



Partnerships that Work

Presentation to Lions Club

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So you'll know when I'm almost done....

➤ *Background*

- *EWITS and earlier studies*

➤ *Statewide impact as a result of gathered information and analysis.*

➤ *Strategic Freight Transportation Analysis (SFTA).*

➤ *2002/2003 Origin-Destination Truck Survey (where and when).*

➤ *Proposal*

➤ *Questions?*

Background

➤ EWITS

- *A six year study (1992-1998) that was funded jointly by the Federal government and the Washington State DOT as part of ISTEA.*

Key goals included:

- *Facilitate existing regional and statewide transportation planning efforts.*
- *Forecast future freight and passenger transportation service needs for eastern Washington.*
- *Identify gaps in eastern Washington's current transportation infrastructure.*
- *Pinpoint transportation system improvement options critical to economic competitiveness and mobility within eastern Washington.*

Background (Continued)

- *First statewide Origin-Destination truck survey initiated in April, 1993.*
 - *300-350 Lion Club Members conducted personal interviews.*
 - *30 separate locations (see map)*
 - *Interviewed 29,000 trucks (without injury!)*
 - *Developed an extensive database on freight movements, key highway corridors, truck configurations, products, etc.*

Impact

➤ *Generated a basis for multiple types of studies and analyses including 26 Research Reports and 11 Working Papers:*

- 1) *Gillis, William R. and Kenneth L. Casavant. "Linking Transportation System Improvements to New Business Development in Eastern Washington." EWITS Research Report Number 1. February 1994.*
- 2) *Gillis, William R. and Kenneth L. Casavant. "Lessons from Eastern Washington: State Route Mainstreets, Bypass Routes, and Economic Development in Small Towns." EWITS Research Report Number 2. February 1994.*
- 3) *Gillis, William R. and Kenneth L. Casavant. "Washington State Freight Truck Origin and Destination Study: Methods, Procedures, and Data Dictionary." EWITS Research Report Number 3. December 1994.*
- 4) *Gillis, William R. and Kenneth L. Casavant. "Major Generators of Traffic on U.S. 395 North of Spokane: Including Freight Trucks and Passenger Vehicles Crossing the International Border." EWITS Research Report Number 4. January 1995.*
- 5) *Newkirk, Jonathan, Ken Ericksen, and Kenneth L. Casavant. "Transportation Characteristics of Wheat and Barley Shipments on Haul Roads To and From Elevators in Eastern Washington." EWITS Research Report Number 5. March 1995.*
- 6) *Jessup, Eric and Kenneth L. Casavant. "A Quantitative Estimate of Eastern Washington Annual Haul Road Needs for Wheat and Barley Movement." EWITS Research Report Number 6. March 1995.*

Impact (continued)

- 7) Gillis, William R., Emily Gruss Gillis, and Kenneth L. Casavant. "Transportation Needs of Eastern Washington Fruit, Vegetable, and Hay Industries." EWITS Research Report Number 7. March 1995.
- 8) Casavant, Kenneth L. and William R. Gillis. "Importance of U.S. 395 Corridor for Local and Regional Commerce in South Central Washington." EWITS Research Report Number 8. April 1995.
- 9) Gillis, William R., Eric L. Jessup, and Kenneth L. Casavant. "Movement of Freight on Washington's Highways: A Statewide Origin and Destination Study." EWITS Report Number 9, November 1995.
- 10) Chase, Robert A. and Kenneth L. Casavant. "Eastern Washington Transport-Oriented Input-Output Study: Technical Report." EWITS Research Report Number 10. March 1996.
- 11) Chase, Robert A. and Kenneth L. Casavant. "The Economic Contribution of Transport Industries to Eastern Washington." EWITS Research Report Number 11. April 1996.
- 12) Lee, Nancy S. and Kenneth L. Casavant. "Waterborne Commerce on the Columbia-Snake River System." EWITS Research Report Number 12. October 1996.
- 13) Alderson, Lynn C., Kenneth L. Casavant, and Eric Jessup. "Transportation Characteristics and Needs of Forest Products Industries Using Eastern Washington Highways: Part 1 Economic Structure of the Industry." EWITS Research Report Number 13. January 1997.
- 14) Eriksen, Ken and Kenneth L. Casavant. "Impact of North American Free Trade Agreement (NAFTA) on Washington Highways - Part 1: Commodity and Corridor Projections." EWITS Research Report Number 14. January 1997.
- 15) Alderson, Lynn C. and Kenneth L. Casavant. "Transportation Characteristics and Needs of Forest Products Industries Using Eastern Highways: Part 2 Movement of Raw Logs." EWITS Research Report Number 15. February 1997.

Impact (continued)

- 16) Alderson, Lynn C. and Kenneth L. Casavant. "Transportation Characteristics and Needs of Forest Products Industries Using Eastern Highways: Part 3 Shipment from Mills." EWITS Research Report Number 16. May 1997.
- 17) Alderson, Lynn C. and Kenneth L. Casavant. "Transportation Characteristics and Needs of Forest Products Industries Using Eastern Highways: Part 4 Commercial Shipments." EWITS Research Report Number 17. May 1997.
- 18) Jessup, Eric L., John Ellis, and Kenneth L. Casavant. "A GIS Commodity Flow Model for Transportation Policy Analysis: A Case Study of the Impacts of a Snake River Drawdown." EWITS Research Report Number 18. May 1997.
- 19) Lee, Nancy S. and Kenneth L. Casavant. "Rail Traffic in Washington: A Commodity and Origin-Destination Analysis, 1990 to 1995." EWITS Research Report Number 19. December 1997.
- 20) Edwards, Richard, Eric L. Jessup, and Kenneth L. Casavant. "Eastern Washington On-Farm and Commercial Grain Storage." EWITS Research Report Number 20. January 1998.
- 21) Painter, Kathleen M. and Kenneth L. Casavant. "Washington State Freight Truck Origin and Destination Study: [County Series]." EWITS Research Report Number 21. January 1998.
- 22) Alderson, Lynn C. and R. Douglas Scott II. "Transportation Characteristics and Needs of Forest Products Industries Using Eastern Washington Highways Part 5: Road Usage and Characteristics." EWITS Research Report Number 22. April 1998.
- 23) Lee, Nancy S. and Kenneth L. Casavant. "Impacts of a Snake River Drawdown on Energy Consumption and Environmental Emissions in Transporting Eastern Washington Wheat and Barley." EWITS Research Report Number 23. April 1998.
- 24) Jessup, Eric L. and Kenneth L. Casavant. "Impact of Snake River Drawdown on Transportation of Grains in Eastern Washington: Competitive and Rail Car Constraints." EWITS Research Report Number 24. April 1999.
- 25) Eriksen, Ken and Kenneth L. Casavant. "Impact of North American Free Trade Agreement (NAFTA) on Washington Highways, Part II: Highway Damage by Corridor." EWITS Research Report Number 25. November 1998.
- 26) Scott, Douglas R. and Kenneth L. Casavant. "The Eastern Washington Intermodal Transportation Study." EWITS Research Report Number 26. April 1999.

Impact (continued)

➤ *Directly contributed to the following highway investment projects:*

- *US 395 Hastings to Mile Post 172, Stage 2, approximate cost \$12 million.*
- *US 395 North Safety Improvement Projects (left turn channelizations and passing lanes), Deer Park to Kettle Falls, cost \$3 million*
- *North-South Freeway justification - travel savings, freight value, truck percentages. North-South Corridor is now under construction. The overall corridor build-out will be approximately \$1.4 billion in today's dollars.*
- *Interstate 90 Spokane to Idaho State Line - multiple stage projects that use the EWITS data for truck percentages, commodities carried, etc. The recently finished project from Sprague to Argonne, cost \$45 million; Argonne to the Idaho State Line under design, construction, cost approximately \$170 million.*
- *There are several different plug and run sites (these are sites the Washington State Patrol uses to weigh and inspect trucks) that will be constructed at the request of WSP. Most recent construction occurred at the intersection of US 395 and SR 25, and we are currently negotiating on another couple of sites in the general northern area.*
- *Colville alternate truck route with the City of Colville as the lead agency to allow a bypass of the City of Colville for trucks. The truck percentages and routings were the result of EWITS data.*

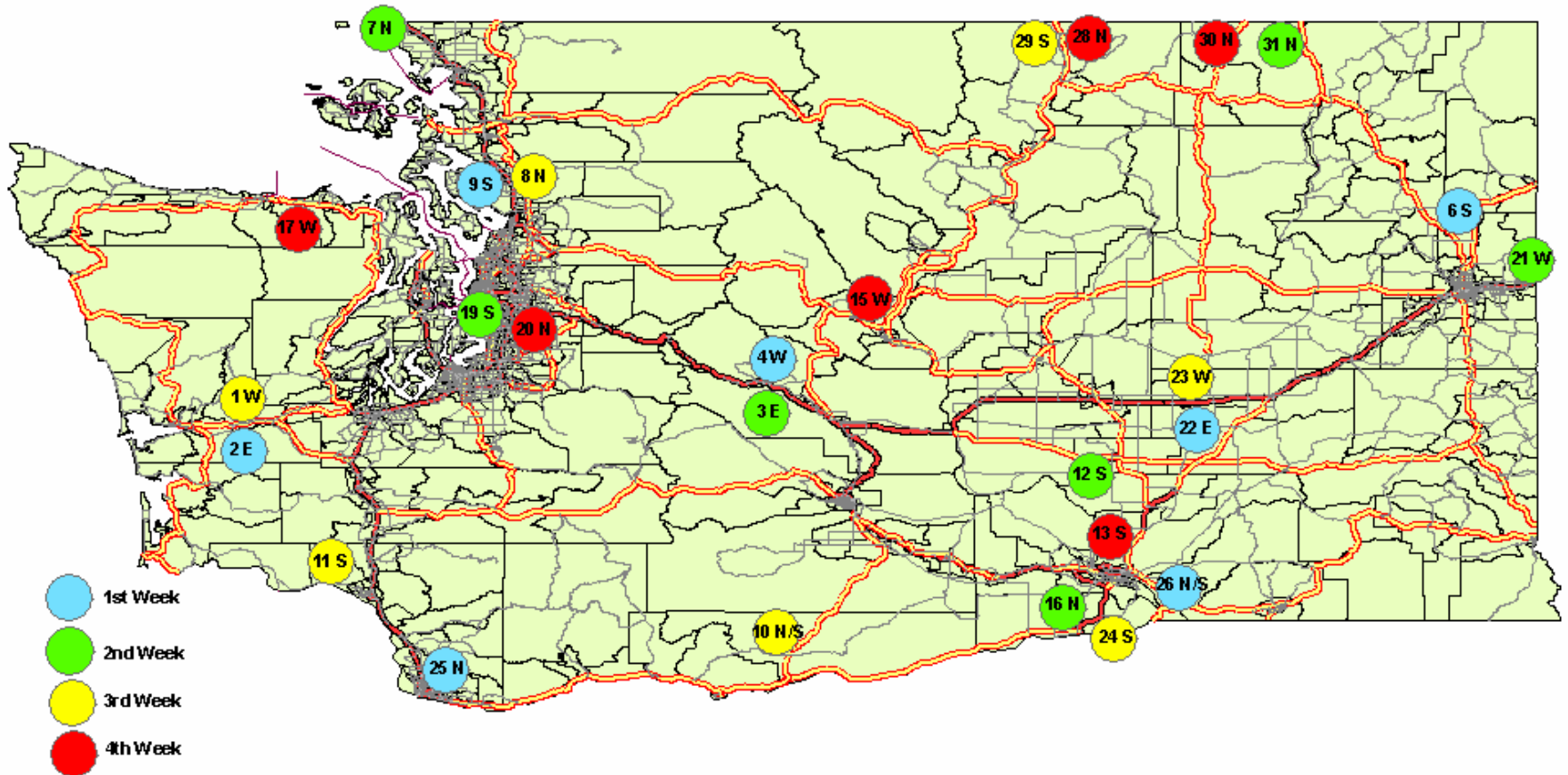
Strategic Freight Transportation Analysis (SFTA)

- *Three year, \$600,000 study with the following objectives:*
 - *Identify freight corridors by vehicle volume, type and commodity: past, present and prospective.*
 - *Assess the operation of selected portions of ports, roadways, rail systems, and barges of the current multimodal transportation system, evaluating infrastructure adequacy, and identifying deficiencies and investment needs.*
 - *Conduct discrete analyses of mode cost structure and competitive mode shares as ownership and government policies are changed.*
 - *Assess the potential for economic development opportunities as it pertains to supporting the overall multimodal transportation system.*
 - *Examine case studies of private and public costs of transportation by individual modes to identify true costs and establish the baseline of private and public contributions.*
 - *Research current public/private investments and the opportunities for public/private partnership investments in the infrastructure requirements of the various modes to stimulate and support the rural economic development throughout the State.*

Strategic Freight Transportation Analysis (SFTA)

- *Statewide Origin – Destination Truck Survey*
 - *Same sites over Four Seasons.*
- *Shortline Railroad Economic Analysis*
 - *Capitol and Operational Investment Needs for Shortline Railroads by Commodity or Product.*
- *Strategic Resource Access Road Network Study*
 - *Survey of Wheat and Barley Elevators throughout Eastern Washington*
 - *Forest Products Survey*
 - *Mining and Minerals Survey*
 - *Fruit and Vegetables, Wine, Hay, Livestock*

Survey Sites



#	Survey Site	Season															
		Spring (April 2002)				Summer (July 2002)				Fall (October 2002)				Winter (January 2003)			
		3 rd	10 th	17 th	24 th	10 th	17 th	24 th	31 st	2 nd	9 th	16 th	23 rd	8 th	15 th	22 nd	29 th
1	Brady West		X	X			X				X			X			
2	Brady East	X				X				X				X			
3	Cle Elum East		X				X				X				X		
4	Cle Elum West	X				X				X				X			
6	Deer Park South	X				X				X				X			
7	Douglas North		X				X				X				X		
8	Everett North			X				X				X				X	
9	Everett South	X				X				X				X			
10	Goldendale			X				X				X				X	
11	Kelso South			X				X				X				X	
12	Othello		X				X				X				X		
13	Pasco				X				X				X			X	
15	Peshastin West				X				X				X			X	
16	Plymouth		X				X				X				X		
17	Port Angeles				X				X				X			X	
19	Sea Tac South		X				X				X				X		
20	Sea Tac North				X				X				X			X	
21	E. Spokane		X				X				X				X		
22	Tokio East	X				X				X				X			
23	Tokio West			X				X				X				X	
24	Umatilla			X				X				X				X	
25	Vancouver North	X				X				X				X			
26	Wallula	X				X				X				X			
28	Osoyoos North				X				X				X			X	
29	Oroville South			X				X				X			X		
30	Danville				X				X				X			X	
31	Laurier		X				X				X				X		

The proposal. . . .

- *Partner with individual Lions Clubs to perform these surveys.*
- *We would provide all materials, training, support and each club would provide the labor.*
- *We would engage into a service agreement with each club (\$10 / person hour of service) preferably for all seasons / site.*
- *Training to begin in March, Surveys to begin in April.*
- *Begin contacting local clubs over the next few weeks.*

Questions ?

The end!

The background features several sets of concentric, light blue ripples that resemble water droplets hitting a surface. These ripples are positioned in the lower half of the slide, with one set on the left and two larger sets on the right.