# Sharpening The Tools In Your Toolbox

**Pavement Preservation Techniques** 

Pat Kennedy, PE

MGPEC Steering Committee Chairman Assistant Director, Denver Street Maintenance

2010 RMPPP Annual Meeting

Oct 19-21, 2010 Boise, ID

## **Agenda**



- What are minor treatments?
- Pavement Management approach to minor treatments.
- MGPEC Task Force.
- Minor treatment acceptance.



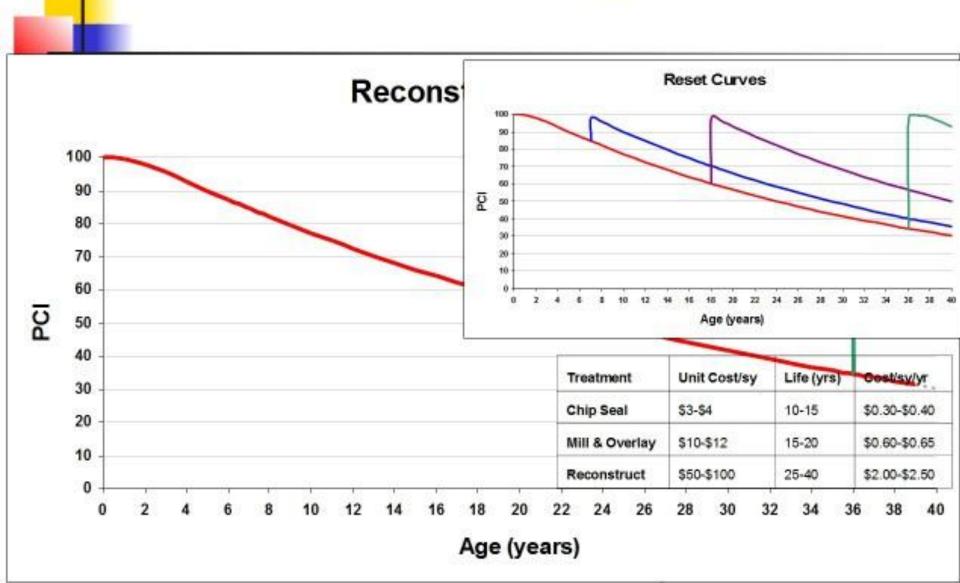


- Extend the life of pavements
- Applied early in a pavement life
- Surface treatment, little structural benefit
- Big bang for the buck





## **Pavement Management**







- MGPEC Task Force
  - Polled local agencies
  - Defined types of distresses
    - · Asphalt
    - Concrete
  - Treatment recommendations



### "My street didn't need paving."

- Pavement surface wears quicker than full section.
- Treating the surface is less expensive than treating the full section.
- Treating the surface protects the full section.
- Analogies
  - Auto oil change
  - Painting the house





Decision makers advocating 'worst first' strategy.

- Minor treatments are part of a comprehensive Pavement Management process.
- 'Worst first' costs more.
- Analogies



## **Minor Treatment Acceptance**

#### "Chip seal is horrible!"

- Fugitive Rock
- Fog seal
- Rough surface
- Cape seal





- Paving streets is not a 'place and forget' strategy.
- Preventative maintenance extends the life of pavements.
- Many tools available.
- Choose the correct treatment.

