

ORDINANCE NO. 2023-032

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF COCONUT CREEK, FLORIDA, AMENDING THE CITY'S CODE OF ORDINANCES, BY AMENDING CHAPTER 6, "BUILDINGS AND BUILDING REGULATIONS," ARTICLE I, "IN GENERAL," TO CREATE SECTION 6-1, "ELECTRIC VEHICLE CHARGING STATION DESIGN GUIDELINES" TO PROVIDE INSTALLATION REQUIREMENTS FOR ELECTRIC VEHICLE CHARGERS AND ELECTRIC VEHICLE CHARGER READY INFRASTRUCTURE; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CODIFICATION; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Commission recognizes that changes to the adopted Code of Ordinances are periodically necessary in order to ensure that regulations are current and consistent with the City's regulatory needs; and

WHEREAS, the City of Coconut Creek recognizes the environmental benefits of accommodating electric vehicles (EV); and

WHEREAS, a University of Michigan Study shows that electric vehicles reduce greenhouse gas emissions by sixty-four percent (64%) over the lifetime of the vehicle, as compared to gasoline and diesel-powered vehicles (Maxwell Woody et al 2022 Environ. Res. Lett. 17 034031); and

WHEREAS, the reduced emissions and opportunities to improve our environment make it desirable to support the installation of infrastructure and charging facilities to support electric vehicle use; and

WHEREAS, the City has received increased interest from property developers, desiring to install EV charging facilities or EV-ready infrastructure and is eager to support the development community in its efforts to build and design for the future; and

WHEREAS, the City Commission finds it to be in the best interest of the residents and property owners of the City to update Chapter 6 of the Code of Ordinances to assist

the community when they choose to provide EV charging facilities.

NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF COCONUT CREEK HEREBY ORDAINS:

Section 1: Ratification. That the foregoing “WHEREAS” clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this ordinance.

Section 2: Code Amendment. That the Code of Ordinances of the City of Coconut Creek, Florida, Chapter 6, “Buildings and Building Regulations,” Article I, “In General,” is hereby amended by creating Section 6-1, “Electric Vehicle Charging Station Design Guidelines” to read and provide as follows:

Chapter 6 - BUILDINGS AND BUILDING REGULATIONS

ARTICLE I. - IN GENERAL

Section 6-1. – Electric Vehicle Charging Station Design Guidelines

- (a) Purpose. These regulations are intended to support community and development efforts throughout the City to serve public mobility needs, prepare for emerging electric vehicle technologies, improving air quality, and support City sustainability goals, including climate change mitigation.
- (b) Definitions.
 - (1) EV means an electric vehicle.
 - (2) EV charger means an electric charger designed to charge electric vehicles.
 - (3) EV ready means the provision of infrastructure, including electric wiring, conduit, receptacle/junction box, and circuit breaker(s), etc. necessary to readily accommodate future installation of an EV charger.
 - (4) Level 2 charger means a minimum 240 volt electrical station as Level 2 chargers are regulated and defined in the Florida Building Code, as amended and applicable at time of permitting.
 - (5) Level 3 charger means a DC fast charger as Level 3 chargers are regulated and defined in the Florida Building Code, as amended and applicable at time of permitting.
- (c) Residential, commercial, or industrial developments or uses that elect to provide one (1) or more EV stations or one (1) or more EV ready locations shall provide such facilities as follows:

- (1) Installed EV chargers shall be minimum Level 2 chargers but may be Level 3 chargers.
- (2) EV ready locations shall provide required infrastructure to support at least a Level 2 charger. Infrastructure shall be installed up to the point where the charging station will be located to access the parking space.
- (3) Where indoor parking locations are available, garage installation of EV chargers or EV ready infrastructure is recommended.
- (4) Residential EV chargers or EV ready infrastructure located outdoors shall be wall mounted and shall be positioned at the most convenient, but secure, location to serve the parking space.
- (5) Non-residential EV chargers or EV ready infrastructure must be located in a manner that maintains handicap access (including ensuring that a plugged in electrical charging cord does not block access from parking space to the sidewalk when the EV charger is plugged into the EV), and ensures that all sidewalks maintain a minimum five (5) foot clear path.
- (6) Retractable cords are strongly recommended for all multi-user or public facing EV chargers in order to minimize maintenance and cord damage and replacement costs.
- (7) Where required by the Florida Building Code, handicap accessible chargers shall be provided.
- (8) For multi-family and non-residential EV chargers, an identification sign shall be posted at each EV station stating, "Electric Vehicle Charging Station." Sign face area shall be no greater than twenty-four (24) inches by eighteen (18) inches. Color and letter size specifications shall meet the Manual on Uniform Traffic Control Devices (MUTCD) requirements for sign designation (electric vehicle charging).
- (9) Multi-family and non-residential EV chargers may provide an electronic instructional screen subject to the following:
 - i. The screen shall not exceed ten (10) inches diagonally;
 - ii. The screen shall not face, or be visible from, any public right-of-way;
 - iii. No volume or sound permitted, except as required for handicap accessibility;
 - iv. No odors permitted; and
 - v. The screen display shall be a static, non-changing display, except when a vehicle is charging.

vi. A screen which meets all requirements of this section shall not be considered a sign.

(d) Electric Vehicle Charging Plan. EV charger and EV ready locations and adjacent space dimensions shall be documented through the building permit process.

Secs. 6-16.2 –6-15. – Reserved.

Section 3: Conflicts. That all ordinances or parts of ordinances, all City Code sections or parts of City Code sections, and all resolutions or parts of resolutions in conflict with this ordinance are hereby repealed to the extent of such conflict.

Section 4: Severability. That should any section or provision of this ordinance or any portion thereof, any paragraph, sentence, clause or word be declared by a court of competent jurisdiction to be invalid, such decision shall not affect the validity of the remainder hereof as a whole or part hereof other than the part declared invalid.

Section 5: Codification. That the provisions of this ordinance shall be codified within the Code of Ordinances of the City of Coconut Creek, Florida, and any paragraph or section may be renumbered to conform with the Code of Ordinances.

Section 6: Effective Date. That this ordinance shall become effective upon its passage on second and final reading.

PASSED FIRST READING THIS 26TH DAY OF OCTOBER, 2023.

PASSED SECOND READING THIS 9TH DAY OF NOVEMBER, 2023.

Joshua Rydell, Mayor

Attest:

Joseph J. Kavanagh, City Clerk

1st

2nd

Rydell	<u>Aye</u>	<u>Aye</u>
Welch	<u>Aye</u>	<u>Aye</u>
Railey	<u>Aye</u>	<u>Aye</u>
Brodie	<u>Aye</u>	<u>Aye</u>
Wasserman	<u>Aye</u>	<u>Aye</u>