

# Rocky Mountain West Pavement Preservation Partnership



## COST EFFECTIVENESS TASK FORCE

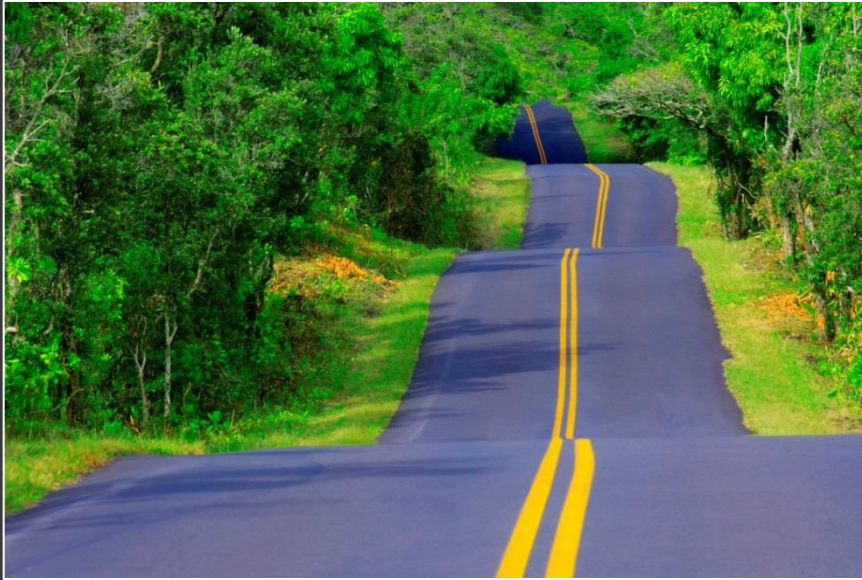
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Achieving cost effectiveness is  
challenging because it is about  
Value Choices.



It's a  
moving  
target.

# Value Choices Are About:



**DATA,  
LOTS of  
DATA!**

If you build it like the Romans...



**ENGINEERING**

# JUST DO IT Environment

Environmental conscience  
adds layers of complexity.  
(this is not a bad thing)

# COST / BENEFIT



Economics

# Examples of Pavement Strategies throughout the West

Montana      Oregon  
Idaho        Nevada  
Utah

# Montana

Treatment	PvMS Trigger	Treatment Life Expectation
Crack Seal	< 6yrs Light /Moderate Cracking	2 to 3 years
Chip Seal	6 yrs <= Age <12 yrs and/or Light/moderate cracking	6 to 12 years; dependent on traffic and environmental conditions
Thin Overlay	Ride and/or Alligator Cracking; Light rutting	8 to 12 years; dependent on traffic and environmental conditions
Microsurfacing	N/A	Initial implementation was 6 to 12 years. Past projects don't have longevity yet to prove assumptions.
Cold-in-place Recycle	N/A	10 - 15 years; dependent on traffic and environmental conditions
Mill - Fill	Ride, Rut, and/or Cracking	12 - 20 years; dependent on traffic and environmental conditions
3/8" Plant mix seal	N/A	N/A
3/8" Grade S	N/A	N/A
Fog Seal	N/A	N/A
Hot In-place recycle	N/A	N/A



We Want You!



**SYNERGIZE** around  
**RESEARCH NEEDS**