

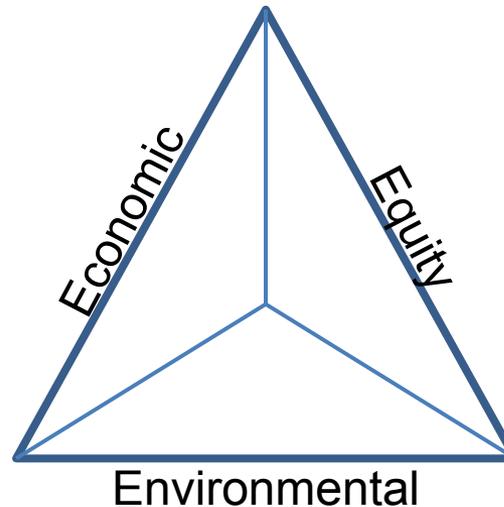
Livable Communities: The Integral Role of Sustainable Transportation

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Sustainable Transportation in Washington State

- Preserves the **environment**
- Maximizes **durability**; minimizes materials and construction impacts
- Meets **community needs**
- Sets the stage for the needs of **future generations**



Livable Communities

“A livable community is one in which people have multiple, convenient transportation and housing options...”

“...where people have access to many different forms of transportation and affordable housing...”

“...investing in a way that recognizes the unique character of each community...”

U.S.DOT Secretary, Ray LaHood

Context-Sensitive Design Principles

- Optimize safety for transportation users and the community
- Design in harmony with environmental, scenic, aesthetic, historic, and natural resource values of the community
- Design and build with minimal disruption to the community
- Ensure efficient and effective use of resources (time, budget, community) of all involved parties

Questions community members have about transportation projects

“How does a project become a project?”

“How can this project be more pedestrian/bike friendly?”

“How can this project blend more cohesively with my community?”

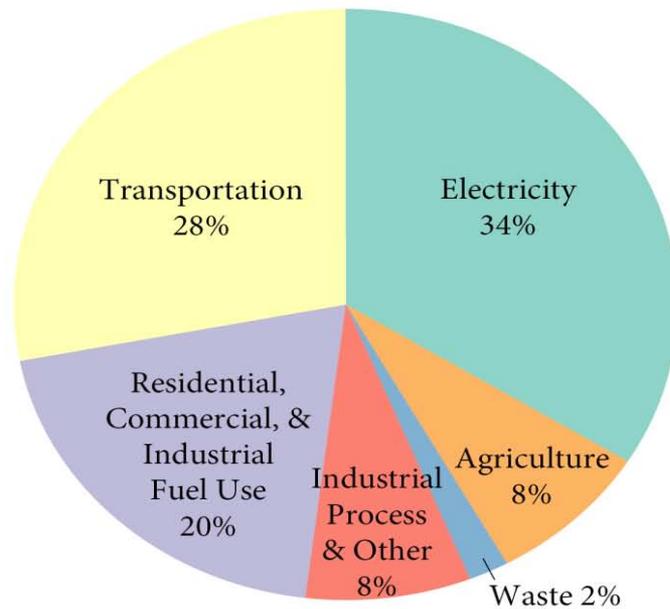
“Why do we need so many lanes for cars?”

“Why does this project cost so much?”

“Why does it take so long to make improvements?”

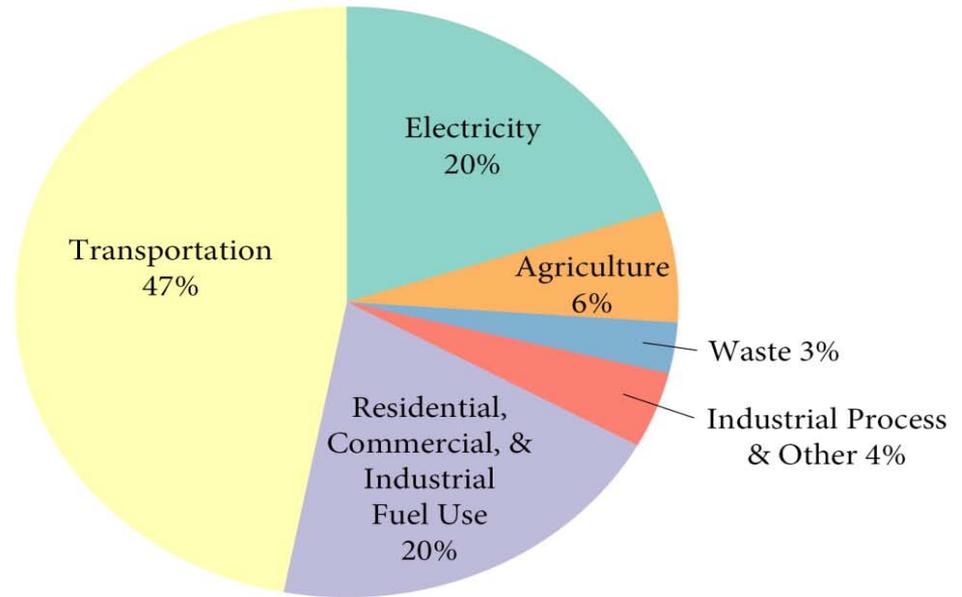
Transportation accounts for 47% of greenhouse gases in Washington

U.S. Greenhouse Gas Emissions



Source: Washington State Department of Ecology, 2005

Washington Greenhouse Gas Emissions



Source: Washington State Department of Ecology, 2005

2005 data

Source: Leading the Way on Climate Change: the Challenge of Our Time, February 2008, Washington State Dept. of Ecology Publication #08-01-008

Columbia River Crossing: bringing sustainability and livability principles to reality

- Replacement bridge over major river
- Improvements to seven interchanges in 5 miles of Interstate 5
- Light rail transit to Clark College in Vancouver
- Improves bicycle and pedestrian network
- Tolling and other strategies to reduce demand



Columbia River Crossing Executive Vision

We firmly believe this can and should be:

- *one of the **most sustainable transportation projects in the country**;*
- *one that incorporates*
 - *high capacity transit,*
 - *strategies that reduce vehicle miles traveled,*
 - *tolling,*
 - *electronic safety technologies, and*
 - *world class bike and pedestrian facilities...*

We also believe we must use construction materials and methods that would minimize environmental impacts.

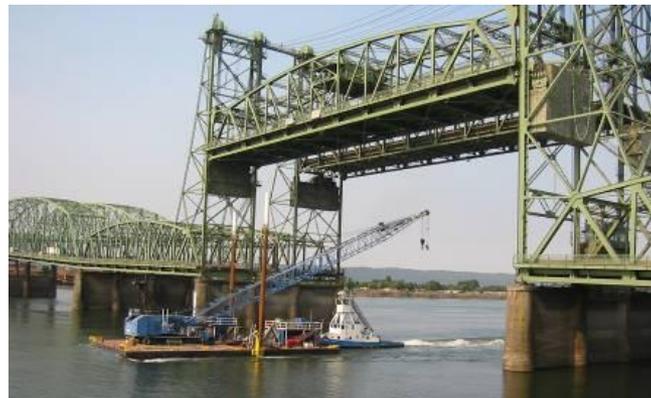
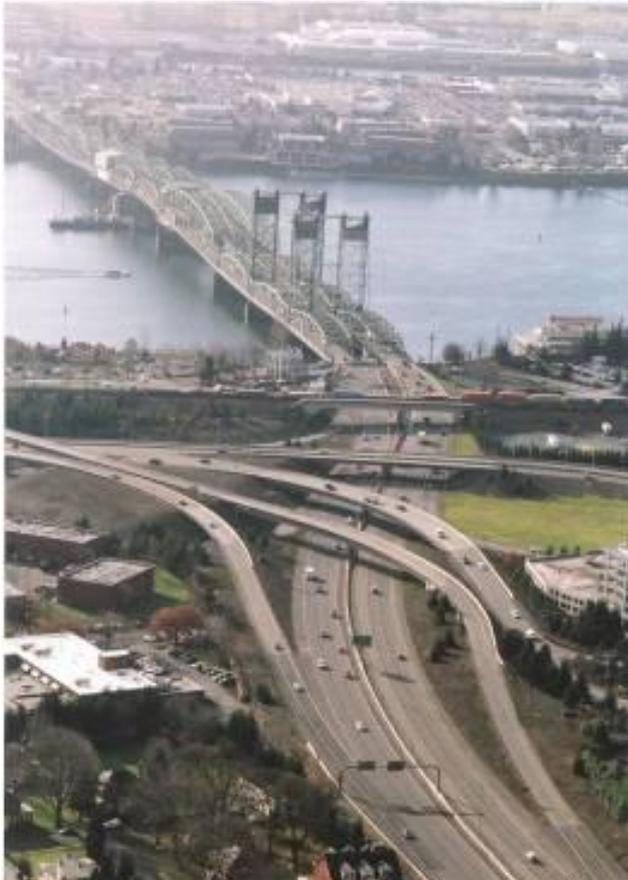
Governors of Washington and Oregon to CRC Task Force
June 19, 2008

Columbia River Crossing Eleven Guiding Principles

1. Support enduring quality of life and community resources



Columbia River Crossing



WSDOT Transportation Vision

Reliable

- ✓ Travel times
- ✓ Choices for commuters
- ✓ Freight movement

Responsible

- ✓ Safety
- ✓ Maintenance and preservation
- ✓ Multimodal travel options
- ✓ Special needs transportation

Sustainable

- ✓ Cleaner air and water
- ✓ Address climate change
- ✓ Predictable funding



Challenges to creating livable, sustainable communities

- Adequate time for community dialogue
- Management of project scope
- Reliable budget framework
- Communication of options and alternatives within the context of project development process
- Jurisdictional responsibilities for land use and transportation planning

Questions or comments:

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WSDOT Sustainable Transportation Link:

<http://www.wsdot.wa.gov/SustainableTransportation/>