

PRESENTED BY

BIG RIVER INDUSTRIES
ERWINVILLE, LA

BLOUNT BROS. CONSTRUCTION, INC
SHREVEPORT, LA

DAVISON TRANSPORTATION SERVICES
RUSTON, LA

ERGON ASPHALT AND EMULSIONS
VICKSBURG, MS

MARTIN MARIETTA MATERIALS
MALVERN, AR

PELICAN REFINING COMPANY
CHANNELVIEW, TX

P. R. PARKER COMPANY, INC.
SHREVEPORT, LA

STARS & STRIPES TRAFFIC SYSTEMS
ALEXANDRIA, LA

TERRAL RIVER SERVICE
TALLULAH, LA

TXI OPERATIONS
STREETMAN, TX

WRIGHT ASPHALT PRODUCTS
HOUSTON, TX

Place
Stamp
Here

Asphaltic Surface
Treatment Demonstration
P.O. Box 5130
Shreveport, LA 71135
Phone: 318.525.0704
Fax: 318.798.1641

Asphaltic Surface Treatment Demonstration



HOSTED BY:

LA Tech Department of Civil Engineering
And
LA Tech Alumni Association



Louisiana Tech University
Ruston, LA
(Joe Aillet Stadium next
to the Argent Pavilion)

Date: August 28, 2009
Time: 9:30 a.m.

Asphaltic Surface Treatment

Although it is most commonly referred to as Asphaltic Surface Treatment (AST), it is also referred to as "Chip Seal" or just "Surface Treatment". Since the early 1900's it has been used as a method of surfacing and protecting the expensive base and sub-grade of pavement structures from the harmful infiltration of water, while also providing a nice driving surface.

Generally the process consists of distributing hot asphaltic liquid over the surface of a newly prepared base or existing pavement (*picture below*). The hot asphalt quickly fills and seals cracks and joints, and then before it hardens, rock chips are spread over the surface and rolled in to place. The rock chips protect the new asphalt from tire traffic and provide a skid-resistance driving surface. Multiple courses or layers may be applied as required or desired.



PURPOSE and GOALS

- Promote and improve the use of Asphaltic Surface Treatment (AST) in Louisiana
- Reduced the cost of road construction and preservation through better understanding of AST
- Allow the Louisiana taxpayers to benefit from research performed by Louisiana Tech University and being headed by Dr. Aziz Saber, Ph.D., P.E. Civil Engineering Program Chair and Dr. Nazimuddin Wasiuddin, Ph.D., Assistant Professor of Civil Engineering
- Educate on AST Basics
- Learn about AST application equipment from industry expert
- View actual application of AST
- Interact and network with industry peers

Who should attend: Parish Police Jury members, highway engineers, city engineers, parish engineers, consulting engineers, road superintendents, and.....anyone seeking to increase their knowledge about AST

AGENDA

Master of Ceremonies
Steve Terrill – LA AGC Area Manager

- 9:30 a.m. Welcome to LA Tech
(Coach Derek Dooley and Bruce Van De Velde - Deputy Athletic Director)
- 10:00 a.m. Asphaltic Surface Treatment Basics
(Kevin King)
- 10:30 a.m. Application Equipment
(Kelly Durham – Region Manager
E.D. Entyre Company)
- 11:00 a.m. Free time to view equipment and displays
- 11:30 a.m. Lunch
(Provided by Ergon & Big River)
- 12:30 p.m. Application Demonstration
(P.R. Parker Company, Inc.)
- 1:30 p.m. Examination of AST application

