

CD21/1158
ED23/156348
AN



4 September 2023

Ms Kiersten Fishburn
Office of the Secretary of the Department of Planning & Environment
4 Parramatta Square
PARRAMATTA NSW 2150

Dear Kiersten

UUNGULA WINDFARM – SSD-6687
CONDITION: B30 TWELVE MILE ROAD AND GOOLMA ROAD INTERSECTION UPGRADE

Dubbo Regional Council (Council) has been working with Uungula Wind Farm Pty Ltd, applicant for SSD-6687, to assist their endeavours to design an intersection upgrade to facilitate traffic generated by their project.

Goolma Road is classified as a State Road and Transport for NSW (TfNSW) is the lead authority regulating the design of the intersection. It is Council's understanding that Uungula Wind Farm Pty Ltd has entered into a Works Authorisation Deed (WAD) with TfNSW to upgrade the intersection in accordance with their requirements.

TfNSW and Ungula Windfarm Pty Ltd have now agreed the final design of the intersection. Council has reviewed the intersection design and is in support of the agreed intersection design.

Condition B30 of the condition of consent states that 'Unless the Planning Secretary agrees otherwise, prior to commencing construction the Applicant must implement the road upgrades identified in Appendix 7, to the standard and satisfaction of the relevant roads authority'. An extract from the consent relating to the intersection treatment at Goolma and Twelve Mile Roads is shown below:

<i>Road/ Intersection</i>	<i>Start Point</i>	<i>Chainage</i>	<i>Upgrade</i>	<i>Timing</i>
Intersections				
Twelve Mile Road	Goolma Road	00 km	- Permanently remove and close the existing intersection; and - Design and construct a new intersection with a channelised right (CHR) turn lane and an Auxiliary Left (AUL) turn lane treatment, generally in accordance with Figures 2 and 3 in this Appendix	Prior to commencing construction



All communications to: **CHIEF EXECUTIVE OFFICER**

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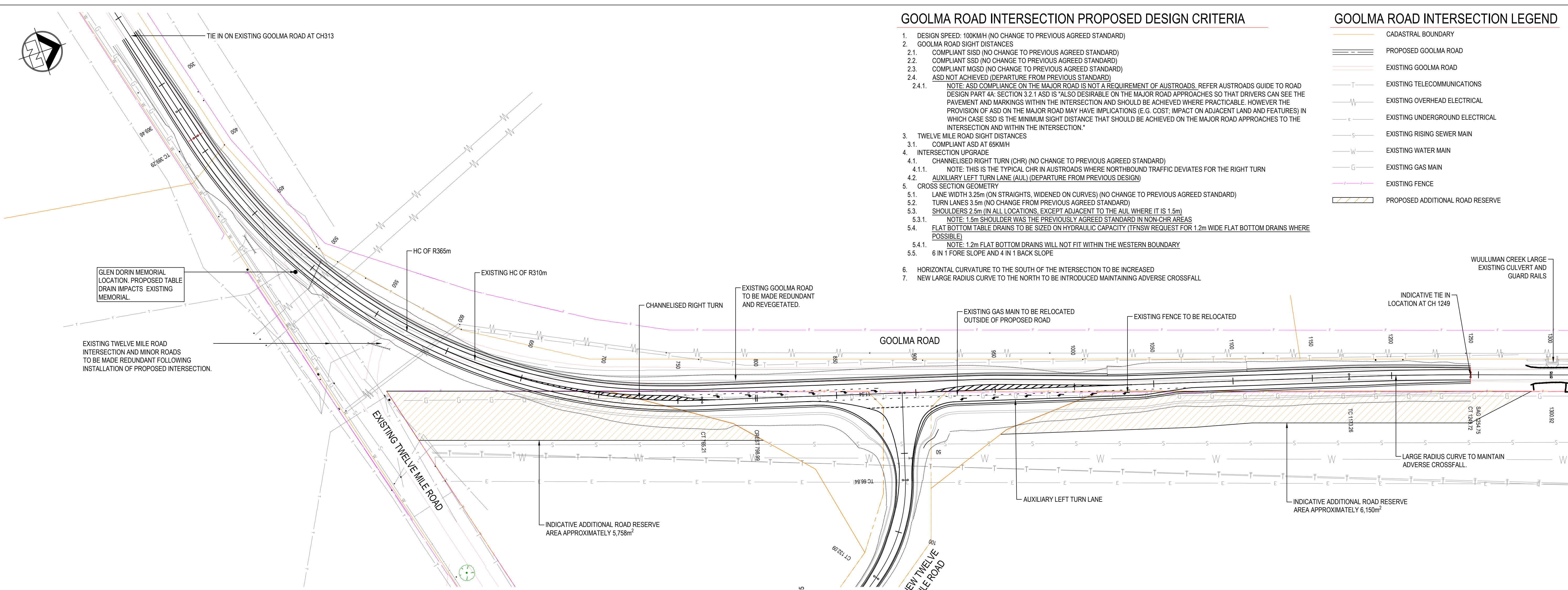
Council supports the modification of the timing set out in with the timing of the upgrade to the intersection at Goolma and Twelve Mile Road to be changed from 'prior to commencing construction' to 'Prior to any use by over-dimensional vehicles' provided that the Uungula Wind Farm construction traffic is managed through a suitably designed Traffic Management Plan.

Yours faithfully

A handwritten signature in black ink, appearing to read 'L Ryan', written over a light blue rectangular background.

Luke Ryan
Director Infrastructure

Attachment/s: TfNSW & UWF Agreed Intersection



GOOLMA ROAD INTERSECTION PROPOSED DESIGN CRITERIA

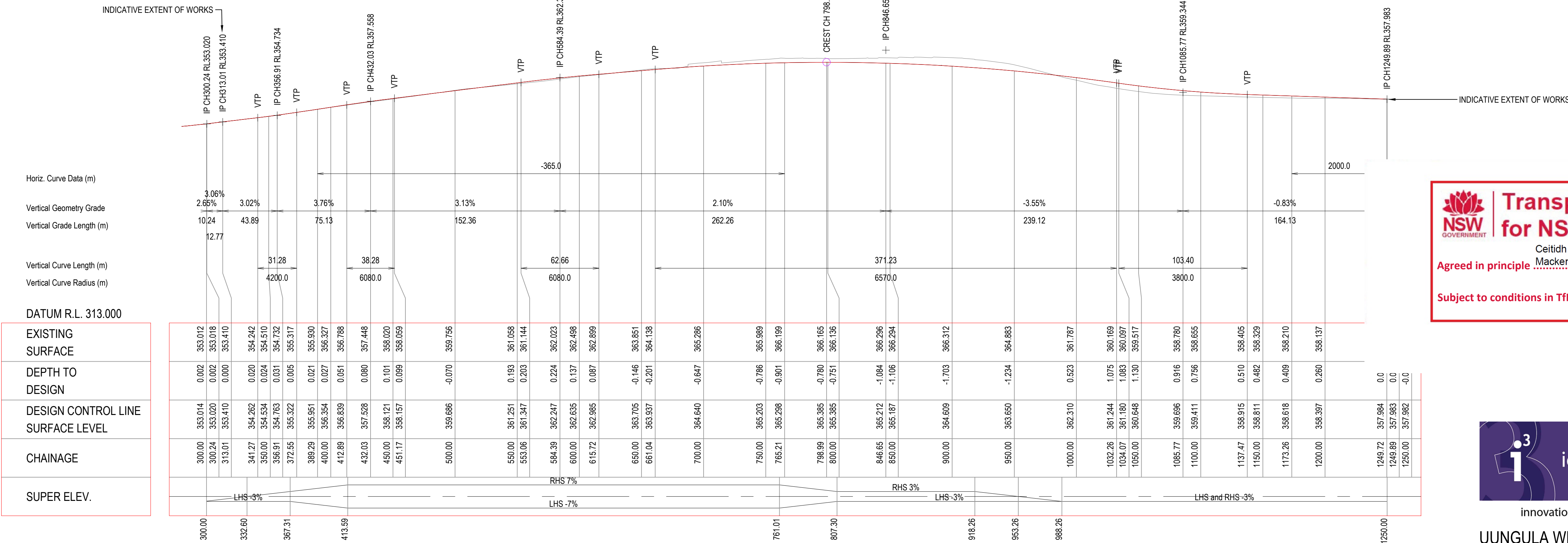
- DESIGN SPEED: 100KM/H (NO CHANGE TO PREVIOUS AGREED STANDARD)
- GOOLMA ROAD SIGHT DISTANCES
 - COMPLIANT SSD (NO CHANGE TO PREVIOUS AGREED STANDARD)
 - COMPLIANT SSD (NO CHANGE TO PREVIOUS AGREED STANDARD)
 - COMPLIANT MSD (NO CHANGE TO PREVIOUS AGREED STANDARD)
 - ASD NOT ACHIEVED (DEPARTURE FROM PREVIOUS STANDARD)
- TWELVE MILE ROAD SIGHT DISTANCES
 - COMPLIANT ASD AT 65KM/H
- INTERSECTION UPGRADE
 - CHANNELISED RIGHT TURN (CHR) (NO CHANGE TO PREVIOUS AGREED STANDARD)
 - NOTE: THIS IS THE TYPICAL CHR IN AUSTRROADS WHERE NORTHBOUND TRAFFIC DEVIATES FOR THE RIGHT TURN
 - AUXILIARY LEFT TURN LANE (AUL) (DEPARTURE FROM PREVIOUS DESIGN)
- CROSS SECTION GEOMETRY
 - LANE WIDTH 3.25m (ON STRAIGHTS, WIDENED ON CURVES) (NO CHANGE TO PREVIOUS AGREED STANDARD)
 - TURN LANES 3.5m (NO CHANGE FROM PREVIOUS AGREED STANDARD)
 - SHOULDER 2.5m (IN ALL LOCATIONS, EXCEPT ADJACENT TO THE AUL WHERE IT IS 1.5m)
 - NOTE: 1.5m SHOULDER WAS THE PREVIOUSLY AGREED STANDARD IN NON-CHR AREAS
 - FLAT BOTTOM TABLE DRAINS TO BE SIZED ON HYDRAULIC CAPACITY (TFNSW REQUEST FOR 1.2m WIDE FLAT BOTTOM DRAINS WHERE POSSIBLE)
 - NOTE: 1.2m FLAT BOTTOM DRAINS WILL NOT FIT WITHIN THE WESTERN BOUNDARY
 - 6 IN 1 FORE SLOPE AND 4 IN 1 BACK SLOPE
- HORIZONTAL CURVATURE TO THE SOUTH OF THE INTERSECTION TO BE INCREASED
- NEW LARGE RADIUS CURVE TO THE NORTH TO BE INTRODUCED MAINTAINING ADVERSE CROSSFALL

GOOLMA ROAD INTERSECTION LEGEND

- CADASTRAL BOUNDARY
- PROPOSED GOOLMA ROAD
- EXISTING GOOLMA ROAD
- EXISTING TELECOMMUNICATIONS
- EXISTING OVERHEAD ELECTRICAL
- EXISTING UNDERGROUND ELECTRICAL
- EXISTING RISING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING GAS MAIN
- EXISTING FENCE
- PROPOSED ADDITIONAL ROAD RESERVE

GOOLMA ROAD / TWELVE MILE ROAD - INTERSECTION PLAN

SCALE 1:1250



GOOLMA ROAD - LONGSECTION

HORIZ. SCALE 1:2000
VERT. SCALE 1:500

**Transport
for NSW**

Ceitidh
Mackenzie

Digitally signed by
Ceitidh Mackenzie
Date: 2023.09.01
19:42:03 +10'00'

Agreed in principleDate 01/09/2023.....

Subject to conditions in TfNSW Letter ofAcceptance.....



innovation ingenuity inspiration

UUNGULA WIND FARM
GOOLMA ROAD / TWELVE MILE ROAD INT
B.P. 01.09.2023 19-142-SK01
OFFICIAL