

**CITY OF ROY, WASHINGTON**

**ORDINANCE NO. 852**

**AN ORDINANCE OF THE CITY OF ROY, PIERCE COUNTY, WASHINGTON, AMENDING THE ROY MUNICIPAL CODE, *TITLE 11, DEVELOPMENT CODE*, TO ESTABLISH REGULATIONS TO ALLOW ELECTRIC VEHICLE CHARGING STATIONS**

**WHEREAS**, during the 2009 session the Washington State Legislature passed House Bill 1481 (hereinafter HB 1481) an Act relating to electric vehicles; and

**WHEREAS**, Section 12 of HB 1481 codified as RCW 36.70A.695 requires all municipalities required to plan under the Growth Management Act with a population under 20,000 to adopt regulations that allow battery charging stations by July 1, 2011; and

**WHEREAS**, the City of Roy is a municipality required to plan under the Growth Management Act with a population under 20,000; and

**NOW THEREFORE**, be it ordained by the Roy City Council as follows:

Section 1. The Table of Contents of Chapter 11-22 of Exhibit A of Ordinance No. 836

adopted by referenced as Title 11 Land Development Code is hereby amended as

follows:

***CHAPTER 11-22 SPECIFIC USE AND STRUCTURE REGULATIONS***

**SECTION:**

- 11-22-1 Purpose
- 11-22-2 Setback, yard, and minimum lot width determination
- 11-22-3 Accessory buildings
- 11-22-4 Fences, walls and hedges
- 11-22-5 Clear vision triangle
- 11-22-6 Garage placement and width
- 11-22-7 Height exceptions
- 11-22-8 Performance standards
- 11-22-9 Manufactured/mobile housing development
- 11-22-10 Family day-care facilities
- 11-22-11 Bed and breakfast establishments
- 11-22-12 Accessory dwelling units (ADUs)

11-22-13	Home occupations
11-22-14	Adult entertainment establishments
11-22-15	Temporary accessory structures and uses
11-22-16	Pedestrian plazas
11-22-17	Large retail establishments
11-22-18	Outdoor lighting
11-22-19	Drive-through and drive-up facilities
11-22-20	Floor area ratios
11-22-21	Siting of essential public facilities
11-22-22	Nonconforming lots, uses and structure
11-22-23	<u>Electrical Vehicle Charging Stations</u>

Section 2. A new Section 11-22-23 is hereby added to Exhibit A of Ordinance No. 836 adopted by referenced as Title 11 Land Development Code as follows:

11-22-23 Electric Vehicle Charging Stations:

A. Purpose. To ensure the effective installation of electrical vehicle charging stations. Where any other provisions of the Roy Municipal Code directly conflict with this Chapter, this Chapter shall control. Where no conflict exists, all other City Code provisions shall be in force as to EVI Charging Stations as applicable.

B. Permitted. Level 1 and 2 electrical vehicle charging stations are allowed in all residential zones. Level 3 allowed in residential zone with the approval of a Conditional Use Permit as established in Chapter 34 of Title 11. Level 1, 2 and 3 electrical vehicle charging stations are allowed in all commercial and industrial zones.

C. Designation. An electronic vehicle station is a public or private parking space(s) that are served by battery charging equipment with the propose of transferring electric energy to a battery or other energy storage device in an electrical vehicle and is classified based on the following levels:

1. Level 1 is considered slow charging and operates on a 15 to 20 amp breaker on a 120 volt AC circuit.

2. Level 2 is considered medium charging and operates on a 40 to 100 amp breaker on a 208 or 240 volt AC circuit.

3. Level 3 is considered fast or rapid charging and operates on a 60 amp or higher breaker on a 480 volt or higher three phase circuit with special grounding equipment. Level 3 stations can also be referred to as Rapid Charging Stations that are typically characterized by industrial grade electrical outlets that allows for faster recharging of electrical vehicles.

D. Electric Vehicle Charging Stations. Electric vehicle charging stations utilizing parking stalls located in a parking lots or parking garages or on-street parking spaces shall comply with the following standards:

1. Signage. Each charging station space shall be posted with signage indicating the space is only for electric vehicle charging purposes. Directional signage may be provided to guide motorists to charging stations space(s) provided that directional signs shall be consistent with MUTCD D9-11b and D9-11bP.

2. Accessibility. The design and location of the charging stations shall comply with the following barrier free accessibility requirements:

a. Accessible charging stations shall be provided based on the following table:

<b>Number of EV Charging Stations</b>	<b>Minimum Accessible EV Charging Stations</b>
1-50	1
51-100	2

b. Accessible charging stations shall be located in close proximity to the buildings or facility entrance and shall be connected to a barrier-free accessible route of travel.

c. Accessible charging stations shall comply with the requirements of WAC 51-50-005.

3. Lighting. Adequate site lighting shall be provided as required by Section 11-22-18 of Title 11.

4. Charging Station Equipment: Charging station equipment shall comply with the following standards

a. Equipment mounted on pedestals, lighting post, bollards, or other devices for on-street charging stations shall be designed and located as to not impede pedestrian travel or create trip hazards within the right-of-way.

b. Charging station outlets and connector shall be no less than 36 inches or no higher than 48 inches from the top of the surface where mounted and shall contain a retraction device or a place to hang cords and connectors above the ground surface.

c. Equipment shall be protected by wheel stops or concrete-filled bollards.

5. Notification. At all charging stations the following information shall be posted:

a. Voltage and amperage levels

b. Hours of Operations if time limits or tow away provisions are to be enforced by the property owner.

c. Usage Fees

d. Safety Information

e. Contact Information for reporting when the equipment is not operating or other problems.

E. Minimum Parking Requirements: Electric vehicle charging stations located within parking lots or garages may be included in the calculation of the minimum required parking spaces required pursuant to the Parking and Circulation Code ó Chapter 23 of Title 11.

Passed and approved at a regular meeting thereof this 13th day of June, 2011.

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KAREN YATES, Mayor

ATTEST:

APPROVED AS TO FORM:

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DEBRA DEARINGER  
City Clerk-Treasurer

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CATHY PARKER, CITY ATTORNEY  
WSBA# 16406

First Reading: May 9, 2011

Second Reading: May 23, 2011

Third Reading: June 13, 2011