



April 26, 2023

Willowick City Council
Attn: Christine Morgan, Council Clerk
30435 Lake Shore Boulevard
Willowick, OH 44095

Members of the Willowick City Council,

As the leading provider of public electric vehicle fast charging infrastructure in Ohio, Tesla respectfully requests that the Council consider a motion to approve hours of operation between 1:00am and 5:00am for our proposed electric vehicle (EV) fast charging Supercharger station at 30280 Lake Shore Blvd. This station would be the first electric vehicle fast charging station in the city of Willowick.

Tesla's Supercharger network serves quick charging needs for EV drivers on road trips with limited time to charge, and without access to charging at home or at the workplace. Having deployed the Supercharger network over the past decade, Tesla's primary focus has been on providing a superior and safe customer experience. This means providing seamless, reliable and transparent charging access across the country. Additionally, Tesla has been able to streamline the user experience via the in-vehicle user interface that not only provides a seamless plug and charge experience but also provides in depth insight on our charging locations, availability and cost to charge at each site prior to the customer ever arriving to that site to charge. Bringing this seamless customer experience to EV charging will ultimately make owning an EV more attractive because the charging experience will be fundamentally better than filling up a gas vehicle. Charging access is critical for EV adoption and it is for these reasons that we operate our sites on a 24/7 basis.

With that said, Tesla shares the city of Willowick's goal to preserve public peace and ensure the safety of its residents. **Safety on site is our priority and we've included design elements to support that.** The site will be illuminated and inward shielded to minimize light pollution, ensuring a safe environment for drivers while minimizing impact on surrounding neighbors. This site will also be located in a highly visible location along the main thoroughfare. All of this will ensure safe maneuvering in and out of the station, create a deterrence on criminal activity, and preserve driver confidence and comfort while charging.

Moreover, **we expect noise from the site to be minimal and unobtrusive.** Typical noise output from our equipment, at 1m, is 65 dBA for the posts and 35 dBA for the cabinets. When compared to a Yale



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study on environmental noise, this is comparable to or below the noise output of a household vacuum cleaner, at peak utilization.

Lastly, **we do not anticipate high utilization from 1:00am to 5:00am**. Generally, peak utilization of our stations takes place between 10:00am to 5:00pm, which coincides with normal hours of commercial activity. We do anticipate a small percentage of drivers will visit the site between 1:00am and 5:00am, but those drivers will be in the minority.

We appreciate the opportunity to provide these comments and look forward to continued collaboration with the City of Willowick.

Sincerely,

Tessa Sanchez
Sr. Policy and Business Development Advisor
Tesla

755.09 HOURS OF OPERATION LIMITED.

No person operating a commercial establishment in the City, whose hours of operation are not defined by a license or permit issued by the State or any department or subdivision thereof, shall conduct the business of such commercial establishment between 1:00 a.m. and 5:00 a.m. However, Council may, by motion and for good cause shown, approve hours of operation between 1:00 a.m. and 5:00 a.m. where it determines that no hazard to public peace or safety will be created by such extended hours of operation.

(Ord. 86-55. Passed 11-18-86; Ord. 2013-23. Passed 5-21-13.)