



**CASTROVILLE**  
*the little Alsace of Texas*

**Pavement Restoration Inc.**

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# Pavement Restoration Inc.

## Serving South Texas

Our aim is to add value to the Asphalt Road System throughout America.

Application of emulsion  
Rejuvenators to preserve asphalt.



# Who are we?

We offer a complete turnkey service with full Application Process of Rejuvenators, Traffic Control and Residential Notification.

We offer free comprehensive GIS street evaluations and lab testing of pre & post treatment in

ARIZONA, COLORADO,  
NEW MEXICO & TEXAS

We believe in a philosophy of Preventative Maintenance

**RIGHT Treatment**

**RIGHT Road**

**RIGHT Time**





# Local Customers

**Bexar County**

**Cedar Park**

**Fair Oaks Ranch**

**Guadalupe County**

**San Antonio**

**Travis County**



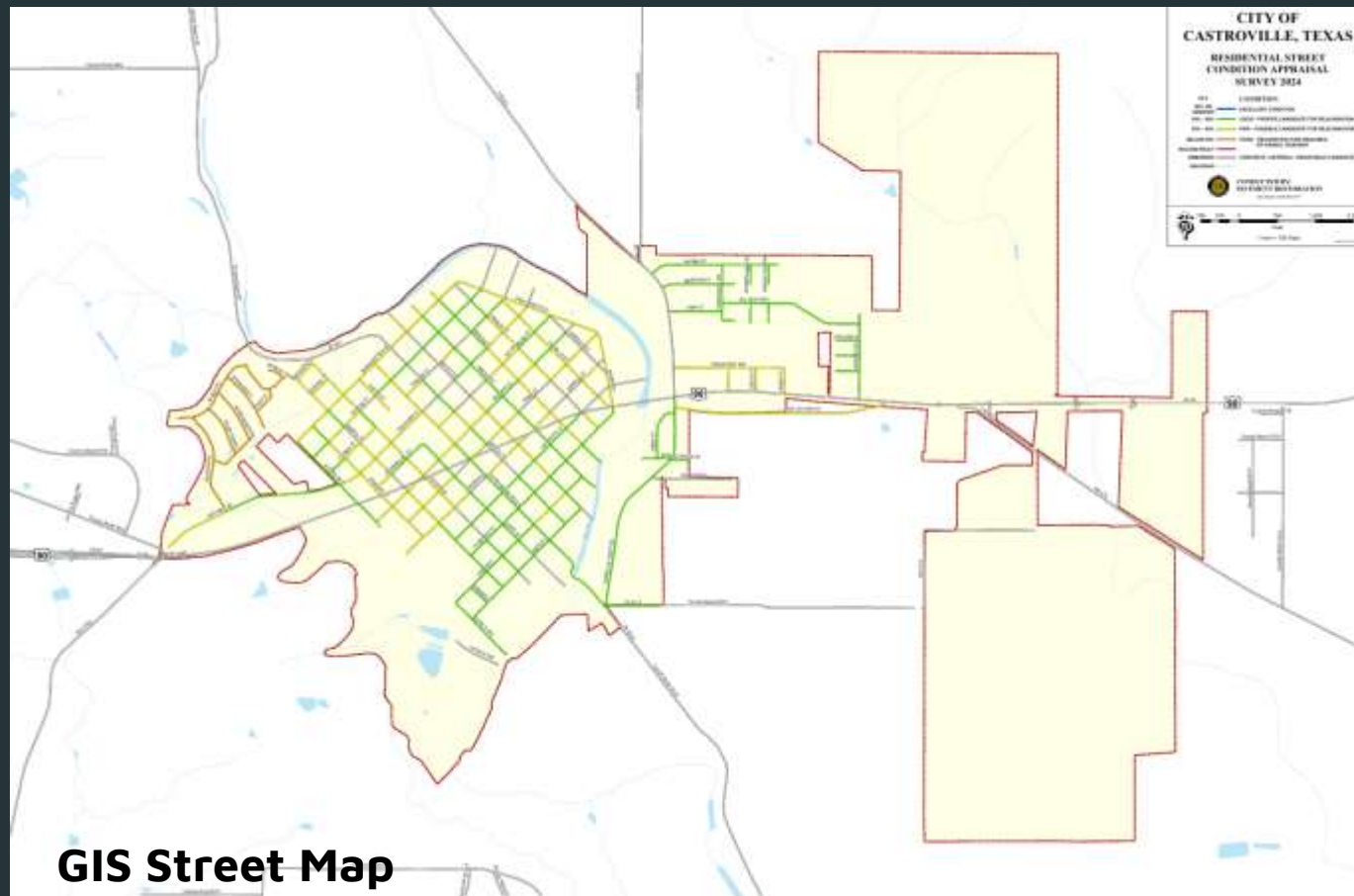
# How We Can Help



Westheim Village



Alsatian Oaks



GIS Street Map



# What happens to Asphalt over time?

From the moment the Asphalt is laid oxidation affects the Maltene/Asphaltene Oil Ratio (chemical binders) increasing viscosity (flow) and reducing penetration values (embrittlement & hardness) by the following –

- **TEMPERATURE**
- **WATER**
- **OXIDIZATION**
- **TRAFFIC WEAR**





# Pavement Advantages Using Reclamite® Rejuvenator

- Restores the proper balance between the five Asphalt components.
- Restores flexibility and ductility to the top portion of old, brittle pavement.
- Works with all asphaltic surfaces, HMAC, Chip seals, Slurry, Micro, Fogs etc.
- Seals in depth and not just the surface against intrusion of air and water elements.





# Our Turnkey Process

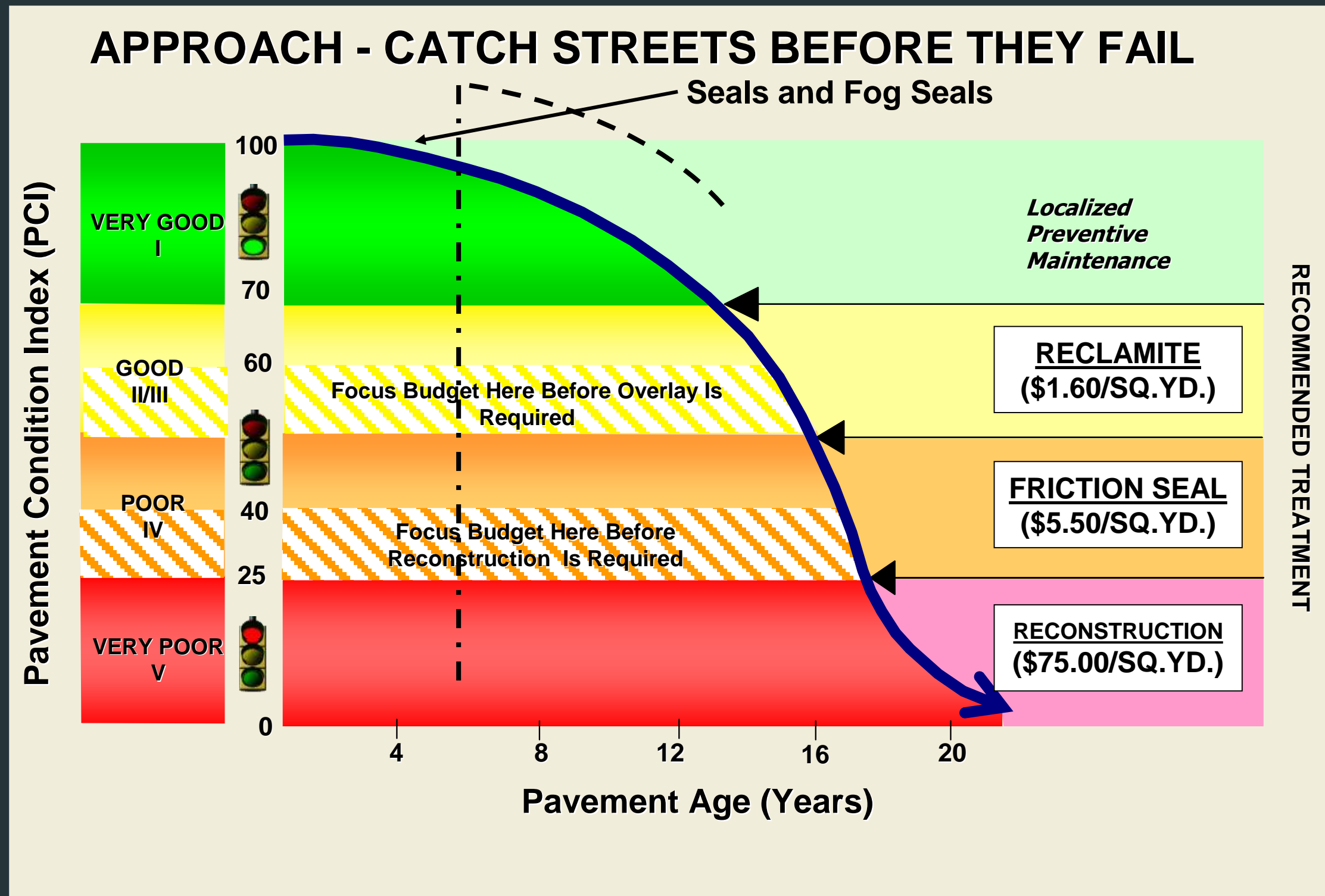


From \$1.60 per SQ YD Turnkey





# Pavement Preservation – PCI



Preventative Maintenance Now vs. Higher Costs Later



# Your Benefits

- Extend Asphalt service life of the pavement by 5-7 years.
- Higher Rate of Return on your Investments.
- Minimal disruption to traffic / Residents.
- Cost effective Proactive maintenance.
- Free up your resources for other priorities.
- No road marking expenses or disruption.





# Thank You

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**COMFORT, TX - February 2017**  
**Automated Mill Emulsion Plant**





# “Water Based” Cationic Emulsion





# “Water Based” Cationic Emulsion





# Primary Objectives of Pavement Preservation

Prevent Oxidation of Pavement Surface

Decrease the Viscosity of Asphalt Binder

Increase the Flexibility of Asphalt Binder

Prevent the Formation of Cracks in Surface

Prevent the Loss of Fines, Raveling and Pitting of the Pavement Surface





# Travis County, TX



Applying **Reclamite®** - at 0.08 gal per sq yard





# Applying Reclamite® - Lubbock, TX



Shoot one half of the street at a time – allows Residential access

Completion of any one street usually takes 1-2 hrs – minimal disruption to Residents





# Applying Reclamite® - Lubbock, TX



Going Green – Reclamite is a water based  
Environmentally friendly product and process. No  
heating, emissions or ground water contamination,  
non- toxic/carcinogenic, non-flammable





# Applying Reclamite® - Lubbock, TX



In and out of sub-divisions from 9.00am–3.00pm





# Sanding over Treatment - Brownsville, TX

- Light Coating of Sand allows for Immediate Traffic Use
- Provides Skid resistance and Stops tracking
- The sand has no bearing on Rejuvenation Performance







Harris County Houston, TX





# Sweeping - Lubbock, TX



- Sand is swept up the next day





# Reclamite® penetrates rapidly and will not obliterate road markings





# Absorption Ring Test

to determine Application Rates







# Independent Performance Monitoring of successful Rejuvenation

Cores taken 8-10 weeks

Post application



Independent Laboratory for Result Validation in Penetration and Viscosity Values  
After Application on Test Sites and sent off to  
Before & After Core Samples taken 8 weeks





# Maricopa County, AZ – Chip Seal

**TREATED**

**UNTREATED**

**SITE EXAMPLE**





Odessa, TX – Chip Seal, 8 year program

**TREATED**

**UNTREATED**

**SITE EXAMPLE**







NEW PAVEMENT  
TREATED WITH  
**RECLAMITE®**  
1997 (IMAGE 5 YEARS  
LATER – 2002)

2002 PAVEMENT  
UN-TREATED WITH  
PAVEMENT HOLDING  
WATER

**SITE EXAMPLE**





Yellowstone Park, MT  
Image from the 1980's

**TREATED**

Image 5 years later

**UNTREATED**



**SITE EXAMPLE**



Hurst, TX – 4 years after treatment



**UNTREATED**

**TREATED**





Yellowstone Park, MT  
1983 Chip Seal

**UNTREATED**

**TREATED**

**SITE EXAMPLE**

