

**M27 Junction 4 -11 Smart Motorway Programme  
e-Bulletin – 22 August 2019**

**Smart Motorways Programme M27 Junctions 4 to 11: Update**

**Upcoming work**

**Sheet piling works**

We'll be conducting some targeted works around junction 8 to increase the safety of drivers when travelling within the new lane one, previously the hard shoulder. The current safety barrier isn't compatible with our designs to upgrade the hard shoulder to a new live running lane.

A large piling rig will vibrate interlocking sheets into soil at depth to create a stable wall in the embankment, this is known as Sheet Piling. This will result in a large safety barrier being installed that provides a greater level of protection for the travelling public in case of an incident.

The sheet lengths have been reduced from 24m to 15m, to remove the requirement for loud impact driving. Although this is the quietest method possible for this activity, it's still expected to be noisy. As the work will be noisy at times, we've written to local residents to let them know about the overnight activity, and that we'll do our best to mitigate any disturbance.

We'll be monitoring the levels of noise and vibration throughout these works by using three noise and vibration monitors, which will be placed at strategic locations within close vicinity to the works. Should the levels of noise or vibration exceed the limitations in place, our environmental advisors can halt the works, or even stop them altogether.

You can find a map of the works at the end of this bulletin; the red lines indicate locations in which sheet piling will be conducted.

**Preparation works**

We'll be undertaking survey works around junction 8 to accommodate for the sheet piling works. These overnight survey works determine the location of underground services, such as gas pipes and electricity cabling, and will involve using a large vacuum excavator to remove earth to grant us access to these services.

We'll also be undertaking some light vegetation removal at junction 8 to allow for the sheet piling works.

**When is it happening?**

Please see the below table.

<b>Works</b>	<b>Dates</b>	<b>Location</b>
<b>Light Vegetation Clearance</b>	27 August 2019 – 9 September 2019	M27 Junction 8
<b>Specialist Survey Works</b>	27 August 2019 – 9 September 2019	M27 Junction 8
<b>Sheet Piling</b>	9 September 2019 – 8 November 2019	M27 Junction 8

Sheet piling requires an extended period of time to complete due to the time required to safely install each sheet. Although we will be undertaking sheet piling works from September until November, not every night will require the use of the large piling rig. Additionally, we'll endeavour to undertake these works at a maximum of five days per week.

We'll complete all the above works under overnight carriageway closures between 9.00pm and 6.00am the following morning. As the work will be noisy at times, we've written to local residents to let them know about the overnight activity, and that we'll do our best to mitigate any disturbance.

The slip roads at junction 8 will remain open throughout the works, and you can find diversion information on the following page.

These dates may be subject to change owing to operational requirements or adverse weather conditions, and therefore we advise road users to plan their journeys in advance. Road users can keep up to date by visiting our Traffic England website: [www.trafficengland.com](http://www.trafficengland.com) or by following our Twitter feed: @HighwaysSEAST

**How you can contact us**

If you have any queries about our work or want to know more, then please email [M27J4-11SmartMotorway@highwaysengland.co.uk](mailto:M27J4-11SmartMotorway@highwaysengland.co.uk) or call us on 0300 123 5000

For more information on the M27 Junction 4 to 11 Smart Motorway scheme, please visit the scheme webpage at [www.highwaysengland.co.uk/m27-j4-11-smart-motorway](http://www.highwaysengland.co.uk/m27-j4-11-smart-motorway)

Yours faithfully,



Victor Johnson, Project Manager

## M27 Sheet Piling Works - Diversion Routes

Location	Diversion
<b>M27 junction 8 eastbound carriageway</b>	<ul style="list-style-type: none"><li>- When travelling eastbound take the junction 8 exit slip road</li><li>- Follow the roundabout straight ahead before using the entry slip road to re-join the carriageway.</li></ul>
<b>M27 junction 8 westbound carriageway</b>	<ul style="list-style-type: none"><li>- When travelling westbound take the junction 8 exit slip road</li><li>- Follow the roundabout straight ahead before using the entry slip road to re-join the carriageway.</li></ul>

# M27 Works – Sheet Piling Locations

