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Tackling air pollution in Bath and North East Somerset

Clean air zone test site at Westmoreland Road

Summary of street works from 12/13 October 2019 (minimum disruption)

In preparation for Bath's Clean Air Zone at the end of 2020, the council is preparing a site at Westmoreland Road to test how data is passed from the zone's cameras back to the council offices for analysis.

To ensure this technology works as intended, we're installing a camera at Westmoreland Road over the weekends of 12/13 October and 19/20 October 2019 and connecting it back to the Council's fibre optic cable at Pines Way.

The majority of installation work required for the CAZ cameras and signage will not start until January 2020, once final details for the zone are approved. The council is testing the technology now to ensure the CAZ implementation remains on track to reduce nitrogen dioxide (NO₂) pollution to within legal limits by 2021 at the latest.

For the clean air zone to work, automatic number plate recognition (ANPR) cameras will be mounted on lamp posts around the zone's boundary to capture the number plates of passing vehicles. For the most part, this data will be sent back to council offices to be analysed via roadside cabinets (already found on many streets) and existing underground fibre optic cabling.

In some camera locations like Westmoreland Road, where there is no direct access to the existing fibre optic network, the cameras will pass data back to the council offices via a wireless radio connection to the nearest roadside cabinet. This is done by installing a small transmitter by the camera and repeater boxes on the lamp posts between the camera and the cabinet.

The trial site will involve installing a camera and transmitter on a lamp post in Westmoreland Road and repeater boxes on a series of nearby posts to transmit the signal back to a cabinet located on Pines Way.

You may see a vehicle with an elevated platform working between Westmoreland Road and Pines Way, plus some localised work on Pines Way to install the cabinet and connect to the existing underground fibre optic cabling. We will try to keep disruption to a minimum and apologise if any inconvenience is caused.

**Bath & North East
Somerset Council**

