

Washington State DOT

- Pavement Preservation Update

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WSDOT Pavements

Statewide Road Network (mainline):

- 11,600 lane-miles asphalt (63%)
 - 4,400 lane-miles chip seal (BST) (24%)
 - 2,400 lane-miles concrete (13%)
- + 2,000 lane-miles ramps & special use

20,400 lane-miles

Preservation Program

Washington State Law

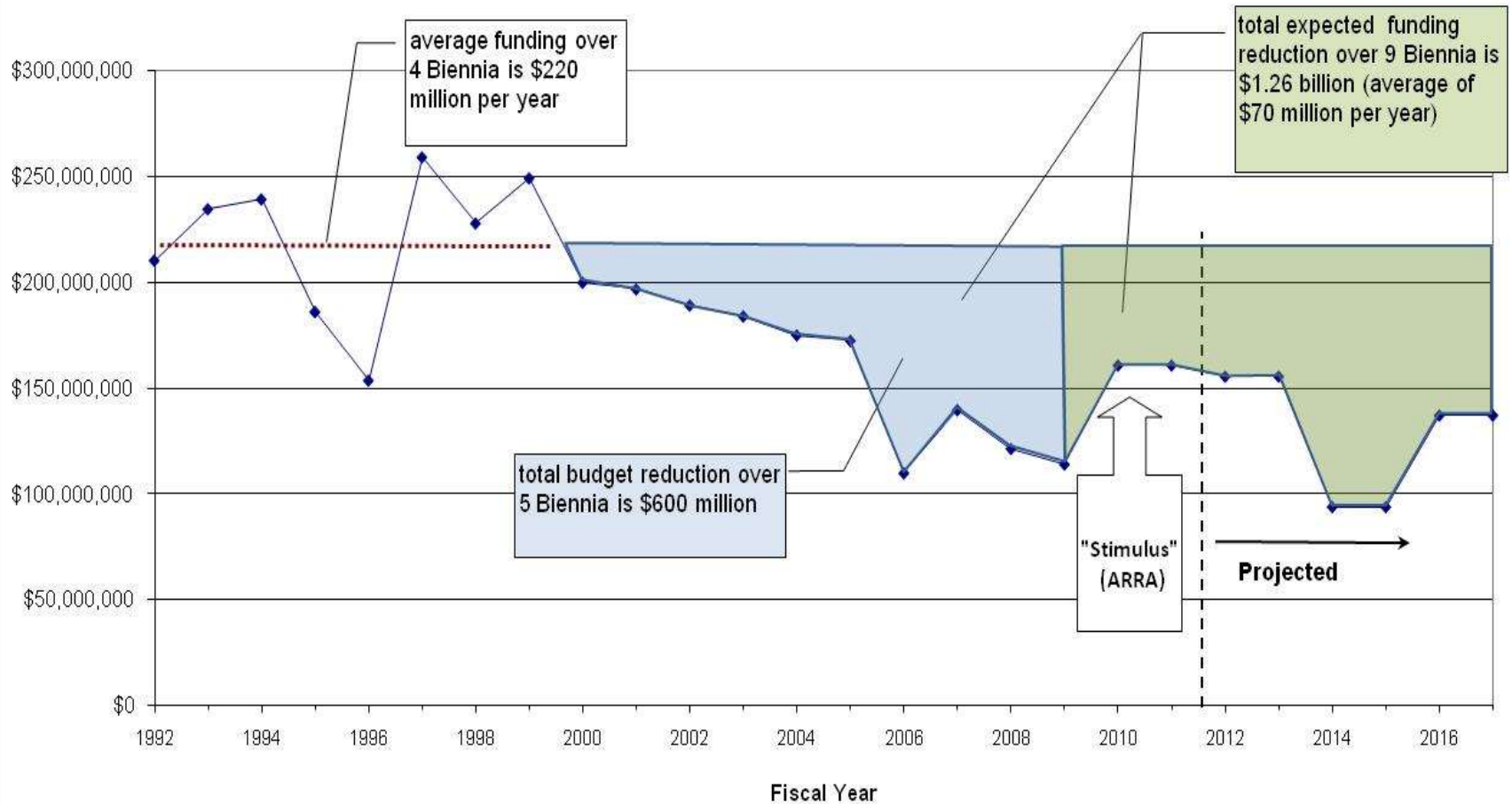
RCW 47.05.030: “The Preservation Program consists of those investments necessary to preserve the existing state highway system and to restore existing safety features, giving consideration to lowest life cycle costing.”

- 11-13 Proposed Biennium Preservation Budget (does not include routine maintenance)

\$311 million

- \$166 million asphalt
- \$88 million chip seal
- \$57 million concrete

26-year Roadway Preservation Annual Funding (Constant 2010 Dollars)

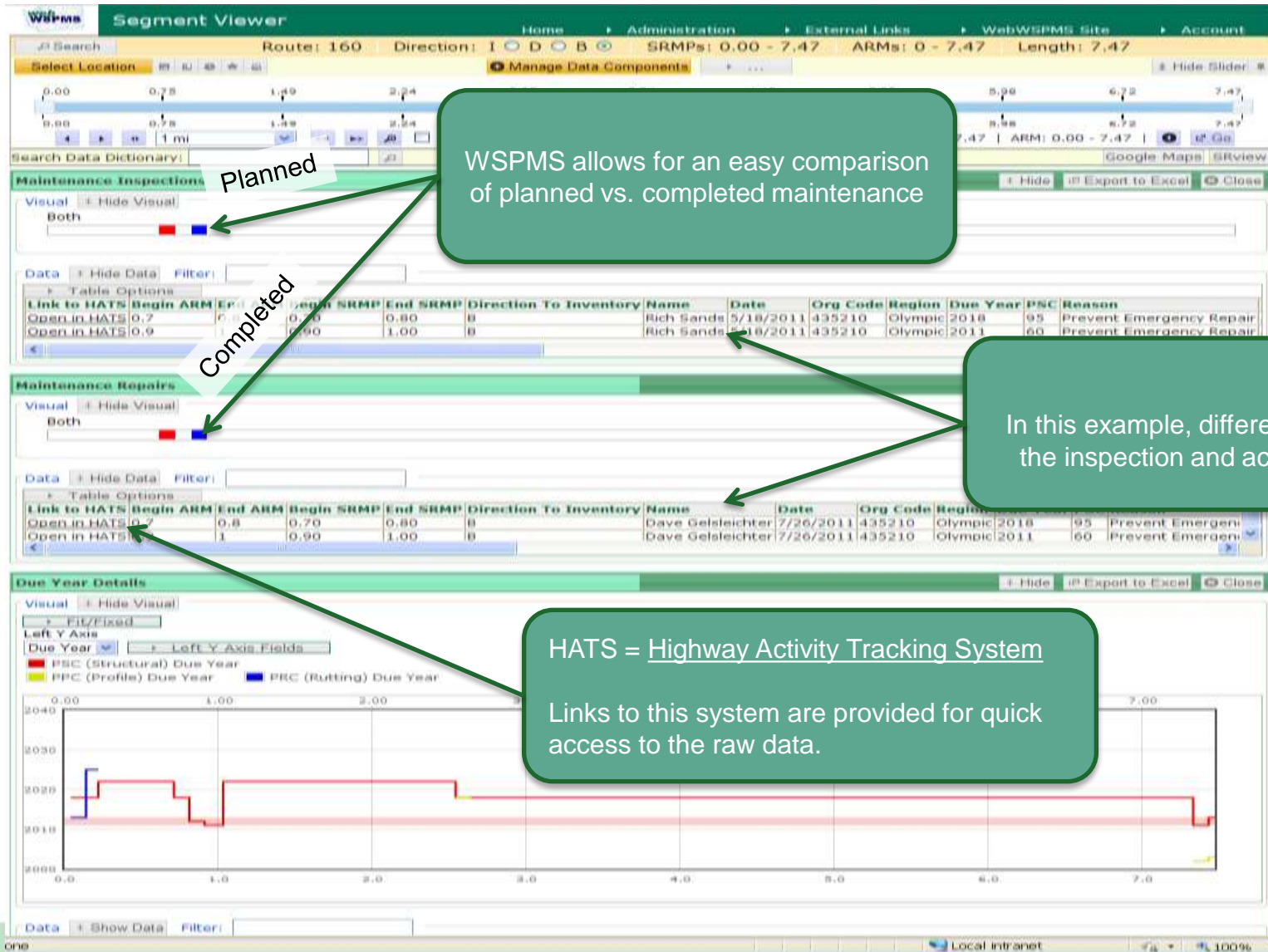


Preservation Program (cont.)

What is WSDOT doing to make pavement preservation part of our culture?

- Fortunate to have long history of pavement management (from 1970's)
- Currently have strong leadership push for asset management
- In last 2 years have started process of more integration between pavement maintenance and capital programs
 - Capital budget is specifically funding some pavement maintenance activities

How is maintenance data viewed in WSPMS?



Preservation Activities 09-11

<u>added life</u>	<u>(years)</u>	<u>annual cost</u>
Maintenance	2-4	\$1,600 / LMY
BST Rehab	6-7	\$6,200 / LMY
ACP Rehab	10-17	\$17,800 / LMY

[LMY = lane mile year]

Viability of each strategy must be evaluated on a project by project basis

New U of W Research Project

- Determining Expected Life and Best Practices for Pavement Maintenance Treatments
 - Two year project 2011-2013 (PI Joe Mahoney)
 - Develop experimental design for maintenance test sections

Interest in RMWPPP

What would WSDOT like RMWPPP to accomplish?

- Sharing of information and experience
 - Best practices
 - Procedures and specifications
 - Research results

Questions?

