



# Automated Vehicles: Considerations for People Walking & Rolling



Safe Routes Partnership  
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## MISSION

The mission of the Safe Routes Partnership is to advance safe walking and rolling to and from schools and in everyday life, improving the health and well-being of people of all races, income levels, and abilities, and building healthy, thriving communities for everyone.



**Safe Routes**  
**PARTNERSHIP**  
*Active Paths for Equity & Health*





# Automated Vehicles: Considerations for People Walking & Rolling

- Potential improvements & concerning downsides for people walking, biking & rolling
- Recommendations regarding AV design, state & local policy





A woman and a young girl are walking on a paved sidewalk. The woman is wearing a white t-shirt and dark pants, and the girl is wearing a pink and white striped shirt and blue pants. They are walking towards the right. In the background, there is a large brick building, likely a school, with a playground area visible. The scene is outdoors with trees and grass.

## Opportunity for People Walking & Rolling

- More mobility options
- Reduced expense for people who are low-income
- Freed up space for walking & biking and other uses
- Reduced fatality and injury rates



A background image showing a bicycle race on a paved road. In the foreground, the rear wheel and part of a black bicycle are visible. Further back, several other cyclists in colorful gear are riding, though they are out of focus. A white text box is overlaid on the right side of the image, containing the title and a list of downsides.

## Safety & Social Equity Downsides

- Design flaws that increase risk
- Liability
- Local traffic laws
- Too costly for low-income families
- Inaccessible to people with disabilities
- Increased congestion & pollution

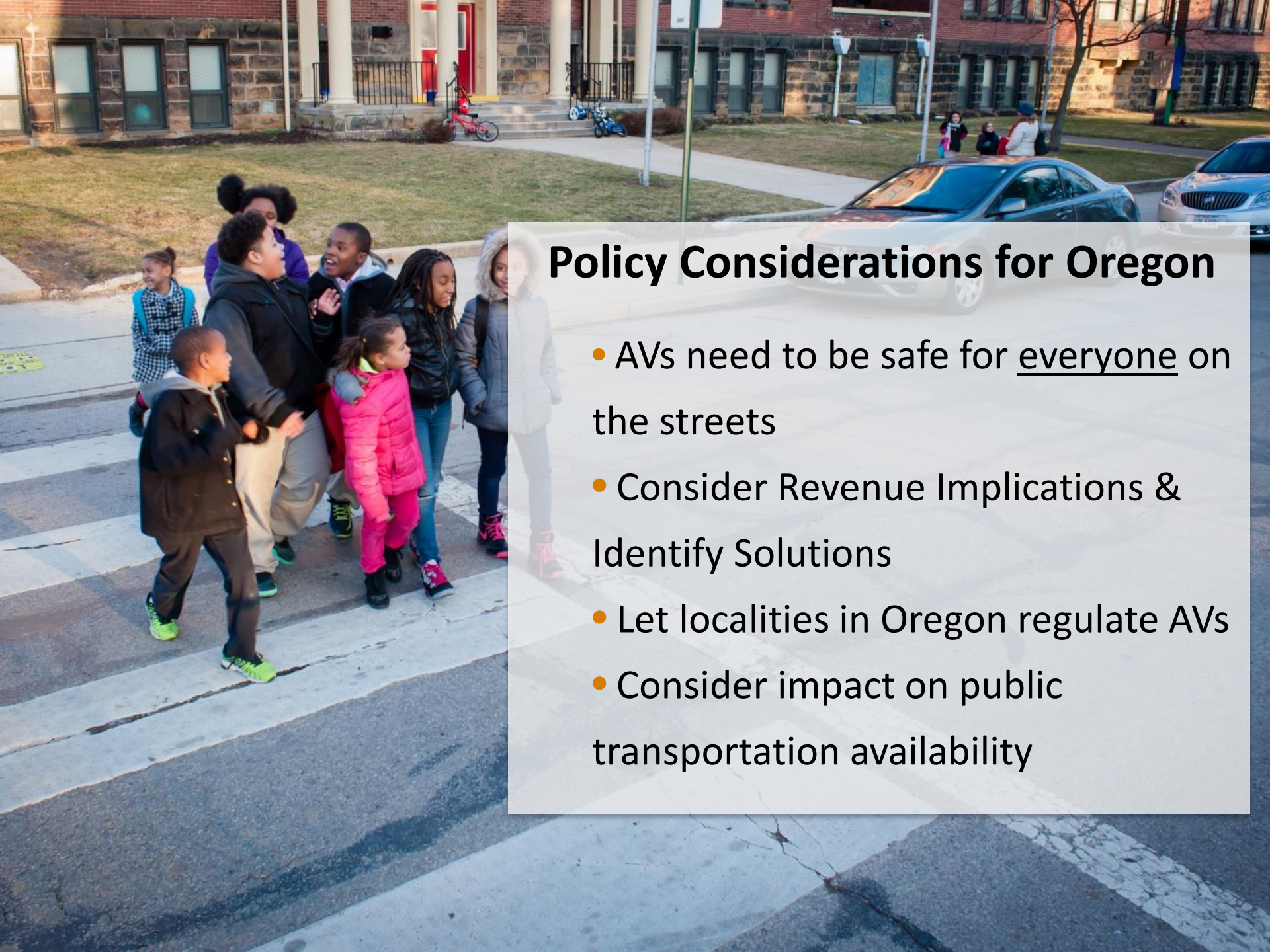


## Considerations for AV Design

- AVs shouldn't prioritize passengers over others
- Ensure AVs are accessible to people with disabilities
- Pass a "vision test" before deployment
- Recognize and respect traffic safety priorities, laws & regulations







## Policy Considerations for Oregon

- AVs need to be safe for everyone on the streets
- Consider Revenue Implications & Identify Solutions
- Let localities in Oregon regulate AVs
- Consider impact on public transportation availability



# Local Considerations

- Use freed up space to enhance livable communities
- Prioritize low-cost transit or shared vehicles
- Avoid further pollution and emissions
- Share data & protect privacy





*We believe that with thoughtful policies, regulation, and safety standards, the promise of AVs could be realized by people of all abilities and income levels, and create more transportation options in communities throughout Oregon*

