

TESLA

SUPERCHARGER NETWORK



Narrative Letter Tesla Supercharger Station Mesa, AZ

Project Contact

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Statement of Proposal

Tesla, Inc. (Tesla) is requesting an administrative design review for the proposed installation of an electric vehicle charging station on land zoned as Light Industrial (LI-CUP). The use is in conformance with all required standards and criteria of the local code. This project will not have an adverse impact on the surrounding area as detailed in the below narrative.



At A Glance: Mesa, AZ Supercharger Installation	
Location	1859 S. Stapley Drive, Mesa, AZ 85204
Land Owner	DSW Mesa Grand Spectrum LLC.
Utility Service Territory	SRP
# of Dedicated Charging Stalls	12
# of Enabled Charging Stalls	0

Existing Conditions

Location and Access

Located at 1859 S. Stapley Drive, this project involves the installation of a new electric vehicle charging station that will serve the Tesla community travelling along U.S. Route 60 and through Mesa. The site is located within the LI-CUP zone and is accessed from E. Baseline Road to the South and S. Stapley Drive to the West.

Property Owner

The site is owned by DSW Mesa Grand Spectrum LLC.

Zoning

All parcels associated with the Project are zoned as LI-CUP, Light Industrial – Council Use Permit, by City of Mesa. This use is consistent with the zone’s permitted uses as outlined in the City of Mesa Zoning Ordinance.

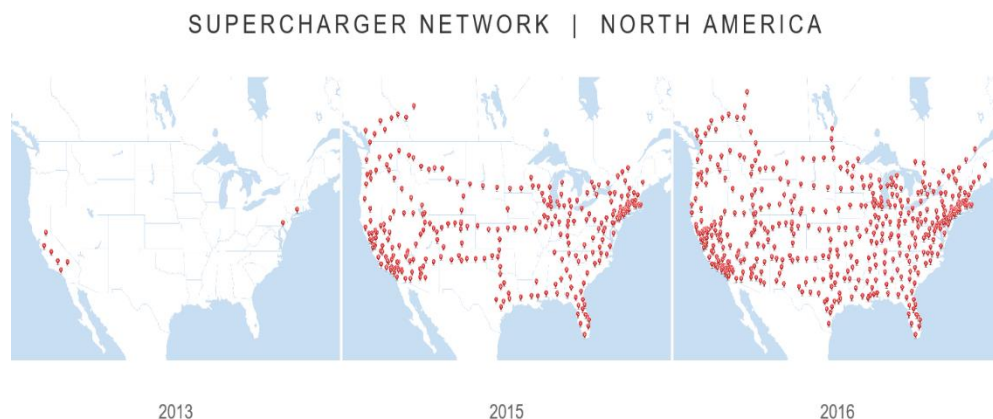
Tesla will comply with all local, state, and federal requirements in the permitting required for this project.

Current Use of Land and Adjacent Areas

The location is an existing parking lot adjacent to a number of dining and shopping opportunities. The surrounding area consists of a large retail development with a number of big-box and local stores that that will be utilized by Tesla owners. This area offers an excellent location for Tesla’s supercharging infrastructure due to its proximity to U.S. Route 60, major thoroughfares, and numerous shopping and dining options. This project will result in a premium charging experience for customers as well as bolster the growing electric vehicle charging infrastructure of Mesa and the surrounding communities.

Supercharger Basics

The Supercharger network is our answer to long distance electric vehicle travel. Superchargers enable travel to popular destinations and charge Model S, Model 3, Model Y and Model X in minutes, giving owners the confidence to travel near or far. Tesla Superchargers are 480-volt fast-charging stations built to allow quick charging (45-90 minutes) for Tesla vehicles. This type of charging infrastructure allows for longer trips for Tesla owners. As electric vehicles become more popular amongst drivers, there has been an increased demand for charging infrastructure.



Project Overview

This is an ideal location for Supercharger due to its location near U.S. Route 60 and major thoroughfares. The site will run 24 hours a day, 7 days a week.

When exploring potential Supercharger locations, Tesla searches for locations that offer amenities matching the needs of our owners and their expected dwell-time. The goal is to provide a safe and enjoyable environment while providing sufficient utility infrastructure to accommodate the load requirements of the station.

Location

Within the shopping center, Tesla has specifically chosen stalls that are to be considered less-prime parking stalls as they are located further from the facilities that serve this area. This ensures that the existing clientele base does not experience any adverse impacts from the installation and discourages non-electric vehicles from parking in the Tesla Supercharger stalls. Tesla has worked with the land owner to find the best installation location for the shopping center while still providing a premium charging experience for electric vehicle owners.

Interconnection

The Project is located in SRP's service territory. The electricity required for this project will be supplied from a newly installed transformer located on site as shown in the site design.

To accommodate 12 Charging Posts, Tesla will install 3 V3 Supercharger Cabinets. Electrical details for the cabinets and posts can be found in the electrical portion of the project plans. The installation will also include (1) switchgear assembly, and (1) utility transformer.

Justification

The Tesla Supercharger installation will add to the overall stable and desirable environment on site and the proposed installation maintains consistency with the stated objectives of the City of Mesa Code of Ordinances. The intended use of this site is for Tesla electric vehicles to charge quickly during travel, while also providing Tesla users with an ample number of amenities to enjoy while charging.

This project is being coordinated with SRP and will include the installation of a new utility transformer on site. The only public utilities needed to support this project are electrical through SRP.

This installation is located within the existing parking lot and will not have adverse impacts on surrounding properties. The surrounding properties designations are included below:

1. N of subject site: Parcel #139-10-016; Zoning Designation: LI-CUP
2. S of subject site: Parcel #314-01-002; Zoning Designation: GC (Town of Gilbert)
3. E of subject site: Parcel #139-11-095; Zoning Designation: LC
4. W of subject site: Parcel #139-10-016; Zoning Designation: LI-CUP