

**The Essex County Council (Epping Forest District) (Prohibition of Waiting,
Loading and Stopping) and (On-Street Parking Places) (Civil Enforcement
Area) (Amendment No.49) Order 202***

Statement of Reasons

The proposed site of station way, Buckhurst Hill, Epping, IG9 6LL has been chosen as a location suitable for x2 Electric Vehicle (EV) charging points to facilitate accessible charging to those residents who do not have access to off-street parking. There are properties without access to off-street parking in the vicinity of this location and the site was a suggestion from a member of the public through our 'EV Portal' [Request a charge point](#).

This was followed up by site surveys to ensure that this location is safe, suitable and meets the requirements for the On-street Residential Charge Point Scheme Project (ORCS) [On-Street Residential Chargepoint Scheme guidance for local authorities - GOV.UK](#). This site has been through internal governance and has been approved by councillors.

We want to enable residents who live in houses without off-street parking along this street to be able to access EV charging at home. We are proposing to change the TRO for these EV parking spaces from resident permit parking to 'EV Only', the change is only relevant to the x2 parking bays. We believe the benefit of introducing spaces for residents to charge their EVs is important and necessary to facilitate the roll out of EV Infrastructure, we want all residents to have a fair chance to access charging facilities. We propose to introduce these bays outside the shopping parade rather than directly outside someone's property. We have worked with Essex Highways (EH) on this location to ensure we selected what we feel is the most suitable site along Station Way. TRO changes mean it won't attract commuters from the train station with an EV to park there because there will be a 4hr limit on how long they can stay for.

It is important to ensure ample EV charging for residents with EVs now and in the future. With the government ban on the sale of new petrol and diesel vehicles coming into force in 2030, we want to be prepared to meet the demand and ensure everyone can access EV charging.

The key driver for this project is transport decarbonisation. Essex County Council (ECC) has made a commitment to become net zero by 2050. Almost half of the counties' greenhouse gas emissions come from transport. There is a significant opportunity to reduce transport emissions. We understand that sometimes car journeys are necessary, and there are opportunities to reduce the quantity of emissions that petrol and diesel vehicles currently contribute, by enabling a sustainable transition away from internal combustion engine (ICE) vehicles towards more sustainable modes of transport, including walking, cycling, public transport and to electric vehicles (EVs).

The proposed charge points and parking bays are located approximately 50 metres west of Walnut Way. The charge points will extend a maximum of 0.45 metres from the kerb line so as not to impede pedestrians. There will be a feeder pillar installed to the rear of the pavement. The proposed charging point unit has approximate dimensions of 2.385 metres (height) x 0.248 metres (width) x 0.392 metres (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, 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 "Resident Permit Parking Mon – Fri 10am – 2.30pm". We would like to change the current TRO to the order below. This is 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 and 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.