



King Georges Rd Interchange Upgrade

Pre-Construction Compliance Tracking Report

August 2015



DOCUMENT CONTROL

File name	Pre-construction Compliance Report
Report name	Pre-construction Compliance Report
Revision number	D

Plan approved by:

Name

Name



REVISION HISTORY

Revision	Date	Description	Approval
0			
D	10/08/2015	Revised as per additional comment from DP&E	
C	5/08/2015	Revised as per additional comments from DP&E	
B	27/07/15	Revised as per DP&E's comments	
A	20/07/15	For submission to DP&E	

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APPENDICES

Appendix A Infrastructure Approval Compliance Tracking Table

GLOSSARY / ABBREVIATIONS

Ancillary facility	Temporary facility for construction , including for example an office and amenities compound, construction compound , batch plant (concrete or bitumen), materials storage compound, maintenance workshop, testing laboratory or material stockpile area
CCS	Community Communication Strategy
CEMP	Construction Environmental Management Plan
CAQMP	Construction Air Quality Management Plan
CFFMP	Construction Flora and Fauna Management Plan
CHMP	Construction Heritage Management Plan
CNVMP	Construction Noise and Vibration Management Plan
CSWQMP	Construction Soil and Water Quality Management Plan
CTAMP	Construction Traffic and Access Management Plan
CWEMP	Construction Waste Management Plan
CoA	Conditions of approval (CoA)
CTP	Compliance Tracking Program
DP&E	Department of Planning and Environment
DP&I	Department of Planning and Infrastructure
EIS	Environmental Impact Statement
EPA	NSW Environment Protection Authority
EMS	Environmental Management System
Environmental incident	An unexpected event that has, or has the potential to, cause harm to the environment and requires some action to minimise the impact or restore the environment.
Environmental Representative (ER)	A suitably qualified and experienced person independent of project design and construction personnel employed for the duration of construction. The principal point of advice in relation to all questions and complaints concerning environmental performance.
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
Minister, the	Minister for Planning and Environment (formerly Minister for Planning and Infrastructure)
Non-compliance	Failure to comply with the requirements of the Infrastructure Approval or any applicable license, permit or legal requirements.
Non-conformance	Failure to conform to the requirements of Project system documentation including this CEMP or supporting documentation.
NOW	NSW Office of Water
OEH	Office of Environment and Heritage
Project, the	King Georges Road Interchange Upgrade
Infrastructure Approval, the	The written approval from the Minister for Planning and Infrastructure for the Project
Secretary	Secretary of the Department of Planning and Environment
SSI	State Significant Infrastructure
WDA	WestConnex Delivery Authority

1 Introduction

1.1 Background

The NSW Government's Long Term Transport Master Plan sets out a number of projects to meet Sydney's transport challenge. The plan identified WestConnex as one of the highest priorities to meet the future transport needs of Sydney.

The NSW Government will deliver WestConnex in a series of project stages between now and 2023. One of the proposed stages is M5 King Georges Road Interchange Upgrade project (the Project). It involves work to the M5 Motorway carriageways and includes improvements to all on-ramps and off-ramps at the interchange of the M5 with King Georges Road. It also includes modifications to existing roads and associated infrastructure including cycleways, noise walls and drainage facilities.

Some upgrading of the existing M5 dual carriageways would be required to retain two through lanes in each direction and accommodate the future construction of the WestConnex M5 project. It also complements the recent upgrading and expansion of the M5 West between Camden Valley Way and King Georges Road.

The M5 King Georges Road Interchange Upgrade environmental impact statement (EIS) was prepared by Jacobs Group (Australia) on behalf of WDA in October 2014. Approval of the Project was granted by the Minister in March 2015 and construction is scheduled to commence in July 2015.

1.2 Purpose of this report

This report has been prepared to address the requirements of Condition A12 (c) (i) of the M5 King Georges Road Interchange Upgrade Instrument of Approval which specifies the requirements for a Compliance Tracking Program and associated Pre-construction Compliance Report. The report advises of the status of compliance with pre-construction CoA as well as the mitigation and management measures documented in the EIS and Submissions Report, and provides relevant information in relation to construction and operational phases of the Project (refer **Appendix A**).

2 Pre-construction Activities

2.1 Nomination and approval of Environmental Representative

In accordance with CoA D1, Toby Hobbs from Vantage Environmental Management was approved by the Secretary as the Environmental Representative for the Project 28 May 2015.

2.2 Pre-construction activities

The following pre-construction activities were undertaken during the reporting period:

- Survey works
- Investigative potholing
- Minor adjustments to utilities included sewer connection works for Kerang Street North ancillary facility.
- Closure of shared pedestrian and cycle path north side of M5 KGRIU to the underpass near Tallawalla Street (south side) and Rosebank Avenue (north side).
- Minor width adjustments (0.5 m) to the pedestrian and cycle path on Allambie Cres from Coolangatta Rd bridge (south side of M5) to end of cul-de-sac
- Establishment of the ancillary facilities which were assessed against CoA D27 criteria in the EIS and approved under Project's Instrument of Approval
- Pre-clearing ecological survey
- Minor clearing for the establishment of the main site compound at King Georges Road South was undertaken on 12 June 2015 and involved removal of twelve (12) trees and a small number of shrubs. Two small trees were also removed prior to sewer connection works for the Kerang Street North ancillary facility.
- Installation of concrete barriers to delineate construction zones
- Installation of environmental mitigation measures, i.e. erosion and sediment controls and temporary exclusion fencing and signage for sensitive areas, and

Dilapidation survey of M5 East section of the project was undertaken on 15 June 2015 during scheduled maintenance shutdown. The local roads were surveyed on 7 June 2015 and included the following roads:

- Allambee Crescent (South)
- Eloura Street (South)
- Coolangatta Road
- Pallamana Parade
- Yarallah Place
- Kirrang Street (South)
- Tallawalla Street
- Eumina Street
- Kooemba Road
- Ponyara Road
- Allambee Cres (North)
- Booragul Street
- Alkoomie Street
- Moorefields Road
- Elouera Street (North)
- Kirrang Street (North)
- Welfare Ave (North)
- Welfare Ave (South)
- Midlothian Ave
- Rosetta Lane
- Warne Cres
- Peshurst Road
- Shorter Ave
- Grove Ave
- Karne Street
- Windarra Street
- Broadarrow Road
- Hannans Road

2.3 Environmental complaints

Community notifications for pre-construction activities described in Section 2.2 have been carried out by letterbox drops to residents potentially affected by the works. No environmental complaints in relation to pre-construction activities were received to date.

2.4 Incidents

There were no environmental incidents recorded during the reporting period.

2.5 Environmental Monitoring

No environmental monitoring was undertaken during the reporting period.

2.6 Audits and inspections

Three environmental inspections by WDA and ER took place during the pre-construction period. No issues were raised during these inspections.

Appendix A

Infrastructure Approval Compliance Tracking Table

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
PART A. COMPLIANCE WITH COA							
OBLIGATIONS TO MINIMISE HARM TO THE ENVIRONMENT							
A1	In addition to meeting the specific performance criteria established under this approval, the Proponent shall implement all feasible and reasonable measures to prevent and/or minimise any harm to the environment that may result from the construction or operation of the SSI.	WDA/FH	All stages	n/a	No	n/a	Both specific performance criteria and reasonable and feasible measures have been incorporated into the CEMP and sub-plans. Ongoing compliance will be tracked throughout construction and operation where applicable.
TERMS OF APPROVAL							
A2	The Proponent shall carry out the SSI generally in accordance with the: (a) State significant infrastructure application SSI-6547 (b) <i>WestConnex M5 King Georges Road Interchange Upgrade Environmental Impact Statement</i> , prepared by Jacobs Group (Australia) Pty Ltd and dated October 2014; (c) <i>WestConnex M5 King Georges Road Interchange Upgrade Submissions Report</i> , prepared by Jacobs Group (Australia) Pty Ltd and dated January 2015; and (d) conditions of this approval.	WDA/FH	All stages	n/a	No	n/a	The CEMP and sub plans include the relevant mitigation measures required to undertake the project in accordance with the requirements of CoA A2(a-d). Compliance will be tracked by way of the Compliance Tracking Program (CTP) and periodic compliance status reports.
A3	In the event of an inconsistency between: (a) the conditions of this approval and any document listed from condition A2(a) to A2(c) inclusive, the conditions of this approval shall prevail to the extent of the inconsistency; and (b) any document listed from condition A2(a) to A2(c) inclusive, and any other document listed from condition A2(a) to A2(c) inclusive, the most recent document shall prevail to the extent of the inconsistency.	WDA/FH	All stages	n/a	No	n/a	Noted.
A4	The Proponent shall comply with any reasonable requirement(s) of the Secretary arising from the Department's assessment of: (a) any reports, plans or correspondence that are submitted in accordance with this approval; and (b) the implementation of any actions or measures contained within these reports, plans or correspondence	WDA/FH	All stages	n/a	No	n/a	Noted.
LIMITS OF APPROVAL							
A5	This approval shall lapse 10 years after the date on which it is granted, unless the works the subject of this SSI approval are physically commenced on or before that date.	WDA	All stages	n/a	No	n/a	Noted. Works to commence in July 2015
STATUTORY REQUIREMENTS							
A6	The Proponent shall ensure that all licences, permits and approvals are obtained as required by law and maintained as required throughout the life of the SSI. No condition of this approval removes the obligation for the Proponent to obtain, renew or comply with such licences, permits or approvals.	FH	All stages	CEMP Appendix A1	Yes	Draft CEMP Rev D submitted to DP&E on 29 July 2015	Appendix A1 of the CEMP contains a full list of applicable legislation and associated permits, licences or approvals. The Project team will obtain all necessary licenses and approvals as required by law and maintain these during construction
STAGING							
A7	The Proponent may elect to construct and/ or operate the SSI in stages. Where staging is proposed, the Proponent shall submit a Staging Report to the Secretary prior to the commencement of the first proposed stage. The Staging Report shall provide details of:	WDA/FH	All stages	No staging is proposed for the construction or operation of the SSI.	No	n/a	N/A. No changes are proposed to staging of the SSI.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>(a) how the SSI would be staged, including general details of work activities associated with each stage and the general timing of when each stage would commence ; and</p> <p>(b) details of the relevant conditions of approval, which would apply to each stage and how these shall be complied with across and between the stages of the SSI.</p> <p>Where staging of the SSI is proposed, these conditions of approval are only required to be complied with at the relevant time and to the extent that they are relevant to the specific stage(s).</p>						
SUBMISSION OF ANY STRATEGY, PLAN OR PROGRAM							
A8	<p>The Proponent shall ensure that all plans, sub-plans and other management documents required by the conditions of this approval and relevant to each stage (as identified in the Staging Report) are submitted to the Secretary no later than one month prior to the commencement of the relevant stages, unless otherwise agreed by the Secretary.</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> While any strategy, plan or program may be submitted on a progressive basis, the Proponent will need to ensure that the existing operations on site are covered by suitable strategies, plans or programs at all times; and If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program shall clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program. 	WDA/FH	All stages	CEMP and sub-plans Compliance Tracking Program Community Communication Strategy Cycling and Pedestrian Strategy	Yes	Refer to the CoA relevant to each document	In progress. The draft documents have been submitted to DP&E for review and approval.
COMPLIANCE							
A9	The Proponent shall ensure that employees, contractors and sub-contractors are aware of, and comply with, the requirements of the conditions of this approval relevant to their respective activities.	WDA/FH	All stages	CEMP Chapter 5	Yes	Draft CEMP Rev D submitted to DP&E on 29 Jul 2015	All Fulton Hogan employees and subcontractors will attend training and awareness sessions outlining relevant project requirements in accordance with the CEMP and sub-plans.
A10	The Proponent shall be responsible for environmental impacts resulting from the actions of all persons that it invites onto the site, including contractors, sub-contractors and visitors.	FH	All stages	CEMP Chapter 4 and 5	No	n/a	Noted. No incidents to date.
A11	In the event of a dispute between the Proponent and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the activity, either party may refer the matter to the Secretary for resolution. The Secretary's determination of any such dispute shall be final and binding on the parties.	WDA/FH	All stages	n/a	No	n/a	No such disputes to date.
Compliance Tracking Program							
A12	<p>The Proponent shall develop and implement a Compliance Tracking Program to track compliance with the requirements of this approval. The Program shall be submitted to the Secretary for approval prior to the commencement of construction and operate for a minimum of 18 months following commencement of operation.</p> <p>The Program shall include, but not necessarily be limited to:</p> <p>(a) provisions for the notification of the Secretary prior to the commencement of construction and prior to the commencement of operation of the SSI (including prior to each stage, where works are being staged);</p> <p>(b) provisions for periodic review of the compliance status of the SSI against the requirements of this approval;</p> <p>(c) provisions for periodic reporting of compliance status to the Secretary, including but not limited to:</p> <p>(i) a Pre-Construction Compliance Report prior to the commencement of construction;</p> <p>(ii) quarterly Construction Compliance Reports, for the duration of</p>	FH	All stages	Compliance Tracking Program (CTP)	Yes	Draft CTP Rev C submitted to DP&E on 20 July 2015	CTP has been submitted to the DP&E This document addresses CoA A12(c)(i).

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>construction; and</p> <p>(iii) a Pre-Operation Compliance Report prior to the commencement of operation;</p> <p>(d) a program for independent environmental auditing in accordance with AS/NZS ISO 19011:2014 - Guidelines for Auditing Management Systems;</p> <p>(e) mechanisms for recording environmental incidents during construction and actions taken in response to those incidents;</p> <p>(f) provisions for reporting environmental incidents to the Secretary during construction, in accordance with conditions A13 and A14</p> <p>(g) procedures for rectifying any non-compliance identified during environmental auditing, review of compliance or incident management; and</p> <p>(h) provisions for ensuring all employees, contractors and sub-contractors are aware of, and comply with, the conditions of this approval relevant to their respective activities.</p>						
INCIDENT REPORTING							
A13	The Proponent shall notify the EPA in relation to any pollution incident in carrying out the SSI as required by the <i>Protection of the Environment (Operations) Act 1997</i> as required by that Act. The Proponent shall provide the Secretary with a record of any such notification.	FH	All stages	CEMP Chapter 7	Yes	Draft CEMP Rev D submitted to DP&E on 29 Jul 2015	No pollution incidents and thus, notifications to date.
A14	The Proponent shall notify the Secretary (using the contact name and phone number notified by the Department from time to time) of any incident (other than those relating to the <i>Protection of the Environment (Operations) Act 1997</i>) with actual or potential significant off-site impacts on people or the biophysical environment within 24 hours of becoming aware of the incident on weekdays, or the following business day on weekends. The Proponent shall provide full written details of the incident to the Secretary within seven days of the date on which the incident occurred.	WDA/FH	All stages	CEMP Chapter 7	Yes	Draft CEMP Rev D submitted to DP&E on 29 Jul 2015	No such incidents to date.
A15	The Proponent shall meet the requirements of the Secretary or relevant public authority (as determined by the Secretary) to address the cause or impact of any incident, as it relates to this approval, reported in accordance with condition A14, within such period as the Secretary may require	FH	Pre-construction, construction and operation	CEMP Chapter 7	Yes	Draft CEMP Rev D submitted to DP&E on 29 Jul 2015	No such incidents to date.
SOIL, WATER QUALITY AND HYDROLOGY							
B1	Except as may be provided by an EPL, the SSI shall be constructed and operated to comply with section 120 of the <i>Protection of the Environment Operations Act 1997</i> , which prohibits the pollution of waters.	WDA/FH	Construction and operation	CEMP Appendix B4 Construction Soil and Water Quality Management Plan (CSWQMP)	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	A Construction Soil and Water Quality Management Plan has been developed, which includes measures to control and manage surface water.
Flooding							
B2	<p>The SSI shall be designed to not worsen existing flood characteristics in the vicinity of the SSI. Not worsen is defined as:</p> <p>(a) a maximum increase in inundation time of one hour in a 1 in 100 year ARI rainfall event;</p> <p>(b) a maximum increase of 10mm in inundation at properties where floor levels are currently exceeded in a 1 in 100 year ARI rainfall event; and</p> <p>(c) a maximum increase of 50mm in inundation at properties where floor levels would not be exceeded in a 1 in 100 year ARI rainfall event.</p>	WDA	Pre-construction	Project detail design prepared by WDA	No	n/a	The Project has been designed to comply with this CoA (by WDA).
Land Contamination							
B3	Measures to identify, handle and manage any unidentified contaminated soils and materials shall be identified in the Construction Environmental Management Plan required under conditions D30 and D31. Should a Remediation Action Plan be required, this shall be prepared to meet the relevant guidelines of the <i>Contaminated Land Management Act 1997</i> . If required, a Site Audit Statement(s), prepared by an accredited Site Auditor under the <i>Contaminated Land Management Act 1997</i> , shall	FH	Pre-construction	CSWQMP Appendix B	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	A Construction Soil and Water Quality Management Plan has been developed, which includes measures to identify, handle and manage any unidentified contaminated soils and materials. Refer to

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	be prepared verifying that the disturbed contaminated areas have been remediated to a standard consistent with the intended land use and shall be submitted to the Secretary and Relevant Councils prior to operation.						CSWQMP Chapter 5.7 and Appendix B.
TRANSPORT AND ACCESS							
B4	The SSI shall be designed so as not to preclude grade separated shared paths across King Georges Road so as to improve cycle and pedestrian safety and connectivity.	WDA	Pre-construction	Project detailed design prepared by WDA	No	Project detail design is completed by WDA	The Project has been designed to comply with this CoA (by WDA).
B5	In relation to new or modified local road, parking, pedestrian and cycle infrastructure, the SSI shall be designed: (a) in consultation with the relevant roads authority; (b) to take into consideration existing and future demand, road safety and traffic network impacts; (c) to meet relevant design, engineering and safety guidelines, including <i>Austroads Guide to Road Design</i> ; and be endorsed by a suitably qualified and experienced person that has considered the above matters.	WDA	Pre-construction	Project detailed design prepared by WDA	No	Project detail design is completed by WDA	The Project has been designed to comply with this CoA (by WDA).
B6	A safety audit of the shared paths on both sides of the corridor between Belmore and Bexley Roads shall be undertaken in reference to Austroads Guides and will inform the preparation of the Cycling and Pedestrian Access Strategy required by condition B8.	WDA	Pre-construction	Safety Audit Report prepared by WDA	No	Refer to WDA letter to DP&E dated 27/7/2015	A safety audit has been undertaken by WDA to comply with this CoA (by WDA). Refer to WDA letter to DP&E dated 27/7/2015.
B7	The closure of M5 shoulders to cycle traffic shall not occur until shared paths have been upgraded and the revised crossings over King Georges Rd have been implemented, consistent with the approved Cycling and Pedestrian Access Strategy, unless otherwise agreed by the Secretary. Should the closure of M5 shoulders to cycle traffic be required prior to these actions being undertaken, the Proponent shall demonstrate to the Secretary that existing and/or temporary facilities will be implemented to provide safe and efficient cycle and pedestrian access.	WDA/FH	Construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	In progress. Refer to CEMP Appendix B1 – CTAMP. Also refer to WDA letter to DP&E dated 27/7/2015.
B8	Prior to construction, unless otherwise agreed by the Secretary, the Proponent shall prepare a Cycling and Pedestrian Access Strategy with a focus on addressing eastbound and westbound cyclist and pedestrian movements and connections, including at the King Georges Road/ M5 Motorway interchange. This Strategy shall be approved by the Secretary, and shall be prepared in consultation with relevant stakeholders including, but not limited to Relevant Councils, pedestrian and bicycle user groups, community groups, and business associations, and include, but not necessarily be limited to: (a) options for eastbound and westbound cyclist and pedestrian access along the M5 corridor and across King Georges Road. This shall focus on cyclist and pedestrian safety and efficiency. This shall include the introduction of a new crossing across King Georges Road generally between the M5 eastbound on and off ramps and modifying the signalling sequence at the King Georges Road east-bound off ramp for cyclists exiting the M5 to cross to the shared path with a reduced waiting time; (b) improvements to the shared paths and surrounding environment between Belmore and Bexley Roads and adjoining pedestrian and cycle connections. This shall consider the results of the safety audit required under condition B6 and the upgrade of shared paths between King Georges Road and Bexley Road to meet current cycle and pedestrian standards; (c) defining the existing and proposed cycling network and infrastructure that will be delivered; and (d) endorsement by a suitably qualified and experienced person that has considered the above matters. <i>Note: Identified mitigation measures that are not consistent with the environmental</i>	WDA	Pre-construction	CTAMP Section 11.1.3	Yes	Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	In progress (by WDA). Refer to WDA letter to DP&E dated 27/7/2015.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<i>impacts described in the documents listed in condition A2, will need to be further assessed under the Environmental Planning and Assessment Act, 1979. Works will need to meet relevant design standards and be subject to independent safety audits.</i>						
BIODIVERSITY							
B9	The clearing of native vegetation shall be minimised with the objective of reducing impacts to any threatened species or Endangered Ecological Communities to the greatest extent practicable. Impacted vegetation shall be rehabilitated with endemic species to the greatest extent practicable.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	The mitigation measures to avoid and where possible minimise clearing of native vegetation have been provided in the Construction Flora and Fauna Management Plan (CFFMP).
WASTE MANAGEMENT							
B10	Waste generated outside the site shall not be received at the site for storage, treatment, processing, reprocessing, or disposal on the site, except as expressly permitted by a licence or waste exemption under the <i>Protection of the Environment Operations Act 1997</i> , if such a licence is required in relation to that waste.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	This requirement has been incorporated into the Construction Waste Management Plan (CWMP). Refer to CEMP Appendix B7 – CWMP, Chapter 5.
B11	The reuse and/or recycling of waste materials generated on site shall be maximised as far as practicable, to minimise the need for treatment or disposal of those materials off site.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	As above
B12	All liquid and/or non-liquid waste generated on the site shall be assessed and classified in accordance with <i>Waste Classification Guidelines</i> (Department of Environment, Climate Change and Water, 2009).	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	As above
B13	All waste materials removed from the SSI site shall only be directed to a waste management facility or premises lawfully permitted to accept the materials.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	As above
UTILITIES AND SERVICES							
B14	Utilities, services and other infrastructure potentially affected by construction and operation shall be identified prior to construction to determine requirements for access to, diversion, protection, and/or support. Consultation with the relevant owner and/or provider of services that are likely to be affected by the SSI shall be undertaken to make suitable arrangements for access to, diversion, protection, and/or support of the affected infrastructure as required. The cost of any such arrangements shall be borne by the Proponent.	FH	Pre-construction	n/a	No	n/a	In progress.
URBAN DESIGN AND LANDSCAPE							
B15	The Proponent, shall where feasible and reasonable, give consideration to the opportunities, and implement the mitigation measures identified in the <i>King Georges Road Interchange Upgrade – Visual Amenity, Built Form and Urban Design Report, AECOM 2014</i> . Where an opportunity is not considered feasible or reasonable, this will be clearly demonstrated to the Secretary in conjunction with the submission of the Urban Design and Landscape Plan required by condition B16.	WDA	Pre-construction	Urban Design and Landscape Plan prepared by WDA	Yes	In Progress	In progress (by WDA)
B16	Prior to the commencement of permanent built works and/ or landscaping, or as otherwise agreed by the Secretary, an Urban Design and Landscape Plan shall be prepared and implemented (following approval) for the SSI. The Plan shall be prepared by suitably qualified and experienced person(s), in consultation with the Relevant Council and community, for the approval of the Secretary. The Plan shall present an integrated urban and landscape design for the SSI, and shall include, but not necessarily be limited to: (a) identification of design objectives, principles and standards based on:	WDA/FH	Pre-construction	Urban Design and Landscape Plan prepared by WDA	Yes	In Progress	In progress (by WDA)

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	<ul style="list-style-type: none"> i) environmental and heritage values, ii) urban design context, iii) social context and infrastructure, iv) sustainable design and maintenance, v) community safety, amenity and privacy, including 'safer by design' principles where relevant; vi) relevant design standards and guidelines; and vii) King Georges Road Interchange Upgrade - Visual Amenity, Built Form and Urban Design Report, AECOM 2014. <p>(b) the location of existing vegetation and proposed landscaping (including use of endemic and advanced tree species where practicable) . Details of species to be replanted/ revegetated shall be provided, including their appropriateness to the area and habitat for threatened species (including rehabilitation of aquatic vegetation);</p> <p>(c) a description of disturbed areas (including compounds) and details of the strategies to progressively rehabilitate, regenerate and/ or revegetate these areas;</p> <p>(d) design features, built elements, lighting and building materials (including noise walls, cycle and pedestrian paths);</p> <p>(e) an assessment of the visual screening effects of existing vegetation and the proposed landscaping and built elements. Where receivers have been identified as likely to experience high visual impact as a result of the SSI, the Proponent shall in consultation with affected receivers, identify opportunities for providing at-receiver landscaping to further screen views of the SSI. Where to with the landowner, these measures shall be implemented during the construction of the agreed SSI;</p> <p>(f) graphics such as sections, perspective views and sketches for key elements of the SSI, including, but not limited to built elements of the SSI;</p> <p>(g) monitoring and maintenance procedures for the built elements, rehabilitated vegetation and landscaping (including weed control) including performance indicators, responsibilities, timing and duration and contingencies where rehabilitation of vegetation and landscaping measures fail; and</p> <p>(h) evidence of consultation with the Relevant Council and community on the proposed urban design and landscape measures prior to its finalisation .</p> <p><i>Note: The Plan may be submitted in stages to suit a staged construction program of the SSI.</i></p>						
PROPERTY AND LAND USE							
B17	Any damage caused to property as a result of the SSI shall be rectified or the landowner compensated, within a reasonable timeframe, with the costs borne by the Proponent. This condition is not intended to limit any claims that land owner may have against the Proponent.	FH	Construction and operation	n/a	No	n/a	Noted. Construction management systems and associated construction methods are being developed to avoid damage during the construction phase. No damage has been caused to date.
B18	The Proponent shall construct and operate the SSI with the objective of minimising light spillage to residential properties and be generally consistent with the requirements of <i>Australian Standard 4282-1997 Control of the obtrusive effects of outdoor lighting</i> .	WDA/FH	Construction and operation	CEMP Appendix B8 Construction Compound and Ancillary Facilities Management Plan (CCAFMP)	No	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	This requirement has been incorporated into the Construction Compound and Ancillary Facilities Management Plan (CCAFMP). Refer to the CEMP Appendix B8 – CCAFMP, Chapter 5. The street lighting design for the Project has been developed by WDA to meet the requirements of this CoA.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT							
C1	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Proponent shall prepare and implement a Community Communication Strategy to the satisfaction of the Secretary. The Strategy shall provide mechanisms to facilitate communication between the Proponent (and its contractor(s)), the Environmental Representative (see condition 01), the Relevant Council and community stakeholders (particularly adjoining landowners) on the construction environmental management of the SSI. The Strategy shall include, but not be limited to:</p> <ul style="list-style-type: none"> (a) identification of stakeholders to be consulted as part of the Strategy, including affected and adjoining landowners, key community and business groups, and community and social service organisations; (b) procedures and mechanisms for the regular distribution of accessible information to community stakeholders on construction progress and matters associated with environmental management including provision of information in appropriate community languages; (c) the formation of community-based forums that focus on key environmental management issues for the SSI. The Strategy shall provide detail on the structure, scope, objectives and frequency of the community-based forums; (d) procedures and mechanisms through which the community stakeholders can discuss or provide feedback to the Proponent and/or Environmental Representative in relation to the environmental management and delivery of the SSI; (e) procedures and mechanisms through which the Proponent can respond to enquiries or feedback from the community stakeholders in relation to the environmental management and delivery of the SSI; and (f) procedures and mechanisms that would be implemented to resolve issues/ disputes that may arise between parties on the matters relating to environmental management and the delivery of the SSL. This may include the use of a suitably qualified and experienced independent mediator. <p>The Proponent shall maintain and implement the Strategy throughout construction of the SSL.</p>	FH	Pre-construction	Community Communication Strategy (CCS)	Yes	Draft CCS Rev 4 submitted to DP&E on 4 August 2015	A Community Communication Strategy which addresses the requirements of this CoA has been developed and submitted to DP&E.
Complaints and Enquiries Procedure							
C2	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Proponent shall ensure that the following are available for community enquiries and complaints for the duration of construction:</p> <ul style="list-style-type: none"> (a) a 24 hour telephone number(s) on which complaints and enquiries about the SSI may be registered; (b) a postal address to which written complaints and enquires may be sent; (c) an-email address to which electronic complaints and enquiries may be transmitted; and (d) a mediation system to assist in considering complaints that are unable to be resolved through initial contact. <p>The telephone number, the postal address and the email address shall be published in newspaper(s) circulating in the local area prior to the commencement of construction and prior to the commencement of operation. This information shall also be provided on the website (or dedicated pages) required by this approval.</p>	FH	Pre-construction	CCS Section 7	Yes	Draft CCS Rev 4 submitted to DP&E on 4 August 2015	A Community Communication Strategy (CCS) which addresses the requirements of this CoA has been developed and submitted to DP&E.
C3	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Proponent shall prepare and implement a Construction Complaints Management System consistent with <i>AS 4269: Complaints Handling</i> and maintain the System for the duration of construction and up to 12 months following completion of construction of the SSI.</p> <p>Information on all complaints received, including the means by which they were addressed and whether resolution was reached, with or without mediation, shall be maintained in a complaints register and included in the construction compliance reports required by this approval. The information contained within the System shall</p>	FH	Pre-construction	CCS Section 9	Yes	Draft CCS Rev 4 submitted to DP&E on 4 August 2015	<p>A Community Communication Strategy (CCS) which addresses the requirements of this CoA has been developed and submitted to DP&E.</p> <p>The Complaints Management System is included in CCS.</p>

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	be made available to the Secretary on request.						
Provision of Electronic Information							
C4	<p>Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Proponent shall establish and maintain a new website, or dedicated pages within an existing website, for the provision of electronic information associated with the SSI, for the duration of construction and for 12 months following completion of construction of the SSI. The Proponent shall, subject to confidentiality, publish and maintain up-to-date information on the website or dedicated pages including, but not necessarily limited to:</p> <p>(a) information on the current implementation status of the SSI;</p> <p>(b) a copy of the documents referred to under condition A2 of this approval, and any documentation supporting modifications to this approval that may be granted from time to time;</p> <p>(c) a copy of this approval and any future modification to this approval;</p> <p>(d) a copy of each relevant environmental approval, licence or permit required and obtained in relation to the SSI;</p> <p>(e) a copy of each current strategy, plan, program or other document required under this approval;</p> <p>(f) the outcomes of compliance tracking in accordance with condition A 12 of this approval; and</p> <p>(g) details of contact point(s) to which community complaints and inquiries may be directed, including a telephone number, a postal address and an email address.</p>	WDA	Pre-construction	<p>WestConnex project website</p> <p>http://www.westconnex.com.au/explore_the_route/stage_2/stage_2_king_georges_road_interchange.html</p>	No	n/a	<p>The project website is part of the existing WestConnex website. The information in relation to project activities provided on the website to date include:</p> <ul style="list-style-type: none"> Notification for shared path between King Georges Road and Kingsgrove, July 2015 King Georges Road Interchange Upgrade contract award community update, May 2015 King Georges Road Interchange Upgrade EIS community update, Oct 2014 King Georges Road interchange upgrade concept design community update, July 2014.
ENVIRONMENTAL REPRESENTATIVE							
D1	<p>Prior to the commencement of construction of the SSI, or as otherwise agreed by the Secretary, the Proponent shall appoint a suitably qualified and experienced Environmental Representative(s) that is independent of the design and construction personnel, and that has been approved by the Secretary. The Proponent shall employ an Environmental Representative(s) for the duration of construction, or as otherwise agreed by the Secretary. The Environment Representative(s) shall:</p> <p>(a) be the principal point of advice in relation to the environmental performance of the SSI;</p> <p>(b) monitor the implementation of environmental management plans and monitoring programs required under this approval and advise the Proponent upon the achievement of these plans/programs;</p> <p>(c) have responsibility for considering, and advising the Proponent on, matters specified in the conditions of this approval, and other licences and approvals related to the environmental performance and impacts of the SSI;</p> <p>(d) ensure that environmental auditing is undertaken in accordance with the Proponent's Environmental Management System(s);</p> <p>(e) be given the authority to approve/reject minor amendments to the Construction Environment Management Plan. What constitutes a "minor" amendment shall be clearly explained in the Construction Environment Management Plan;</p> <p>(f) be given the authority and independence to require reasonable steps be taken to avoid or minimise unintended or adverse environmental impacts, and failing the effectiveness of such steps, to direct that relevant actions be ceased immediately should an adverse impact on the environment be likely to occur; and</p> <p>(g) be available to be consulted in responding to the community concerning the environmental performance of the SSI where the resolution of points of conflict between the Proponent and the community is required.</p>	WDA	Pre-construction	n/a	Yes	Mr Toby Hobbs (Vantage Environmental Management P/L) was approved as the Environmental Representative by DP&E on 28 May 2015.	Compliant
D2	The Environmental Representative shall prepare and submit to the Secretary a monthly report on the Environmental Representative's actions and decision on matters specified in condition 01 for the preceding month. The reports shall be submitted within seven (7) days for the end of each month for the duration of	WDA	Construction	Not applicable at this stage	Yes	n/a	Not applicable at this stage – construction has not yet commenced.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	construction of the SSI, or as otherwise agreed by the Secretary. Notwithstanding, the Environmental Representative shall be given the independence to report to the Secretary at any time and/or at the request of the Secretary.						
SOIL, WATER QUALITY AND HYDROLOGY							
Construction Soil and Water Management							
D3	Soil and water management measures consistent with <i>Managing Urban Stormwater - Soils and Construction Vols 1 and 2, 4th Edition</i> (Landcom, 2004) shall be employed during the construction of the SSI to minimise soil erosion and the discharge of sediment and other pollutants to land and/or waters.	FH	Construction	CEMP Appendix B4 Construction Soil and Water Quality Management Plan (CSWQMP)	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	A Construction Soil and Water Quality Management Plan has been developed, which includes mitigation measures consistent with <i>Managing Urban Stormwater - Soils and Construction Vols 1 and 2, 4th Edition</i> (Landcom, 2004). Refer to CSWQMP Chapter 5.
D4	Where available and practicable, and of appropriate chemical and biological quality, stormwater, recycled water or other water sources shall be used in preference to potable water for construction activities, including dust control.	FH	Construction	CSWQMP Chapter 5	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	A Construction Soil and Water Quality Management Plan has been developed, which addresses this CoA. Refer to CSWQMP Chapter 5.
NOISE AND VIBRATION							
Vibration and Building Condition Survey							
D5	Prior to construction, properties that are risk from construction vibration shall be identified and incorporated into the Construction Noise and Vibration Management Plan as required by condition D31.	FH	Pre-construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 3.
D6	Pre and post-construction building condition surveys shall be undertaken by an appropriately qualified professional to identify the condition of at risk buildings. The results of the pre and post construction building condition surveys shall be incorporated into the Construction Noise and Vibration Management Plan as required by condition D31. Measures to address identified degradation in building condition as a result of vibration during construction of the project shall be provided.	FH	Pre-construction, construction, and operation	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	Pre-construction building condition surveys are in progress. A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 5.
Construction Hours							
D7	Except as permitted by an EPL, construction activities associated with the SSI shall be undertaken during the following standard construction hours: (a) 7:00am to 6:00pm Mondays to Fridays, inclusive; and (b) 8:00am to 1:00pm Saturdays; and (c) at no time on Sundays or public holidays.	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 5.
D8	Except as permitted by an EPL, high noise impact works and activities (including, but not limited to piling and saw cutting) shall only be undertaken: (a) between the hours of 8:00 am to 6:00 pm Monday to Friday; (b) between the hours of 8:00 am to 1:00 pm Saturday ; and (c) in continuous blocks not exceeding three hours each with a minimum respite from those activities and works of not less than one hour between each block. For the purposes of this condition 'continuous' includes any period during which there is less than a one hour respite between ceasing and recommencing any of the work the subject of this condition.	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 5.
D9	Notwithstanding conditions D7 and D8 construction works outside of the standard construction hours may be undertaken in the following circumstances: (a) construction works that generate: (i) LAeq(15 minute) noise levels no more than 5 dB(A) above rating	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 5.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>background level at any residence in accordance with the <i>Interim Construction Noise Guideline</i> (Department of Environment and Climate Change, 2009); and</p> <p>(ii) LAeq(15 minute) noise levels no more than the noise management levels specified in Table 3 of the <i>Interim Construction Noise Guideline</i> (Department of Environment and Climate Change, 2009) at other sensitive receivers; and</p> <p>(iii) continuous or impulsive vibration values, measured at the most affected residence, that are no more than those for human exposure to vibration, specified for residences in Table 2.2 of <i>Assessing Vibration: a technical guideline</i>; and</p> <p>(iv) intermittent vibration values, measured at the most affected residence, that are no more than those for human exposure to vibration, specified for residences in Table 2.4 of <i>Assessing Vibration: a technical guideline</i>; or</p> <p>(b) where a negotiated agreement has been reached with affected receivers, where the prescribed noise and vibration levels cannot be achieved; or for the delivery of materials required outside these hours by the NSW Police Force or other authorities for safety reasons; or where it is required in an emergency to avoid injury or the loss of life, property and/or to prevent environmental harm; or</p> <p>(e) construction works approved through an Out-Of-Hours Protocol prepared as part of the Construction Noise and Vibration Management Plan required by condition D31 (approved by the Secretary); or</p> <p>(f) works approved through an EPL.</p>						
Construction Noise and Vibration							
D10	<p>The SSI shall be constructed with the aim of achieving the construction noise management levels detailed in the <i>Interim Construction Noise Guideline</i> (Department of Environment and Climate Change, 2009). All feasible and reasonable noise mitigation measures shall be implemented and any activities that could exceed the construction noise management levels shall be identified and managed in accordance with the Construction Noise and Vibration Management Plan required under condition D31.</p> <p><i>Note: The Interim Construction Noise Guideline identifies 'particularly annoying' activities that require the addition of 5dB(A) to the predicted level before comparing to the construction NML.</i></p>	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 7.
D11	<p>The SSI shall be constructed with the aim of achieving the following construction vibration goals:</p> <p>for structural damage to heritage structures, the vibration limits set out in the German Standard <i>DIN 4150-3: Structural Vibration - effects of vibration on structures</i>;</p> <p>(a) for damage to other buildings and/or structures, the vibration limits set out in the British Standard <i>BS 7385-2:1993 Evaluation and measurement for vibration in buildings – Guide to damage levels from groundborne vibration</i> (as referenced in Australian Standard AS 2187.2-2006 <i>Explosives – Storage and use - Use of Explosives</i>); and</p> <p>(b) for human exposure, the acceptable vibration values set out in the <i>Environmental Noise Management Assessing Vibration: A Technical Guideline</i> (Department of Environment and Conservation, 2006).</p>	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 7.
D12	Where feasible and reasonable, piling activities shall be undertaken using quieter alternative methods than impact or percussion piling, such as bored piles or vibrated piles.	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 7.
D13	Where feasible and reasonable, operation noise mitigation measures shall be implemented at the start of construction (or at other times during construction) to minimise construction noise impacts.	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	A Construction Noise and Vibration Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B3 – CNVMP, Chapter 7.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
AIR QUALITY							
D14	The SSI shall be constructed in a manner that minimise dust emissions from the site, including wind-blown and traffic-generated dust and tracking of material onto public roads. All activities on the site shall be undertaken with the objective of preventing visible emissions of dust from the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all feasible and reasonable dust mitigation measures, including cessation of relevant works, as appropriate, such that emissions of visible dust cease.	FH	Construction	CEMP Appendix B6 Construction Air Quality Management Plan (CAQMP)	No	Draft CAQMP Rev C submitted to DP&E on 6 July 2015	A Construction Air Quality Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B6 – CAQMP, Chapter 5.
HERITAGE							
D15	This approval does not allow the Proponent to destroy, modify or otherwise physically affect human remains as part of the SSI. Where previously un-identified heritage items are discovered during construction of the SSI, all work should stop in the affected area and a suitably qualified and experienced heritage expert should be contacted to provide specialist heritage advice. The measures to consider and manage this process, should be specified in the Construction Heritage Management Plan required by condition D31 including approvals and, where relevant, notification of the Heritage Council of NSW in accordance with section 146 of the <i>Heritage Act 1977</i> or registration in the OEH's Aboriginal Heritage Information Management System (AHIMS) register.	FH	Construction	CEMP Appendix B5 Construction Heritage Management Plan (CHMP)	Yes	Draft CHMP Rev D submitted to DP&E on 28 July 2015	A Construction Heritage Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B5 – CHMP, Chapter 5.
TRANSPORT AND ACCESS							
D16	The SSI shall be constructed, where feasible and reasonable, to avoid the use of local roads (through residential streets) by heavy vehicles to gain access to ancillary facilities.	FH	Construction	CCAFMP CTAMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015 Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	CCAFMP and CTAMP have been developed that address this CoA.
D17	Access to construction compounds via local roads shall be limited to standard construction hours, where practicable.	FH	Construction	CCAFMP CTAMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015 Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	CCAFMP and CTAMP have been developed that address this CoA.
D18	Safe pedestrian and cyclist access through or around worksites shall be maintained during construction. In circumstances where pedestrian and cyclist access is restricted due to construction activities, a satisfactory alternate route shall be provided and signposted.	FH	Construction	CCAFMP CTAMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015 Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	CCAFMP and CTAMP have been developed that address this CoA.
D19	Construction vehicles (including staff vehicles) associated with the SSI shall be managed to: (a) minimise parking or queuing on public roads; (b) minimise idling and queuing in local residential streets where practicable; and (c) adhere to the nominated haulage routes identified in the Construction Traffic Management Plan required under condition D31(c).	FH	Construction	CCAFMP CTAMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015 Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	CCAFMP and CTAMP have been developed that address this CoA.
D20	Access to all properties shall be maintained during construction, where feasible and reasonable, unless otherwise agreed by the relevant property owner or occupier. Any access physically affected by the SSI shall be reinstated to at least an equivalent	FH	Construction	CCAFMP CTAMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	CCAFMP and CTAMP have been developed that address this CoA.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	standard, unless agreed with by the property owner.					Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	
D21	<p>Upon determining the haulage route(s) for construction vehicles associated with the SSI, and prior to construction, a suitably qualified and experienced independent expert shall prepare a Road Dilapidation Report for all local roads utilised. The Report shall assess the current condition of the road and describe mechanisms to restore any damage that may result due to its use by traffic and transport related to the construction of the SSI. The Report shall be submitted to the Relevant council for review prior to the commencement of haulage.</p> <p>Following completion of construction, a subsequent Report shall be prepared to assess any damage to the road that may have resulted from the construction of the SSI.</p> <p>Measures undertaken to restore or reinstate roads affected by the SSI shall be undertaken in a timely manner, in accordance with the reasonable requirements of the Relevant council, and at the full expense of the Proponent.</p> <p><i>Note:</i></p> <ul style="list-style-type: none"> Nothing in this condition restricts the Proponent commencing adjustments and minor upgrades to the existing road network to cater for construction traffic and installation of temporary project signage prior to the commencement of construction. 	FH	Pre-Construction	CTAMP Section 12 Road Dilapidation Report	No	Draft CTAMP Rev 6(i) submitted to DP&E on 5 August 2015	In progress.
BIODIVERSITY							
D22	The avoidance and mitigation measures identified in section 5 <i>WestConnex M5 – King Georges Road interchange upgrade, Biodiversity Assessment, Jacobs, October 2014</i> shall be implemented, except as required by this approval. These measures will be incorporated into the Construction Flora and Fauna Management Plan required under condition D31.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	A Construction Flora and Fauna Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B2 – CFFMP, Chapter 5.
Biodiversity Offsets							
D23	<p>The Proponent shall develop and implement a Biodiversity Offset Package. The Package shall detail how the ecological values lost as a result of the SSI will be offset (with a focus on <i>Acacia pubescence</i> (Downy Wattle)). The Package shall be consistent with the <i>NSW Principles for the Use of Biodiversity Offsets in NSW</i> (DECCW, 2008) and align, as far as is feasible and reasonable, with the Biodiversity Offset Strategy requirements of the <i>NSW Biodiversity Offsets Policy for Major Projects, 2014</i>, unless otherwise agreed by the Secretary.</p> <p>The Package shall include, but not necessarily be limited to:</p> <ol style="list-style-type: none"> the identification of the extent and types of habitat that would be lost or degraded as a result of the final design of the SSI including the consideration of indirect impacts including weed invasion and potential edge effects; the objectives and biodiversity outcomes to be achieved (including consideration of the Bankstown- Liverpool Management Site of the Saving our Species project (http://www.environment.nsw.gov.au/savingourspeciesapp/ManagementSite.aspx?SiteID=2); the final suite of the biodiversity offset measures selected and secured; the management and monitoring requirements for the measures proposed to ensure outcomes of the package are achieved; where a vegetation offset is proposed, the monitoring of the condition of species and ecological communities at offset (including translocation) locations; the methodology for the monitoring program(s), including (where vegetation offsets are proposed) the number and location of offset 	WDA	Pre-construction	To be prepared	Yes	In development	In progress (by WDA).

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>monitoring sites, and the sampling frequency at these sites;</p> <p>(g) provisions for the annual reporting of the monitoring results for a set period of time; and</p> <p>(h) timing and responsibilities for the implementation of the provisions of the Package.</p> <p>Where land offsets cannot solely achieve compensation for the loss of habitat, additional measures shall be provided to collectively deliver an improved or maintained biodiversity outcome for the region.</p> <p>Where monitoring referred to in condition D23(e) indicates that biodiversity outcomes are not being achieved, remedial actions shall be undertaken to ensure that the objectives of the Biodiversity Offset Package are achieved.</p>						
HAZARDS AND RISK							
D24	<p>Dangerous goods, as defined by the Australian Dangerous Goods Code, shall be stored and handled strictly in accordance with:</p> <p>(a) all relevant Australian Standards ;</p> <p>(b) for liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume, within the bund; and</p> <p>(c) the Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin (Environment Protection Authority, 1997).</p> <p>In the event of an inconsistency between the requirements listed from (a) to (c) above, the most stringent requirement shall prevail to the extent of the inconsistency.</p>	FH	Construction	CCAFMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	A Construction Compound and Ancillary Facilities Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B8 - CCAFMP.
PROPERTY AND LANDUSE							
D25	The Proponent shall provide boundary screening at all construction compounds that adjoin or are adjacent to residential and/or commercial properties, with the objective of being consistent with the surrounding context.	FH	Construction	CCAFMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	Future action. A Construction Compound and Ancillary Facilities Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B8 – CCAFMP.
ANCILLARY FACILITIES							
D26	The location of the ancillary facilities shall be identified in the Construction Environment Management Plan required under condition D30.	FH	Construction	CCAFMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	A Construction Compound and Ancillary Facilities Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B8 – CCAFMP.
D27	<p>Unless approved by the Secretary, the location of Ancillary Facilities shall comply with the following locational criteria:</p> <p>(a) be located more than 50 metres from a waterway;</p> <p>(b) be located within or adjacent to land where the SSI is being carried out;</p> <p>(c) have ready access to the road network;</p> <p>(d) be located to minimise the need for heavy vehicles to travel through residential areas;</p> <p>(e) be sited on relatively level land;</p> <p>(f) be separated from nearest residences by at least 200 metres (or at least 300 metres for a temporary batching plant);</p> <p>(g) not require vegetation clearing beyond that already required by the SSI;</p> <p>(h) not impact on heritage items (including areas of archaeological sensitivity) beyond those already impacted by the SSI;</p> <p>(i) not unreasonably affect the land use of adjacent properties;</p> <p>(j) be above the 20 ARI flood level unless a contingency plan to manage flooding is prepared and implemented; and</p> <p>(k) provide sufficient area for the storage of raw materials to minimise, to the greatest extent practical, the number of deliveries required outside standard construction hours.</p>	FH	Construction	CCAFMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	A Construction Compound and Ancillary Facilities Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B8 – CCAFMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
D28	All ancillary facilities and access points shall be rehabilitated to at least their pre-construction condition or better, unless otherwise agreed by the landowner where relevant.	FH	Construction	CCAFMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	A Construction Compound and Ancillary Facilities Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B8 – CCAFMP.
D29	The Secretary's approval is not required for minor Ancillary Facilities (e.g. lunch sheds, office sheds, and portable toilet facilities) that do not comply with the criteria set out in condition D28 and: <ul style="list-style-type: none"> (a) are located within an active construction zone within the approved SSI footprint; <u>and</u> (b) have been assessed by the Environmental Representative to be - <ul style="list-style-type: none"> (i) of low amenity risk to surrounding residences, with consideration to matters such as noise and vibration impacts, traffic and access impacts, dust and odour impacts, and visual (including light spill) impacts, <u>and</u> (ii) of low environmental risk in respect to waste management and impacts on flora and fauna, soil and water, and heritage; <u>and</u> (c) have environmental and amenity impacts that can be managed through the implementation of environmental measures detailed in the Construction Environmental Management Plan for the project 	FH	Construction	CCAFMP	No	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	Noted. A Construction Compound and Ancillary Facilities Management Plan has been developed, which addresses this CoA. Refer to CEMP Appendix B8 – CCAFMP.
CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN							
D30	Prior to the commencement of construction, or as otherwise agreed by the Secretary, the Proponent shall prepare and implement (following approval) a Construction Environmental Management Plan (CEMP) for the SSI. The CEMP is to be prepared in consultation with relevant agencies and the Relevant Council, for the approval of the Secretary. The CEMP shall outline the environmental management practices and procedures that are to be followed during construction. The CEMP is to be prepared in accordance with the <i>Guideline for the Preparation of Environmental Management Plans</i> (Department of Infrastructure, Planning and Natural Resources, 2004). The CEMP shall include, but not necessarily be limited to: <ul style="list-style-type: none"> (a) a description of activities to be undertaken during construction of the SSI (including staging and scheduling); (b) statutory and other obligations that the Proponent is required to fulfil during construction, including approvals, consultations and agreements required from authorities and other stakeholders under key legislation and policies; (c) a description of the roles and responsibilities for relevant employees involved in the construction of the SSI, including relevant training and induction provisions for ensuring that employees, including contractors and sub-contractors, are aware of their environmental and compliance obligations under these conditions of approval; (d) an environmental risk analysis to identify the key environmental performance issues associated with the construction phase; (e) and details of how environmental performance would be managed and monitored to meet acceptable outcomes, including what actions will be taken to address identified potential adverse environmental impacts (including any impacts arising from the staging of the construction of the SSI). These should include consideration of cumulative impacts in relation to staging or other major potential construction activities in the project area. In particular, the following environmental performance issues shall be addressed in the CEMP: <ul style="list-style-type: none"> (i) measures for the handling, treatment and management of hazardous and contaminated materials, if any are identified during construction; (ii) measures to monitor and manage waste generated during construction including but not necessarily limited to: general 	FH	Pre-construction and construction	CEMP	Yes	Draft CEMP Rev D submitted to DP&E on 29 July 2015	Construction Environmental Management Plan (CEMP) in consultation with the relevant agencies, the Relevant Councils and community groups. The results of consultation are provided CEMP Appendix A3 – Consultation Register.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>procedures for waste classification, handling, reuse, and disposal; use of secondary waste material in construction wherever feasible and reasonable; procedures or dealing with green waste including timber and mulch from clearing activities; and measures for reducing demand on water resources (including potential for reuse of treated water from sediment control basins);</p> <p>(iii) measures to monitor and manage hazard and risks; and</p> <p>(iv) the issues identified in condition D31.</p> <p>The CEMP shall include procedures for its periodic review and update (including the sub-plans required under condition 031), as necessary (including where minor changes can be approved by the Environmental Representative). The CEMP shall be submitted for the approval of the Secretary no later than one month prior to the commencement of construction, or as otherwise agreed by the Secretary. The CEMP may be prepared in stages; however, construction works shall not commence until written approval of the relevant stage has been received from the Secretary.</p> <p><i>Note: The approval of a CEMP does not relieve the Proponent of any requirement associated with this SS/ approval. If there is an inconsistency with an approved Construction Environmental Management Plan and the conditions of this SS/ approval, the requirements of this SS/ approval shall prevail.</i></p>						
CEMP – Sub plans							
D31	<p>As part of the CEMP for the SSI, the Proponent shall prepare and implement (following approval):</p> <p>(a) a Construction Compound and Ancillary Facilities Management Plan to detail the management of site compounds associated with the SSI. The Plan shall and include but not be limited to:</p> <p>(i) a description of the facility, its components and the surrounding environment;</p> <p>(ii) details of the activities to be carried out at each facility, including the hours of use and the storage of dangerous and hazardous goods;</p> <p>(iii) an assessment of the facility against the criteria provided in condition 027. Where proposed facilities do not meet those criteria, the assessment must justify and (where relevant) quantify potential impacts of the facility;</p> <p>(iv) details of the mitigation and management procedures specific to the facility that would be implemented to minimise environmental and amenity impacts and an assessment of the adequacy of the mitigation or offsetting measures;</p> <p>(v) identification of the timing for the completion of activities at the facility and how the site will be decommissioned (including any necessary rehabilitation); and</p> <p>(vi) appropriate monitoring, review and amendment mechanisms</p>	FH	Pre-construction and construction	CCAFMP	Yes	Draft CCAFMP Rev D submitted to DP&E on 5 August 2015	Refer to CEMP Appendix B8 – CCAFMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>(b) a Construction Noise and Vibration Management Plan to detail how construction noise and vibration impacts will be minimised and managed. The Plan shall be consistent with the guidelines contained in the Interim Construction Noise Guidelines (OECC, 2009) and shall include, but not be limited to:</p> <ul style="list-style-type: none"> (i) identification of sensitive receivers and relevant construction noise and vibration goals applicable to the SSI Stipulated in this approval; (ii) details of construction activities and an indicative schedule for construction works; including the identification of key noise and/or vibration generating construction activities (based on representative construction scenarios, including at ancillary facilities) that have the potential to generate noise and/or vibration impacts on surrounding sensitive receivers, particularly residential areas; (iii) an Out-of-Hours Work Protocol for the assessment, management and approval of works outside of standard construction hours as defined in condition D7 of this approval, for the Secretary's approval. The Out-of-Hours Work Protocol must detail: <ul style="list-style-type: none"> (A) assessment of out-of-hours works against the relevant noise and vibration criteria, (B) detailed mitigation measures for any residual impacts (that is, additional to general mitigation measures), including extent of at-receiver treatments, and (C) proposed notification arrangements; (iv) identification of feasible and reasonable measures proposed to be implemented to minimise and manage construction noise and vibration impacts (including construction traffic noise impacts); (v) procedures and mitigation measures to ensure relevant vibration criteria are achieved, including applicable safe working distances for vibration intensive works, use of low-vibration generating equipment vibration dampeners or alternative construction methodology, and pre- and post-construction dilapidation surveys of at risk structures where vibration is likely to result in damage to buildings and structures (including surveys being undertaken immediately following a monitored exceedance of the criteria); and (vi) a program for construction noise and vibration monitoring (including the monitoring of the effectiveness of noise and vibration mitigation measures) during construction, clearly indicating the monitoring frequency, monitoring locations, how the monitoring results would be recorded and reported, and, if any exceedance is detected, how any non-compliance would be rectified; (vii) procedures for notifying sensitive receivers of construction activities that are likely to affect their noise and vibration amenity, as well as procedures for managing and responding to noise complaints; and (viii) mechanisms for the monitoring, review and amendment of this plan. 	FH	Pre-construction and construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	Refer to CEMP Appendix B3 – CNVMP.
	<p>(c) a Construction Traffic and Access Management Plan to ensure traffic and access controls are implemented to avoid or minimise impacts on traffic, pedestrian and cyclist access, and the amenity of the surrounding environment. The Plan shall be developed in consultation with the Traffic and Transport Liaison Group, Relevant council, emergency services, and pedestrian and bicycle user groups, and include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> (i) identification of construction traffic routes and construction traffic volumes (including heavy vehicle/spoil haulage) on these routes; (ii) details of vehicle movements for construction sites and site compounds including parking, dedicated vehicle turning areas, and ingress and egress points; (iii) discussion of construction impacts that could result in disruption of traffic, public transport, pedestrian and cycle access, access to public land, property access, including details of oversize load movements, and the nature and duration of those impacts; (iv) details of management measures to minimise traffic impacts, including 	FH	Pre-construction and construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to CEMP Appendix B1 – CTAMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>temporary road work traffic control measures, onsite vehicle queuing and parking areas and management measures to minimise peak time congestion and measures to ensure safe pedestrian and cycle access;</p> <p>(v) details of measures to maintain or provide alternative safe and accessible routes for pedestrians throughout the duration of construction, including provision of alternate pedestrian paths where necessary;</p> <p>(vi) details of measures to maintain connectivity for cyclists, with particular emphasis on providing adequate access between key existing cycle routes;</p> <p>(vii) details of measures to manage traffic movements, parking, loading and unloading at ancillary facilities during out-of-hours work;</p> <p>(viii) details of methods to be used to communicate proposed future traffic changes to affected road users, pedestrians and cyclists, consistent with the Community Communication Strategy required under condition C1;</p> <p>(ix) an adaptive response plan which sets out a process for response to any traffic, construction or other incident; and</p> <p>(x) mechanisms for the monitoring, review and amendment of this plan.</p>						
	<p>(d) A Construction Soil and Water Quality Management Plan to manage surface and groundwater impacts during construction of the SSI. The plan shall be developed in consultation with the EPA, and DPI (Office of Water), Sydney Water, and Relevant councils and include, but not necessarily be limited to:</p> <p>(i) details of construction activities and their locations, which have the potential to impact on water courses, storage facilities, stormwater flows, including identification of pollutants that may be introduced into the water cycle;</p> <p>(ii) surface water impact assessment criteria;</p> <p>(iii) management and mitigation measures;</p> <p>(iv) a contingency plan to be implemented in the case of impacts to groundwater;</p> <p>(v) a contingency plan to be implemented in the case of unanticipated discovery of contaminated material;</p> <p>(vi) a description of how the effectiveness of these actions and measures would be monitored during the proposed works, clearly indicating how often this monitoring would be undertaken, the locations where monitoring would take place, how the results of the monitoring would be recorded and reported, and, if any pollution is detected how any non-compliance can be rectified; and</p> <p>(vii) mechanisms for the monitoring, review and amendment of this plan.</p>	FH	Pre-construction and construction	CEMP Appendix B4 Construction Soil and Water Quality Management Plan (CSWQMP)	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	Refer to CEMP Appendix B4 – CSWQMP.
	<p>(e) a Construction Heritage Management Plan to ensure construction impacts on Aboriginal and non-Aboriginal heritage will be appropriately avoided, minimised and managed. The Plan shall include, but not necessarily be limited to:</p> <p>(i) in relation to Aboriginal Heritage:</p> <p>procedures for dealing with previously unidentified Aboriginal objects (excluding human remains), including cessation of works in the vicinity, assessment of the significance of the item(s) and determination of appropriate mitigation measures, including when works can re-commence, by a suitably qualified and experienced archaeologist in consultation with Department of Planning and Environment, and Aboriginal stakeholders, and assessment of the consistency of any Aboriginal heritage impacts against the approved impacts of the SSI;</p> <p>(D) procedures for dealing with human remains, including cessation of works in the vicinity, notification of Department of Planning and Environment, NSW Police Force, OEH and Aboriginal stakeholders, and commitment to cease recommencing any works in the area unless authorised by the OEH and/or the NSW Police Force;</p> <p>(E) heritage training and induction processes for construction personnel (including procedures for keeping records of</p>	FH	Pre-construction and construction	CEMP Appendix B5 Construction Heritage Management Plan (CHMP)	Yes	Draft CHMP Rev D submitted to DP&E on 28 July 2015	Refer to CEMP Appendix B5 – CHMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>inductions) and obligations under the conditions of this approval including site identification, protection and conservation of Aboriginal cultural heritage; and</p> <p>(F) procedures for ongoing Aboriginal consultation and involvement for the duration of the SSI, in the event that previously unidentified Aboriginal objects are discovered; and</p> <p>(ii) in relation to non-Aboriginal Heritage:</p> <p>(A) procedures for dealing with previously unidentified heritage objects, (including cessation of works in the vicinity, assessment of the significance of the item(s) and determination of appropriate mitigation measures including when works can re-commence by a suitably qualified and experienced archaeologist in consultation with the OEH, NSW Heritage Council and Department of Planning and Environment, and assessment of the consistency of any heritage impacts against the approved impacts of the SSI; and</p> <p>(B) heritage training and induction processes for construction personnel (including procedures for keeping records of inductions and obligations under this approval including site identification, protection and conservation of non-Aboriginal cultural heritage; and</p> <p>(iii) mechanisms for the monitoring, review and amendment of this plan.</p> <p>(f) a Construction Flora and Fauna Management Plan to detail how construction impacts on ecology will be minimised and managed. The Plan shall be endorsed by an appropriately qualified and experienced ecologist and in consultation with Relevant Councils, and shall include, but not necessarily be limited to:</p> <p>(i) plans for impacted and adjoining areas showing vegetation communities, important flora and fauna habitat areas; locations where threatened species, populations or ecological communities have been recorded; including pre-clearing surveys to confirm the location of threatened flora and fauna species and associated habitat features ;</p> <p>(ii) the identification of areas to be cleared and details of management measures to avoid residual habitat damage or loss and to minimise or eliminate time lags between the removal and subsequent replacement of habitat such as:</p> <p>(A) clearing minimisation procedures(including fencing),</p> <p>(B) pre-clearing and clearing procedures,</p> <p>(C) removal and relocation of fauna during clearing,</p> <p>(D) habitat tree management, and</p> <p>(E) construction worker education;</p> <p>(iii) rehabilitation details, including identification of flora species and sources, and measures for the management and maintenance of rehabilitated areas;</p> <p>(iv) a Weed Management Strategy, incorporating weed management measures focusing on early identification of invasive weeds and effective management controls (including for those related to aquatic and riparian zones);</p> <p>(v) a description of how the effectiveness of these management measures would be monitored;</p> <p>(vi) a procedure for dealing with unexpected EEC/ threatened species identified during construction, including cessation of work and notification of the OEH, determination of appropriate mitigation measures in consultation with the OEH (including relevant re-location measures) and updating of ecological monitoring and/ or biodiversity offset requirements, and</p> <p>(vii) mechanism for the monitoring, review and amendment of this plan.</p> <p>(g) a Construction Air Quality Management Plan to detail how construction impacts on air quality will be minimised and managed. The Plan shall be developed in consultation with the EPA and shall</p>	FH		<p>CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)</p> <p>CFFMP Appendix F</p> <p>CEMP Appendix B6 Construction Air Quality</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	<p>Draft CFFMP Rev C submitted to DP&E on 27 July 2015</p> <p>Draft CFFMP Rev C submitted to DP&E on 27 July 2015</p> <p>Draft CAQMP Rev C submitted to DP&E</p>	<p>Refer to CEMP Appendix B2 – CFFMP, Chapter 5.</p> <p>Refer to CEMP Appendix B6 – CAQMP,</p>

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<p>include, but not necessarily be limited to:</p> <ol style="list-style-type: none"> I. the identification of potential sources of dust and other emissions; II. key performance indicators; III. measures to monitor and manage dust emissions, including dust from stockpiles, and materials tracking from construction sites onto public roads; IV. strategies to minimise air emissions from off road diesel equipment, including but not limited to graders, bulldozers and loaders; V. mitigation measures to be implemented, including measures during weather conditions where high level dust episodes are probable (such as strong winds in dry weather); VI. mechanisms and procedures to be implemented in the event that adverse air quality impacts arise; VII. record keeping procedures; VIII. methods for assessing compliance against the identified key performance indicators; IX. mechanisms for reporting against key performance indicators; and X. mechanism for the monitoring, review and amendment of this plan. 			Management Plan (CAQMP)		on 6 July 2015	Chapter 5.
NOISE							
Operational noise							
E1	The SSI shall be designed and operated with the objective of meeting the requirements of the NSW Road Noise Policy (Department of Environment, Climate Change and Water, 2011).		Operation	Not applicable at this stage	No	Not applicable at this stage	Future action (by WDA).
Operational Noise Review							
E2	<p>Unless otherwise agreed by the Secretary, within six months of commencing construction, the Proponent shall, in consultation with the EPA, submit for the approval of the Secretary, a review of the operational noise mitigation measures proposed to be implemented for the SSI. The review shall:</p> <ol style="list-style-type: none"> a) confirm the operational noise predictions of the SSI based on detailed design, including maximum night time noise events (utilising an appropriately calibrated noise model which has incorporated additional noise monitoring where necessary for calibration purposes); b) review the suitability of the operational noise mitigation measures identified in the documents listed under condition A2 to achieve the criteria outlined in the NSW Road Noise Policy (Department of Environment, Climate Change and Water, 2011), based on the operational noise performance of the SSI predicted under condition E1; and c) where necessary, investigate and identify additional feasible and reasonable noise mitigation measures to achieve the criteria outlined in the NSW Road Noise Policy (Department of Environment, Climate Change and Water, 2011); and d) identify all sensitive receiver locations eligible for architectural treatments. <p>The review shall be undertaken by a suitably qualified and experienced acoustic specialist.</p>	WDA	Operation	Not applicable at this stage	Yes	Not applicable at this stage	Future action (by WDA).
Architectural Treatment at Sensitive Receivers							
E3	Within four weeks of the Secretary's approval of the report required by condition E2, the Proponent shall write to each landowner whose property is identified as eligible for architectural treatment. If eligible, the proponent will offer to provide and fund feasible and reasonable architectural noise mitigation treatments to reduce the impact of operational traffic noise at the affected premises. The Proponent's offer shall remain open for acceptance by the affected landowner for at least six months from the date of the notification required under this condition.	WDA	Operation	Not applicable at this stage	No	Not applicable at this stage	Future action (by WDA).
E4	Architectural treatments agreed between the parties shall be implemented within six months of reaching such an agreement.	WDA	Operation	Not applicable at this stage	No	Not applicable at this stage	Future action (by WDA).

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
Operational Noise Compliance							
E5	<p>Within 12 months of the commencement of operation of the SSI, or as otherwise agreed by the Secretary, the Proponent shall undertake operational noise monitoring to compare actual noise performance of the SSI against noise performance predicted in the review of noise mitigation measures required by condition E2, and prepare an Operational Noise Compliance Report to document this monitoring. The Report shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> (a) noise monitoring to assess compliance with the operational noise levels predicted in the review of operational noise mitigation measures required under condition E2 and documents specified under condition A2 of this approval; (b) a review of the operational noise levels in terms of criteria established in the NSW <i>Road Policy</i> (Department of Environment, Climate Change and Water, 2011); (c) methodology, location and frequency of noise monitoring undertaken, including monitoring sites at which SSI noise levels are ascertained, with specific reference to locations indicative of impacts on sensitive receivers; (d) details on average daily traffic volumes across the project area once operational during the daytime and night-time periods based on recorded observations; (e) details of any complaints and enquiries received in relation to operational noise generated by the SSI between the date of commencement of operation and the date the report was prepared; (f) any required recalibrations of the noise model taking into consideration factors such as actual traffic numbers and proportions; (g) an assessment of the performance and effectiveness of applied noise mitigation measures together with a review and if necessary, reassessment of feasible and reasonable mitigation measures; and (h) identification of additional feasible and reasonable measures to those identified in the review of noise mitigation measures required by condition E2, if required, that would be implemented with the objective of meeting the criteria outlined in the NSW Road Noise Policy (Department of Environment, Climate Change and Water, 2011), when these measures would be implemented and how their effectiveness would be measured and reported to the Secretary and the EPA. <p>The Proponent shall provide the Secretary and the EPA with a copy of the Operational Noise Report within 60 days of completing the operational noise monitoring referred to in (a) above or as otherwise agreed by the Secretary.</p>	WDA	Operation				Future action (by WDA).
URBAN DESIGN AND LANDSCAPING							
E6	The ongoing maintenance of urban design and landscaping items and works implemented as part of this infrastructure approval shall remain the Proponent's responsibility unless satisfactory arrangements have been put in place for the transfer of ownership of the item or work to another authority. The Proponent will maintain items and works to the standards established in the Urban Design and Landscape Plan required under condition 816, unless and until landscaping items have been transferred	WDA	Operation	Not applicable at this stage	No	Not applicable at this stage	Future action (by WDA).
OPERATIONAL ENVIRONMENTAL MANAGEMENT PLAN							
E7	Prior to the commencement of operation, or as otherwise agreed by the Secretary, the Proponent shall review and (if necessary) revise the Operational Environmental Management Plans that cover the project area. Any revised Operational Environmental Management Plan shall be provided to the Secretary.	WDA	Operation	Not applicable at this stage	No	Not applicable at this stage	Future action (by WDA).
PART B. COMPLIANCE WITH EIS AND SUBMISSIONS REPORT							
TRAFFIC AND ACCESS							

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
TT-1	A traffic and transport liaison group would be established prior to commencement of construction. The traffic and transport liaison group would be consulted during preparation of the construction traffic management plan to ensure impacts are minimised.	FH	Pre-construction	CEMP Appendix A2	Yes	Draft CEMP Rev D submitted to DP&E on 29 July 2015	Refer to CEMP Appendix A2 – Consultation Register.
TT-2	A construction traffic management plan would be developed, approved, implemented and monitored as part of the project. The construction traffic management plan would focus on maintaining general traffic flow and specifying appropriate site accesses and construction traffic routes. It would include: <ul style="list-style-type: none"> • Traffic Control Plans showing the access arrangements and the detail of required signs and devices • Traffic Control Plans showing the access arrangements and the detail of required signs and devices • Vehicle Management Plans showing access to work sites and direction of travel • Pedestrian and Cyclist Management Plans • Management strategy for other road users • Management strategy for access to adjacent properties • Hours of operation, including prohibitions on queuing outside sites prior to commencement of working hours • Road safety audit requirements • Any localised improvements/ adjustments to existing traffic management arrangements. 	FH	Pre-construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to CEMP Appendix B1 – CTAMP.
TT-3	Construction staging and temporary works would be developed and implemented to minimise conflicts with the existing road network and to maximise the separation between work areas and travel lanes	FH	Construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.
TT-4	Lane occupancies would be planned with the aim of minimising the actual work area, limiting obstructions and restrictions, maximising road capacity and avoiding peak traffic periods.	FH	Construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.
TT-5	Existing motorway capacity would be maintained during the morning peak and evening peak periods by maintaining the number of through lanes.	FH	Construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.
TT-6	Monitoring of the motorway and work sites would be undertaken using CCTV and mobile patrols where required to assist management of incidents.	FH	Construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.
TT-7	A Pedestrian and Cyclist Management Plan would be prepared as part of the Traffic Management Plan. Alternate routes would be communicated to pedestrians and cyclists.	FH	Construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.
TT-8	Access to existing shared paths would be maintained subject to the need for temporary diversions.	FH	Construction	CEMP Appendix B1 Construction Traffic and Access Management Plan (CTAMP)	Yes	Draft CTAMP submitted to DP&E on 5 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
NOISE AND VIBRATION							
NV-1	Implementation of new noise barrier and increased height of existing noise barrier as identified in Table 5.4 and shown on Figure 5.1 to Figure 5.3, and subject to refinement during detailed design.	WDA/FH	Pre-construction	Project detailed design	No	n/a	This requirement has been addressed in the detailed design for the project (by WDA).
NV-2	<p>Within 12 months of the commencement of operation of the project an operational noise review would be undertaken. This would include:</p> <ul style="list-style-type: none"> Monitoring to compare actual noise performance of the project against predicted noise performance. An assessment of the performance and effectiveness of applied noise mitigation measures together with a review and if necessary, reassessment of all feasible and reasonable mitigation measures. Identification of any additional feasible and reasonable measures that would be implemented with the objective of meeting the criteria in the NSW Road Noise Policy (EPA 2011), when these measures would be implemented and how their effectiveness would be measured and reported. 	WDA	Operation	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	Future action (by WDA)
NV-3	<p>A Construction Noise and Vibration Management Plan (CNVMP) would be prepared for the project. The CNVMP would:</p> <ul style="list-style-type: none"> Assist in ensuring that the noise during construction complies where possible with the construction noise management levels set for the project Determine noise and vibration monitoring, reporting and response procedures Describe specific mitigation treatments, management methods and procedures to be implemented to control noise and vibration during construction such as those identified in this EIS Describe construction timetabling to minimise noise impacts including time and duration restrictions, respite periods and frequency Describe procedures for notifying residents of construction activities likely to affect their amenity through noise and vibration Define contingency procedures to be implemented in the event of non-compliances and/or noise complaints. <p>In developing the CNVMP, the construction contractor must identify measures to minimise noise impacts associated with removing existing noise walls. Measures may include use of temporary noise barriers where feasible.</p>	FH	Pre-construction and construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	Refer to Refer to CEMP Appendix B3 - CNVMP.
NV-4	<p>The following vibration mitigation measures would be specifically considered during the preparation of the CNVMP:</p> <ul style="list-style-type: none"> Relocate vibration generating plant and equipment to areas within the site in order to lower the vibration impacts Investigate the feasibility of rescheduling the hours of operation of major vibration generating plant and equipment Use lower vibration generating items of excavation plant and equipment e.g. smaller capacity rock breaker hammers Minimise consecutive works in the same locality (if applicable) Use dampened rock breakers and/or 'city' rock breakers to minimise the impacts associated with rock breaking works If vibration intensive works are required within the safe working distances, conduct vibration monitoring or attended vibration trials to ensure that levels remain below the cosmetic damage criterion Conduct building condition surveys both before and after the works to identify existing damage and any damage due to the works. 	FH	Pre-construction and construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	Refer to Refer to CEMP Appendix B3 - CNVMP.
NV-5	All work would be undertaken in accordance with <i>RMS Practice Note VII of the ENMM – Roadworks Outside Normal Working Hours</i> . Practice Note VII outlines a series of construction programming requirements to assist mitigating noise impacts to nearby receivers.	FH	Construction	CEMP Appendix B3 Construction Noise and Vibration Management Plan (CNVMP)	Yes	Draft CNVMP Rev D submitted to DP&E on 3 August 2015	Refer to Refer to CEMP Appendix B3 - CNVMP.
FLORA AND FAUNA							

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
FF-1	Existing cleared areas would be used for laydown and stockpile sites and existing access roads and tracks would be utilised for site access where possible.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-2	There would be no vegetation removal to accommodate the Penshurst Road construction site (Windara Reserve) and no compound or laydown facilities under the drip-line of trees.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-3	A Flora and Fauna Management Plan would be developed for the project. The plan would include procedures for pre-clearance surveys that are consistent with the Roads and Maritime Biodiversity Guidelines (RTA 2011).	FH	Pre-construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-4	A detailed landscape plan would be prepared for the project. The landscape plan would build on the findings of the Urban Design, Landscape Character and Visual Working Paper (Appendix I) and would include detailed species and planting guides.	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	In progress	In progress (by WDA)
FF-5	Pre-clearing surveys would be undertaken by an experienced ecologist to identify any nesting/roosting animals present in the project area.	FH	Pre-construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-6	The construction footprint would be identified and marked before construction and exclusion zones established in retained areas of habitat particularly in remnant vegetation and Downy Wattle locations.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-7	An unexpected threatened species finds procedure would be developed consistent with the Roads and Maritime Biodiversity Guidelines and incorporated into project environmental management documentation.	FH	Pre-construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-8	Alternate mitigation measures to protect Downy Wattle plants, such as contributions to the improvement of local populations would be investigated.	WDA	Pre-construction and construction	Biodiversity Offset Package	Yes	Under development	This requirement will be addressed in the Biodiversity Offset Package (by WDA)
FF-9	In circumstances where the handling of fauna is completely unavoidable, best practice methods need to be followed as outlined in the Roads and Maritime Biodiversity Guidelines – Guide 9 Fauna Handling (RTA 2011).	FH	Pre-construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-10	A weed management plan consistent with the Roads and Maritime Biodiversity Guidelines (RTA 2011) would be developed as part of the construction environmental management plan. The weed management plan would include descriptions and mapping of major weed infestations and appropriate management actions to be undertaken in relation to each infestation.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-11	Measures to prevent the spread of pathogens would be detailed in the construction environmental management plan. Measures would be consistent with Roads and Maritime Biodiversity Guidelines – Guide 7 Pathogen Management (RTA 2011).	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
FF-12	Upgrading the water quality pond (near Kirrang Street) would include revegetation post-construction to reinstate the habitat value at the site.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Future action
SOCIO ECONOMIC							
SE-1	Undertake on-going consultation, in accordance with the Draft Community Consultation Framework (refer Appendix D), with local business owners about the	WDA/FH	Construction	CCS	Yes	Draft CCS Rev 4 submitted to DP&E	Refer to the Community Communication Strategy.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	timing, duration and likely impact of construction activities and to identify appropriate measures to manage potential impacts.					on 4 August 2015	
SE-2	Any community areas that are impacted during construction would be restored to their original condition and use after construction. Develop and implement traffic management plans with particular consideration to school pick-up and drop-off times. The design and layout of the compound sites would seek to minimise potential impacts on public reserve areas	FH	Construction	CCS	Yes	Draft CCS Rev 4 submitted to DP&E on 4 August 2015	Refer to the Community Communication Strategy.
SE-3	Where feasible and reasonable construction parking would be limited to facility sites to minimise the impact on public parking. Where this is not feasible and reasonable, measures would be implemented to support construction worker access to the site while retaining local parking facilities for local residents and businesses. Construction worker parking would be restricted on Shorter Avenue Access to properties near the project during construction would be maintained at all times. Where temporary changes to property access are required, alternate access would be determined in consultation with affected property owners and tenants.	FH	Construction	CCS	Yes	Draft CCS Rev 4 submitted to DP&E on 4 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.
SE-4	Where access cannot be maintained along existing pedestrian and cycle paths during construction, users would be consulted regarding alternate routes, timing for their implementation and the alternate routes would be clearly sign-posted.	WDA/FH	Construction	CCS	Yes	Draft CCS Rev 4 submitted to DP&E on 4 August 2015	Refer to Refer to CEMP Appendix B1 – CTAMP.
VISUAL AMENITY, BUILT FORM AND URBAN DESIGN							
V-1	Design of project elements would be consistent with the urban design vision, objectives and principles for the project and the <i>WestConnex Draft Urban Design Framework</i> (RMS 2013).	WDA	Pre-construction and construction	Urban Design and Landscape Plan	Yes	Future Action	In progress (by WDA)
V-2	The landscape design for the project would consider the M5 South.	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	Future Action	In progress (by WDA)
V-3	Incorporate landscape maintenance and management requirements into the existing landscape maintenance plans for the M5 Motorway.	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	Future Action	Future action. WDA is responsible for the preparation of Urban Design and Landscape Plan (UDLP). The Contractor will undertake landscaping works as per the UDLP.
V-4	A detailed landscape plan would be prepared for the project. The landscape plan would build on the findings of the Urban Design, Landscape Character and Visual Working Paper (Appendix I) and the RMS Landscape Guidelines. The landscape plan would include detailed species and planting guides and consideration of refurbishment of existing landscaped areas in the project area.	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	Future Action	In progress (by WDA)
V-5	Noise walls would be designed and constructed consistent with the RMS Noise Wall Guidelines (RMS 2007). Where an existing noise wall requires removal prior to the introduction of a new noise wall, the new walls would be introduced as soon as practicable following removal of existing noise walls to ensure minimal impact on residents	WDA/FH	Construction	Project detailed design	No	n/a	Refer to CEMP Appendix B3 - CNVMP.
V-6	Consideration would be given to reducing the gradient of existing steep batter slopes to facilitate an increased planting response and greater accessibility for maintenance.	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	Future Action	This requirement has been addressed in detailed design for the project (by WDA).
V-7	The widening of bridges at Penshurst Road and Cooloongatta Road would be consistent with RMS <i>Bridge Aesthetics Design Guideline</i> (RMS 2012b)	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	Future Action	This requirement has been addressed in detailed design for the project (by WDA).
V-8	Design for the Penshurst Road and Cooloongatta Road bridges would incorporate CPTED principles	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	Future Action	This requirement has been addressed in detailed design for the project (by WDA).
V-9	Design of pedestrian and bicycle ways would incorporate CPTED principles.	WDA	Pre-construction	Urban Design and Landscape Plan	Yes	Future Action	This requirement has been addressed in detailed design for the project (by WDA).
V-10	Provide tree protection to significant trees and vegetation to protect trees from damage during construction and retain trees and vegetation to minimise visual impacts.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
				(CFFMP)			
V-11	All vegetation between construction sites and adjacent residential areas would be retained where practicable to screen views.	FH	Construction	CEMP Appendix B2 Construction Flora and Fauna Management Plan (CFFMP)	Yes	Draft CFFMP submitted to DP&E on 27 July 2015	Refer to CEMP Appendix B2 – CFFMP.
V-12	Landscaping and restoration would occur at each site upon completion of construction activities.	FH	Construction	Urban Design and Landscape Plan	Yes	Future Action	Future action. WDA is responsible for the preparation of Urban Design and Landscape Plan (UDLP). The Contractor will undertake landscaping works as per the UDLP.
ABORIGINAL HERITAGE							
AH-1	Before the start of construction, all personnel working on site would be trained regarding the procedure for unexpected finds of Aboriginal objects and about their responsibilities in accordance with the <i>National Parks and Wildlife Act 1974</i> .	FH	Pre-construction and Construction	CEMP Appendix B5 Construction Heritage Management Plan (CHMP)	Yes	Draft CHMP Rev D submitted to DP&E on 28 July 2015	Refer to CEMP Appendix B5 – CHMP.
AH-2	Should Aboriginal cultural heritage items be uncovered during construction, the RMS Unexpected Archaeological Finds Procedure (RMS 2012) would be followed. All work in the vicinity of the find would cease and the RMS Aboriginal Cultural Heritage Advisor would be contacted immediately. Works in the vicinity of the find would not recommence until clearance is received.	FH	Construction	CEMP Appendix B5 Construction Heritage Management Plan (CHMP)	Yes	Draft CHMP Rev D submitted to DP&E on 28 July 2015	Refer to CEMP Appendix B5 – CHMP.
AH-3	Project environmental management plans would identify procedures for management of any possible human skeletal remains. In the event that possible human skeletal remains are revealed, work would cease in the affected area and the reported to the NSW Police, the Office of Environment and Heritage and Aboriginal stakeholders.	FH	Construction	CEMP Appendix B5 Construction Heritage Management Plan (CHMP)	Yes	Draft CHMP Rev D submitted to DP&E on 28 July 2015	Refer to CEMP Appendix B5 – CHMP.
NON-ABORIGINAL HERITAGE							
HH-1	Before the start of construction, all personnel working on site would be trained regarding the procedure for unexpected finds of archaeological objects and about their responsibilities in accordance with the Heritage Act 1977.	FH	Pre-construction and Construction	CEMP Appendix B5 Construction Heritage Management Plan (CHMP)	Yes	Draft CHMP Rev D submitted to DP&E on 28 July 2015	Refer to CEMP Appendix B5 – CHMP.
HH-2	If any unanticipated archaeological deposits are identified within the study area during construction, works should cease in the immediate area and the Roads and Maritime <i>Unexpected Archaeological Finds Procedure 2012</i> should be followed.	FH	Construction	CEMP Appendix B5 Construction Heritage Management Plan (CHMP)	Yes	Draft CHMP Rev D submitted to DP&E on 28 July 2015	Refer to CEMP Appendix B5 – CHMP.
AIR QUALITY							
AQ-1	Emissions from construction activities would be managed by: <ul style="list-style-type: none"> Engines of on-site vehicles and plant would be switched off when not in use. Where practicable, vehicles would be fitted with pollution reduction devices. Vehicles would be maintained and serviced according to manufacturer's specifications. All off road diesel equipment will meet best available diesel emissions standards or be fitted with an appropriate diesel exhaust treatment device where possible. Where possible lower vibration generating items of excavation plant and equipment would be used (eg smaller capacity rockbreaker hammers). 	FH	Construction	CEMP Appendix B6 Construction Air Quality Management Plan (CAQMP)	No	Draft CAQMP Rev C submitted to DP&E on 6 July 2015	Refer to CEMP Appendix B6 – CAQMP, Chapter 5.
AQ-2	Dust from construction activities would be managed by: <ul style="list-style-type: none"> Area of exposed surfaces would be minimised during construction Measures (including watering or covering exposed areas) would be used to minimise or prevent dust. Stockpiles or areas that may generate dust are to be managed to suppress dust emissions in accordance with the Roads and Maritime Stockpile Site Management Guideline (2011). 	FH	Construction	CEMP Appendix B6 Construction Air Quality Management Plan (CAQMP)	No	Draft CAQMP Rev C submitted to DP&E on 6 July 2015	Refer to CEMP Appendix B6 – CAQMP, Chapter 5.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	<ul style="list-style-type: none"> Communications material such as the project website and community notification would include a contact person and phone number to enable complaints to be received and responded to Rehabilitation of completed sections would be undertaken as soon as practicable. 						
AQ-3	Dust from construction haulage activities would be managed by: <ul style="list-style-type: none"> Vehicle traffic would be restricted to designated routes which can be managed by regular watering or street cleaning and with appropriate speed limits. Wheel wash or grids would be located near exit points to minimise mud/ dirt track out. Street cleaning would be undertaken to remove dirt tracked onto sealed roads. Vehicle loads would be covered when transporting material off site. 	FH	Construction	CEMP Appendix B6 Construction Air Quality Management Plan (CAQMP)	No	Draft CAQMP Rev C submitted to DP&E on 6 July 2015	Refer to CEMP Appendix B6 – CAQMP, Chapter 5.
HYDROLOGY AND FLOODING							
HF-1	Drainage structures would be designed to convey flows with consideration of appropriate blockage factors and overflow/diversion routes. Appropriate scour protection measures would be implemented along any temporary drainage lines within the project construction area.	WDA	Detailed design and construction	Project detailed design	No	n/a	This requirement has been addressed in detailed design for the project (by WDA).
HF-2	The key recommendations of the pavement drainage strategy would be considered throughout detailed design and construction to minimise impacts to infrastructure and receivers located near the project	WDA	Detailed design and construction	Project detailed design	No	n/a	This requirement has been addressed in detailed design for the project (by WDA).
HF-3	Any disturbance to the vegetated drainage line in Windara Reserve would be rehabilitated post construction	FH	Construction	Urban Design and Landscape Plan	Yes	Future Action	Future action. WDA is responsible for the preparation of Urban Design and Landscape Plan (UDLP). The Contractor will undertake landscaping works as per the UDLP.
GEOLOGY, SOILS AND WATER							
GSW-1	A Soil and Water Management Plan (SWMP) would be prepared to identify all risks relating to soil erosion, and pollution caused by sediments and other materials, and describe how these risks would be addressed during construction. The SWMP would be guided by: <ul style="list-style-type: none"> Roads and Maritime Code of Practice for Water Management, the Roads and Maritime Erosion and Sedimentation Procedure The NSW Soils and Construction – Managing Urban Stormwater Volume 1 “the Blue Book” (Landcom, 2004) and Volume 2 (DECC, 2008). Roads and Maritime Technical Guideline: Temporary Stormwater Drainage for Road Construction, 2011. Roads and Maritime Technical Guideline: Environmental Management of Construction Site Dewatering, 2011. 	FH	Construction	CEMP Appendix B4 Construction Soil and Water Quality Management Plan (CSWQMP)	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	Refer to CEMP Appendix B4 – CSWQMP.
GSW-2	Construction activities would be staged in a manner that would minimise areas of soil exposed during construction wherever practicable	FH	Construction	CEMP Appendix B4 Construction Soil and Water Quality Management Plan (CSWQMP)	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	Refer to CEMP Appendix B4 – CSWQMP.
GSW-3	All stockpiles would be designed, established, operated and decommissioned in accordance with <i>the Roads and Maritime Draft Stockpile Management Procedures, 2011</i> .	FH	Construction	CEMP Appendix B4 Construction Soil and Water Quality Management Plan (CSWQMP)	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	Refer to CEMP Appendix B4 – CSWQMP.
GSW-4	Emergency wet and dry spill kits would be kept on site at all times and all staff would be made aware of the location of the spill kit and trained in its use.	FH	Construction	CEMP Appendix B4 Construction Soil and Water Quality Management Plan (CSWQMP)	Yes	Draft CSWQMP Rev C submitted to DP&E on 27 Jul 2015	Refer to CEMP Appendix B4 – CSWQMP.
GSW-5	Should any groundwater be encountered and need to be disposed during construction,	FH	Construction	CEMP Appendix B4	Yes	Draft CSWQMP Rev	Refer to CEMP Appendix B4 – CSWQMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	disposal would be undertaken in accordance with Technical Guideline – Environmental management of construction site dewatering (EMS-TG-011) (RMS 2011).			Construction Soil and Water Quality Management Plan (CSWQMP)		C submitted to DP&E on 27 Jul 2015	
CWR-1	Excavated material (contaminated or potentially contaminated) that is not suitable for on-site reuse or that cannot be retained/managed on site would be transported to a site that can legally accept that material for disposal. Soils/construction materials leaving the site would be waste classified and/or assessed so that correct resource recovery and or off-site disposal occur.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-2	The waste minimisation hierarchy principles of avoid/reduce/re-use/ recycle/dispose would be used	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-3	A project-specific <i>Construction Waste and Energy Management sub-plan</i> (RWMP) would be prepared before construction	FH	Pre-construction and Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-4	All wastes, including contaminated wastes, would be identified and classified in accordance with Environmental Guidelines: <i>Assessment, Classification and Management of Liquid and Non-Liquid Wastes</i> .	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-5	Trees and plant material would be mulched or chipped on-site and used in landscaping where practicable to stabilise disturbed soils where possible.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-6	A dedicated washout facility that is impervious would be provided during construction so that runoff from the washing of concrete machinery, equipment and concrete trucks can be collected and disposed of at an appropriate waste facility.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B4 – CSWQMP.
CWR-7	All wastes would be managed in accordance with the <i>Protection of the Environment Operations Act 1997</i> .	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-8	Types of waste collected, amounts, date/time and details of disposal are to be recorded in a waste register.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-9	Workspaces would be maintained, kept free of rubbish and cleaned up at the end of each working day.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-10	Wherever feasible and reasonable, construction material would be sourced from within the Sydney region.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CWR-11	Recovery of resources for reuse. Waste materials generated by the project would be re-used either on-site or off-site where possible, including the re-use of top soil in landscape works, and the use of mulch for erosion and sediment controls. Where applicable, wastes would be re-used in accordance with the conditions attached to relevant Resource Recovery Exemptions issued by the EPA.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
GREENHOUSE GAS							
GHG-1	The construction contractor would identify recycled materials (such as recycled aggregates in road pavement and surfacing; steel with recycled content) for use in construction or operation of the project where they are cost, quality and performance	FH	Pre-construction	CEMP Appendix B7 Construction Waste Management Plan	No	Draft CWMP Rev C submitted to DP&E	Refer to CEMP Appendix B7 – CWMP.

CoA Reference	CoA Requirement	Proponent/FH Responsibility	Timing	Document Reference	Approval of, or referral to DP&E required?	Status (e.g. Date submitted to DP&E, approval obtained, etc.)	Compliance Status
	competitive (refer CWR-4 in section 9.11).			(CWMP)		on 20 July 2015	
GHG-2	The procurement process would consider the fuel efficiency of construction plant, equipment and vehicles in selecting a preferred supplier. Where the most fuel efficient item is not selected, justification must be documented and approved as part of the procurement process prior to purchase.	FH	Pre-construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
GHG-3	The feasibility of using biofuels (biodiesel, ethanol, or blends such as E10 or B80) would be investigated by the contractor, taking into consideration the capacity of plant and equipment to use these fuels, ongoing maintenance requirements, and local sources of biofuel.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
GHG-4	A Resource and Waste Management Plan (RWMP) would be prepared to maximise re-use and recycling of construction and demolition waste. Re-use of excavated road materials would be maximised as far as possible where it is cost, quality and performance competitive to reduce material use (and embedded energy).	FH	Pre-construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
GHG-5	Locally produced goods and services would be procured where feasible and cost effective to reduce transport fuel use.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
GHG-6	Assess opportunities to use renewable energy sources to power control systems, lighting and signage.	FH	Construction	CEMP Appendix B7 Construction Waste Management Plan (CWMP)	No	Draft CWMP Rev C submitted to DP&E on 20 July 2015	Refer to CEMP Appendix B7 – CWMP.
CUMULATIVE IMPACT							
CI-1	Consultation will be undertaken with local communities potentially affected by the impact of multiple projects in addition to the M5 King Georges Road Interchange Upgrade.	WDA	Construction	n/a	No	n/a	Ongoing by WDA
CI-2	Where relevant, consultation will be undertaken with proponents of other nearby projects to increase the overall awareness of project timeframes and impact.	WDA	Construction	n/a	No	n/a	Ongoing by WDA