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The NSW Government's Plan for Infrastructure



NSW Government
Achieving more for NSW

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THE NSW GOVERNMENT'S PLAN FOR INFRASTRUCTURE

The Carr Government is spending record amounts on infrastructure.

The current capital works program – which is delivering new and improved infrastructure across all regions – totals \$7.5 billion for 2004-05 alone.

Since 1995, the Carr Government has invested over \$50 billion in infrastructure. A further \$30 billion will be spent on infrastructure over the next four financial years – an increase of 19 per cent on the previous four year period.

Infrastructure refers to the buildings, construction projects and equipment by which services – such as policing, education, transport and health care – are provided. Infrastructure supports the day-to-day activities of every person in NSW.

The NSW Government's Plan for Infrastructure details projects of both State and local significance. A large number of smaller projects such as upgrades and maintenance work can be found in the reports and programs of individual agencies.

This Plan is the first step in delivering a more transparent infrastructure planning system in NSW. With the development of a standard planning, budgeting and reporting system across all of Government subsequent Infrastructure Plans will provide a comprehensive report on all infrastructure projects.

In January 2005 unemployment in NSW fell by 0.1 percentage points to 5.1 per cent (seasonally adjusted) – a 28-year low. In terms of available labour and materials, infrastructure activity in NSW is virtually at capacity. This means construction is occurring as quickly as the labour market allows.

The NSW Government has already adopted new ways to improve the planning and delivery of infrastructure in NSW including:

- The development of public / private partnerships. NSW leads the nation in the use of the private sector for infrastructure, with \$3.5 billion of public / private partnership projects underway. Beyond the traditional examples such as major road projects, the Carr Government has also announced it will investigate opportunities for the private sector to be involved in the Bonnyrigg Living Communities Project, and in the delivery of recycled water to new communities in Sydney's North-West and South-West.
- The formation of the Department of Infrastructure, Planning and Natural Resources to better coordinate the planning and delivery of infrastructure across all Government agencies.

- The introduction of a new infrastructure planning and funding mechanism for the delivery of \$8 billion of infrastructure in the new communities in the North-West and South-West sectors through the Growth Centres Commission.
- Reforms to the NSW planning system to allow faster assessment and determination of both public and private projects, encouraging infrastructure development across the State.

KEY INFRASTRUCTURE ACHIEVEMENTS AND PLANS

HEALTH

The Carr Government is responsible for the biggest health infrastructure program undertaken in NSW. All of the State's teaching hospitals, and most of our major health facilities, have either been redeveloped since 1995, or are in the process of being redeveloped.

OUR ACHIEVEMENTS

Major hospital redevelopments that have been completed since 1995 include:

- St Vincent's Hospital - \$131 million
- Nepean Hospital - \$185 million
- Prince of Wales - \$267 million
- The Children's Hospital, Westmead - \$332 million
- Royal Prince Alfred - \$40 million
- St George Hospital - \$184 million
- Liverpool Hospital - \$246 million
- Sutherland Hospital - \$91 million
- Tweed Heads Hospital - \$43 million
- Broken Hill Hospital - \$33 million
- Dubbo Base Hospital \$23 million

OUR PLANS

Major hospital developments either planned or underway include:

- Royal North Shore Hospital - \$474 million, including the completed \$63 million redevelopment of key clinical areas
- Blue Mountains Hospital redevelopment - \$17.5
- Gosford Hospital - \$115.9 million

RAIL

OUR ACHIEVEMENTS

Improving the reliability and safety of the rail network – in both metropolitan and non-metropolitan areas – is an infrastructure priority.

To date, \$1 billion has been spent on 255 Tangara carriages and other rail cars; a further \$1 billion has been invested improving the safety of the network by replacing and updating signalling equipment; over \$100 million has been

spent on security upgrades at all stations and nearly \$350 million has been used to improve access to many metropolitan stations.

Outside of the metropolitan region, \$23 million has been spent improving the safety and reliability of the CountryLink XPT service.

OUR PLANS

In the metropolitan areas, the acquisition of new Millennium rail cars will cost around \$466 million and require about \$60 million of investment in power infrastructure.

Through a \$1.5 billion public / private partnership, the Government will replace nearly 500 non-airconditioned suburban carriages with superior carriages. A further \$172 million will be invested to acquire new carriages for outer-suburban train carriages.

Another \$242 million will be spent updating rail infrastructure on the metropolitan network.

In non-metropolitan areas, \$23 million will be spent upgrading XPT trains.

The \$1 billion Rail Clearways Plan announced by the Carr Government in 2004 is made up of 15 individual projects that will remove bottlenecks, reduce congestion and provide more reliable and frequent train services on Sydney's rail network.

Projects under this Plan which have already commenced include:

- the Revesby Turnback
- planning for the duplication of the Cronulla line
- the Bondi Turnback
- the Macdonaldtown Turnback.

ROADS

OUR ACHIEVEMENTS

The Eastern Distributor

The Eastern Distributor, a \$700 million public / private partnership project, was opened in 1999.

It provides a link between the Cahill Expressway at Woolloomooloo and Southern Cross Drive at Zetland.

The Eastern Distributor has removed significant volumes of traffic from residential and commercial areas in inner eastern Sydney.

Liverpool to Parramatta Transitway

This \$316 million project provides 30km of a 90km network of rapid bus transitways that link major centres with high quality, frequent bus services.

Around a half a million people live in the areas serviced by the Transitway, which was completed in 2004. The Transitway has 35 stations and provides real-time passenger information displays and video security.

The M5 East

The M5 East is another important link in the orbital road network. It connects the M5 at King Georges Road with General Holmes Drive and the Eastern Distributor.

This \$800 million project has provided faster, safer journeys between Sydney's south-west and the city, the airport, Port Botany and the surrounding networks.

It bypasses more than 20 sets of traffic lights and has reduced freight and passenger traffic on suburban streets.

The M2

The M2 (North West Transport link) was opened in 1997 and consists of an expressway and busway and provides a faster, safer link for the growing population in Sydney's north-west.

Running for 21 km from the intersection of Epping Road and Pittwater Road in North Ryde, to Old Windsor Road in Baulkham Hills, the M2 is an important link in the orbital road network.

The M4

The M4 motorway runs for 40 km from Concord in the east, through to Lapstone in the Blue Mountains.

Between 1996 and 1998, the M4 between Parramatta and Penrith was upgraded and widened to a minimum of six lanes.

Pacific Highway

Over 40 individual projects in the 10-year Pacific Highway Upgrade have been completed and over 20 are in various stages of planning and development.

The Pacific Highway Upgrade is a \$2.2 billion project (\$1.6 billion from the NSW Government) that will improve safety and travel times along NSW's major highway which runs from Newcastle in the south to the Queensland border, covering almost 700km. It is a key interstate corridor for both passenger and freight vehicles.

OUR PLANS

Westlink M7

The Westlink M7 is a key link in Sydney's orbital motorway network, due for completion at the end of 2006.

The \$1.5 billion public / private partnership project involving the Commonwealth and NSW Governments is currently under construction. It will improve access to Western Sydney, linking the M2, M4 and M5 motorways in the greater west.

The Westlink M7 will be one of the biggest urban road projects undertaken in Australia. It will bypass up to 56 sets of traffic lights and reduce travelling time across Western Sydney by up to an hour.

Pacific Highway

The Pacific Highway Upgrade is a \$2.2 billion project (\$1.6 billion from the NSW Government) that will improve safety and travel times along NSW's major highway which runs from Newcastle in the south to the Queensland border, covering almost 700km. It is a key interstate corridor for both passenger and freight vehicles.

Cross City Tunnel

Complete the construction of the \$680 million Cross City Tunnel as a public/private partnership project to reduce travel time from 20 minutes to two minutes across the city and cut out 18 sets of traffic lights. This is due for completion in October 2005.

THE METROPOLITAN WATER PLAN

In 2004 the Carr Government announced up to \$1.4 billion for a plan to secure the water supply for Sydney's growing population.

The Plan includes:

- Preparation for the establishment of a desalination plant for Sydney should drought conditions persist.
- The construction of a pipeline and pumping station to draw water from the Shoalhaven to Sydney.
- The upgrading of infrastructure at some of Sydney's existing water supplies to allow maximum extraction from major dams.
- Investigation into the increased use of recycled water in Sydney, including in the new communities in Sydney's North-West and South-West.

EDUCATION

OUR ACHIEVEMENTS

Since 1995, approximately \$2.8 billion has been spent on building educational facilities in NSW.

This investment has delivered nearly 70 new schools (including relocations), 352 major school works over \$1 million, and over 119 major TAFE college new works over \$1 million.

OUR PLANS

Between 2004 and 2008 a further \$1.2 billion will be spent on education infrastructure.

Major new works will occur at many TAFE colleges across the State including Blue Mountains, Meadowbank, Bankstown, Mt Druitt, Granville, Padstow, Enmore Liverpool, Campbelltown, the Northern Beaches, Ultimo, Wollongong and Shellharbour.

New capital works will also occur in schools right across the State - Greater Western Sydney, the Sutherland Shire, North Western Sydney, the Central Coast, the Hunter, the Illawarra, the North Coast, South Coast, Western NSW and central Sydney

THE 2000 OLYMPIC GAMES

Accommodating the sporting events and Olympic teams required the construction of over \$3 billion of infrastructure, primarily at the Sydney Olympic Park at Homebush. Some of the major projects, completed as a result of partnerships between the NSW Government and the private sector, included:

- The \$444 million Olympic village which housed around 13,000 athletes and officials and is now the basis of the suburb of Newington.
- The \$620 million Olympic Stadium which held 110,000 people during the Games, the largest ever venue in Olympic history.
- The \$277 million Superdome facility which continues to host some of the city's major sporting and entertainment events.

GREATER WESTERN SYDNEY – INCLUDING THE INNER WEST

OUR ACHIEVEMENTS

- \$774 million has been spent on health infrastructure, including major redevelopments at: Liverpool Hospital (\$205 million), Nepean Hospital (\$185 million), Bankstown/Lidcombe Hospital (\$77 million), Blacktown Hospital (\$103 million), Camden Hospital (\$25 million), Canterbury Hospital (\$79 million), Westmead Children's Hospital (\$332 million), and Westmead Hospital (\$12 million).
- \$1 billion has been invested in improved transport infrastructure, including \$315 million for the new Liverpool-Parramatta Transitway, and \$305 million in upgrades to the Great Western Highway.
- A total of \$22 million has been spent on bus / rail interchanges at Campbelltown, Mount Druitt, Ashfield, Bankstown, Blacktown, Cabramatta, Liverpool, and Strathfield.
- Around \$12.3 million has been spent on commuter car parks at Holsworthy, Minto, Springwood, and Warwick Farm, as well as \$5.2 million for a car park and interchange at Padstow.
- The wharves at Abbotsford and Cabarita have had a \$5.1 million upgrade. A bus to wharf interchange and car park has been constructed at Meadowbank valued at \$2.6 million.
- \$62 million has been spent on a freight priority line to increase capacity to handle freight loads to and from Port Botany.
- \$97 million was invested to provide a rail connection from Homebush Bay to the Olympic Site.
- \$85 million has been used to quadruple the rail line between Kingsgrove and Turrella for improved capacity and reliability by separation of express services from all station services.
- The Richmond line has been duplicated at a cost of \$36 million.
- The Liverpool train station has received a \$17 million upgrade.
- \$19 million has been invested in rail training facilities in Petersham.
- \$1.7 million was spent to purchase land for the future expansion of Leichhardt Bus Depot.

- \$458 million has been spent on education and training infrastructure including \$188.8 million on new facilities: a new TAFE facility at Quakers Hill; new colleges at Wentworth Falls and Wyndham; new high schools at Camden, Camden Haven, Glenmore Park, Glenwood, Horningsea Park (John Edmondson) Mount Annan, Stage 2 of Denistone East Public School (\$7.2 million); the Leichhardt (\$12.7 million) campus of the Sydney Secondary College; and new primary schools at Horningsea Park, Caddies Creek, Glenmore Park, Kellyville, Narellan Vale, Newington, Quakers Hill East, Surveyors Creek and Wattle Grove as well as upgrades to infrastructure at Emu Heights and Westmead. This also includes new high schools at Camden, Camden Haven, Horningsea Park (John Edmondson), and Mount Annan and new primary schools at Narellan Vale and Wattle Grove as well as upgrades at Ingleburn High and seven TAFE facilities including Blue Mountains (at Wentworth Falls \$6.5 million),
- Funding has also been invested in upgrading 81 school and TAFE facilities including Ingleburn High School (\$5.1 million) and on expanding TAFE facilities at Campbelltown.
- Over \$363 million has been spent on improving justice services, including \$187 million for the new police headquarters at Parramatta and new police stations at Eaglevale and Green Valley.
- Over \$2 billion has been spent on housing, including nearly \$975 million on new housing stock.
- The minimum total of the costs of these projects is \$5 billion.

OUR PLANS

- We will continue to invest in health infrastructure in the Greater West of Sydney including: the implementation of the \$112.2 million Macarthur Health Strategy; \$41.6 million in projects at the Liverpool Hospital Emergency Department and Liverpool mental health service; continued construction at Westmead and St Joseph's Hospitals at a total cost of \$154 million.
- Other health infrastructure projects will include: a new research facility at the Children's Hospital, Westmead costing \$19 million; a \$12.2 million redevelopment of the Blue Mountains Hospital in Katoomba; a \$6.2 million Ambulatory Procedural Centre at Westmead Hospital; a \$19.2 million fit-out of laboratories at the Royal Prince Alfred Hospital.
- Completion of the Westlink M7, a \$1.5 billion public / private sector project.
- Upgrading of roads including Camden Valley Way (\$22 million), Cowpasture Road (\$16 million), F5 (\$12 million including Federal and Local government funds), Hoxton Park Road (\$35 million) and Narellan Road (\$24 million).

- Continued assessment of transport infrastructure projects including the M4 East connecting the M4 Motorway at North Strathfield and the City West Link with Parramatta Road.
- Construct the \$493 million North West Bus Transitway from Parramatta to Rouse Hill.
- Implement \$73.4 million of rail infrastructure upgrades at Revesby under the \$1 billion as part of the Rail Clearways Plan.
- We will improve access to train stations at Lakemba, Granville, Kingsgrove and Blaxland at a total cost of over \$18 million, and at the Rhodes station at a cost of \$12 million.
- We will improve other public transport infrastructure including: providing interchange and / or car park facilities at Wentworthville and Emu Plains; providing turnbacks at Homebush and Lidcombe as part of the \$1 billion Rail Clearways project; undertaking upgrades at Blaxland, Granville, Kingsgrove and Lakemba stations to improve access; and expanding the Blacktown carriage stabling yard.
- We will upgrade a number of schools including: Stage 1 of Strathfield Girls High (\$2.6 million); Granville Boys High (\$2.1 million); Stage 3 at Westfield Sports High (\$2 million); Bankstown Public (\$1.7 million); Blaxcell Street Public (at Granville - \$1.7 million); Stage 2 of Dulwich Hill High (\$1.0 million); Marrickville High (\$1.5 million); stage 2 of Berala Public (\$1.3 million) and stage 1 of Holroyd High School (\$1 million).
- Other education infrastructure work will be undertaken at Airds High, Chipping Norton Public, Westmead Public, Blacktown South Public, Canley Vale Public, Fairvale High, Holroyd High, Smithfield West Public, The Hills Sports High School at Seven Hills and Vardys Road Public at Seven Hills.
- We will upgrade a number of TAFE facilities including: Meadowbank (\$9.1 million), Mount Druitt (\$3.8 million), Bankstown (at Chullora - \$3.5 million); Granville (\$4.1 million); Mount Druitt, Padstow, Enmore, Liverpool and Campbelltown.
- We will improve law and order and justice infrastructure including: the Liverpool, Camden and St Mary's police stations; Bankstown Courthouse (\$21.2 million); upgrade Blacktown Courthouse (\$4.4 million); the Metropolitan Children's Court at Parramatta (\$26.4 million); the Mount Druitt Courthouse (\$11.5 million) and improve the South West Trial complex at Parramatta (\$58 million).
- We will also improve corrections infrastructure including: a \$23.6 million redevelopment of the Reiby Juvenile Justice Centre; enhancement of

mental health facilities at the Mulawa Correctional Centre and Silverwater Correctional Centre (\$24 million); redevelopments of Mulawa Correctional Centre (\$48 million), Silverwater Correctional Centre (\$5 million) and of the Cobham Juvenile Justice Centre (\$15.3 million) and the replacement of the Yasmar Juvenile Justice Centre (\$29.2 million).

- Delivery of a further \$116 million for housing, including \$57.4 million on new housing stock and the renewal of the Minto public housing estate.
- Develop the Western Sydney Parklands - 5,500 hectares of new park extending from Blacktown to Liverpool along Eastern Creek and the hills of Hoxton Park. The Government has earmarked \$45 million for Stage 1 infrastructure works.
- The Carr Government has also outlined a range of infrastructure that will be required by new communities in the South-West including: a bus/rail interchange at Leppington Station; the Glenfield to Leppington rail line; major upgrades to Camden Valley Way and other roads for the new communities; the delivery of schools and other community infrastructure. The Government has announced the establishment of the Growth Centres Commission to plan and oversee the delivery of the \$8 billion of infrastructure that will be required for new communities in both the South-West and North-West of Sydney.
- The minimum total of the costs of these projects is \$2.3 billion.

NORTHERN AND NORTH-WEST SYDNEY

OUR ACHIEVEMENTS

- Hospital infrastructure has been upgraded or redeveloped at a cost of \$66.2 million, including the commencement of the redevelopment of the Royal North Shore Hospital. In addition, Bear Cottage was constructed as a new facility in Manly at a cost of \$7.9 million.
- Major road infrastructure projects have been undertaken including: \$644 million for the public / private sector M2 Motorway project and \$37 million for upgrades to Windsor Road.
- A \$2 million upgrade at Hornsby has been completed to accommodate additional rail power requirements.
- \$131.7 million has been spent on education and training including a new high school including two gymnasiums and a sports field at Kellyville (\$20.5 million) and five new primary schools at Beaumont Hills, Castle Hill, Rouse Hill, and Sherwood Ridge (at a total of \$25 million) and Iron Bark Ridge Public School at Rouse Hill (\$6.6 million).
- Upgrades at 16 schools including Baulkham Hills High (\$2.7 million), Tallowood and William Rose special needs schools (at a total of \$10.9 million), James Ruse Agricultural High with a new library and two new science laboratories (\$10 million), Northern Beaches Secondary College with construction of a new gymnasium and performance theatre (\$9.8 million) and a major \$14.6 million upgrade of Hornsby TAFE.
- The provision of nearly \$170 million in public housing, including \$113 million in new housing.
- Provision of a new police station at Chatswood (\$12.1 million) and the construction of the Rouse Hill Fire Station.
- The minimum total of the costs of these projects is \$1.1 billion.

OUR PLANS

- Complete the \$474 million redevelopment of the Royal North Shore Hospital (stage two), and the \$16.4 million upgrade of the Hornsby Hospital obstetrics, paediatrics and emergency department.
- Complete the Westlink M7, a \$1.5 billion public / private sector project.
- Construct the Lane Cove Road Tunnel, a \$1.1 billion public / private sector project.

- Conduct a range of road infrastructure improvements, including \$288 million on a number of Windsor Road projects, which will include widening significant sections to four lanes.
- Continue planning for the widening of the Spit Bridge.
- Construct the \$493 million North West Bus Transitway from Parramatta to Rouse Hill.
- Continue investigations for the proposed North West Rail Link, from Epping to Rouse Hill.
- Completion of the Chatswood to Epping Rail link by 2008 at a total cost of \$2.038 billion.
- Undertake improvements to the Hornsby station (\$65 million) and to the Carlingford line as part of the \$1 billion rail Clearways program.
- Improve access to Gordon rail station (\$5.2 million).
- Refurbish and enhance Manly Wharf (\$10.5 million).
- Upgrade a number of local schools including: Chatswood High (\$5 million), Harbord Public (\$2.5 million), and Pennant Hills High (\$4 million).
- Provide a \$1.8 million upgrade of the Northern Beaches TAFE at Brookvale.
- Refurbish the Windsor Police Station.
- Complete the \$53.6 million Dillwynia Correctional Centre at South Windsor.
- Provide a further \$6.6 million in public housing, including \$3.7 million in new housing.
- The establishment of the Growth Centres Commission to plan and oversee the delivery of the \$8 billion of infrastructure that will be required for new communities in both the South-West and North-West of Sydney.
- The minimum total of the costs of these projects is \$6 billion.

THE SUTHERLAND SHIRE AND SOUTHERN SYDNEY

OUR ACHIEVEMENTS

- \$546 million has been spent on health infrastructure, including major redevelopments and upgrades at St George Hospital (\$184 million), Sutherland Hospital (\$91 million) and new facilities at the Prince of Wales Hospital at Randwick (\$267 million), Calvary Hospital in St George (\$19 million), and at the Garrawarra Nursing Home (\$12 million).
- Around \$945 million has been spent on road infrastructure, including completion of the M5 East (\$794 million) providing continuous motorway between south-western Sydney, the airport and the CBD. It also includes the General Holmes Drive Airport Tunnel to Botany Road (\$17 million), reconstruction of Port Hacking Road Miranda Five Ways (\$12 million) and Woronora River Bridge Stage two (\$47 million).
- Stage 1 of the Bangor bypass, which has an east-west link between the Old Illawarra Road and the Woronora Bridge, and a north-south link between new Illawarra Road and Alfords Point Road, has been completed at an estimated cost of \$95 million.
- \$80.5 million has been spent on education and training, including a \$2.9 million redevelopment of JJ Cahill Memorial High School and the refurbishment or upgrade of schools including Blakehurst Public School, Caringbah High School, Carlton Public School, Alfords Point Public School, St George School, student facilities at Beverly Hills Public and refurbishment of the St Georges River College.
- \$13.3 million has been spent on five new police stations at Mascot, Menai, Bondi, Randwick and Kogarah, and the restoration of the historic Rose Bay Police Station.
- \$27 million has been used to purchase additional land for container x-ray facilities and ancillary port services at Port Botany.
- The minimum total of the costs of these projects is \$1.6 billion.

OUR PLANS

- Relocate the existing Sylvania Community Health Services to a new facility at Sutherland Hospital (estimated \$5 million), and relocate the hospital's allied health, administration and clinical support services to the new building.
- Upgrade of the Prince of Wales Hospital Parkes Block (estimated \$7 million).

- Continue planning for the Alford's Point Bridge duplication (estimated cost \$12 million).
- Duplicate the Cronulla rail line (estimated at \$145 million) and new rail works at Bondi Junction (estimated at \$55 million) under the \$1 billion Rail Clearways strategy.
- Undertake works at Mortdale station (estimated \$5.1 million) as part of Easy Access station upgrades across the CityRail network.
- Commence several major new works in schools, including upgrades of Blakehurst Public, Burraneer Bay Public, Endeavour Sports High, Maroubra Junction Public, and Caringbah High schools and Rose Bay Secondary College.
- Upgrade facilities at Long Bay Correctional Centre including the hospital redevelopment (estimated \$64.8 million) and the staged redevelopment of the existing facility for specialised therapeutic rooms (estimated \$43.7 million).
- Upgrade Cronulla police station.
- Undertake major port and utilities infrastructure work including an upgrade of the bulk liquids berth in Port Botany (estimated cost of \$15.4 million), a second bulk liquids berth (\$38.5 million), development of Bunnerong Power Station site (\$4.7 million), interface roadworks at Patricks site (\$4 million) and Inter-Terminal access roads upgrade (\$1.9 million).
- Continue planning for the expansion of Port Botany, which is currently the subject of an independent Commission of Inquiry.
- The minimum total of the costs of these projects is \$395 million.

SYDNEY CBD / NORTH SYDNEY CBD

OUR ACHIEVEMENTS

- Close to \$200 million has been spent on redeveloping or upgrading health facilities including: \$131 million at St Vincent's Hospital, \$32.1 million at the Sydney Eye Hospital, \$20 million at the Garvan Institute, \$5.7 million on the new Sydney Ambulance Centre, and \$1 million at Redfern for the Aboriginal Health Service.
- More than \$3.8 billion has been spent on improving transport infrastructure. This includes the Eastern Distributor, a public / private partnership project valued at \$700 million which reduces travel time by 10 minutes between the city and airport by cutting out 18 sets of traffic lights.
- Improvements to maritime infrastructure include: \$51 million for Sydney's ferry fleet, including four new super cats, two catamarans and the refurbishment of the Manly ferries.
- A further \$1.18 billion has been spent on public transport including: the completion of the \$716 million New Southern Railway line (Airport Line); \$51 million on Easy Access upgrades to CBD rail stations including Town Hall, Wynyard and Central Stations; \$15 million for a new consolidated Rail Management Centre at Central Station and \$263 million for the provision of 788 new buses for Sydney Buses.
- A total of \$190 million has been spent on improving education and training facilities. This includes ten school upgrades such as Sydney Girls High School (\$4.7 million); Alexandria Park Community School (\$7.4 million); the major redevelopment of the Conservatorium of Music (\$145 million); the relocation of the Cammeray Public School (\$3.4 million), the three Sydney Secondary College campuses at Leichhardt (\$12.7 million), Blackwattle Bay (\$8.4 million) and Balmain (\$5.7 million) and computer equipment upgrades at St Leonards TAFE (\$3.1 million).
- Over \$187 million has been spent on improving police and court facilities as well as other justice services. This included the new \$84.5 million Metropolitan Remand and Reception Centre; \$0.8 million of upgrades to three police stations, \$6 million for a new Redfern police station, and the \$5.8 million refurbishment of the King Street Court complex and the Land and Environment Court
- Over \$229 million has been spent on housing, including \$43.5 million on new housing stock.
- The \$300 million Woolloomooloo Bay redevelopment.
- The \$860 million Walsh Bay redevelopment with residential, tourism and commercial facilities and improved public access.

- Passenger access has been improved at Circular Quay Wharf with \$32 million of upgrades undertaken in addition to \$22 million spent improving the Overseas Passenger Terminal. Additionally, \$1 billion has been spent on new charter vessel facilities at King Street Wharf, and \$8 million at Glebe Island to improve port services.
- The minimum total of the costs of these projects is \$4.9 billion.

OUR PLANS

- Complete the construction of the \$680 million Cross City Tunnel as a public/private partnership project to reduce travel time from 20 minutes to two minutes across the city and cut out 18 sets of traffic lights.
- Provide a new \$17 million rail turnback at Macdonaldtown as part of the \$1 billion Rail Clearways program which will improve reliability and travel times, and undertake a major redevelopment of North Sydney Station.
- Planning for the improvement of the Southern Arterial and Green Square road network to improve City to Botany Bay links.
- Invest \$51.1 million on new buses and \$2.1 million to improve the bus radio network.
- Upgrade or refurbish a number of schools including: Cleveland Street Intensive English High School (\$4 million); the National Art School (\$8.5 million) and North Sydney Boys High School.
- Complete the current \$28 million upgrade of the Ultimo TAFE and commence further upgrades.
- Build a new Police Forensic Research and Investigative Science Centre at Surry Hills (\$3.6 million).
- Provide an \$8.4 million upgrade of the Industrial Relations Court.
- Spend close to \$14.5 million on housing, including \$7.8 million on new housing stock.
- Upgrades to improve ferry transport in Sydney Harbour and enhance maritime safety will include: \$1.2 million for Sydney Harbour Ferry Wharves; \$1.4 million of Manly ferry control system upgrades; \$0.4 million for revenue room re-locations and \$0.4 million for information technology; \$5.5 million to improve public access and passenger safety at the Overseas Passenger Terminal, Sydney Harbour and Port Botany; \$2.2 million of port security upgrades; \$7 million for pilot vessel fleet replacements; and \$2.7 million to strengthen the Dawes Point seawall.

- Improvements to infrastructure in and around Sydney Harbour will include: \$2.7 million for the refurbishment of the seawall at Glebe Island; \$2.7 million for terminal road infrastructure at Glebe Island and White Bay; \$0.5 million for an upgrade to the Glebe Island silo and \$1.7 million for other infrastructure at Glebe Island.
- Other improvements to harbour infrastructure will include: \$35.9 million for strategic land acquisition through Sydney Ports; \$1.7 million for the strengthening of Sydney Ports wharf at White Bay; \$1.2 million for the Balmain shipyard refurbishment; \$0.8 million for vessel management systems and \$2 million to improve access to Blackwattle Bay for recreational users.
- The minimum total of the costs of these projects is \$914 million.

CENTRAL COAST

OUR ACHIEVEMENTS

- Over \$47 million has been spent upgrading health services including the Long Jetty Inpatient Unit, the 50 bed Mandala Mental Health Unit and the Wyong Hospital Cancer Care Unit and Community Health Care Centres at Erina, Long Jetty and Wyong.
- Around \$208 million has been spent on Central Coast roads including The Entrance Road, Avoca Drive, Pacific Highway and the F3 Sydney to Newcastle Freeway. Other road projects such as the \$82 million F3 Hawkesbury to Calga widening have been completed with Federal funding.
- Improvements to the F3 Freeway, Ourimbah Creek to Kangy Angy (\$56 million Federal funding).
- The dual carriageway construction along Wyong Road between Tuggerah and Enterprise Drive at a cost of \$65 million.
- \$4.8 million for the Entrance Road/Avoca Drive intersection upgrade.
- Other new transport infrastructure on the Central Coast includes commuter car parking facilities at Gosford (\$4.5 million), Woy Woy (\$2.9 million) and Wyong (\$3 million).
- Over \$113 million has been spent on education infrastructure at six new schools: Hamlyn Terrace Public, Blue Haven Public, Lake Munmorah Public, Narara Public, North Lakes Public and Woongarah; upgrades at 17 schools, including Northlakes High, Ourimbah Public, Tuggerah Lakes Secondary College (Tumbi Umbi campus) The Entrance Public (stage one) and Tuggerah Public; and at TAFE facilities in Gosford, Ourimbah and Wyong.
- A new \$0.4 million police station has been provided in Kincumber.
- The Police Assistance Line (call centre) has been established at Tuggerah to deal with self reported policing issues from around the State.
- \$146 million spent on public housing, including \$82 million on new housing stock.
- The minimum total of the costs of these projects is \$650 million.

OUR PLANS

- Complete the total redevelopment of Gosford and Wyong Hospitals under the \$212.4 million Central Coast Health Access Plan.
- Conduct planning for stage one of the widening of Avoca Drive, a \$30 million project that would improve safety for all users and reduce congestion and travel times.
- Continue planning on a number of other road works including: the widening of Avoca Drive; the widening of Glen Road; upgrades to the Pacific Highway from Tuggerah to Wyong; the widening of the Entrance Road from Ocean View Drive to Tumby Road.
- Provide improvements to road infrastructure including: \$10 million for The Entrance Road/Terrigal Drive intersection upgrade and the \$9 million widening of The Entrance Road from Terrigal Drive to Carlton Road.
- Provide a \$1 million upgrade creating better access to Wyong train station.
- Continue planning for Warnervale railway station.
- Upgrade education infrastructure at: the Brisbane Water Secondary College including \$5.3 million for stage one; and completion of the \$6.5 million upgrade of Tuggerah Lakes College including \$1.9 million for stage one.
- Spend a further \$9.7 million on public housing, including \$7.5 million on new housing stock.
- The minimum total of the costs of these projects is \$273 million.

THE ILLAWARRA

OUR ACHIEVEMENTS

- Around \$140 million has been spent on health facilities in the Illawarra including the \$80 million major redevelopment of the Wollongong Hospital and the upgrade of the Shellharbour Hospital Emergency Department estimated at \$4.4 million.
- Major transport infrastructure achievements in the Illawarra include: the electrification of the Dapto-Kiama rail line (\$42 million); development of a car park and bus/rail interchange at Oak Flats (\$3 million); the Princes Highway Oak Flats interchange (\$34 million); the F6 Gwynneville reconstruction and interchange (\$49 million); the Inner Harbour Land Restoration at Port Kembla (\$10 million); the Inner Harbour Rail Spur (\$4.1 million) and the Jetty Bulk Liquids Berth (\$5.4 million).
- Close to \$62 million has been spent on education and training including two new schools, Flinders Public and Shell Cove; three school relocations at Unanderra Public, Port Kembla Public and Dapto Public, and a \$10 million upgrade of Wollongong TAFE.
- \$295.5 million has been spent on public housing, including \$127.4 million in new housing stock.
- \$3 million has been spent on fire services including a new Fire Station at Shellharbour and the relocation of the Port Kembla Fire Station.
- The minimum total of the costs of these projects is \$479 million.

OUR PLANS

- a \$1 million upgrade of kitchen facilities at Wollongong Hospital.
- Undertake reconstruction of Lawrence Hargrave Drive estimated at \$49 million.
- Provide \$10 million in upgrades to Bulli, Helensburgh and Thirroul train stations to improve access.
- Investment in Port Kembla Port estimated at \$30 million which includes the multi-purpose wharf extension.
- Upgrade TAFE facilities at Wollongong and Shellharbour.
- Provide upgrades at Helensburgh Public School (\$2.7 million), Kiama and Illawarra Sports high schools.

- Upgrade police stations at Thirroul, Warilla, Corrimal and Port Kembla.
- Spend a further \$13.8 million on public housing, including \$6.9 million on new housing stock.
- The minimum total of the costs of these projects is \$117 million.

THE HUNTER

OUR ACHIEVEMENTS

- \$160 million has been spent on 18 health infrastructure projects including the \$42.4 redevelopment of the John Hunter Hospital; \$33.7 million upgrade of the Manning Hospital and the construction of a \$4 million mental health unit at Taree.
- Around \$841 million has been spent on major road construction and upgrades. \$625 million has been spent on upgrades to the Pacific Highway – including the Taree, Karuah and Raymond Terrace bypasses. The Government has also spent \$42 million on sections of the New England Highway, \$110 million on the Newcastle Inner City Bypass at West Charlestown, and \$59 million for the Taree to Coopernook dual carriageway project (Federal and State funding).
- Other new public transport infrastructure in the Hunter includes \$13 million for 30 new buses, new bus / rail interchange facilities at Newcastle and a new wharf at Stockton.
- \$375.5 million has been spent upgrading and expanding Newcastle Port.
- \$122 million has been spent on education and training including \$17.5 million to establish Tomaree High School; \$3.8 million for Clarence Town Public School; \$1.7 million to upgrade the Cessnock East Public School and 28 other school improvement projects.
- New police stations have been built at Forster, Swansea and Waratah. Fire stations at Teralba and Belmont were also upgraded.
- \$372.7 million has been spent on public housing, including \$139 million on new housing stock.
- The minimum total of the costs of these projects is \$1.88 billion.

OUR PLANS

- Continue to improve health infrastructure with \$287.8 million to be spent on upgrading health facilities in Newcastle, and \$9 million for the development of forensic facilities at John Hunter Hospital.
- Continue upgrades of the Pacific Highway including \$114 million for dual carriageway from Karuah to Bulahdelah, and \$123 million for the Karuah bypass (NSW and Federal project).
- Provide other road upgrades including: \$32 million for Five Islands Road from Booragul to Speers Point; \$7 million for the Pacific Highway

Interchange with Lakes Way at Rainbow Flat; and \$9 million for stage two of the Nelson Bay Road upgrade which will deliver dual carriageway from Bobs Farm to Anna Bay.

- Spend \$102 million to purchase new rail cars to service the Hunter region.
- Improve the Newcastle Port with \$6 million of works including structural improvements and dredging.
- Provide approximately \$200 million for the first stage of the construction of the Newcastle Port multi-purpose terminal.
- Provide over \$68 million up to 2007-08 for the remediation of ex-BHP land, and the effective management of Hunter estuary industrial land.
- Plan for a new school at Ashtonfield, and for additional education infrastructure at Glendale TAFE, Muswellbrook Public School and the Newcastle TAFE campus.
- Provide \$33.7 million of school upgrades including: stage 2 at Callaghan College, Newcastle and Callaghan College, Jesmond (total of \$12.5 million); Hunter Performing Arts High School (\$5.1 million); Bulahdelah Central School (\$5 million); Soldiers Point Public School (\$3.9 million); Anna Bay Public School (in Port Stephens, \$3.2 million).
- Improve law and order infrastructure with a \$9.4 million upgrade of the Hunter Children's Court and a \$6 million redevelopment of the Muswellbrook Police Station.
- Spend a further \$16 million on public housing, including \$3.8 million on new housing stock.
- The minimum total of the costs of these projects is \$889 million.

NORTH COAST

OUR ACHIEVEMENTS

- A total of \$149.6 million has been invested in health infrastructure including: \$80 million on the redevelopment of the Coffs Harbour hospital; major redevelopments totalling nearly \$50 million have taken place at Byron Bay, Grafton Base, Tweed Health hospitals and the development of a \$3.3 million detoxification unit at Lismore hospital. Health facilities have been also been built or expanded at Bellbrook, Murwillumbah and Dorrigo (totalling \$6.8 million).
- A total of \$802.2 million has been invested (including Federal funding) on major upgrades to the Pacific Highway since 1995.
- Since 1995 \$83 million has been invested in education infrastructure including two new public schools at Pottsville Beach and Bogangar; upgrades at schools including: Kingscliff High, Macksville High, Maclean High, Murwillumbah High, Woodburn Public and Dorrigo High (\$29.1 million), Frederickton Public School, Mullumbimby High School and Tweed River High School as well as three TAFE facilities upgraded or expanded at Grafton, Kingscliff and Wollongbar.(\$22.8 million).
- A range of justice and corrections infrastructure has been developed or improved including the construction of the \$81.6 million Mid North Coast Correctional Centre; upgrades to court facilities in Grafton, Kempsey and Lismore; the establishment of a \$300,000 detoxification unit at Grafton Correctional Centre; \$25 million stage 2 of the Kempsey Correctional Centre upgrade; and the \$2.4 million relocation of the Firearms Registry to Murwillumbah.
- A total of \$261.7 million has been spent on providing public housing, including \$148 million of new housing stock.
- The minimum total of the costs of these projects is \$1.37 billion.

OUR PLANS

- Undertake a \$25.8 million redevelopment of the Richmond Clinic at Lismore Base Hospital.
- Redevelop the Kyogle Health Multi Purpose Service (estimated \$9.4 million).
- Continue planning for the redevelopment of health infrastructure Ballina and Byron Bay.

- Undertake upgrades of road infrastructure including: Bruxner Highway Alstonville Bypass (Federal and State Funding) \$36.5 million; Oxley Highway upgrade Wrights Road to Pacific Highway; Pacific Highway Ballina Bypass - Dual Carriageways; North Coast Transport Bonville Bypass - Dual Carriageways; Pacific Highway Brunswick Heads To Yelgun - Dual Carriageways (Federal and State Funding) \$209 million.
- Other road upgrades will include: Pacific Highway Coffs Harbour to Woolgoolga; Pacific Highway Moorland to Herons Creek - Dual Carriageways; Pacific Highway Northern NSW Noise Abatement Program \$18 million; Pacific Highway Yelgun to Chinderah - Dual Carriageways Finalisation (Federal and State Funding) \$348 million; Summerland Way second bridge over Clarence River; Summerland Way Burnetts Creek Bridge No. 2 (Federal and State Funding) \$4.7 million.
- Complete construction of a new high school at Banora Point, and provide upgrades to Lismore, Wauchope and Grafton TAFE facilities.
- Improve law and order infrastructure including: establish the Corrective Services 'Second Chance' program on the North Coast at a cost of \$9 million; enhance juvenile justice infrastructure at Grafton at a cost of \$6 million.
- Provide a new \$300,000 berth at the Port of Yamba.
- Provide a further \$14 million of public housing infrastructure projects, including investing \$7.6 million in new housing.
- The minimum total of the costs of these projects is \$678 million.

SOUTH COAST

OUR ACHIEVEMENTS

- \$12.5 million has been spent on: hospital infrastructure in Bowral and Goulburn, improving the ambulance centre in Bowral and enhancing community health facilities in Delegate and Nowra. Queanbeyan Hospital's operating theatre complex has been upgraded, and a new ambulance station has been constructed.
- \$44 million has been spent on State and Federal roads including \$11 million on the Monaro Highway south of Bombala and \$13 million on the Princes Highway.
- \$44 million has been spent on education infrastructure including upgrades and the redevelopment of 13 schools including Colo Vale and Hill Top Primary Schools (\$8.5 million) and new special education facilities at North Nowra Primary School.
- \$13 million has been spent on justice and correctional services including the new Bega Courthouse, redevelopment and refurbishment of Goulburn correctional facilities and new police facilities at Sussex Inlet.
- A total of \$117.2 million has been invested in public housing infrastructure, including \$62 million on new housing stock.
- The minimum total of the costs of these projects is \$230 million.

OUR PLANS

- Spend \$9.6 million on health services including the Batemans Bay Hospital Emergency Department (\$2.6 million) and the Milton Ulladulla Hospital redevelopment (\$7 million) and finalise planning for the redevelopment of the Queanbeyan Hospital.
- Invest \$95.5 million in road infrastructure including: \$10 million Pambula Bridge and approaches (Federal and State funding), \$80 million on Main Road 92 between Nowra and Nerriga (Federal, State and Local funding) and safety improvements to the Hume Highway at Towrang (\$5.5 million Federal Funding).
- Commence education infrastructure upgrades including: Milton (Stage 1 \$3.8 million) and Merimbula (Stage 1 and 2 \$6.7 million) Public Schools, Bega High School Stage 2 (\$5.1 million), Jindabyne Central School (Stage 1 \$5 million) and Goulburn TAFE (\$1.5 million). Further works to Milton (stage 2) and Merimbula (stage 3) Public Schools and Jindabyne Central Secondary School (Stage 2) are to be undertaken as part of the \$141.7 million investment in NSW Government schools.

- Invest \$55.2 million on justice infrastructure including \$5 million on a new courthouse at Nowra and \$50.2 million on the Goulburn Correctional Centre.
- Invest a further \$5.3 million in public housing infrastructure, including \$2.6 million on new housing stock.
- The minimum total of the costs of these projects is \$187 million.

WESTERN NEW SOUTH WALES

OUR ACHIEVEMENTS

- \$280.8 million spent on health, including \$6.5 million for a new hospital at West Wyalong and \$47.5 million for the new Albury Hospital, \$33 million for Broken Hill Hospital; \$5.3 million for the major redevelopment of Armidale Hospital, and \$19.2 million for the major redevelopment of Dubbo Hospital.
- Around \$379 million has been spent on transport infrastructure. This included major upgrades to the Hume Highway such as construction of the Bookham Bypass (\$90 million), and development of the South Gundagai interchange (\$11 million). A new bridge over the Murray River has been constructed at Corowa (\$22 million), and major upgrades to the Howlong Bridge and approaches on the Riverina Highway (\$14 million).
- \$180 million has been spent on education infrastructure including upgrades at: Ben Venue Public, Bungendore Public, Cooma North Public, Cudgegong Valley Public, Dubbo South Public, Evans River Community School, Inverell Public, Jerrabomberra Public, Lockhart Central, Lightning Ridge Central, Narromine Public, Quirindi Public, Ross Hill Public, Sandon Public, Thurgoona Public, Yeoval Central, Hay War Memorial High, Cobar High, Dubbo College, Mudgee High, Mullumbimby High - Stage 1, Oberon High, Orange High, Parkes High, Temora High, Wagga Wagga High and Yanco Agricultural High, redevelopment of Moree Secondary College (estimated \$1.5 million), and development of a new learning centre at Wagga Wagga TAFE, estimated at \$1.1 million.
- A new school - Buninyong Public School - has been created in Dubbo, valued at \$2.2 million. The new library and administration buildings are shared with the adjoining Dubbo Distance Education Centre.
- A new College for Rural and Ecotourism Studies, valued at around \$3.7 million, has been developed at Thurgoona.
- Upgrade of Mudgee TAFE (\$4.3 million) and refurbishment of Armidale TAFE \$1.4 million).
- Over \$17 million has been spent on improving police and court facilities as well as other justice services. This included the construction of Tamworth Court House valued at about \$4.4 million, plus a new Tamworth Police Station valued at \$5.2 million, a new detoxification facility at Bathurst Correctional Centre valued at \$0.3 million and additional beds for young offenders at Oberon valued at \$0.6 million.
- Over \$400 million has been spent on public housing infrastructure, including \$80.5 million on new housing stock.

- The minimum total of the costs of these projects is \$1.266 billion.

OUR PLANS

- Redevelop Tottenham/Tullamore Hospitals (\$7.5 million), Portland Hospital (\$5.7 million) million and co-locate Young Hospital and Mercy Health Service (\$17.2 million).
- Continue work on the redevelopment of the Bathurst, Orange and Bloomfield Hospitals.
- Continue planning for hospital upgrades in Parkes, Forbes and Wagga Wagga.
- Reconstruct the Castlereagh Highway and widen Cox's River bridge (estimated \$22 million); conduct a \$524 million upgrade of the Hume Highway (Federal funding); construct the \$51 million New Euston Bridge over the Murray (Federal and State funding); construct the Olympic Highway Grade Separated Rail Crossing (\$18.5 million) at Gerogery.
- Continue to upgrade the Junee Correctional Centre (approx \$5 million).
- Establish a 500-bed Western Region Correctional Centre at Wellington (\$122.5 million).
- Spend a further \$18.4 million on public housing, including \$12.5 million on new housing stock.
- The minimum total of the costs of these projects is \$792 million.

ENERGY

OUR ACHIEVEMENTS

- The Government has released the NSW Energy Directions Green Paper. Submissions on the paper closed at the end of February 2005, and are under consideration.
- Between 1995-96 and 2004-05, the Government has invested \$8.7 billion in energy infrastructure.
- To improve electricity supply and reliability across the State around 40 major infrastructure projects have been undertaken including the construction, upgrade or augmentation of a number of substations including: City Central, Pennant Hills, Campbell Street, Homebush Bay, Macquarie Park, Rutherford, Pyrmont, Anzac Village, Bow Bowing, Narellan, Parklea, Prestons, Greystanes, Windsor, Nambucca, Nelson Bay, Clearwater, West Jemalong, Telegraph Point, Manildra, Tuncurry and Snowy Mountains.
- Completion of a gas transmission pipeline from Illabo (near Junee) to Tumut and small natural gas distribution networks in southern NSW at Culcairn, Walla Walla, Henty, Temora, Cooma Bombala, Wagga Wagga, Tumut and Gundagai.
- The Government has also supported the first project utilising natural gas to produce electricity in NSW, the Eastern Star Gas project which began producing electricity in 2004, and the investigation of the use of coal seam methane.
- The Government's reforms to the electricity supply industry have joined the State's power system to the National Electricity Market. Under these arrangements, over \$7 billion has been invested by Government-owned electricity businesses during the last 10 years on electricity related infrastructure. The vast majority of this investment has been on electricity infrastructure.
- Since 1995 the Government has delivered over \$2.2 billion in savings for NSW electricity consumers.
- The Government's reforms to the natural gas industry since 1995/6 have opened the State's gas market to competition, creating a more competitive market and providing greater supply security.
- Between 1996 and 2003 the Government spent approximately \$82 million on energy efficiency, renewable energy and low emission technologies such as wind, hydro, solar, biomass and co-generation.

- NSW households and businesses are estimated to be enjoying more than \$500 million in energy savings over the life of the measures implemented through these programs. Over \$620 million has been committed to investment in cleaner energy supply and energy efficiency. Committed emissions abatement exceeds 20 million lifetime tonnes of carbon dioxide equivalent.
- The minimum total of the costs of these projects is \$8.7 billion.

OUR PLANS

- Major infrastructure investment for NSW electricity businesses in 2005-06 alone is estimated at close to \$1.3 billion.
- The Government will complete consideration of submissions on the Energy Green Paper. A White Paper will be prepared which details the Government's long term approach to generation including environmental planning policy, greenhouse policy, total price regulation, and industry structure.
- Macquarie Generation will continue \$61.5 million of upgrades at the Liddell power station.
- Eraring Energy will continue the replacement of the Integrated Control Management Systems, and the refurbishment at the Eraring Power Station.
- Delta Electricity will refurbish the Wallerawang Power Station for \$25 million.
- In this financial year, TransGrid is planning to spend \$160 million in capital works, including the replacement of the Yass substation and upgrades to others.
- EnergyAustralia will invest over \$400 million in 2004-05 which includes upgrades to seven zone substations in the Hunter, the Green Square substation and network upgrades in Newcastle and Mosman.
- Integral Energy will spend \$300 million in 2004-05 including the rebuilding of the Werrington substation and upgrades to the Mamre substation.
- Country Energy is planning to spend \$350 million in 2004-05 including work on the Cudgen and Griffith substations; the Moonee to Coffs Harbour line, undergrounding at Terranora, and the Bohnock Tee to Forster feeder.
- Australian Inland will invest \$4.2 million in 2004-05 to augment the electricity network in the Broken Hill and Wentworth-Balranald regions.
- The minimum total of the costs of these projects is \$2.8 billion.

WATER

OUR ACHIEVEMENTS

- Since 1995-96, more than \$4.6 billion has been spent on water and waste water capital works.
- The Government has developed a 25 year plan to secure Sydney's water supply.
- Under the Country Towns Water Supply and Sewerage Program, which commenced in 1996, \$639.2 million has been spent installing and expanding water and sewerage services. This includes 33 new sewerage schemes at locations including Coopernook, Mogo and Hat Head; 87 water supply schemes including Gloucester, Nimbin and Trundle; and 70 sewerage expansions including Parkes, Shoalhaven and Tamworth.
- Through *State Water* \$73 million has been invested securing water supplies at: Burrinjuck Dam, Pindari Dam and Hume Dam as well as in an eight year infrastructure upgrade program.
- Through *Sydney Water* the Government has invested \$3.5 billion in major infrastructure for Sydney water including:
 - the replacement or installation of around 2,500km of water or wastewater pipes;
 - \$183 million on new sewerage schemes at Picton, Blue Mountains, Bundeena/Maianbar, and Gerringong/Gerroa.
 - upgrades to around 280 pumping stations;
 - a \$17 million upgrade of the Malabar sewage treatment plant;
 - \$26 million upgrades to Hornsby and Hornsby Heights sewage treatment plants;
 - \$19 million of new sewerage pumps at the North Head sewage treatment plant;
 - construction of the \$465 million Northside Storage Tunnel;
 - \$12 million upgrade sewerage infrastructure at Chatswood;
 - \$15 million upgrade to the Richmond sewage treatment plant, incorporating the provision of recycled water;
 - \$21 million for the upgrade of the Woronora pipeline;
 - \$90 million of improvements to the Cronulla sewage treatment plant;
 - \$65 million of sewerage infrastructure to improve service at Hoxton Park;
 - \$20 million upgrade of the Liverpool sewage treatment plant; and
 - \$15.5 million of upgrades at Penrith and Glenbrook sewage treatment plants along the Hawkesbury River.

- Through *Hunter Water*, the Government has invested over \$200 million in major water and sewerage infrastructure in the Hunter.
- This includes the \$153 million Hunter Water Sewerage Project which provides reticulated sewerage to around 20,000 properties; sewage treatment systems at Morpeth, Shortland and Raymond Terrace at a combined cost of \$45 million; wastewater transfer systems at Stockton and Medowie costing a total of \$17 million; the \$8.5 million Tomago to Tomaree Trunk Water Pipeline and the \$7.4 million Cardiff Carriermain and Pumping Station.
- The minimum total of the costs of these projects is \$4.6 billion.

OUR PLANS

- The Government has approved a 25 year Metropolitan Water Plan which will:
 - Upgrade Tallowa Dam and construct pipelines and tunnels to bring water from the Shoalhaven catchment to Sydney catchment. Stage one is expected to cost \$250 million and Stage two (subject to assessment following completion of the first stage) would cost around \$430 million.
 - Deliver a \$106 project to upgrade infrastructure at Avon, Warragamba and potentially Nepean Dams to maximise the volume of water that can be extracted.
 - Provide \$4 million to investigate groundwater sources around Sydney.
 - Provide \$4 million to plan and design a desalination plant for Sydney should the current drought continues beyond two years.
- Major infrastructure investment for water - excluding environment protection programs - is estimated to total \$226 million in 2004-05.
- *Sydney Water* and *Hunter Water* plan to invest \$131 million and \$18 million, respectively, in 2004-05 on various projects to maintain, upgrade and ensure the security of water treatment and distribution networks.
- *Sydney Catchment Authority* plans to invest \$49 million in 2004-05, primarily on the construction and renewal of assets used to collect, store and deliver bulk water. The program includes continued construction of associated elements of the auxiliary spillway at Warragamba Dam to ensure dam safety, and upgrading and renewal of dams, pipelines and other catchment infrastructure.
- *State Water* is planning to invest \$25.9 million on maintaining and upgrading infrastructure assets, including major dams and weirs, to ensure efficient supplies for stock, domestic, irrigation and town water users in country New South Wales.

- *Australian Inland* will spend \$1.2 million in 2004-05 in the first stage of an upgrade to its water filtration plant in Broken Hill.
- *Sydney Water* environment protection investment of \$384 million is forecast for 2004-05 including: \$98 million upgrading sewerage treatment plants including Bondi; enhancements to the sewer overflow abatement program to the 27 sewerage systems serving Sydney and the Blue Mountains.
- Through the Living Murray initiative, the NSW Government will invest \$150 million in projects to protect and restore the River Murray.
- Through the National Water Initiative, the Great Anabranch pipeline will be delivered to irrigators in the Murray River to significantly reduce transmission and evaporation losses.
- The minimum total of the costs of these projects is \$1.55 billion.

WORKING WITH THE PRIVATE SECTOR

Since 1995, the private sector has invested around \$11 billion in infrastructure. This investment has contributed to the creation of thousands of jobs and generated billions of dollars of economic activity.

NSW leads the nation in the delivery of infrastructure as public / private partnerships.

The Carr Government has secured 17 projects worth a total of \$5.7 billion by using private investment since 1996, including projects of national significance such as the \$1.5 billion Westlink M7.

There are currently \$2.5 billion of infrastructure projects being offered to the private sector as public / private partnerships.

The Carr Government has implemented plans such as the 'Working with Government' policy in 2001 to expand private sector investment in social infrastructure projects such as schools, hospitals and social housing.

OUR ACHIEVEMENTS

- At a combined cost of over \$1.3 billion, the Olympic Village, the Olympic Stadium and the Olympic Multiple Use Arena were constructed in collaboration with the private sector for the 'best ever' Olympic Games in 2000.
- The \$700 million Eastern Distributor has dramatically reduced the time required to travel from the CBD to the airport. The Eastern Distributor avoids 19 sets of traffic lights between the city and the airport.
- The \$20 million extension of the light rail service to Lilyfield reintroduced 'trams' to the inner west and reduced travel times from Catherine Street Lilyfield to Darling Harbour to just 10 minutes.
- The \$84 million 'New Schools' project to build nine new schools in north and north-western Sydney, the Central Coast and the Illawarra. When completed, the nine schools will cater for 2000 high school students, up to 3800 primary students and 85 children with specific needs.

OUR PLANS

- The \$1.5 billion Westlink M7 which is currently under construction. The Westlink M7 will dramatically improve access to Western Sydney. It will bypass up to 56 sets of traffic lights and reduce travelling time across Western Sydney by up to an hour.

- The \$1.1 billion Lane Cove Tunnel which is under construction. The Lane Cove Tunnel will be a key link in the orbital road network connecting the Gore Hill Freeway with the M2. It will result in a faster journey between Sydney's CBD and its North-West.
- The \$680 million Cross City Tunnel which is under construction. The Cross City Tunnel will remove more than 90,000 vehicles every day from CBD streets and bypass 18 sets of traffic lights, cutting trips from up to 20 minutes to just two.
- The replacement of 498 electric train carriages to provide up-to-date and air-conditioned rail transport for commuters at a cost of at least \$1.5 billion.
- The \$132 million redevelopment of the Mater Hospital and expansion of the James Fletcher hospital in Newcastle.
- Construction of a new \$100 million transport interchange at Chatswood.
- \$500 million Bonnyrigg Living Communities Project to improve amenity in the area through redevelopment, facilities management and community building activities.
- The \$108 million redevelopment of the Long Bay Prison hospital and construction of a new forensic hospital at Long Bay.
- The \$192 million joint venture to build energy generation plants powered by a sugarcane by-product.