

Roe Highway Extension Project

South Metro Connect



CLIENT:

South Metro Connect (an alliance between Main Roads WA and industry partner AECOM)

LOCATION:

Perth Metropolitan Area

SERVICES:

- Project scoping
- Baseline vertebrate and invertebrate fauna surveys
- Targeted surveys and monitoring
- Environmental assessment, Public Environmental Review and management plan

KEY ACHIEVEMENTS:

- Comprehensive baseline fauna dataset collected for state and federal approvals
- Mitigation strategies developed significantly reduced impacts to fauna to acceptable levels
- Timely delivery of all services to meet broader project timeframes
- Effective, close collaboration with SMC contributed to successful delivery of broader project objectives

The Proposed Roe Highway Extension in Perth traverses an area of highly valued urban bushland representing a variety of fauna habitats. As fauna consultant to the project, Phoenix provided comprehensive approvals services from scoping, to field surveys, impact assessment and assistance with development of the Public Environmental Review and management plans.

South Metro Connect's brief was to undertake the project development, which included development of a preferred alignment and concept design, managing unprecedented levels of community engagement and obtaining relevant approvals.

Phoenix provided assistance in developing the scope of work for all fauna-related investigations and engaged with regulatory authorities and other stakeholders as required throughout the project.

Phoenix undertook the diverse and comprehensive fauna field program over an 18-month timeframe. It included Level 2 vertebrate and short-range endemic (SRE) invertebrate surveys, aquatic macroinvertebrate sampling, Southern Brown Bandicoot monitoring and targeted surveys for Black Cockatoos and Oblong Turtle.

Under the direction of a dedicated project manager the field program was completed within the required project timeframe. Access to site and timing was managed effectively despite multiple stakeholders with varying induction and entry protocols (DEC, City of Cockburn, Murdoch University, Main Roads).

Phoenix responded effectively to often changing scopes and circumstances by maintaining flexibility and regular communication with SMC. Phoenix's involvement in development of the PER helped to achieve management solutions that met the needs of the environment and the client. Phoenix' ability to consider alternative and occasionally innovative solutions to issues was recognised by the project management team as adding considerable value to the project.



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