



City of Madison

City of Madison
Madison, WI 53703
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Master

File Number: 61929

File ID: 61929

File Type: Ordinance

Status: Recessed Public
Hearing

Version: 2

Reference:

Controlling Body: COMMON
COUNCIL

Lead Referral: PLAN COMMISSION

Cost:

File Created Date : 08/25/2020

File Name: SUBSTITUTE - Electric Vehicle Parking

Final Action:

Title: SUBSTITUTE - Amending Sections 28.211, 28.061, 28.072, 28.082 and 28.091 and Creating Section 28.141(8)(e) of the Madison General Ordinances to create a new use, Electric Vehicle Charging Facility, and to require that certain parking facilities are constructed or reconstructed to include a specified amount of Electric Vehicle Ready Spaces and Electric Vehicle Installed Spaces.

Notes: 6310electricvehparkSUB

Code Sections:

CC Agenda Date: 11/17/2020

Indexes:

Agenda Number: 4.

Sponsors: Syed Abbas, Tag Evers, Grant Foster, Max Prestigiacomio, Satya V. Rhodes-Conway, Patrick W. Heck and Michael E. Verveer

Effective Date:

Attachments: 61929 Body.pdf, SMC_61929_Emails.pdf, RENEW Wisconsin_EV Parking Statement.pdf, Comments.pdf, 61929 Version 1.pdf, 61929 Body SUBSTITUTE.pdf, Zoning Text Memo 11-9-20.pdf, Comments_to_Alders.pdf, Mendez_Comment_11-04-20.pdf, Pensack_Comments.pdf, Barr_Comments.pdf, EV Ordinance_PC_11.09.2020_Presentation.pdf, Emails_SMC_10.30.2020.pdf, EV Charging Station Ordinance Ignores 100% Renewable Madison.pdf

Enactment Number:

Author: Doran Viste

Hearing Date:

Entered by: jphelps@cityofmadison.com

Published Date:

Approval History

Version	Date	Approver	Action
1		Michael Haas	Approved as to Form
1		Brent Sloat	Approve
2		Michael Haas	Approved as to Form
2		Ryan Pennington	Approve

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	Attorney's Office	08/25/2020	Referred for Introduction				
	Notes:						
1	COMMON COUNCIL	09/01/2020	Refer For Public Hearing	PLAN COMMISSION		11/09/2020	Pass
	Notes:						
1	PLAN COMMISSION	09/01/2020	Refer For Public Hearing	SUSTAINABLE MADISON COMMITTEE		10/05/2020	
	Notes:						
1	SUSTAINABLE MADISON COMMITTEE	10/05/2020	Return to Lead with the Following Recommendation(s)	PLAN COMMISSION		11/09/2020	Pass
	Notes:						
1	COMMON COUNCIL	10/20/2020	Re-refer for Recessed Public Hearing	PLAN COMMISSION		11/09/2020	Pass
	Notes:						
1	PLAN COMMISSION	10/20/2020	Refer	TRANSPORTATION POLICY AND PLANNING BOARD		11/02/2020	
	Notes:						
1	TRANSPORTATION POLICY AND PLANNING BOARD	11/02/2020	Return to Lead with the Recommendation for Approval	PLAN COMMISSION		11/09/2020	Pass

2 PLAN COMMISSION 11/09/2020 RECOMMEND TO COUNCIL TO ADOPT WITH CONDITIONS - RECESSED PUBLIC HEARING Pass

Notes: On a motion by Ald. Heck, seconded by Ald. Lemmer, the Plan Commission found the standards met and recommended approval of a second substitute for the zoning text amendment to revise the proposed ordinance as follows:

- Amend proposed language in Section 28.141(8)(e)1. of the current substitute as follows:
"1. Applicability. The requirements of this subdivision shall apply to any new parking facility, or to any parking facility that is expanded by 50%, as measured in parking spaces being created after January 1, 2021. A parking facility may be maintained or reconstructed without triggering the requirements of this subdivision. However, where more than 50% 10,000 square feet of the paving and base in place on January 1, 2021 is removed from an existing parking lot and new paving and base is installed, these requirements shall apply."

The motion to recommend approval of the second substitute passed by voice vote/ other.

The motion to recommend approval superseded an earlier motion by Cantrell, seconded by Ald. Rummel, to recommended approval of the current substitute for the zoning text amendment.

2 COMMON COUNCIL 11/17/2020 Re-refer for COMMON COUNCIL Hearing Pass

Notes: Common Council 12/1/20

Text of Legislative File 61929

Fiscal Note

No City appropriation required.

Title

SUBSTITUTE - Amending Sections 28.211, 28.061, 28.072, 28.082 and 28.091 and Creating Section 28.141(8)(e) of the Madison General Ordinances to create a new use, Electric Vehicle Charging Facility, and to require that certain parking facilities are constructed or reconstructed to include a specified amount of Electric Vehicle Ready Spaces and Electric Vehicle Installed Spaces.

Body

DRAFTER'S ANALYSIS: This ordinance addresses charging stations and charging facilities for electric cars. Because of the different needs associated with them, this ordinance does not address electric bicycles, which will have to be addressed in a separate ordinance. That is consistent with recent state law changes that exclude electric bicycles from the definition of "motor vehicle".

This ordinance would create a new use in the Zoning Code, Electric Vehicle Charging Facility. This would be a stand-alone facility existing for the purpose of providing electric vehicle charging on a retail basis-like a gas station. These facilities may not also sell other types of vehicle fuel, such as gasoline. Under this ordinance, these facilities would be permitted uses in the Neighborhood Mixed-Use (NMX), the Traditional Shopping Street (TSS), Mixed-Use Center (MXC), Commercial Center Transitional (CC-T), Commercial Center (CC), Downtown Core (DC), Urban Office Residential (UOR), Urban Mixed Use (UMX), Traditional Employment (TE), Suburban Employment (SE), Suburban Employment Center (SEC), Employment Campus (EC), Parks and Recreation (PR), and Airport (AP) districts.

This ordinance also creates a requirement that certain commercial and residential parking facilities of a certain size and constructed after the effective date of this ordinance be

constructed so that up to 50% of all spaces are electric vehicle ~~capable-ready~~ (served with conduit/raceways and panel capacity to allow for the future installation of an EV charging station) and up to 10% of all spaces be ~~electric vehicle ready~~ (served by with at least a Level II electric vehicle charging station). These EV ~~capable ready~~ and EV ~~ready-installed~~ requirements will phase in 5-year increments, beginning on January 1, 2021, to account for current and future market needs.

The purpose of this amendment is to ensure and encourage the present and future availability of electric vehicle charging stations in parking facilities throughout the City. Future projections are that by 2038, EV sales nationwide will eclipse internal combustion engine vehicle sales and that by 2040 over 57% of the total new car market will be for EVs. In Madison, recent data showed that 1.9% of new vehicles sold were electric vehicles-the highest such rate in the Midwest. Additionally, EV sales in Wisconsin increased by 24% from 2017 to 2018. As electric vehicles see greater adoption by the market, and to meet the projected increased future demand for charging infrastructure, it will be necessary to retrofit older parking facilities. This ordinance ensures that not only will current and near-term charging station demand be met, but that future charging station demand can be cost-effectively provided. It is far cheaper and more efficient to build EV ~~capable ready~~ and EV ~~installed~~ spaces at the time of new construction than to retrofit parking facilities in the future.

This substitute clarifies the definitions used to make it clear that an EV ready space is a parking space that has the existing infrastructure capacity to be served with EVSE in the future, while an EV installed space is a space that is actually served by an electric vehicle charging station. In addition this substitute makes it clear that these requirements apply to new parking lots, or existing parking lots where significant additions occur (50% or more new spaces added) or where significant reconstruction occurs (50% or more of the existing paving and base is removed and replaced).

The Common Council of the City of Madison do hereby ordain as follows:

Please see "61929 Body SUBSTITUTE" in Attachments.