Delivering Australia’s largest transport infrastructure project
About Sydney Motorway Corporation

Sydney Motorway Corporation (SMC) continues to achieve strong results while progressively delivering Australia’s largest transport infrastructure project, WestConnex.

The delivery of WestConnex is key to addressing Sydney’s future transport needs and is a vital element of the NSW Government’s record investment in road, freight rail and public transport.

When complete in 2023, WestConnex will provide 33 kilometres of traffic-light-free motorway connections to the key growth and employment hubs of western Sydney and the port and airport precincts. It will also deliver more than $20 billion in economic benefits to NSW and help support the 5.5 million* people expected to call Sydney home by 2026.

As well as delivering nearly $9 billion worth of contracts to date, we are also setting the benchmark in toll-road financing. Since its inception, SMC has progressed a comprehensive financing strategy for WestConnex, successfully raising $1.5 billion of senior private sector debt from domestic and international financiers, in addition to a $2 billion subordinated loan from the Australian Government.

The private-sector appetite and interest in financing opportunities continues to be buoyant with the M4 Widening and M4 East both presenting compelling investment cases for potential financiers.

Construction is now well underway on the M4 Widening, M4 East and the New M5 with King Georges Road Interchange Upgrade nearing completion. Planning for M4-M5 Link is well underway and in mid-2016 we commenced a nine-month consultation period to inform the design and alignment of the project.

Safety and sustainability continue to be the foundations of our culture. We remain committed to achieving positive outcomes for the local communities we are part of and to leaving a positive, lasting legacy.

Dennis Cliche
Chief Executive Officer
Sydney Motorway Corporation

*NSW Department of Planning and Environment
The year in review – highlights

2015

**JULY 2015**
Work on WestConnex King Georges Road Interchange Upgrade commenced, marking the start of the New M5 project – 18 months early.

**AUGUST 2015**
Work commenced at St Lukes Park, Concord, to build a new community hockey facility in preparation for construction of the WestConnex M4 East.

**SEPTEMBER 2015**
WestConnex M4 East Environmental Impact Statement released for public submissions.

**OCTOBER 2015**
WestConnex Delivery Authority’s procurement and delivery functions transferred to SMC.

**NOVEMBER 2015**
The first of more than 230 girders moulded for construction of a new two-lane viaduct as part of the WestConnex M4 Widening project.

**2016**

**JANUARY 2016**
WestConnex M4-M5 Link State Significant Infrastructure Application Report lodged with NSW Department of Planning and Environment – marking commencement of the planning assessment process.

**FEBRUARY 2016**
WestConnex Updated Strategic Business Case published.

**MARCH 2016**
WestConnex M4 East construction commenced.

**APRIL 2016**
WestConnex New M5 State planning approval granted.

**MAY 2016**
First of three roadheaders delivered to M4 East in readiness for first tunnelling site.

**JUNE 2016**
Around 4,000 square metres of artificial turf recycled from Cintra Park hockey field and donated to Westfields Sports High at Fairfield.

**JULY 2016**
Furniture and bedding from an acquired motel in Ashfield donated to local charity, The Exodus Foundation.

**Awards contracts for projects with a total capital cost of nearly $9 billion**

**Financial close for WestConnex New M5 – $1.5 billion in private sector debt and a $2 billion Australian Government concessional loan, the first of its kind**

**WestConnex New M5 Environmental Impact Statement released for public submissions**

**WestConnex New M5 preferred design released and construction contract awarded**

**WestConnex New M5 approved under the Commonwealth Environmental Protection and Biodiversity Conservation Act 1999, the final planning approval required prior to construction**

**WestConnex M4 East construction commenced**

**WestConnex M4 East tunnelling commenced**

**NEW M5 preferred design release and design and construction contract awarded**

**Historic sandstone pieces donated to National Parks for re-use in projects including those in the Blue Mountains.**

**First of three roadheaders delivered to M4 East in readiness for first tunnelling site**

**Around 4,000 square metres of artificial turf recycled from Cintra Park hockey field and donated to Westfields Sports High at Fairfield**

**First of three roadheaders delivered to M4 East in readiness for first tunnelling site**

**WestConnex New M5 State planning approval granted**

**New, international-standard community hockey facilities at St Lukes Park, Concord, completed and handed over to Briars Hockey Club and Canada Bay Council**

**WestConnex King Georges Road Interchange Upgrade construction reaches half-way point**

**WestConnex New M5 approved under the Commonwealth Environmental Protection and Biodiversity Conservation Act 1999, the final planning approval required prior to construction**

**WestConnex New M5 construction commenced**

**WestConnex M4 East construction commenced**

**WestConnex M4 East tunnelling commenced**

**WestConnex M4 East State planning approval granted**

**First of three roadheaders delivered to M4 East in readiness for first tunnelling site**
Benefits of WestConnex

Some of the benefits of WestConnex will be seen as early as 2017 when the M4 Widening and King Georges Road Interchange open to traffic.

**Delivering time savings**
- 40 minutes between Parramatta and Sydney airport
- 30 minutes between Port Botany and Silverwater
- 20 minutes between Burwood and Sydney airport

**Driving the economy and creating jobs**
- Support Sydney’s long-term economic growth with improved motorway access and connections to western Sydney and key employment hubs across the city
- Provide vital links to Sydney’s major international gateways at Sydney Airport and Port Botany

**Connecting communities**
- Shift through-traffic and heavy vehicles to the underground motorway, returning local streets to local communities
- Provide over 14 kilometres of new and upgraded cycle and pedestrian paths, linked to existing cycleways

**Easing congestion**
- Reduce the $6 billion annual cost of congestion in NSW
- Provide a bypass of up to 52 sets of traffic signals
- Improve the speed, reliability and safety of travel across the city

**Making Sydney a more liveable city**
- Deliver more than 18 hectares of new recreational green space for local communities
- Reduce greenhouse gas emissions by over 610,000 tonnes per annum

WestConnex is part of an integrated transport plan to keep Sydney moving.

**Key Features**
- **M4 Widening**
  - 7.5 km
  - Opening 2017
- **M4 East**
  - 6.5 km
  - Opening 2019
- **Iron Cove Link and Rozelle Interchange**
  - Opening 2023
- **M4-M5 Link**
  - Main tunnel
  - Opening 2022
- **King Georges Road Interchange**
  - Upgrade
  - Opening 2017
- **New M5**
  - 11 km
  - Opening 2020
- **Sydney Gateway**
  - Opening 2023

**Additional Benefits**
- **Delivering time savings**
  - 40 minutes between Parramatta and Sydney airport
  - 30 minutes between Port Botany and Silverwater
  - 20 minutes between Burwood and Sydney airport

- **Driving the economy and creating jobs**
  - Support Sydney’s long-term economic growth with improved motorway access and connections to western Sydney and key employment hubs across the city
  - Provide vital links to Sydney’s major international gateways at Sydney Airport and Port Botany

- **Connecting communities**
  - Shift through-traffic and heavy vehicles to the underground motorway, returning local streets to local communities
  - Provide over 14 kilometres of new and upgraded cycle and pedestrian paths, linked to existing cycleways

- **Easing congestion**
  - Reduce the $6 billion annual cost of congestion in NSW
  - Provide a bypass of up to 52 sets of traffic signals
  - Improve the speed, reliability and safety of travel across the city

- **Making Sydney a more liveable city**
  - Deliver more than 18 hectares of new recreational green space for local communities
  - Reduce greenhouse gas emissions by over 610,000 tonnes per annum
WestConnex projects

M4 Widening

We are currently widening the M4 Motorway between Parramatta and Homebush to create an additional lane in each direction. The project, valued at $497 million, is 7.5 kilometres in length and will create up to 2,000 jobs during construction. It will open to traffic in 2017.

Key achievements to date

• More than 230 girders have been manufactured as part of the viaduct construction which will be completed by mid-2017
• Tolling infrastructure installed and testing well advanced
• The widening of the at-grade motorway is well advanced
• 80 per cent of bulk earthwork completed
• 60 per cent of concrete pavement completed

M4 East

Connecting to the widened M4, this new underground motorway will feature twin three-lane tunnels in each direction between Homebush and Haberfield. The project, valued at $3.802 billion, is 6.5 kilometres in length (with 5.5 kilometres of the motorway in tunnel), creating up to 4,500 jobs and over 100 apprenticeships and traineeships during construction. It will open to traffic in 2019.

Key achievements to date

• Completed public exhibition of the M4 East Environmental Impact Statement (EIS)
• Published Submissions and Preferred Infrastructure Report providing responses to public submissions received during the EIS exhibition
• State planning approval granted
• Construction commenced
• Established all construction sites
• Tunnelling underway at all four designated sites

New M5

The duplication of the M5 East motorway corridor, will see new underground motorway tunnels constructed between Beverly Hills and a new interchange at St Peters. This interchange allows for connections to Sydney Airport, Port Botany and the M4-M5 Link.

The New M5 tunnels also provide connections for the proposed M4-M5 Link and the Southern Connector (a potential motorway connecting to Sydney’s southern suburbs). It will create up to 4,400 jobs and 155 apprenticeships and traineeships during construction. The project is valued at $4.335 billion and will open to traffic in 2020.

Key achievements to date

• Announced midway tunnelling point at Arncliffe
• Financial close on $1.5 billion in private sector debt and a $2 billion Australian Government concessional loan, the first of its kind
• Preferred design release and design and construction contract awarded
• Completed public exhibition of the New M5 Environmental Impact Statement (EIS)
• Published Submissions and Preferred Infrastructure Report providing responses to public submissions received during the EIS exhibition
• State planning approval granted. Federal environmental approval granted (July 2016).

King Georges Road Interchange Upgrade

This project involves upgrading the King Georges Road Interchange between the M5 West and the M5 East at Beverly Hills, in preparation for the New M5. It will create up to 900 jobs during construction. The project is valued at $131 million and is due to open to traffic in 2017.

Key achievements to date

• Construction commenced
• Installed new noise barriers as well as improved existing barriers to reduce impact on local residential areas
• Completed structural work to lengthen the Cooloongatta Road Bridge and widen the Penshurst Road overpass
• Completed major earthworks to widen and lengthen the existing King Georges Road Interchange on and off-ramps
• Exhibited the Urban Design and Landscape Management Plan for public comment
• Established a dedicated Community Information Centre at Beverly Hills

M4-M5 Link

This innovative and city-changing project will connect the M4 East in Haberfield to the New M5 in St Peters (via Rozelle and Campsie) in underground motorway tunnels. It includes a future connection for the Western Harbour Tunnel and Beacheslink and will include more than 18 hectares of new open space for the community at Rozelle and St Peters. It is valued at $7.247 billion and will open to traffic in 2023.

Key achievements to date

• Government approval of the M4-M5 Link Business Case
• State Significant Infrastructure Application Report lodged with NSW Department of Planning and Environment
• Consultation with local councils and other key stakeholders commenced
• NSW Department of Planning and Environment issued Secretary’s Environmental Assessment Requirements
• Community feedback forums commenced

^ WestConnex Updated Strategic Business Case, November 2015
Community, environment and sustainability

New community facilities

In February 2016, WestConnex delivered its first community project, new hockey facilities at St Lukes Park in Concord. The new field and facilities were built to accommodate a midway tunnelling point for WestConnex M4 East at Cintra Park, where the local Briars Hockey Club was previously located. Using Cintra Park as a construction site gives vehicles supporting tunnelling direct access to Parramatta Road, reducing impacts on local roads.

Preserving our heritage

About 700 sandstone pieces from a section of the Pyrmont Bridge will be reused and showcased throughout the State. They have been in storage at a government-owned property which will be needed as part of the St Peters Interchange. This turn of the century sandstone has been gifted to the National Parks and Wildlife Service to be reused in projects in the Blue Mountains.

Assisting local charities

In early June 2016, SMC and its contractors donated furniture and bedding from a motel acquired for the project, to local Ashfield charity, The Exodus Foundation. The Foundation has been helping disadvantaged and homeless people in the inner west for almost 30 years and the donation was delivered just in time for winter.

Alexandria Landfill clean up

In November 2014, the NSW Government announced that the New M5 St Peters Interchange would be mainly built on the site of the former Alexandria Landfill. In mid-2015, SMC awarded a contract to carry out a significant clean-up of the highly contaminated former landfill in accordance with existing development consents and environment protection licenses. The work included:

- Crushing and recycling more than 30,000 tonnes of stockpiled concrete
- Removing contaminated material from the site including completion of a pre-existing clean-up notice from the Environment Protection Authority
- Removal of stockpiled materials and stabilisation of slopes.

The work was finished ahead of time and within budget enabling timely access to this site for remediation and construction of the St Peters Interchange.

Clean-up of the Alexandria Landfill site was completed in February 2016 and included removal of waste and significant stabilisation work.
“Business productivity and public transport options will improve, emissions from idling traffic will reduce and over 10,000 jobs are being created. It’s a great city-changing project.”

– The Hon. Duncan Gay MLC Minister for Roads, Maritime and Freight