

Washington State DOT

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Washington State Department of Transportation

Western States Regional In-Place Recycling Conference
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Official Washington State Animal

- Orca Whale



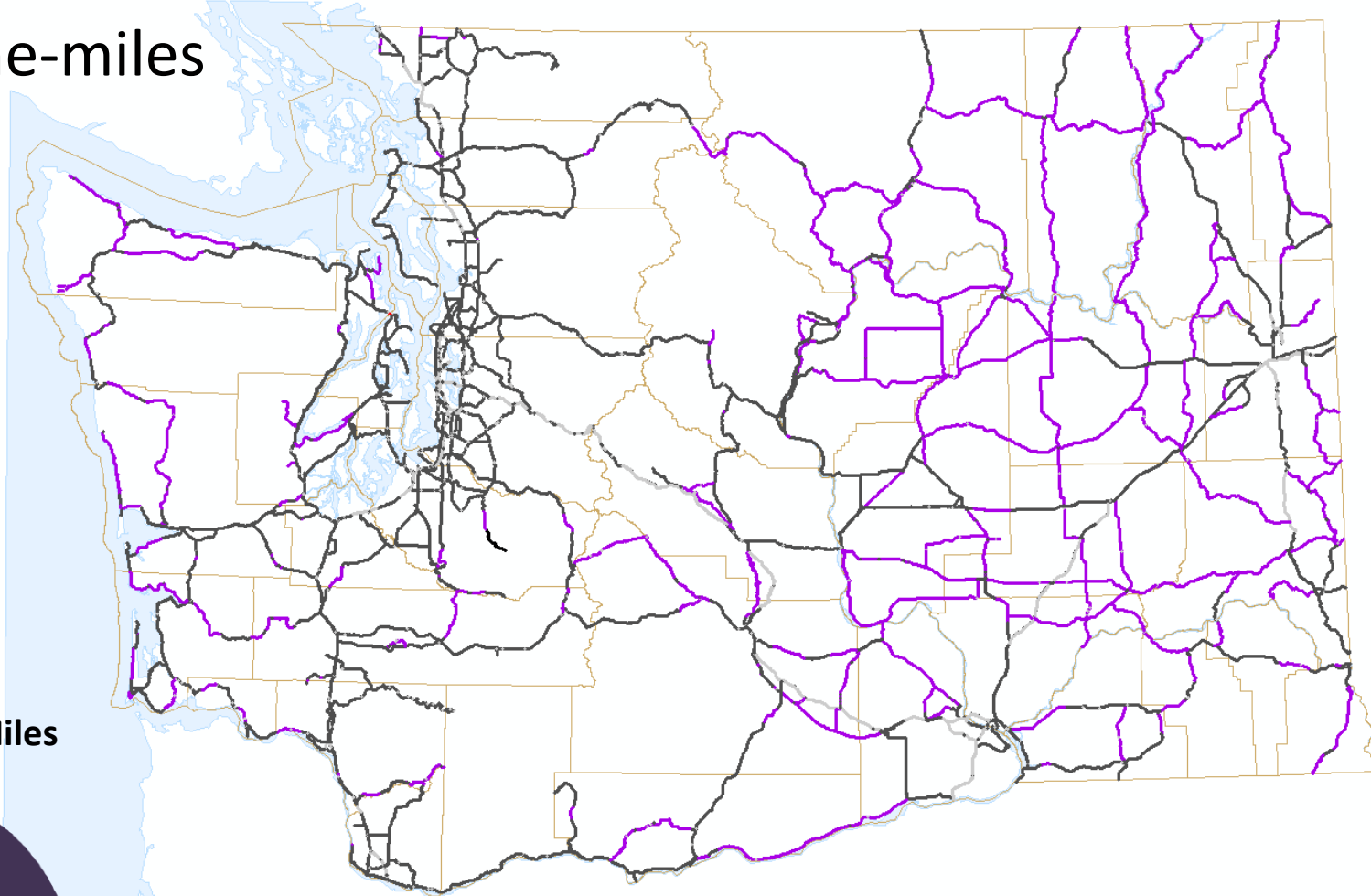
Demographics of Washington State

- Number of Centerline Lane Miles
- Number of Annual Projects by Construction
- Annual Dollar Amount of Contracted Work

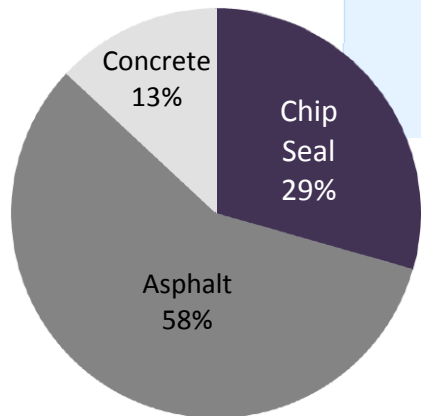


WSDOT Pavement System

18,500 lane-miles



Statewide Lane Miles

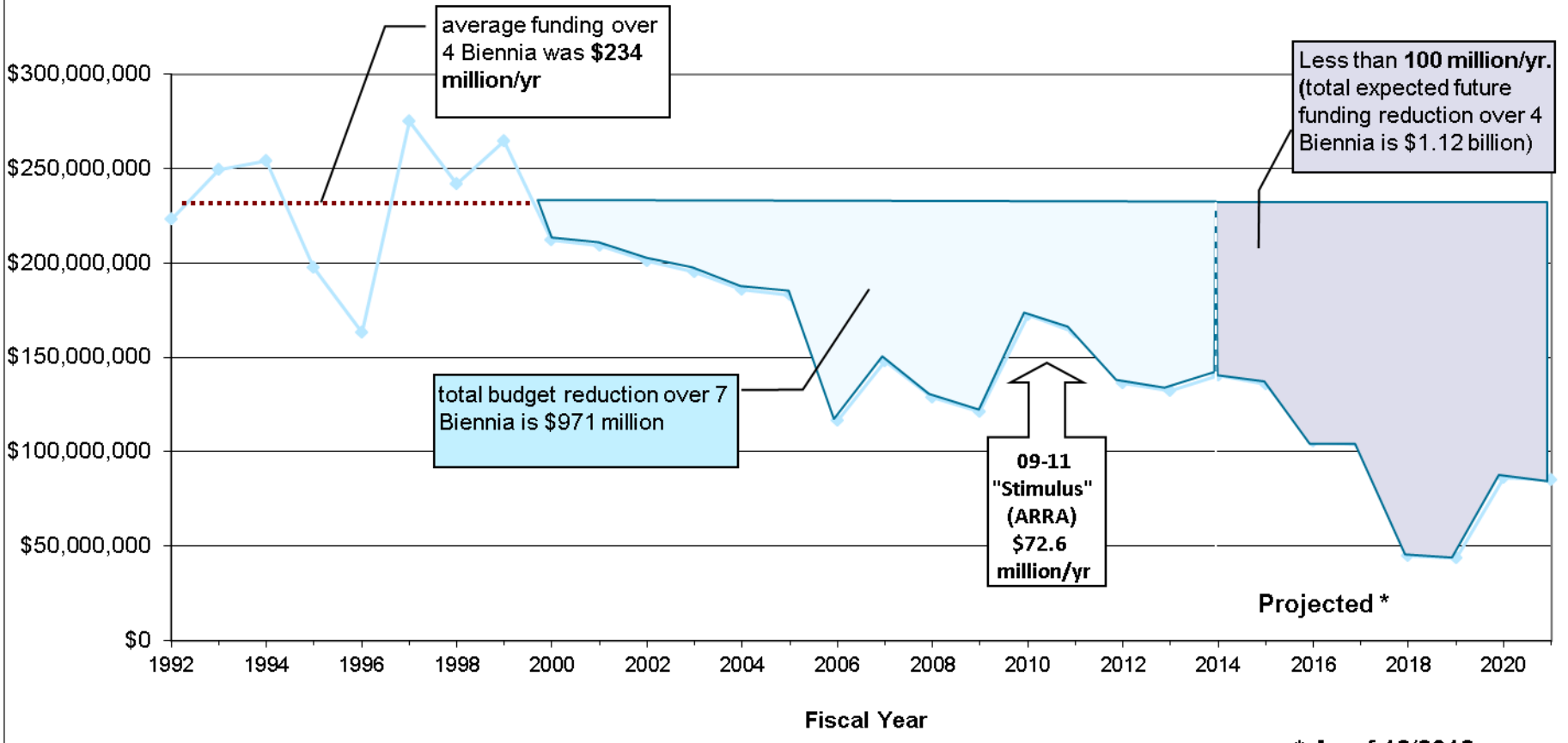


Number of WSDOT Annual Construction Projects

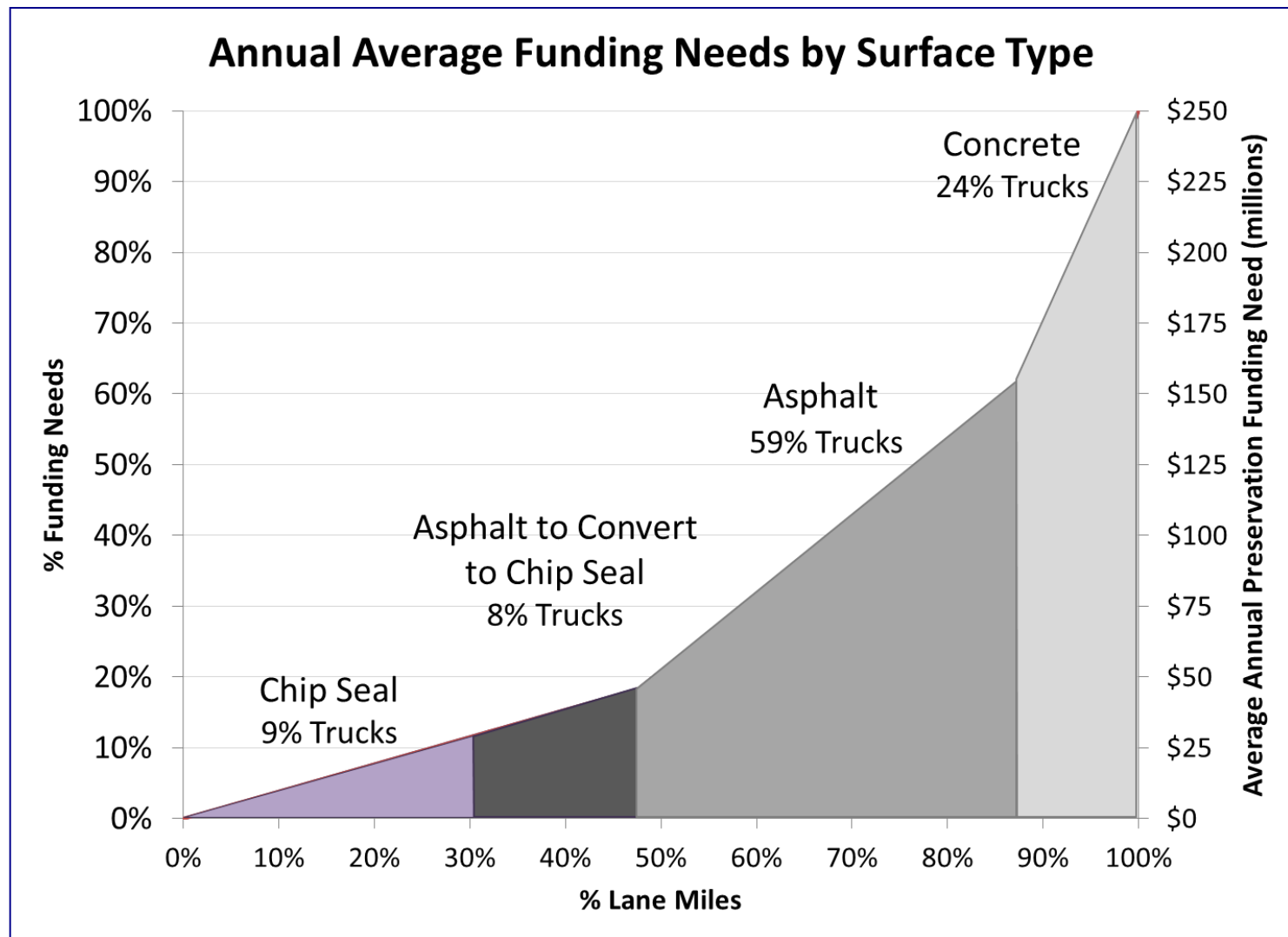
- 80-100 projects let annually



30-year Roadway Preservation Annual Funding (Constant 2012 Dollars)



Can preservation funding be stretched by prioritizing to targeted portions of the network?



Experiences with CIPR

SR/Project	Contract #	Mile Posts	Construction Year
395/Valley to Chewelah	C2294	202.76 to 207.80	1982
221/County Well Road to Jct. SR 22	C2340	17.13 to 23.24	1982
97/Brewster Airport to SR 17	C2421	262.83 to 265.09	1983
12/Clarkston Vicinity Paving	C4092	413.82 to 416.89	1992
17/Leahy to East Foster Creek	XL3137	119.87 to 127.94	1993
395/Loon Lake to SR 231	C4462	193.95 to 196.79	1995
221/SR 22 to Prosser Hill	C5360	23.01 to 26.06	1998
211/ Vicinity Four Lanes to SR 20	C5544	0.00 to 15.19	1999
270/Pullman to Idaho State Line	C5924	4.02 to 9.89	2000
395/SR 17 to Adams County Line	C6059	55.08 to 61.24	2001
124/Railroad Bridge to County Road	C6361	22.62 to 28.56	2002
904/Tyler to Cheney	C6342	0.00 to 9.09	2002
221/SR 14 to Prosser Hill	C6308	0.03 to 23.01	2002
127/Church Hill Road to Dusty	C6311	18.98 to 22.40	2002
24/Fire Station to Taylor Ranch Road	C6691	15.66 to 23.07	2004
28/Davenport to Harrington	C6694	117.73 to 131.16	2004
2/Jct SR 211 to Newport - Paving (\$5.2 million)	C7763	321.78 to 333.89	2009

SR 14 Project

- Constructed July 2013 – \$2.25 million
- Contractors
 - Granite Construction – Prime
 - Pavement Recycling Systems - Sub
- ~ 10 lane miles constructed
- ADT
 - 3,500 with 40 percent trucks
 - 5.75 Million ESAL's (15-year)
- Pavement Structure
 - 0.15' HMA over 0.32' Chip Seal placed on 0.58' of untreated base
 - Existing roadway severely distressed with widespread full depth alligator cracking and longitudinal wheel-path cracking

Experience with CIR

More Projects to Come:

SR 395

SR 14

SR 290

SR 195



Experiences with HIR

- SR 97/West Wapato Road to Lateral A Road
Mile Post 69.16 to Mile Post 74.74
Constructed 1995, resurfaced in 2013
- SR 542/Britton road to Coal Creek Bridge Vicinity
Mile Post 3.38 to Mile Post 19.27
Constructed 2009, marginal performance

