

## Montana Pavement Preservation Update

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## Today's Topics



2022 State of Pavement



Treatment Selection



Treatment Performance





### State of Pavement: IRI







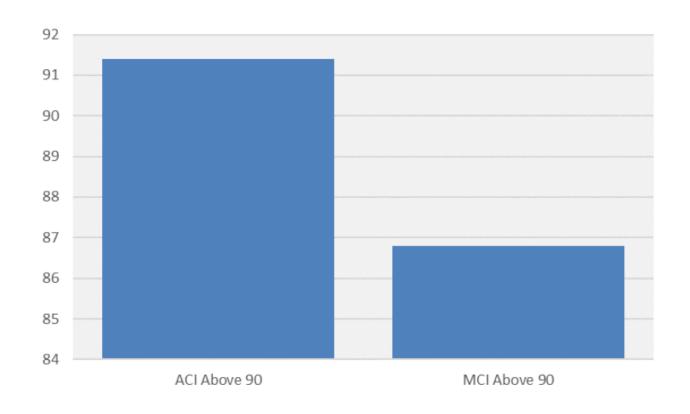
### State of Pavement: Rut







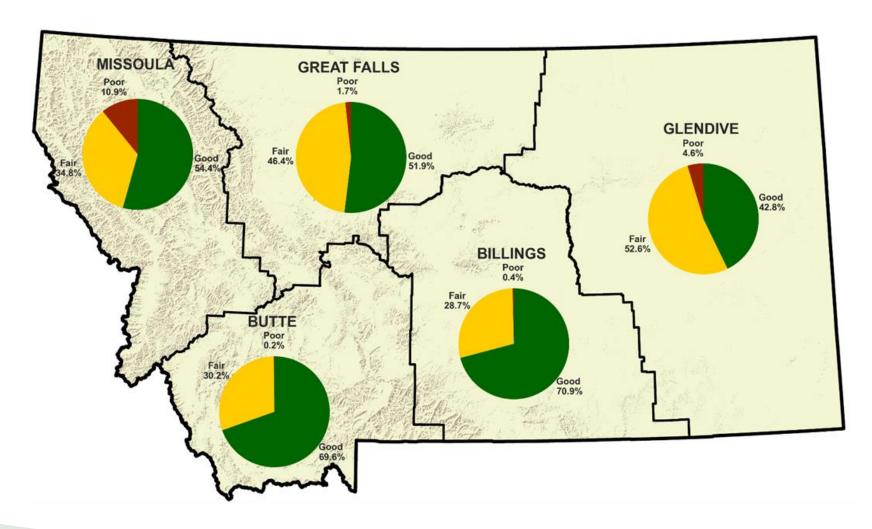
# State of Pavement: Cracking







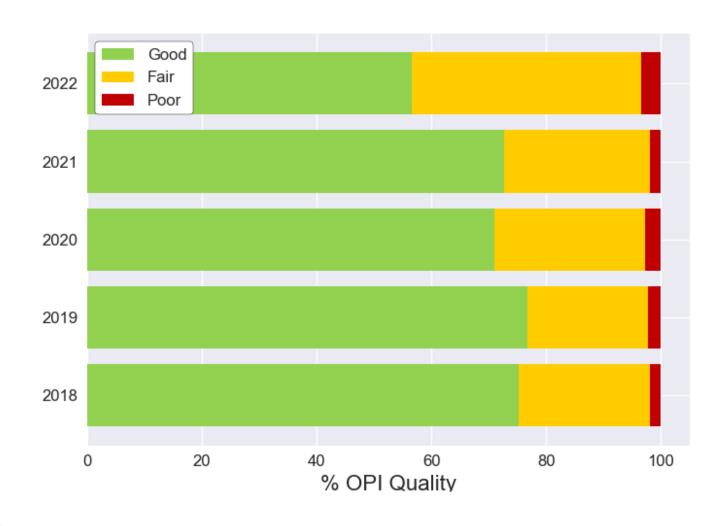
### State of Pavement: OPI







### State of Pavement: OPI







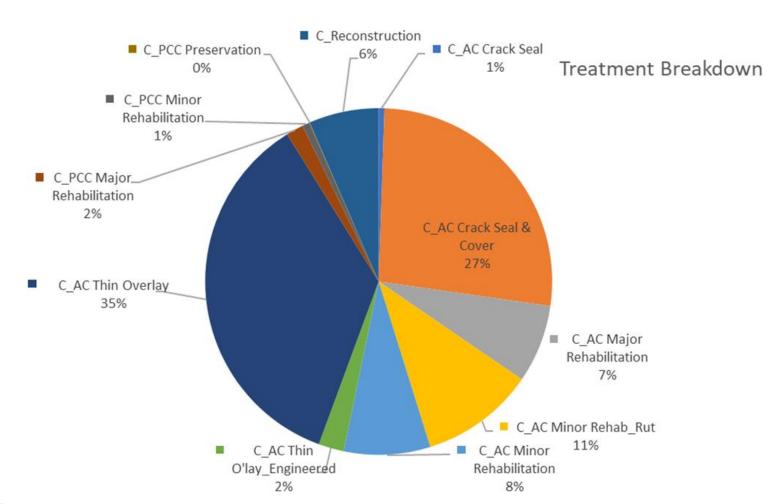
### **Treatment Selection**

### Legend Treatment C AC Crack Seal C\_AC Crack Seal & Cover C\_AC Major Rehabilitation C\_AC Minor Rehab\_Rut C AC Minor Rehabilitation C\_AC Thin O'lay\_Engineered C\_AC Thin Overlay C PCC Major Rehabilitation C PCC Minor Rehabilitation C\_PCC Preservation C\_Reconstruction





## **Treatment Selection**





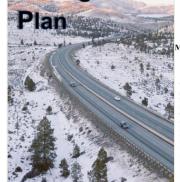


### **Treatment Selection**



### **Transportation**

Asset Management



#### GUIDELINES FOR NOMINATION AND DEVELOPMENT OF PAVEMENT **PROJECTS**

(CORRECTIVE MAINTENANCE TO RECONSTRUCTION)

MONTANA DEPARTMENT OF TRANSPORTATION

(NHS): by MDT on non-NHS routes (normally funded by the Surface Transportation Program STP); or the project may be a state-funded project. All projects will receive the appr

Montana Department of Transportation

Montana Transportation Commi





Federal Highway Administration

**TAMP:** Commits to choosing right treatment at right time and costeffective solutions that consider pavement lifecycle.

FHWA Agreement: Establishes consistent criteria for the treatment selection for different funding and roadway categories.





## Treatment Performance Examples



Microsurfacing



Cold & Hot-in-Place Recycling

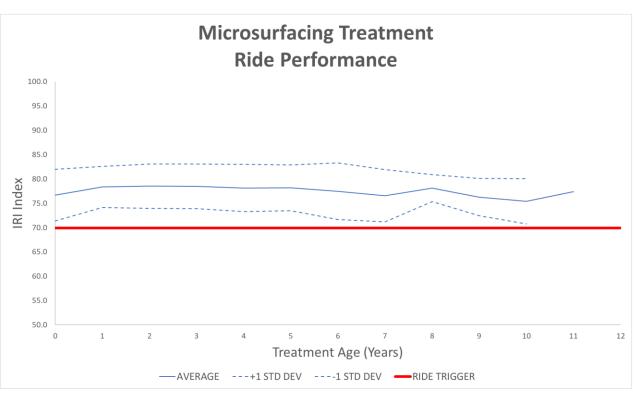


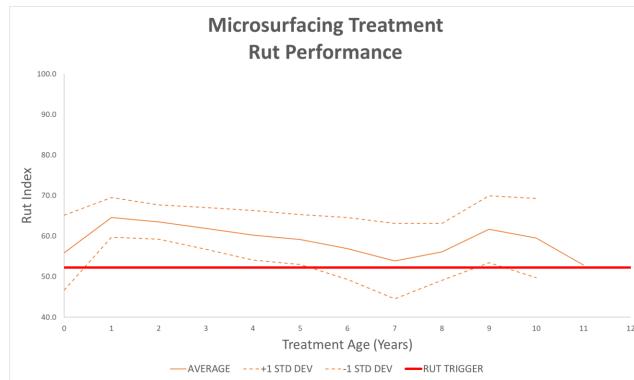
Mill & Fill





## Microsurfacing

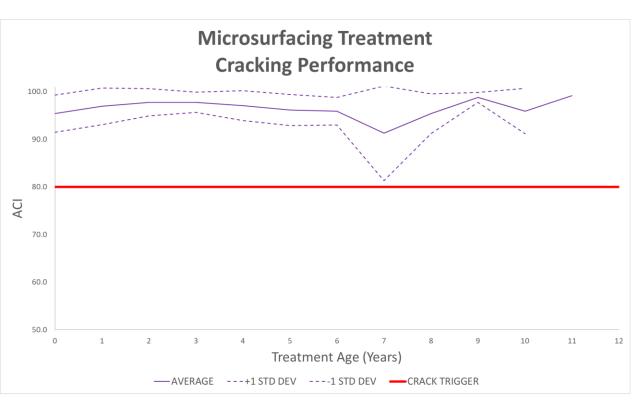


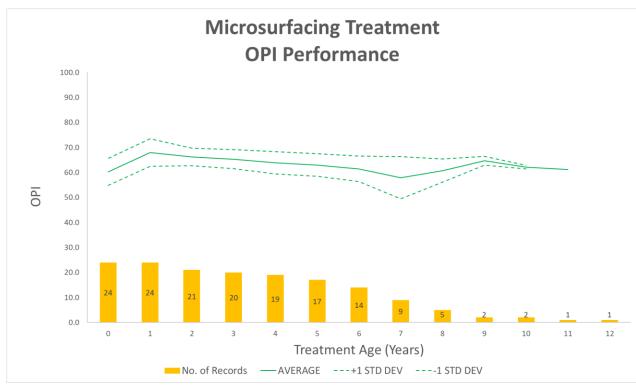






## Microsurfacing

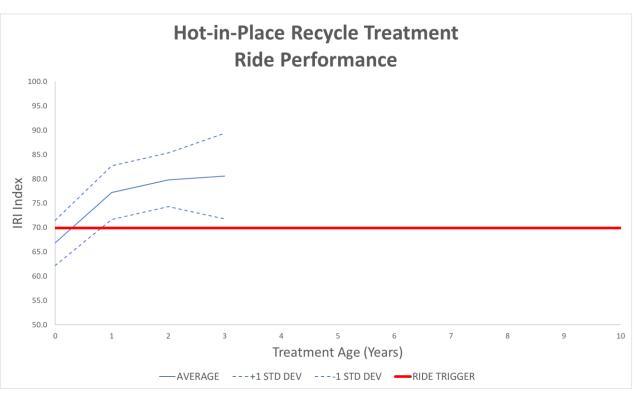


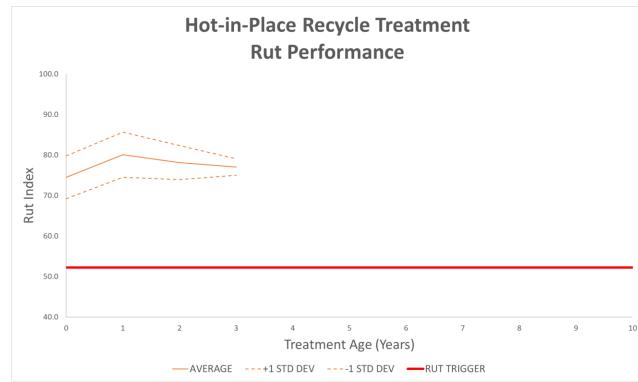






## Hot-in-Place Recycle

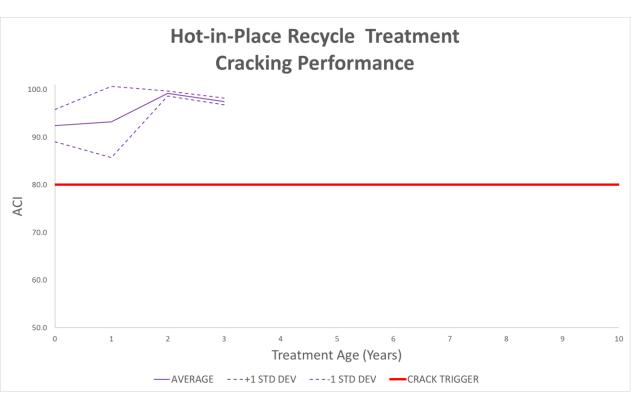


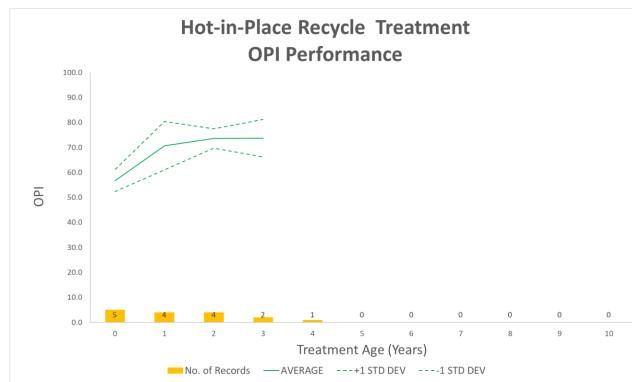






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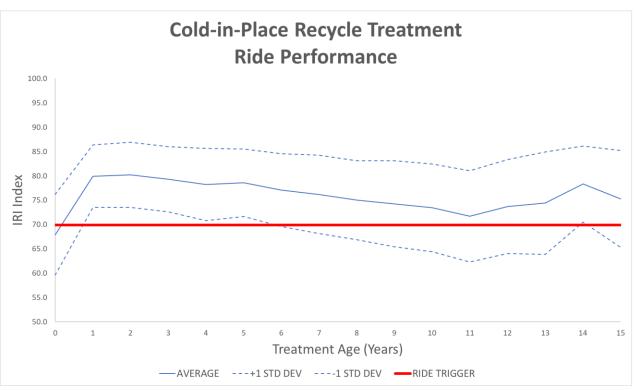


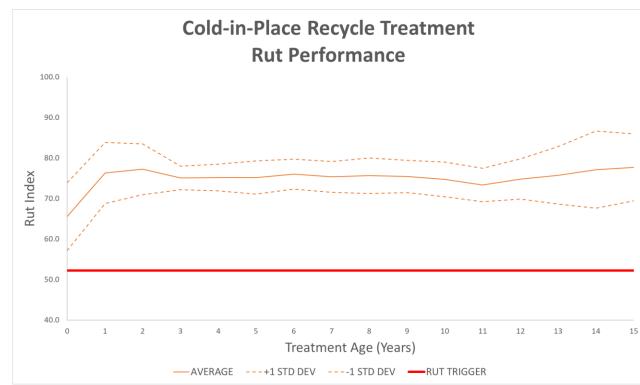






## Cold-in-Place Recycle

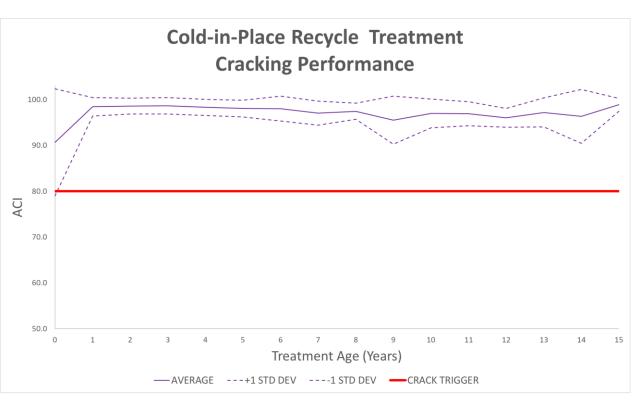


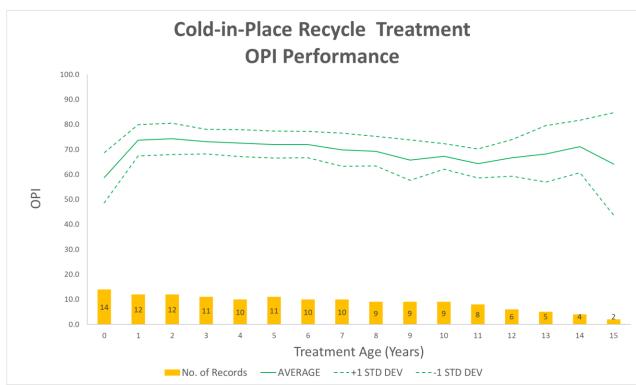






# Cold-in-Place Recycle

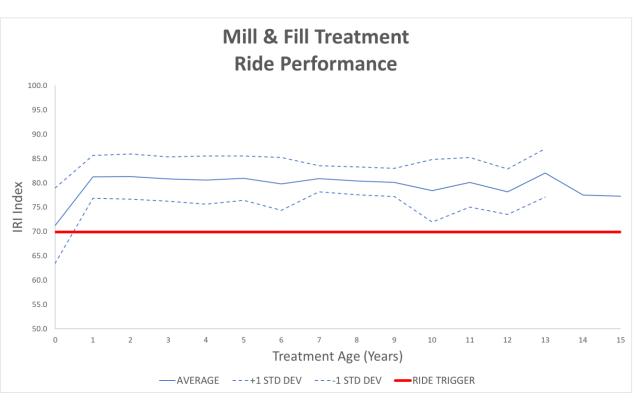


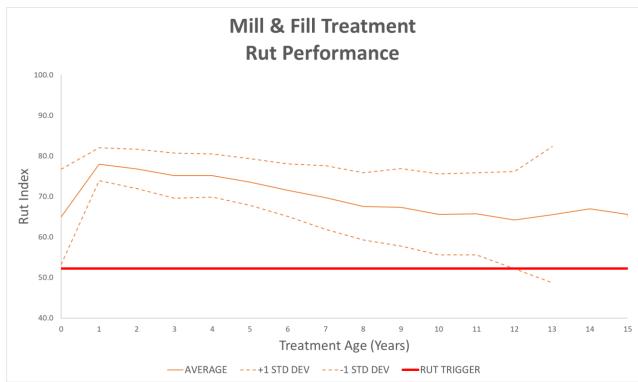






## Mill & Fill

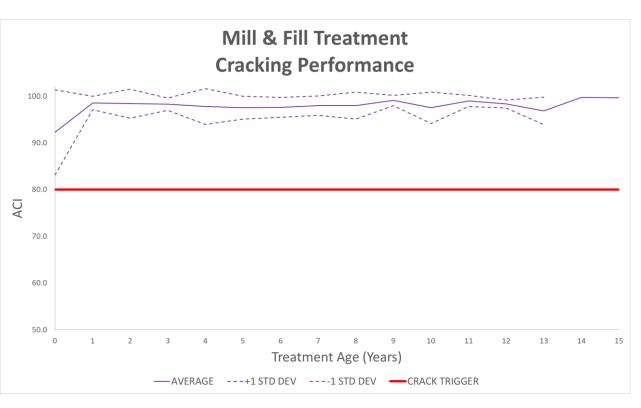


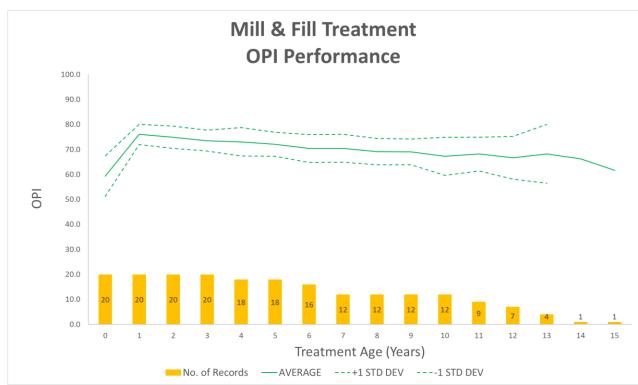






## Mill & Fill









## Thank You!















