

Transport for NSW  
Western Harbour Tunnel and Warringah Freeway Upgrade  
30 March, 2020

I am writing to object to the proposed Western Harbour Tunnel and Warringah Freeway Upgrade as they have a direct affect on the liveability of our property at 2 Bray St, North Sydney and the surrounding neighbourhood.

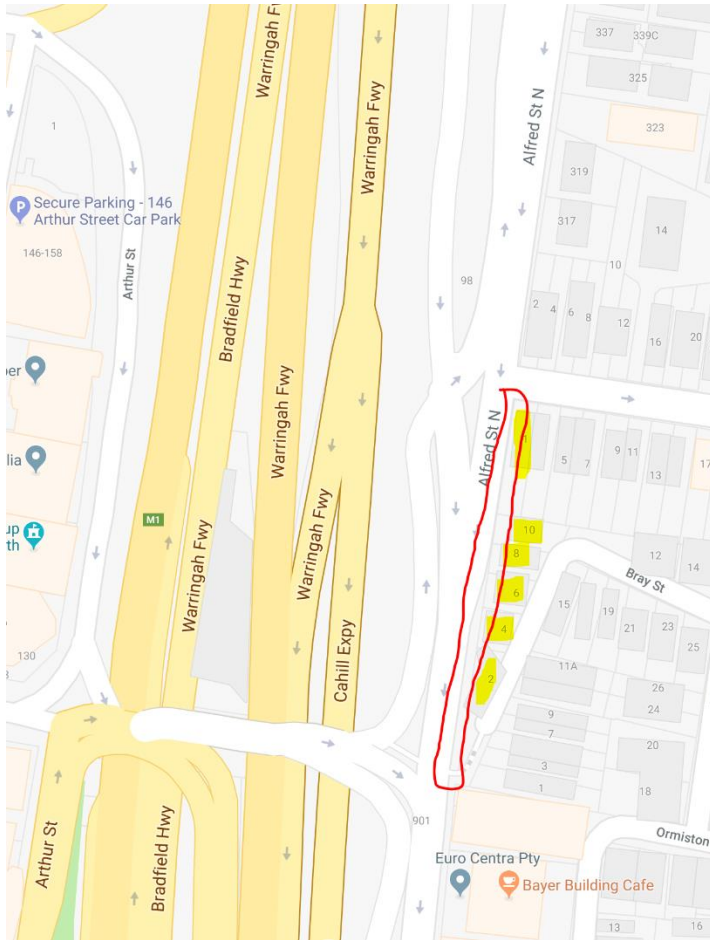
Excessive disruption will be generated during the construction and ongoing operation of the proposed changes;

During Construction:

- Both myself and wife work from home and as such the construction noise is likely to make normal business activity such as conference calls and meetings impossible to carry out within scheduled construction hours.
- M1 (Cahill Expressway & Warringah Freeway) running adjacent to Alfred Street North, major noise disruption will be generated from Trucks and heavy vehicles using Air Brakes. The Noise levels from the construction vehicles on the road adjacent to our property will far exceed normal levels.
- Low frequency Noise levels associated with digging, boring and earth works during construction can be damaging to health and given how close this activity will be to our premise we have major concerns.
- Elevated pollution levels due to dust and high concentration of Diesel nano particles due to increase in trucks and diesel powered construction vehicles. Diesel vehicles are being banned from built up cities in Europe due to the health risks associated.
- Lengthy duration of this project is likely to lead to health issues due to fatigue from noise, disruption and pollution levels.
- Financial impact will also be felt as our house will be negatively impacted during this period and make it very difficult to sell if we should need to.

Construction Mitigation (minimum requirements)

- Prior to road works construction starting, construct a noise proof barrier/fence between Alfred Street North and properties fronting Bray Street, presently there is an inadequate timber paling fence which will not provide adequate noise abatement, see map below highlighting the section requiring a noise proof fence.



- Constant spraying of construction area with water to prevent dust pollution.
- Noise Curtains to be constructed around all heavy machinery working zones.
- Limit use of Diesel vehicles and audit all vehicles used to deliver and remove material from the site for exhaust emissions and noise pollution above accepted limits.
- Implement signage and noise monitoring on Alfred Street North and the Cahill Expressway/ Warringah Freeway adjacent to Alfred Street North, to ensure engine braking is not used around Alfred St North and feeder roads.

#### Post Construction:

- The intended elevated off ramp feeder from the M1 (Warringah Freeway) to the North Sydney CBD and Lower North Shore will intrude on the visual privacy of the upper floor of our property and exposing our main bedroom and ensuite bathroom to daily traffic exiting the freeway to North Sydney. Present plans we have reviewed do not include any privacy screens along the elevated off ramp.
- The intended elevated off ramp from the M1 (Warringah Freeway) merging into Alfred St North will cause significant additional Noise pollution to our house at 2 Bray St North Sydney due to the increasing impact of Direct Line of Sight noise.
- Noise will be excessive during Peak hour periods and particularly in the morning from 6:30am to 10:00am. Trucks and other vehicles are likely to be approaching the Mount St intersection traffic lights at greater speed due to the level off ramp proposed. As such increased road noise from more braking noise and use of heavy vehicle (trucks and buses) air brakes will heighten the noise pollution levels.

Post Construction Mitigation (minimum requirements):

- Implement signage and noise monitoring on intended off ramp, Alfred Street North and the Cahill Expressway/ Warringah Freeway adjacent to Alfred Street North, to ensure engine braking and excessively loud vehicles are fined in line with the following – *“A national scheme is being introduced which will impose noise limits from engine compression brakes. The scheme will use roadside noise ‘cameras’ as an aid to enforcement. These cameras are being located in areas where engine compression brake noise is affecting nearby communities. RMS is implementing this scheme in NSW”*
- Consider alternative merging option for Mount St to remove the need for traffic lights on Alfred St North intersection.
- Intended elevated off ramp feeder from the M1 (Warringah Freeway) to the North Sydney CBD and Lower North Shore should have a Noise Abatement Wall constructed the full length of the ramp to the intersection of Mount St, to ensure privacy and reduce Noise Pollution associated with the proposed elevated off ramp.

Regards

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