

Parramatta Light Rail Stage 2

Response to Submissions – Main Report



Parramatta Light Rail Stage 2 Response to
Submissions – MainBody
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Contents

Glossary of terms and abbreviations	iii
Summary	vii
1. Introduction and background	1.1
1.1 Proponent	1.1
1.2 Introduction	1.1
1.3 Overview of the project	1.1
1.4 Purpose and structure of this report	1.4
2. Stakeholder and community engagement	2.1
2.1 Engagement overview	2.1
2.2 Exhibition activities	2.1
2.2.1 Key engagement activities during exhibition	2.3
2.3 Engagement activities carried out since exhibition	2.5
2.3.1 Ongoing engagement with landholders affected by acquisition	2.5
2.3.2 Ongoing engagement with other stakeholders and the community	2.6
2.3.3 Engagement in relation to the proposed closure of Ermington Boat Ramp	2.7
2.4 Engagement to be carried out	2.8
3. Analysis of submissions	3.1
3.1 Overview of submissions	3.1
3.2 Approach to analysing submissions and agency advice	3.1
3.2.1 Issue categorisation	3.1
3.2.2 Review of public agency submissions and advice	3.2
3.2.3 Review of community submissions	3.2
3.3 Breakdown of submissions	3.3
3.3.1 Submissions received	3.3
3.3.2 Summary of issues raised	3.4
4. Actions taken since exhibition	4.1
4.1 Project amendments and refinements	4.1
4.2 Additional assessment	4.2
4.2.1 Updated assessment reports	4.2
4.2.2 Other assessments undertaken	4.6
4.2.3 Other information	4.10
4.3 Clarifications	4.11
4.3.1 Primary project working hours	4.11
4.3.2 Provision of power supply to light rail vehicles and inclusion of wire-free sections	4.18
4.3.3 Managing impacts on trees	4.22
4.3.4 Impacts on Ermington Boat Ramp	4.25
4.3.5 Flood management objectives	4.31
4.3.6 Design excellence and bridge design	4.33

4.4	Corrections	4.34
4.4.1	Land ownership details	4.34
4.4.2	Residual land	4.34
4.4.3	Signalised traffic intersection at Murray Rose Avenue	4.35
5.	Response to NSW Government agency submissions and advice	5.1
5.1	Overview	5.1
5.2	Department of Planning and Environment (Environment and Heritage Group)	5.1
5.2.1	Flood impacts	5.1
5.2.2	Coastal hazards	5.5
5.2.3	Open space / reserve land	5.5
5.2.4	Biodiversity	5.7
5.3	Department of Planning and Environment: Water	5.23
5.3.1	Water demands, take and licensing	5.23
5.3.2	Waterfront land	5.25
5.4	Department of Primary Industries (DPI) Fisheries	5.26
5.5	NSW Environment Protection Authority (EPA)	5.26
5.5.1	Requirement for an Environment Protection Licence	5.26
5.5.2	Noise and vibration	5.27
5.5.3	Water quality	5.30
5.5.4	Contamination	5.31
5.5.5	Air quality	5.34
5.6	Heritage NSW (Aboriginal Cultural Heritage)	5.35
5.6.1	Adequacy of information	5.35
5.6.2	Opportunities to improve the ACHAR	5.36
5.6.3	Commentary on archaeological test excavation methodology	5.37
5.7	Heritage NSW (for the Heritage Council NSW)	5.38
5.7.1	Built heritage	5.38
5.7.2	Historical archaeology	5.39
5.7.3	Maritime archaeology	5.41
5.8	NSW Land and Housing Corporation (LAHC)	5.42
5.8.1	Land use and property impacts	5.42
5.8.2	Noise and vibration	5.43
5.8.3	Program of works	5.46
5.9	Sydney Olympic Park Authority	5.47
5.9.1	Addressing site-specific issues	5.47
5.9.2	Sydney Olympic Park Authority Act provisions for the parklands	5.48
5.9.3	Parklands visitor impacts	5.50
5.9.4	Expert herpetologist advice	5.51
5.9.5	Contradictory information about project physical footprint within C2 conservation areas and qualifications attached to proposed mitigation measures	5.53
5.9.6	Assessment of noise, light, vibration and disturbance impacts to fauna	5.54
5.9.7	Wentworth Point bridge design	5.55
5.9.8	Works affecting Nuwi Wetland	5.56
5.9.9	Timing of works	5.57
5.9.10	Overhead wiring	5.57
5.9.11	Construction Biodiversity Management Plan	5.58
5.9.12	Site rehabilitation and landscaping	5.59
5.9.13	Newington Nature Reserve	5.60
5.9.14	Flooding	5.60
5.9.15	Stormwater drainage works	5.61
5.9.16	Heritage	5.62
5.9.17	EIS proposed mitigation measures	5.63

5.9.18	Operating plan	5.63
5.9.19	EIS factual errors	5.64
6.	Response to council submissions	6.1
6.1	Overview	6.1
6.2	City of Parramatta Council	6.1
6.2.1	Validated community consultation on extended construction hours	6.1
6.2.2	Alignment options – Chapter 5 Design Development	6.2
6.2.3	River bridge structures	6.6
6.2.4	Green track locations	6.7
6.2.5	Wire-free running locations	6.8
6.2.6	Cut and fill, design implications and walkable neighbourhoods	6.9
6.2.7	Spoil retention within the corridor and design implications	6.10
6.2.8	Construction impacts, amenity, community reference groups	6.11
6.2.9	Operational impacts and residential amenity – groundborne vibration, groundborne noise and airborne noise	6.13
6.2.10	Cycling and pedestrian connections	6.18
6.2.11	Flood affected land and stormwater controls within the corridor	6.18
6.2.12	Public art and heritage interpretation	6.20
6.2.13	Cabinet location and disability access	6.21
6.2.14	Car parking strategy during construction	6.22
6.2.15	Assessment of lighting impacts	6.23
6.2.16	Residual land strategy	6.24
6.2.17	Tree removal	6.25
6.2.18	Improvements to heritage assessment and engagement process	6.26
6.3	City of Ryde Council	6.27
6.3.1	Introduction / project justification	6.27
6.3.2	Project construction phase	6.28
6.3.3	Alternatives and options	6.29
6.3.4	Environmental assessment / mitigation measures	6.34
6.3.5	Operational impacts	6.35
6.3.6	Specific feedback – community	6.37
6.3.7	Specific feedback – traffic, transport and parking	6.38
6.3.8	Specific feedback – property	6.40
6.4	Cumberland City Council	6.41
6.4.1	Community consultation	6.41
6.4.2	Walking and cycling links	6.41
6.4.3	Extension to Lidcombe Station and Town Centre	6.41
7.	Response to key organisation submissions	7.1
7.1	Overview	7.1
7.2	Australian Turf Club	7.1
7.2.1	Parramatta Light Rail Stage 2 alignment	7.1
7.2.2	Consultation – design, construction and pre/post operation	7.2
7.2.3	Urban design	7.3
7.2.4	Sandown Boulevard	7.4
7.2.5	Traffic and transport	7.4
7.2.6	Flood management	7.7
7.2.7	Property and access	7.8
7.2.8	Special events management	7.8
7.2.9	Operational noise and vibration	7.9
7.2.10	Impacts to businesses	7.10
7.2.11	Soils and site contamination	7.10
7.3	Royal Agricultural Society of NSW	7.12

7.3.1	EIS comments	7.12
7.3.2	Royal Agricultural Society rights over Australia Avenue and P6a car park	7.17
7.3.3	Royal Agricultural Society master plan	7.18
7.3.4	Horse exercise access	7.20
7.3.5	Proposed potential future stop at Grand Parade	7.20
7.3.6	Closure of Showground Road and extension of Murray Rose Avenue	7.21
7.3.7	Right turn into and out of Sydney Showground to and from Australia Avenue	7.22
7.3.8	Proposed overhead wiring	7.22
7.3.9	Proposed construction compounds 12 and 13	7.23
7.3.10	Cumulative impact of construction projects	7.23
7.3.11	Management of impacts during special events	7.24
7.3.12	Detailed advice on transport and traffic matters	7.26
7.4	Utility owners	7.27
7.4.1	Ampol Australia Petroleum	7.27
7.4.2	Ausgrid	7.29
7.4.3	Endeavour Energy	7.30
7.4.4	Viva Energy Australia	7.32
8.	Response to community submissions	8.1
8.1	Overview	8.1
8.2	The project – design features and operation	8.1
8.2.1	Track form and alignment	8.1
8.2.2	Light rail stops	8.6
8.2.3	Bridge between Melrose Park and Wentworth Point	8.12
8.2.4	Active transport links	8.16
8.2.5	Road network changes	8.20
8.2.6	Public domain and open spaces	8.23
8.2.7	Power supply to light rail vehicles	8.24
8.2.8	Operation of the project	8.25
8.2.9	Other design and operation issues	8.29
8.3	The project – construction	8.34
8.3.1	Delivery program	8.34
8.3.2	Working hours	8.36
8.3.3	Proposed closure of Ermington Boat Ramp	8.37
8.3.4	Transport and access	8.38
8.3.5	Construction management	8.39
8.4	Alternatives and options	8.40
8.4.1	Strategic and corridor alternatives	8.40
8.4.2	Alignment options and refinements	8.45
8.4.3	Stop options	8.52
8.4.4	Options for other project features	8.54
8.5	Procedural matters – assessment and approval	8.54
8.5.1	Adequacy of the EIS	8.54
8.5.2	Community engagement – adequacy	8.56
8.5.3	Community engagement with specific stakeholders	8.60
8.6	Transport and traffic	8.62
8.6.1	Traffic and access impacts of closing Ermington Boat Ramp during construction	8.62
8.6.2	Other construction impacts	8.63
8.6.3	Operation impacts	8.67
8.6.4	Mitigation measures	8.70
8.7	Noise and vibration	8.72
8.7.1	Adequacy of the assessment	8.72
8.7.2	Construction impacts	8.73

8.7.3	Operation impacts	8.74
8.7.4	Mitigation measures	8.77
8.8	Heritage	8.80
8.8.1	Aboriginal heritage	8.80
8.8.2	Non-Aboriginal heritage	8.80
8.9	Land use and property	8.82
8.9.1	Acquisition and property impacts as a result of the project's land requirements – public submissions	8.82
8.9.2	Acquisition and property impacts as a result of the project's land requirements – organisations and industrial landholdings	8.84
8.9.3	Impacts on property access during construction	8.91
8.9.4	Operation impacts – property access	8.91
8.9.5	Other property impacts	8.93
8.9.6	Impacts on future development	8.93
8.10	Socio-economic impacts	8.95
8.10.1	Social impacts of closing Ermington Boat Ramp	8.95
8.10.2	Business impacts	8.96
8.10.3	Other operation impacts	8.100
8.11	Landscape and visual	8.101
8.11.1	Construction impacts	8.101
8.11.2	Operation impacts	8.102
8.12	Biodiversity	8.104
8.12.1	Construction impacts	8.104
8.12.2	Operation impacts	8.105
8.13	Water	8.106
8.13.1	Flood risks and impacts	8.106
8.14	Project justification and evaluation	8.107
8.14.1	Project need	8.107
8.14.2	Costs and funding	8.108
8.15	Support/objection	8.109
8.15.1	Support for the project	8.109
8.15.2	Object to the project	8.109
8.16	Other issues	8.109
9.	Conclusion and next steps	9.1
9.1	Concluding statement	9.1
9.1.1	Statutory context summary	9.1
9.1.2	Strategic context and justification summary	9.1
9.1.3	Consideration of impacts	9.2
9.2	Updated mitigation measures	9.3
9.3	Next steps	9.3
10.	References	10.1

Tables

Table S.1	Most common issues raised in community submissions	ix
Table S.2	Summary of proposed amendments and refinements	xii
Table 1.1	Structure of this report	1.4
Table 3.1	Breakdown of submissions received	3.3
Table 3.2	Submitter locations for public submissions	3.3
Table 3.3	Most common issues raised in community submissions	3.11
Table 4.1	Summary of proposed amendments	4.1
Table 4.2	Social impacts on culture for Aboriginal communities and stakeholders	4.7
Table 4.3	Tree and hollow replacement requirements	4.24

Figures

Figure 1.1	The project	1.3
Figure 2.1	Engagement phases	2.2
Figure 2.2	Summary of key engagement outcomes	2.3
Figure 2.3	Issues raised during direct community interactions with Transport	2.4
Figure 2.4	Breakdown of key issues raised post-exhibition	2.6
Figure 3.1	Main issue types raised in public agency submissions	3.4
Figure 3.2	Key impact issues raised in public agency submissions	3.5
Figure 3.3	Transport and traffic issues raised in public agency submissions	3.5
Figure 3.4	Key project issues raised in public agency submissions	3.6
Figure 3.5	Design feature issues raised in public agency submissions	3.6
Figure 3.6	Main issue types raised in community submissions	3.7
Figure 3.7	Key project issues raised in community submissions	3.8
Figure 3.8	Design feature issues raised in community submissions	3.8
Figure 3.9	Key impact issues raised in community submissions	3.9
Figure 3.10	Transport and traffic issues raised in community submissions	3.10
Figure 3.11	Land use and property issues raised in community submissions	3.10

Appendices

Appendix A – Submissions register
Appendix B – Updated mitigation measures
Appendix C – Engagement activities and tools
Appendix D – Community Communication Strategy
Appendix E – Flexibility provisions
Appendix F – Staging Report
Appendix G – Construction Environmental Management Framework
Appendix H – Royal Agricultural Society of NSW position paper
Appendix I – Updated table of Secretary's Environmental Assessment Requirements

Glossary of terms and abbreviations

Term/abbreviation	Definition
Aboriginal site	A place where physical remains or modification of the natural environment indicate past and 'traditional' activities by Aboriginal people. Includes sites listed on the AHIMS. Also known as 'Aboriginal objects'.
ACHAR	Aboriginal cultural heritage assessment report
Acid sulfate soils (ASS)	Naturally occurring soils, sediments or organic substrates (e.g. peat) that are formed under waterlogged conditions. These soils contain iron sulfide minerals (predominantly as the mineral pyrite) or their oxidation products. In an undisturbed state below the water table, acid sulfate soils are benign. However, if the soils are drained, excavated or exposed to air by a lowering of the water table, the sulfides react with oxygen to form sulfuric acid.
Active transport	Non-motorised forms of transport involving physical activity, such as walking and cycling.
AHIMS	Aboriginal Heritage Information Management System
Alignment	The location of the track accurately defined both horizontally and vertically, along which the light rail vehicles operate.
Amendment Report	Report prepared to assess the potential impacts of the proposed amendments to the project as exhibited in the EIS.
Annual exceedance probability (AEP)	The chance of a flood of a nominated size occurring in a particular year. The chance of the flood occurring is expressed as a percentage and, for large floods, is the reciprocal of the average recurrence interval. For example, the one per cent AEP flood event is equivalent to the 100-year average recurrence interval flood event.
AS	Australian Standard
ATAC	Transport for NSW's Accessible Transport Advisory Committee
BC Act	<i>Biodiversity Conservation Act 2016</i> (NSW)
BDAR	Biodiversity development assessment report
Biodiversity	The variety of plant and animal life in the world or in a particular habitat.
Biodiversity offsets	Measures that benefit biodiversity by compensating for the adverse impacts elsewhere of an action, such as clearing for development. Biodiversity offsets work by protecting and managing biodiversity values in one area in exchange for impacts on biodiversity values in another.
Catchment	The land area draining through the main stream, as well as tributary streams, to a particular site. It always relates to an area above a specific location.
CBD	Central business district
CCTV	Closed circuit television
Climate	The average weather experienced at a site or region over a period of many years, ranging from months to many thousands of years. The relevant measured quantities are most often surface variables such as temperature, rainfall and wind.
CLM Act	<i>Contaminated Land Management Act 1997</i> (NSW)
Construction	Includes all physical work required to construct the project.
Construction compound	An area used as the base for construction activities, usually for the storage of plant, equipment and materials and/or construction site offices and worker facilities.

Term/abbreviation	Definition
Construction environmental management plan (CEMP)	A project-specific plan developed for the construction phase of a project, to ensure that all contractors and sub-contractors comply with all environmental requirements, including the conditions of approval for the project, and that the environmental risks are properly managed.
Critical State significant infrastructure	State significant infrastructure can be declared to be critical State significant infrastructure by the Minister for Planning in accordance with section 5.13 of the EP&A Act if the Minister is of the opinion that infrastructure is essential for the State for economic, environmental or social reasons.
Cth	Commonwealth
Cumulative impacts	Impacts that, when considered together, have different and/or more substantial impacts than a single impact assessed on its own.
dB	Decibels
dBA	Used as a measure of A-frequency weighed sound levels.
DBH	Diameter at breast height
DC	Direct current
DPE	Department of Planning and Environment
DPI	Department of Primary Industries
DPIE	Department of Planning, Industry and Environment (former)
EIS	Environmental Impact Statement
EMF	Electromagnetic field
Emission	A substance discharged into the air.
EP&A Act	<i>Environmental Planning and Assessment Act 1979 (NSW)</i>
EPBC Act	<i>Environment Protection and Biodiversity Act 1999 (Cth)</i>
EPL	Environment protection licence
Erosion	A natural process where wind or water detaches a soil particle and provides energy to move the particle.
FM Act	<i>Fisheries Management Act 1994 (NSW)</i>
GPOP	Greater Paramatta and Olympic Peninsula
HAMU	Historical archaeological management unit
Heritage listed	An item, building or place included on statutory heritage lists maintained by local, State and/or the Australian Government.
Hydrology	The study of rainfall and surface water runoff processes.
ICNG	Interim Construction Noise Guideline
IS	Infrastructure Sustainability
ISC (formerly ISCA)	Infrastructure Sustainability Council (formerly Infrastructure Sustainability Council Australia)
Interchange	A location where it is possible to change within or between transport modes.
L _{Aeq}	Equivalent continuous sound level.
L _{Amax}	A-weighted maximum sound level.
LAHC	NSW Land and Housing Corporation
Landscape	The overall character and function of a place and includes all elements within the public realm, and the interrelationship between these elements and the people who use it.
LEP	Local environmental plan

Term/abbreviation	Definition
Level of service	Defined by Austroads as a measure for ranking operating road and intersection conditions, based on factors such as speed, travel time, freedom to manoeuvre, interruptions, comfort and convenience.
LGA	Local government area
Magnitude	The physical size and scale of an impact at a location.
MAMU	Maritime archaeological management unit
MR	Management rating
NCA	Noise catchment area
NEPM	National Environment Protection Measures
NSW	New South Wales
NSW EPA	NSW Environment Protection Authority
PA system	Public address system
PAD	Potential archaeological deposit
PCT	Plant community type
Placemaking	A multi-faceted approach to the planning, design, and management of public spaces, which aims to create public spaces that promote people's health, happiness, and well-being.
POEO Act	<i>Protection of the Environment Operations Act 1997 (NSW)</i>
Project	The construction and operation of Stage 2 of Parramatta Light Rail.
Project site	The area that would be directly affected by construction works (also known as the construction footprint). It includes the location of project infrastructure, the area that would be directly disturbed by the movement of construction plant and machinery, and the location of the storage areas, compounds sites, etc., that would be used to construct that infrastructure.
Proponent	The organisation proposing to undertake the project (Transport for NSW).
RCP	Representative concentration pathway
Residual land	Land acquired to construct the project that is surplus to the operational requirements of the project.
Response to Submissions	Report prepared by Transport to respond to submissions received during exhibition of the EIS (this report).
Road reserve	A legally defined area of land within which facilities such as roads, footpaths and associated features may be constructed for public travel.
SEARs	Secretary's environmental assessment requirements
Sensitivity	How sensitive the existing character of a setting is to a proposed change.
SEPP	State Environment Planning Policy
SHR	State Heritage Register
SOPA	Sydney Olympic Park Authority
Stabling	The act of taking a light rail vehicle out of service and parking it in a siding or stabling facility, usually overnight or longer.
State significant infrastructure	Major transport and services infrastructure considered to have State significance as a result of size, economic value or potential impacts.
Study area	The study area is defined as the wider area including and surrounding the project site, with the potential to be directly or indirectly affected by the project (e.g. by noise and vibration, visual or traffic impacts). The actual size and extent of the study area varies according to the nature and requirements of each impact assessment technical report.
Transport	Transport for NSW

Term/abbreviation	Definition
Turnback	A junction point where a light rail vehicle can change between two routes / travel directions.
Visual amenity	The value of a particular area or view in terms of what is seen.
Waste	Includes any matter (whether liquid, solid, gaseous or radioactive) that is discharged, emitted or deposited in the environment in such volume, constituency, or manner as to cause an alteration to the environment.
Work area	Individual areas within the project site that are subject to construction at any one time.