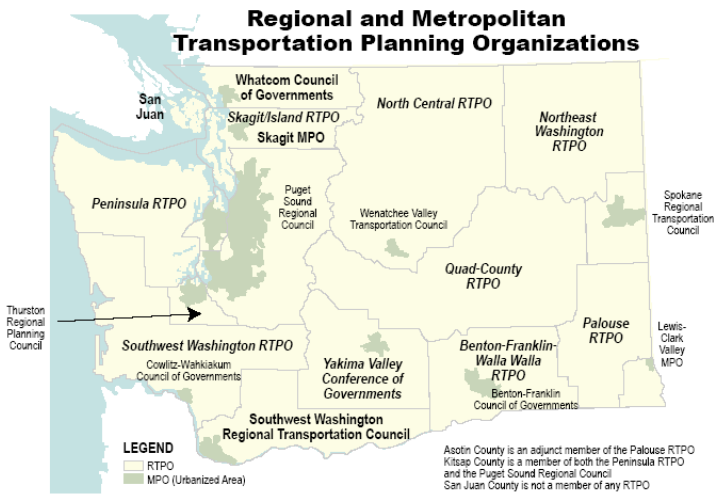
QUADCO

Regional Transportation Planning Organization (RTPO)



QUADCO is the 4-county region in the center.

FAST FACTS

4 Counties

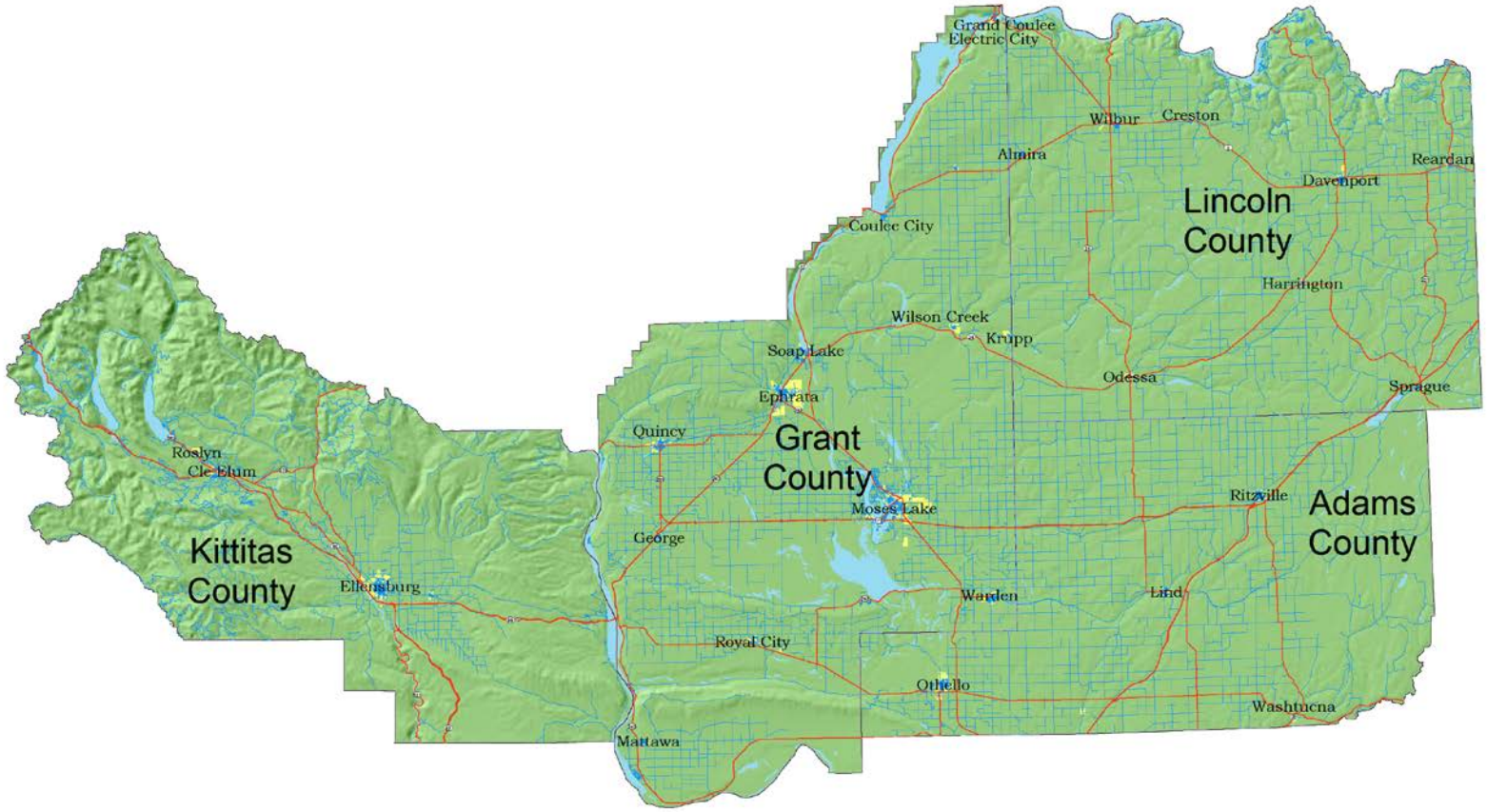
32 Cities and Towns

3 Legislative Districts

3 WSDOT Regions

No Metropolitan Planning Organizations

QuadCo



This is not a survey. Actual relationships and distances between features may be different from those depicted on this map. Accurate measurements are required in order to verify these relationships and distances.

Total Residents in all 4 counties =165,100

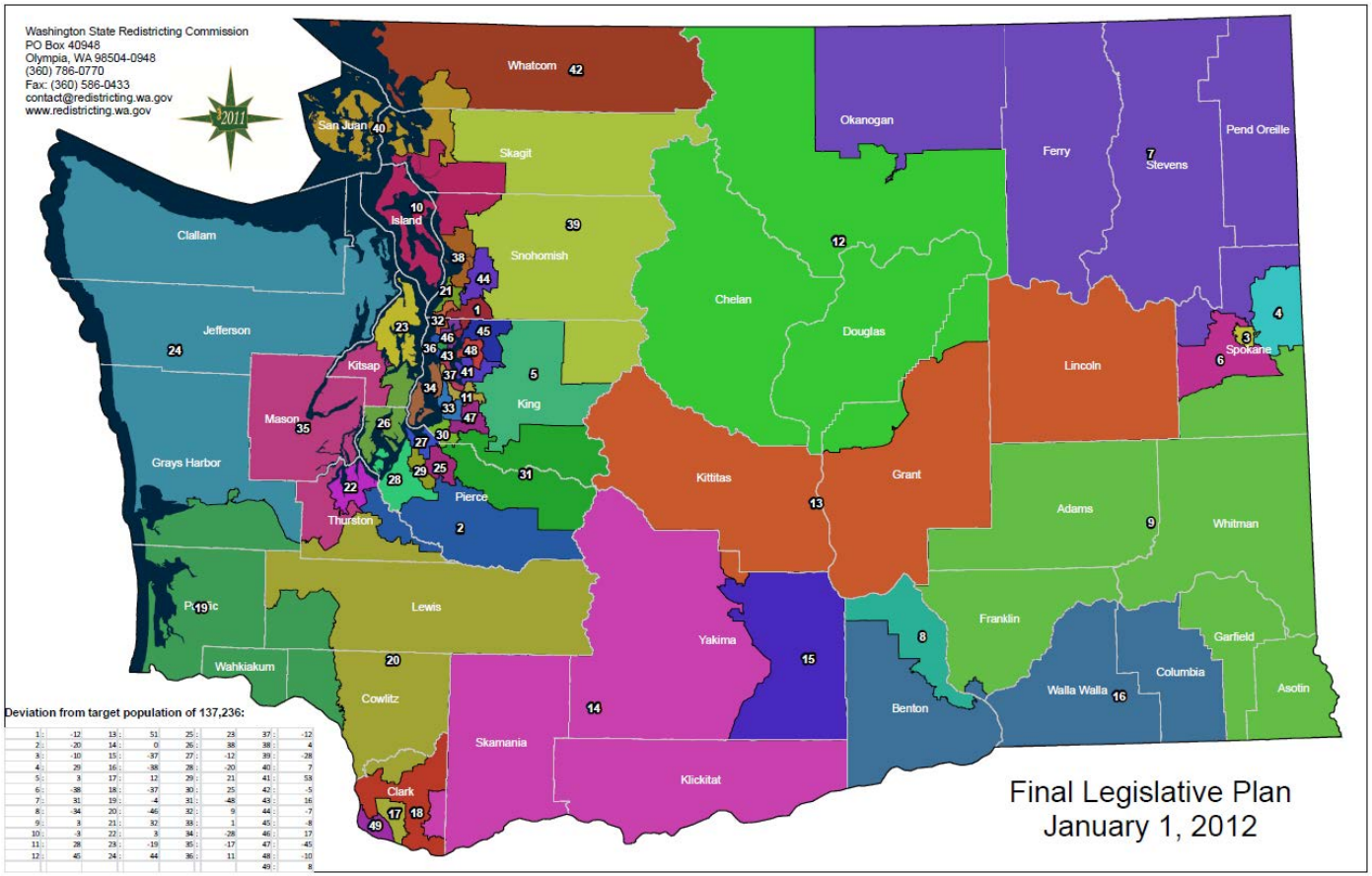
Moses Lake	21,600
Ellensburg	18,440
Ephrata	7,930
Othello	7,695
Quincy	7,235
Mattawa	4,460
Warden	2,710
Royal City	2,210
Cle Elum	1,870
Davenport	1,685
Ritzville	1,680
Soap Lake	1,530
Kittitas	1,475
Grand Coulee	1,050
Electric City	1,010
Odessa	900
Roslyn	895

Wilbur	875
George	720
Reardan	570
Coulee City	565
Lind	565
South Cle Elum	530
Sprague	440
Harrington	415
Almira	280
Creston	230
Washtucna	215
Wilson Creek	205
Hartline	155
Hatton	110
Krupp	50

Unincorporated Grant County	41,470
Unincorporated Kittitas County	18,890
Unincorporated Adams County	9,135
Unincorporated Lincoln County	5,305

Source: April 1, 2014 Population of Cities, Towns, and Counties; Washington State Office of Financial Management, Forecasting Div.

QUADCO Includes 3 Legislative Districts



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4	:	29	16	:	-38	28	:	-20	40	:	7
5	:	3	17	:	12	29	:	21	41	:	53
6	:	-38	18	:	-37	30	:	25	42	:	-5
7	:	31	19	:	4	31	:	-48	43	:	16
8	:	-34	20	:	46	32	:	9	44	:	-7
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11	:	28	23	:	-19	35	:	-17	47	:	-45
12	:	45	24	:	44	36	:	11	48	:	-10
									49	:	8

QUADCO Includes 3 WSDOT Regions

QUADCO brings Central Washington cities and counties together

It’s a great place to live and visit

Population Change from 2004 to 2014

QUADCO County breakdown

Grant	**17.63 % growth**
Kittitas	**14.49 % growth**
Adams	**10.93% growth**
Lincoln	**3.83 % growth**
All QUADCO	**15.02 % growth**

Washington State

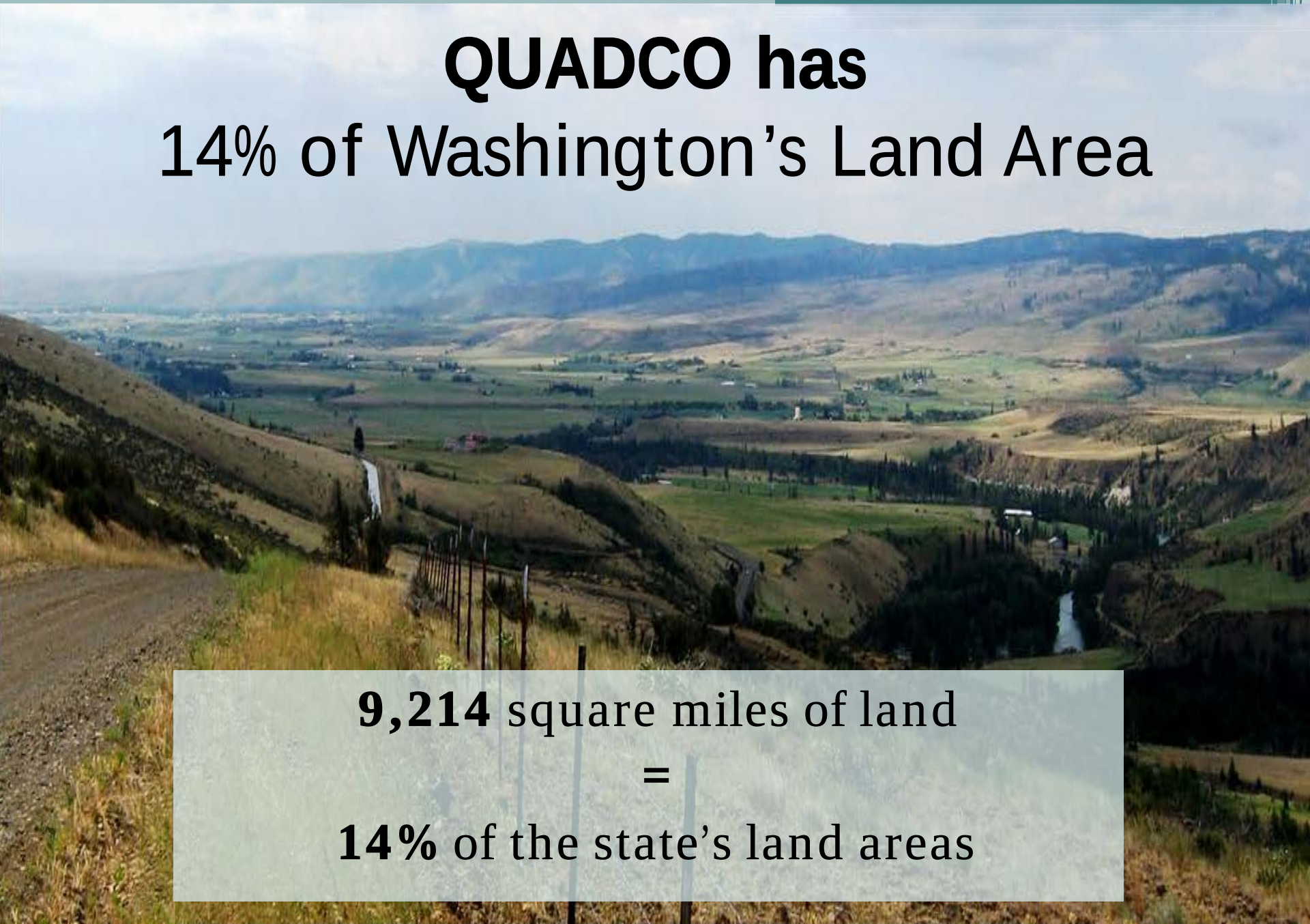
12.24% growth

Puget Sound Counties

(King, Pierce, and Snohomish)

12.10% growth

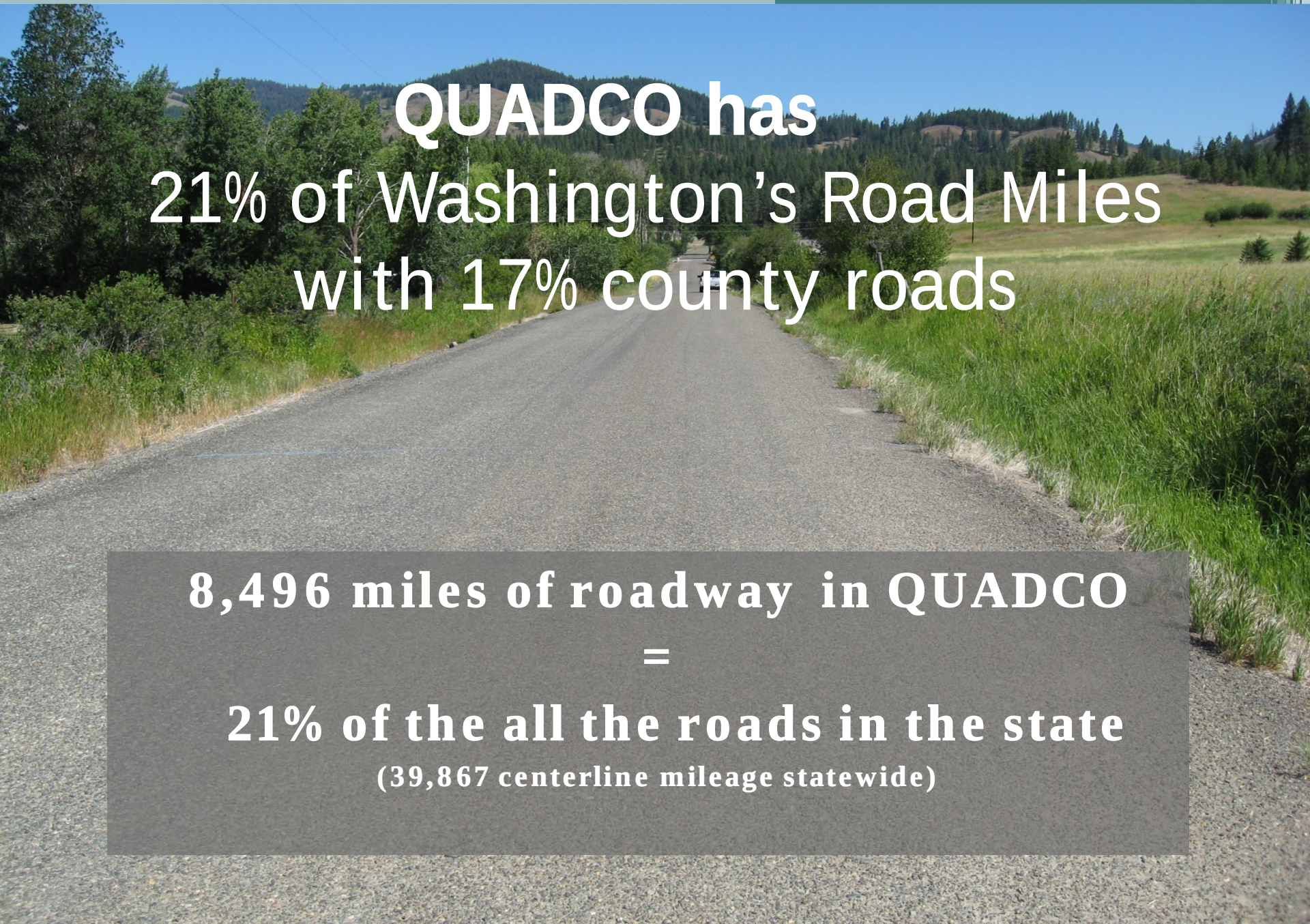
QUADCO has
14% of Washington's Land Area



9,214 square miles of land

=

14% of the state's land areas



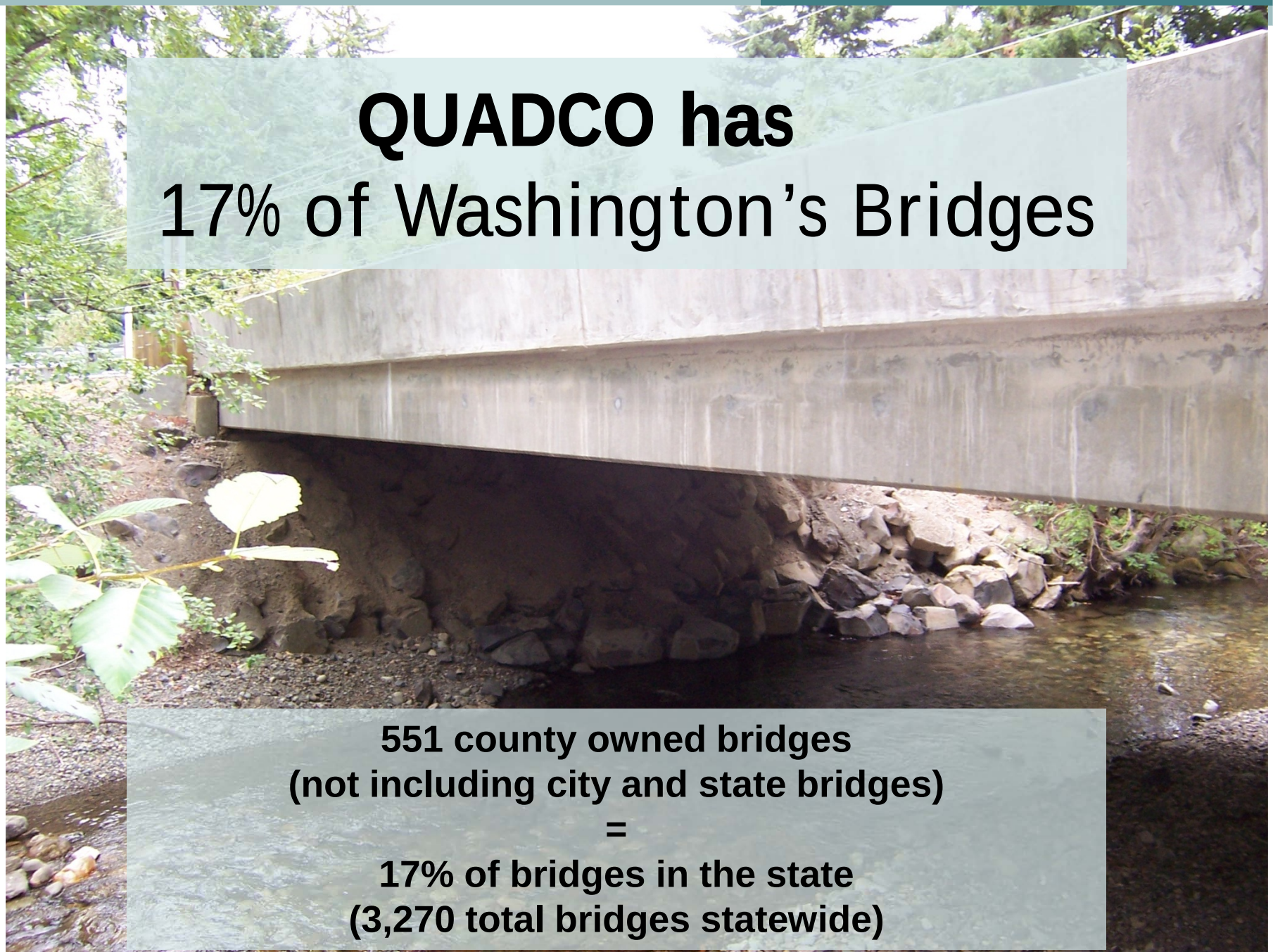
QUADCO has
21% of Washington's Road Miles with 17% county roads

8,496 miles of roadway in QUADCO

=

21% of the all the roads in the state

(39,867 centerline mileage statewide)



QUADCO has
17% of Washington's Bridges

551 county owned bridges
(not including city and state bridges)
=
17% of bridges in the state
(3,270 total bridges statewide)

QUADCO's limited resources must stretch to:

Maintain almost the same amount that WSDOT maintains statewide (97%)

7,044 miles of state highways as compared to 6,858 miles of county owned roadway in QUADCO (does not include the city roadway miles)

I-90 investments in QUADCO area

Remember:

- QUADCO has 2% of the state's population.
- QUADCO also has 68% of I-90, and 26% of all of the interstate system in the State of Washington.
- This major interstate system is a necessity for ALL of the state, not just the residents in the QUADCO counties.
- All trips start and end on the local road system.
- Heavy investments for I-90 distort the amount the state is providing our area.
- QUADCO has transportation needs that are unfunded.

QUADCO's Priorities:

- **<u>PRESERVATION</u>: Keep our existing roads and bridges functional.**
- **<u>SAFETY</u>: Reduce accidents with safety improvements.**
- **<u>FREIGHT AND GOODS</u>: Improve the flow with all-weather roads.**

QUADCO Priority: Preservation

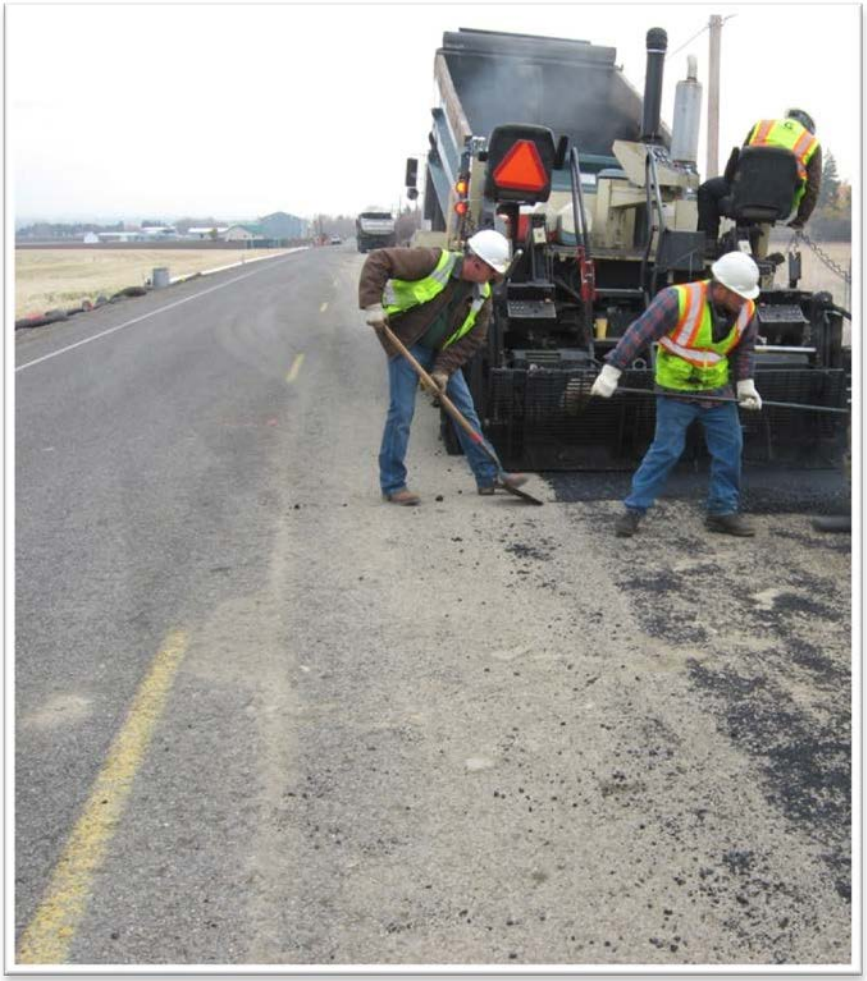
Keep our Existing Roads and Bridges Functional.

PRESERVATION

One priority for QUADCO is preservation.

Keeping our existing roads and bridges functional requires adequate maintenance and preservation budgets.

The four QUADCO counties (cities included) use about 46% of their total budget for these activities.



PRESERVATION

QUADCO agencies use their resources wisely.

Approximately $3,250 per mile is spent on maintenance and preservation. This is well below the total amount of $7,350 per mile spent by all counties statewide.

However some needs are not addressed because of limited funding – and fluctuating petroleum and materials costs are widening this gap.

PRESERVATION

It's even worse for QUADCO cities. They do not have dedicated revenue for maintenance and preservation work.

This kind of expense must compete with other departments for local general funds.

There are reasons why we need more maintenance funds to remove roadside banks.

Blowing and drifting snow combined with large roadside banks makes snow removal difficult.

Sometimes you don’t know what lurks inside the snow drifts

QUADCO Priority: Safety

Reduce accidents with safety improvements.

SAFETY

Another priority for QUADCO is safety.

Safety improvements reduce accidents that involve property damage, personal injuries, and fatalities.

All construction projects should improve safety to some degree.

SAFETY

The most dangerous Washington State roads are two-lane county roads with a fatality collision rate of 1.28 per 100 million vehicle miles traveled.

The fatality rate for state highways is 0.58, for city streets is 0.63.

Improvements to two-lane county roads are needed to reduce the number of fatal collisions in Washington each year.

SAFETY

Failures and restrictions are a concern for all sizes of bridges.

Funding is more readily available for bridges that are at least 20 feet long.

Some regional RAP programs fund smaller structures on rural arterials and collectors leaving no funding for smaller structures on urban streets and rural local access roads.

SAFETY

Interstate systems are designed to the highest standards, have the highest volumes, and the highest speeds – yet they have the lowest fatality rate.

Local roads have the highest fatality rates and safety funding should be prioritized according to risk.

QUADCO Priority: Freight and Goods

Improve the flow of all-weather roads.

FREIGHT AND GOODS

The movement of freight and goods is important to our local and state economy. However, some of QUADCO's roads do not have adequate sub structure to support heavy truck loads during spring thawing conditions.

Roads that DO have adequate sub structure are referred to as All Weather Roads.

FREIGHT AND GOODS

Many of QUADCO's roads that are not built to an All Weather Road Standard are either closed or restricted during the spring thaw. This can hinder the movement of goods and services. Improving the road's base and surfacing to an All Weather Road Standard solves this problem.

FREIGHT AND GOODS

QUADCO Counties have 2,000 miles of road that are classified in the freight and goods transportation system.

The majority of these roads are inadequate and may be restricted throughout the year.

FREIGHT AND GOODS

Roads needing improvements to meet all-weather road standards:

- ✓Adams County: 316 miles or 58%.
- ✓Grant County: 808 miles or 90%.
- ✓Lincoln County: 631 miles or 95%.
- ✓Kittitas County: Rarely restricts travel on roads.

This driver ignored spring weight restrictions on a paved road not built to all-weather standards.

This truck failed to abide by Lincoln County's spring load restrictions on a gravel road.

FREIGHT AND GOODS

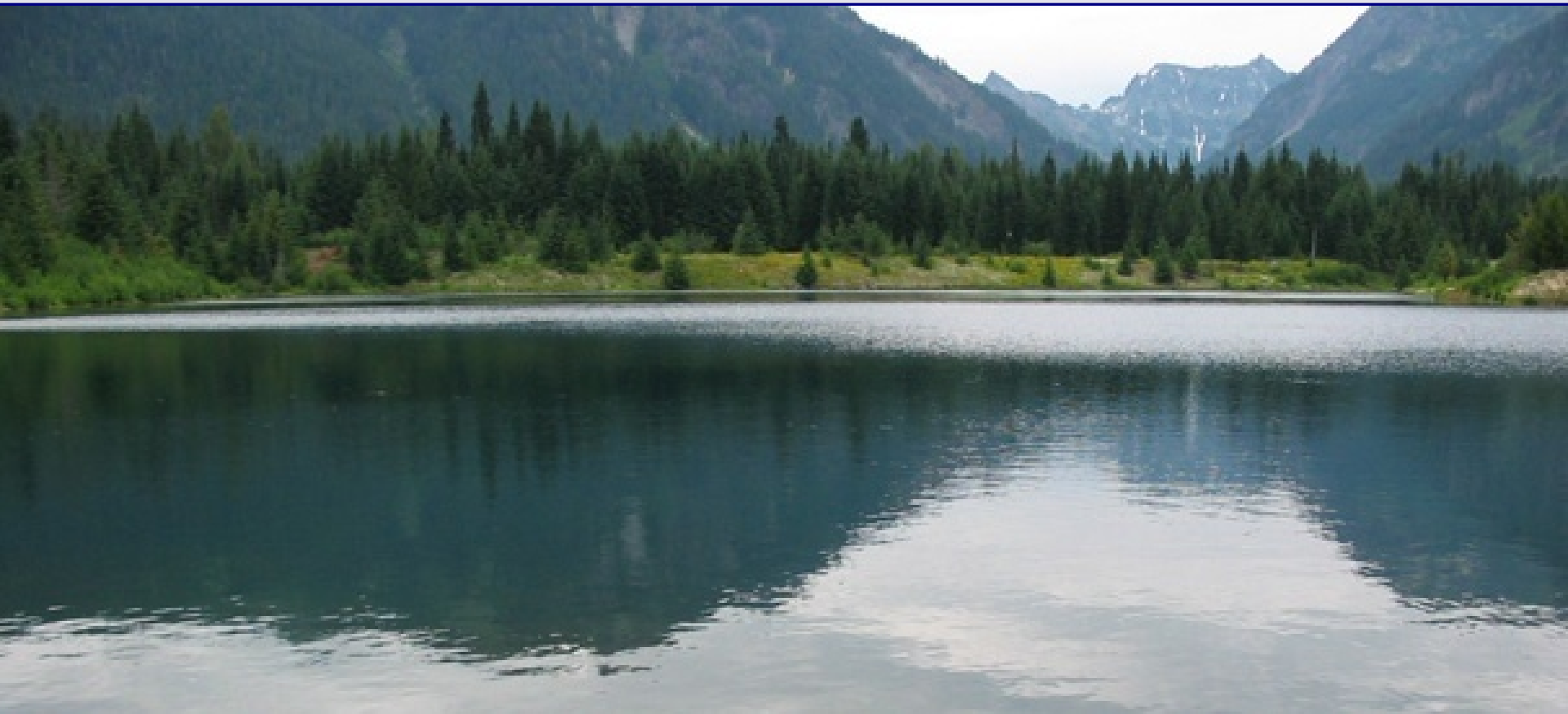
All Weather Roads in QUADCO are not only important to the local areas, but also the state.

This region has the greatest amount of harvested cropland in the state, requiring the ability to transport from farm to market without restrictions.

QUADCO Has 31% of the State's Harvested Croplands

QUADCO County breakdown (2012)

Grant	**525,432 acres**	**12.1% of state**
Lincoln	**383,304 acres**	**8.8% of state**
Adams	**364,428 acres**	**8.4% of state**
Kittitas	**51,234 acres**	**1.2% of state**
QUADCO area	**1,324,398 acres**	**30.5% of state**

Washington State **4,342,904 acres of cropland**

THANK YOU!