



Snohomish County

Electric Vehicle Infrastructure Requirements

Snohomish County EVI General Approach

- ▶ General Approach
 - Compliance with state requirements
 - Local considerations
 - Prepare for future amendments
- ▶ Planning and Development Services proposal:
 - EVI as a land use in all zoning designations
 - New Definitions
 - Parking regulations
- ▶ Not yet considered by county council

Snohomish County

EVI



- ▶ Considerations for:
 - 1 mile radius of highways
 - Residential zones
 - Critical areas
 - Resource Areas
 - Local Areas of More Intense Rural Development
 - Future amendments

Snohomish County EVI Land Use



- ▶ **Level 1 and 2 allowed as a permitted use:**
 - Restricted; allowed in all zones as an incidental use
 - Public; allowed in mixed use, business and industrial
- ▶ **Level 3**
 - Allowed in mixed use, business and industrial
 - Conditional in residential zones in conjunction with park and rides
- ▶ **Battery Exchange Stations**
 - Allowed in mixed use, business and industrial
 - Conditional in residential zones in conjunction with park and rides

TYPE OF USE (DRAFT)	R9,60 0 ⁸⁸	R8,40 0 ⁸⁸	R7,2 00 ⁸⁸	T	LDM R	MR	NB	PCB	CB	G C	F S	IP ⁷ 6	B P	LI ⁵⁵ , 76	HI ⁵ 5	114	UC ¹ 17
Auto Repair, Major										P		P	P	P	P		P ⁸⁶
Auto Repair, Minor							P	P	P ⁸⁶	P	P	P	P	P	P		P ⁸⁶
Church ⁴¹	C	C	C		P	P	P	P	P	P		P	P	P	P		P
Park-and-Pool	C	C	C	C	C	P	P	P	P	P	P	P	P	P	P		P
Park-and-Ride	C	C	C	C	C	P	P	P	P	P	P	P	P	P	P		P
Schools																	
K-12 & Preschool	C	C	C		C	C			P	P		P	P	P	P		P
College ^{41, 68}	C	C	C		C	C			P	P		P	P	P	P		P
Other ^{41, 68}					C	C			P	P		P	P	P	P		P
<u>Electric Vehicle Infrastructure</u>																	
<u>Electric Vehicle Charging Station – Restricted, Level 1 and Level 2</u> ¹²¹	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>
<u>Electric Vehicle Charging Station – Public, Level 1 and Level 2</u>							<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>		<u>P</u>
<u>Electric Vehicle Charging Station, Level 3</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>		<u>P</u>
<u>Battery Exchange Stations</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>		<u>P</u>

Type of Use (Draft)	Rural Zones								Resource Zones		
	RD	RRT- 10	R-5 112	RB	CRC		RI	F	F&R	A10	MC
Auto Repair, Minor				P ⁷⁸	P	P					
Church ⁴¹	P		C ¹¹⁵	C	P						
Government Structures & Facilities _{27, 41}	C	C	C ¹¹⁵	C	P		C	C	C		C
Park-and-Pool				P	P	P	P				
Park-and-Ride	C	C	C	P		P		C	C	C	
Schools K-12 & Preschool ^{41, 68} College ^{41, 68} Other ^{41, 68}	C		C ¹¹⁵	P			C				
Service Station ⁴¹				P	P	P					
<u>Electric Vehicle Infrastructure</u>											
<u>Electric Vehicle Charging Station – Restricted, Level 1 and Level 2</u> ¹²¹	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>
<u>Electric Vehicle Charging Station – Public, Level 1 and Level 2</u>				<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>				
<u>Electric Vehicle Charging Station, Level 3</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>		<u>C¹²⁰</u>	<u>C¹²⁰</u>	
<u>Battery Exchange Stations</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>C¹²⁰</u>	<u>P</u>	<u>P</u>	<u>P</u>	<u>P</u>		<u>C¹²⁰</u>	<u>C¹²⁰</u>	

Snohomish County EVI



- ▶ Parking
 - On Street/Off Street
- ▶ Definitions
- ▶ Comprehensive Plan
- ▶ Implementation
 - Prior to adoption
 - Signage guidelines
 - Off Street guidelines
 - ADA

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EVI



- ▶ Other EVI topics
 - Signage
 - Incentives
 - Adaptive Management
 - Monitoring

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