



MINISTER FOR THE ENVIRONMENT AND HERITAGE

Statement No.

000597

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED
(PURSUANT TO THE PROVISIONS OF THE
ENVIRONMENTAL PROTECTION ACT 1986)**

PERTH-BUNBURY HIGHWAY, PEEL DEVIATION

Proposal: Construction of an inter-regional road on the eastern side of the Peel-Harvey Estuary to by-pass Mandurah, extending from the southernmost portion of the proposed Kwinana Freeway at Stock Road, Lakelands (near Mandurah) south to where it intersects Old Coast Road approximately 2.5 kilometres north of Johnston Road, to the east of the southernmost point of Lake Clifton, as documented in schedule 1 of this statement.

Proponent: Main Roads Western Australia

Proponent Address: 'Don Aitken Centre', Waterloo Crescent, PO Box 6202,
East Perth WA 6892

Assessment Number: 786

Report of the Environmental Protection Authority: Bulletin 995

The proposal referred to above may be implemented subject to the following conditions and procedures:

Procedural conditions

1 Implementation and Changes

1-1 The proponent shall implement the proposal as documented in schedule 1 of this statement subject to the conditions of this statement.

1-2 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment and Heritage determines, on advice of the Environmental Protection Authority, is substantial, the proponent shall refer the matter to the Environmental Protection Authority.

Published on

27 JUN 2002

- 1-3 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment and Heritage determines, on advice of the Environmental Protection Authority, is not substantial, the proponent may implement those changes upon receipt of written advice.

2 Proponent Commitments

- 2-1 The proponent shall implement the consolidated environmental management commitments documented in schedule 2 of this statement.
- 2-2 The proponent shall implement subsequent environmental management commitments which the proponent makes as part of the fulfilment of the conditions and procedures in this statement.

3 Proponent Nomination and Contact Details

- 3-1 The proponent for the time being nominated by the Minister for the Environment and Heritage under section 38(6) or (7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal until such time as the Minister for the Environment and Heritage has exercised the Minister's power under section 38(7) of the Act to revoke the nomination of that proponent and nominate another person as the proponent for the proposal.
- 3-2 If the proponent wishes to relinquish the nomination, the proponent shall apply for the transfer of proponent and provide a letter with a copy of this statement endorsed by the proposed replacement proponent that the proposal will be carried out in accordance with this statement. Contact details and appropriate documentation on the capability of the proposed replacement proponent to carry out the proposal shall also be provided.
- 3-3 The nominated proponent shall notify the Department of Environmental Protection of any change of contact name and address within 60 days of such change.

4 Commencement and Time Limit of Approval

- 4-1 The proponent shall provide evidence to the Minister for the Environment and Heritage within ten years of the date of this statement that the proposal has been substantially commenced or the approval granted in this statement shall lapse and be void.

Note: The Minister for the Environment and Heritage will determine any dispute as to whether the proposal has been substantially commenced.

- 4-2 The proponent shall make application for any extension of approval for the substantial commencement of the proposal beyond ten years from the date of this statement to the Minister for the Environment and Heritage prior to the expiration of the ten-year period referred to in condition 4-1.

The application shall demonstrate that:

- the environmental factors of the proposal have not changed significantly;
- new, significant environmental issues have not arisen; and
- all relevant government authorities have been consulted.

Note: The Minister for the Environment and Heritage may consider the grant of an extension of the time limit of approval not exceeding ten years for the substantial commencement of the proposal.

Environmental conditions

5 Compliance Audit

5-1 The proponent shall prepare an audit program in consultation with and submit compliance reports to the Department of Environmental Protection which address:

- the implementation of the proposal as defined in schedule 1 of this statement;
- evidence of compliance with the conditions and commitments; and
- the performance of the environmental management plans and programs.

Note: Under sections 48(1) and 47(2) of the *Environmental Protection Act 1986*, the Chief Executive Officer of the Department of Environmental Protection is empowered to audit the compliance of the proponent with the statement and should directly receive the compliance documentation, including environmental management plans, related to the conditions, procedures and commitments contained in this statement. Usually, the Department of Environmental Protection prepares an audit table which can be utilised by the proponent, if required, to prepare an audit program to ensure that the proposal is implemented as required. The Chief Executive Officer is responsible for the preparation of written advice to the proponent, which is signed off by either the Minister or, under an endorsed condition clearance process, a delegate within the Environmental Protection Authority or the Department of Environmental Protection that the requirements have been met.

6 Declared Rare and Priority Flora

6-1 At least twelve months prior to construction, the proponent shall undertake a spring survey for Declared Rare and Priority Flora along the proposed route, to the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority and the Department of Conservation and Land Management.

7 Traffic Noise

- 7-1 Prior to ground-disturbing activities, the proponent shall prepare a Traffic Noise Management Plan to address the impact of post-construction traffic noise on the amenity of adjacent residences and residential areas, to the requirements of the Minister for the Environment and Heritage on advice of the Western Australian Planning Commission and the Environmental Protection Authority.

The Traffic Noise Management Plan shall include consideration of:

1. acceptable noise levels to protect the amenity of adjacent residences; and
 2. measures to manage the impact of traffic noise on adjacent residences and residential areas.
- 7-2 The proponent shall implement the approved Traffic Noise Management Plan required by condition 7-1.

8 Threatened Ecological Community

- 8-1 Prior to ground-disturbing activities, the proponent shall modify the road alignment to avoid impacting the Threatened Ecological Community Type 3b [according to Gibson et al "A Floristic Survey of the Southern Swan Coastal Plain" (1994)] in the vicinity of Murray Location 1409, in accordance with map "Peel Region Scheme, Proposed Changes, TEC West Coolup – Road Deviation" Ministry for Planning (4 September 2001). (See schedule 1, figure 2).

9 Alignment South of the Harvey River

- 9-1 Prior to ground-disturbing activities, the proponent shall prepare a Vegetation Compensation Package for the section of the alignment between the Harvey River and the Old Coast Road, to the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority and the Department of Conservation and Land Management.

The Vegetation Compensation Package shall consider:

- 1 the objectives for management of the Clifton and McLarty Management Priority Area;
- 2 a review of the alignment of the route and design of the road to as far as practicable avoid or minimise impacts on the Clifton and McLarty Management Priority Areas;
- 3 the biological and environmental values of any vegetation to be impacted by the proposed alignment and road design within the Clifton and McLarty Management Priority Areas; and

- 4 measures, including the possible acquisition of other vegetated land, to mitigate the loss of any biological and environmental values caused by the road.
- 9-2 Prior to ground-disturbing activities, the proponent shall implement the approved Vegetation Compensation Package required by condition 9-1 to the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority and the Department of Conservation and Land Management.

Procedures

- 1 Where a condition states "to the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority", the Chief Executive Officer of the Department of Environmental Protection will obtain that advice for the preparation of written advice to the proponent.
- 2 The Environmental Protection Authority may seek advice from other agencies, as required, in order to provide its advice to the Chief Executive Officer of the Department of Environmental Protection.

Note

- 1 The Minister for the Environment and Heritage will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environmental Protection over the fulfilment of the requirements of the conditions.

Dr Judy Edwards MLA
MINISTER FOR THE ENVIRONMENT AND HERITAGE

27 JUN 2002

Schedule 1

The Proposal (Assessment No. 786)

The Peel Deviation project involves the construction of 52.1 kilometres of dual carriageway freeway-standard highway from the future freeway link north of Mandurah to the existing Perth-Bunbury Highway (Old Coast Road) at Lake Clifton. The deviation will provide a high standard inter-regional road-link between Perth and the south-west, bypassing Mandurah on the eastern side of the Peel-Harvey Estuary. The highway will comprise two 11 metre carriageways with a median width of 15 to 40 metres.

Table 1: Summary of key proposal characteristics

Element	Description
Location	On the eastern side of the Peel-Harvey Estuary bypassing Mandurah. Extending from the southernmost portion of the proposed Kwinana Freeway at Stock Road, Lakelands (near Mandurah) south to the intersection with Old Coast Road approximately 2.5 kilometres north of Johnston Road to the east of the southernmost point of Lake Clifton.
Road Length	51.2 kilometres
Formation	Dual 11 metre carriageway freeway-standard highway with a median width of between 15 and 40 metres.
Intersections	Intersections will be constructed at: Lakes Road; Pinjarra Road; Greenlands Road; Herron Point Road; Old Bunbury Road; Williamson Road; and Old Coast Road.
Bridges over waterways	Bridges will be constructed at: Serpentine River; Pinjarra Road; Murray River; South Yunderup Road; Murray River Floodplain; and Harvey River.
Bridges over Peel Deviation	Bridges will be constructed to carry Red Road, Paul Road and Mills Road over the Peel Deviation.

Figures (attached)

Figure 1 – Location of the proposal.

Figure 2 – Peel Region Scheme, Proposed Changes, TEC West Coolup – Road Deviation.

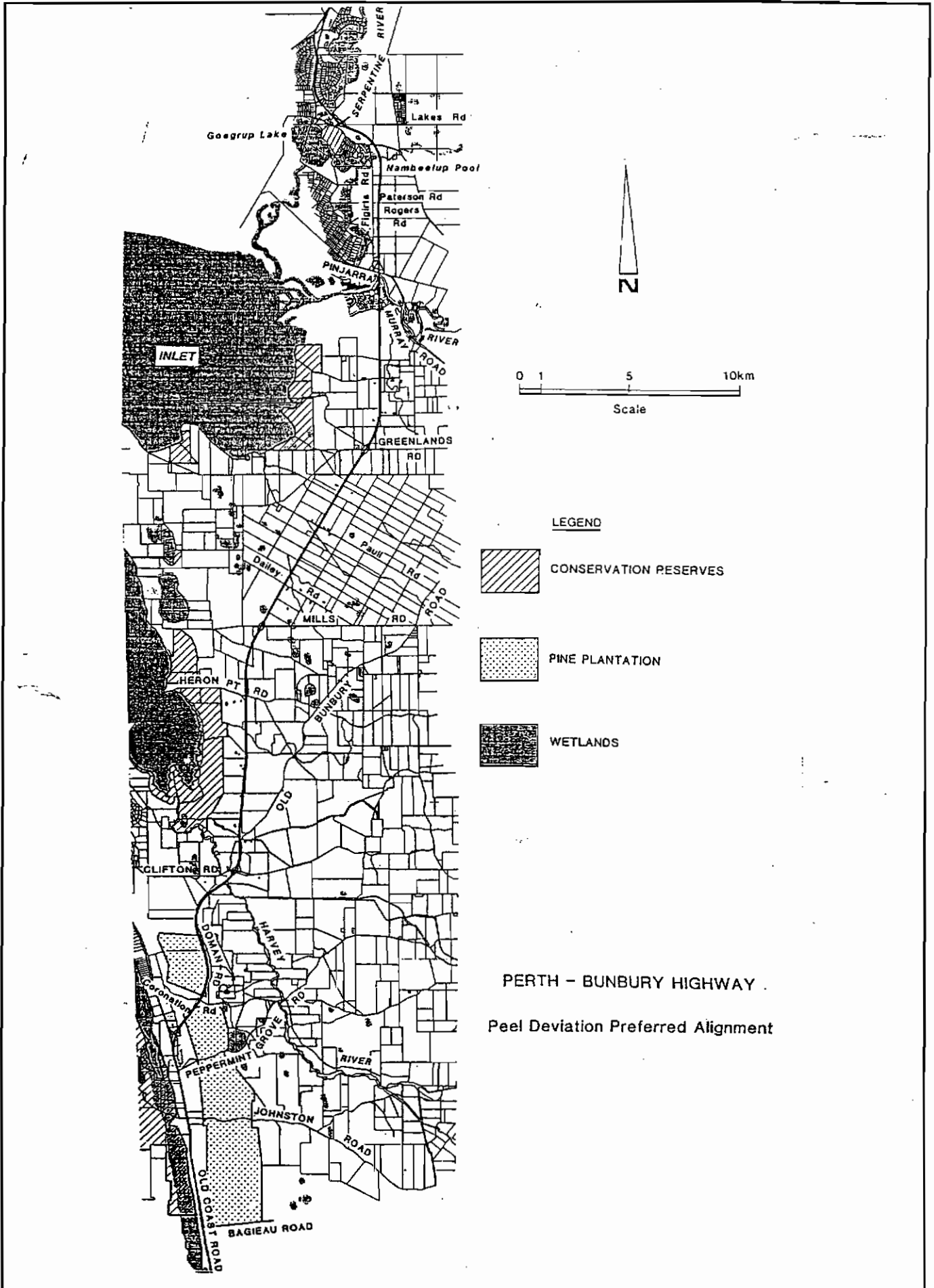


Figure 1. Location of the proposal.

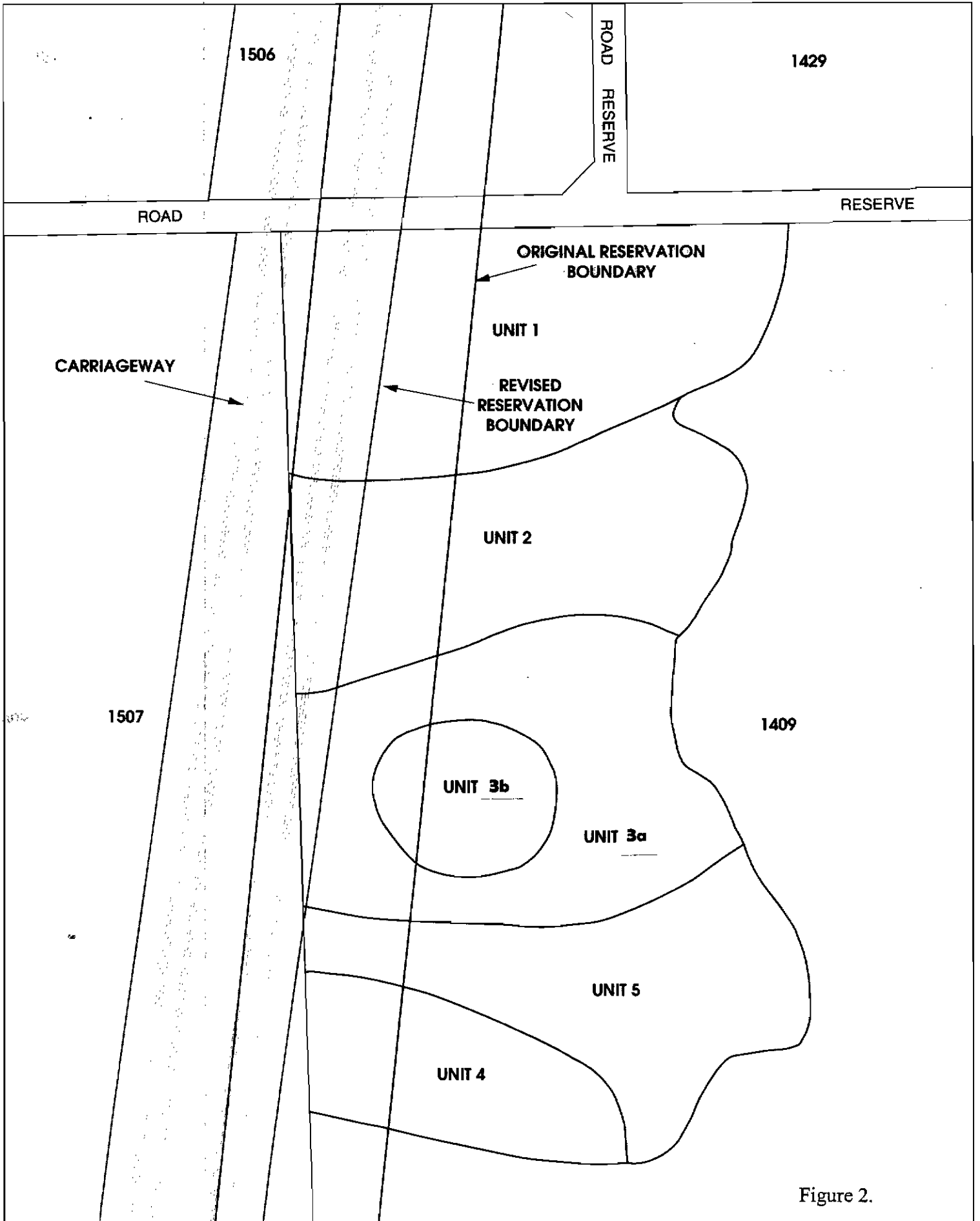


Figure 2.

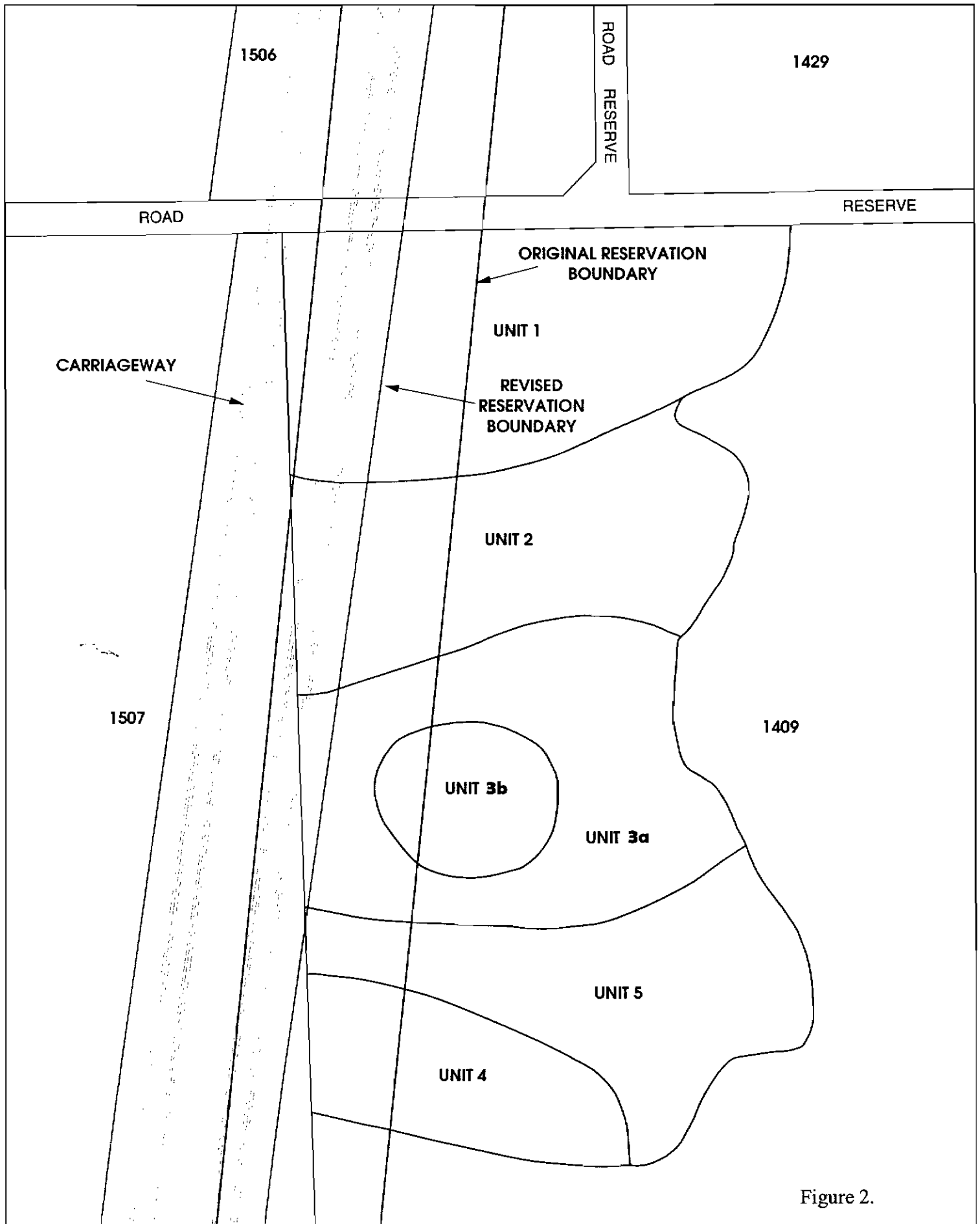


Figure 2.

<p> ORIGINAL RESERVATION BOUNDARY REVISED RESERVATION BOUNDARY SITE </p>	<p> N PROJECT </p>	<p> PEEL REGION SCHEME PROPOSED CHANGES TO WEST COOLUP ROAD DEVIATION (SEP 2001) PREPARED BY: ORITHO CITY <small>ORITHO CITY, 2001</small> <small>ORITHO CITY, 2001</small> <small>ORITHO CITY, 2001</small> <small>ORITHO CITY, 2001</small> </p>
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Proponent's Environmental Management Commitments

April 2002

PERTH-BUNBURY HIGHWAY, PEEL DEVIATION
(Assessment No. 786)

MAIN ROADS WESTERN AUSTRALIA

Schedule 2

Proponent's Consolidated Environmental Management Commitments
Perth-Bunbury Highway, Peel Deviation (Assessment No. 786)

No.	Topic	ACTION	Objectives	Timing	Advice	Measurement/ Compliance Criteria
1	Environmental Management Programme (EMP)	Prepare an EMP which includes: <ul style="list-style-type: none"> • dieback management plan • vegetation management plan • fauna management plan • rehabilitation and landscape plan • surface water management plan • construction management plan • foreshore management plan 	To minimise and mitigate impacts on the environment	Pre-construction		EMP submitted for approval
2	Environmental Management Programme (EMP)	Implement the Environmental Management Programme referred to in Commitment 1.	To minimise and mitigate impacts on the environment	Pre-construction, Construction, and Post-construction	others as nominated for specific issues in the EMP	Compliance Reports
3	Noise – Assessment, mitigation and monitoring	Monitor road noise during the first year of operation to demonstrate successful management and make the results publicly available	To manage the impacts of traffic noise	Post-construction		Compliance Reports
4	Noise – Assessment, mitigation and monitoring	Provide advice on the need for noise mitigation measures for any subsequent proposed developments adjacent to the road that are referred for advice	To manage the impacts of traffic noise	Post-construction		Compliance Reports

No.	Topic	ACTION	Objectives	Timing	Advice	Measurement/ Compliance Criteria
5	Surface Water Management Plan	<p>Prepare and implement a Surface Water Management Plan to address issues including:</p> <ul style="list-style-type: none"> • culvert and bridge design • incorporation of best practice drainage design at the time of construction • erosion control • specific design measures including retardation systems • containment of spills of hazardous goods due to traffic accidents 	<p>To minimise and mitigate impacts on the environment by:</p> <ul style="list-style-type: none"> • maintaining the existing surface hydrology characteristics within the project area • Preventing deleterious impact on water (surface and ground) quality from this proposal • minimising erosion due to the proposal • preventing direct discharge of surface water runoff from the project to the environment • preventing spillage of hazardous goods to the adjacent environment 	Pre-construction	CALM, WRC, PIMA	Surface Water Plan submitted for approval.
6	Wetlands	Avoid the loss of conservation value wetlands (apart from at the Serpentine River crossing) and minimise impacts on all other wetlands	To prevent the loss of high conservation value wetlands and minimise impacts on other wetlands due to road construction and operation.	Pre-construction and Construction	DEP and WRC	Surface Water Management Plan Compliance Reports

No.	Topic	ACTION	Objectives	Timing	Advice	Measurement/ Compliance Criteria
7	Vegetation Management Plan	<p>Prepare and implement a Vegetation Management Plan to address issues including:</p> <ul style="list-style-type: none"> clearing of vegetation within the road reserve a review of Declared Rare and Priority Flora prior to ground-disturbing activities 	<p>To minimise and mitigate impacts on the environment by:</p> <ul style="list-style-type: none"> minimising the area of vegetation cleared during construction to the minimum required for road construction and congruent with Austroads standards ensuring impacts on Declared Rare and Priority Flora (as listed at the time of construction) are adequately identified and minimised during construction 	Pre-construction and construction	CALM	Vegetation Management Plan submitted for approval. Compliance Reports
8	Vegetation	Clearing and re-use of cleared vegetation will occur in accordance with the MRWA Environmental Management Manual and Roadside Floracare Manual (unpublished)	Minimise the clearing of remnant vegetation within the road reserve	Construction	CALM	Compliance Reports
9	Vegetation	Clearly identify and mark areas of vegetation to be cleared	To limit clearing of vegetation within the road reserve to the minimum required for road construction and congruent with Austroads standards	Construction		Compliance Reports
10	Dieback Management Plan	Prepare and implement a Dieback Management Plan	To prevent the spread of dieback due to road construction activities	Pre-construction and Construction	CALM	Dieback Management Plan submitted for approval. Compliance Reports

No.	Topic	ACTION	Objectives	Timing	Advice	Measurement/ Compliance Criteria
11	Rehabilitation and Landscape Plan	Prepare and implement a Rehabilitation and Landscape Plan to address issues including: <ul style="list-style-type: none"> • weed management • revegetation strategies • visual amenity 	To minimise and mitigate impacts on the environment by: <ul style="list-style-type: none"> • preventing the introduction and spread of weeds • using indigenous native vegetation species consistent with adjacent communities • ensuring visual amenity of the area adjacent to the project is not unduly affected by the proposal • revegetating previously cleared farmland within the road reserve 	Pre-construction	CALM, PIMA	Rehabilitation and Landscape Plan submitted for approval. Compliance Reports-
12	Fauna Management Plan	Prepare and implement a Fauna Management Plan to address issues including: <ul style="list-style-type: none"> • a review of CALM's protected fauna lists prior to ground-disturbing activities • identify and implement appropriate fauna management techniques in areas of remnant vegetation • fauna migration pathways 	To minimise and mitigate impacts on the environment by: <ul style="list-style-type: none"> • ensuring impacts on protected fauna (as listed at the time of construction) are adequately identified and minimised during construction • minimising disturbance to terrestrial fauna • providing fauna migration pathways at Nambeelup Brook and State Forest areas 	Pre-construction, construction and post-construction	CALM	Fauna Management Plan submitted for approval. Compliance Reports
13	Foreshore Management Plan	Prepare and implement a Foreshore Management Plan to address the issues of clearing, erosion control and scour at Serpentine, Murray and Harvey River crossings	To minimise and mitigate impacts on the environment at river crossings	Pre-construction and construction	WRC PIMA	Foreshore Management Plan submitted for approval Compliance Reports

No.	Topic	ACTION	Objectives	Timing	Advice	Measurement/ Compliance Criteria
14	Construction Management Plan	Prepare and implement a Construction Management Plan to address issues including: <ul style="list-style-type: none"> • dust • noise • vibration 	To minimise and mitigate impacts on the environment by: <ul style="list-style-type: none"> • ensuring dust generated by the proposal does not create adverse social impacts • ensuring that noise complies with the <i>Environmental Protection (Noise) Regulations 1997</i> • ensuring that vibration complies with industry best practise 	Pre-construction and Construction		Construction Plan submitted for approval. Compliance Reports

Abbreviations

CALM -- Department of Conservation and Land Management
 DEP -- Department of Environmental Protection
 PIMA -- Peel Inlet Management Authority
 MRWA -- Main Roads Western Australia
 WRC -- Water and Rivers Commission

Attachment to Statement 597 – Change to Definition of Proposal.

Proposal: Peel-Bunbury Highway, Peel Deviation

Proponent: Main Roads Western Australia

Change: to schedule 1, key characteristics table

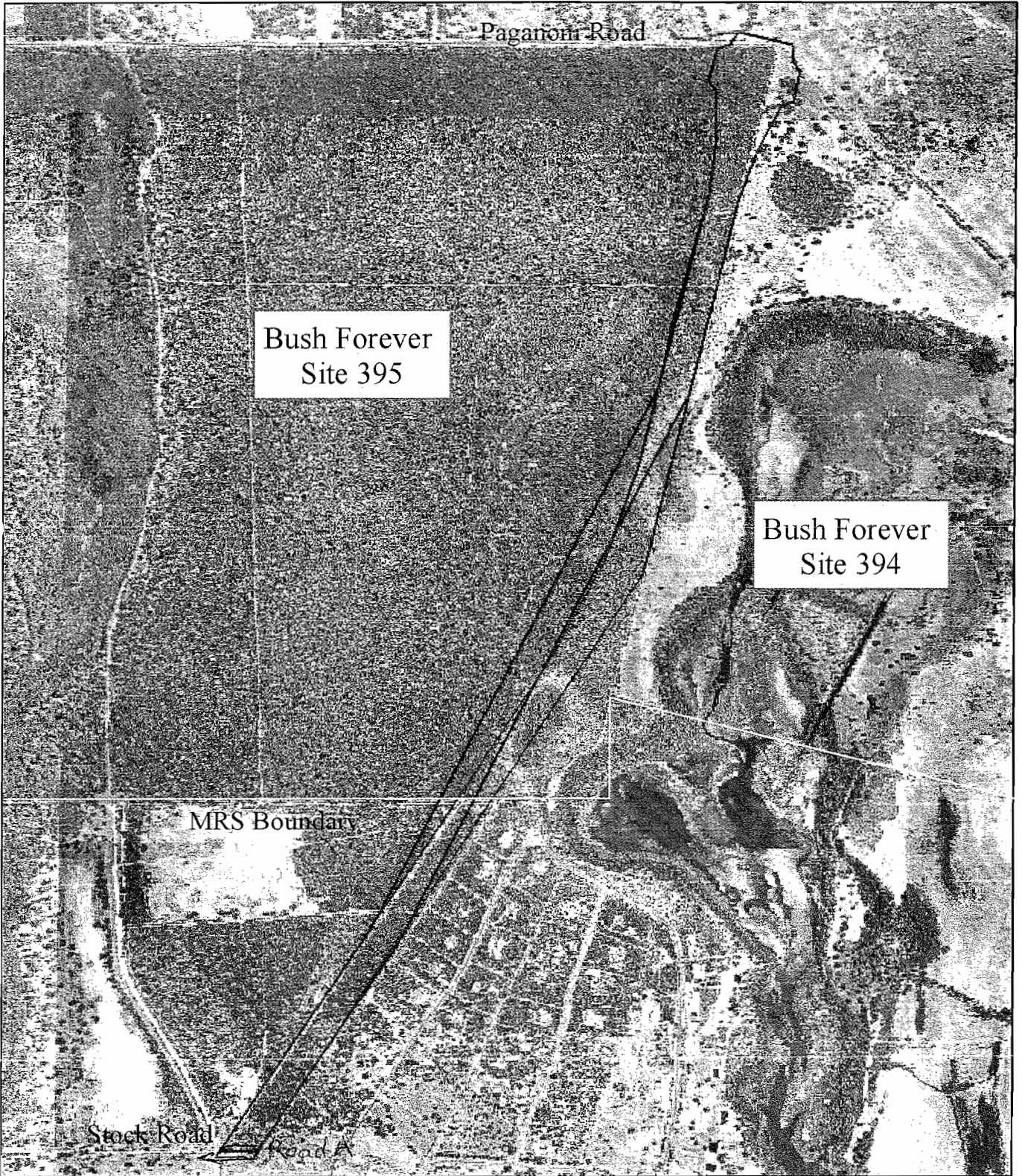
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Element	Quantities/Description
Location	Extending from the southernmost portion of the Kwinana Freeway at Stock Road, Lakelands.
Road length	51.2 km
Intersections	Seven locations specified.




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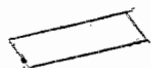
Element	Quantities/Description
Location	Extending from the southernmost portion of the Kwinana Freeway at the Metropolitan Region Scheme/Peel Region Scheme boundary, Lakelands.
Road length	52.7 km
Intersections	Eight locations specified; additional one at Stock Road (Mandurah Freeway Link).

Approval Date: 28/7/05



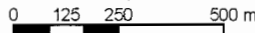
LEGEND

-  MRS / Original Freeway Alignment
-  Potential Re-alignment
-  Bush Forever Sites

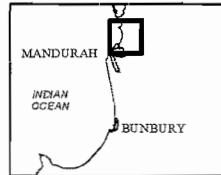


Road A intersection

SCALE
1:17,500



LOCALITY MAP



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HEIGHT DATUM: AHD		METADATA RECORDED: N
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Kwinana Freeway (Safety Bay Rd to MRS Boundary) Environmental Assessment of Potential Re-alignment - Paganoni Rd to MRS Boundary

Figure 1

Aerial and locality plan of MRS Alignment and Potential Re-alignment

NOTE THAT POSITIONAL ERRORS CAN BE > 5M IN SOME AREAS

Attachment 2 to Statement 597

Change to Proposal


Proposal: Perth-Bunbury Highway, Peel Deviation

Proponent: Main Roads Western Australia

Change: A minor realignment of the Perth-Bunbury Highway at Lakes Road

Figure 4. New alignment of Perth-Bunbury Highway at Lakes Road

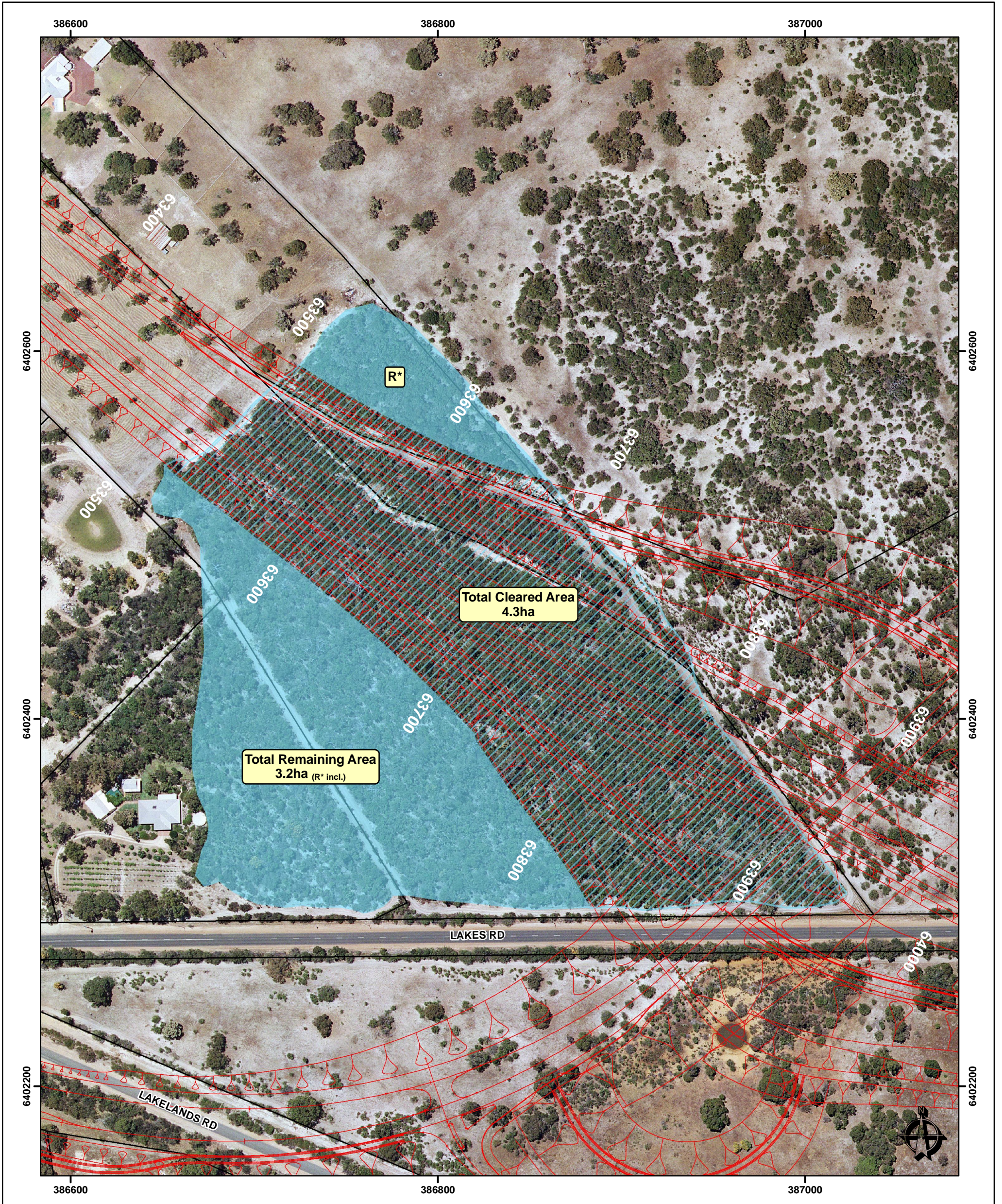
**Approved under delegation
from Minister for the Environment:**



EPA Chairman

Approval Date:

24/09/07.



LEGEND

- Proposed NPBH Alignment - GHD - 200706
- Cadastre - MRWA - 200703
- Current PBH Alignment Design - GHD - 200706
- Cleared - *Drakaea elastica* Potential Habitat
- Remaining - *Drakaea elastica* Potential Habitat

NOTE THAT POSITIONAL ERRORS CAN BE > 5M IN SOME AREAS
AERIAL PHOTOGRAPHY DATED DECEMBER 2005 SOURCED FROM MRWA - SEPTEMBER 2006

SCALE

20 0 20 40 60m

1:2,000 at A3

LOCALITY MAP

MANDURAH AREA

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SOUTHERN GATEWAY
ALLIANCE

NEW PERTH TO BUNBURY HIGHWAY
Lakes Road Interchange

Figure 2 - Current Design
***Drakaea elastica* Habitat - Amount Cleared & Remaining**