

Modification of Infrastructure Approval

Section 5.25 of the *Environmental Planning & Assessment Act 1979*

As delegate of the Minister for Planning under the Instrument of Delegation dated 11 October 2017, I approve the modification of the State significant infrastructure approval referred to in Schedule 1, subject to the conditions in Schedule 2.



Glenn Snow
Director
Transport Assessments

Sydney 2 November 2018

SCHEDULE 1

Infrastructure Approval: SSI 7400 granted by the Minister for Planning on 9 January 2017.

For the following Critical

State Significant Infrastructure: Construction and operation of a metro rail line, approximately 16.5 kilometres long (of which approximately 15.5 kilometres is located in underground rail tunnels) between Chatswood and Sydenham, including the construction of a tunnel under Sydney Harbour, links with the existing rail network, seven metro stations, and associated ancillary infrastructure.

Declaration as Critical

State Significant Infrastructure: The proposal is Critical State Significant Infrastructure by virtue of clause 5 of Schedule 5 of the State Environmental Planning Policy (State and Regional Development) 2011 (NSW) and section 5.13 of the *Environmental Planning and Assessment Act 1979* (NSW).

Modification:

Installation of a temporary acoustic shed at Blues Point construction site and retrieval, from Blues Point, of all components of tunnel boring machines driven from Chatswood dive site and Barangaroo.

Amendment of Condition E54 to adopt a risk management approach to blasting limits for heritage structures consistent with Condition E28.1.

SCHEDULE 2

Note: Words that have been deleted are shown as: ~~deleted~~
Words that have been added are shown as: added

1. Delete condition A1 and replace with the following:

- A1 The CSSI must be constructed generally in accordance with the description of the CSSI in the EIS as amended by the:
- (a) description in the PIR;
 - (b) Sydney Metro City and Southwest Chatswood to Sydenham Victoria Cross Station and Artarmon Substation Modification Report (Transport for NSW) as amended by the Victoria Cross and Artarmon Substation Modification Submission Report (Transport for NSW);
 - (c) Sydney Metro City and Southwest Chatswood to Sydenham Sydenham Station and Sydney Metro Trains Facility South Modification Report (Transport for NSW) as amended by the Sydney Metro City and Southwest Chatswood to Sydenham Sydenham Station and Sydney Metro Trains Facility South Submissions Report (Transport for NSW);
 - (d) Sydney Metro City and Southwest Chatswood to Sydenham Central Walk Modification Report (Transport for NSW) as amended by the Central Walk Modification Submission Report (Transport for NSW);
 - (e) Sydney Metro City and Southwest Chatswood to Sydenham Martin Place Metro Station Modification Report as amended by the Sydney Metro City and Southwest Chatswood to Sydenham Martin Place Station Modification Submissions Report; ~~and~~
 - (f) Sydney Metro City and Southwest Chatswood to Sydenham Blues Point Acoustic Shed Modification Report as amended by the Response to Submissions dated 2 October 2018; and
 - (g) the terms of this approval.

2. Amend condition E37 as follows:

- E37 The Proponent must identify all receivers likely to experience internal noise levels greater than $L_{eq(15 \text{ minute})}$ 60 dB(A) inclusive of a 5 dB penalty, if rock breaking or any other annoying activity likely to result in regenerated (ground-borne) noise or a perceptible level of vibration is planned (including works associated with utility adjustments), between 7am – 8pm at:
- (a) Crows Nest, Victoria Cross, Blues Point, Barangaroo, Martin Place, Pitt Street, and Central; and
 - (b) Marrickville, Newtown, St Peters, Sydenham and Tempe for works specified in SSI 7400_MOD 4 referenced in Condition A1(c).

3. Amend Condition E48 as follows:

- E48 Notwithstanding Condition E36 of this approval and subject to Condition E47, the following activities may be undertaken 24 hours per day, seven (7) days per week:
- (a) tunnelling and associated support activities (excluding cut and cover tunnelling, and excluding the installation and decommissioning of the Blues Point acoustic shed except where compliance with Condition E44 is achieved);
 - (b) excavation within an acoustic enclosure (excluding the Blues Point temporary site except where compliance with Condition E44 is achieved);
 - (c) excavation at Central (excluding Central Walk works at 20-28 Chalmers Street, Surry Hills) without an acoustic enclosure;
 - (d) station and tunnel fit out; and
 - (e) haulage and delivery of spoil and materials.

4. Insert Condition E48.1 after Condition E48 as follows:

E48.1 Notwithstanding E48(a), the Proponent must use best endeavours to schedule annoying activities, including steel hammering and movement of the self-propelled modular trailer, at the Blues Point temporary site between 7am and 8pm.

5. Amend Condition E54 as follows:

- E54 Blasting associated with the CSSI must not exceed the following criteria, measured at the most affected residence or other sensitive receiver as specified below:
- (a) airblast overpressure ($\text{dB}_{(\text{Lin Peak})}$) 125 dBL; and
 - (b) vibration (PPV):
 - i. 25 mm/s generally; or
 - ii. 7.5mm/s for heritage structures: except where detailed investigation of the construction of the building determines that increasing the screening criterion to 25 mm/s is acceptable. The investigation must be undertaken by a suitably qualified structural engineer with experience assessing heritage structures that is approved by the Secretary. Any decision to adopt the higher vibration criterion must be supported by evidence to demonstrate the higher criterion is appropriate.

6. Insert Condition E57.1 after Condition E57 as follows:

E57.1 Notwithstanding E57, the acoustic shed at Blues Point temporary site must not be in place for more than one Christmas/New Year's period.

Note: Christmas/New Year's period is defined as 18 December to 28 January.