

Arncliffe construction site

Spoil removal

The project is aiming to re-use 95% of clean spoil. Spoil that cannot be reused will be transported by heavy vehicles to spoil reuse and disposal sites, located up to 70 kilometres from the construction sites. This will decrease the use of local or residential streets to remove spoil and minimise possible safety impacts on pedestrians and road users.

Around 612,650 cubic metres of spoil will need to be moved from the Arncliffe construction site. Spoil will be stored on site and removed during standard construction hours. In the instances where we may need to remove spoil or take delivery of material that cannot be transported during standard construction hours, the community will be notified in advance.

We will aim to remove spoil outside peak times.

Once completed, land not required for motorway facilities will be returned to owners.

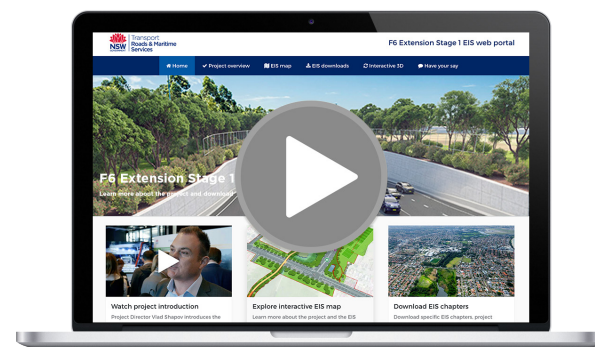


A key objective of the project is to minimise the volume of spoil generated by the project.





Of the spoil that is generated, a target of 95 per cent beneficial reuse of clean spoil has been set.

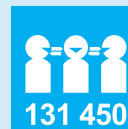
This reuse would either be within the project area or at other locations.

Visit our interactive web portal to find out more
rms.nsw.gov.au/f6



Contact us:

-  rms.nsw.gov.au/F6
-  1800 789 297
-  F6Extension@rms.nsw.gov.au
-  Customer feedback
Roads and Maritime Services
Locked Bag 928, North Sydney NSW 2059



This document contains important information about transport projects in your area. If you need an interpreter, please call the Translating and Interpreting Service on **131 450** and ask them to call the Project Team on **1800 789 297**. The interpreter will then help you with translation.



Above: Arncliffe construction site

The F6 Extension Stage 1 will deliver the missing link from Sydney's south to the wider Sydney motorway network, making journeys easier, faster and safer. It will remove more than 2,000 trucks a day from surface roads, and help return local streets to local communities.

The project will move onto the Marsh Street site after construction work on the New M5 has finished. Using this site will minimise impacts to the community and surrounding property and save time establishing

a new site. The site will be used to support tunnelling activities, including spoil removal, storage and haulage.

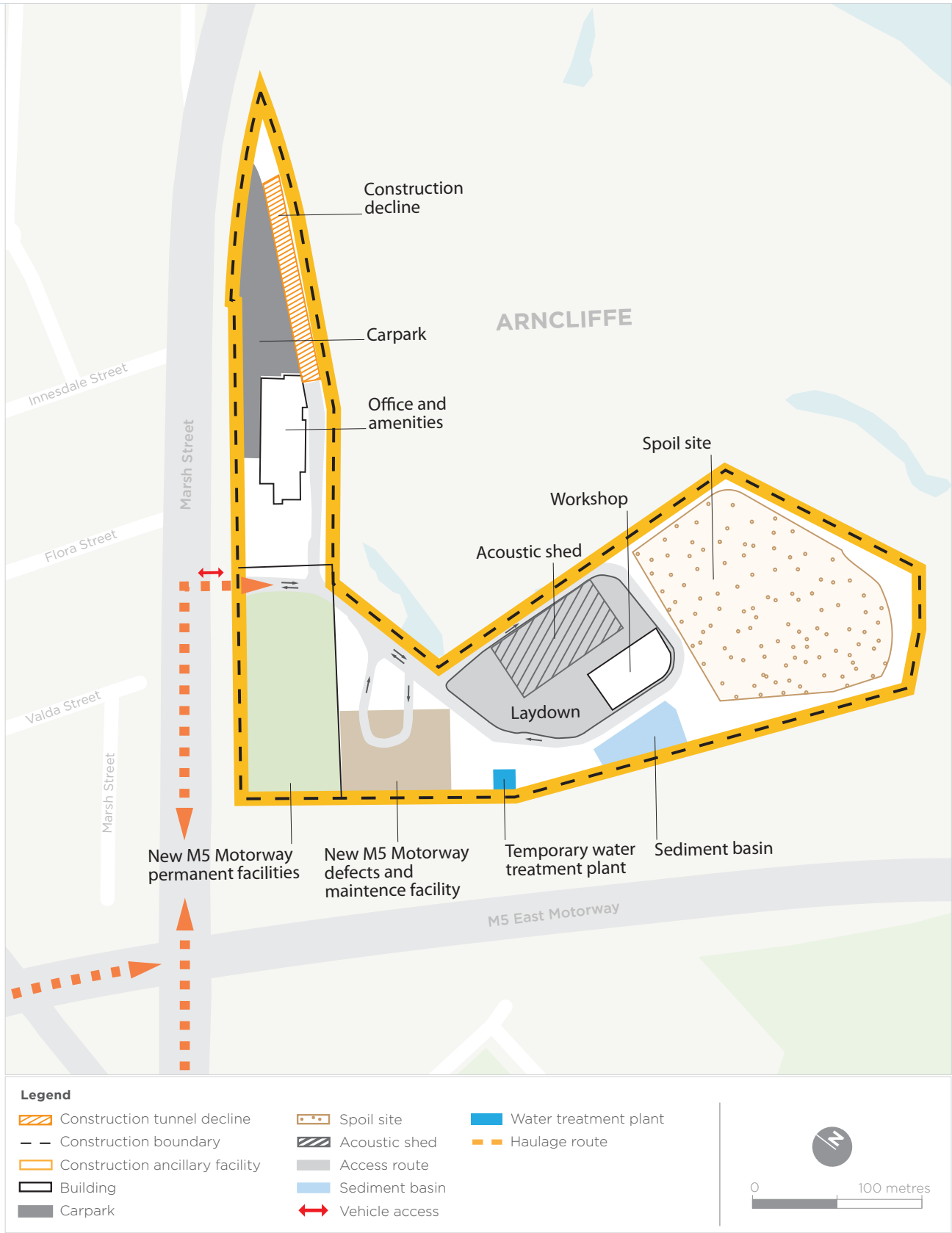


Figure 1: Arncliffe construction site layout

Key construction activities

- Construction of an acoustic shed
- Tunnel excavation and other tunnelling work
- Stockpiling of spoil and spoil haulage
- Construction of an access point (decline) leading into the tunnels
- Construction of a substation and water treatment facility
- Fit-out of a ventilation facility being constructed as part of the New M5 motorway project.

Tunnelling and spoil management will be carried out at this site 24 hours a day and seven days a week.

Construction activities and the site layout may be subject to further change through detailed design process.

Potential construction impacts

Should the project be approved the Minister's Conditions of Approval will outline mitigation measures for the construction of the project, including the requirement for the contractor to prepare a Construction and Environment Management Plan (CEMP). This plan will describe reasonable and practical mitigation measures that will be put in place to minimise potential impacts form the project on the local community and environment during construction.

Table 1: Indicative construction timeline

Construction activity	Year Quarter	2020				2021				2022				2023				2024			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Arncliffe construction site																					
Site establishment																					
Tunnelling works and spoil handling																					
Construction of Motorways Operations Complex 1 (surface buildings)																					
Rehabilitation and landscaping																					

Construction traffic

Access to the Marsh Street site will be provided via traffic signals installed as part of the New M5 Motorway project. Access will allow for a left-in and right-in movements and left out only. No construction vehicle impacts are expected on

local roads with site access being directly to and from Marsh Street.

The indicative vehicle numbers described in Table 2 represent vehicle movements during construction.

Table 2: Indicative vehicle numbers

Location	Daily vehicles (two-way)		AM peak hour (7-8am)				PM peak hour (5-6pm)			
			Heavy vehicles		Light vehicles		Heavy vehicles		Light vehicles	
	Heavy vehicles	Light vehicles	Arrive	Depart	Arrive	Depart	Arrive	Depart	Arrive	Depart
Arncliffe construction site	276	336	13	13	65	1	13	13	1	76

Note: Vehicle numbers include the total movements to and from the site (i.e. two way) in the time period specified. Indicative construction vehicle numbers (daily and for the AM and PM peak hour) would vary based on the final construction methodology and program.