



Transport for NSW

# Infrastructure Pipeline 2024



October 2019

# Foreword



## Message from the Hon. Andrew Constance, MP

The NSW Government is investing in the largest transport infrastructure program our country has seen with \$55.6 billion allocated across the next four years to deliver on the commitments made to ease congestion, connect communities and improve journeys.

At the heart of this investment is a focus on our customers – the people of NSW. It’s all about delivering on our commitments and moving people safely and more efficiently, in a highly integrated transport system that supports economic growth and connected communities – from the city to the bush.

Our investment will provide our growing population with the options they need to move around greater Sydney and across the vast expanses of our State – from road, rail, bus to ferries.

\$480 million has been allocated to upgrade sections of Mamre and Mulgoa roads to support the fastest growing region in NSW – Western Sydney. This investment, like the \$450 million allocated to ease congestion at key pinch points demonstrates the commitment to local and major motorway road projects across Greater Sydney. The NSW Government is transforming how our customers use our roads to improve connections, ease congestion and ensure faster, safer and more reliable journeys.

In response to the rapid increase in patronage and trips on the Sydney Train heavy rail network we are investing over \$4.3 billion into the More Trains, More Services program to transform the rail network and provide customers with more reliable, high capacity turn up and go services.

We are keeping our promises to our customers, by fully funding Sydney Metro West, placing us in a stronger position than ever to expedite construction on this pivotal project. The completion of this will see a doubling of the existing capacity on the T1 Western Line and travel times reduced between Greater Paramatta and the Sydney CBD to around twenty minutes. This project alone will create 10,000 direct and 70,000 indirect jobs.

This scale of investment in road and rail infrastructure, demands a pipeline of skilled and capable people to deliver these projects. The jobs created will support local communities and ensure there are social and economic benefits to the investments we make across NSW.

We’ve always had a simple, but very important goal – to make NSW an even better place to live, work and do business. All the projects backed by the NSW Government’s investment in infrastructure will enable us to reach that goal and achieve a connected transport system that improves our customers’ journeys and the communities they live in for generations to come.

The Hon. Andrew Constance MP  
**Minister for Transport and Roads**  
**Leader of the House**



## Message from the Hon. Paul Toole, MP

The NSW Government is investing record amounts in regional road, rail and freight networks to meet the demands of our communities today and unlock opportunities for future growth.

We are investing where we need it – in rail and road networks to better connect our communities and to make our regional economy stronger; in freight road and rail corridors to allow businesses to get goods to intrastate, interstate and international markets quicker and more efficiently.

We are delivering better connections for communities across the State – from our \$2.5 billion investment into duplication of the Great Western Highway between Katoomba and Lithgow to the sealing of our most remote highways, the Silver City and the Cobb, in the State’s far west.

Our investment is delivering safer and faster trips for our customers. The Coffs Harbour bypass will be the final link in the transformation of the Pacific Highway between Hexham and the Queensland border and cut a further 11 minutes from travel times.

On the Princes Highway, we’ll build on our \$1.5 billion investment with a further \$960 million of work between Nowra and the Victorian border to make trips safer and more efficient.

With two thirds of fatalities occurring on country roads, we’ll maintain our unwavering commitment to road safety for the people of NSW. Safety treatments like audio tactile line marking, flexible safety barriers and wide centerlines will help to reduce run-off-road and head-on crashes as part of the Road Safety Plan 2021.

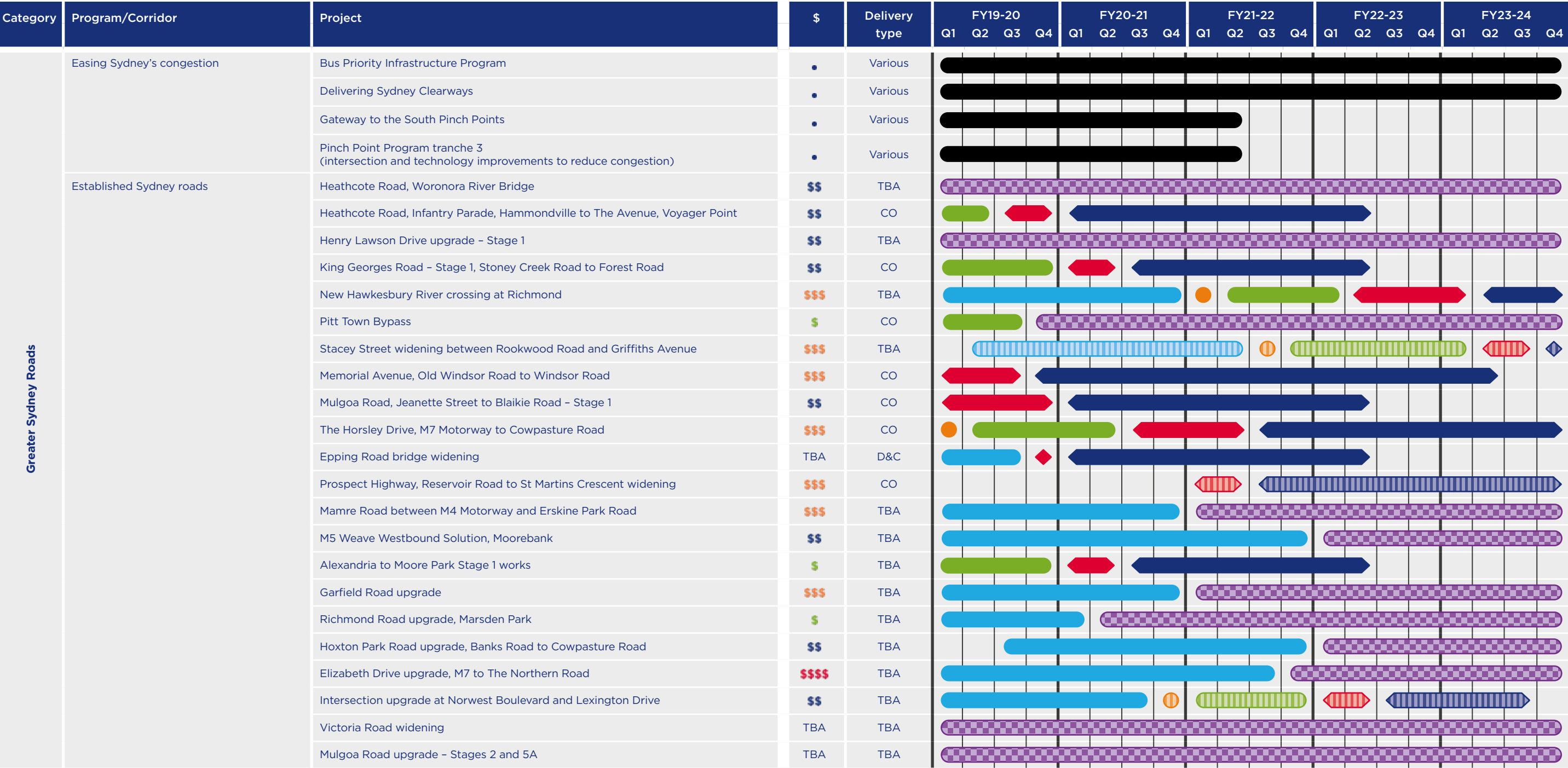
We are providing more effective and efficient transport opportunities within regional and rural NSW.


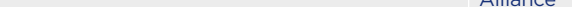
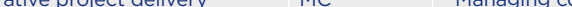

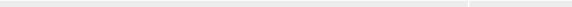
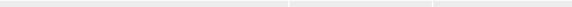

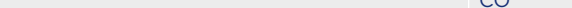
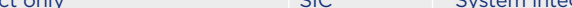

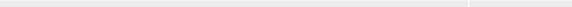

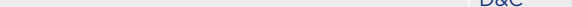
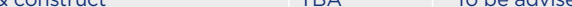
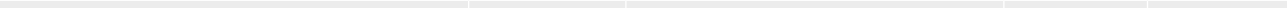

Regional customers will have more reliable travel options with improved safety, accessibility and amenities with the new regional rail fleet expected to be running from 2023. Along with the new trains, the new purpose-built train maintenance facility in Dubbo will create job opportunities and boost the local economy.

It is an exciting time for regional and rural NSW and I look forward to moving forward with these initiatives that will support the efficient movement of goods and people to their destinations, stimulate economic growth and give back to our customers and the communities that they live in.

The Hon. Paul Toole MP  
**Minister for Regional Transport and Roads**

Project Pipeline



| Estimated project value   |   | Delivery type |                                |         |                                      | Project stage                                  | Confirmed  | Scope, funding and/or timing to be confirmed  |
|---|---|---------------|--------------------------------|---------|--------------------------------------|--|--|---|
|    | Up to \$50M   | Alliance      | Collaborative project delivery | MC      | Managing contractor                  | Concept design and/or environmental assessment |   |  |
|    | \$50M – \$150M  | CO            | Construct only                 | SIC     | System integration and commissioning | Detailed design procurement                    |   |  |
|    | \$150M – \$500M                                       | D&C           | Design & construct             | TBA     | To be advised                        | Detailed design                                |   |  |
|    | Over \$500M   | PPP           | Public-private partnership     | Various | Mixture of delivery types            | Construction procurement                       |   |  |
|    | Rolling program with ongoing procurement and delivery |               |                                |         |                                      | Construction and commissioning                 |   |  |
| <b>Note:</b> The information provided is subject to change (including staging, funding, acquisitions, planning approvals, rail possessions and procurement method). |   |               |                                |         |                                      | Rolling program                                |  |   |
|   |   |               |                                |         |                                      | Project staging not yet available              |  |   |



Project Pipeline

| Category             | Program/Corridor                   | Project   | \$       | Delivery type | FY19-20 |    |    |    | FY20-21 |    |    |    | FY21-22 |    |    |    | FY22-23 |    |    |    | FY23-24 |    |    |    |
|----------------------|------------------------------------|---|----------|---------------|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|
|                      |                                    |   |          |               | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 |
| Greater Sydney Roads | Growth roads                       | Spring Farm Parkway – Stage 1   | \$\$     | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Bandon Road Link, rail underpass between Richmond Road and Windsor Road | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Cambridge Avenue extension  | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Southern Link Road, Horsley Park  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Denmark Link Road   | TBA      | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Sydney motorways                   | M6 Stage 1 (formerly F6 Extension Stage 1)                              | \$\$\$\$ | D&C           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Sydney Gateway  | \$\$\$\$ | D&C           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Western Harbour Tunnel and Beaches Link                                 | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Warringah Freeway upgrade   | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Western Harbour Tunnel  | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Beaches Link  | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | M4 Motorway, Hill Road westbound off ramp                               | \$\$     | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | M12 Motorway (M7 to The Northern Road)                                  | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Western Sydney Infrastructure Plan | Package 1 – Western section   | \$\$\$   | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Package 2 – Central section   | \$\$\$   | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    | Package 3 – Eastern section   | \$\$\$   | D&C           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |                                    |   |          |               |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |

| Estimated project value |   | Delivery type |                                |         |                                      | Project stage                                  | Confirmed | Scope, funding and/or timing to be confirmed |
|-------------------------|---|---------------|--------------------------------|---------|--------------------------------------|--|-----------|--|
| \$                      | Up to \$50M   | Alliance      | Collaborative project delivery | MC      | Managing contractor                  | Concept design and/or environmental assessment |           |  |
| \$\$                    | \$50M – \$150M  | CO            | Construct only                 | SIC     | System integration and commissioning | Detailed design procurement                    |           |  |
| \$\$\$                  | \$150M – \$500M                                       | D&C           | Design & construct             | TBA     | To be advised                        | Detailed design                                |           |  |
| \$\$\$\$                | Over \$500M   | PPP           | Public-private partnership     | Various | Mixture of delivery types            | Construction procurement                       |           |  |
| •                       | Rolling program with ongoing procurement and delivery |               |                                |         |                                      | Construction and commissioning                 |           |  |
|                         |   |               |                                |         |                                      | Rolling program                                |           |  |
|                         |   |               |                                |         |                                      | Project staging not yet available              |           |  |

**Note:** The information provided is subject to change (including staging, funding, acquisitions, planning approvals, rail possessions and procurement method).

Project Pipeline

| Category             | Program/Corridor                         | Project   | \$       | Delivery type | FY19-20 |    |    |    | FY20-21 |    |    |    | FY21-22 |    |    |    | FY22-23 |    |    |    | FY23-24 |    |    |    |
|----------------------|--|---|----------|---------------|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|
|                      |  |   |          |               | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 |
| Greater Sydney Rail  | Commuter car park program                | New and upgraded car parks at transport interchanges  | \$\$\$   | D&C           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Electrical isolation improvement program | Isolation improvements including upgrading remote switching and circuit breaker replacement               | \$\$\$\$ | Alliance      |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Integrated power program                 | Power supply upgrades   | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | More Trains More Services                | More Trains, More Services – Stage 2 (capacity upgrades to the T4, T8 and South Coast lines)              | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | More Trains, More Services – Future stages (capacity upgrades to the T1, T4, T5, T8 & T9 lines)           | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Digital Systems (various stages)  | \$\$\$\$ | SIC           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Signalling interlocking upgrade projects | Upgraded computer based interlockings   | •        | D&C           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Signalling projects                      | Various upgraded equipment and computer based system interlockings and controls                           | •        | D&C           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Sydney Metro                             | Sydney Metro City & Southwest   | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Barangaroo Station contract package   | \$\$\$   | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Crows Nest Station contract package   | \$\$\$   | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | South West Metro Station upgrades (various contract packages)   | \$\$     | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Sydney Metro West (including the tunnelling west contract package to commence procurement Q2 FY19-20)     | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Sydney Metro Greater West   | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Sydney Metro Northwest Precinct development (being developed by Landcom in partnership with Sydney Metro) | •        | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      | Timetable technology solutions           | Rail timetable technology upgrade   | TBA      | SIC           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
| Greater Sydney Place | Placemaking                              | Macquarie University Station Bus Interchange and Layover  | \$\$     | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Central Precinct renewal program  | TBA      | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Circular Quay renewal (including wharf upgrade)   | TBA      | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Redfern and North Eveleigh precinct renewal   | TBA      | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                      |  | Transport related developments  | TBA      | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
| Other                | Light Rail                               | Parramatta Light Rail – Stage 2   | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |

| Estimated project value   |   | Delivery type |                                |         |                                      | Project stage                                  | Confirmed   | Scope, funding and/or timing to be confirmed |
|---|---|---------------|--------------------------------|---------|--------------------------------------|--|-------------|--|
| 💰   | Up to \$50M   | Alliance      | Collaborative project delivery | MC      | Managing contractor                  | Concept design and/or environmental assessment | <div></div> | <div></div>                                  |
| 💰💰  | \$50M – \$150M  | CO            | Construct only                 | SIC     | System integration and commissioning | Detailed design procurement                    | <div></div> | <div></div>                                  |
| 💰💰💰   | \$150M – \$500M                                       | D&C           | Design & construct             | TBA     | To be advised                        | Detailed design                                | <div></div> | <div></div>                                  |
| 💰💰💰💰  | Over \$500M   | PPP           | Public-private partnership     | Various | Mixture of delivery types            | Construction procurement                       | <div></div> | <div></div>                                  |
| ●   | Rolling program with ongoing procurement and delivery |               |                                |         |                                      | Construction and commissioning                 | <div></div> | <div></div>                                  |
| <b>Note:</b> The information provided is subject to change (including staging, funding, acquisitions, planning approvals, rail possessions and procurement method). |   |               |                                |         |                                      | Rolling program                                | <div></div> |  |
|   |   |               |                                |         |                                      | Project staging not yet available              | <div></div> |  |

Project Pipeline

| Category                 | Program/Corridor         | Project  | \$       | Delivery type | FY19-20     |             |             |             | FY20-21     |             |             |             | FY21-22     |             |             |             | FY22-23     |             |             |             | FY23-24     |             |             |             |
|--------------------------|--------------------------|--|----------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                          |                          |  |          |               | Q1          | Q2          | Q3          | Q4          | Q1          | Q2          | Q3          | Q4          | Q1          | Q2          | Q3          | Q4          | Q1          | Q2          | Q3          | Q4          | Q1          | Q2          | Q3          | Q4          |
| Transport Access Program | Transport Access Program | Redfern Station upgrade - new southern concourse                     | \$\$     | TBA           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | Transport Access Program tranche 3                                   | \$\$\$\$ | Various       | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 1A - Kingswood, Hazelbrook, North Strathfield and Glenbrook          | \$       | MC            | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 2A - Wahroonga, Petersham, Bexley North, Como, Beecroft              | \$\$     | MC            | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 1A - Waratah, Wyee   | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 2A - Warrawee, Hawkesbury River                                      | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 3A - Mittagong, Fairy Meadow   | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 1B - Roseville, Banksia, Birrong, Canley Vale, Wollstonecraft        | \$\$     | MC            | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 2B - Stanmore, Point Clare, Denistone, East Hills, Waitara           | \$       | MC            | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 3 - Thornleigh, Normanhurst, St Peters, Erskineville, Yagoona        | \$\$     | MC            | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 1B - Niagara Park, Ourimbah  | \$\$     | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 2 - Narara, Lisarow, Pymble  | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 3 - Unanderra, Towradgi  | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 3B - Goulburn  | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 3D - Dapto (level crossing option), Bellambi (level crossing option) | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 4A - Lapstone, Faulconbridge   | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | 4B - Clarendon (level crossing option), Blackheath                   | \$       | D&C           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | Commuter wharf upgrades package 3                                    | TBA      | TBA           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
|                          |                          | Tuggerah Station and Moss Vale Station accessibility upgrades        | TBA      | TBA           | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |
| Other                    | Active Transport         | Various walking and cycling projects across NSW                      | .        | Various       | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> | <div></div> |

| Estimated project value   |   | Delivery type |                                |         |                                      | Project stage                                  | Confirmed   | Scope, funding and/or timing to be confirmed |
|---|---|---------------|--------------------------------|---------|--------------------------------------|--|-------------|--|
| 💵   | Up to \$50M   | Alliance      | Collaborative project delivery | MC      | Managing contractor                  | Concept design and/or environmental assessment | <div></div> | <div></div>                                  |
| 💵💵  | \$50M – \$150M  | CO            | Construct only                 | SIC     | System integration and commissioning | Detailed design procurement                    | <div></div> | <div></div>                                  |
| 💵💵💵   | \$150M – \$500M                                       | D&C           | Design & construct             | TBA     | To be advised                        | Detailed design                                | <div></div> | <div></div>                                  |
| 💵💵💵💵  | Over \$500M   | PPP           | Public-private partnership     | Various | Mixture of delivery types            | Construction procurement                       | <div></div> | <div></div>                                  |
| 📊   | Rolling program with ongoing procurement and delivery |               |                                |         |                                      | Construction and commissioning                 | <div></div> | <div></div>                                  |
| <b>Note:</b> The information provided is subject to change (including staging, funding, acquisitions, planning approvals, rail possessions and procurement method). |   |               |                                |         |                                      | Rolling program                                | <div></div> |  |
|   |   |               |                                |         |                                      | Project staging not yet available              | <div></div> |  |

Project Pipeline

| Category                              | Program/Corridor      | Project  | \$       | Delivery type | FY19-20 |    |    |    | FY20-21 |    |    |    | FY21-22 |    |    |    | FY22-23 |    |    |    | FY23-24 |    |    |    |
|---------------------------------------|-----------------------|--|----------|---------------|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|
|                                       |                       |  |          |               | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 |
| Regional and Outer Metropolitan Roads | Bells Line of Road    | Scenic Hill upgrade near Lithgow   | \$       | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Central Coast roads   | Manns Road upgrade, Stockyard Place to Narara Creek Road   | \$\$     | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Pacific Highway and Manns Road, Narara Creek Road to Parsons Road                                | \$\$\$\$ | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Pacific Highway, Wyong Town Centre   | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Great Western Highway | Intersection improvements on Blackwall Road and Memorial Avenue                                  | \$       | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Central Coast Highway, Wamberal to Bateau Bay  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Great Western Highway between Katoomba and Lithgow   | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Medlow Bath upgrade  | \$       | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Mount Victoria Bypass  | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Mount Victoria to Little Hartley   | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Hunter roads          | Jenolan Caves Road to Forty Bends  | \$\$\$\$ | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Cessnock Road flood immunity at Testers Hollow   | \$       | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Golden Highway, flood immunity at Mudies Creek   | \$       | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Newcastle Inner City Bypass, Rankin Park to Jesmond  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Pacific Highway (City Road) intersection upgrades at Northcott Drive and Kahibah Road Highfields | \$       | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Pacific Motorway (M1), extension to Raymond Terrace  | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Pacific Highway, Kings Hill interchange  | \$\$     | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Nelson Bay Road improvements   | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Pacific Highway, Hexham straight widening  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Fingal Bay Link Road   | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | New England Highway   | Belford to Golden Highway upgrade  | \$\$     | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Singleton Bypass   | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |                       | Muswellbrook Bypass  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |

| Estimated project value                               |                 | Delivery type |                                |         |                                      | Project stage                                  |  | Confirmed | Scope, funding and/or timing to be confirmed |
|---|-----------------|---------------|--------------------------------|---------|--------------------------------------|--|--|-----------|--|
| \$  | Up to \$50M     | Alliance      | Collaborative project delivery | MC      | Managing contractor                  | Concept design and/or environmental assessment |  |           |  |
| \$\$  | \$50M - \$150M  | CO            | Construct only                 | SIC     | System integration and commissioning | Detailed design procurement                    |  |           |  |
| \$\$\$  | \$150M - \$500M | D&C           | Design & construct             | TBA     | To be advised                        | Detailed design                                |  |           |  |
| \$\$\$\$  | Over \$500M     | PPP           | Public-private partnership     | Various | Mixture of delivery types            | Construction procurement                       |  |           |  |
| Rolling program with ongoing procurement and delivery |                 |               |                                |         |                                      | Construction and commissioning                 |  |           |  |
|   |                 |               |                                |         |                                      | Rolling program                                |  |           |  |
|   |                 |               |                                |         |                                      | Project staging not yet available              |  |           |  |

**Note:** The information provided is subject to change (including staging, funding, acquisitions, planning approvals, rail possessions and procurement method).

Project Pipeline

| Category                              | Program/Corridor                            | Project  | \$       | Delivery type | FY19-20 |    |    |    | FY20-21 |    |    |    | FY21-22 |    |    |    | FY22-23 |    |    |    | FY23-24 |    |    |    |
|---------------------------------------|---|--|----------|---------------|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|
|                                       |   |  |          |               | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 | Q1      | Q2 | Q3 | Q4 |
| Regional and Outer Metropolitan Roads | Newell Highway                              | Newell and Mitchell Highway intersection upgrade, Dubbo                              | \$       | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | New Dubbo Bridge   | \$\$     | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | North Moree heavy duty pavement  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | North Narrabri to Moree heavy duty pavement  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Parkes Bypass  | \$\$\$   | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Pacific Highway                             | Coffs Harbour Bypass   | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Princes Highway                             | Nowra Bridge replacement over Shoalhaven River                                       | \$\$\$   | D&C           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Princes Highway upgrade program  | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Jervis Bay Road to Sussex Inlet Road   | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Moruya Bypass  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Milton/Ulladulla Bypass  | \$\$\$   | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Burrill Lake to Termeil  | \$\$\$\$ | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Kings Highway, Nelligen Bridge replacement   | \$\$     | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Cobb Highway, approach roadworks for New Echuca – Moama Bridge over the Murray River | \$\$     | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Regional NSW major road and bridge upgrades | Burley Griffin Way and Irrigation Way intersection upgrade, Yoogali                  | \$       | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Barton Highway improvements  | \$\$\$   | Alliance      |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Hume Highway heavy duty pavement upgrade, Marulan                                    | \$       | CO            |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   | Silver City and Cobb Highway seal extension  | \$\$\$   | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       |   |  |          |               |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
| Other                                 | Fast Rail                                   | Delivering a fast rail network   | .        | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Fixing Country Rail                         | Sidings, passing loops and network upgrade projects                                  | .        | Various       |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Main West capacity enhancement              | Increased network capacity projects on the Country Regional Rail Network             | \$\$     | TBA           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |
|                                       | Transport Connected Buses Program           | Smart transport systems on buses   | \$       | SIC           |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |         |    |    |    |

| Estimated project value |   | Delivery type |                                |         |                                      | Project stage                                  |  | Confirmed | Scope, funding and/or timing to be confirmed |
|-------------------------|---|---------------|--------------------------------|---------|--------------------------------------|--|--|-----------|--|
| \$                      | Up to \$50M   | Alliance      | Collaborative project delivery | MC      | Managing contractor                  | Concept design and/or environmental assessment |  |           |  |
| \$\$                    | \$50M – \$150M  | CO            | Construct only                 | SIC     | System integration and commissioning | Detailed design procurement                    |  |           |  |
| \$\$\$                  | \$150M – \$500M                                       | D&C           | Design & construct             | TBA     | To be advised                        | Detailed design                                |  |           |  |
| \$\$\$\$                | Over \$500M   | PPP           | Public-private partnership     | Various | Mixture of delivery types            | Construction procurement                       |  |           |  |
| .                       | Rolling program with ongoing procurement and delivery |               |                                |         |                                      | Construction and commissioning                 |  |           |  |
|                         |   |               |                                |         |                                      | Rolling program                                |  |           |  |
|                         |   |               |                                |         |                                      | Project staging not yet available              |  |           |  |

**Note:** The information provided is subject to change (including staging, funding, acquisitions, planning approvals, rail possessions and procurement method).



