

Louisiana DOTD



Preventative Maintenance Program

SEPPP Charleston, South Carolina

March 16 – 18, 2015

New Team Member

Barbara Ostuno

Budget

- State Fiscal Year 2014-2015 - \$7.5 million
- State Fiscal Year 2015-2016 - \$7.5 million
- State Fiscal Year 2016-2017 - \$7.5 million

Pavement Preservation Policy

- Signed 3/26/13
- “Data driven process for selecting... projects”
- Defines permitted treatments

LADOTD

**SELECTION OF TREATMENTS AND PROJECTS FOR PAVEMENT
PRESERVATION**

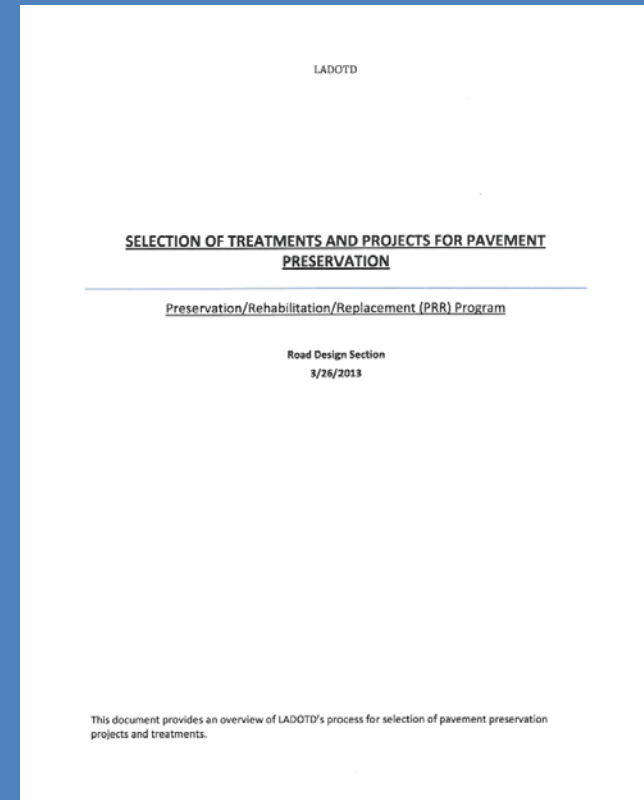
Preservation/Rehabilitation/Replacement (PRR) Program

Road Design Section
3/26/2013

This document provides an overview of LADOTD's process for selection of pavement preservation projects and treatments.

Project Selection

- Funds allocated to districts based on formula
- Districts recommend projects based on PMS data
- Has to conform to requirements of policy
- No requirements to use certain treatments



Preventative Maintenance Treatments

- Chip Seal
- Patching
- Crack/Joint Sealing
- Single-Lift overlay (2" max.)
- Microsurfacing
- Ultra thin overlay

Ultra Thin Overlays

- Previously not used due to cost
- Outside recommendations
 - Newspaper
 - GEMS

Ultra Thin Overlays

Initial response

- Not “One size fits all” as suggested by studies



- Requested outside information

Ultra Thin Overlays

- Thin-lift overlay (<1.50")
 - Does your state use this treatment?
 - In Lieu of 1.5" or 2" overlay or for other applications?
 - What are your state's specifications?
 - Design guidelines – limiting pavement distress conditions?

Ultra Thin Overlays

- Thin-lift overlay (<1.50")
 - Tack Coat Requirements?
 - Use of a spray paver?
 - Do you assign a design life?
 - Do you assign a structural value?

Ultra Thin Overlays

Going Forward

- Limit use based on pavement condition
- Potential for savings/greater use of program
- District Response
 - Pro – good tool for some roadways
 - Con – should other treatment conditions be lower?

Lagniappe

- Other programs
 - Looking more to preservation
 - Looking to pavement data