Pavement Preservation and Rehabilitation

The Process and Cost of Maintaining Snohomish County’s Roadway Network
Typical Pavement Performance Curve
Goal to keep roads/streets in the upper Satisfactory to Good category
Crack Seal Program

• Try to stay one year ahead of chip seal program
• Citizen requests considered
• Use one County Force crew (seasonals)
• 2017 + 2018 expenditure: $274,900
Chip Seal Program

- Complete 60-80 lane miles per year using County Forces
- Road selection based upon a 7-10 year cycle, existing condition, truck ADT
- Use tight specifications for 3/8” washed chip
- Some roads are pre-leveled with asphalt prior to chip seal
- Chip seal production rate averages 4.4 lane miles per day
Annual Overlay Program

Since 2010

- Average of 9.25 centerline miles per year for total of 83 miles
- Spent $22M on overlays with an average expenditure of $2.4M per year

Work contracted out but inspected by in Snohomish County staff.
ADA Associated with Overlay Program

- 395 ramp upgrades since 2015
- Expenditure per year is $1.2M,
- # ramps per year is 99
- Average cost per ramp $15,000
Key to Successful Pavement Preservation Program

- Simple & Measurable Goals
- Management/Elected officials Support
- Dedicated and Continuous Funding
- Track your progress and metrics
- Adopt and use a Pavement Management System
Questions?