

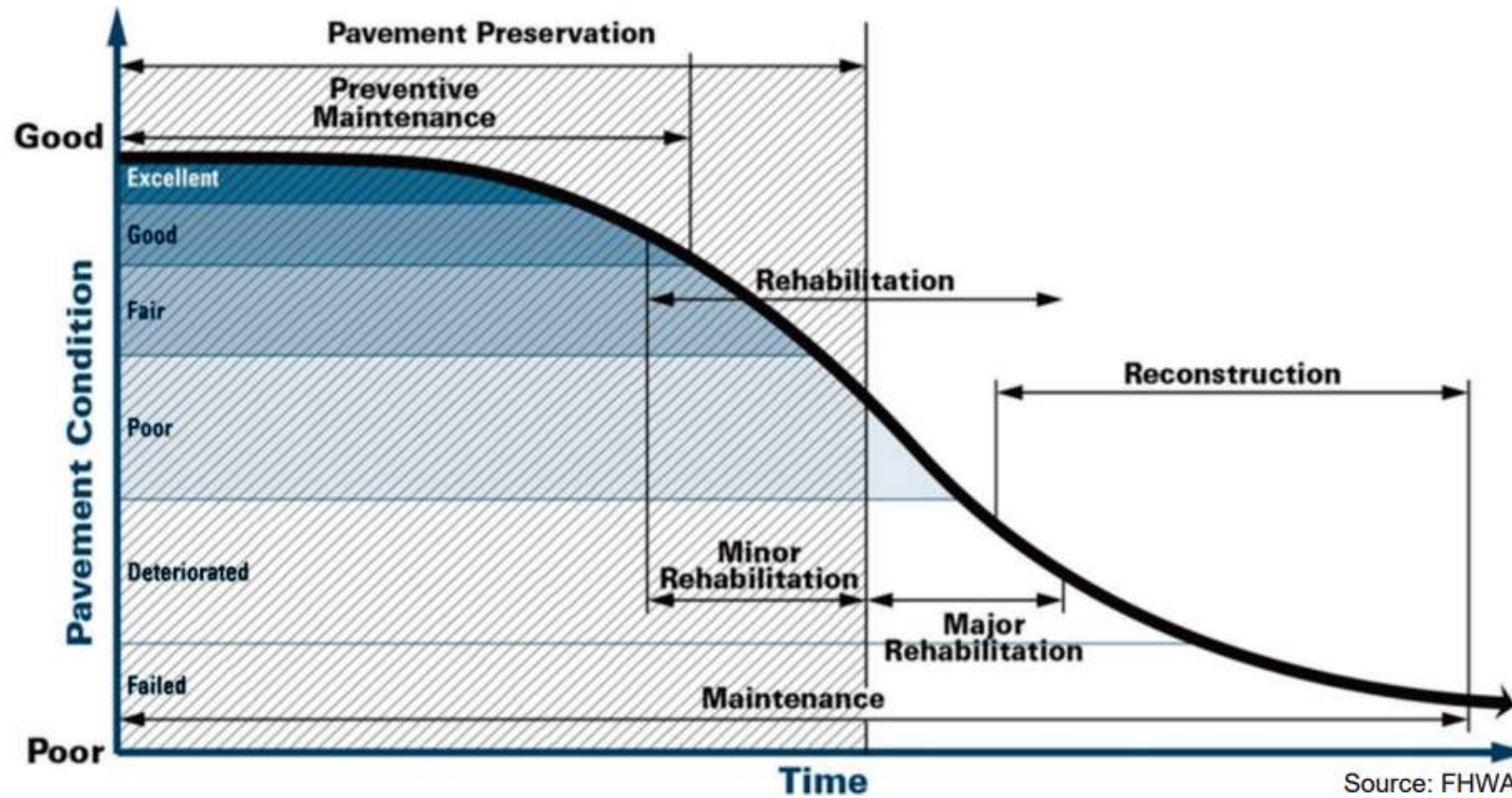
# Pavement Preservation Best Practices

Dana Larsen, P.E.  
Ward County Engineer

# Tools in the tool box

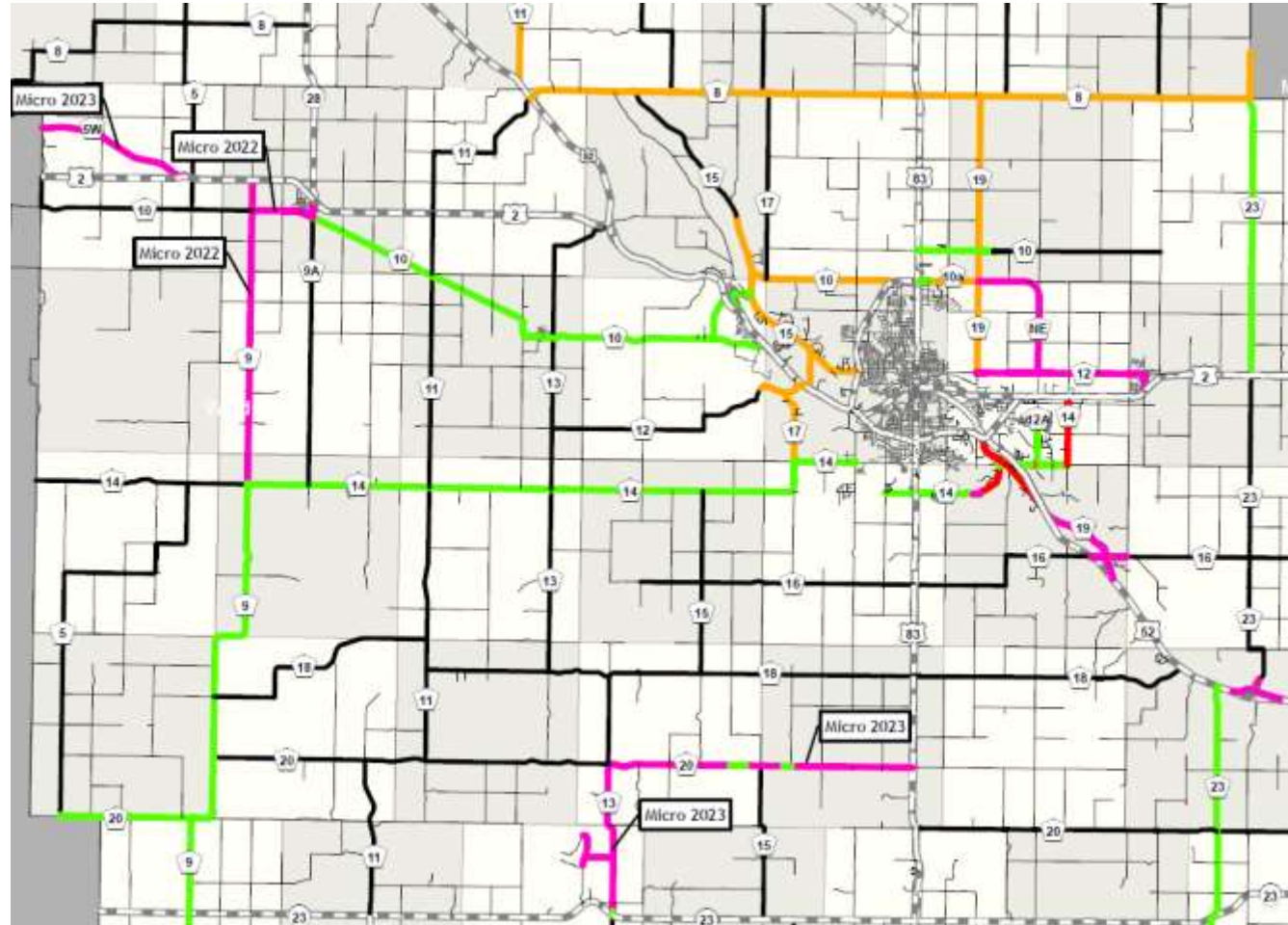
- ▶ Crack Fill / Crack Seal
- ▶ Route and Crack Seal
- ▶ Mastic Crack Filler
- ▶ Patching
- ▶ Chip Seal
- ▶ Fog Coat
- ▶ Slurry Seal
- ▶ Micro Surfacing
- ▶ Micro Mill and Micro Surface
- ▶ Overlay with Blade Level
- ▶ Mill and Overlay
- ▶ Cold In place Recycling

# Micro Surface with Scratch Course



# Ward County - GIS Data

- ▶ Crack Seal History
- ▶ Chip Seal & Micro Surface History
- ▶ Paving History



# Patching, Crack Seal, Mastic, Chip Seal



# Patching, Crack Seal, Mastic, Chip Seal



# Chip Seal

- ▶ CRS-2P 0.38 to 0.40 gal/SY
- ▶ CL 41-M 25 lbs/sy
- ▶ CSS1H (fog coat) 0.06 gal/sy (0.12 gal/sy blended shot rate)

# Micro Surface - County Road 9





# Crack Fill vs Route and Crack Seal



# Blade Level and Overlay

