



City of Madison

City of Madison
Madison, WI 53703
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Master

File Number: 61929

File ID: 61929	File Type: Ordinance	Status: Items Referred
Version: 1	Reference:	Controlling Body: TRANSPORTATION POLICY AND PLANNING BOARD
Lead Referral: PLAN COMMISSION	Cost:	File Created Date : 08/25/2020
File Name: Electric Vehicle Parking	Final Action:	
<p>Title: 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 future parking facilities are constructed to include a specified amount of Electric Vehicle Capable and Electric Vehicle Ready spaces.</p>		
Notes: 6310electricvehpark		
Code Sections:	CC Agenda Date: 09/01/2020	
Indexes:	Agenda Number: 6.	
Sponsors: Syed Abbas and Max Prestigiacomio	Effective Date:	
Attachments: 61929 Body.pdf, SMC_61929_Emails.pdf, RENEW Wisconsin_EV Parking Statement.pdf, Comments.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

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: Plan Commission, Public Hearings, Sustainable Madison Committee (9/28/20), Plan Commission (10/5/20), Common Council (10/20/20)							

1	COMMON COUNCIL	09/01/2020	Refer For Public Hearing	PLAN COMMISSION	Pass
	Notes: Additional Referrals to Sustainable Madison Committee (9/28/20), Plan Commission (10/5/20)				
1	PLAN COMMISSION	09/01/2020	Refer For Public Hearing	SUSTAINABLE MADISON COMMITTEE	
	Notes:				
1	SUSTAINABLE MADISON COMMITTEE	10/05/2020			
1	COMMON COUNCIL	10/20/2020	Re-refer for Recessed Public Hearing	PLAN COMMISSION	Pass
	Notes: Additional referral to Transportation Policy and Planning Board (11/2/20)				
1	PLAN COMMISSION	10/20/2020	Refer	TRANSPORTATION POLICY AND PLANNING BOARD	
	Notes:				
1	TRANSPORTATION POLICY AND PLANNING BOARD	11/02/2020			
1	PLAN COMMISSION	11/09/2020			

Text of Legislative File 61929

Fiscal Note

No City appropriation required.

Title

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 future parking facilities are constructed to include a specified amount of Electric Vehicle Capable and Electric Vehicle Ready spaces.

Body

DRAFTER'S ANALYSIS: This ordinance creates 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 (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 with at least a Level II electric vehicle charging station). These EV capable and EV ready requirements will phase in over 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 spaces at the time of new construction than to retrofit parking facilities in the future.

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

Please see "61929 Body" in Attachments.