

Louisiana Department of
Transportation and Development
FY 09-10 Pavement
Preservation Program



FY 09-10

**Pavement Preservation
budget partition for
interstate work is
\$50.9 million.**



FY 09-10

**Pavement Preservation
budget partition for non-
interstate work is**

\$131.6 million.




Pavement Preservation Non-Interstate

FY 09-10 budget (in million dollars)


District

02	New Orleans	11.9
03	Lafayette	18.0
04	Shreveport	14.6
05	Monroe	15.2
07	Lake Charles	11.3
08	Alexandria	17.5
58	Chase	13.6
61	Baton Rouge	15.0
62	Hammond	14.5
	total	131.6



Number of statewide non-interstate lane miles LaDOTD is responsible for preserving...


33,834



Number of tons of asphaltic
concrete required to pave 2" thick x
12 feet wide x 1 mile.....

$(12' \times 5280') \times (1 \text{ sq.yd} / 9 \text{ sq.ft}) \times 2" \times$
 $(110 \text{ lb} / 1 \text{ sq.yd} / \text{in}) \times (1 \text{ ton} / 2000 \text{ lb}) =$

774.4 tons



Typical percentage of the cost
of asphaltic concrete versus the
total cost of an overlay project...

is between

30% to 50%

of the total cost of the project

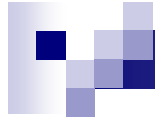


Typical recent cost of a ton of
asphaltic concrete....

is between

\$80 and \$100

per ton (depending on factors such as
quantity, location, night work, etc...)



At an average of \$90 per ton of asphaltic concrete, and an average of 40% of the cost of an overlay project coming from the cost of asphaltic concrete,



It would take an average of

44.8 years

to do a 2" overlay on all of the
non-interstate roads.

$\$90 \text{ per ton} \times 774.4 \text{ tons per lane mile} = \$69,696 \text{ per lane mile}$

$40\% \text{ of the cost} = \$69,696 \text{ per lane mile... then, total project cost} = \$174,240 \text{ per lane mile}$

$\$131,600,000 \text{ per year divided by } \$174,240 \text{ per lane mile} = 755 \text{ lane miles per year}$

$33,834 \text{ lane miles divided by } 755 \text{ lane miles per year} = 44.8 \text{ years per cycle}$



Do we have
any mix
designs for
44.8 years?




Something's
gotta give.....



We need your
help to find
solutions....



Questions?



Thank you for all you do
as you partner with us to
better meet the
transportation needs of
the driving public!