

**The Essex County Council (Maldon District) (Prohibition of Waiting, Loading and Stopping) and (On-Street Parking Places) (Civil Enforcement Area) (Amendment No.22) Order 202\*.**

**STATEMENT OF REASONS:**

The proposed site of Victoria Road, Maldon, CM9 5HE has been chosen as a viable location for an EV charging point to enable accessible charging to those residents who do not have access to off-street parking. The proposal covers the installation of 1 EV charge point and 2 associated parking bays for the users of the charge point to use while charging their vehicles. There are properties without access to off-street parking in the vicinity of this location and the site was a suggestion from project partners. This was followed up by site surveys to ensure that this location was safe and suitable and meets the requirements for the On-street Residential Charge Point Scheme Project (ORCS) On-Street Residential Charge point Scheme guidance for local authorities - GOV.UK. The site has gone through ECC internal governance and has been approved by councillors.

The proposed charge point and parking bays are located approximately 20m north east of the junction of Victoria Road and High Street. The charge points will extend a maximum of 0.45m from the kerb line so as not to impede pedestrians. The model of charge point does not require any electrical ducting; the connection is straight into the charge point pole. So, there is no need to have an external feeder pillar installed on the highway. The proposed charging point unit has approximate dimensions of 1400mm (height) x 330mm (width) x 340mm (depth).

The charge points can be accessed by anyone using contactless debit/credit cards, most roaming network RFID cards or the charge point operator (CPO), Qwello, have an app which is free to download and use. The charge points will be slow charging 11KW chargers which are ideal for residents, these chargers will not be attractive to those who want rapid charging as we do not want to make the charge points a "destination" for people to travel to in order to use. The charge point will have parking sensors in so this monitors if a vehicle is just parked in the bay and not charging. The charge points will have minimal light pollution, lights on the charge point are designed with modern, energy-efficient LED technology, which directs light downward and minimises spillover. They emit only the amount of light necessary to illuminate the immediate area, reducing unnecessary brightness.

The charge points themselves are housed in thick powder coated metal housings, designed to resist minor impacts. The charge points are parallel to the road and a design such as this rarely incurs vehicle impact. If necessary, the charge points can be protected with wheel stops or strong stainless-steel bollards. All charge points and connecting components such as the feeder pillar are suitably fused to prevent any electrical risk.

If any issues occur with the charge point resulting in a danger to public safety, for example, exposed cables, then the DNO - UK Power Networks, have a 2-hour resolution time.

There is a current TRO in place for "Permit Holders Only Zone 4", we would like to change the current TRO to the order below. This is be proposed to ensure that the EV parking bays are accessible to those residents wanting to charge their EV vehicle.

"Effect of the order: To provide parking spaces and electric vehicle charge points for the sole use of plug-in electric vehicles, provided they are plugged in to the electric vehicle charge point and are actively charging. This order applies 24hours, 7 days a week, 365 days per year. Between the hours of 8:00am and 6:00pm Monday-Sunday, electric vehicles are allowed to be parked whilst actively charging for a maximum period of 4 hours, no return within 2 hours. Between 6:00pm and

8:00am there are no restrictions on the length of time a vehicle can be actively charging for, if it is actively charging.”

It is recognised that using home EV chargers is the most convenient and economical way of charging an EV, however, there is a high proportion of households within Essex who do not have the facility to charge their vehicles at home we are committed to ensuring that EV charging is accessible for all those who wish to use it.

In June 2024 the Essex Electric Vehicle Charge Point Strategy, “Right Charger, Right Place” was adopted by Essex County Council. Within the strategy one of the measures included is the provision of charge points for current and future residential EV users who do not have access to off-street charging and where there are not negative impacts on the local environment. This will partly be achieved by the roll out of chargers installed through grant funding such as ORCS. Long term maintenance and upgrading of the charging points will be delivered by the Charge Point Operators (CPOs) and long-term contracts with Essex County Council have ensured the longevity, relevance, and equitable distribution of the charging points around the county.