Louisiana DOTD

Preventative Maintenance Policy

SEPPP Louisville, Kentucky

May 28 – 30, 2014
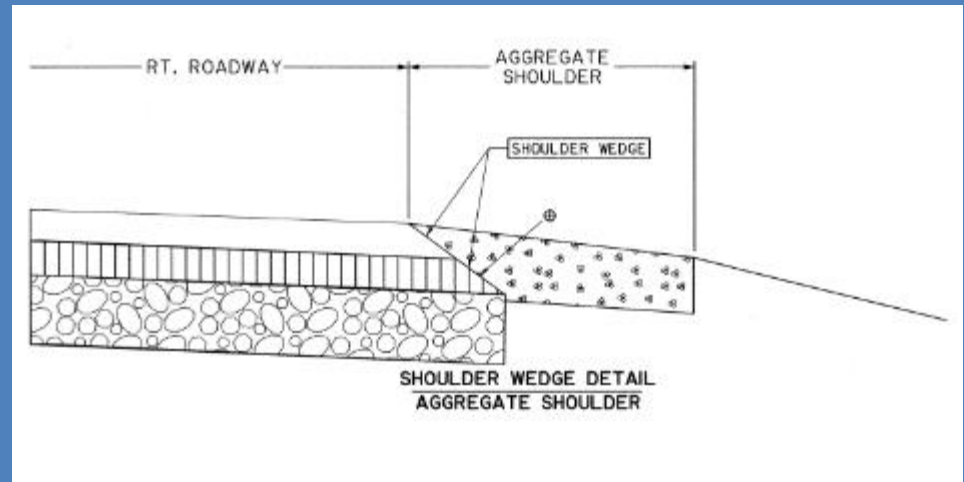
Budget

- State Fiscal Year 2013-2014 - $10 million

- State Fiscal Year 2014-2015 - $7.5 million

- State Fiscal Year 2015-2016 - $7.5 million

Treatments

Statewide Low Cost Safety Treatments

- Rumble strips

- Shoulder wedge

Preventative Maintenance Treatments

- Chip Seal

- Patching

- Crack/Joint Sealing

- Single-Lift overlay (2" max.)

- Microsurfacing

- Thin Lift Overlay

Preventative Maintenance Treatments & Questions

- Microsurfacing
  - Centerline rumble strips?

Preventative Maintenance Treatments & Questions

- 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?

Preventative Maintenance Treatments & Questions

- 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?

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.

Pavement Preservation Policy – Challenges

Maintain good roads vs. way we have always done it

"Before you came to the position you have now…"

"We have spent Precious time"

Pavement Preservation Policy – Data

Data Driven

- Data collection
- PMS software

Pavement Preservation Policy – Challenges

No data – didn't say we couldn't

Pavement Preservation Policy – Challenges

Doing what data said to do

Pavement Preservation Policy – Lessons Learned

- Data and definitions of treatments are a good starting point

- Don't blindly trust "magic black box" – know how it works

- Engineering judgment required

Applying the New Policy

Can be done