

EV READY PARKING COLUMBUS

Electric Vehicle (EV) Ready Parking enables **equitable, affordable, and convenient access** to electric vehicle charging stations for all residents.



What is EV Ready Parking?

EV Ready Parking is a best practice that ensures newly constructed parking spaces can easily and affordably be converted to EV charging stations in the future. It requires that a certain percentage of newly constructed parking spaces include electrical infrastructure at the time of construction.

EV Capable



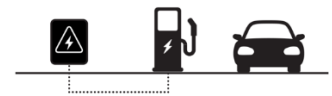
Install electrical panel capacity and run conduit to parking spaces

EV Ready



Run wiring through conduit ending with an outlet

EV Installed



Install a minimum number of Level 2 EV charging stations

Why Adopt EV Ready Parking Standards?



Climate Justice

Enables equitable access to lower-cost transportation for all residents



Economic Incentive

Installation during construction saves 75% in cost compared to retrofit¹



Human Health

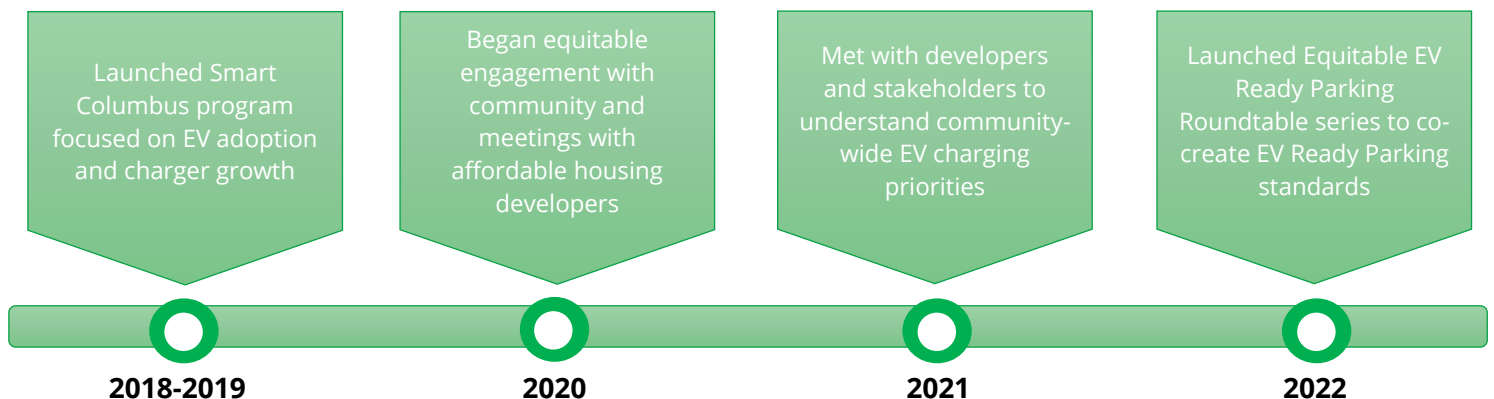
EVs emit no harmful tailpipe emissions, reducing the health impacts of air pollution



Sustainability

EVs in Ohio emit 48% fewer greenhouse gas emissions than gas-powered vehicles²

How Did We Get Here?

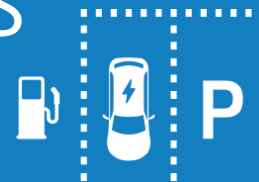


1. <https://energy-solution.com/wp-content/uploads/2016/09/PEV-Infrastructure-Cost-Effectiveness-Summary-Report-2016-07-20b.pdf>

2. https://afdc.energy.gov/vehicles/electric_emissions.html

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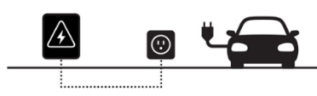
About the Proposed City of Columbus EV Ready Parking Ordinance

After a multiyear stakeholder engagement period, including a dedicated three-month stakeholder meeting series (EV Ready Roundtables), the following proposal reflects EV charging infrastructure minimums based on stakeholder input, community feedback, and EV adoption data. **Columbus solicited additional feedback from diverse audiences through a Public Comment Period from April 25, 2022 – May 25, 2022.** Outputs from the Public Comment Period can be found on [our website](#). The information below reflects updated EV parking minimums based on feedback collected through the Public Comment Period.

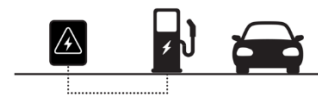
Key definitions



EV Capable: Electrical panel capacity and conduit run



EV Ready: Electrical panel capacity, conduit, and wiring



EVSE Installed: Level 2 EV charging station installed

Summary of key dates and requirements

Beginning January 1, 2024							
1-3 Unit Dwellings	<p>Requirement:</p> <ul style="list-style-type: none"> 1 EV ready space per dwelling unit <p>Applies to the following Zoning Code Districts:</p> <ul style="list-style-type: none"> R-rural, LRR, RRR, RR, SR, R-1, R-2, R-3, R-2F, R-4 						
City of Columbus	<p>Requirement:</p> <ul style="list-style-type: none"> 55% EV Capable; 15% EVSE Installed <p>Applies to:</p> <ul style="list-style-type: none"> Off-street parking built by the City of Columbus 						
Beginning January 1, 2024							
Multifamily Residential, Office, and Workplace	<p>Requirements as a percentage of total parking:</p> <table border="1"> <thead> <tr> <th>EV Capable</th> <th>EV Ready</th> <th>EV Installed</th> </tr> </thead> <tbody> <tr> <td>30%</td> <td>N/A</td> <td>10%</td> </tr> </tbody> </table> <p>Applies to the following Zoning Code Districts:</p> <ul style="list-style-type: none"> AR-12, ARLD, AR-1, AR-2, AR-3, AR-4, and C-2, including those in Special Parking Districts 	EV Capable	EV Ready	EV Installed	30%	N/A	10%
EV Capable	EV Ready	EV Installed					
30%	N/A	10%					
All Other Commercial	<p>Requirements as a percentage of total parking:</p> <table border="1"> <thead> <tr> <th>EV Capable</th> <th>EV Ready</th> <th>EV Installed</th> </tr> </thead> <tbody> <tr> <td>20%</td> <td>N/A</td> <td>5%</td> </tr> </tbody> </table> <p>Applies to the following Zoning Code Districts:</p> <ul style="list-style-type: none"> C-1, C-3, C-4, C-5, and standalone parking lots and garages, including those in Special Parking Districts 	EV Capable	EV Ready	EV Installed	20%	N/A	5%
EV Capable	EV Ready	EV Installed					
20%	N/A	5%					
Affordable Multifamily Residential	<p>Requirements as a percentage of total parking:</p> <table border="1"> <thead> <tr> <th>EV Capable</th> <th>EV Ready</th> <th>EV Installed</th> </tr> </thead> <tbody> <tr> <td>15%</td> <td>N/A</td> <td>5%*</td> </tr> </tbody> </table> <p><i>*subject to City funding for EV Installed</i></p> <p>Applies to:</p> <ul style="list-style-type: none"> Development where 50% or more of the units have income and/or rent restrictions that are monitored by a government agency 	EV Capable	EV Ready	EV Installed	15%	N/A	5%*
EV Capable	EV Ready	EV Installed					
15%	N/A	5%*					

To learn more about Columbus' EV Ready Parking work to date, visit: <https://www.columbus.gov/sustainable/evreadyparking/>.