

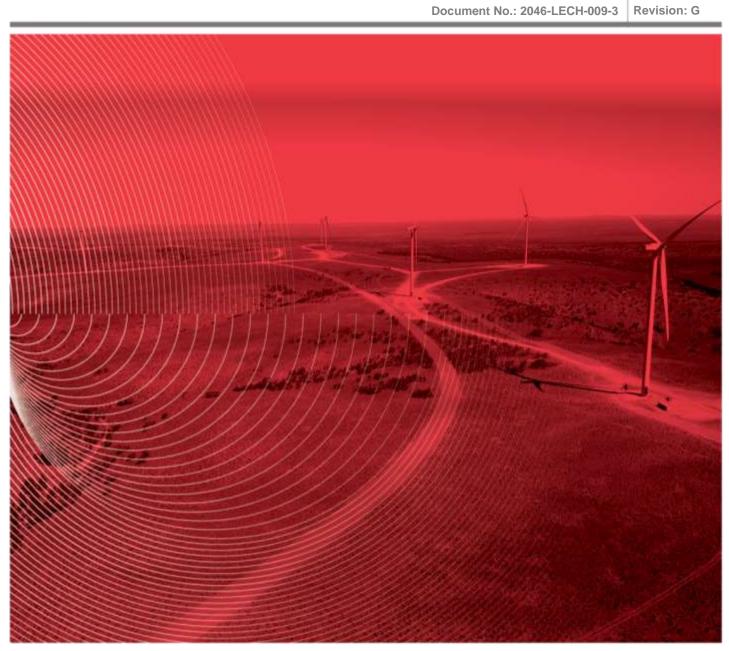




Prepared for Flyers Creek Wind Farm Pty Ltd by Nacap Pty Ltd

# **Flyers Creek Wind Farm Project**

CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN



### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







### **DOCUMENT CONTROL RECORD**

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### **REVISION HISTORY**

This table describes the primary reason for the production of each new revision after Rev 0

Date	Rev.	Reason for change

	SIGNATUR	E BLOCK	/)					
Rev. Description						pp Breary		
	G	Issued for Approval	Prepared	Reviewed	QA	Approved	Approval Date	
	G	Issued for Approval	Alex Pearce	Brian Treacy	Peter Logan	Peter Logan	19/08/21	

The first Issued for Use version of this plan will start Revision 0. Revision numbers shall use a sequential numbering system commencing at Rev. 01, 02, etc.

This document is considered uncontrolled when printed.

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ACTI	VITY	DESCRIPTION	REFERENCES
	1. GENERAL INFORM	MATION	
		The Flyers Creek Wind Farm (FCWF) is an approved 38 turbine wind farm located approximately 20 kilometres (km) south of Orange in the Blayney and Cabonne Shire local government area in Central West New South Wales.	
		Project approval was granted on 14 <sup>th</sup> March 2014 (MP 08 0252) and there have been four subsequent planning modifications approved since this date.	
1.1	Purpose	The Construction Traffic and Access Management Plan (CTAMP) has been prepared to address the requirements of:	-
		The consolidated Conditions of Approval (CoA) Modification 4 (June 2019) from the New South Wales (NSW) Department of Planning, Industry and Environment (DPIE)  All applicable legislation relevant to the construction phase of the Project and	
		<ul> <li>All applicable legislation relevant to the construction phase of the Project, and</li> <li>Mitigation and management measures listed in the Statement of Commitments (SoC) in the Flyers         Creek Wind Farm Environmental Assessment (EA) (Aurecon, 2011) and subsequent EA's prepared as         part of Modification applications.     </li> </ul>	
1.2	Conditions of Approval (CoA)	This plan and its associated management measures have been prepared to comply with the CoA:  • 21(c) Construction Traffic and Access Management Plan, and  • F15 A Road Upgrades.	Project Approval (MP 08_0252)
1.3	CEMP Structure and relationship with sub-plans	This CTAMP forms one of the FCWF CEMP sub plans. The FCWF CEMP (CoA F20) comprises three Sections:  PART A: Provides background information and the overarching systems approach to environmental management and mitigation controls for the project  PART B: Comprising Appendices in support of PART A, and  PART C: Comprising the required series of environmental management sub-plans outlined in CoA F21 including;  (a) Construction Compound and Ancillary Facilities Management Plan  (b) Construction Noise and Vibration Management Plan  (c) Construction Traffic and Access Management Plan (this Plan)  (d) Construction Soil and Water Quality Management Plan  (e) Construction Heritage Management Plan  (f) Construction Flora and Fauna Management Plan  (g) Construction Air Quality Management Plan, and  (h) Bushfire Management Plan.	Construction Environmental Management Plan
1.4	Scope	The CTAMP applies to all aspects of Traffic Management for the construction phase of the Project.  The CTAMP will inform Project Managers, Supervisors, Construction Personnel, Subcontractors and relevant stakeholders on the management of transport, construction traffic and site access during construction activities.  The CTAMP forms part of the FCWF CEMP and describes the mitigation and management measures and protocols derived for the project. The CTAMP applies only to the Construction phase of the proposed works.	-

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ACTIV	/ITY	DESCRIPTION		REFERENCES
		The objectives and targets for the FCWF Project to be access management are listed in Table 1 Objectives an	d Targets.	
		Table 1 Objective	ves and Targets Target	1
		Ensure appropriate planning for the transport of staff, materials and equipment	100% Compliance	
		Ensure appropriate controls and procedures are implemented during construction to avoid or minimise impacts on road traffic	100% Compliance	
1.5	Objectives and Targets	Ensure all personnel, subcontractors and visitors are inducted, consulted and receive regular updates and information on project environmental aspects and impacts for the duration of works.	100% completion of Inductions, Daily Pre-Start Inputs by Environment Team, and Monthly toolbox inputs by Environment Team.	-
		Ensure that personnel and subcontractors are aware of environmental hazards and risks associated with construction activities and relevant scope of work under the contract.	100% attendance recorded at SWMS workshops, and 100% Project Induction.	
		To conduct construction activities in compliance with all relevant approvals and environmental legislation.	100% compliance No regulatory infringements, including Provisional improvement notices and prosecutions.	
		Promote a positive reporting culture to minimise the occurrence and severity of environmental incidents during construction activities.	All incidents to be reported to the Project Manager within 2 hours and investigated appropriately.	
		Ensure all corrective actions are closed out by the nominated due dates.	No corrective actions outstanding past due date >7 days.	
1.5	Consultation	Transport for NSW (TfNSW), Blayney Shire Council at during the development and implementation of this P council specification and requirements.	Plan to ensure compliance with TfNSW and local	Appendix B Consultation
		Comments and feedback received during consultation appropriate.	Record	
		Details of the consultation associated with this Plan are	e available in Appendix B Consultation Record.	
1.7	Certification and Approval	The CTAMP and associated management measures req for approval by the Secretary of the DPIE at least one more as otherwise agreed by the Secretary.		Project Approval (MP 08_0252)
1.8	Distribution	A controlled hard copy of this CTAMP will be mainta office. Registered copies of this CTAMP and supporting team, the DPIE, all relevant personnel and interested to view on the Project website: <a href="https://www.flyerscreekwind">www.flyerscreekwind</a>	documentation will be distributed to the Project third parties as required. It will also be available	-
1.9	Reference Documents	The CTAMP applies to all aspects of traffic and transpinformed by the following:  Principal Project Approval Minister for Planning March 2014 and consolidated Conditions of Appropriate Project Environmental Impact Statement prepared.	g and Infrastructure No MP 08_0252 dated 14 roval dated June 2019, and	-
1.10	Community Engagement	modification environmental assessments.  The implementation of a community information and timing will assist in managing local and regional road ir events in the region, such as the Newcrest Orange Cycli will be advertised in local media and on the Project web activity. Local landholders will be provided with a speciplanned work that will disrupt property access, and materials.	mpacts on residents, commuters and community ng Challenge. Significant disruption to local roads osite prior to commencement of the construction fic induction to relevant traffic impacts, including	-







ACTIV	/ITY	DESCRIPTION		REFERENCES
		the construction sites, the	ere is not likely to be any need for pedestrian access. However, the local media	
		advertisements, and war	ning signs along public access routes advising of construction activity will	
		ensure the safe passage of	f any pedestrians or cyclists in the area.	
	2. DEFINITIONS AN	D ABBREVIATIONS		
	Z. DEFINITIONS AN	Audit	A systematic review of management systems being applied on the Project.	
		Client and or Proponent	Flyers Creek Wind Farm Pty Ltd	
		Green Zone		
		Green zone	Delineated area where PPE is optional i.e. Project Office  As defined under the Heavy Vehicle National Law (NSW), but excluding light and	
		Heavy vehicle	medium rigid trucks and buses no more than 8 tonnes and with not more than 2	
		ricavy vernicie	axles	
			Any change to the environment whether adverse or beneficial, wholly or partially	
		Impact	resulting from an organisation's environmental aspects.	
			An undesired event that results in physical harm to a person or damage to	
			property, or, any "Near Miss" incident that has the potential to cause physical	
			harm to a person or damage to environment or property.	
2.1	Definitions	Incident	Can also be defined as a set of circumstances that:	-
			Causes or threatens to cause material harm to the environment; and/	
			or	
			Breaches or exceeds the limits or performance measures/criteria of	
			the MOD 4 Project Approval.	
		Inspection	Review or check on the environment requirements being implemented.	
		Over-dimensional	Over-mass and/or over-size/length as defined by Heavy Vehicle National Law	
			(NSW).	
		Project	Flyers Creek Wind Farm Project	
			Government acts and regulations that are environment specific which prescribe	
		Regulatory	legal obligations encompassing the client and contractor and amongst other	
		Requirements	things, registration of projects and plant, certificates to operate machinery and	
		4115	undertake certain trades and notification of injuries.	
		4WD	Four-Wheel Drive	
		BOP	Balance of Plant	
		BrAC	Breath Alcohol Content	
		CBOP	Civil Balance of Plant	
		COA	Conditions of Approval	
		CEMP	Construction Environmental Management Plan	
		CTAMP	Construction Traffic and Access Management Plan	
		EA	Environmental Assessment	
		eBOP EPL	Electrical Balance of Plant  Environmental Protection License	
		FCWF	Environmental Protection Licence	
		LRG	Flyers Creek Wind Farm  National Transport Commissions' Load Restraint Guide	
		MOA	Memorandum of Authorisation	
		MRC	Maximum Rated Capacity	
2.2	Abbreviations and	NHVAS	National Heavy Vehicle Accreditation Scheme	-
	Acronyms	NSW	New South Wales	-
		OSOM	Oversize and Over mass	
		PEH	Plant, Equipment and Heavy Vehicle	
		TfNSW	Transport for NSW	
		SSD	State Significant Development	
		SWMS	Safe Work Method Statement	
		TBA	To Be Assigned	
		TCP's	Traffic Control Plans	
		TGS	Traffic Guidance Scheme	
		TMP	Traffic Management Plan	
		TSI	Turbine Supply & Install	
			Work Health and Safety	
		N M N	WOIK REGILLI GIIU SGIELV	
		WHS WLL / SWL	working load limit / safe working load	

### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







ACTIVITY	DESCRIPTION	DEEEDENCES			
3. PROJECT INFORM		REFERENCES			
3.1 Project Background and Description	1979 (NSW) (FP&A Act) to the Proponent for the Project by the NSW Planning and Assessment Commission				
3.2 Construction and Decommissioning	Commencement of construction is scheduled to take place in 2021. It is expected that the Wind Farm will operate for 30 years and will be decommissioned at the end of its operational life.  Project activities will be split into three phases:  Preparatory Works  • Building/road dilapidation surveys • Investigative drilling, excavation or salvage • Minor clearing or translocation of native vegetation • Establishing temporary site offices • Installation of environmental impact mitigation measures, fencing, enabling works, wind monitoring masts, and • Minor access roads and minor adjustments to services/utilities etc.  Wind Farm Construction • On-site civil works for internal access roads, crane hardstands, laydown areas, wind turbine foundations, cable trenches and power pole installation • Site access intersection uggrades • Transport of WTG components to the project site • Installation of WTG components to the project site • Installation of WTG components • Construction of electrical substation, switching station and operations and maintenance compound • Construction of electrical substation, switching station and operations and maintenance compound • Construction of electrical transmission lines and cable reticulation network, and • Restoration  Decommissioning • Restoration  Table 2 below provides an indicative program duration for the construction works, construction works will be undertaken (subject to approval of all documentation) concurrently in accordance with the construction schedule which is to be determined during detailed design, it is envisaged that works will be ongoing from commencement for a period of around 18 - 24 months.  Table 2 Indicative Project Program  Activity				







ACTIVITY	DESCRIPTION		REFERENCES	
	Collector Group 3 – Crane Hardstand Construction	8		
	Collector Group 3 – Turbine Foundations	15		
	Collector Group 3 – Backfill Foundation	7		
	Collector Group 3 – Cable Reticulation	Collector Group 3 – Cable Reticulation 14		
	Rehabilitation and reseeding	Rehabilitation and reseeding 4		
	33KV Overhead Line Foundations	29		
	33KV Trenching and Underground Cable Installation	25		
	132KV Overhead Line Foundations	29		
	132KV Trenching and Underground Cable Installation	19		
	Substation Bench Works	12		
	Planting and Seeding	3		
4. LEGISLATION AN	D GUIDELINES			
4.1 Legislation and Regulations	Roads Act 1993;     Work Health and Safety Act 2011 (NSW);     Road Transport (Vehicle Registration) Regulation 2007; and     Road Transport (Mass, Loading and Access) Regulation 2005.		-	
4.2 Guidelines and Standards	<ul> <li>The main guidelines, specifications and policy documents relevant to this pla</li> <li>NSW Heavy Vehicle (Mass, Dimension and Loading) National Regular RTA Vehicle Standards Information: Revision 4, November 2007;</li> <li>RTA Operating Conditions: specific permits for oversize / oversal August 2008;</li> <li>Austroad's Guide to Traffic Management;</li> <li>Austroad's Guide to Road Design;</li> <li>Austroad's Guide to Road Safety;</li> <li>Austroad's Guide to Traffic Engineering Practice, Part 2 – Roadward AUS-SPEC #2 Asset Owners Roadworks Specifications (DRC Local results of As 1742: Manual of Uniform Traffic Control Devices;</li> <li>AS 1743: Road Signs – Specifications;</li> <li>AS 2890: Parking Facilities;</li> <li>TfNSW Guide to Traffic Control at Worksites;</li> <li>TfNSW Supplements for Australian Standards;</li> <li>TfNSW Supplements for Guide to Road Design; and</li> <li>TfNSW Supplements for Guide to Road Safety.</li> </ul>	lation; mass vehicles: version of Capacity;	on 2,	

### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







ACTIVITY	DESCRIPTION		REFERENCES				
	specifically the requi	prepared to comply with the NSW Minister for Planning and Environment's direments of CoA, F21 (c) as listed in Table 3.  ruction Environmental Management Plan for the Project required under condition plement:					
		Table 3 Conditions of Approval					
	CoA	Condition	Refer to Section within This Plan				
4.3 Conditions of Approval	F15 (a)	Road Upgrades  Unless otherwise agreed by the Secretary, the Proponent must:  (a) prior to the commencement of construction, in consultation with the relevant roads authority, prepare a report with specific details of the public road works required to facilitate the safe access of construction vehicles to the site (including any oversize and/or over-mass general construction vehicles), excluding any wider works required to facilitate delivery of the over-size and over-mass wind turbine components. The report must also detail public road works and traffic management that must be undertaken during the construction phase as part of the ongoing construction works (as agreed with the relevant roads authority). Where improvements or changes to the proposed route are required as identified in the report as having to be completed prior to the commencement of construction, the Proponent must implement these to the satisfaction of the relevant roads authority, prior to the commencement of construction and at the full expense of the Proponent;  i. identification of construction traffic routes and construction traffic volumes (including heavy vehicle / spoil haulage / material	Section 7  Section 5.5				
		ii. details of vehicle movements for construction sites and site compounds including parking, dedicated vehicle turning areas, and ingress and egress points;  iii. identification of construction impacts that could result in	Section 5.5, Section 5.9, Section 5.10 Section 5.12 Section 8.15 Section 6				
		disruption of traffic, public transport (inclusive of school buses), pedestrian and cycle access, property access, including details of oversize load movements;					
		iv. details of management measures to minimise traffic impacts, including temporary road work traffic control measures, onsite vehicle queuing and parking areas and management measures to minimise peak time congestion (including on school buses), and measures to ensure safe pedestrian and cycle access;	Section 6 Section 8				
		v. a response plan which sets out a proposed response to any traffic, construction or other incident; and	Section 8.2 & Section 8.5				
5. CONSTRUCTION	ON TRAFFIC	<u> </u>					
5.1 General	Specific measures for switching and detour management plans a issued.  Roadworks and traff expected to conside	or traffic management, including final route identification, timing of transpurs, escort and pilot vehicles, site specific traffic control plans, site specific traind variable message signage, will be implemented as required when permits ic management generated during the construction and operational phases are rably impact the road network surrounding the site. Delays caused by the staghaulage vehicles are expected to be brief and infrequent.	affic are - not				
5.2 Project Hours	construction hours:  • 7:00am to  • 8:00am to	es associated with the Project shall be undertaken during the following stand o 6:00pm Mondays to Fridays o 1:00pm Saturdays, and e on Sundays or Public Holidays.	dard -				

### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







ACTIVITY					ı
	DESCRIPTION				REFERENCES
		rks outside of the standard construction hours r	oted above may be undert	aken in the	
	following circum	stances:			
	- Const	ruction works that generate noise that is:			
	Collist				
		<ul> <li>accordance with the Interim Construction</li> <li>No more than the noise management lev</li> </ul>	·		
		Construction Noise Guideline (DECC, 2009)	at other sensitive receivers	; or	
	• For th	ne delivery of materials required outside these	hours by NSW Police Ford	e or other	
		orities for safety reasons; or			
	<ul> <li>Works approved by the EPL; or</li> <li>Works as approved through the out-of-hours work protocol outlined in the Construction</li> </ul>				
	<ul> <li>Works as approved through the out-of-hours work protocol outlined in the Construction</li> <li>Noise and Vibration Management Plan under condition F21 (as) of the CoA.</li> </ul>				
	Noise	and vibration Management Plan under condition	on F21 (as) of the CoA.		
	The construction	a phase of the Broject will result in a short to	orm increase in the volum	o of traffic	
		n phase of the Project will result in a short-tone site. Traffic generating activities during the wo			
		uch as concrete agitators, prime-mover and flo		_	
		cks, mobile cranes, fuel trucks, watercarts, exca		_	
	equipment, trend	chers, concrete pumps and miscellaneous small	and large machinery.	_	
5.3 Construction					_
Vehicle Types		nd weight of the wind turbine components there	•		
	, ,	hicles. Over-size vehicles are those over 19 metre	• .	· · · · · · · · · · · · · · · · · · ·	
		ight. Over-mass vehicles are those with a gross uire special TfNSW operating permits to allow	•		
		ts for over-size over-mass vehicles would rec	•		
	accompany them		une one of more escore	vernoies to	
	. ,				
	It is estimated a	t the peak of construction there will be a total	of one hundred and eighty	(180) personnel	
		nate is inclusive of management, supervisors, di	= :		
	Project complian	t vehicles in accordance with the Contractors Lig	ht Vahicla and Safa Driving	Procedure will be	
		roject. Private vehicles shall not be authorised	=		
		private vehicle and park in a designated area ne		•	
		the site, via means of carpooling to commute ac			
	shall reduce the	number of light vehicles utilised across the pro	ject on a daily basis. The Pr	oject Manager(s)	
		ble for the designation of work vehicles to Proje	Territoria de la companya della companya della companya de la companya della comp		
	_		tion which includes carpoo	ling personnel to	
	of 104 light vehicles will be present onsite during peak construction which includes carpooling personnel to and from site, management team, supervisors and construction personnel moving between sites and other				
	incidental journeys. The average daily light vehicle movements will generally be between 40 and 9 over a				
	incidental journe	eys. The average daily light vehicle movements	will generally be between	n sites and other 40 and 9 over a	
	incidental journe prolonged period	-	will generally be between Refer to indicative summan	n sites and other 40 and 9 over a ry of light vehicle	
	incidental journe prolonged period	eys. The average daily light vehicle movements d of construction between the various parties. w in Table 3a. Note the light vehicle movement:	will generally be between Refer to indicative summar s are further summarised in	n sites and other 40 and 9 over a ry of light vehicle	
	incidental journe prolonged period	eys. The average daily light vehicle movements d of construction between the various parties.	will generally be between Refer to indicative summal s are further summarised in Daily Estimated Light	n sites and other 40 and 9 over a ry of light vehicle	
	incidental journe prolonged period	eys. The average daily light vehicle movements d of construction between the various parties. we in Table 3a. Note the light vehicle movement.  Construction Traffic Generation	will generally be between Refer to indicative summals are further summarised in Daily Estimated Light vehicles	n sites and other 40 and 9 over a ry of light vehicle	
	incidental journe prolonged period	eys. The average daily light vehicle movements d of construction between the various parties. w in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021	will generally be between Refer to indicative summals are further summarised in  Daily Estimated Light vehicles 7	n sites and other 40 and 9 over a ry of light vehicle	
	incidental journe prolonged period	eys. The average daily light vehicle movements d of construction between the various parties. It is in Table 3a. Note the light vehicle movement Construction Traffic Generation  Month 1 (nominally September 2021 Month 2	will generally be between Refer to indicative summar sare further summarised in Daily Estimated Light vehicles 7 16	n sites and other 40 and 9 over a ry of light vehicle	
5.4 Construction	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement of Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3	will generally be between Refer to indicative summars are further summarised in Daily Estimated Light vehicles  7  16 22	n sites and other 40 and 9 over a ry of light vehicle	Appendix C
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement of Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4	will generally be between Refer to indicative summars are further summarised in Daily Estimated Light vehicles  7  16 22 22	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5	will generally be between Refer to indicative summars are further summarised in Daily Estimated Light vehicles  7  16 22 22 31	n sites and other 40 and 9 over a ry of light vehicle	1 ' '
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6	will generally be between Refer to indicative summars are further summarised in Daily Estimated Light vehicles  7  16 22 22 31 43	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5	will generally be between Refer to indicative summars are further summarised in Daily Estimated Light vehicles  7  16 22 22 31	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7	will generally be between Refer to indicative summars are further summarised in Daily Estimated Light vehicles  7  16 22 22 31 43 59	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8	will generally be between Refer to indicative summars are further summarised in Daily Estimated Light vehicles  7  16 22 22 31 43 59 68	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9	will generally be between Refer to indicative summar sare further summarised in Daily Estimated Light vehicles  7  16 22 22 31 43 59 68 67	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10	will generally be between Refer to indicative summars are further summarised in the same further same fur	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 10	will generally be between Refer to indicative summar sare further summarised in the same further same fur	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 12  Month 13  Month 13  Month 14	will generally be between Refer to indicative summar sare further summarised in the same further same fur	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 12  Month 13  Month 13  Month 14  Month 15	will generally be between Refer to indicative summar sare further summarised in balance further summarised in the balance further summarised i	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 13  Month 14  Month 13  Month 14  Month 15  Month 15  Month 16	will generally be between Refer to indicative summar sare further summarised in the same further same fur	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 13  Month 14  Month 15  Month 15  Month 16  Month 15  Month 16  Month 17	will generally be between Refer to indicative summar sare further summarised in the property of the property o	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 13  Month 14  Month 15  Month 15  Month 16  Month 17  Month 16  Month 17  Month 17	will generally be between Refer to indicative summar sare further summarised in the same further same fur	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 13  Month 14  Month 15  Month 15  Month 17  Month 18  Month 17  Month 18  Month 19	will generally be between Refer to indicative summar are further summarised in balance further summarised in the control of th	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement. It is in Table 3a. Note the light vehicle movement. It is in Table 3a. Note the light vehicle movement. It is in Table 3a. Note the light vehicle movement. It is in Table 3a. Note the light vehicle movement. It is in Table 3a. Note 1 and	will generally be between Refer to indicative summar sare further summarised in the same further same fur	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 13  Month 14  Month 15  Month 15  Month 17  Month 18  Month 17  Month 18  Month 19	will generally be between Refer to indicative summar sare further summarised in the same further same fur	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road
Personnel and	incidental journe prolonged period	eys. The average daily light vehicle movements of of construction between the various parties. It is in Table 3a. Note the light vehicle movement.  Construction Traffic Generation  Month 1 (nominally September 2021  Month 2  Month 3  Month 4  Month 5  Month 6  Month 7  Month 8  Month 9  Month 10  Month 11  Month 12  Month 13  Month 14  Month 15  Month 15  Month 18  Month 16  Month 17  Month 18  Month 19  Month 19  Month 19  Month 19  Month 20  Month 20  Month 21	will generally be between Refer to indicative summar are further summarised in the same further same	n sites and other 40 and 9 over a ry of light vehicle	Blayney Shire Road

### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







ACTI\	/ITY	DESCRIPTION				REFERENCES
		Best practice and daily pre-start m	eetings. Open discu		to the crews through inductions and at the toolbox meetings to gain feedback from an apport management.	he
		in a staggered fa	•	e numbers of vehicle moveme	rent contractors crews commencing wo ents will be spread across the site and r	
				e on a daily basis via the follow to Appendix C Blayney Shire F	wing routes listed in Table 4 as the close Road Map.	est
			Table 4 P	roposed Transportation Route	es of Personnel	
			Origin	Road Network		
			Orange	Forest Road Forest Reefs Road Orchard Road Cadia Road Errowanbang Road		
			Millthorpe	Forest Reefs Road Millthorpe Road Carcoar Tallwood Mill Roa Errowanbang Road Tallwood Beneree Road Gap Road Mid-Western Highway Carcoar Errowanbang Roa		
			Blayney	Mid-Western Highway Errowanbang Road Blayney Browns Creek Rd Gap Rd		
		table 5 below. 1	These averaged figu	ires are based on anticipated	ig construction materials to site is shown daily movement of vehicles during pene expected outside the peak construction	eak
			Construction Tra		Daily Estimated Trips	
			Limb+ Vahialaa		(Peak Construction)	
			'	farm components including	200 15	
			(heavy and over-s		50	
			Delivering steel re		4	
				road base (Quarry)	35	
			Cabling delivery		5	
			Delivery of water Miscellaneous de		25 15	
		Mid-Western Hig more of the follo - - -	ghway / Errowanbar wing: Increase carpooling Provide a bus for tra Encourage use of al			
5.5	Proposed Delivery Routes – Construction Materials	closest commercial gravel/road base foundation constitution constitution concrete will be see F21 (a) Constitution constit	cial centres to the second construction of truction and cabling produced in a batch struction Compound	site. The major construction rof site access roads, concrete for the transmission lines.  Sing plant at the onsite compode & Ancillary Facilities Manage	Orange, Bathurst and Blayney as the materials to be transported include , steel reinforcement deliveries for und located off Errowanbang Road (pleatement Plan. Concrete materials includible transported to site in semi-trailers	ing

### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







A CTIVITY	DESCRIPTION	DEFEDENCES
ACTIVITY	Cadia Road, Mid-Western Highway, Errowanbang Road and Gap Road. Potable water may be sourced locally, from the Blayney Shire and transported to site by semi-trailers in 20 – 30 tonne loads. Non-potable water for other construction purposes may be sourced onsite or on adjacent properties (subject to agreement from relevant landowners), including from farm dams.  Steel and cement will most likely be sourced from Sydney. Deliveries from Sydney would be via the Great Western Highway and Mid-Western Highway. The route is approximately 390km in length.  Onsite materials handling will be minimised by deliveries straight to relevant work areas.  The Supervisor shall coordinate further onsite transportation and monitor the performance of transport drivers relative to this Plan.  Project deliveries to the work sites will occur throughout the working day. Project delivery drivers will be instructed to use dedicated routes and access points.  The proposed routes and access routes for deliveries of materials to site will utilise the arterial road network wherever possible.  All transport shall be fit for purpose, roadworthy and legal for use. Vehicles shall only be used for the designed purpose and load rating. Vehicles for transporting personnel shall be fitted with appropriate safety systems and only loaded within the intended design rating.  All persons driving on site shall hold a current driving license for the type of vehicle they are driving.	REFERENCES
5.6 Trailers	Prior to towing, Project inducted drivers shall view the trailer training procedure video, available on the OHS Portal (portal.nacap.com.au) under Safe Operation Videos.  Drivers shall also ensure that:  The trailer is securely coupled to the towing vehicle and that safety chains are securely fastened Safety chains must be checked for any apparent wear or damage The trailer is loaded within the legal limits and the load is properly restrained Where fitted, the parking brake is released and reversing brake lockout lever disengaged Load mass does not exceed rated load weight of trailer Lights are functioning correctly Tyre pressures are correct, and Jockey wheel is fitted and functioning correctly.	-
5.7 Mobilisation of Plant and Equipment	All equipment requiring delivery will be delivered directly to Site.  The mobilisation of plant, equipment and heavy vehicles shall be dependent on the activities and associated resource requirements. Stores, workshops, equipment and consumables shall be transported to site predominantly in shipping containers.	-
5.8 Load Restraint	Motor vehicles are designed with a specific maximum carrying capacity. In the case of light vehicles, this is usually found on the doors of the vehicle. Drivers must ensure that they do not exceed the carrying capacity of the vehicle as this will impact on the safety of the vehicle.  Carrying capacity includes the weight of the driver, passengers, tools / equipment and the vehicle body. This can be checked by weighing (or estimating the weight of) the fully loaded vehicle and ensuring that the total weight does not exceed the Gross Vehicle Mass (GVM).  An improperly loaded vehicle is a safety hazard. Drivers are responsible for ensuring that their load:  Is carried in a cargo area and not carried on a vehicle seat  Does not exceed the legal payload of the vehicle or trailer  Is positioned in a manner that does not affect the vehicle's balance or stability, thereby reducing its steering and braking performance  Is properly restrained so that it does not move under all driving conditions, including emergency braking  Does not become dislodged and fall from the vehicle or trailer.  Highly elastic systems such as (but not limited to) octopus straps and cargo nets are NOT acceptable methods of load restraint, and  Any projecting loads (longer, wider or higher than the vehicle which is carrying it) must:  Not present a hazard to other road users  Be obvious for a vehicle immediately following that the load is projecting  Not extend past the front of a vehicle by more than 1.2 metres, and  Not extend past the rear of a vehicle by more than 1.2 metres unless a warning device is attached to the rear of the load (a 300mm x 300mm red and yellow flag during the day, or a red light at night).	-







ACTIV	/ITY	DESCRIPTION	REFERENCES
5.9	Site Office and Laydown Area	The principal construction site office and laydown area will be located off Errowanbang Road on the western side of the road to the south of Halls Road. Refer to Appendix A Project Layout.  This facility will serve for the following functions:  Office space for the contractor and Client personnel and subcontractors; and  Laydown for the safe storage of plant, light & heavy vehicles, equipment and temporary construction materials.  The office and laydown will be established prior to the commencement of the construction activities.	Appendix A Project Layout
5.10	Speed Limits	The following speed limits will apply where the posted speed limit is higher or there is no posted speed limit:  • Maximum travel speed of 80km/h on unsealed roads • Maximum travel speed of 40km/h on constructed access roads and access tracks. • Maximum travel speed of 10km/h in construction zones within 50m of personnel, and • Maximum travel speed of 10km/h within workshop areas, office, car park and laydown areas.  Drivers shall ensure they drive at lower speeds appropriate to the road and weather conditions regardless of maximum speed limit, where necessary.  Drivers are also required to be aware of the possibility for roaming livestock and fauna travelling on the site and to and from site, particularly at dusk and dawn.  Temporary Speed Zones will be implemented during road works to assist in controlling the speed of traffic through the roadwork site.	-
5.11	Signage	All appropriate signage will be installed for the direction of construction-related traffic and the safety of landowners, third parties and pedestrians. Temporary and permanent signage on site should be positioned for maximum visibility to inform operators of speed restrictions, warnings and other critical traffic information for the area. Signage outside the Project site during construction must be in accordance with the specifications under AS 1742.3:2009 Manual of Uniform Traffic Control Devices. All signage should be made of durable material to withstand deterioration in visibility and condition, and mounted to endure adverse weather events. They must not restrict the drivers' line of vision, particularly on approach to intersections, and must not be obscured by trees, equipment, parked vehicles or plant, or other road signage.  Portable variable messaging boards may be deployed during the works to inform motorists of any significant changes to the road network.  Signage no longer applicable to a Project area must be promptly removed.	AS 1742.3:2009 Manual of Uniform Traffic Control Devices
5.12	Traffic Control Plans	Site specific Traffic Control Plans (TCPs) will be developed by an accredited and registered Traffic Control organisation detailing the location of signage at each respective works location. TCPs will be prepared prior to works being undertaken. TCPs will implement specific controls that have been identified in this CTAMP, the CEMP, and any associated control plans. TCPs will specify the description, position, quantity, applicability, behaviour, and methodology of actions on the road network (on and off-site), including speed limit alterations, road signage, junction upgrades, behaviour of drivers, control mechanisms and reporting.	-
5.13	Road Occupancy Licence and S138 Approval	The Project will ensure that when required, Road Occupancy Licences and S138 approvals are obtained from both local Council and TfNSW prior to any works commencing on the relevant roads.  Road occupancy licences, S138 approvals, road opening permits, escort permits (as required) will be sought for road works, intersection upgrades and the transport of over-dimensional loads from:  TfNSW and TfNSW Traffic Centre – Road occupancy license & S138 approval  NSW Police Blayney Shire Council Cabonne Shire Council Cowra Shire Council Hilltops Council Newcastle City Council, and Mid-Western Council.	-

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ACTI	VITY	DESCRIPTION	REFERENCES
	6. ROAD NETWORK		
6.1	Existing Conditions	A dilapidation survey required by CoA F16 will be undertaken jointly by the contractor and both Blayney Shire and Cabonne Shire Councils which shall include a survey of the existing road condition. The report will assess the current condition of the road(s) and describe mechanisms to restore any damage that may result due to traffic and transport related to the construction of the Project. A copy of the Dilapidation Report will be submitted to the relevant authority for review prior to the commencement of construction and haulage operations.  The Road Dilapidation Report shall be lodged under its own condition prior to the commencement of construction.  The Project has commissioned a transport provider to identify the proposed transport routes for all wind turbine generator (WTG) equipment from the Port of Newcastle (or Port Kembla) to FCWF. Temporary road modification works and or bridge strengthening will be confirmed by the licenced transport contractor as part of the transport route assessment based on specific vehicles to be used to satisfy condition F15 (b) of the conditions of approval. Consultation on this plan will be carried out separately to this CTAMP.	Road Dilapidation Report
6.2	Public Road Network	<ul> <li>The following is considered relevant to the assessment of potential impacts as a result of the traffic which would be generated by the Project:</li> <li>Potential impacts to general road safety will include additional vehicle movements, large vehicle movements, congestion with other road users, and the identification of areas which may require special consideration for upgrades. Measures will be incorporated to ensure the safety of all road users for the movement of large and/or heavy infrastructure</li> <li>The construction phase of the Project will see an increase in the volume of traffic on load roads. Movement of construction staff to and from the site on a daily basis will also temporarily increase the traffic volumes on local roads</li> <li>Requirements including the movement of over-size over dimensional vehicles during selected hours will assist in reducing the impact of construction traffic on the regional road network</li> <li>Short-term disruptions of property access for local residences, school zones and bus stops.</li> <li>Based on the rural location of the construction sites, there is limited need for pedestrian or cyclist access, and</li> <li>The Project will work with Council to provide satisfactory measures to protect local road infrastructure and safety during the movement of over-size over dimensional vehicles.</li> </ul>	-
6.3	Commercial and Residential Property Access	All existing commercial or residential properties access as these will be retained during the construction period.	-
	7. PROPOSED COND	DITIONS	
7.1	Wind Farm Site Access Locations	Direct access to the project site for all vehicles including over-dimensional vehicles shall primarily be via the following road networks, each site access location requires upgrade works to be undertaken at the commencement of construction:   • Blayney Shire Council  • Errowanbang Road – WTG 1 to 8  • Errowanbang Road – WTG 13 to 23  • Errowanbang Road – WTG 33 to 38  • Errowanbang Road – Construction Site Office Location  • Gap Road – WTG 24 to 27  • Gap Road – WTG 9  • Halls Road – WTG 10 to 12  • Halls Road – WTG 28 to 32  • Cadia Road – State forest access points  • Cabonne Shire Council  • Cadia Road – Switching Station Site  • Cadia Road – State forest access points to 132kV power line and switching station	Appendix A Project Layout

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### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







ACTIVI	ТҮ	DESCRIPTION			REFERENCES	
		with Section 7.1 Wind Farm Site Access to the Project site.	ess Locations above. T	lines, tree trimming and construction of new site a he road upgrades will be designed to allow transpor cts on highway traffic and facilitate cost effective co	t of WTG componen	
			Tab	le 6 Road Upgrades		
		Road / Intersection	Length	Description	Timing	
7.2	Road Upgrades	Halls Road	Approximately 2,600km	Halls Road will require an upgrade to allow over size over mass access to this area of the wind farm. Preliminary specification may include a 150mm base course of PI of 9%, 5.5m wide, with 2% cross fall. A detailed survey of the existing alignment will be required to begin the design of the upgrade and identify which areas will require localised widening for over dimensional access. Some geotechnical investigation will also need to be completed to gauge the condition of in situ material, to determine if the assumed pavement design is appropriate. Particularly in areas of widening, and where the design alignment is required to be deviated from the existing alignment, thicker pavements will potentially be required. It is highly likely that vegetation will need to be removed along the sides of Halls Road to allow for the required upgrade, and to allow for over dimensional access.	During Construction	
		Gap Road	Various	and to allow for over dimensional access.  It is highly likely that vegetation will need to be trimmed along the sides of Halls Road to allow for OSOM deliveries	During Construction	
		Intersection – Mid Western Highway and Errowanbang Road	Intersection	A moderate amount of hardstand will need added to the outside of the turn.	During Construction	
		Intersection – Errowanbang Road and Gap Road	Intersection	Hardstand required on the inside of the	During	
		Intersection – Gap Road and Halls Road	Intersection	corner and signage to be relocated.  Hardstand will be required on the inside and outside of this turn. Some vegetation will need to be removed.	Construction During Construction	
	Internal Access Roads	network, these roads will be constru- within the project area. In some of landowner access tracks and in other Access roads will be constructed to from access points, access parame dimensional vehicles, turbine proxim	ucted to provide acce ases, the site road r is constructing new tra a width of 5.5 m. The eters including grade ity and accessibility, co	Id require the construction of an internal site road ess for the wind turbines and other infrastructure network works would involve upgrading existing acks.  It design of access roads has considered sight lines e and alignment restrictions for oversize, overonsultation with land owners, site topography, and ina, and heritage (Refer Report prepared under	Appendix A Project Layout	
8.	RISK MANAGEME	ENT AND COMPLIANCE				
8.1	Risk Management	vehicles, transport and traffic manag contractors and third parties on site, Project inductions and task level safe and controls required for mobile plan	ement for the project as an essential part o e work method staten at and personnel inter	essments of which include the use of site including its own vehicles and those of subfit he project risk management framework.  Inent (SWMS) shall detail the use of vehicles face risk.  In accordance with project change management	Project Hazard Identification Register	
	Emergency Response	requirements.  If the situation arises that there is a t the Emergency Response Plan shall b	raffic incident or accic e followed.	lent at the site, the process described within	Emergency Response Plan	
		All Work crews shall have access to the Emergency Response Plan for reference in the event of an emergency.				
.3 (	Emergency and	l _,     .     .		al Bushfire Service will be informed in a		







ACTIV	/ITY	DESCRIPTION	REFERENCES
ACII		timely manner of relevant construction activities. Regular updates will be provided to emergency services, including changes to traffic control (short term lane closures, stop / slow), changes to road conditions and worksite access locations, through emails and face to face discussions.  Traffic will be maintained along existing public roads under traffic control throughout construction of site	HEI ENEIGES
		accesses.  Compliance to this plan shall be monitored through audit and assurance activities led by the Project safety department. The effectiveness of the requirements for managing safe traffic movements on the	
		Project shall be evaluated for continual improvement. Non-compliance to this Plan shall be recorded and reported by the discipline Project Manager with implementation of corrective actions and review as required.	
8.4	Compliance and Monitoring	This CTAMP is a live document and may be revised if significant enhancements are identified that will improve the effectiveness of traffic management at the Project site. The Project management team will remain vigilant for any traffic problem areas that may arise during the construction period.	-
		The following monitoring will also be implemented:	
		<ul> <li>All signage will be inspected weekly for cleanliness and sureness of mounting</li> <li>Deterioration of site roads will be monitored daily and significant deterioration will be rectified as soon as is practical</li> <li>Visual inspections of controls are to be undertaken at least once per week, and</li> </ul>	
		<ul> <li>Visual inspections will be undertaken after significant rain or adverse weather events.</li> </ul>	
		Should there be a formal complaint, the details shall be entered into the Project Complaints Register for monitoring of appropriate close-out and resolution. The Proponents representative will be notified within 2 hours of receiving a complaint.	
		The following details will be recorded and provided to the Proponents Representative:	
		Name, address and contact details of the complainant;	
8.5	Complaints	Details of the complaint; and	-
		Corrective actions  As incident and only the approximation of the Corrective Core (Wind Form Physical Archive) and the Core (Core (Wind Form Physical Archive)).	
		An incident report where required will be provided to Flyers Creek Wind Farm Pty Ltd within 24 hours.  Complaints from the broader community will also be referred to Flyers Creek Wind Farm Pty Ltd or advised to	
		lodge details via the online Project Complaints Management System. In this regard, the broader community is defined as individuals or organisations not directly affected by the construction process undertaken by the Project.	
		The following minimum communication and safety equipment will be carried in project vehicles:	
		Vehicle is 4WD (Diesel vehicles only)	
8.6	Minimum	Reverse beacon	
0.0	Communication	<ul> <li>Flashing beacon</li> <li>In-vehicle monitoring system</li> </ul>	
	and Safety	Project two-way radio	-
	Equipment	<ul> <li>Spare tyre</li> <li>First aid kit</li> </ul>	
		Snake bite kit, and	
		Sufficient water for all vehicle occupants.	
8.7	Journey Management	Journey management is a controlled, administrative procedure with a call-in protocol to monitor a specific journey from commencement to arrival. Fatigue shall be managed to ensure that drivers are well rested prior to undertaking a journey and regular breaks are taken for longer journeys i.e. 15 minutes every 2	-
		hours.	
8.8	Prohibited and illicit	All persons engaged on the project must complete a pre-employment medical drug screening.	_
	substances	Persons driving Project vehicles must be 0.00% BrAC at all times.	
8.9	Smoking	Smoking is not permitted in Project vehicles.	-
		The use of communications equipment in Project vehicles whilst driving is only permitted as follows:	
8.10		2-way radios inbuilt into the vehicle, and	
	Communication Equipment	Mobile telephones installed into a compliant hands free kit where permitted by law.	-
		The vehicle shall be stopped when the driver is using any other form of communication device.	
		I .	







ACTIV	/ITY	DESCRIPTION	REFERENCES
8.11	Pedestrians and Mobile Plant Interface	All pedestrian walkways around permanent or temporary buildings will be signposted and demarcated using para-webbing, mesh or bunting. When moving into operational areas, eye contact and/or positive radio communication must be established with plant operators, with acknowledgement received prior to entering.  The site offices area shall function as a green zone however full PPE, including high visibility clothing, will be required when accessing the Project site outside this area.	-
8.12	Mobile Plant Interaction	When approaching mobile powered plant in operation, drivers are to stop and establish positive communication, that is await a signal from the plant operator that they are aware of you and they indicate by hand signal or radio that it is safe to pass.  Drivers of light vehicles must give way to all mobile plant in construction areas, where mobile plant shall otherwise maintain right of way.	-
8.13	Amber Beacon Lamp Usage	Amber rotating beacon lamps shall be turned on at all times whilst driving on the Project site and shall be off at all other times other than in an emergency situation as a static warning device or when required for use as an escort vehicle as prescribed by law.	-
8.14	Driving on unsealed roads and access tracks	4WD mode must be engaged at all times when travelling on unsealed roads or off-road.  Vehicles must at all times keep on the designated site roads where established. Off road driving is not permitted other than in emergency situations, or if no roads have been established. Vehicles must not be parked so as to block access roads or tracks.	-
		Parking on the Project is to occur in designated parking areas only, with the main car park located adjacent to the main site office area. Additional parking locations will be established on site as required. Vehicles are to be reverse-parked only to minimise potential for interaction with people, infrastructure and other. Parking at specific work locations shall only be permitted if parked in a manner which does not obstruct access or work activities. The number of vehicles required at work fronts is to be kept to a minimum via carpooling and limited to those containing tools and equipment required for the day's tasks.	
8.15	Parking	Heavy vehicles will deliver to the main compound, which will have dedicated parking and turning movement areas or directly to each WTG location, where hardstand areas will be utilised for parking and turning.  Handbrakes must be applied at all times whilst the vehicle is stationary. Parking on a gradient should be avoided where practicable. Where parked on a gradient, vehicles must park across the gradient.  During the construction period, all 'non-authorised" vehicles shall be parked in a designated area at the main office location. Designated areas for the standing of trucks and parking will be provided within site during construction.	-
8.16	Reversing	Vehicles and plant shall maintain a forward motion wherever possible when travelling around the Project site. In the event this is not possible for heavy vehicles and other mobile plant and reversing is required, a risk based approach will be applied for the plant until such time as it is able to resume forward motion. All vehicles and other mobile plant must have reversing alarms activated at all times whilst on site.	-
8.17	Dust Control	All operators must use vehicles and plant in a manner that minimises dust generation on the site, including using designated roads wherever possible and observing speed restrictions at all times. In dusty conditions, drivers shall not proceed when visibility is such that they cannot proceed safely.  In heavy dust conditions drivers, must pull over and stop until dusts clears. This includes dust generated by oncoming traffic and traffic being followed.  As the primary means for managing dust on site, a water cart will be engaged to water access roads and other areas on the Project site known to produce excessive dust.	-
8.18	Biosecurity	All vehicles and plant to be operated on site shall be thoroughly washed or cleaned to remove all soil, mud and plant material that may pose a weed hygiene risk to the Project site, prior to commencing any work. Upon arrival at site the vehicle or plant shall be visually inspected by a nominated Project representative who will complete a Weed Hygiene Inspection Form. Compliant vehicles will be provided with a windscreen sticker to display and a copy of the completed Weed Hygiene Inspection Form to retain within the vehicle or plant at all times for demonstration of biosecurity compliance. Any vehicles or plant deemed non-compliant during this inspection will be required to be cleaned and re- inspected before being permitted to access the Project site. Should the vehicle or plant be used outside of sealed roads, Project access roads and the Project site, a washdown and new hygiene inspection must occur prior to re-entry to site.  Note: Delivery trucks will not be subject to the Project's weed hygiene inspection process unless triggered through a risk assessment following travel on to vegetated areas, or as recommended by Project personnel following vehicle observation. For further details on the management of biosecurity for the Project, please refer to the Construction Environmental Management Plan (2046-LECH-001-2).	Construction Environmental Management Plan

### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







ACTI	VITY	DESCRIPTION	REFERENCES
	9. COMMUNICATIO	N	
9.1	Internal Communications	The following internal communication forums will occur during the execution of works:  Inductions SWMS Workshops Daily Pre-start meetings Regular toolbox meetings (project workforce), and Weekly construction management team meetings.	
9.2	External and Third- Party Communications	Regular communication with stakeholders/landowners will be undertaken during construction activities. All s landholder issues not readily resolved by construction personnel shall be directed to the Supervisor who was Manager.	_
9.3	Media Protocol	If any Project personnel have any contact with a media representative, they will:  Respond in a polite and courteous manner, and Inform the media representative that they are not the authorised spokesperson and provide contact Creek Wind Farm Project spokesperson or media contact.	it details of the Flyers

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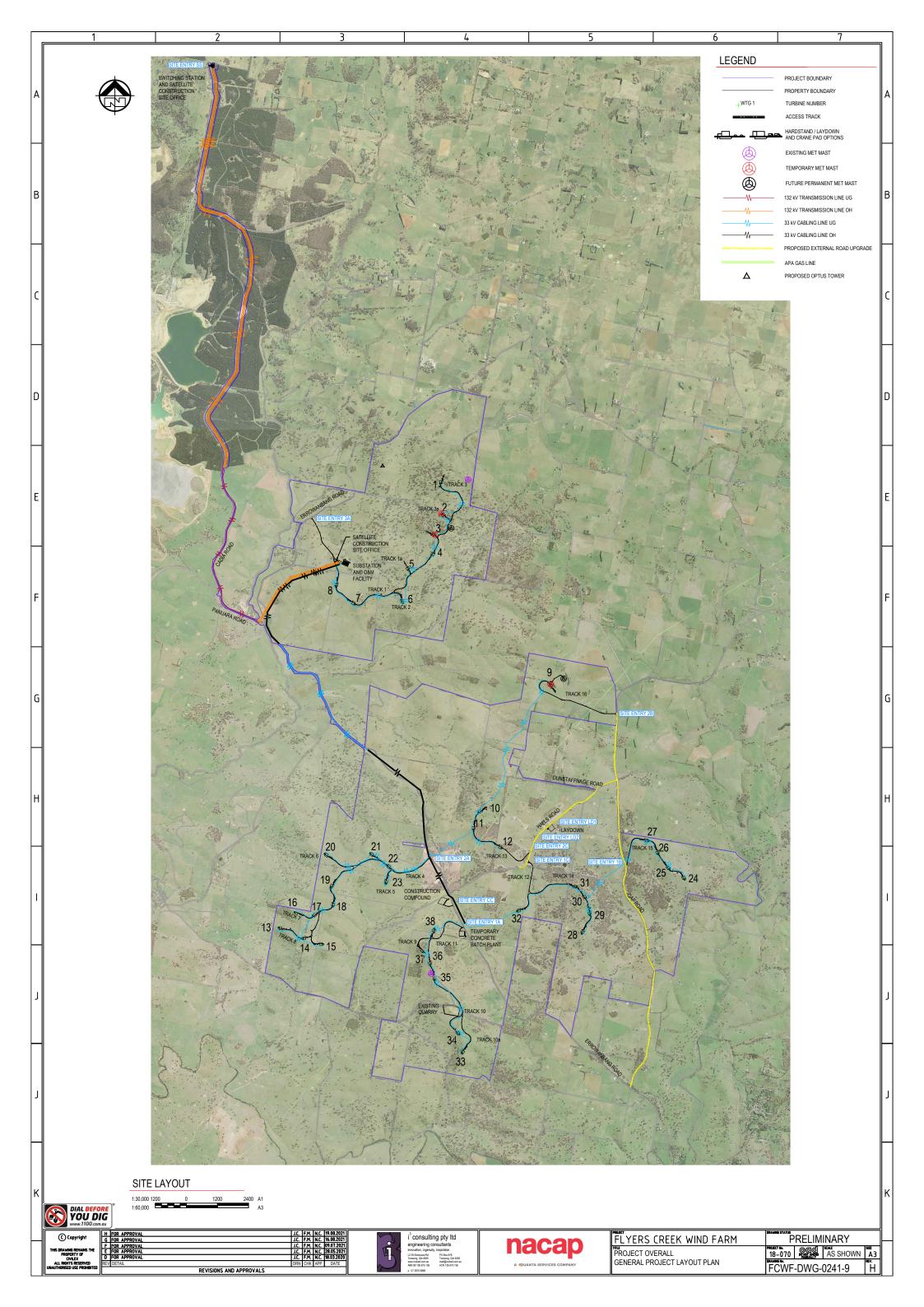






APPENDIX A – PROJECT LAYOUT

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### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







### APPENDIX B - CONSULTATION RECORD

Date	Consultation	Comments
22 <sup>nd</sup> January 2020	Blayney Shire Council	Preliminary review of site access point designs undertaken with the Blayney Shire Engineer     Site visit undertaken to review proposed site access points     Site visit undertaken to review cable route along Cadia and Errowanbang Road, and
		4. Site visit undertaken along Halls Road.
23 <sup>rd</sup> April 2020	Blayney Shire Council	Consultee comments received from Blayney Shire Council. Blayney Shire had no comments on the CTAMP, however noted the requirement to develop detailed TCP's at a later stage.
6 <sup>th</sup> April 2020	Cabonne Shire Council	Consultee comments received from Cabonne Shire Council. Cabonne Shire had no comments.
31 <sup>st</sup> August 2020	Transport for NSW (TfNSW)	Consultee comments received from TfNSW– Refer overleaf for consultation record.
28 <sup>th</sup> September 2020	Department of Planning, Industry and Environment NSW	<ol> <li>References to RMS to be updated to TfNSW         <ul> <li>a. Completed.</li> </ul> </li> <li>Update section 3.2 Project Activities with timing against each phase         <ul> <li>a. Completed</li> </ul> </li> <li>Appendix A – update figure labels with improved legibility         <ul> <li>a. Please use zoom in function in pdf for improved legibility. This can also be printed at A3 or larger for improved legibility.</li> </ul> </li> <li>Appendix B – have TfNSW's comments been addressed? Please provide evidence that TfNSW have reviewed the changes and are satisfied.         <ul> <li>a. Please see correspondence below and relevant</li> </ul> </li> </ol>
4 <sup>th</sup> June 2021	Transport for NSW (TfNSW)	additional amends in final CTAMP.  Consultee correspondence (SF2012/040962; WST11/00006/15) received from TfNSW – Refer overleaf for consultation record.
10 <sup>th</sup> August 2021	Department of Planning, Industry and Environment NSW	Please provide the following additional information in relation to:  Status of condition F15.
		a. An assessment of the proposed transport routes for all
		heavy and over-dimensional vehicle access to and from
		the site has been undertaken and consultation on this
		has commenced with the relevant road authorities to
		reach agreement. Once agreement has been reached
		this information will be provided to DPIE for information.
		<ul> <li>Requirements of condition F15A, with reference to specific consultation and agreement where required with the roads authorities. In particular, it is unclear whether consultation with the local Councils specifically covered F15A, as (a) it is not clear whether all routes have been agreed under condition F15, (b) full details of the original referrals are not provided to determine if the roads authorities were providing comment on the relevant requirements under condition F15A or just the CTAMP generally, and (c) consultation from Blayney Shire Council envisages consultation on a more detailed TCPs.         <ol> <li>Consultation with the Councils was carried out on this CTAMP in April 2020. The CTAMP included clear information that Condition F15A is covered in the CTAMP and that information is included in Section 7 of the CTAMP. The correspondence with Councils is included in Appendix B of the CTAMP. FCWF has subsequently provided key contact details at both Councils to DPIE so that they can contact the Council's directly for any additional confirmation they require.</li> </ol> </li> </ul>
		Availability of site plans to demonstrate compliance with condition  F21(c)(ii)
		F21(c)(ii)
		a. The Site Layout Plan provided in Appendix A shows site compounds (where parking will be contained within),

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### CONSTRUCTION TRAFFIC AND ACCESS MANAGEMENT PLAN







dedicated turning areas on access tracks and main site ingress and egress points. Management measures/controls for the identified impacts to the public road network in section 6.2 of the CTAMP. It is unclear how these CTAMP closes out these matters. a. Management measures and controls for each of the identified impacts are addressed in the following sections of the Plan; 5.2 Project Hours, 5.4 Construction Personnel and Traffic Logistics, 5.12 Traffic Control Plans, 5.13 Road Occupancy Licence and S138 Approvals, 6.1 Existing Conditions, 6.3 Commercial and Residential Property Access, 8.1 Risk Management and 8.4 Compliance and Monitoring. Assignment of roles and responsibilities for requirements of the plan, and for associated construction traffic tasks such as carrying out of condition F17. Roles and responsibilities are defined in Section 6 of the overarching CEMP (approved) Condition F17 states that the Proponent shall repair all damage to sealed roads during construction. The Proponent may direct its contractor to undertake these works should they occur, however the Proponent is ultimately responsible.

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From: <u>Mark Dicker</u>
To: <u>Megan Richardson</u>

**Subject:** [EXTERNAL] FW: Flyers Creek - Management Plans

**Date:** Thursday, 23 April 2020 5:04:51 PM

Attachments: <u>image001.jpg</u>

image002.jpg image003.png image004.png image005.png

Hi Megan,

Nathan comments below

Thanks Mark

Mark Dicker

Director Planning and Environmental Services Blayney Shire Council

From: Nathan Skelly < NSkelly@blayney.nsw.gov.au>

Sent: Thursday, 23 April 2020 4:27 PM

**To:** Mark Dicker <MDicker@blayney.nsw.gov.au>; Grant Baker <GBaker@blayney.nsw.gov.au>;

Daniel Drum < DDrum@blayney.nsw.gov.au>; Benjamin Prestwidge

<BPrestwidge@blayney.nsw.gov.au>

Subject: RE: Flyers Creek - Management Plans

I've got no real comments on the traffic management plan. I believe it is adequate as a draft.

The will obviously need to develop detailed TCP's for it, but that will come at a later stage no doubt.

Nathan Skelly

Manager Operations Blayney Shire Council

From: Mark Dicker < MDicker@blayney.nsw.gov.au >

Sent: Thursday, 23 April 2020 3:29 PM

To: Grant Baker <GBaker@blaynev.nsw.gov.au>; Daniel Drum <DDrum@blaynev.nsw.gov.au>;

Benjamin Prestwidge < <a href="mailto:BPrestwidge@blayney.nsw.gov.au">BPrestwidge@blayney.nsw.gov.au</a>>; Nathan Skelly

<NSkelly@blayney.nsw.gov.au>

Subject: RE: Flyers Creek - Management Plans

Hi All,

Further to previous email, I just spoke to Megan.

Infigen really want our comments on the attached.

Megan has asked even though we are over the requested date, if comments or even a no comment email can be sent to Megan advising by next Friday 2 May 2020

From: **Tony Weekes** Megan Richardson To:

Subject: [EXTERNAL] RE: Flyers Creek Wind Farm, Condition F21 (c): Construction Traffic & Access Management

Monday, 6 April 2020 2:44:20 PM Date:

Attachments: image009.png

image010.png image011.png

Hi Megan,

All looks fine.

### Regards

Tony Weekes Operations Manager Roads & Tony.Weekes@cabonne.nsw.gov.au (02) 6390 7155 0407300279



Cabonne Council PO Box 17

Molong NSW 2866 Switch:(02) 6390 7100 Fax: (02) 6392 3260

Council@cabonne.nsw.gov.au www.cabonne.nsw.gov.au



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From: Megan Richardson < Megan. Richardson@infigenenergy.com >

Sent: Monday, 6 April 2020 2:19 PM

To: Heather Nicholls <Heather.Nicholls@cabonne.nsw.gov.au>; Tony Weekes

<Tony.Weekes@cabonne.nsw.gov.au> Cc: May.Patterson@planning.nsw.gov.au

Subject: RE: Flyers Creek Wind Farm, Condition F21 (c): Construction Traffic & Access

Management Plan.

Hi Tony,

Did you have any comments on the Construction Traffic and Access Management Plan?

Many thanks Megan

From: Megan Richardson

 From:
 Andrew McIntyre

 To:
 Megan Richardson

Cc: Stuart Black; Treacy, Brian; Spiller, Stephen (GE Renewable Energy); Development Western

Subject: [EXTERNAL] RE: Flyers Creek Wind Farm - Consultation with RMS

 Date:
 Monday, 31 August 2020 11:06:28 AM

 Attachments:
 FLYW1-2020-30-07 F21-C CTAMP.PDF

### Dear Megan

I apologise for the delay in my reply.

I have reviewed the CTAMP. Generally, more work is required to detail the road upgrades. In particular:

- Its not clear (to me) what the actual traffic generation will be during construction and where the traffic will proportionately be. The report states that commuter traffic will be kept to a minimum by carpooling, but there isn't any detail as to how carpooling will be enforced/managed. In Western Region, our experience is that local construction staff will generally want to drive their own vehicles.
- Quantification of the constriction traffic volumes, including estimates of incidental journeys, has not been included.
- Without the above information, we are unable to assess the suitability of existing roads and intersections, in particular, the intersection of Errowanbang Rd and the Mid-Western Highway (HW6). Please note that the existing Auxillary Right Turn treatment at the intersection of HW6 and Errowanbang Rd is no longer used on the classified road network.

### Regards

Andrew McIntyre
Manger land Use Assessment
Community and Place
Regional and Outer Metropolitan Division
Transport for NSW
T 02 6861 1453 | F 02 6861 1414 | M 0417 431 982
Level 1 51-55 Currajong Street Parkes NSW 2870

### Every journey matters





4 June 2021

SF2012/040962; WST11/00006/15

Ms Megan Richardson Development Manager Infigen Energy Level 17 56 Pitt Street SYDNEY NSW 2000

Dear Ms Richardson

MP08\_0252 MOD 4: Flyers Creek Wind Farm Review of Construction Traffic Access Management Plan (CTAMP)

I refer to your email of 26 April 2021 forwarding a revised CTAMP to Transport for NSW (TfNSW) for comment. Reference is also made to my email response to you on 10 May 2021.

The purpose of this letter is to confirm TfNSW had reviewed the CTAMP and advise that, subject to the intersection of Errowbang Road and Mid Western Highway (HW6) being upgraded, the plan is considered adequate.

As provided in my email of 10 May 2021, the upgrade of the intersection will need to include a Channelised Right turn treatment (Short) (CHR(S)), designed and constructed in accordance with *Austroads Guide to Road Design* (copy of treatment attached). I note that to facilitate over size/over mass movements to the site, this intersection will be widened to provide sufficient width to allow long vehicles to turn left into Errowbang Road.

To undertake these works, a Works Authorisation Deed will need to be entered into between the proponent of MP08\_0252 and TfNSW. As a first step, it is requested that a concept design for the upgraded intersection be prepared and provided to TfNSW for review. Once a concept plan is agreed, a WAD can be drafted and sent to you for signature.

I trust this information is of assistance. Should you require further information please contact the undersigned on 02 6861 1453.

Yours faithfully

Andrew McIntyre

Manager Development Services

West

**Roads and Maritime Services** 



Ms Megan Richardson Development Manager Iberdrola

By email

10/08/2021

Dear Ms Richardson

# Flyers Creek Wind Farm (MP 08\_0252) Construction Traffic and Access Management Plan - request for additional information

We require additional information relating to the Construction Traffic and Access Management Plan submitted under the conditions of approval for the Flyers Creek Wind Farm.

Please provide the following additional information in relation to:

- Status of condition F15.
- Requirements of condition F15A, with reference to specific consultation and agreement
  where required with the roads authorities. In particular, it is unclear whether consultation with
  the local Councils specifically covered F15A, as (a) it is not clear whether all routes have
  been agreed under condition F15, (b) full details of the original referrals are not provided to
  determine if the roads authorities were providing comment on the relevant requirements
  under condition F15A or just the CTAMP generally, and (c) consultation from Blayney Shire
  Council envisages consultation on a more detailed TCPs.
- Availability of site plans to demonstrate compliance with condition F21(c)(ii)
- Management measures/controls for the identified impacts to the public road network in section 6.2 of the CTAMP. It is unclear how these CTAMP closes out these matters.
- Assignment of roles and responsibilities for requirements of the plan, and for associated construction traffic tasks such as carrying out of condition F17.

Please provide the information, or notify us that you will not provide the information by Tue 24 August 2021. If this timeframe is not achievable, please provide and commit to an alternative timeframe for providing this information.

If you have any questions, please contact me on 02 9274 6495/ at Dominic.Crinnion@planning.nsw.gov.au.

Yours sincerely

Dominic Crinnion
Team Leader

**Energy Assessments** 







APPENDIX C - BLAYNEY SHIRE ROAD MAP

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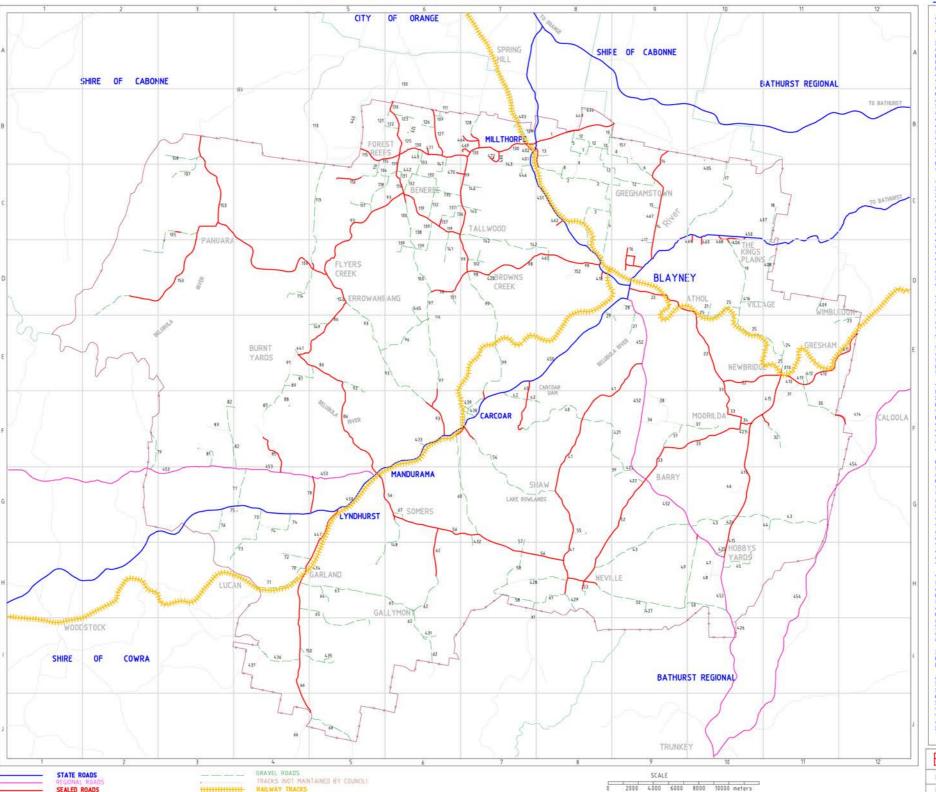
## **Numerical Map References**

SEALED ROADS

RAILWAY TRACKS

### **BLAYNEY SHIRE COUNCIL**





### **Alphabetical Map References**

06 07	Acacia Ln Ashleigh Park Rd	D10 C3	105 462	Lewsons Rd Limestone Ln	C3,D2 C8
19		C9	467	Lindsay Ln	C9
1	B Back Creek Rd	E11	92 115	Limestone Ln Lindsay Ln Lochewen Ln Long Swamp Rd	E5 B5,B6
01	Back Rd	B7	71	Lucan Ru	H4
5	Bakers Rd Baldoon Rd	E5,F4 G8	29 89	Lummes Ln	D8 E4
2		G8,H8	74	Lyons Rd	G4
53	Belubula Way Beneree Rd	G5,G1 C6,D6	421	Mallowgrove Rd	F8,G9
69	Beneree Rd Benereefs Ln	C6,D6 B7	56	Mandurama Rd	GE HR
71	Bluett CI	89,C9 86	16	Marshalls Ln Matthews Rd	D9 C7,D8
	Boondaroo Rd	F2	15	Mayfield Ln	C9
31	Bradene Rd	16 F7	45 76	Mckellers Ln Meadows Ln	H10
63	Brooklee Ln	D8	48 418		H10
8 30	Bugs Ridge Rd	D8,D6 86	114	Meribah Rd	D8 D4
26	Bulb Farm Ln	86 F11	450	Mid Western Hwy	C12,H1
2 36	Bundaleer Rd Bunjar Ln	D5,F5	82 148	Millipost Creek Rd	G6,H5
	Burnt Yards Rd	D5,F5	451	Milithorpe Rd	A7,09
3	C	B6,C6	472 33	Meribah Rd Mid Western Hwy Millamolong Rd Millpoat Creek Rd Millthore Rd Mitchell Cl Moorilda Rd Morrisons Ln Mount Macquarie Rd Muggletons Rd Myers Ln	B7 E10,F10
3	Cadla Rd	C5,D5	46	Morrisons Ln	G10
0	Calga Rd Caloola Rd	E11 E11,F12	54 434	Muggletons Rd	H4
1	Calvert Ln	C6	109		
6	Carcoar Dam Rd	C5 E7,F8	41	N Neville Rd	E9,H8
13	Carcoar Rd	E7,F8 B7,F7	50	Neville Rd Neville -Trunky Rd Newbridge Cemetry Rd Newbridge Rd Newry Downs Ln Nichols Ln	H8,H10
6		110 87	413 22	Newbridge Cemetry Rd Newbridge Rd	D9,E11
5		H10	78	Newry Downs Ln	G5
8 4	Clayton Ln Clover Ridge Rd	C7 B7	151	Nichols Ln Nixons Ln	B9 B6
4	Cobbs Ln	G5	442	Nixons Ln North Ln Nyes Gates Rd	C6
5	Convent Ln Coombing Ln	B6 G9	2	Nyes Gates Rd	C8
	Corks Ln	G9	144	Old Errowanbang Rd	D5
3	n	86	43 134	Old Lachlan Rd Ovington Ln	H8,G11 C5
9	Dicksons Ln	C6 B6		P	
1		B6 G10,H9	106 138	Panuara Rd Peppermint Ln Pittochry Rd Pomona Ln Pounds Ln Pretty Plains Rd	D5,C3
	Dungeon Rd	C10	427	Pitlochry Rd	H9
5	Dunstaffnage Rd Duttons Ln	D6,E6 C7	57 18	Pounds Ln	G7,H7
	Dwyers Ln	H10	449	Pretty Plains Rd	B8
9	E	E5	28	Prices Ln	D9
4		F12	448	Quary Farm Ln	B6
	Errowanbang Rd Eves Ln	C6,F6 B8	122	R Rapleys Ln	B6
2	Ewins Ln	D7	129	Richards Ln	B7
,		E6	73 420	Rockdell Rd Rosedale Rd	G4,H3
•	Fairford Rd	H7	150	8	1-46
	Fell Timber 94	F9,F10 F6,G7	7 435	Sherwood Rd	B8
5	Ferndale Ln	C6	143	Smiths Ln	B7
	Fiddicks Ln	C8 D11	63	Snake Creek Rd	H4,H6
7	Fitzgerald Valley Rd Fleetwood Ln	C11	141	Somers Ln Souths Ln	DE
0	Fleetwood Ln Forest Reefs Rd Four Mile Creek Rd	B7,B5 B3,D2	128	Somers Ln Souths Ln Spring Hill Rd Spring Terrace Rd Springvale Ln St Brigids Ln	B7 B6
3	Four Mile Creek Rd	B3,D2 F7	127 403	Spring rerrace Rd	B6 B7
	G		423	St Brigids Ln	F10
	Gallymont Rd Gap Rd	G6,16 D6.F6	440 412	Station St Stringybark Rd	F7 E11
	Gap Rd Garabaldi Ln Garland Rd	D6,F6 G11	416	Stringybark Rd Sugarloaf Rd Sunnyside Rd	D10
7	Garland Rd Gartholme Rd	G5,J4 B6,C6	150 429	Sunnyside Rd Sunset Hills Rd	14,15 HB
2		DS	21	Sykes Ln	D10
8	Glenarvon Rd	H7,H8 E4	119	Tallwood Rd	B6.C6
		B8,C9	461 68	Tallwood Rd Taroona Ln Tea Tree Rd	D10
1	Glengate Rd Glenlea Rd	88 86	68 53		J5 HB
2	Glenorie Rd	87	415	Three Brothers Rd	E5 G10
		F6 B8	404 38	Toners Ln Tooheys Ln Trunkey Rd(TRS4)	B8
	Greghamstown Rd	CB	454	Trunkey Rd(TR54)	F12,J10
	Gresham Ln	E12 B9,D9	25	V	D10,E1
	Guyong Rd H		1	Vittoria Rd	B8
ŕ	Hagars Ln Halls Rd	C5	445	LAI	B5
1	Harris Rd	E6 E4	468	Waldegrove Rd Walkoms Rd	C10
	Hazelwood Rd	F3	108	Wallaces Rd	B3
	Hills Ln Hillside Ln	E9 C7	137	Warburtons Ln Watersons Ln	C5,C6
	Hilltop Ln	H4,15	437	Waugoola Rd	14
2	Hilton Ln Hines Ln	G7 H4	81 23	Wells Ln West Wimbledon Rd	F3 E12
	<b>Hobbys Yards Cemetry</b>	RdG10	101	Westons Ln	D6
2	Hobbys Yards Rd	D9,H10	132	Willis Ln Wilsons Ln	B8,C8
	Jones Ln	E11	410	Wimbledon Rd	E11,E1
	Jones Ln Junction Park Rd Junction Reefs Rd	F4 F4	64 460	Winterbottoms Ln Winterwood Ln	H5 D10
	K	F.O	439	Wirraway Ln	F7
8	Kellys Ln	D11	3		CB
	Kennys Lane South Kennys Ln	G4 G4	436		14
	Kentucky Rd	H8,17			
	Kinghams Ln	H4 C7			
6			1		
6	Kings Plains Rd Koomoorang Rd	D10 B10			

### BLAYNEY SHIRE ROAD MAP

Drawn:	AJE	DATE	28-01-2003	
Modified:	TLL	DATE	13-12-2006	







