



Why Chip Seal?
Gooding Road Maintenance Plan



introducing

Asphalt Preservation





**EACH DOLLAR SPENT ON
MAINTENANCE BEFORE THE AGE OF
RAPID DETERIORATION SAVES \$6 TO
\$10 IN THE FUTURE REHABILITATION
COST.**



Chip seals are expected to provide at least 5 years of service but due to budgetary constraints the current plan is to resurface every 10 years; therefore, three or four chip seals may be necessary for a pavement to reach its **design life**.



When applied on existing flexible pavement a **chip seal** will provide a surface wearing course, **seal the underlying pavement** against water intrusion, and **enhance or restore** skid resistance, and enrich the pavement surface to prevent the distresses caused by **oxidation**.



Chip seals are generally effective in sealing fine cracks on the roadway surface, unless the cracks are indications of structural **distress**.

Preventative Maintenance Concept

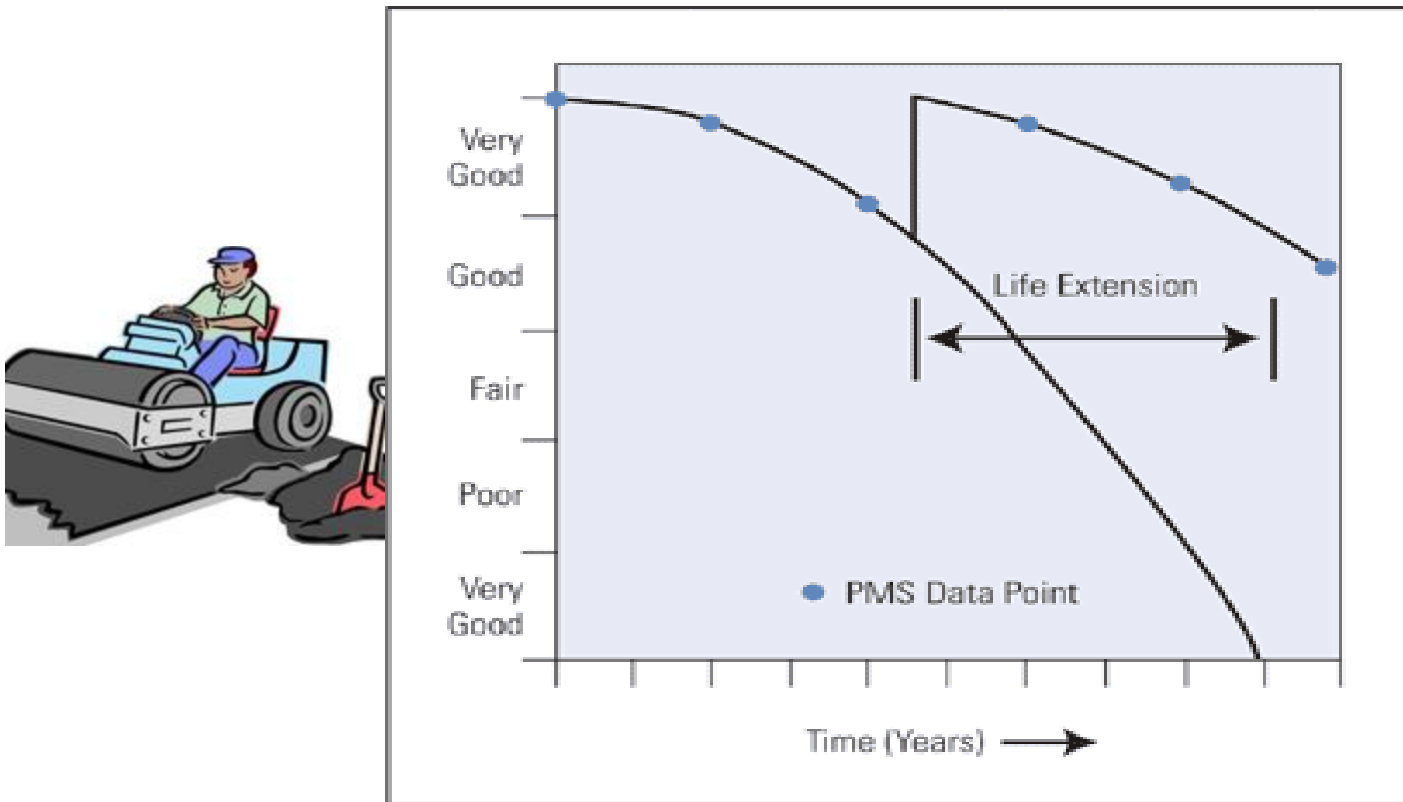


Figure 1 provides a simplified depiction of the life-extending benefit of a treatment. The graph shows a typical deterioration curve and Life-extending benefit of preventative maintenance.



Benefits of Chip Sealing:

- Improve surface texture.
- Waterproof the surface.
- Protect the underlying pavement from oxidation, aging and traffic wear.
- Give new life to dry, weathered surfaces.
- Seal small cracks and imperfections.
- Economic way to resurface roads.



QUESTIONS

For further information contact Public Works Director Larry Bybee (208) 595-4902

