Project complete at Great Western Highway and Blacktown Road, Prospect

Roads and Maritime Services completed this project to ease congestion and improve travel times on Sydney’s busiest roads.

Before December 2018, road users and local residents in Prospect and southern Blacktown experienced heavy congestion when traveling along the Great Western Highway and connecting to the M4 Motorway.

Roads and Maritime has now upgraded the intersection of Great Western Highway and Blacktown Road. Since opening to traffic earlier this year, the upgrade is delivering more reliable trips and improved safety for all road users.

What did we do?

Our work included:

- providing an additional right turn lane, so that there are two dedicated right turn lanes, from the Great Western Highway westbound onto Blacktown Road
- providing a dedicated right turn lane and one shared through and right turn lane from Blacktown Road onto the Great Western Highway increasing safety for road users passing through the intersection
- converting the bus lanes on the Great Western Highway onto Blacktown Road to general traffic lanes allowing more locals to drive towards Blacktown without blocking motorists passing through Prospect
- creating a dedicated left turn slip lane from the converted bus lane on Blacktown Road onto the Great Western Highway improving traffic flow for eastbound road users
- relocating the bus stops on Blacktown Road further away from the intersection, reducing the impact stopping buses have on traffic flow.
Community benefits

The project is helping to:

- ease congestion along the Great Western Highway from better traffic flow onto Blacktown Road
- reduce travel times and make travel times more reliable for motorists
- decrease delays for increase safety from added protected turns at traffic lights
- improve safety outcomes for all road users, including pedestrians.

Other completed Great Western Highway pinch points

The Great Western Highway is a major road in Sydney, connecting local communities with friends and family, services and employment opportunities. It is also an important freight route between New South Wales’ Central West and Sydney.

Roads and Maritime identified two intersections on the Great Western Highway that were causing delays for motorists: Great Western Highway and Pages Road, St Marys; and Great Western Highway, Doonside Road and Brabham Drive, Eastern Creek.

Roads and Maritime began upgrading these intersections in January 2018 and work has been completed. By upgrading these three intersections, motorists traveling along the Great Western Highway are experiencing safer trips with shorter travel times.

What is a ‘pinch point’?

A pinch point is a traffic congestion point, either at an intersection or on a short length of road, where a traffic bottleneck exists. They cause traffic build-up and travel delays at these spots and on the wider road network.

More than $825 million has been committed to the pinch point program. Each project will ease congestion, reduce traffic delays and improve travel times on Sydney’s major roads.

To see more on these completed upgrades and to learn of upcoming pinch points in Sydney’s west, visit rms.work/urbanpinchpoints.