



MINISTER FOR THE ENVIRONMENT WESTER

Ass # 414

Bull # 805

State # 407

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

**EAST-WEST LINK ROAD ACROSS KARIJINI NATIONAL PARK
MARANDOO TO GREAT NORTHERN HIGHWAY (414)**

MAIN ROADS WESTERN AUSTRALIA

This proposal may be implemented subject to the following conditions:

1 Proponent Commitments

The proponent has made a number of environmental management commitments in order to protect the environment.

- 1-1 In implementing the proposal, the proponent shall fulfil the commitments made in the Consultative Environmental Review and revised in response to issues raised following public submissions; provided that the commitments are not inconsistent with the conditions or procedures contained in this statement.

The environmental management commitments (January 1996), including those which will be audited by the Department of Environmental Protection, were published in Environmental Protection Authority Bulletin 805 (Appendix 5) and a copy is attached.

2 Implementation

Changes to the proposal which are not substantial may be carried out with the approval of the Minister for the Environment.

- 2-1 Subject to these conditions, the manner of detailed implementation of the proposal shall conform in substance with that set out in any designs, specifications, plans or other technical material submitted by the proponent to the Environmental Protection Authority with the proposal.
- 2-2 Where, in the course of the detailed implementation referred to in condition 2-1, the proponent seeks to change the designs, specifications, plans or other technical material submitted to the Environmental Protection Authority in any way that the Minister for the Environment determines, on the advice of the Environmental Protection Authority, is not substantial, those changes may be effected.

Published on

12 MAR 1996

3 Proponent

These conditions legally apply to the nominated proponent.

- 3-1 No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister for the Environment has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.

4 Time Limit on Approval

The environmental approval for the proposal is limited.

- 4-1 If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in this statement shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has been substantially commenced.

Any application to extend the period of five years referred to in this condition shall be made before the expiration of that period to the Minister for the Environment.

Where the proponent demonstrates to the requirements of the Minister for the Environment on advice of the Department of Environmental Protection that the environmental parameters of the proposal have not changed significantly, then the Minister may grant an extension not exceeding five years.

5 Compliance Auditing

To help determine environmental performance, periodic reports on progress in implementation of the proposal are required.

- 5-1 The proponent shall submit periodic Progress and Compliance Reports, in accordance with an audit programme prepared by the Department of Environmental Protection in consultation with the proponent.

Procedure

- 1 Unless otherwise specified, the Department of Environmental Protection is responsible for assessing compliance with the conditions contained in this statement and for issuing formal clearance of conditions.
- 2 Where compliance with any condition is in dispute, the matter will be determined by the Minister for the Environment.

Hon. Peter Foss QC MLC
MINISTER FOR THE ENVIRONMENT

12 MAR 1996

Environmental Management Commitments

**including those which will be audited by the Department of
Environmental Protection**

January 1996

EAST-WEST LINK ROAD ACROSS KARIJINI NATIONAL PARK - MARANDOO TO GREAT NORTHERN HIGHWAY (414)

MAIN ROADS WESTERN AUSTRALIA

**NB IN THE FOLLOWING TABLE THE ABBREVIATION CALM MEANS
"THE DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT"**

Summary of Proponent Commitments

ISSUE	OBJECTIVE	NUMBER	COMMITMENTS	PHASE	TO SATISFY
Environmental Management Programme	Address the commitments.	1	Prepare an Environmental Management Programme addressing, but not limited to: • drainage management to minimise effects on Mulga woodland; • protection of priority flora species; • protection of threatened or restricted fauna; • weed management; • rehabilitation; and • construction impacts. The Environmental Management Programme will be publicly available prior to commencement of road works.	Pre-construction	Minister for the Environment on advice from DEP & CALM
		2	Implement the approved Environmental Management Programme	Pre-construction Construction & Post-Construction	DEP & CALM
Hydrology	Minimise the impact on existing drainage patterns and minimise soil erosion.	3	Design and construct drainage treatments, in accordance with the recommendations from the biological survey, to minimise impact on existing drainage patterns and minimise potential for soil erosion.	Pre-construction & Construction	CALM
		4	Carry out routine inspection and maintenance of all areas affected by construction activity.	Construction & Post-Construction	CALM
		5	Undertake, in accordance with the recommendations from the biological survey, the monitoring and documentation of environmental effects such as drainage shadow and the incidence of active erosion in cuttings, drainage works, access tracks and other disturbed areas.	Construction & Post-Construction	CALM
		6	Implement corrective measures in consultation with CALM and other specialised agencies as required.	Construction & Post-Construction	CALM
	Minimise impact on Mulga communities.	7	Design and construct drainage treatments at locations defined as Drainage Management Areas in the biological survey, to minimise impact on Mulga communities where affected by the road alignment.	Pre-construction & Construction	CALM

Summary of Proponent Commitments

ISSUE	OBJECTIVE	NUMBER	COMMITMENTS	PHASE	TO SATISFY
Biology	Minimise disturbance to flora and fauna.	8	Implement an Environmental Management Programme (EMP) in accordance with the recommendations from the biological survey.	Pre-construction & Post-Construction	CALM
		9	Restrict clearing to the absolute minimum required for construction activity. Restrict construction traffic to existing roads and designated clearing limits. Implement penalties for non compliance.	Pre-construction & Construction	CALM
		10	Do not permit sidetracks outside the limits for clearing.	Pre-construction & Construction	CALM
	Prevent the introduction and spread of weeds.	11	Develop and implement a weed control programme for inclusion in the EMP and in accordance with the recommendations from the biological survey, prior to commencement and during construction activity.	Pre-construction & Post-Construction	CALM & Agriculture Protection Board
		12	Carry out bi-annual inspection of all areas affected by construction activity for a minimum of five years and implement weed eradication measures where required.	Post-Construction	CALM
Design and construction	Minimise the impacts of the road design and design standards.	13	Except at designated areas such as culverts sites and truck turn around areas, maximise batter slopes and restrict clearing width to 3m outside the limit of earthworks to reduce the requirement for clearing. The designated areas will be chosen in consultation with CALM.	Pre-construction & Construction	CALM
		14	Carry out road design in consultation with CALM to ensure environmental impacts are considered throughout the process.	Pre-construction & Construction	CALM
		15	Design individual road elements to minimise the visual impact of new construction.	Pre-construction	CALM
	Minimise the impacts of material sources.	16	Materials will be taken from existing borrow and gravel pits within the park only where approved by CALM.	Pre-construction & Construction	CALM
		17	Develop and implement management plans for all borrow and gravel pits for inclusion in the EMP.	Pre-construction & Post-Construction	CALM
		18	Locate any new access tracks to avoid excessive removal of vegetation and disturbance to drainage patterns.	Pre-construction & Construction	CALM

Summary of Proponent Commitments

ISSUE	OBJECTIVE	NUMBER	COMMITMENTS	PHASE	TO SATISFY
Design and construction	Minimise the impacts of material sources.	19	Use existing water bores wherever possible. Locate additional bores with approval of CALM and in consultation with pastoralists and mining companies. Leave water bores intact for future maintenance and fire control.	Pre-construction Construction & Post-Construction	CALM
		20	Source sealing aggregate from existing or proposed hard rock quarries outside the National Park and implement a weed control programme before use.	Pre-construction & Construction	CALM
Design and construction	Minimise the impact of construction activity.	21	Develop and implement an environmental induction program and hygiene control for all personnel.	Pre-construction & Construction	CALM
		22	Make available water tankers and construction plant to assist in containing fires caused by construction activities.	Construction	CALM
		23	Ensure all plant is fitted with appropriate fire prevention equipment and adequate fire fighting equipment is provided at all construction sites.	Construction	CALM
		24	Restrict storage of contaminants and plant maintenance areas to camp sites and temporary compounds. Keep suitable materials to counteract spillage on hand at all times.	Construction	CALM
	Rehabilitate all areas disturbed by construction activity as soon possible.	25	Develop and implement a rehabilitation programme for all areas disturbed to encourage the natural regeneration of the pre-existing vegetation. Adopt rehabilitation measures to restore natural drainage patterns disturbed by construction activity.	Pre-construction Construction & Post-Construction	CALM
		26	Rehabilitate sections of existing road replaced by new road in accordance with the management requirements of the National Park.	Construction & Post-Construction	CALM
		27	Design cuts and fills for stability and rehabilitate to minimise erosion and provide a landscape compatible with the existing environment. Design will be undertaken in consultation with a landscape architect. Any significant amendment to the design during construction will require the approval of the Department of Conservation and Land Management.	Pre-construction, Construction & Post-construction	CALM
		28	Carry out routine inspection of all rehabilitated areas of construction activity for a minimum of five years.	Post-construction	CALM
		29	Document success of rehabilitation measures.	Post-construction	CALM
		30	Implement additional rehabilitation treatment in consultation with CALM if required.	Post-construction	CALM

Summary of Proponent Commitments

The following schedule of commitments will not be audited by the Department of Environmental Protection. The proponent is still, however, required to fulfil these commitments.

ISSUE	OBJECTIVE	NUMBER	COMMITMENTS	PHASE	TO SATISFY
Aboriginal Heritage	Avoid disturbance to Aboriginal archaeological and ethnographic sites wherever possible.	31	Seek permission under Section 18 of the Aboriginal Heritage Act (1972-1980) to disturb or remove archaeological sites designated Mt Bruce #1 to #4.	Pre-construction & Construction	Department of Aboriginal Sites
		32	Restrict access to Aboriginal sites and make project personnel aware of the provision of the Aboriginal Heritage Act which prohibits the unauthorised interference with Aboriginal sites.		
		33	Notify the Aboriginal Sites Department of the WA Museum of any further archaeological material which might be exposed during construction.		
Design	Minimise the impacts of the road design and design standards	34	Adopt a minimum 110 km/h horizontal design speed and a minimum 90 km/h vertical design speed to minimise clearing and earthwork quantities.	Pre-construction	CALM
		35	Locate and design parking bays and rest areas in consultation with CALM.	Pre-construction & Construction	CALM
Biology	Minimise disturbance to flora and fauna	36	Restrict access to rare flora and fauna habitats by construction personnel and equipment.	Pre-construction & Construction	CALM
		37	Prohibit possession of firearms, projectile weapons and pets by construction personnel.		
Design and Construction	Minimise the impacts of the road design and design standards	38	Design and construct fencing along the road alignment through Juna Downs Station to prevent livestock entering the Park.	Pre-construction & Construction	CALM
		39	Prohibit lighting of fires by construction personnel.	Pre-construction & Construction	CALM
	Minimise the impacts of construction activity	40	Locate construction camps outside the National Park.	Construction	CALM
		41	Dispose of refuse and treat waste (will be consistent with standard requirements of Local Authority) in accordance with the requirements of the Local Authority by-laws.	Construction	CALM
		42	Ensure all plant is fitted with appropriate noise suppression equipment.	Construction	CALM
		43	Apply water to trafficked areas to prevent dust generation.	Construction	CALM