

Infrastructure Priority List:

High Priority Projects

Problem category	Location	Proponent's proposed delivery timescale ¹	Problem description	Proposed project
Urban Congestion	Vic	Near term	Connectivity between Melbourne Airport and CBD	CityLink-Tullamarine Widening ²
National Connectivity	WA	Near term	Perth freight network capacity	Perth Freight Link

Priority Projects

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None currently*				

*Infrastructure Australia is currently assessing a number of proposed projects submitted by states and territories. These are listed in Appendix B. Projects which are positively assessed by Infrastructure Australia will be added to subsequent updates of the IPL.

Infrastructure Priority List:

High Priority Initiatives

Problem category	Location	Problem timescale ³	Initiative development stage	Problem description	Proposed initiative
Urban Congestion	NSW	Near term	Business case development	Sydney rail network capacity	Sydney Metro (high frequency rail connection from Chatswood to Bankstown via Sydney CBD)
Urban Congestion	NSW	Near term	Business case development	Sydney corridor congestion: Northern Beaches, Parramatta Road, Victoria Road	Bus Rapid Transport: Northern Beaches, Parramatta Road, and Victoria Road
Urban Congestion	NSW	Near term	Business case development	Sydney inner west road congestion	WestConnex Stage 3 road connection from M4 to M5
Urban Congestion	NSW	Near term	Business case development	Connectivity in outer western Sydney	M4 motorway upgrade (Parramatta to Lapstone)
Urban Congestion	NSW	Medium term	Business case development	Connection between inner south urban growth area and Sydney CBD	Southern Sydney to CBD public transport enhancement
Urban Congestion	Qld	Near term	Business case development	Brisbane CBD public transport capacity	Cross River Rail (passenger rail connection to and through Brisbane CBD)
Urban Congestion	Qld	Near term	Business case development	Southern Brisbane-Ipswich road network capacity	Ipswich Motorway Rocklea-Darra
Urban Congestion	SA	Near term	Business case development	Adelaide outer north east suburbs access to CBD	Gawler Line rail upgrade*
Urban Congestion	Vic	Near term	Business case development	Connectivity between Eastern Freeway and Melbourne CBD	Hoddle Street capacity upgrade*
Urban Congestion	Vic	Near term	Business case development	Melbourne outer south east suburbs access to CBD	Cranbourne-Pakenham rail line upgrade*
Urban Congestion	Vic	Near term	Business case development	Melbourne rail network capacity	Melbourne Metro Rail (Melbourne CBD rail simplification and capacity upgrade)
Urban Congestion	Vic	Near term	Business case development	Connectivity between West Gate Freeway and Port of Melbourne and CBD North	Road connection between West Gate Freeway and Port of Melbourne and CBD North
Urban Congestion	Vic	Near term	Business case development	Melbourne M80 Western Ring Road congestion	M80 Western Ring Road upgrade
Urban Congestion	Vic	Near term	Business case development	Melbourne south east road network congestion	Cranbourne-Pakenham level crossings removal

³ Problem Timescale refers to the timescale in which a problem is likely to have a material impact on national productivity: Near term: within 5 years | Medium term: within 10 years | Longer term: within 15 years

* Initiative includes a significant 'better use' component

‡ Infrastructure Australia Audit identified gap

Problem category	Location	Problem timescale ³	Initiative development stage	Problem description	Proposed initiative
Urban Congestion	Vic	Near term	Initiative development	Connectivity between Melbourne's Eastern Freeway and CityLink	Improve the connection between Eastern Freeway and CityLink [‡]
Urban Congestion	WA	Near term	Options assessment	Perth northern corridor capacity	Perth CBD-north corridor capacity [‡]
Urban Congestion	National	Near term	Initiative development	National urban road network congestion	Network Optimisation Portfolio ^{* ‡}
National Connectivity	NSW	Near term	Business case development	Sydney Port Botany Rail freight capacity	Port Botany freight rail duplication
National Connectivity	NSW	Near term	Business case development	Sydney freight rail network capacity	Chullora Junction upgrade
National Connectivity	NSW	Near term	Business case development	Sydney road network capacity: Port Botany and Airport to WestConnex	Connection from Port Botany and Sydney Airport to WestConnex at St Peters
National Connectivity	NSW	Longer term	Business case development	Sydney aviation capacity	Western Sydney Airport
National Connectivity	Qld	Near term	Options assessment	Freight rail access to Port of Brisbane	Port of Brisbane dedicated freight rail connection [‡]
National Connectivity	National	Near term	Initiative development	National strategic planning for future freight initiatives	National Freight and Supply Chain Strategy [‡]
Corridor Preservation	NSW	Near term	Options assessment	Future connectivity between Western Sydney and Central Coast/Illawarra	Preserve corridor for Outer Sydney Orbital road and rail / M9
Corridor Preservation	NSW	Near term	Options assessment	Future fuel connection to Western Sydney Airport	Preserve corridor for Western Sydney Airport fuel pipeline
Corridor Preservation	NSW	Near term	Options assessment	Future rail connection to Western Sydney Airport	Preserve corridor for Western Sydney Airport rail connection
Corridor Preservation	NSW	Near term	Options assessment	Future freight rail bypass of Newcastle urban area	Preserve corridor for Lower Hunter freight rail realignment
Corridor Preservation	NSW	Near term	Options assessment	Future freight rail capacity to Eastern Creek intermodal and Sydney Main West Line	Preserve corridor for Western Sydney Freight Line and Intermodal Terminal access
Corridor Preservation	Vic	Near term	Business case development	Future connectivity between Melbourne outer south west and outer north	Preserve corridor for Melbourne Outer Metropolitan Ring Road/E6 [‡]
Corridor Preservation	National	Near term	Business case development	Future connectivity between east coast capital cities	Preserve corridor for East Coast High Speed Rail [‡]

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Infrastructure Priority List:

Priority Initiatives

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Urban Congestion	NSW	Near term	Business case development	Inner city access to Sydney CBD	Active transport (walking and cycling) access to Sydney CBD
Urban Congestion	NSW	Near term	Initiative development	Connectivity between Parramatta - Sydney CBD	Western line CBD to Parramatta upgrade [‡]
Urban Congestion	NSW	Medium term	Options assessment	Public transport access to Parramatta CBD	Public transport access to Parramatta CBD
Urban Congestion	NSW	Medium term	Options assessment	Connectivity between Wollongong – Sydney CBD	Extend M1 from Waterfall to Sydney motorway network
Urban Congestion	NSW	Longer term	Options assessment	Sydney road network cross-harbour and Northern Beaches connectivity	WestConnex Stages 4a and 4b: Western Harbour Tunnel and Beaches Link
Urban Congestion	Qld	Near term	Business case development	Gold Coast transport capacity	Gold Coast Light Rail – Stage 2 (connecting existing Gold Coast light rail to Brisbane heavy rail at Helensvale)
Urban Congestion	Qld	Near term	Business case development	Road network capacity Brisbane – Gold Coast	M1 Pacific Motorway - Gateway Motorway merge upgrade
Urban Congestion	Qld	Near term	Business case development	M1 Pacific Motorway capacity	M1 Pacific Motorway upgrade – Mudgeeraba to Varsity Lakes
Urban Congestion	SA	Near term	Business case development	Adelaide north-south urban road network capacity	Adelaide north-south corridor upgrade (remaining sections)
Urban Congestion	SA	Medium term	Options assessment	Adelaide public transport capacity	AdeLINK Tram Network (Adelaide tram network expansion)
Urban Congestion	Vic	Near term	Business case development	Melbourne urban road network congestion	Melbourne level crossings removal
Urban Congestion	Vic	Medium term	Initiative development	Access to Melbourne airport	Melbourne Airport to CBD public transport capacity [‡]
Urban Congestion	Vic	Medium term	Initiative development	Melbourne outer western suburbs access to CBD	Melton Rail Line upgrade ^{**}
Urban Congestion	Vic	Medium term	Initiative development	Connectivity between M80 and Eastlink in outer NE Melbourne	Complete Metro Ring Road from Greensborough to the Eastern Freeway [‡]
Urban Congestion	Vic	Longer term	Initiative development	Melbourne outer northern suburbs access to CBD	Melbourne outer northern suburbs to CBD capacity upgrade [‡]

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Urban Congestion	WA	Near term	Business case development	Public transport access to Perth airport	Perth – Forresterfield Airport Rail Link
Urban Congestion	WA	Medium term	Initiative development	Perth urban road network capacity	Perth major east-west and southern corridor capacity upgrades ‡
Urban Congestion	ACT	Medium term	Options assessment	Canberra CBD to north transport corridor congestion	Canberra CBD to north corridor
Urban Congestion	ACT	Medium term	Options assessment	Canberra public transport capacity	Canberra public transport improvements
National Connectivity	NSW	Near term	Business case development	Melbourne – Brisbane connectivity	Newell Highway upgrade
National Connectivity	NSW	Medium term	Business case development	Sydney – Brisbane connectivity	New England Highway upgrade
National Connectivity	NSW	Near term	Business case development	Sydney – Brisbane connectivity	Pacific Highway (A1) - Coffs Harbour Bypass Stage 1
National Connectivity	NSW	Near term	Business case development	Sydney – Brisbane connectivity	Pacific Highway (M1) – extension to Raymond Terrace Stage 1
National Connectivity	NSW	Near term	Business case development	Access to Western Sydney and Western Sydney Airport	Western Sydney roads upgrade ‡
National Connectivity	NSW	Near term	Business case development	Freight rail access to Port Kembla	Freight rail access to Port Kembla
National Connectivity	NSW	Near term	Options assessment	Road network connectivity to Moorebank Intermodal Terminal	Moorebank Intermodal Terminal road connection upgrade
National Connectivity	NSW	Longer term	Business case development	Sydney freight rail network capacity	Northern Sydney Freight Corridor Stage 2 (additional track West Ryde to Rhodes and Thornleigh to Hornsby)
National Connectivity	NSW	Longer term	Business case development	Sydney South to Moorebank rail freight capacity	Southern Sydney Freight Line upgrade
National Connectivity	NSW	Longer term	Options assessment	Freight rail capacity constraint in suburban Newcastle	Lower Hunter freight corridor construction
National Connectivity	NSW	Longer term	Options assessment	Connectivity between Newcastle, Wollongong and Sydney CBD	Newcastle – Sydney and Wollongong – Sydney rail line upgrades
National Connectivity	NSW	Longer term	Options assessment	Access to Western Sydney Airport	Western Sydney Airport public transport connection
National Connectivity	Qld	Near term	Various stages	Queensland coastal cities connectivity	Bruce Highway upgrade
National Connectivity	Qld	Near term	Business case development	Queensland north coast rail congestion	Beerburrum to Nambour rail upgrade

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National Connectivity	Qld	Medium term	Options assessment	Land and sea access to Port of Gladstone	Gladstone Port land and sea access upgrade
National Connectivity	Qld	Medium term	Business case development	Mt Isa – Townsville rail capacity	Mount Isa – Townsville rail corridor upgrade
National Connectivity	Qld	Near term	Business case development	Cunningham Highway – Yamanto to Ebenezer/ Amberley congestion	Cunningham Highway – Yamanto to Ebenezer/ Amberley upgrade
National Connectivity	SA	Near term	Business case development	Access to Cooper Basin (South Australia)	Strzelecki Track sealing and mobile coverage
National Connectivity	SA	Medium term	Business case development	South Australia bulk port capacity	South Australian regional mineral port development
National Connectivity	SA	Medium term	Options assessment	South Australia road freight network capacity	Sturt Highway High Productivity Vehicle capacity enhancement, including Truro bypass
National Connectivity	SA	Medium term	Options assessment	Freight rail connection to Gawler Craton mineral province	Gawler Craton rail access
National Connectivity	SA	Longer term	Options assessment	Freight connectivity Melbourne – Perth	Melbourne – Adelaide – Perth rail upgrade
National Connectivity	Tas	Medium term	Options assessment	Tasmania Derwent River crossing capacity	Derwent River crossing capacity
National Connectivity	Tas	Medium term	Options assessment	Tasmania freight network planning	Burnie to Hobart freight corridor strategy
National Connectivity	Vic	Near term	Business case development	Freight rail connection Murray Basin to Ports of Geelong and Portland	Murray Basin rail upgrade
National Connectivity	Vic	Near term	Initiative development	Melbourne aviation capacity	Melbourne Airport third runway [‡]
National Connectivity	Vic	Longer term	Initiative development	Melbourne container terminal capacity	Melbourne container terminal capacity enhancement [‡]
National Connectivity	WA	Medium term	Initiative development	Perth airport capacity	Perth Airport third runway [‡]
National Connectivity	WA	Longer term	Initiative development	Perth container terminal capacity	Perth container terminal capacity enhancement [‡]
National Connectivity	National	Longer term	Business case development	Freight connectivity Melbourne-Brisbane	Inland Rail (Melbourne to Brisbane via inland NSW)
National Connectivity	National	Near term	Business case development	Rail freight capacity constraint on ARTC network	Advanced Train Management System implementation on ARTC network*
Remote infrastructure	WA	Near term	Options assessment	Constrained road access to remote WA communities	Improve road access to remote WA communities [‡]

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Remote infrastructure	NT	Near term	Business case development	Infrastructure services for remote NT communities	Provision of enabling infrastructure and essential services to remote NT communities (Wadeye, Tiwi Islands, Jabiru)
Remote infrastructure	NT	Near term	Business case development	Constrained access to the Tanami region	Upgrade Tanami Road
Opportunity for Growth	Qld	Medium term	Options assessment	Opportunity to develop industry and agriculture in Fitzroy region	Lower Fitzroy River water infrastructure development [‡]
Opportunity for Growth	SA	Near term	Options assessment	Opportunity to develop industry and agriculture in Northern Adelaide region	Northern Adelaide Plains water infrastructure development
Opportunity for Growth	Tas	Near term	Business case development	Opportunity for improved agricultural water supply in Tasmania	Tasmanian irrigation schemes (Tranche 2)
Opportunity for Growth	Tas	Near term	Business case development	Opportunity to stimulate economic growth and productivity in Tasmania	Relocation of University of Tasmania STEM facilities to Hobart CBD
Water Security	NT	Medium term	Options assessment	Darwin water supply security	Darwin region water supply infrastructure upgrades
Waste water treatment	Tas	Near term	Options assessment	Tasmanian waste water treatment environmental compliance	Tasmanian sewerage infrastructure upgrades
Resilience	NSW	Near term	Business case development	Flood mitigation in Hawkesbury-Nepean Valley	Hawkesbury-Nepean Valley flood management
Efficient Markets	National	Near term	Options assessment	Constrained East Coast gas supply	Connect gas suppliers to eastern gas markets

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