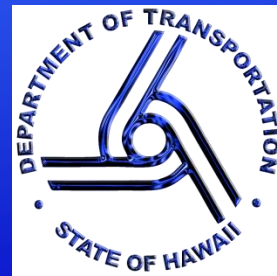


**Rocky Mountain West Pavement Preservation  
Partnership State Report  
October 2014**

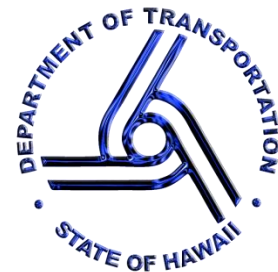
**Raymond J. McCormick, P.E.  
Highways District Engineer, Kauai**



# Hawaii Department of Transportation Highways Division

## HI Basic Demographics

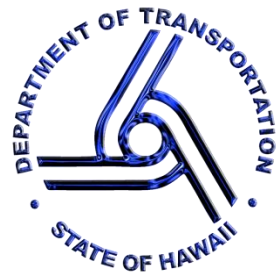
- State Highway System Description
  - 4430 Total Centerline Miles (Four Districts)
- Number of State Highway Employees: 860
- Total State Highway Budget: \$240 M
- Total Pavement Preservation Budget: \$94 M
- Total Federal Aid Funds approximately \$150 to 160M per year



# Hawaii Department of Transportation Highways Division

## Major Pavement Preservation Treatments

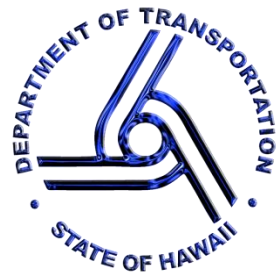
- 1.5 inch (cut 1.5 inch and fill 1.5 inch) HMA is most common
- 4 to 5 inch Ultra Thin White topping has been used on Maui and Kauai
- Slurry Seal has been used on Maui
- Crack Sealing has not been used extensively, however, we are preparing an open end contract that will be used to implement a crack seal program on Oahu
- Microsurfacing has not yet been used



# Hawaii Department of Transportation Highways Division

## Strengths

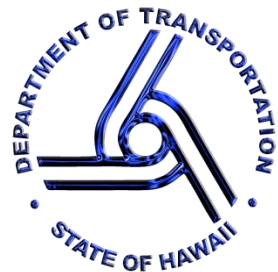
- We have implemented multiple PPM Treatments
  - UTW, Slurry seals, Dowel Bar Retrofits, diamond grinding, partial and full depth repair as well as high friction courses
- Excellent working relationship with industry
- Excellent working relationship with the FHWA
- Rocky Mountain West Pavement Preservation Partnership



# Hawaii Department of Transportation Highways Division

## Challenges

- Including pavement preservation as part of the pavement management system
- Funding (Fixing good roads in lieu of fixing poor to bad roads) Public Awareness
- Funding (Reduced budget)
- Funding (Dedicated Budget)
- Timely Treatments (Pavement Condition/Contracts Awarding)
- **Changes in Administration**



# Hawaii Department of Transportation Highways Division

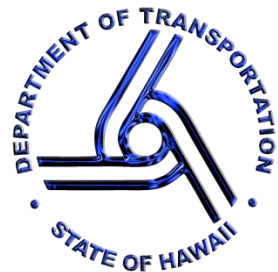
## Looking Ahead

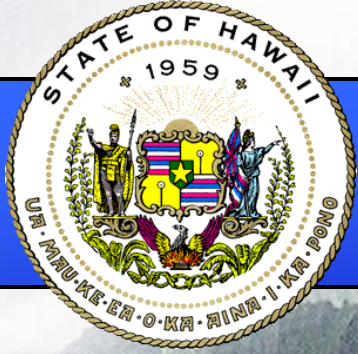
Proactive Approach to Pavement Preservation:

Better use and collection of data

Improved Pavement and Bridge Management  
Systems

Increased training for our staff





# MAHALO

