The NSW Government is building new twin tunnels running underground from Kingsgrove to St Peters which will more than double the capacity of the M5 East corridor.

This project is being fast-tracked thanks to a Commonwealth Government loan of up to $2 billion.

Features of the New M5

- More than doubling the capacity of the M5 East.
- New twin tunnels running underground for nine kilometres between Kingsgrove and St Peters.
- Connects to an upgraded King Georges Road Interchange, which will cut interchange travel times by up to half.
- Widening the existing M5 East to three lanes in each direction from King Georges Road Interchange to Kingsgrove Road.
- Transforming a waste facility into a new interchange at St Peters, providing motorists with connections to Alexandria and Mascot.
- Existing clearways on King Street, Newtown will not be changed.

Flagship project of Tomorrow’s Sydney

In the next ten years, another one million people will call Sydney home. The NSW Government is building the infrastructure to support Tomorrow’s Sydney which will deliver an integrated transport solution including public transport and critical road infrastructure.

WestConnex is one of the flagship projects in delivering Tomorrow’s Sydney. WestConnex will widen and extend the M4 and M5 and join them together to form a continuous, free-flowing motorway with connections to the city, airport and port.

WestConnex will provide relief to the hundreds of thousands of road users struggling in traffic every day and help return local streets to local residents.
New M5 Corridor
Capacity for up to 10 lanes

Facilities include:
- Emergency facilities
- Tunnel air intake

NEW M5 TUNNEL
Kogarah Golf Club will continue to operate as a 9-hole golf course

Support facilities including ventilation facility

St Peters Interchange

Motorway control centre

Potential tunnel facilities and ventilation outlet for M4-M5 Link

King Georges Road Interchange Upgrade commenced and due for completion in 2017

Two lanes in each direction with capacity for three lanes, more than doubling the capacity of the M5 East

Existing M5 East widened and additional lanes added in each direction

Facilities include:
- Ventilation facilities
- Water storage facility
- Emergency vehicle storage

Existing M5 East tunnel

New M5 tunnel

M4-M5 Link tunnel (proposed)

M5 East surface roads

New M5 surface roads

Western entry and exit to the New M5 tunnel, Kingsgrove

Entry and exit to New M5 tunnel

Entry and exit to New M5 tunnel

King Georges Road

Beverley Hills

Bexley North

Bardwell Valley

Bardwell Park

Bexley North Station

Banksia Station

Rockdale Station

Arncliffe Station

Turella Station

Wolli Creek Station

Tempe Station

BAY STREET

WEST BOTANY STREET

FRANCIS AVENUE

GRAND PARADE

BESTIC STREET

SPRING STREET

ILLAWARRA RD

ARNCLIFFE STREET

WARREN ROAD

HANNAM STREET

WOLLONGONG ROAD

FOREST ROAD

PRINCES HIGHWAY

QUEEN VICTORIA STREET

KINGSGROVE ROAD

MOOREFIELDS ROAD

CANTERBURY ROAD

LAKEMBA STREET

BURWOOD ROAD

BRIGHTON AVENUE

PERMANENT AVENUE

SLADE ROAD

HOMER ST

CANTERBURY ROAD

WILLIAM STREET

BEXLEY ROAD

UNWINS BRIDGE ROAD

CANAL ROAD

CAMPBELL ROAD

GARDENERS ROAD

COWARD STREET

AIRPORT DRIVE

PENSHURST ROAD

KING GEORGE ROADS

VANESSA STREET

BEXLEY ROAD

KINGSGROVE

BEXLEY NORTH

BARDWELL VALLEY

BARDWELL PARK

ARNCLIFFE

BANKSIA

ROCKDALE

TURELLA

TEMPE

ST PETERS

MASCOT

SYDENHAM

For more information about the New M5 visit westconnex.com.au

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New M5 overview

New M5
- King Georges Road Interchange Upgrade
- New M5 twin tunnels
- St Peters Interchange

King Georges Road Interchange Upgrade
Work has started to widen and extend the eastbound on-ramp and westbound off-ramp between King Georges Road and the M5 East, increasing ramp lengths by 180 metres. This will cut travel times in half for more than 40,000 motorists who experience heavy congestion and delays at the interchange every day.

New M5 twin tunnels
The New M5 will extend from an upgraded King Georges Road Interchange, at Beverly Hills and run underground in twin tunnels from Kingsgrove for nine kilometres to the St Peters Interchange. The New M5 twin tunnels will more than double the capacity of the M5 East corridor.

St Peters Interchange
The St Peters Interchange will be built on the former Alexandria landfill site and will enable motorists travelling to and from the Sydney’s south west on the New M5 to connect to local suburbs, and freight vehicles to connect to Sydney Airport and Port Botany.

When WestConnex is completed, motorists will be able to choose to stay on the New M5 for a direct connection to the M4 corridor or come up to the surface at St Peters. On the surface, motorists have three routes to choose from including:
- Euston Road, which will take motorists to Alexandria;
- a new bridge across the canal to Gardeners Road, which takes motorists to Mascot and
- a left onto Campbell Street/Road, which takes motorists to St Peters.

Limiting property impacts
WestConnex has been designed to minimise land acquisitions and reduce impact on local communities, which is why two thirds will be built underground and in reserved road corridors wherever possible.

Impacted property owners will be compensated and paid market value for their property as well as all other reasonable expenses in line with the Land Acquisition (Just Terms Compensation) Act 1991.


Tunnelling activities
The New M5 tunnels will form an underground road corridor, known as a subsurface corridor. Where subsurface corridors are constructed, the NSW Government may need to acquire privately-owned land (or interests in land such as easements) beneath the surface of the ground.

WestConnex will be contacting property owners directly above the proposed tunnel to explain the tunnelling process and seek their feedback.


Protecting the environment
An Environmental Impact Statement (EIS) is being prepared, which will outline the potential impacts of the New M5 and the proposed approach to managing them. The EIS will go on public display later this year and the community will be invited to provide feedback.

Air quality
The New M5 tunnels will be wider, flatter and higher than the existing M5 East tunnels, allowing better air circulation through the tunnels further diluting vehicle emissions and improving in-tunnel air quality.

The WestConnex tunnel ventilation system is being designed in line with world’s best practice and to meet strict guidelines on air quality. The tunnel ventilation system dilutes in-tunnel emissions and then disperses them high into the atmosphere where they are diluted further with fresh air.

Monitoring around existing ventilation outlets in Sydney shows tunnel ventilation outlets are very effective at maintaining local air quality.

The Department of Planning and Environment will review the EIS and consider advice from other agencies when setting conditions of approval in relation to the tunnel ventilation system.
Alexandria landfill site

The landfill is now under Government control and will be cleaned up in full accordance with the Environment Protection Authority (EPA) licences and requirements. The landfill is an existing waste facility and a number of different materials have been stored on site for years, including material containing asbestos. This material is being removed in accordance with Work Health and Safety legislation and existing EPA requirements and licences.

The site will be remediated and much of it converted to open green space as part of the St Peters Interchange development. The new interchange work will also include dedicated pedestrian and cycleway access and significant landscaping works.

Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)

The New M5 requires Australian Government approval under the EPBC Act and where required additional assessments will be addressed in the EIS.

The project design has already taken steps to avoid, mitigate, and offset construction impacts. WestConnex is also preparing a Biodiversity Assessment Report for the New M5 in accordance with the Framework for Biodiversity Assessment (OEH 2014) and the NSW Biodiversity Offsets Policy for Major Projects (OEH 2014) which will outline our approach to managing and reducing the impact of the project.

Visit us

The community is encouraged to drop in at any time during the information sessions to find out more about the New M5.

Wolli Creek
Location: Rowers on Cooks River, 1 Levey St, Wolli Creek
Time: Wednesday, 9 September 2015 between 2pm and 5pm

St Peters
Location: WestConnex Pop-up shop, Unit B2, 238 Princes Highway, St Peters
Time: Saturday, 12 September 2015 between 10am to 1pm

Kingsgrove
Location: Kingsgrove RSL, 4 Brocklehurst Lane, Kingsgrove
Time: Tuesday, 15 September 2015 between 2pm and 4pm and 5pm and 7pm

For more information

Fact sheets and further information on the New M5 are available at westconnex.com.au.