

Pavement Preservation



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San Antonio, TX**

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Pavement Management**

Strengths



1. Executive Level Support

- **Increase in funding**
- **25% of budget for PP
(Min. 10% - micro)**



2. Existing pavements in good condition

- 8 Perpetual Pavement Awards**
- NCHRP Comparative Roughness Study (2008)**
- Overdrive Magazine**



3. Pavement Management System

- **HPMA by Stantec**
- **11 years of good data**
- **Analysis and Optimization**



Weaknesses

1. Loss of Experience

- **Regional Resurfacing Coordinators**
- **Succession Planning - Retirement**



2. Limited Knowledge of Pavement Preservation Treatments

- **Contractors**
- **Department Personnel**
- **Public**



Opportunities



1. Improving Treatments

- **Emulsions and mixes**
- **Specifications**
- **Cost**

2. In-state Microsurfacing Contractors

- **Ease of scheduling**
- **Lower Cost**



Threats



1. Public Outcry to PP Treatments

**Why are you putting this on
my paved road?**



2. Contractor Quality

- **Must be good for public acceptance**

3. Volatility of Asphalt Prices



Successes



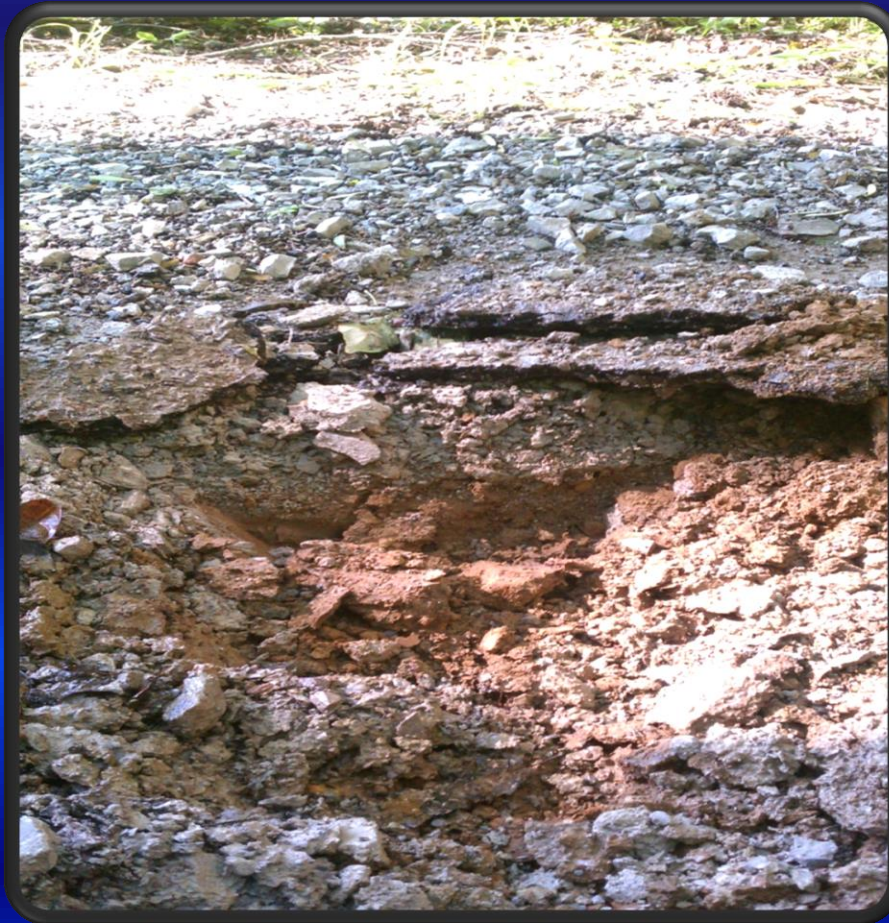
1. Standard Operating Guidelines



2. 1st Full-Depth Reclamation Project



2. Full Depth Reclamation (cont'd)



2. Full Depth Reclamation (cont'd)

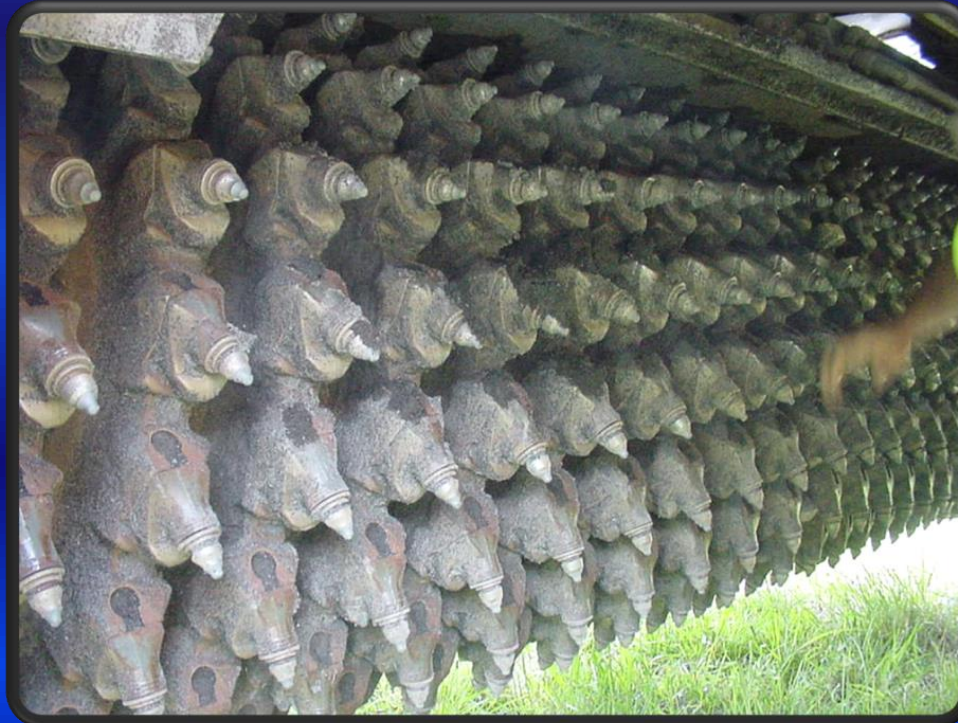


3. Research on Pavement Preservation Treatments

- **Established Treatment Life for our most-used treatments**
- **Allows use in PM system**



4. Fine-toothed Milling



46.0

37.9

20.2

Thank You



Questions ?





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