



Australian Government



mainroads
WESTERN AUSTRALIA

BUNBURY OUTER RING ROAD | PLANNING AND DEVELOPMENT

BUILDING OUR FUTURE

Bunbury Outer Ring Road Northern & Central Community Reference Group

12 August 2019



Agenda

4:45	Arrival – light refreshments available from 4:45pm	
5.00	Meeting Purpose and Context	Linton Pike / Dominic Boyle
	Project Update	Dominic Boyle
	Northern Interchange	Dominic Boyle
	Raymond Road – Northern Ramps	Padraic Murphy
	Environmental Approval Update	Fionnuala Hannon
	Project Case Considerations	Hannah Ruprecht
	CRG Member Round Table Discussion	CRG Members
	Next Steps	Dominic Boyle
8.00	Close	Linton Pike

A blurred image of a modern, futuristic train or tram moving through a tunnel or underpass. The train is white with blue and red accents and is moving from left to right. The background consists of concrete pillars and beams. A blue rectangular overlay is positioned on the right side of the image, containing the text "Meeting Purpose and Context" in white, bold, sans-serif font.

Meeting Purpose and Context



Project Update

Dominic Boyle

Ministerial Announcement – 4 June 2019

- Southern Alignment Selection Decision / Avoidance of Tuart Tree
- Bussell Highway duplication
- Raymond Road North Facing Ramps
- Package of signing, landscaping to create gateway to Bunbury

Socio-Economic Assessment

- KPMG Draft Report Complete
- Presented to Economic Advisory Group 6th August 2019
- Report to be finalised
- Highlights impacts – positive and negative
- Quantifies “bypass effect” – typical weekday and holiday weekend

Delivery Planning

- Early Tender Advice posted on Tenders WA last week
- Alerts Industry to Upcoming Project
- Proposing single delivery contract for all sections – Alliance
- c12 month procurement process
- Expressions of Interest – September 2019
- Request for Proposals from Shortlist – March 2020
- Award late 2020
- Construction subject to approvals (incl. environmental & heritage)

Early Works Screening Planting

What is Early Works Screening Planting?

- Screening planting offered ahead of the construction stage of the project
- Includes lower, mid and upper storey plant species to create a visual screen
- Fencing to protect planting from livestock (where required)
- Approach used successfully on similar previous project
- Mitigates visual impact during construction and for long term
- Opportunities for local / aboriginal owned businesses to undertake planting and fencing



Early Works Screening Planting

Proposed location and extend for the screening planting is:

- Typically on private property (as agreed with land owners)
- As close to receiver as possible to maximise the benefits of the screening planting
- To minimise the disruption of desirable views from the dwelling
- Along existing lines in the landscape i.e. fence lines, thin rows of existing vegetation, and
- To extend as long as necessary to screen the majority of the visual impacts of BORR on the dwelling.

Residential rural dwellings with 500 m of BORR will be offered early works screening planting.

Note: Other dwellings will be considered through planting in the road reserve.



**BORR / Forrest Highway
Northern Interchange
Padraic Murphy**

BORR Northern Interchange Configuration

Design Objectives

- Provide free flow access to Bunbury
- Maintain connectivity from Paris Road to Clifton Road
- Not preclude future high speed rail.

Key considerations

- Minimise environmental impacts
- Balanced connectivity to the primary road network without overloading existing roads
- Cost effective solution



BORR Northern Interchange Configuration



BORR Northern Interchange Configuration

Next Steps

- Develop directional signage
- Investigate information signage location to promote Greater Bunbury events and attractions
- Review (and upgrade as necessary) existing tourist signage
- Investigate opportunities to provide tourist information

A blurred image of a truck driving on a road under a concrete bridge structure. The truck is moving from left to right, and the background shows the underside of the bridge with concrete beams and supports. The truck's body is white with blue and red accents, and it has a large trailer. The wheels are blurred due to motion. The overall scene is dimly lit, suggesting an overcast day or a shaded area under the bridge.

Raymond Road – Northern Ramps

Padraic Murphy

Amendment to referral boundary - Raymond Road North Facing Ramps

- Shire of Harvey / City of Bunbury feedback
- North facing ramps provide improved regional connectivity from Collie and surrounding catchments to BORR (Forrest Highway)
- Further access option for Bunbury
- Improved freight efficiency
- Improved outcome for local residents (Meadow Landing, Kingston) through diverted freight / regional traffic



Raymond Road North Facing Ramps



**RAYMOND ROAD
INTERCHANGE**



Environmental Approval Update

Fionnuala Hannon

Status of EPA referral

- Level of Assessment determined 8 July 2019
- Level of Assessment s(40)2a:
 - *Referral Information with additional information required*
- Key Environmental Factors for the ARI are
 - Flora and Vegetation
 - Terrestrial Fauna
 - Inland Waters
 - Social Surrounds

Key Factors for ARI

- Flora and Vegetation
 - Clarify occurrence and impacts to TECs and PECs
- Terrestrial Fauna
 - Clarify occurrence and impacts to blackstripe minnow, Carters Mussel and update impacts to threatened fauna

Key Factors for ARI

- Inland Waters
 - Confirm and quantify indirect impacts such as changes to hydrological regimes, changes in water quality, habitat degradation and fragmentation
- Social surrounds
 - Clarification on noise impact and mitigation

Key factors for ARI

- Environmental Management Plans
 - Flora and vegetation
 - Conservation Significant fauna
 - WRP
 - Carters freshwater mussel
 - Black stripe minnow
 - Brush tail phascogale
- Offset strategy
 - To counterbalance the residual impact

EPBC Status

- EPBC was validated and advertised 26 June 2019
- Decision timeframe is 20 business days, however backlogs and resourcing means the decision date is unknown
 - Will advise level of assessment and the additional work and processes required
 - Additional work will likely require the determination of an Offset strategy

Further Studies

- Flora and Vegetation
 - Clay Pan TEC investigation, inside and outside the referral boundary
 - Targeted surveys for *D. elastica* in the Banksia TEC
 - Flora survey to confirm Banksia TEC and native vegetation outside the referral boundary
- Terrestrial Fauna
 - WRP repeat 2018 survey
 - Cockatoo hollow verification
 - Aquatic fauna (Minnow and Mussel)

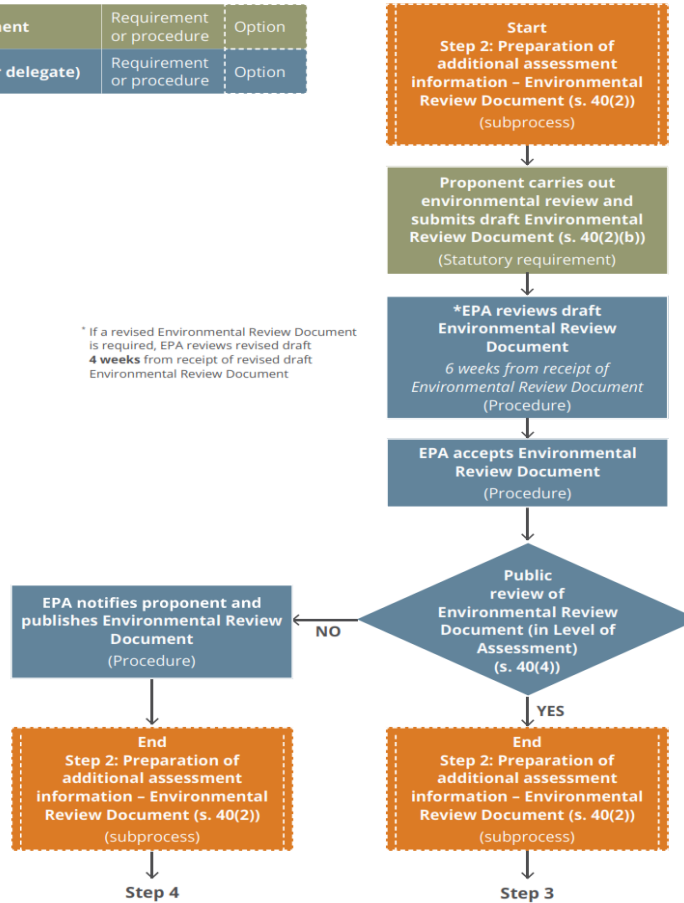
Further Studies

- Inland waters
 - Groundwater and Surface water sampling
 - Groundwater and Surface water interaction modelling
- Social surrounds
 - Additional noise modelling

Where to from here with the environmental approval process?

Proponent	Requirement or procedure	Option
EPA (or delegate)	Requirement or procedure	Option

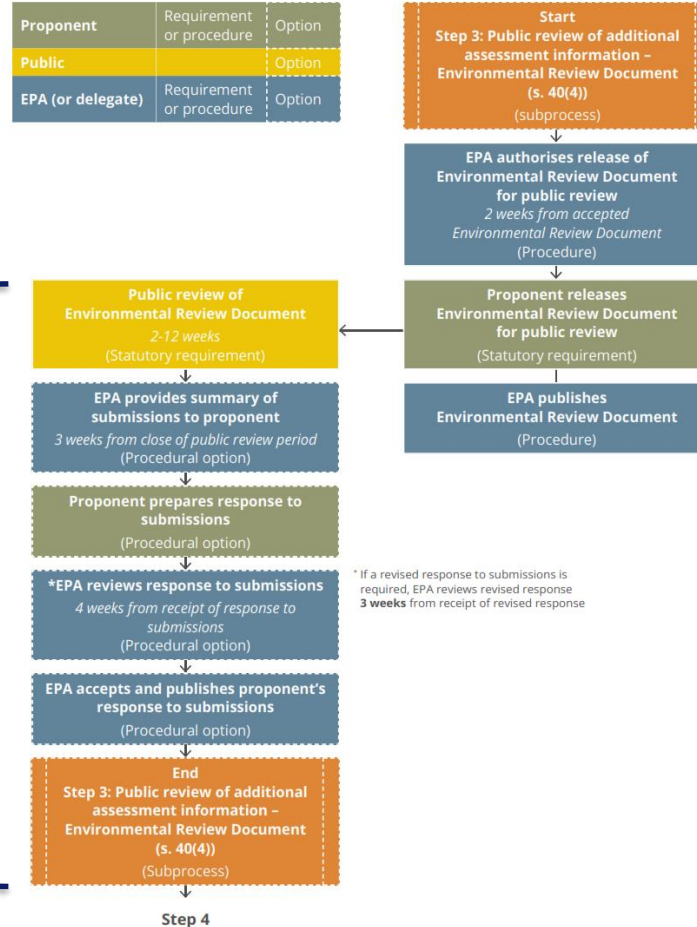
* If a revised Environmental Review Document is required, EPA reviews revised draft Environmental Review Document
4 weeks from receipt of revised draft Environmental Review Document



← Current stage

← Advertised for four (4) weeks

Where to from here with the environmental approval process?



Public comment process for the ERD



Project Case Considerations

Hannah Ruprecht

Project Case Design

- Ultimate planning is complete based on Bunbury at 200k
- Ultimate planning informs the approvals and land acquisition processes
- Project Case will determine what is constructed in the short term

Project Case Considerations

- Project case scenario is to be based on Bunbury in 2041 (roughly 15 years from day of opening)
- BORR Dual carriageway and grade separated for the full length
- Principal Shared Path for full length
- What is required on connecting roads, eg Raymond Road, Wireless Road, Willinge Drive?



**CRG Member
Round Table**

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Next Steps