

20 January 2021

SF2020/069117; WST20/00116/02

The Manager
Resource & Energy Assessments
NSW Department of Planning & Environment
GPO Box 39
SYDNEY NSW 2001

Attn: Javier Canon

Dear Mr Canon,

SSD-10452: Blue Springs Road, Gulgong; Stubbo Solar Farm

Thank you for referral of SSD-10452 to Transport for NSW (TfNSW) via the NSW Planning Portal. It is understood the application is for construction, operation and decommissioning of a 400 megawatt solar farm. Vehicular access to the development is proposed from Blue Springs Road via its intersection with and Cope Road (MR598).

TfNSW has reviewed the documentation submitted in support of SSD-10452 and provides the following recommendations to assist the Department in its assessment and determination of the proposal:

- Prior to commencement of construction of the solar farm, the intersection of Cope and Blue Springs Roads is to be upgraded in accordance with *Austrroads Guide to Road Design* and any relevant TfNSW supplements, including:
 - A Basic Right (BAR) turn treatment in accordance with Part 4 A28 (copy enclosed). The BAR treatment is to be sealed, designed and constructed for a 100km/h speed environment, able to accommodate the largest vehicle using the intersection, match existing road levels and not interfere with existing road drainage.
 - A Basic Left (BAL) turn treatment as shown in Figure 8.2 Part 4A (copy enclosed). The BAL facility is to be sealed, designed and constructed for a 100km/h speed environment, able to accommodate the largest vehicle using the intersection, match existing road levels and not interfere with existing road drainage.
 - The intersection is to be designed and constructed to ensure that all turning movements at the intersection of Cope and Blue Springs Roads can be performed without traversing into the opposing lane of traffic.

Note: Should DPIE support the above recommendation, a plan of the proposed road work will need to be submitted to TfNSW for concurrence pursuant to section 138(2) of the *Roads Act 1993* and prior to Council granting its consent for the road works.

- Safe Intersection Sight Distance (SISD) requirements outlined in the *Austrroads Guide to Road Design* Part 4A and relevant TfNSW supplements is to be provided and maintained in both directions at the intersection of Cope and Blue Springs Roads.
- Prior to the commencement of construction work, 'Advance truck warning signs' (W5-22 Size B) with distance plates (W8-5 Size B), are to be erected adjacent to Cope

Transport for NSW

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Road, 250 metres from its intersection with Blue Springs Road. The signs are to be removed at completion of construction.

- Relevant approvals from the National Heavy Vehicle Regulator and TfNSW are to be obtained by the proponent prior to the transportation of any over size/over mass loads on public roads.
- Prior to the commencement of construction work, a Traffic Management Plan (TMP) is to be prepared in consultation with Mid-Western Regional Council and TfNSW to outline measures to manage traffic related issues associated with delivery and construction of the solar plant, ancillary structures, any construction or excavated materials, machinery and personnel involved in the construction, operation or decommissioning of the facility. The TMP is to detail the potential impacts associated with the development, the measures to be implemented, and the procedures to monitor and ensure compliance. The TMP is to address, but not be limited to:
 - (a) The origin, number, size, frequency and final destination of vehicles accessing/exiting the site.
 - (b) Loads, weights and lengths of haulage and construction related vehicles and the number of movements of such vehicles.
 - (c) Existing and projected background traffic, peak hour volumes and types and their interaction with projected development related traffic.
 - (d) The management and coordination of construction and staff vehicle movements to the site and measures to limit disruption to other motorists. The management of construction staff access to the work site is to include strategies and measures employed to manage the risks of driver fatigue and driver behaviour.
 - (e) Scheduling of haulage vehicle movement to minimise convoy length of platoons.
 - (f) Details of access intersection improvement works in accordance with *Austroads Guide to Road Design* and TfNSW supplements. Any gate or grid in the access is to be setback a distance equal to the longest vehicle required to access the site during construction, operation and decommissioning of the facility.
 - (g) Local climate conditions that may affect road safety for vehicles used during construction, operation and decommissioning of the facility (e.g. fog, dust, wet weather).

Road and access intersection improvement works are to be approved and completed prior to the commencement of construction of the solar farm.

Please provide a copy of the determination for this project to TfNSW at the same time it is sent to the proponent. Should you require further information please contact Andrew McIntyre, Manager Land Use Assessment, on 02 6861 1453.

Yours faithfully



Andrew McIntyre
Manager Land Use Assessment
Western Region