Job No.: 808 - J013

Principal: Australian Rail Track Corporation, (ARTC)

Authorised by: Gerard O’Connor Date: 22 Jan 2019

Reviewed by: Sam Pathammavong Date: 22 Jan 2019

Document Version Control

<table>
<thead>
<tr>
<th>Version No.</th>
<th>Effective Date</th>
<th>Details of Document History / Change Trigger</th>
<th>Approved By</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10/08/2018</td>
<td>Draft for Client Review</td>
<td>SE</td>
</tr>
<tr>
<td>B</td>
<td>06/09/2018</td>
<td>Updated with Client &amp; ER Comments</td>
<td>SE</td>
</tr>
<tr>
<td>C</td>
<td>11/10/2018</td>
<td>Updated with Client &amp; ER Comments</td>
<td>SE</td>
</tr>
<tr>
<td>D</td>
<td>19/10/2018</td>
<td>Updated with Client &amp; ER Comments</td>
<td>SE</td>
</tr>
<tr>
<td>E</td>
<td>30/10/2018</td>
<td>Updated with Client Comments</td>
<td>SE</td>
</tr>
<tr>
<td>F</td>
<td>07/11/2018</td>
<td>Updated with Stakeholder Comments</td>
<td>SE</td>
</tr>
<tr>
<td>G</td>
<td>12/12/2018</td>
<td>Updated following DPE review</td>
<td>SE</td>
</tr>
<tr>
<td>H</td>
<td>22/01/2019</td>
<td>Updated following additional DPE review</td>
<td>GO</td>
</tr>
</tbody>
</table>
# Heritage Management Plan (HMP)

**Parkes to Narromine Inland Rail**

**Project # 808 – J013**

## Table of Contents

1. **Scope** ........................................................................................................................ 6  
   1.1 **Purpose** .................................................................................................................. 6  

2. **Objective** .................................................................................................................... 7  
   2.1 **Heritage Objectives** ............................................................................................... 7  
   2.2 **Targets** ................................................................................................................... 7  

3. **References** ................................................................................................................ 9  
   3.1 **Key Legislative Requirements** ................................................................................ 9  
   3.2 **Standards and Guidelines** ...................................................................................... 9  
   3.3 **Aboriginal Heritage Requirements** .......................................................................... 10  
   3.4 **Non-Aboriginal Heritage Requirements** .................................................................... 10  
   3.5 **State and Commonwealth Approval Requirements** .................................................. 11  
   3.6 **Response to Submissions Requirements** ................................................................... 17  
   3.7 **Construction Environmental Management Framework** ........................................... 18  
   3.8 **Stakeholder Consultation and Approval** .................................................................... 19  

4. **Key Risks** ................................................................................................................ 23  
   4.1 **Existing Environment** ............................................................................................. 23  
   4.2 **Risk Assessment undertaken in the EIS** .................................................................... 25  
   4.3 **On-going Risk Assessment** ..................................................................................... 26  
   4.4 **Impact Identification** ............................................................................................... 26  

5. **Management** ............................................................................................................ 28  
   5.1 **Mitigation and Management Measures** ................................................................... 28  
   5.2 **Roles and Responsibilities** ..................................................................................... 31  
   5.3 **Environmental Incidents, Non-Compliance and Complaints** .................................... 32  
   5.4 **Inspections and Auditing** ....................................................................................... 32  
   5.5 **Record Keeping** .................................................................................................... 33  
   5.6 **Communication** .................................................................................................. 33  
   5.7 **Training and Awareness** ....................................................................................... 33  
   5.8 **Emergency Planning and Response** ....................................................................... 33  
   5.9 **Document Review** ............................................................................................... 34
Attachments

Attachment A – Salvage Procedure
Attachment B – Heritage Items Locations Map
Attachment C – Unexpected Finds Procedure
Attachment D – Archival Recording Requirements
Attachment E – Evidence of Consultation

Glossary of Terms

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHIMS</td>
<td>Aboriginal Heritage Information Management System</td>
</tr>
<tr>
<td>AHIP</td>
<td>Aboriginal Heritage Impact Permits</td>
</tr>
<tr>
<td>ARTC</td>
<td>Australian Rail Track Corporation</td>
</tr>
<tr>
<td>CEMF</td>
<td>Construction Environmental Management Framework</td>
</tr>
<tr>
<td>CEMP</td>
<td>Construction Environmental Management Plan</td>
</tr>
<tr>
<td>CoA</td>
<td>Conditions of Approval</td>
</tr>
<tr>
<td>CSSI</td>
<td>Critical State Significant Infrastructure</td>
</tr>
<tr>
<td>DECC</td>
<td>Department of Energy and Climate Change</td>
</tr>
<tr>
<td>DECCW</td>
<td>Department of Environment Climate Change and Water</td>
</tr>
<tr>
<td>DP&amp;E</td>
<td>Department of Planning and Environment</td>
</tr>
<tr>
<td>EIS</td>
<td>Environmental Impact Statement</td>
</tr>
<tr>
<td>EMS</td>
<td>Environmental Management System</td>
</tr>
<tr>
<td>EPBC Act</td>
<td>Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)</td>
</tr>
<tr>
<td>EWMS</td>
<td>Environmental Work Method Statements</td>
</tr>
<tr>
<td>HMP</td>
<td>Heritage Management Plan</td>
</tr>
<tr>
<td>OEH</td>
<td>Office of Environment and Heritage</td>
</tr>
<tr>
<td>MNES</td>
<td>Matters of National Significance</td>
</tr>
<tr>
<td>NPW Act</td>
<td>National Parks and Wildlife Act 1974</td>
</tr>
<tr>
<td>P2N</td>
<td>Parkes to Narromine</td>
</tr>
<tr>
<td>Term</td>
<td>Definition</td>
</tr>
<tr>
<td>------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>RAP</td>
<td>Registered Aboriginal Party</td>
</tr>
<tr>
<td>RMM</td>
<td>Revised Mitigation Measures</td>
</tr>
</tbody>
</table>
1 Scope

1.1 Purpose

The purpose of this plan is to describe how Aboriginal and non-Aboriginal heritage will be protected and managed during construction of the Inland Rail Parkes to Narromine (P2N) project.

The overall Environmental Management System (EMS) for the Project is described in the Construction Environmental Management Plan (CEMP). The Heritage Management Plan (HMP) is part of the Australian Rail Track Corporation (ARTC) environmental management framework for the Project, as described in Section 4 of the CEMP.

In accordance with C4 (f), this Plan has been developed in consultation with the NSW Office of Environment and Heritage (OEH) and Registered Aboriginal Parties (RAP) and has been provided to both for their input. Management measures identified in this Plan will be implemented throughout construction.
2 Objective

2.1 Heritage Objectives

The key objective of the HMP is to ensure that impacts to Aboriginal and non-Aboriginal heritage are minimised and within the scope permitted by the planning approval. To achieve this objective, the following will be undertaken:

- Engagement with the local Aboriginal community to facilitate the management of the Aboriginal cultural heritage values associated with the work.
- Appropriate controls and procedures will be implemented during construction activities to avoid or minimise potential adverse impacts to Aboriginal and non-Aboriginal heritage along the work footprint.
- Appropriate measures will be implemented to address the relevant Ministers Condition of Approval (CoA) (Refer to Table 3-1) and the safeguards and detailed in the Environmental Impact Statement (EIS) and Construction Environmental Management Framework (CEMF).
- Appropriate measures will be implemented to comply with all relevant legislation and other requirements as described in Section 3.1 of this Plan.
- An organised, integrated and systematic approach will be adopted to effectively address Aboriginal and non-Aboriginal heritage management issues.
- Avoid damage or destruction of items of Aboriginal and non-Aboriginal value during pre-construction, construction and post construction phases of the work.
- Ensure site/artefacts of Aboriginal and non-Aboriginal value during construction and post construction phases of the work are managed in accordance with relevant sections of the Heritage Act 1977 (NSW) and National Parks and Wildlife Services Act 1974 (NSW).
- Provide staff with an increased level of understanding and awareness of heritage management issues & ensure effective communication is maintained with Regulatory Authorities and all requirements are met to control impacts on items of historical heritage value.

2.2 Targets

The following environmental performance targets have been established for the management of Aboriginal cultural heritage and non-Aboriginal heritage impacts during the project:

- Ensure full compliance with the CoA.
- Impacts on heritage are managed in accordance with relevant legislation, including the EP&A Act, the Heritage Act 1997, and relevant guidelines.
- Minimise impacts on known Aboriginal and non-Aboriginal heritage sites.
- Follow correct procedure and ensure notification of any Aboriginal heritage objects/places uncovered during construction with impacts.
- Ensure Aboriginal Cultural Heritage Awareness Training is provided to all personnel in the form of inductions before they begin work on-site.
- Minimise the surface footprint.
- The potential impacts identified are mitigated by photographic/archival recording.

The environmental performance outcomes will be achieved through implementation of this plan and its mitigation measures. This will be managed through project inductions, specialised training, toolbox talks, inspections, and environmental monitoring and auditing. Project inductions will inform personnel of the management measures, while the toolbox talks and specialised training will ensure they are reinforced throughout the construction program.
3 References

3.1 Key Legislative Requirements

Key legislation pertaining to the management of potential impacts on heritage values during the construction phase of the project include:

- **National Parks and Wildlife Act 1974 (NSW)** – provides statutory protection for some aspects of Aboriginal heritage
- **Heritage Act 1977 (NSW)** – provides for the conservation of buildings, works, archaeological relics and places of heritage value
- **Environmental Planning and Assessment Act 1979 (NSW)** - describes the processes for consenting development in NSW, managing land use and implementing environmental planning instruments. Describes certain permitting and licencing streaming and exclusion provisions that will apply to the work
- **Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)** - provides for the protection of matters of national environmental significance including species, populations, communities and their habitat that could be impacted by the work
- **Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Commonwealth)** - Enacted to specifically protect Aboriginal and Torres Strait Islander heritage

3.2 Standards and Guidelines

Key standards and guidelines applicable to the management of potential impacts on heritage values during the construction phase of the project include:

- National Parks and Wildlife Regulation 2009 (NSW)
- **Code of practice for archaeological investigation of Aboriginal object in New South Wales (DECC 2010)** (NSW)
- **Aboriginal cultural heritage consultation requirements for proponents 2010 (DECC, 2010a)** (NSW)
- Guide to investigation assessing and reporting on Aboriginal Cultural Heritage in NSW (OEH, 2010) (NSW)
- **NSW Heritage Manual** (Heritage Office and Department of Urban Affairs and Planning, 1996) (NSW)
- **Assessing Heritage Significance** (Heritage Office, 2001) (NSW)
- **Statements of Heritage Impact** (Heritage Office and Department of Urban Affairs and Planning, 2002) (NSW)
- The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance 2013 (Commonwealth)
- **Historical Archaeology Code of Practice 2006** (NSW)
- **Infrastructure Sustainability Scorecard Design and As Built v1.2** (Infrastructure Sustainability Council of Australia (ISCA)), (Australia & New Zealand)
- **Archival recording guidelines** (Heritage branch 1998) (NSW)
- Photographic recording guidelines (Heritage Branch 2006) (NSW)
- Archaeological assessment guidelines (Heritage Office 96) (NSW)
- **Aboriginal Participation in Construction** (2007) (NSW)
3.3 Aboriginal Heritage Requirements

The legislation relating to Aboriginal heritage in NSW is the National Parks and Wildlife Act 1974 (NPW Act) and the supporting regulation. The NPW Act defines an Aboriginal object as ‘any deposit, object or material evidence (not being a handicraft made for sale) relating to the Aboriginal habitation of the area that comprises New South Wales’.

Under Section 84 of the NPW Act, an Aboriginal place must be declared by the Minister as a place that, in the opinion of the Minister, is or was of special significance with respect to Aboriginal culture. Section 86(4) of the NPW Act states that a person must not harm or desecrate an Aboriginal place.

Under the NPW Act, it is an offence to harm or desecrate an Aboriginal object or Aboriginal place. Under section 87(1) of the Act, it is a defence to a prosecution offence if the harm or desecration of an Aboriginal object was authorised by an Aboriginal Heritage Impact Permit (AHIP) and the activities were carried out in accordance with that AHIP. The provisions of the EP&A Act provide an exemption from the requirement for an AHIP for activities approved as Critical State Significant Infrastructure of which this Project has been deemed, however, the other provisions of the NPW Act still apply.

The NPW Act requires due diligence be exercised to determine if Aboriginal sites would be harmed by any works. Aboriginal sites include:

- Aboriginal objects (as defined under the NPW Act) or groups of objects
- An area of land containing Aboriginal objects
- A potential archaeological deposit which is an area where, based on previous investigation, Aboriginal objects are likely to be present
- A declared Aboriginal Place as defined under the NPW Act, which may or may not contain Aboriginal objects
- An Aboriginal site that has been partially or completely destroyed under the conditions of a past consent.

The Environment Protection Biodiversity Conservation (EPBC) Act also provides provisions to list and protect Aboriginal sites or places considered to be of national significance.

3.4 Non-Aboriginal Heritage Requirements

The predominant legislation relating to non-Aboriginal heritage in NSW is the Heritage Act 1977. It provides for the identification, registration and protection of items of State heritage significance, constitutes the Heritage Council of NSW, and confers on it functions relating to the State’s heritage.

It should be noted that some approvals under the Heritage Act (that is, approvals under Part 4 and Division 8 of Part 6, and excavation permits under section 139) are not required for approved CSSI Projects.
The Environment Protection and Assessment (EP&A) Act establishes the framework for heritage values to be formally assessed in land use planning and local development consent processes. Under this Act, the definition of ‘environment’ includes cultural heritage. The Heritage Act defines ‘environmental heritage’ as places, buildings, works, relics, movable objects or precincts considered significant based on historical, scientific, cultural, social, archaeological, architectural, natural or aesthetic values. Items and places of national heritage significance, as well as heritage places owned by the Australian Government, are managed under the EPBC Act. The EPBC Act provides for the identification, registration, and protection of items of national heritage significance.

3.5 State and Commonwealth Approval Requirements

Under Part 5.1 of the NSW Environmental Planning and Assessment Act a declared CSSI project is assessed and must be approved by the Minister for Planning. Table 3-1 outlines CoA (June 2018) for the project from the NSW Department of Planning and Environment (DP&E).

Part 5.4 Division 1 of the Protection of Environment Operations (POEO) Act 1997 sections 124-132 outlines requirements and stipulates offences and penalties applicable to the Project. These conditions form the Environment Protection Licence (EPL) (October 2018). Those related to the Heritage mitigation measures are outlined in Error! Reference source not found.

Table 3-1 – Conditions of Approval

<table>
<thead>
<tr>
<th>Ref ID</th>
<th>Details</th>
<th>Where addressed</th>
<th>How addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A5</td>
<td>Where the terms of this approval require a document to be prepared or a review to be undertaken in consultation with identified parties, consultation must be carried out in accordance with the Communications Strategy required by Condition B1. Evidence of the consultation undertaken must be submitted to the Secretary with the document.</td>
<td>Section 3.8</td>
<td>Consultation has been carried out with OEH and the ER in accordance with the Communications Strategy, with comments incorporated into this management plan. Attachment E contains the evidence of consultation.</td>
</tr>
<tr>
<td>A5a)</td>
<td>The evidence must include: Documentation of the engagement with the party (ies) identified in the condition for approval that has occurred prior to submitting the document for approval.</td>
<td>Section 3.8</td>
<td>Consultation has been carried out with OEH and the ER in accordance with the Communications Strategy, with comments incorporated into this management plan. Attachment E contains the evidence of consultation.</td>
</tr>
<tr>
<td>Ref ID</td>
<td>Details</td>
<td>Where addressed</td>
<td>How addressed</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>A5b)</td>
<td>The evidence must include: A log of the points of engagement or attempted engagement with the identified party (ies) and a summary of the issues raised by them.</td>
<td>Section 3.8</td>
<td>Consultation has been carried out with OEH and the ER in accordance with the Communications Strategy, with comments incorporated into this management plan. Attachment E contains the evidence of consultation.</td>
</tr>
<tr>
<td>A5c)</td>
<td>The evidence must include: Documentation of the follow-up with the identified party (ies) where feedback has not been provided to confirm that they have none or have failed to provide feedback after repeated requests.</td>
<td>Section 3.8</td>
<td>Feedback from OEH and the ER has been received with comments incorporated into this management plan. Attachment E contains the evidence of consultation.</td>
</tr>
<tr>
<td>A5d)</td>
<td>The evidence must include: An outline of the issues raised by the identified party (ies) and how they have been addressed.</td>
<td>Section 3.8</td>
<td>Issues raised from OEH, and the ER is addressed within Table 3-5. Attachment E contains the evidence of consultation.</td>
</tr>
<tr>
<td>A5e)</td>
<td>The evidence must include: A description of the outstanding issues raised by the identified party (ies) and the reasons why they have not been addressed.</td>
<td>Section 3.8</td>
<td>Issues raised from OEH and the ER is addressed within Table 3-5. Attachment E contains the evidence of consultation.</td>
</tr>
<tr>
<td>Ref ID</td>
<td>Details</td>
<td>Where addressed</td>
<td>How addressed</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>A19d)</td>
<td>For the duration of the works until the completion of construction, the approved ER must: Review documents identified in Conditions C1 and C4, and any other documents that are identified by the Secretary, to ensure they are consistent with requirements in or under this approval and if so:</td>
<td>Section 5.9</td>
<td>The ER has reviewed the identified documents with comments incorporated into this management plan. The works as described in this plan will not commence until the ER has endorsed the document and approval is received from the Department of Planning and Environment (DP&amp;E). Attachment H of the CEMP contains the ER endorsement letter.</td>
</tr>
<tr>
<td></td>
<td>i. make a written statement to this effect before submission of such documents to the Secretary (if those documents are required to be approved by the Secretary); or</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ii. make a written statement to this effect before the implementation of such documents (if those documents are required to be submitted to the Secretary / Department for information or are not required to be submitted to the Secretary / Department)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A19e)</td>
<td>For the duration of the works until the completion of construction, the approved ER must: Regularly monitor the implementation of the document listed in Conditions C1 and C4 to ensure implementation is being carried out in accordance with the document and the terms of this approval.</td>
<td>Section 5.4</td>
<td>Inspections and audits will be undertaken in accordance with Section 5.4, to ensure the conditions are implemented.</td>
</tr>
<tr>
<td>C4</td>
<td>The following CEMP Sub-plans must be prepared in consultation with the relevant government agencies and relevant councils identified for each CEMP Sub-plan and be consistent with the CEMP referred to in the EIS.</td>
<td>Section 3.8</td>
<td>This HMP has been developed in consultation with OEH as outlined in Section 3.8 with comments addressed and incorporated into this management plan.</td>
</tr>
<tr>
<td></td>
<td>Required CEMP Sub-plan</td>
<td>Relevant government authorities to be consulted for each CEMP Sub-plan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(f) Heritage</td>
<td>OEH</td>
<td></td>
</tr>
<tr>
<td>C5</td>
<td>The CEMP Sub-plans must state how:</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>a)</td>
<td>The environmental performance outcomes identified in the EIS and Submissions Report, as modified by these conditions, will be achieved.</td>
<td>Section 5.1</td>
<td>The environmental performance outcomes are outlined in Section 2.2 and will be achieved through implementation of this plan.</td>
</tr>
<tr>
<td>b)</td>
<td>The mitigation measures identified in the EIS and Submissions Report, as modified by these conditions will be implemented.</td>
<td>Section 5.1</td>
<td>The mitigation measures relevant to heritage are outlined in Section 5.1 and will be applied through the implementation of this plan.</td>
</tr>
<tr>
<td>Ref ID</td>
<td>Details</td>
<td>Where addressed</td>
<td>How addressed</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>c)</td>
<td>The relevant terms of this approval will be complied with; and</td>
<td>This Plan</td>
<td>The relevant terms of this approval will be complied with through the implementation of this plan.</td>
</tr>
<tr>
<td>d)</td>
<td>Issues requiring management during construction, as identified through ongoing environment risk analysis will be managed.</td>
<td>Section Error! Reference source not found. Section Error! Reference source not found.</td>
<td>The environmental risk assessment is outlined in Section Error! Reference source not found. and Error! Reference source not found. and describes the associated risks. The ongoing risk assessment process is outlined in Section 3.2 of the CEMP and Section 4.3 of this plan, with identified risks managed through Site Environmental Plans.</td>
</tr>
<tr>
<td>C6</td>
<td>The CEMP Sub-plans must be endorsed by the ER and then submitted to the Secretary for approval no later than one (1) month before the commencement of the construction activities to which they apply</td>
<td>Attachment A</td>
<td>This HMP is required to be approved by DP&amp;E in accordance with this conditions before the commencement of construction activities as outlined in Section 3.8. This HMP has been endorsed by the ER. Refer to the CEMP for the ER endorsement letter.</td>
</tr>
<tr>
<td>C7</td>
<td>Any of the CEMP Sub-plans may be submitted to the Secretary along with, or subsequent to, the submission of the CEMP</td>
<td>Section 3.8</td>
<td>This HMP will be submitted to DP&amp;E along with, or subsequent to, the submission of the CEMP.</td>
</tr>
<tr>
<td>C9</td>
<td>The Construction Heritage Management Sub-plan must include:</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>a)</td>
<td>Identification of the Aboriginal objects that must be avoided and the protective measures to be put in place;</td>
<td>Section 4.1 Section 5.1 Attachment B CEMP</td>
<td>Identification of aboriginal objects and avoidance and protective measures have been outlined in Section 4.1.1.</td>
</tr>
<tr>
<td>Ref ID</td>
<td>Details</td>
<td>Where addressed</td>
<td>How addressed</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>-----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>b)</td>
<td>Procedures for salvaging and safe keeping the Aboriginal objects identified in Chapter 17 of the EIS and their long-term management;</td>
<td>Section 5.1.2</td>
<td>A methodology for salvage and safe keeping of items is outlined in Section 5.1.2. A procedure is also detailed in Attachment A.</td>
</tr>
<tr>
<td>c)</td>
<td>Measures to prevent vibration and direct impacts to Wyanga Cottage; and</td>
<td>Section 5.1.5</td>
<td>Section 5.1.5 addresses impacts to the Wyanga Cottage and provide mitigation and management measures to implement.</td>
</tr>
<tr>
<td>d)</td>
<td>An Unexpected Heritage Finds and Human Remains Procedure prepared by a suitably qualified and experienced heritage specialist. The Proponent must consult with the Registered Aboriginal Parties in the development of the sub-plan with respect to Aboriginal objects.</td>
<td>Attachment C</td>
<td>An Unexpected Heritage Finds and Human Remains Procedure has been prepared in Attachment C. This has been consulted with the RAPs through consultation of the HMP. This is also addressed Section 5.1.4.</td>
</tr>
<tr>
<td></td>
<td>Note: Human remains that are found unexpectedly during works are under the jurisdiction of the NSW State Coroner and must be reported to the NSW Police immediately.</td>
<td>Section 5.1.4</td>
<td>The unexpected find of human remains is outlined in Section 5.1.4. This will be managed through the procedure in Attachment C.</td>
</tr>
<tr>
<td>C12</td>
<td>Construction must not commence until the CEMP Sub-plans have been approved by the Secretary. The CEMP and CEMP Sub-plans, as approved by the Secretary, including any minor amendments approved by the ER, must be implemented for the duration of construction. Where the CSSI is being staged, construction of that stage is not to commence until the relevant CEMP and Sub-plans have been endorsed by the ER and approved by the Secretary.</td>
<td>Section 3.8</td>
<td>As outlined in Section 3.8, construction will not commence until this HMP has been approved by the Secretary. This HMP, as approved by DP&amp;E, including any minor amendments approved by the ER, will be implemented for the duration of construction.</td>
</tr>
<tr>
<td>C20</td>
<td>Construction ancillary facilities must meet the following criteria, unless other approved by the Secretary:</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Ref ID</td>
<td>Details</td>
<td>Where addressed</td>
<td>How addressed</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>b) (vi)</td>
<td>So as not to have any impacts on heritage items (including areas of archaeological sensitivity) beyond the impacts identified, assessed and approved under other terms of this approval.</td>
<td>SEMP</td>
<td>The location of the ancillary facilities have been determined as not to have any impacts on heritage items other than that already committed by the project approval.</td>
</tr>
<tr>
<td>E57</td>
<td>The Proponent must not destroy, modify or otherwise physically affect any heritage items, including human remains, outside of the CSSI construction boundary.</td>
<td>Section 5.1</td>
<td>Mitigation measure H1 addresses this CoA. Site Environmental Plans will be used to manage on the ground works.</td>
</tr>
<tr>
<td>E58</td>
<td>The Proponent must not to harm, modify, or otherwise impact human remains uncovered during the construction of the CSSI.</td>
<td>Section 5.1</td>
<td>Section 5.1 outlines the mitigation measures for heritage items. The implementation of these measures is also detailed in Section 5.1. Mitigation measure H9 addresses this.</td>
</tr>
<tr>
<td>E59</td>
<td>Identified impacts to heritage items must be minimised through both design and construction. The measures for ensuring this are to be detailed in the Construction Heritage Management Sub-Plan required by Condition C4(f).</td>
<td>This Plan</td>
<td>The impacts to heritage items will be minimised through construction by the implementation of this plan and the mitigation measures outlined in Section 5.1.</td>
</tr>
<tr>
<td>E60</td>
<td>The Proponent must implement management measures to ensure that Wyanga Cottage is not directly or indirectly impacted by the construction of the CSSI.</td>
<td>Section 5.1</td>
<td>Mitigation measures outlined in Section 5.1.5 address this.</td>
</tr>
<tr>
<td>E61</td>
<td>The Proponent must undertake Heritage Photographic Archival Recordings of potential heritage items associated with the existing rail line (including culverts/underbridges with timber components and former rail station sites) which have been identified for demolition in the EIS and Submissions Report. The photographic recording must be undertaken in accordance with ARTC’s Archival Recording Standard.</td>
<td>Section 5.1.3</td>
<td>Heritage Photographic Archival Recording of potential heritage items will be undertaken in accordance with Attachment D. Mitigation measures outlined in Section 5.1.3 address this.</td>
</tr>
<tr>
<td>E62</td>
<td>The Proponent must not destroy, modify or otherwise physically affect AHIMS site 35-3-0207 (scarred tree).</td>
<td>Section 5.1.5</td>
<td>Measures identified in Section 5.1.5 will ensure the item is identified on Site Environmental Plans, demarcated and appropriate training is provided.</td>
</tr>
<tr>
<td>Ref ID</td>
<td>Details</td>
<td>Where addressed</td>
<td>How addressed</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| E63    | The Proponent must implement measures to attempt to avoid impacts to AHIMS sites 35-3-0206, 35-3-0208 and 43-3-0111. If impacts to the sites cannot be avoided, the Proponent must provide for an appropriately qualified archaeological heritage consultant and registered Aboriginal stakeholder to record and collect any artefacts at the sites which will be affected by the construction of the SSI, prior to the commencement of any works that will impact on the sites. The artefacts must be lodged in a keeping place as required by Condition C9 and the safe keeping place must be identified in the Construction Heritage Management Sub-plan required by Condition C4(f). | Section 5.1.5, 5.1.6 Attachment A | Measures identified in Section 5.1.5 and 5.1.6 will ensure the item is identified on Site Environmental Plans, demarcated and appropriate training is provided.
It is not anticipated that these AHIMS sites will be directly impacted by the construction of the CSSI. However, in the event there is the potential to be affected an appropriately qualified archaeological heritage consultant and registered Aboriginal stakeholder will be provided. |
| E64    | In the event that the previously recorded AHIMS sites 35-6-0062, 35-6-0063 and 35-6-0065 are located within the CSSI boundary and will be directly impacted by the construction of the CSSI, the Proponent must provide for an appropriately qualified archaeological heritage consultant and registered Aboriginal stakeholder to record and collect any artefacts at the sites which will be affected by the construction of the SSI, prior to the commencement of any works that will impact on the sites. The artefacts must be lodged in a keeping place as required by Condition C9 and the safe keeping place must be identified in the Construction Heritage Management Sub-plan required by Condition C4(f). | Section 5.1.2, 5.1.5, 5.1.6 | Measures identified in Section 5.1.5 and 5.1.6 will ensure the item is identified on Site Environmental Plans, demarcated and appropriate training is provided. Section 5.1.2 will ensure the items are salvages correctly and their safe keeping is appropriate.
It is not anticipated that these AHIMS sites will be directly impacted by the construction of the CSSI. However, in the event there is the potential to be affected an appropriately qualified archaeological heritage consultant and registered Aboriginal stakeholder will be provided. |

3.6 Response to Submissions Requirements

The mitigation measures from the Response to Submissions Report relevant to Aboriginal and non-Aboriginal heritage are listed in Table 3-2 below.
Table 3-2 Revised Mitigation Measures

<table>
<thead>
<tr>
<th>Ref ID</th>
<th>Details</th>
<th>Where addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>D8.1</td>
<td>Construction planning would avoid direct impacts to the identified items/sites of Aboriginal heritage significance where practicable.</td>
<td>This Plan</td>
</tr>
<tr>
<td>D8.2</td>
<td>Any works outside the proposal site would be subject to further review and assessment to avoid impacts on Aboriginal items.</td>
<td>Section 5.1 MM H1</td>
</tr>
<tr>
<td>D8.4a)</td>
<td>Impacts to AHIMS listed sites 35-3-0206 and 45-3-0111 would be avoided where possible. These sites would be fenced prior to construction and their locations marked on all plans. A buffer of 10 metres around the sites would be applied to all fencing.</td>
<td>Section 5.1.5</td>
</tr>
<tr>
<td></td>
<td>If these sites cannot be avoided, salvage of artefacts would be undertaken prior to construction in accordance with the procedures detailed in Technical Report 8.</td>
<td>Section 5.1.2 Attachment A</td>
</tr>
<tr>
<td>b)</td>
<td>Impacts to the scarred tree at 35-3-0207 and the artefact scatter at 35-3-0208 would be avoided. The sites would be fenced prior to construction and marked on all plans.</td>
<td>Section 5.1.5</td>
</tr>
<tr>
<td>c)</td>
<td>The management of potential vibration impacts at the cottage would be undertaken in accordance with the Inland Rail NSW Construction Noise and Vibration Management Framework.</td>
<td>Section 5.1.5</td>
</tr>
<tr>
<td>D8.5 b)</td>
<td>Direct impacts to Wyanga cottage would be avoided by the installation of temporary fencing, and marking the cottage as a ‘no go’ area on plans.</td>
<td>Section 5.1.5</td>
</tr>
<tr>
<td>c)</td>
<td>A photographic/archival recording would be undertaken of culverts/underbridges with timber components, former rail station sites (as described in sections 6.4.1 and 6.4.2 of Technical Report 8), and Wyanga cottage, in accordance with ARTC’s Archival Recording Standard.</td>
<td>Section 5.1.3 Attachment D</td>
</tr>
<tr>
<td>e)</td>
<td>The photographic recording would include contextual photographs showing the relationships between the rail line, station sites, and associated grain rail sidings and silos.</td>
<td>Section 5.1.3</td>
</tr>
<tr>
<td>D8.6</td>
<td>An unexpected finds procedure would be developed and included in the CEMP to provide a consistent method for managing any unexpected Aboriginal and non-Aboriginal heritage items discovered during construction, including potential heritage items or objects, and human skeletal remains.</td>
<td>Attachment C</td>
</tr>
<tr>
<td>C8.1 a)</td>
<td>If potential Aboriginal or non-Aboriginal archaeological remains, relics, items, or human remains are uncovered, works within the immediate area of the item would cease, and the unexpected finds procedure would be implemented.</td>
<td>Attachment C</td>
</tr>
<tr>
<td>b)</td>
<td>During pre-work briefings, employees would be made aware of the unexpected finds procedures and obligations under the National Parks and Wildlife Act 1974.</td>
<td>Attachment C</td>
</tr>
</tbody>
</table>

3.7 Construction Environmental Management Framework

The CEMF provides a link between the planning approval phase, detailed design and the construction environmental management documentation. Relevant construction environmental framework items requiring the preparation of a HMP are outlined in Table 3-3. The CEMF from which these requirements are extracted is intended to be a publicly released document.
Table 3-3 Construction Environmental Management Framework

<table>
<thead>
<tr>
<th>Ref ID</th>
<th>Details</th>
<th>Where addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.3</td>
<td>The construction contractor must develop and implement a Heritage Management Plan which must include, as a minimum:</td>
<td>–</td>
</tr>
<tr>
<td>a)</td>
<td>The heritage mitigation measures as detailed in the Project approval documentation and Project conditions of approval;</td>
<td>Section 3.5, Section 5.1</td>
</tr>
<tr>
<td>b)</td>
<td>The responsibilities of key project personnel with respect to the implementation of the plan;</td>
<td>Section 5.2, Section 5.1</td>
</tr>
<tr>
<td>c)</td>
<td>Identification and documentation of any competencies, training, experience or qualification of personnel undertaking works under this plan;</td>
<td>Section 5.7</td>
</tr>
<tr>
<td>d)</td>
<td>Details of management measures to be implemented to prevent and minimise impacts on heritage items (including further heritage investigations, archival recordings and/or measures to protect unaffected sites during construction works in the vicinity);</td>
<td>Section 5.1</td>
</tr>
<tr>
<td>e)</td>
<td>Procedures for unexpected heritage finds, including procedures for dealing with human remains;</td>
<td>Attachment C</td>
</tr>
<tr>
<td>f)</td>
<td>Heritage monitoring requirements; and,</td>
<td>Section 5.4</td>
</tr>
<tr>
<td>g)</td>
<td>Compliance record generation and management.</td>
<td>Section 5.3, Section 5.4, Section 5.9</td>
</tr>
</tbody>
</table>

3.8 Stakeholder Consultation and Approval

In accordance with the CoA this HMP has been developed in consultation with the OEH. Consultation was undertaken in accordance with the Communications Strategy required under CoA B1.

Further, this HMP as a Sub-plan to the CEMP is required to be approved by the DP&E and endorsed by the Environmental Representative (ER) prior to the commencement of construction as required by the CoA (Attachment H of the CEMP).

This consultation is intended to assist in development and finalisation of the plan. Table 3-4 summarises relevant stakeholder reviews and response to review.

Table 3-4 – Summary of Consultation and Approval

<table>
<thead>
<tr>
<th>Agency</th>
<th>Requirement</th>
<th>Status</th>
<th>Response¹</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>OEH</td>
<td>Consultation</td>
<td>Completed</td>
<td>Letter with comments</td>
<td>2 October 2018, 5 November 2018</td>
</tr>
</tbody>
</table>

¹ Evidence of consultation is provided by ARTC as a separate report
As outlined in the table above OEH, provided comments on the Heritage Management Plan on 5 November 2018. These comments and how they have been addressed throughout this plan are detailed in Table 3-5.

Table 3-5 Summary of OEH Consultation

<table>
<thead>
<tr>
<th>Subject</th>
<th>Comment</th>
<th>How addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Care agreement for Aboriginal objects</td>
<td>Where Aboriginal objects are to be moved off-site, for example for curation in a designated keeping place and/or Local Aboriginal Land Council Office, an application for a Care Agreement with OEH is required. If the preference of the Registered Aboriginal Parties (RAPs) is to relocate the objects onto lands close to where the objects were found, an Aboriginal impact site card must be completed and submitted to the OEH Aboriginal Heritage Information Management System (AHIMS). The request to have Aboriginal objects curated in a local library or government building is inconsistent with the preferred choice by the RAPs in western NSW. May need to further discuss with the RAPs the appropriateness of any off-site artefact storage.</td>
<td>Section 5.1.2 has been amended to ensure these requirements will be met. Section 5.1.2 has been amended to ensure the Aboriginal Archaeology Services and RAPs are consulted on the location of the off-site artefact storage.</td>
</tr>
<tr>
<td>Mitigation measure H11 Aboriginal Ancestral remains</td>
<td>The cited NPWS Standard and Guidelines Kit 1997 was disbanded and is no longer applicable. In its place, OEH refer proponents to the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW (2010) and to the Code of practice for archaeological investigation of Aboriginal objects in NSW (2010). These two documents cover all matters regarding assessing and managing Aboriginal heritage.</td>
<td>Amendments to Section 3.2 Standards and Guidelines have been made to include these requirements.</td>
</tr>
</tbody>
</table>
**Subject**: Should human remains be discovered OEH and the NSW Police should be contacted. It is standard practice that wherever possible, a suitably qualified OEH officer is on-site supporting NSW Police inquiries on the discovery of possible human remains. If the remains are part of an ancestral burial site OEH will provide advice to the proponent on the appropriate next steps for Aboriginal consultation and site management. Table 5-1 should be amended to reflect the consultation requirements.

**How addressed**: This has been reflected in Section 5.1.4. The unexpected procedure in Attachment C outlines this.

---

### 3.8.1 Aboriginal Consultation

Consultation with Aboriginal parties is an integral part of identifying and assessing the significance of Aboriginal objects and/or places as well as determining and carrying out appropriate strategies to mitigate impacts upon Aboriginal heritage. In accordance with current requirements and expectations, consultation with Aboriginal parties regarding the proposal was undertaken in accordance with Part 8A, Clause 80C of the National Parks and Wildlife (NPW) Regulation and the Aboriginal cultural heritage consultation requirements for proponents (DECCW 2010). The documentation of the outcomes of Aboriginal party consultation in this HMP reflects the requirements of the Guide to investigating assessing and reporting on Aboriginal Cultural Heritage in NSW (OEH 2011).

The registered Aboriginal Parties (RAP) associated with the Parkes to Narromine project are:

- Peak Hill Local Aboriginal Land Council
- First Nation Cultural Tours
- Gamarada Consulting
- Kullila Site Consultants
- National Koori Site Management
- Dhinawan-Dhigaraa Cultural and Heritage Pty Limited
- Mooka
- Paul Brydon
- Butucarbin Aboriginal Corporation.

When work is to be undertaken within the above RAPs land areas they will be consulted and provided the opportunity for further involvement.

Table 3-6 outlines the comments received from the RAPs and how they have been addressed in this plan.
<table>
<thead>
<tr>
<th>RAP</th>
<th>Comment</th>
<th>How addressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aboriginal Archaeology Service INC (AAS)</td>
<td>“Would like to see any artefacts collected displayed for all to see in the local library or local government building or reburied in close proximity of the area (outside the new development)”</td>
<td>Section 5.1.2 discusses the collection, display and burial of artefacts.</td>
</tr>
<tr>
<td></td>
<td>“The scarred tree needs to be protected with adequate barricades and signage to prevent any damage during construction.”</td>
<td>Protection for the scarred tree is addressed in Section 5.1.5.</td>
</tr>
<tr>
<td></td>
<td>“Any works outside the proposed site will need to be subject to further review of Aboriginal significance.”</td>
<td>No significant works are expected to be undertaken outside the approved construction area. Any works undertaken outside the existing approved area will be subject to additional heritage assessment. This is addressed in Section 5.1.6 MM 12</td>
</tr>
<tr>
<td></td>
<td>AAS request involvement in all consultation meetings and fieldwork.</td>
<td>RAPs will be consulted and engaged as required as addressed in Section 5.1.6 MM 11.</td>
</tr>
<tr>
<td>Dhinawan-Dhigaraa Cultural Heritage</td>
<td>Satisfied that the HMP meets requirements for satisfactory assessment for Aboriginal cultural heritage and Archaeological Assessment.</td>
<td>Noted.</td>
</tr>
</tbody>
</table>
4 Key Risks

4.1 Existing Environment

4.1.1 Aboriginal Heritage Items

The EIS identified a total of 19 listed sites within 50m of the proposal site through the Aboriginal Heritage Information Management System (AHIMS) database in September 2015 and updated October 2016. Four of these sites are identified as occurring within the proposal site. A further desktop of AHIMS was performed in October 2018, to confirm the search undertaken in September 2015 and October 2016. These results were consistent with the previous 2015 and 2016 surveys.

Technical Report 8: Aboriginal Cultural Heritage and Archaeological Assessment of the EIS (Umwelt 2017) provided the following:

Archaeological surveys were conducted between 25 July and 2 August 2016 by personnel from Umwelt and GHD, as well as Aboriginal party representatives.

The following listed sites are located adjacent to the proposal site, and their location was confirmed during field surveys (GHD 2017, Umwelt 2017):

- **GDM 1 (site 35-3-0206)** – a total of 20 artefacts consisting of quartz flakes. These artefacts were located along the banks of Backwater Cowal. See Figure 6 in Attachment B.
- **GDM 2 (site 35-3-0207)** – a scarred tree located within an area of archaeological potential on Backwater Cowal adjacent to the proposal site. See Figure 6 in Attachment B.
- **GDM 3 (site 35-3-0208)** – a scatter of 29 artefacts consisting of quartz with the exception of one broken quartzite flake. The artefacts include a bipolar quartz core and are distributed over a large access track exposure bordering the existing rail line. See Figure 6 in Attachment B.
- During the site inspections, site P2N IA1 (AHIMS #43-3-0111) was identified as per Figure 2 in Attachment B. This site is located within the proposal area and consists of a single silcrete flake located on an access track on the northern bank of a tributary of Ridgey Creek. It is situated less than 10 metres from the current culvert edge on the western side of the rail line.

The following sites are listed, however were not identified during field surveys as they were potentially salvaged prior to the construction of a gas pipeline in the area:

- Site 35-6-0062
- Site 35-6-0063
- Site 35-6-0065

These sites have been assessed as having low archaeological significance, however ARTC is seeking to source the AHIP’s relevant to these sites to assess any management measures previously deployed or define whether further management is potentially required.

No Aboriginal places declared under section 84 of the NPW Act, or Aboriginal places of heritage significance defined by the Standard Instrument – Principal Local Environmental Plan, are located within or near the proposal site. A search of the Native Title Tribunal records on 31 March 2016...
identified no native title claims relevant to the proposal site, and no Indigenous Land-Use Agreements registered or notified by the Native Title Tribunal.

The proposal site has been subject to significant disturbance. Within the existing rail corridor, the construction and maintenance of the existing rail line is likely to have resulted in the removal/relocation of archaeological evidence that may have been present. Similarly, there is limited archaeological potential in agricultural land surrounding the existing rail corridor, as this area has been impacted by historical and current agricultural practices. Due to previous disturbance within the existing rail corridor it is considered highly unlikely that intact archaeological deposits would be present and the archaeological potential within the proposal site is considered low.
4.1.2 Non-Aboriginal Heritage Items

The potential non-aboriginal heritage resource of the region generally reflects the documented history of the region and the remaining rail alignment and infrastructure associated with the original Parkes to Narromine line. Except for the rail line and its associated structures, evidence of stations and other infrastructure, the proposal site itself is unlikely to contain significant historical heritage or archaeological remains associated with the history of the study area.

Ongoing works and maintenance activities along the Parkes to Narromine line have removed all evidence of stations, associated platforms and station officer’s houses.

All potential heritage items located both within and adjoining the proposal site are rail related and include:

- Rail line and culverts
- Rail stations and associated rail infrastructure
- Grain rail sidings located adjacent to existing rail corridor
- Buildings and rural structures located adjacent to existing rail corridor
- Towns/villages and former village locations
- Wyanga Cottage.

The Wyanga Cottage comprises a derelict weatherboard cottage with three brick chimneys. The cottage is in a serious state of disrepair and has some internal props supporting the roof. The structure is located immediately adjacent, approximately 15m to the west, of the main rail line and is likely located to the immediate south of the former station location; outside the current rail corridor boundaries.

Although located immediately outside the current boundaries of the rail corridor and not proposed for demolition or disturbance there are potential indirect impacts, caused by vibration, because of the construction and operation of the proposal. The management of vibration near the cottage would be undertaken in accordance with the Inland Rail Construction Noise and Vibration Management Framework. Potential management actions could include careful selection of construction techniques near the cottage and providing safe working distances between heritage items and items of equipment.

4.2 Risk Assessment undertaken in the EIS

An environmental risk assessment was undertaken as part of the EIS for the project. Construction may result in heritage impacts within and around the footprint of the Project. A risk assessment was undertaken in the EIS (GHD 2017).

No specific comments were provided by Aboriginal party representatives during the survey regarding Aboriginal cultural values or significance associated with the proposal area or the sites and areas of sensitivity it contains.
4.3 On-going Risk Assessment

A risk management approach will be used to determine the severity and likelihood of an activity’s impact on the environment and to prioritise its significance. This process considers potential regulatory and legal risks as well as taking into consideration the concerns of community and other key stakeholders.

The objectives of risk assessment are to:

- Identify activities that have the potential to adversely affect the local environment and/or human health
- Qualitatively evaluate and categorise each risk item
- Assess whether risk issues can be managed by environmental protection measures
- Quantitatively evaluate and categorise each risk item
- Assess whether risk issues can be managed by environmental protection measures.

Risk assessments for the Project are based on AS/NZS ISO 31000:2009, the Australian and New Zealand Standard for Risk Assessments. The purpose of risk evaluation is to separate risk to be tolerated from those to be treated, by determining the severity of each risk and developing a prioritised list of risks that require treatment. The severity of each risk is determined from the Project Risk Level Matrix.

A risk register has been developed (Risk and Opportunities Register Attachment D of the CEMP) and includes a list of activities associated with the Project, related aspects and corresponding risks. The risks that have been identified include the following:

- Untrained personnel causing impact to Cultural Heritage.
- Impact to Aboriginal Cultural Heritage areas of significance.
- Discovery of buried Cultural Heritage items and subsequent damage.
- Impact to European Cultural Heritage areas of significance.
- Records are not kept appropriately and impact to legal requirements.
- Damage to heritage structures.
- Breach of legislation Delay to program.

Measures to minimise the identified environmental risks are also provided (Section 3 of the CEMP). On-going risk assessment will be implemented throughout the construction program in accordance with Section 3.2 of the CEMP including through inclusion of identified risks in site environmental plans for management on site. This will ensure new and changed environmental issues are identified and appropriately addressed.

4.4 Impact Identification

4.4.1 Aboriginal Heritage Impacts

Due to the nature of works ground disturbance activities may occur anywhere within the construction area. This means that all sites and areas of archaeological potential may be subject to both surface
and subsurface impacts. It is however noted that the majority of works within the construction area will be undertaken within the previously disturbed rail corridor, except where otherwise identified.

4.4.2 Non-Aboriginal Heritage Impacts

In general, the impact of the project can be considered to comprise the removal of the existing rail line and associated infrastructure (e.g. culverts). Many of the former stations have been previously removed with only occasional earthen embankments or loading banks remaining as evidence of their former locations. The rail line itself has been continually upgraded as required since its construction as a Pioneer Line and no original features (except for some of the timber components of a number of underbridges) have been identified or are expected to be found.

In the event that unexpected archaeological remains or potential heritage items (including a burial site or human skeletal material) the process in Section 5.1.4 will be followed.
5  Management

5.1  Mitigation and Management Measures

The implementation of these measures will be controlled through project inductions for all personnel, specialised training, toolbox talks, inspections and environmental monitoring and auditing. Project inductions will inform personnel of the below measures, while the toolbox talks and specialised training ensure they are reinforced throughout the construction program.

Environmental monitoring and auditing will be used to assess the performance of the mitigation measures against the environmental objectives and relevant guidelines and legislation. Inspections will also be utilised as a measure to ensure the implementation of the measures is undertaken. Any non-conformances towards the mitigation measures identified in the inspections will be noted and the above measures will be reinforced to rectify the issue.

5.1.1  Methodology for Mitigation Works

All personnel and contractors are required to be made aware that it is an offence under Section 86 of the NPW Act to harm or desecrate an Aboriginal object. The general project induction will provide appropriate Aboriginal and non-Aboriginal cultural heritage awareness to ensure that all personnel and contractors are aware of their obligations.

Prior to the commencement of construction, surface collection works will be conducted at sites 35-3-0206 and 35-3-0208 where it is identified that the proposal will result in surface impacts within the identified site area. If impacts to the sites cannot be avoided, ARTC must provide for an appropriately qualified archaeological heritage consultant and registered Aboriginal stakeholder to record and collect any artefacts at the sites which will be affected by the construction of the project, prior to the commencement of any works that will impact on the sites as follows:

- The distribution of surface archaeological material will be assessed and where appropriate, archaeological material will be grouped into loci for the purposes of recording and analysis.
- All surface archaeological material and/or clusters of surface archaeological material will be flagged and photographed.
- Artefacts will be collected and placed in labelled bags with reference to site and locus (where appropriate).
- Artefacts will be retained for recording and analysis.
- During the analysis of any Aboriginal artefacts, it is proposed that the salvaged materials will be temporarily stored at the offices of the archaeological consultant undertaking the works.

5.1.2  Salvage and Safe Keeping

The long-term management of any salvaged Aboriginal artefacts will be subject to consultation with the registered Aboriginal parties, with ongoing consultation occurring throughout construction.

Aboriginal Archaeology Services expressed a preference for salvaged artefacts to be placed on display in a local library or local government building however both RAP’s and Aboriginal Archaeology Services will be consulted with prior to the location being determined. Where Aboriginal objects are to be
moved off-site, for example for curation in a designated keeping place and / or Local Aboriginal Land Council Office, an application for a Care Agreement (Application for the transfer of Aboriginal objects for safekeeping) with the OEH is required.

If the preference for the RAP’s is to relocate the objects onto lands close to where the objects were found, an Aboriginal impact site card must be completed and submitted to the OEH Aboriginal Heritage Information management System (AHIMS). Refer to Attachment A for the Salvage Procedure.

5.1.3 Archival Recording

Heritage Photographic Archival Recordings will be undertaken for potential heritage items within the construction area in accordance with ARTC’s Archival Recording Standard. This will be completed for the following items:

- Items associated with existing rail line for demolition and retention, including:
  - Culverts
  - Underbridges with timber components
  - Former rail station sites
- Wyanga Cottage
- Grain rail sidings and silos.

The photographic recording will include contextual photographs, showing the relationship between the rail line and the above mentioned items.

5.1.4 Unexpected Finds

In the event that unexpected archaeological remains relics, or potential heritage items are discovered during construction, all works in the immediate area will cease, and the remains and potential items will be assessed by a qualified archaeologist or heritage consultant. If necessary, the Heritage Division of OEH will be notified in accordance with the requirements of section 146 of The Heritage Act 1977.

Should human remains be discovered OEH and the NSW Police will be contacted. Wherever possible, a suitably qualified OEH officer will be on-site supporting NSW Police inquiries on the discovery of possible human remains. If the remains are part of an ancestral burial site OEH will provide advice to the proponent on the appropriate next steps for Aboriginal consultation and site management.

An unexpected finds procedure has been prepared and is outlined in Attachment C. This will be followed throughout construction.

5.1.5 Identified Heritage Items

The following existing heritage items have been identified within the construction area:

- AHIMS site:
  - 35-3-0207 (scarred tree), 35-3-0206, 35-3-0208, 43-3-0111 (shown in Attachment B)
- 35-6-0062, 35-6-0063, 35-5-0065 that were potentially salvaged prior to the construction of the APA Group gas pipeline, which runs parallel to the rail corridor for approximately 53km (adjacent to and within the corridor and crossing below the railway at locations). ARTC is attempting to source the AHIPS associated with these sites to develop a better understanding of how they were potentially managed and subsequently avoid future impacts if they were not.

- Wyanga Cottage: The management of potential vibration impacts will be undertaken in accordance with the Inland Rail NSW Construction Noise and Vibration Management Framework. There must be a minimum distance maintained, as outlined in the Noise and Vibration Management Plan, between the construction works and the cottage.

- 10 former rail stations
- Items from the existing rail line
  - Culverts
  - Underbridges with timber components
  - Former rail station sites
- Grain rail sidings and silos

Measures will be implemented to avoid impacts to these sites including demarcation, identification and training. Where practical, the sites will be fenced off prior to construction with a buffer of at least 10 metres were feasible, and their location marked on site environmental plans. Dilapidation surveys will be undertaken both prior to and following nearby works that may impact on the structural integrity of any of these structures.

If impacts to the sites cannot be avoided an appropriately qualified archaeological heritage consultant and registered Aboriginal stakeholder will be present, as required. Artefacts uncovered will be collected, recorded and lodged in a safe keeping place as identified in Section 5.1.2.

No Aboriginal sites or places listed under the EPBC Act were identified in the study area, and therefore there are no requirements under the EPBC Act relevant to the assessment.

The locations of heritage items relevant to the project are shown in Attachment B and The Environmental Constraints Map in the CEMP Attachment A.

5.1.6 Additional Measures

Additional mitigation and management measures to be implemented during the construction phase of the Project.

Table 5-1 – Mitigation and Management Measures

<table>
<thead>
<tr>
<th>Ref ID</th>
<th>Mitigation measures</th>
<th>Responsibility</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1</td>
<td>Works will be limited to be approved construction area, unless otherwise appropriately assessed and approved.</td>
<td>Environmental Manager</td>
<td>RMM D8.2</td>
</tr>
<tr>
<td>Ref ID</td>
<td>Mitigation measures</td>
<td>Responsibility</td>
<td>Source</td>
</tr>
<tr>
<td>-------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-------------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>H2</td>
<td>Works will not destroy, modify or otherwise physically affect any heritage items, including human remains, outside of the CSSI construction boundary through demarcation, identification and training.</td>
<td>Environmental Manager</td>
<td>CoA C9 &amp; E57</td>
</tr>
<tr>
<td>H3</td>
<td>Human remains that are found unexpectedly during works will be managed according to Section 5.1.4 and Attachment C.</td>
<td>Environmental Manager</td>
<td>CoA C9 &amp; E57</td>
</tr>
<tr>
<td>H4</td>
<td>Any heritage items not impacted by the works will be retained and protected throughout construction by demarcation, identification and training.</td>
<td>Environmental Manager</td>
<td>Good Practice</td>
</tr>
<tr>
<td>H5</td>
<td>Identified Aboriginal objects will be avoided and protective measures implemented to ensure no disturbance of such objects including; delineating and marking areas as no-go zones for earthworks, excavations and stockpile sites</td>
<td>Environmental Manager</td>
<td>EIS MM D8</td>
</tr>
<tr>
<td>H6</td>
<td>Procedures for salvaging and safe keeping of any Aboriginal objects uncovered during construction will be implemented to ensure the security of their long-term management as described in Section 5.1.2 and Attachment A.</td>
<td>Environmental Manager</td>
<td>CoA C9</td>
</tr>
<tr>
<td>H7</td>
<td>If potential Aboriginal or non-Aboriginal archaeological remains, relics, items or human remains are uncovered, works within the immediate area of the item will cease, and the unexpected finds procedure will be implemented.</td>
<td>Environmental Manager</td>
<td>RMM C8.1</td>
</tr>
<tr>
<td>H8</td>
<td>During project inductions and pre-work briefings, employees will be made aware of the unexpected finds procedures, and obligations under the National Parks and Wildlife Act 1974.</td>
<td>Environmental Manager</td>
<td>RMM C8.1</td>
</tr>
<tr>
<td>H9</td>
<td>Human remains will not be harmed, modified or otherwise impacted during construction of the CSSI.</td>
<td>Environmental Manager</td>
<td>CoA E58</td>
</tr>
<tr>
<td>H10</td>
<td>A safe keeping place for any artefacts recovered during construction will be identified in consultation with the RAPs as outlined in Section 5.1.2.</td>
<td>Environmental Manager</td>
<td>Good Practice</td>
</tr>
<tr>
<td>H11</td>
<td>Consultation will be ongoing with RAPs during construction.</td>
<td>Environmental Manager</td>
<td>Good Practice</td>
</tr>
<tr>
<td>H12</td>
<td>Any works outside the proposed site will need to be subject to further review of Aboriginal significance.</td>
<td>Environmental Manager</td>
<td>Good Practice</td>
</tr>
</tbody>
</table>

### 5.2 Roles and Responsibilities

All site personnel shall ensure that environmental nuisance or harm is minimised by adherence to all the CEMP and Sub-plans and other Project documentation. Site personnel are also responsible for ensuring they do not act in contravention of any CoA or EPL conditions.
Site Supervisors are responsible for implementation and maintenance of heritage mitigation measures for all activities and work areas.

The Environmental Manager is responsible for routine surveillance and monitoring, communication of requirements of this Sub-plan, coordination of visual monitoring, and all other responsibilities related to heritage management identified within this Sub-plan and overall CEMP. Importantly the Environmental Manager is responsible for the immediate notification of State and/or Commonwealth Regulatory Authorities of impacts that have mandatory reporting requirements i.e. impacts on Matters of National Environmental Significance (MNES) under the EPBC Act.

The Project Manager is responsible for overseeing implementation of this Sub-plan and the CEMP.

5.3 Environmental Incidents, Non-Compliance and Complaints

In the event of a complaint, non-compliance or incident, an investigation will be undertaken to determine the cause of the problem lead by the Environmental Manager. Any identified impacts on heritage, the identified source and corrective actions are to be documented and managed in accordance with Section 6.1 of the CEMP and recorded in the Corrective and Improvement Action Database. Complaints will be handled in accordance with Section 6.3 of the CEMP.

In the event of any non-compliance (an occurrence, set of circumstances or development that is a breach of the approval conditions [CoA or EPL] but is not an incident), the non-compliance will be managed by the Environmental Manager and if required corrective action/s shall be raised. All corrective actions and improvements shall be entered into the Corrective or Improvement Actions Database and will be closed out as soon as practical (to be reviewed during the use of the Weekly Environmental Checklist).

Environmental incidents and non-compliances will be managed in accordance with Section 6 of the CEMP.

5.4 Inspections and Auditing

General inspections and auditing will be undertaken in accordance with Section 7 of the CEMP.

The Environmental Team will undertake environmental inspections, audits and reporting to develop and evaluate the effectiveness of environmental controls. This will include:

- Daily visual inspections
- Weekly inspections using the Weekly Checklist
- Monthly reporting to the Client on this aspect will be recorded through Project Monthly Reports
- Annual independent audits
- ER regular monitoring of the implementation of the documents listed in the CoA.
5.5 Record Keeping

General requirements for record keeping are addressed in Section 8.3 of the CEMP. Additional requirements for heritage include record keeping of the following:

- Any required competencies, training, qualifications or experience required to undertake works
- Archival recordings of any heritage item
- Unexpected finds and stop work orders
- Any impacts avoided or minimised through construction methods
- Any mitigation measures or controls implemented and their outcomes.

These records will be kept by the Project for a minimum of five years and made available to ARTC as requested for inspection.

5.6 Communication

Stakeholder group, community and government agency consultation on in relation to this Sub-plan should be undertaken in accordance with consultation requirements outlined in Section 8 of the CEMP.

5.7 Training and Awareness

All employees and contractors working on site will undergo site induction training relating to heritage. The General Site Induction will address elements including:

- The location of heritage items
- The unexpected finds protocol
- The cultural importance of any Aboriginal and Historic sites
- The appropriate method of working around heritage items and/ or places
- Care, control and management of Aboriginal and Historic Areas
- Employees obligations under the legislation (e.g. National Parks and Wildlife Act 1974).

Training will also include Toolbox Talks and Prestart Meetings in which the topics of the site induction will be revisited.

5.8 Emergency Planning and Response

Where any unauthorised impact on Aboriginal or non-Aboriginal heritage items and/or places within the project corridor are identified, construction activities resulting in impacts will be ceased immediately and appropriate mitigation measures identified and implemented.

All such impacts, the identified source and corrective actions are to be documented and managed in accordance with this HMP and the CEMP and recorded in the Corrective and Improvement Action Database. If applicable State and or Commonwealth Regulatory Authorities are to be notified of impacts.

The results of any heritage surveys and unexpected finds throughout construction will be documented and kept on record.
### 5.9 Document Review

This HMP will be reviewed utilising the Corrective and Improvement Action database simultaneously to reviews of the overarching CEMP and any amendments cited and cross checked against each plan.

For the duration of the works until the completion of construction, the approved ER must:

Review documents CEMP, Sub-plans and Construction Monitoring Program and any other documents that are identified by the Secretary, to ensure they are consistent with requirements in or under this approval and if so:

- Make a written statement to this effect before submission of such documents to the Secretary (if those documents are required to be approved by the Secretary)
- Make a written statement to this effect before the implementation of such documents (if those documents are required to be submitted to the Secretary / Department for information or are not required to be submitted to the Secretary / Department.)
Attachment A
Salvage Procedure
Salvage

Items requiring salvage, as outlined in the EIS, will be identified by the Environmental Manager and project heritage consultant. Any required salvage will be completed in accordance with an Environmental Work Method Statement. Salvaged Aboriginal artefacts final location will be determined by ARTC and the registered Aboriginal parties.

Surface Collection

Surface collection will be undertaken within the proposal areas where possible. The surface collection methodology is as follows:

- The distribution of surface archaeological material will be assessed and where appropriate, archaeological material will be grouped into loci for the purposes of recording and analysis.
- All surface archaeological material and/or clusters of surface archaeological material will be flagged and photographed.
- The location of each loci or isolated area of surface archaeological material will be recorded and mapped using a hand-held 12 channel GPS.
- Artefacts will be collected and placed in labelled bags with reference to site and locus (where appropriate).
- Artefacts will be retained for recording and analysis.

Excavation Works

Archaeological excavation works are recommended where the proposal will result in subsurface impacts within the areas of archaeological potential. The purpose of the excavation works is to obtain a representative artefact assemblage from which it is intended further information can be obtained about Aboriginal use of the area. As such it is proposed that the excavation works will not involve excavation of the entirety of the proposal area within the sensitive areas but will be designed to obtain a representative sample.

Post Salvage Analysis and Reporting

Should the recovered archaeological assemblage contain enough archaeological material to allow for a statistically viable analysis, the salvaged artefact assemblage will be subject to detailed analysis. This will involve the recording of artefact class and raw material for all artefacts. Additional attributes to be recorded are listed in with reference to different artefact classes.
Table B1 Potential artefacts for recording

<table>
<thead>
<tr>
<th>Artefact class</th>
<th>Attributes to be recorded</th>
</tr>
</thead>
</table>
| Complete flakes                       | Length  
Width  
Thickness  
% Cortex  
Cortex Type  
Heat Treated (yes/no)  
Visible Use-Wear (yes/no)  
Visible Residue (yes/no)  
Comments – description, does it conjoin with another artefact, if used which margin was used, if it has residues on the flake etc. |
| Retouched flakes                      | Retouched/broken retouched flake class  
Retouch type  
Visible Use-Wear (yes/no)  
Visible Residue (yes/no)  
Comments |
| Cores                                 | Length  
Width  
Thickness  
% Cortex  
Cortex Type  
Heat Treated (yes/no)  
Rotation (count)  
Level of exhaustion  
Visible Use-Wear (yes/no)  
Visible Residue (yes/no)  
Comments |
| Other tool types (e.g. grindstone, axes, hammerstones etc.) | Length  
Width  
Thickness  
% Cortex  
Cortex Type  
Heat Treated (yes/no)  
Visible Use-Wear (yes/no)  
Visible Residue (yes/no)  
Comments |
Following the completion of all salvage activities and subsequent artefact analysis, a report will be compiled that presents the findings of the activities. The report will document the outcome of all salvage activities undertaken in relation to the proposal and will be prepared with reference to OEH guidelines and requirements. It will include:

- A description of the results of the activities including general environmental information, landscape information, soil descriptions and excavation profiles (where applicable).
- The results of detailed recording and analysis of salvaged archaeological material.
- The use of recovered data to undertake a comparative analysis with the outcomes of other salvage activities within the local area to identify whether the current assemblage exhibits any significant differences from other salvaged assemblages and whether it can provide any further information on how Aboriginal people used / occupied the area.

In accordance with the requirements of the NPW Act, Aboriginal Site Impact Recording forms will be submitted to OEH for all sites subject to impact.

**Management of Salvaged Artefacts**

During the analysis of any Aboriginal artefacts, it is proposed that the salvaged materials will be temporarily stored at the offices of the archaeological consultant undertaking the works.

The long-term management of any salvaged artefacts will be subject to consultation with the registered Aboriginal parties.

Where Aboriginal objects are to be moved off-site, for example for curation in a designated keeping place and / or Local Aboriginal Land Council Office, an application for a Care Agreement with the OEH is required. If the preference of the RAP’s is to relocate the objects onto lands close to where the objects were found, an Aboriginal impact site card must be completed and submitted to the OEH Aboriginal Heritage Information management System (AHIMS).
Demolition or clearance to be undertaken within or near identified heritage area as identified in Sensitive Area Plans

HOLD POINT STOP WORK
Notify EA and submit Land Disturbance Permit application [SS]

Is archival record required for the item / area?

All archival recording completed for the item / area?

Is the item of local or state heritage significance?

Local Heritage
Recording to be undertaken by BMD or experienced heritage consultant in accordance with NSW Heritage Council guidelines [EA]

State Heritage
Recording to be undertaken by experienced heritage consultant in accordance with NSW Heritage Council guidelines [EA & Consultant]

All cultural heritage items and places to be preserved will be fenced/flagged and sign posted as No-go zones and shown on relevant site plans and communicated to relevant workforce [SS]

Land Disturbance Permit issued / Release of Hold Point [EA or EM]

Undertake works in accordance with Permit [SS]

Unexpected potential heritage items encountered or damaged during works?
Refer to Unexpected Heritage Finds procedure [SS]

Need to enter No-Go Zone?

HOLD POINT
Notify EA and obtain Permit to Enter Protected or 'No-Go' Areas (MSID-4-199). [SS]
ARTC in InlandRail

The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation, in partnership with the private sector.

LEGEND

- Chainage
- Scar tree
- High Aboriginal archaeological significant area
- Aboriginal archaeological survey unit
- Construction Impact Zone (IFC)

PARKES TO NARROMINE
Aboriginal archaeological survey unit locations

Coordinate System: GCS GDA 1994

ARTC makes no representation or warranty as to the accuracy or reliability of any part of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or reliability of that material.

ARTC will not be responsible for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained within this GIS map.

Paper: A3
Scale: 1:5,000
Date: 13/12/2018
Author: WSP

© Department of Finance, Services & Innovation 2018
Aboriginal archaeological survey unit locations

**LEGEND**
- Scar tree
- High Aboriginal archaeological significant area
- Aboriginal archaeological survey unit
- Construction Impact Zone (IFC)

**Survey Unit 9**
ARIMS No: N/A
Adjacent to Tweni Road

**TAWENI ROAD**
**RAILWAY PARADE**

Map 5 of 6
Survey Unit 22
AHIMS No: 35-3-0208 AND 35-3-0207
Backwater Cowal

Survey Unit 23
AHIMS No: 35-3-0206
Backwater Cowal

Survey Unit 24
AHIMS No: 35-3-0206
Including area of compound south of road

LEGEND

- Scar tree
- High Aboriginal archaeological significant area
- Aboriginal archaeological survey unit
- Construction Impact Zone (IFC)

PARKES TO NARROMINE
Aboriginal archaeological survey unit locations

Coordinate System: GCS GDA 1994

ARTC makes no representation or warranty and assumes no liability for any loss or damage suffered as a result of any person whatsoever placing reliance upon the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

© Department of Finance, Services & Innovation 2018

DATA SOURCES:
Coordinate System: GCS GDA 1994

PARKES TO NARROMINE
Map 6 of 6
Data Sources:

Coordinate System: GCS GDA 1994

ARTC makes no representation or warranty as to the completeness, accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

ARTC will not be responsible for any loss or damage suffered as a result of the information contained in this GIS map.

Paper: A3
Date: 13/12/2018
Author: WSP

LEGEND

- Timber components of underbridge heritage item
- Railway station heritage item
- Culvert locations
- Construction Impact Zone (IFC)

PARKES TO NARROMINE
Non-indigenous cultural site locations

Map 2 of 12

© Department of Finance, Services & Innovation 2018

The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation, in partnership with the private sector.
LEGEND

- Red: Timber components of underbridge heritage item
- Orange: Railway station heritage item
- Blue: Culvert locations
- Yellow: Construction Impact Zone (IFC)

Non-indigenous cultural site locations

Map 8 of 12

© ARTC

The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation, in partnership with the private sector.
The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation, in partnership with the private sector.
Coordinate System: GCS GDA 1994

ARTC makes no representation or warranty as to the accuracy or suitability of the information contained in this GIS map. The GIS map has been prepared from material provided to ARTC by an external source and ARTC has not taken any steps to verify the completeness, accuracy or suitability of that material.

ARTC will not be responsible for any loss or damage suffered the information provided or use of this GIS map. ARTC assumes no responsibility for any use made of the information contained in this GIS map.

Scale: 1:25,000

LEGEND

- Timber components of underbridge heritage item
- Railway station heritage item
- Culvert locations
- Construction Impact Zone (IFC)

Non-indigenous cultural site locations

Paper: A3
Date: 13/12/2018
Author: WSP

The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation, in partnership with the private sector.
Purpose

The purpose of the following Unexpected Heritage Finds and Human Remains Procedure is to outline the roles and responsibilities of contractor personnel when dealing with an unexpected uncover of archaeological (Aboriginal or Non-Aboriginal) remains, relics, potential heritage items during construction, or human remains. It also outlines key legislative requirements and a broad procedure to be followed in such instances.

Training

All personnel to receive heritage training and inductions as required by CEMP.

Roles and Responsibilities

The roles and responsibilities of contractor personnel are outlined in the flow chart below.

Suitably Qualified and Experienced Heritage Specialist

A suitably quality and experienced heritage specialist has undertaken the preparation of this Procedure that being SNC-Lavalin. SNC-Lavalin staff have produced these types of procedures and have had them accepted and implemented for many projects including Moorebank Intermodal, WestConnex M4 East, WestConnex New M5, and North West Rail Link.

SNC-Lavalin staff have also implemented similar such procedures during construction due to exposure to a significant number of other major infrastructure projects in NSW.

Procedure

The steps in the flow chart must be followed in the event of the discovery of a potential heritage (Aboriginal or Non-Aboriginal) item during construction. No work is to recommence until the Environmental Manager has issued a written confirmation. A potential heritage item is classified as any item that is not expected to be in the construction site and was not identified on previous surveys.

Management Strategy

In the event that historical archaeological relics of State or local significance are identified, a strategy comprising either an archaeological work method statement or archaeological research design must be prepared by a qualified archaeologist. This strategy must outline a methodology for the investigation, salvage and / or conservation of archaeological resources and must be prepared in alignment with the HMP (including its environmental safeguards), where applicable.
Legend

Responsibilities
PD – Project Manager
SS – Site Supervisor
EM – Environmental Manager

Documents
CEMP – Construction Environmental Management Plan
HMP – Heritage Management Plan

Potential heritage items encountered or damaged
(Indigenous or Non-Indigenous)

Hold Point: Stop Work
[SS]

Notify EM immediately
[SS]

Protect item
Establish no-go zone area
Ensure all staff are aware and comply with no-go zone
[SS]

Notify ARTC
Report as reportable event in accordance with Contractors incident classification. Notify ER.
[P/D/EM]

Is the item likely to be a human bone?
Y

Notify Secretary, NSW Police, NSW Coroner, Aboriginal Stakeholders and/or OEH
Seek authorisation from Police/OEH to recommence works [PD/EM]

Conduct preliminary assessment and recording of item
A qualified archaeologist must undertake the assessment. An Aboriginal Site Officer to be engaged where determined by the archaeologist [EM]

Is the item determined to be heritage?
Y

Develop and implement archaeological / heritage management strategy
Strategy to be undertaken in accordance with the HMP, where applicable
Perform consistency assessment of impacts against existing heritage approvals
Formally notify appropriate regulator(s) if required
Register the new site in AHIMS if required
Review and update CEMP and HMP with any new requirements
Salvage, if required, in accordance with the National Parks and Wildlife Act 1974, the principles of the Australia ICOMOS ‘Burra’ Charter for the conservation of culturally significant places (Australia ICOMOS 1999), and/or other relevant guidelines
[EM]

Obtain recommendation to resume work
Works are not to recommence until written consent is given by the EM, OEH and DP&E, where required.

N
Attachment D
Archival Recording Requirements
Archival Recording

Any required recording is to be undertaken in accordance with the guidelines, *Photographic Recording of Heritage Items Using Film or Digital Capture* (NSW Heritage Office, 2006) and ARTC’s Archival Recording Standard (3-0000-240-ECH-00-RP-0001). Recordings are prepared to record the environment, aesthetic, technical skills and customs associated with the creation and use of heritage items. Minimum requirements for recording, as identified by the guidelines, are summarised in Table E1. Requirements for recording of items involving historical archaeological evidence, industrial archaeological evidence, significant underwater archaeological evidence, evidence of significant social customs and significant cultural landscapes are also considered in this guideline.

The following potential heritage items will be recorded during construction:

- The existing rail line including culverts and underbridges
- Former rail stations – there are 10 recorded along the alignment
- Other rail related structures and infrastructure at Tomingley West and Wyanga including:
  - Grain rail sidings and silos
  - Old Cottages

**Table E1 - Minimum Requirements for Archival Recording**

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Commissioned by Local Council</th>
<th>Commissioned by NSW Heritage Council / State Government</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recording undertaken by</td>
<td>INLink staff or experienced heritage consultant</td>
<td>Experienced heritage consultant</td>
</tr>
<tr>
<td>Hardcopy report</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Title Page</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Introduction: why record made, brief history and method</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Technical details, correctly numbered and described (catalogue)</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Photographic maps/ plans, showing order in which photos were taken, the location of the camera and direction of each photograph</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Thumbnail image proof sheets</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Digital storage media</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Printed selection of representative images</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Lodgement with appropriate archives</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Requirements</td>
<td>Commissioned by Local Council</td>
<td>Commissioned by NSW Heritage Council / State Government</td>
</tr>
</tbody>
</table>


Attachment E
Evidence of Consultation
<table>
<thead>
<tr>
<th>Management Plan</th>
<th>Date</th>
<th>Comment</th>
<th>Stakeholder</th>
<th>Date</th>
<th>Response</th>
<th>Where addressed in Document</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heritage Management Plan</td>
<td>10/10/2018</td>
<td>Would like to see any artefacts collected displayed for all to see in the local library or local government building or reburied in close proximity of the area (outside the new development).</td>
<td>RAP: Aboriginal Archaeology Service (ASS)</td>
<td>12/12/2018</td>
<td>The discussion of the collection, display and burial of artefacts has been added into the plan.</td>
<td>Section 5.1.2</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>10/10/2018</td>
<td>The scarred tree needs to be protected with adequate barricades and signage to prevent any damage during construction.</td>
<td>RAP: Aboriginal Archaeology Service (ASS)</td>
<td>12/12/2018</td>
<td>Protection measures for the scarred tree have been included into the plan.</td>
<td>Section 5.1.5</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>10/10/2018</td>
<td>Any works outside the proposed site will need to be subject to further review of Aboriginal significance.</td>
<td>RAP: Aboriginal Archaeology Service (ASS)</td>
<td>12/12/2018</td>
<td>No significant works are expected to be undertaken outside the approved construction area. Any works undertaken outside the existing approved area will be subject to additional heritage assessment.</td>
<td>Section 5.1.6 MM 12</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>10/10/2018</td>
<td>AAS request involvement in all consultation meetings and fieldwork.</td>
<td>RAP: Aboriginal Archaeology Service (ASS)</td>
<td>12/12/2018</td>
<td>RAPs will be consulted and engaged as required.</td>
<td>Section 5.1.6 MM 11</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>22/10/2018</td>
<td>Satisfied that the HMP meets requirements for satisfactory assessment for Aboriginal cultural heritage and Archaeological Assessment.</td>
<td>RAP: Dhianwan-Dhigaraa Cultural Heritage</td>
<td>12/12/2018</td>
<td>Noted.</td>
<td>N/A</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>5/11/2018</td>
<td>Where Aboriginal objects are to be moved off-site, for example for curation in a designated keeping place and/or Local Aboriginal Land Council Office, an application for a Care Agreement with OEH is required. If the preference of the Registered Aboriginal Parties (RAPs) is to relocate the objects onto lands close to where the objects were found, an Aboriginal impact site card must be completed and submitted to the OEH Aboriginal Heritage Information Management System (AHIMS).</td>
<td>OEH</td>
<td>12/12/2018</td>
<td>An additional section has been included that details the requirements for salvage and safe keeping of heritage items.</td>
<td>Section 5.1.2</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>5/11/2018</td>
<td>The request to have Aboriginal objects curated in a local library or government building is inconsistent with the preferred choice by the RAPs in western NSW. May need to further discuss with the RAPs the appropriateness of any off-site artefact storage.</td>
<td>OEH</td>
<td>12/12/2018</td>
<td>An additional section has been included that details the requirements for salvage and safe keeping of heritage items.</td>
<td>Section 5.1.2</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>5/11/2018</td>
<td>The cited NPWS Standard and Guidelines Kit 1997 was disbanded and is no longer applicable. In its place, OEH refer proponents to the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW (2010) and to the Code of practice for archaeological investigation of Aboriginal objects in NSW (2010). These two documents cover all matters regarding assessing and managing Aboriginal heritage.</td>
<td>OEH</td>
<td>12/12/2018</td>
<td>The correct guide has been incorporated into the plan, with the disbanded guide removed.</td>
<td>Section 3.2</td>
</tr>
<tr>
<td>Heritage Management Plan</td>
<td>5/11/2018</td>
<td>Should human remains be discovered OEH and the NSW Police should be contacted. It is standard practice that wherever possible, a suitably qualified OEH officer is on-site supporting NSW Police inquiries on the discovery of possible human remains. If the remains are part of an ancestral burial site OEH will provide advice to the proponent on the appropriate next steps for Aboriginal consultation and site management. Table 5-1 should be amended to reflect the consultation requirements.</td>
<td>OEH</td>
<td>12/12/2018</td>
<td>An addition section has been included to provide the details and procedure on Unexpected Finds within the plan.</td>
<td>Section 5.1.4</td>
</tr>
<tr>
<td>Name</td>
<td>Address</td>
<td>Email Address</td>
<td>Letter Reference</td>
<td>Date Letter Sent</td>
<td>Date Received</td>
<td>Comments</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------------</td>
<td>--------------------------------</td>
<td>------------------</td>
<td>------------------</td>
<td>--------------</td>
<td>----------</td>
</tr>
<tr>
<td>Peak Hill AEC (DID Charlie Jones)</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0006</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>First Nelson Cultural Tour (Peter Pedestrian)</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0008</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Gampus Consulting Australian Tours</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0010</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Gulus Site Consultants (Paul Clarke)</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0012</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>National Room Site Management (Ali Maher)</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0014</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Irish/Mediterranean Cultural and Heritage (Jenny Matrix)</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0016</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Janice Cuthbert</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0017</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Stuart Cotton</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0018</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Letter Cuthbert</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0020</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Neville Williams</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0022</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Wayne Williams</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0024</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Mary Williams</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0026</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Paul Bryson</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0028</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Aboriginal Cultural Corporation (GCS - profile Blue)</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0030</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
<tr>
<td>Aboriginal Archaeology Service (Shelby)</td>
<td>[Masked]</td>
<td>[Masked]</td>
<td>6000-240-349-99-0032</td>
<td>08/10/2018</td>
<td>09/11/2018</td>
<td></td>
</tr>
</tbody>
</table>

Note: [Masked] indicates sensitive information has been omitted for privacy.