

From: [Steve Gjerdingen](#)
To: [*CI-StPaul_Contact-Council](#)
Subject: Re: My public comment yesterday about EV Charger requirements
Date: Thursday, April 4, 2024 11:51:32 AM

Hi Greg,

Thanks for your response. Did the council see my email as well? So if I understand correctly, these are the rules:

- 1) Less than 30 spaces: Conduit only
- 2) More than 30 spaces: Conduit and wire required.

So it would seem my concern is definitely valid for businesses that would have more than 30 spaces. I'm interested in the answer to my concern for that use-case. What will be the safeguard to copper theft in that situation? Would the city council consider postponing the passing of this ordinance (or changing it to require conduit-only for all businesses) until that has been thought through better?

--Steve Gjerdingen

On Thu, Apr 4, 2024 at 11:40 AM *CI-StPaul_Contact-Council <Contact-Council@ci.stpaul.mn.us> wrote:

Hi Steve,

Here is what the language of the ordinance says:

For surface parking facilities with more than fifteen (15) parking spaces that require site plan review per Sec. 63.202, electric vehicles shall be accommodated as follows:

(a) At least eighty (80) percent of the facility's parking spaces must have an electrical conduit or raceway connection to electrical service with sufficient panel space reserved that is capable of operating at Level 2 (208 Volts) or greater power.

(b) Additionally, for surface parking facilities with more than thirty (30) spaces that require site plan review per Sec. 63.202, at least one (1) of the spaces per each thirty (30) must be served by installed wiring in electrical conduit or raceway, and electrical service sufficient to supply electric vehicle charging at a minimum of 208 Volts power level. Such space may or may not include the associated above-ground charging equipment for charging an electric vehicle.

Conduit and raceway required above shall be installed in accordance with the

Minnesota State Building Code and National Electrical Code, including with regard to sizing and location, and shall be capped. The amounts of electric vehicles parking infrastructure for structured parking shall be as directed by the Minnesota State Building Code.

I hope this helps.

Thanks,

Greg Weiner

Executive Assistant – City Council

Saint Paul City Council

Greg.Weiner@ci.stpaul.mn.us

651-266-8512

He/him/his

From: Steve Gjerdingen <segjerdingen@gmail.com>

Sent: Thursday, April 4, 2024 11:37 AM

To: *CI-StPaul_Contact-Council <Contact-Council@ci.stpaul.mn.us>

Subject: My public comment yesterday about EV Charger requirements

Dear City Council,

Yesterday during the council meeting, I requested a postponement of requiring EV Chargers for businesses until the city of St. Paul gets a handle on the copper theft issue. Council President Jalali noted that while businesses would be required to install the infrastructure for EV chargers, the charging stations would not be required at this time.

I had a followup question: Will the required upfront EV infrastructure mean that the in-ground wiring would be required as well or just the conduits (so that the business can run wire later if they'd like)?

This is a critical distinction. The reason I ask is because copper thieves have been breaking into ground vaults for electrical and stealing wires. Even if there isn't a charging station on the surface, if wires are required to be present in the ground, you better believe that thieves will be targeting these wires. I'm just trying to save new businesses the hassle of dealing with frequently recurring and expensive infrastructure replacement costs (and the

demoralization that goes along with them). I'm concerned this could become another factor that would discourage new development from happening in St. Paul.

--Steve Gjerdingen