



WESTERN AUSTRALIA

MINISTER FOR THE ENVIRONMENT

Ass # 735

Bull # 761

State # 378

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

**SOUTHERN RIVER BRIDGE LINK
BETWEEN SPENCER ROAD & CORFIELD STREET,
CITY OF GOSNELLS (735)**

CITY OF GOSNELLS

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 Public Environmental Review and subsequently, provided that the commitments are not inconsistent with the conditions or procedures contained in this statement. These commitments are published in Environmental Protection Authority Bulletin 761 as Appendix 4.

A schedule of environmental management commitments (November 1994) which will be audited by the Department of Environmental Protection 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. Where, in the course of that detailed implementation, the proponent seeks to change those designs, specifications, plans or other technical material 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.

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.

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4 System Six area M75

- 4-1 Within six months of completion of construction, the proponent shall rehabilitate that portion of System Six area M75 affected by the siting of the bridge, to the requirements of the Department of Environmental Protection on advice of the Swan River Trust.
- 4-2 Within six months of completion of construction, the proponent shall rehabilitate an area of System Six area M75 equivalent in size to that lost as a consequence of the siting of the bridge, to the requirements of the Department of Environmental Protection on advice of the Swan River Trust.

5 Drainage Management

- 5-1 Prior to completion of construction, the proponent shall prepare a Drainage Management Plan for the bridge and its environs, to the requirements of the Department of Environmental Protection on advice of the Water Authority of Western Australia and the Swan River Trust.

6 Time Limit on Approval

The environmental approval for the proposal is limited.

- 6-1 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 by way of a request for a change in the condition under Section 46 of the Environmental Protection Act. (On expiration of the five year period, further consideration of the proposal can only occur following a new referral to the Environmental Protection Authority.)

7 Decommissioning

- 7-1 The proponent shall effect the satisfactory decommissioning of the project and final rehabilitation of the site and its environs.
- 7-2 At least six months prior to decommissioning, the proponent shall prepare a decommissioning and final rehabilitation plan to achieve the objectives of condition 7-1.
- 7-3 The proponent shall implement the plan required by condition 7-2 to achieve the objectives of condition 7-1.

8 Compliance Auditing

In order to ensure that environmental conditions and commitments are met, an audit system is required.

- 8-1 The proponent, in consultation with the Department of Environmental Protection, shall prepare an Audit Programme, which includes requirements for the preparation of periodic Compliance Reports.
- 8-2 The proponent shall subsequently implement the Audit Programme required by condition 8-1.

Procedure

- 1 The Department of Environmental Protection is responsible for verifying compliance with the conditions contained in this statement, with the exception of conditions stating that the proponent shall meet the requirements of either the Minister for the Environment or any other public authority.
- 2 If the Department of Environmental Protection, other public authority or proponent is in dispute concerning compliance with the conditions contained in this statement, that dispute will be determined by the Minister for the Environment.

Kevin Minson MLA
MINISTER FOR THE ENVIRONMENT

19 JAN 1995

Schedule of Environmental Management Commitments

November 1994

**SOUTHERN RIVER BRIDGE LINK
BETWEEN SPENCER ROAD & CORFIELD STREET,
CITY OF GOSNELLS (735)**

CITY OF GOSNELLS

COMMITMENTS

1 GENERAL

Based on the information supplied from the sub-consultants reports, discussions with the relevant government authorities and onsite field inspection/investigation a series of management commitments have been prepared. The commitments when implemented by the proponent will minimise the environmental, social and heritage impacts that could potentially arise from construction of the proposed Southern River Bridge and the associated road realignment.

2 PHYSICAL/BIOLOGICAL CONTROL AND MANAGEMENT COMMITMENTS

To minimise floodplain erosion and bank degradation the following strategies will be carried out by the proponent:

- (1) Access tracks to work areas must follow a pre-determined route avoiding drainage depressions, mature trees and the 4 m buffer zone either side of the stream bed. *Action – Project Manager(City of Gosnells)*
- (2) Vehicle activity within 4 m of river bed will be restricted to reduce risk of bank degradation by the erection of a suitable fence. *Action – Project Manager*
- (3) Access tracks on completion of the works will be revegetated with native species sighted in the study area. (See Appendix B species list).
Action – Project Manager
- (4) Silt trap devices such as sandbagging, geotextile fabrics and/or hay bales will be placed along the 4 m boundary of the buffer zone adjacent to the construction area on each side of the river preventing sedimentation of the water course. Sedimentation control measures along the water course will be left in place until revegetation of the disturbed area is complete.
Action – Project Manager
- (5) Loose imported fill material for embankment construction i.e. sand and topsoil will be stabilised when not actively utilised. Short term stabilisation techniques could include applying a geo-crust type spray to hold loose fill in place, cover with an impermeable layer i.e. plastic or install a silt barrier

at the base of the fill stockpile to prevent sediments escaping into the riverine environment. Vegetating the fill stockpile is also a possibility for long term erosion/sedimentation prevention. *Action – Project Manager*

- (6) If stockpiling of fill is probable, a pre-determined location above the 7 m contour is required to minimise erosion potential in the case of a flood event. The pre-determined location will not obstruct any overland drainage channels. *Action – Project Manager*
- (7) Bridge design and access roads will include measures to prevent direct drainage of stormwater off the structures directly onto the floodplain and/or the Southern River by the provision of suitable drainage channels to carry water to the river. *Action – Project Manager*

To minimise potential degradation to the biological environment the following commitments will be carried out by the proponent:

- (8) Clearing of vegetation must be kept to a minimum, this is especially relevant to mature trees as their aesthetic value and soil stabilising qualities are important in relation to erosion/sedimentation control and floristic/habitat reasons. *Action – Project Manager*
- (9) Felled portion of trees and shrubs will be cut to manageable lengths and left on site wherever possible to provide future habitat for fauna. The roots of the felled trees will be left insitu unless under embankments or structuring to minimise ground disturbance. *Action – Project Manager*
- (10) In revegetation and landscaping of the site on completion of the project, the native species identified during the survey will be included as they are demonstrably hardy and good competitors with the weedy species. Revegetation which aims to complement or increase the habitat for native fauna should incorporate representative plants from all vegetation strata, i.e. trees, shrubs and ground covers. The success of revegetation will be aided by preliminary weed control, as all areas are heavily infested. Herbicide use may be found to be appropriate, but application must be carried out in strict accordance with Gosnells City or Main Roads guidelines. *Action – Project Manager*

- (11) Dieback (infection with the fungus *Phytophthora cinnamomi*) does not appear to be present on the survey site. Every attempt must be made to ensure that fill material used during construction is also free of the disease. Its importation could have implications for remnant vegetation on the site and downstream, and also for the success of revegetation measures. The use of dieback hygiene procedures for mobile plant during construction will be assessed when the movements of such plant to and from the site is known.
Action - Project Manager

- (12) Fragmentation rather than loss of habitat may be the significant factor for the native fauna and particularly for the Quenda on the site. Therefore it is important that the bridge design allow for movement of these animals under the bridge along the eastern bank of the river. The old alignment of Fremantle Road on the east of the river will also be removed and the area rehabilitated. This will allow free access to the remnant woodland adjacent to, and south of Fremantle Road. *Action - Project Manager*

- (13) In light of the presence of the Quenda (an animal scheduled as rare and endangered) on the site, it is recommended that the Council consult with the Department of Conservation and Land Management's rare fauna biologist (Mr Gordon Wyre) prior to construction, in order for CALM to determine if relocation of the Quenda is required.
Action - Project Manager

3 POLLUTION CONTROL COMMITMENTS

To minimise the risk of polluting the riverine environment the following commitments will be carried out by the proponent:

- (14) A pre-determined location above the 7 m contour be selected for the purpose of refuelling machinery. The area should be surrounded by a sediment barrier or catch drain to minimise the potential of riverine contamination resulting from a fuel/oil/rubbish spillage. In the event of a spill outside the designated fuelling area the contaminated soil will be immediately excavated and transported to an adequate disposal site or for temporary measures into the refuelling area. *Action - Project Manager*
- (15) Site hygiene must be maintained at a high standard. All refuse will be removed for disposal offsite. *Action - Project Manager.*

4 SYSTEM 6: COMMENTS

The commitment below has been included within this PER because the site of the proposed development is located within an area identified by the System 6 Report as "Reserved for Parks and Recreation under the Metropolitan Region Scheme or is being considered for possible future reserves".

- (16) Areas identified through planning procedures as open space of regional significance will, where appropriate, to be designated as Regional Parks. The area is already designated as Region Open Space.

5 NOISE COMMITMENTS

Even though resultant traffic noise from the proposed development is calculated to fall below the 68 dBA, increases in existing noise levels will be experienced in the vicinity of Yulan Court/Wattle Way.

- (17) To reduce these estimated levels down to existing levels, implementation of noise attenuation barriers in the forms of landscaping will be developed on either side of Corfield Street. Landscaping will also prevent headlight spill inconveniencing properties on Yulan Court, Wattleway and Prince Street.
Action – Project Manager