours
- fewer delays due to a better flow of traffic
- reduced queue lengths for motorists
- improved safety at intersections for motorists, pedestrians and cyclists
- better information for motorists while they are travelling on our road network
- improved freight efficiency
- better access to key employment centres
- stronger ability to respond to incidents and planned events
- reducing the impact of noise and traffic on local residents.

Pinch Point projects across Sydney



Case Studies

Intersection improvements on Cumberland Highway and Merrylands Road, Greystanes

On an average weekday, the intersection of Cumberland Highway and Merrylands Road caters for approximately 80,000 motorists.

Motorists using this intersection experienced long queues and delays primarily attributed to the limited time allocated to the heavy right turn movements.



During morning peaks, northbound motorists turning right from Cumberland Highway onto Merrylands Road would queue into the adjoining through lane, resulting in a reduction in lanes on Cumberland Highway.

Similarly, right turning motorists from Merrylands Road onto Cumberland Highway would queue into the adjoining through lanes, reducing capacity to one through lane.

What did we do?

Widened along the south eastern side of the intersection on Cumberland Highway to provide dual northbound right turn lanes on approach to the intersection.

Widened along both the south-eastern and south-western sides of the intersection on Merrylands Road to provide dual eastbound and dual westbound right turn lanes on approach to the intersection.

Key benefits of the project include:

- eased congestion along Cumberland Highway and Merrylands Road by allowing more motorists to continue straight without turning traffic blocking them.
- improved traffic flow in all directions by allowing more motorists to turn at the intersection using dedicated turning lanes.
- reduced travel times for northbound road users
- more reliable trips for residents travelling to work, school and Merrylands train station.

Intersection improvements on Mona Vale Road, Forest Way and Garigal Road, Terrey Hills

The intersection of Mona Vale Road, Forest Way and Myoora Road suffered from heavy congestion in both the morning and afternoon peak periods, resulting in long queues and delays for motorists using this intersection. These queues and delays also resulted in significant congestion and delays at the adjoining intersection to the south, Forest Way and Garigal Road, which serves access to Belrose Super Centre and Business Park.



What did we do?

Widened along Mona Vale Road adjacent to the westbound carriageway (east of Forest Way) to provide three continuous through lanes through the intersection with Forest Way.

Adjusted the left turn slip lanes and added dedicated cycle lanes for the Mona Vale Road westbound into Forest Way and from Forest Way northbound into Mona Vale Road to improve safety and visibility for pedestrians and motorists.

Extended the eastbound dual right turn lanes from Mona Vale Road into Forest Way by utilising the space in the central median.

Widened along Forest Way adjacent to the northbound carriageway to provide an additional northbound lane from south of Garigal Road and continuing this lane through the intersection to connect to the existing left turn lane feeding into Mona Vale Road.

Installed a dedicated northbound high entry angle left turn lane from Forest Way into Garigal Road and relocated the northbound bus stop to the north of Garigal Road, in a more accessible location for pedestrians.

Key benefits of the project include:

- improved travel times for motorists
- reduced congestion and improved safety on Mona Vale Road
- reduced risk of rear end and lane change crashes at the intersections.

Pinch Point Programs

Since 2012 we have completed 217 projects, with huge benefits across the Sydney network.

\$579 million spent

\$1.37 billion in realised benefits

We are already saving Sydney motorists from millions of hours spent in traffic each year

PINCH POINT PROGRAM

Value: \$225 million

Life of program: 2012–2018

Projects

163 projects and initiatives, comprising of 62 pinchpoints projects, 33 variable message signs and 68 closed circuit televisions

URBAN ROAD PINCH POINT PROGRAM

Value: \$300 million

Life of program: 2016–2021

Projects

44 projects, comprising of 23 pinch points projects, 15 variable message signs and 6 closed circuit televisions

GATEWAY TO THE SOUTH PINCH POINT PROGRAM

Value: \$300 million

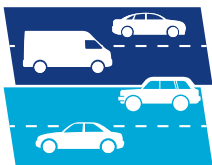
Life of program: 2016–2021

Projects

7 projects and initiatives



Improved road safety



Better road capacity



Extra right turning lanes

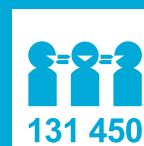
Contact us

If you have any questions or would like more information please contact the project team on:

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