

Mordialloc Bypass Project

Report of Andrea Murphy

1 INTRODUCTION

My name is Andrea Murphy, and I am the Projects Manager and Company Director at Tardis Enterprises Pty Ltd trading as Archaeology at Tardis (AAT), heritage advisors and archaeologists. The main office is situated at Suite 4, 46-50 Old Princes Highway, Beaconsfield 3807, Victoria, with a branch office located at 3A Rogers Street, Port Melbourne.

My firm, Archaeology at Tardis Pty Ltd, prepared the impact assessment report titled *Mordialloc Bypass Aboriginal Cultural Heritage Impact Assessment* dated 17 September 2018 (Report). The role I had in preparing this Report was contributing author and report review. Dr Tom Rymer was a significant contributor and is also the main author of the Cultural Heritage Management Plan prepared for the Mordialloc Bypass Project (**Project**). Dr Rymer has sixteen years' experience as a Senior Archaeological Consultant and specifically manages large infrastructure projects with the company.

I adopt the Report, in combination with this document, as my written expert evidence for the purposes of the Mordialloc Bypass Project Inquiry and Advisory Committee's consideration and reporting in respect of the Project.

2 QUALIFICATIONS AND EXPERIENCE

Appendix A contains a statement setting out my qualifications and experience, and the other matters in accordance with Planning Panels Victoria's 'Guide to Expert Evidence'.

A copy of my curriculum vitae is provided in Appendix B.

3 FURTHER WORK SINCE PREPARATION OF THE REPORT

Since the report was finalised, I have undertaken further work in relation to the Woodlands Drive Alternative Arrangement based on memo I received on January 31, 2019.

The Woodlands Drive Alternative Arrangement at Lower Dandenong Road has not caused me to materially change my opinions as expressed in the Report.

4 WRITTEN SUBMISSIONS

4.1 Submissions Received

I have read the public submissions in respect of the EES and draft Planning Scheme Amendment for the Project and identified those that are relevant to the Report and my area of expertise. These include the following submissions: 40, 92, 98, 103.

4.2 Summary of Issues Raised

Submission 92 raises the following:

- Concerns regarding appropriate traditional owner representation;
- Concerns that the surveys were inadequate and that the heritage investigation may lack thoroughness.

Submissions 40, 98 and 103 only mention Aboriginal cultural heritage in general terms and do not raise any specific queries or concerns. Therefore, my statement only responds to submission 92.

4.3 Responses to Issues Raised

Set out below are my comments and responses to the issues raised by the written submission 92 relevant to my area of expertise.

- A Cultural Heritage Management Plan (CHMP) is a mandatory requirement for the Project.
- The CHMP was not presented as part of the Report. However, the CHMP has since been prepared and is now ready for submission to Aboriginal Victoria, who will evaluate and approve the CHMP.
- The CHMP goes into considerable detail regarding the nature of the pre-contact landforms of the project area and surrounding land for several kilometres. The purpose of this is not only to conform with the CHMP guidelines, but also to present a detailed narrative regarding where evidence of Aboriginal occupation may still be found.
- All known Aboriginal Places and potential locations for Aboriginal places were considered. The content, condition and significance of each place registered with the CHMP's Geographic Region was examined in detail and the results were synthesised into a site prediction model. This model was then tested in the field during the standard assessment (ground surface survey and complex assessment) sample excavations.
- The entire process was done in consultation with traditional owner groups, including the locations and extent of the field investigations. The former margins of Carrum Swamp and the margins all permanent waterways and springs are focus areas for pre-contact Aboriginal occupation, which is evidenced by the high number of registered aboriginal places in the landforms.
- The former Wannarkladdin Islands which were utilised for the construction of the Mornington Peninsula Freeway are likely locations for focused pre-contact Aboriginal occupation as they provided extended access and campsite locations to people exploiting resources associated with Carrum Swamp. These island locations within extensive swamplands (deemed of high strategic value within a subsistence economy) are not reproduced within the activity area of the Mordialloc Bypass.

- Much of the Mordialloc Project area is devoid of these locales of high strategic value, and accordingly is reflected in the nature or comparative lack of the archaeological resources. There is also no evidence that the traditional owners of the Mordialloc Project Area were semi-nomadic. Semi nomadic people are those who migrate seasonally and cultivate crops during periods of settlement. There is, however, primary source evidence that that traditional occupants occupied their lands in a seasonal manner.
- The Aboriginal Heritage Council is responsible for determining traditional owners and I have no further comment to make on this matter.
- In my opinion, Environmental Performance Requirement H1 is appropriate to manage the impacts of the project on aboriginal heritage matters.

4.4 Declaration

I have made all the inquiries I believe are desirable and appropriate and that no matters of significance which I regard as relevant have to my knowledge been withheld from the Inquiry and Advisory Committee.



Andrea Murphy
Projects Manager/Director

REFERENCES

Murphy, A. & Dr T. Rymer Mordialloc Bypass Cultural Heritage Management Plan (2019 In Prep) # 15026. VicRoads.

**APPENDIX A – STATEMENT IN RELATION TO QUALIFICATIONS AND
EXPERIENCE**

(a) The name and address of the expert

Andrea Murphy
Suite 4, 46-50 Old Princes Highway
Beaconsfield Victoria 3807

(b) The expert's qualifications and experience

I have a Bachelor of Arts (Aboriginal Archaeology) and a Masters in Arts (Historic Archaeology) which was completed in 1984 and 1991 respectively.

I am a member of the following organisations:

1. Full Member of International Council on Monuments and Sites (ICOMOS)
2. Current Vice Chairperson and former Chairperson of Australian Association of Consulting Archaeologists (AACAI)
3. Current State Representative of Australasian Society for Historical Archaeology (ASHA)
4. Full Member of Australian Archaeological Association (AAA)
5. National Trust
6. World Archaeology Congress

I have cultural heritage advisor status with the Office of Aboriginal Affairs Victoria.

I have been a fulltime consulting archaeologist and cultural heritage advisor since 1988. Over this period, I have been the lead author of over 2000 reports for heritage projects (both Aboriginal and historic) for a wide variety of clients. My roles have included project management, advising clients on indigenous and historic cultural heritage management, liaising with clients, Aboriginal groups and government agencies to achieve cultural heritage outcomes compliant with the relevant legislation, conducting surveys for both Aboriginal and historic cultural heritage, archaeological excavation of Aboriginal and historic places, analysis of artefact assemblages, and report writing and production. I have also been on the Archaeology Course Advisory Panel at La Trobe University for four years.

I currently oversee management of all projects being undertaken by Archaeology at Tardis. My role as a senior heritage consultant has included the preparation of numerous expert witness statements as well as presentations.

Archaeology at Tardis has been providing a range heritage services for WSP Australia Pty Ltd (and its previous Trading Names) since April 2002. These tasks have included preparation of Cultural Heritage Management Plans (CHMP), historic heritage assessments, preparation of variation types of permit and consent applications and reviewing projects in terms of statutory compliance. AAT has no conflict of interest in providing this Expert Witness Statement.

- (c) A statement identifying the expert's area of expertise to make the report

My expertise is in Aboriginal and historic cultural heritage management. This expertise includes reviewing projects for statutory compliance, preparation of cultural heritage management plans, assessment reports, peer reviews, heritage management plans, Excavation director and post excavation artefact analysis. I have co-authored the Cultural Heritage Management Plan (in prep) and the Cultural Heritage Impact Assessment in the EES (see Appendix H of the EES) for the Mordialloc Bypass project and have been involved in all consultation with relevant stakeholders.

- (d) A statement identifying any other significant contributors to the report and where necessary outlining their expertise

N/A

- (e) All instructions that define the scope of the report (original and supplementary and whether in writing or oral)

Memo dated 18/12/2018, 19/12/2018, 31/1/2019.

- (f) The identity of the person who carried out any tests or experiments upon which the expert has relied on and the qualifications of that person

N/A

- (g) A statement setting out any questions falling outside the expert's expertise N/A

- (h) A statement setting out any key assumptions made in preparing the report N/A

- (i) A statement indicating whether the report is incomplete or inaccurate in any respect N/A

APPENDIX B – CURRICULUM VITAE



Qualifications

Bachelor of Arts (Prehistory)
Master of Arts (Historic Archaeology)

Memberships

Australian Association of Consulting Archaeologist Inc.: President
Australian Anthropological and Archaeological Society: Member
Australasian Society of Historic Archaeology: State Representative
International Council on Monuments and Sites: *Full International Member*
Cultural Heritage Advisor: *Aboriginal Heritage Act 2006*

Training & Workshop Attendance

First Aid (Level 2)
4WD Course
Industry Induction (Red Card)
2012 Holocene Sand Geomorphology (AACIA Short Course)
2013 Natural and Cultural Scarred Trees (AACIA Short Course)
2014 Human and Animal Skeletal (AACIA Short Course)
2015 Volcanic Plains Geomorphology (AACIA Short Course)
2016 Historic Materials (AACIA Short Course)
2017 Photogrammetry (AACIA Short Course)

Role Responsibilities

Director and Senior Heritage Advisor
Project Supervision
Resource Management and Technical Specialist
Client Liaison
Stakeholder Engagement
Quality Controller
Facilitator

Career Summary

Andrea Murphy is the Principal Cultural Heritage Advisor and Director at Archaeology At Tardis with extensive experience and qualifications in both indigenous and non-indigenous cultural heritage assessment and management. She has been a heritage professional for more than 26 years and has played a key role in ensuring the successful delivery of over 3000 projects under the company of Archaeology At Tardis. Andrea has authored and co-authored more than 2000 heritage documents and has presented papers at both national and international conferences. Andrea's role includes input and management of all AAT projects, ensuring adequate and appropriate resources are allocated, ensuring quality of draft and final products and project delivery within time and budgetary constraints.

Further reflecting Andrea's standing in the archaeological field, she is the current President (VIC) of the Australian Association for Consulting Archaeologists Inc, the only national organisation which provides accreditation for the consulting industry. She is also the state representative of the Australasian Society for Historic Archaeology. Her position in these organisations includes arranging and facilitating a wide range of professional development workshops.

Under Andrea's direction, the Archaeology At Tardis group specialise in all facets of heritage management, from assistance relating to statutory requirements to the completion of large scale multi-disciplinary heritage projects. Andrea offers expert and informed advice ensuring the most suitable outcomes for both clients and heritage are achieved. Andrea regularly appears at VCAT and offers expert and informed advice ensuring the most suitable outcomes for both clients and heritage are achieved.

Relevant Experience

For each Archaeology at Tardis project Andrea's role has included:

- Initial and ongoing client contact;
- Preliminary background research and project familiarisation;
- Project scoping in response to client's development design;
- Principal consultation with all major stakeholders such as Office of Aboriginal Affairs Victoria, Heritage Victoria and Relevant Aboriginal Groups;
- Facilitation and co-ordination of stakeholder meetings;
- Undertake site visit during each component of the project;
- Review of research design and sub-surface testing strategies;
- Allocation of adequate and relevant resources to achieve quality and timeframes;
- Review of draft documents;
- Main participant in solving any issues that may arise; and
- Ensuring final documents have achieved Archaeology At Tardis high standard before submitting to the client/sponsor.

Road Infrastructure Projects (Large Scale Projects only)

AAT have responsible for parts or all the following infrastructure projects:

- Eastlink
- Calder Highway Duplication
- Narre Warren – Cranbourne Duplication
- Thompsons Road Duplication
- Clyde Road Duplication
- Cranbourne – Frankston Road Duplication
- Bass Highway Duplication
- Pakenham Bypass
- Murray Valley Highway
- 30 Outer Suburban Arterial Roads CHMPs
- Beaufort Bypass (in prep)
- Moorooduc Highway Intersection Upgrades
- Princes Highway Duplication, Waurn Ponds