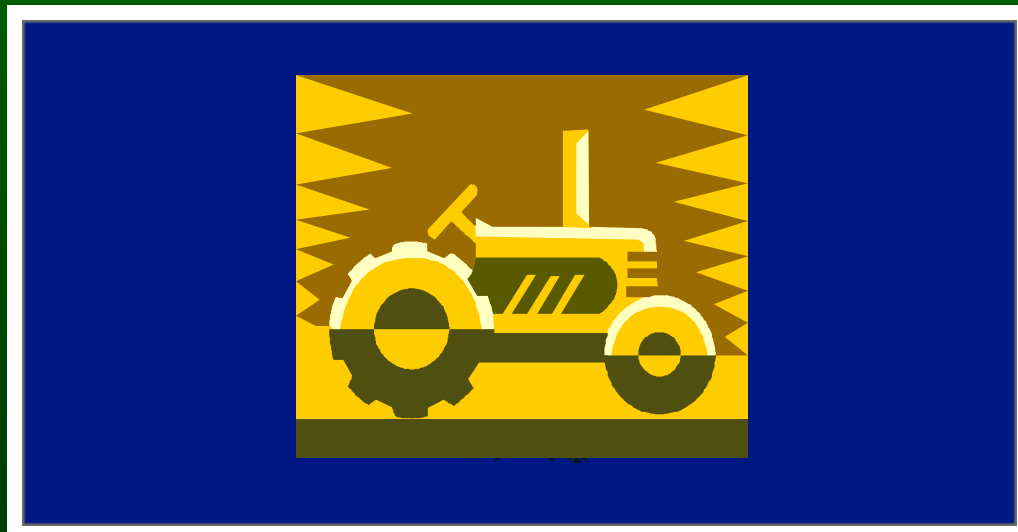
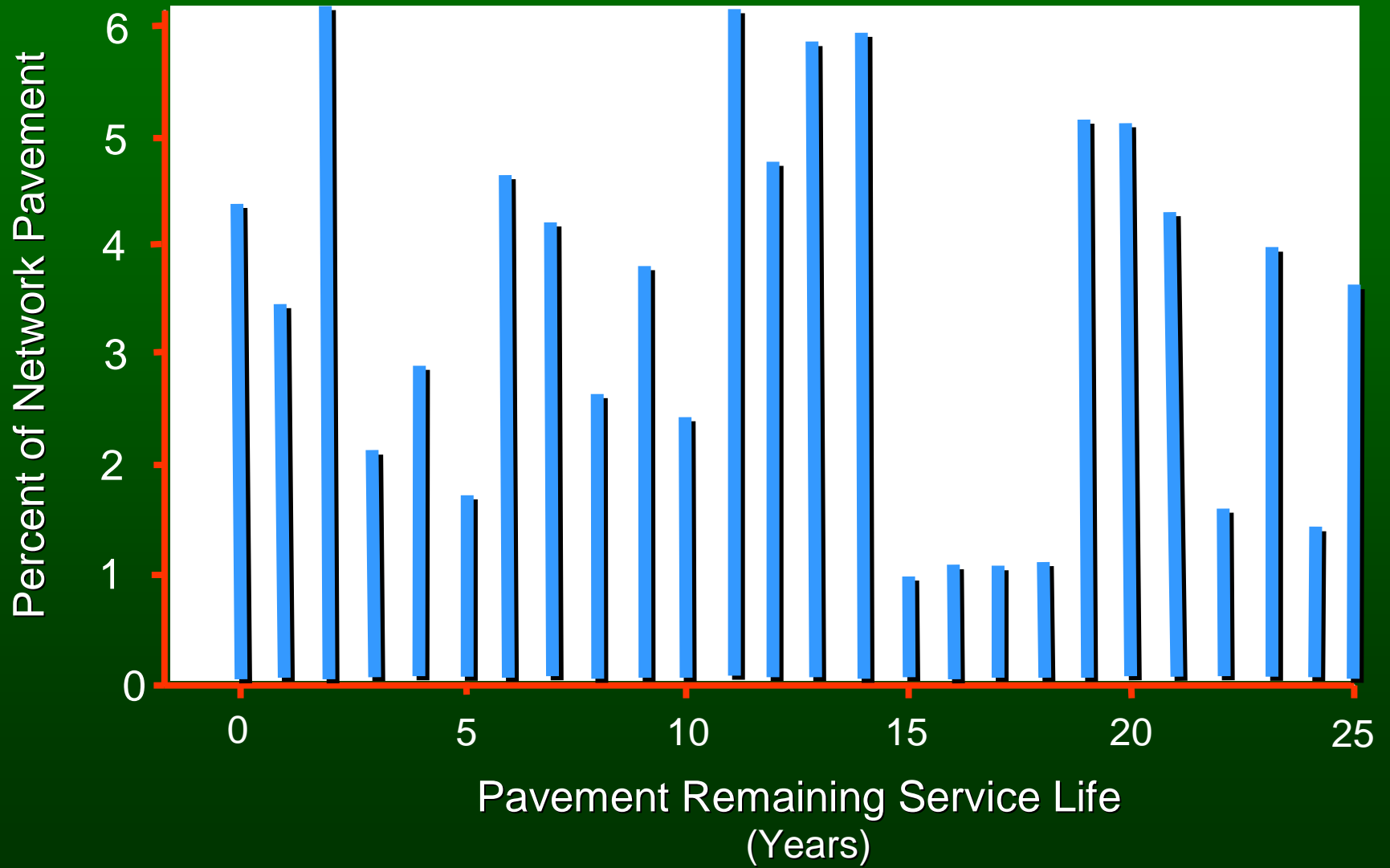


**Network Evaluation  
for  
Mudville  
Transportation Department**

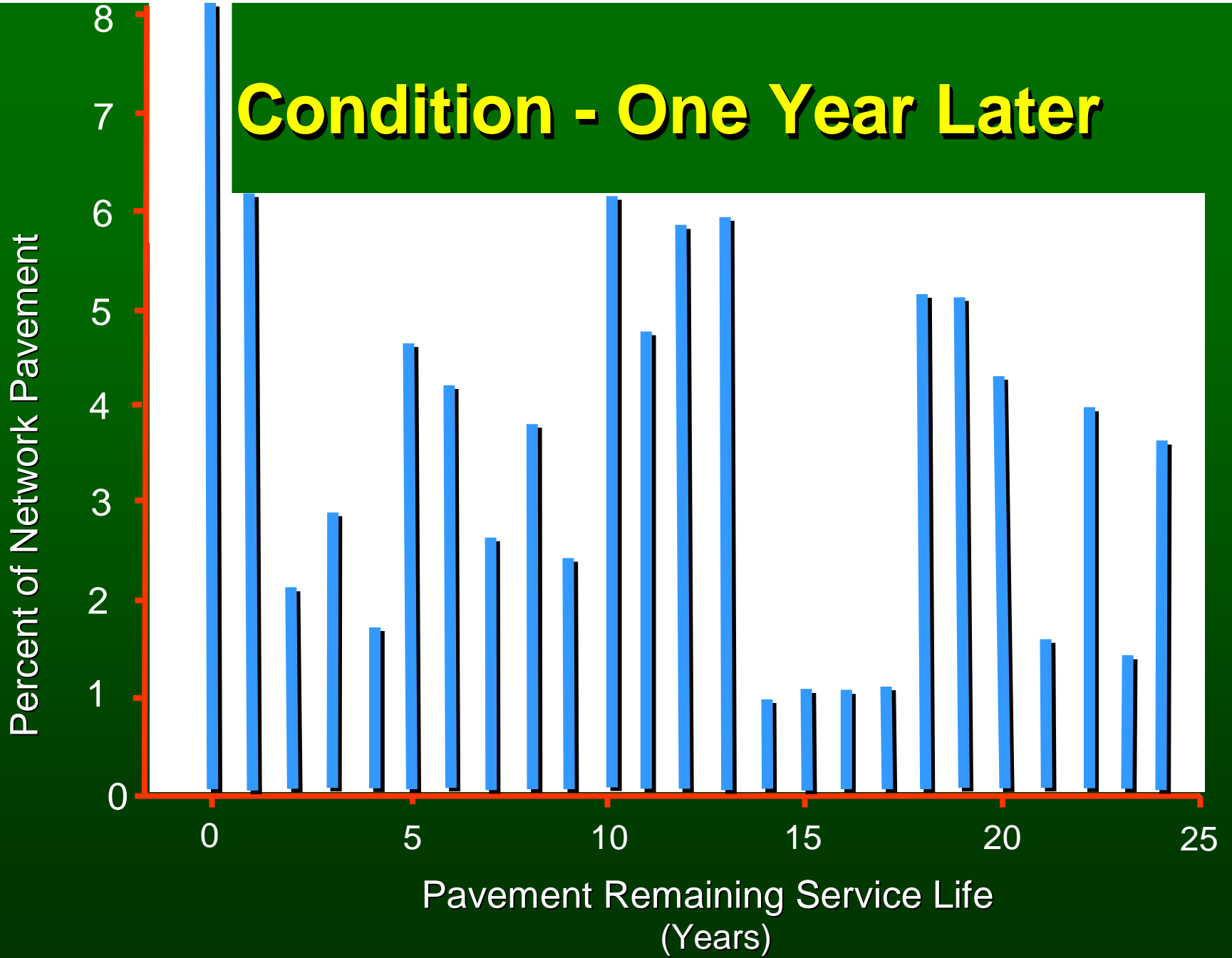


*Larry Galehouse, Director  
National Center for Pavement Preservation*

# Current Condition



# Condition - One Year Later

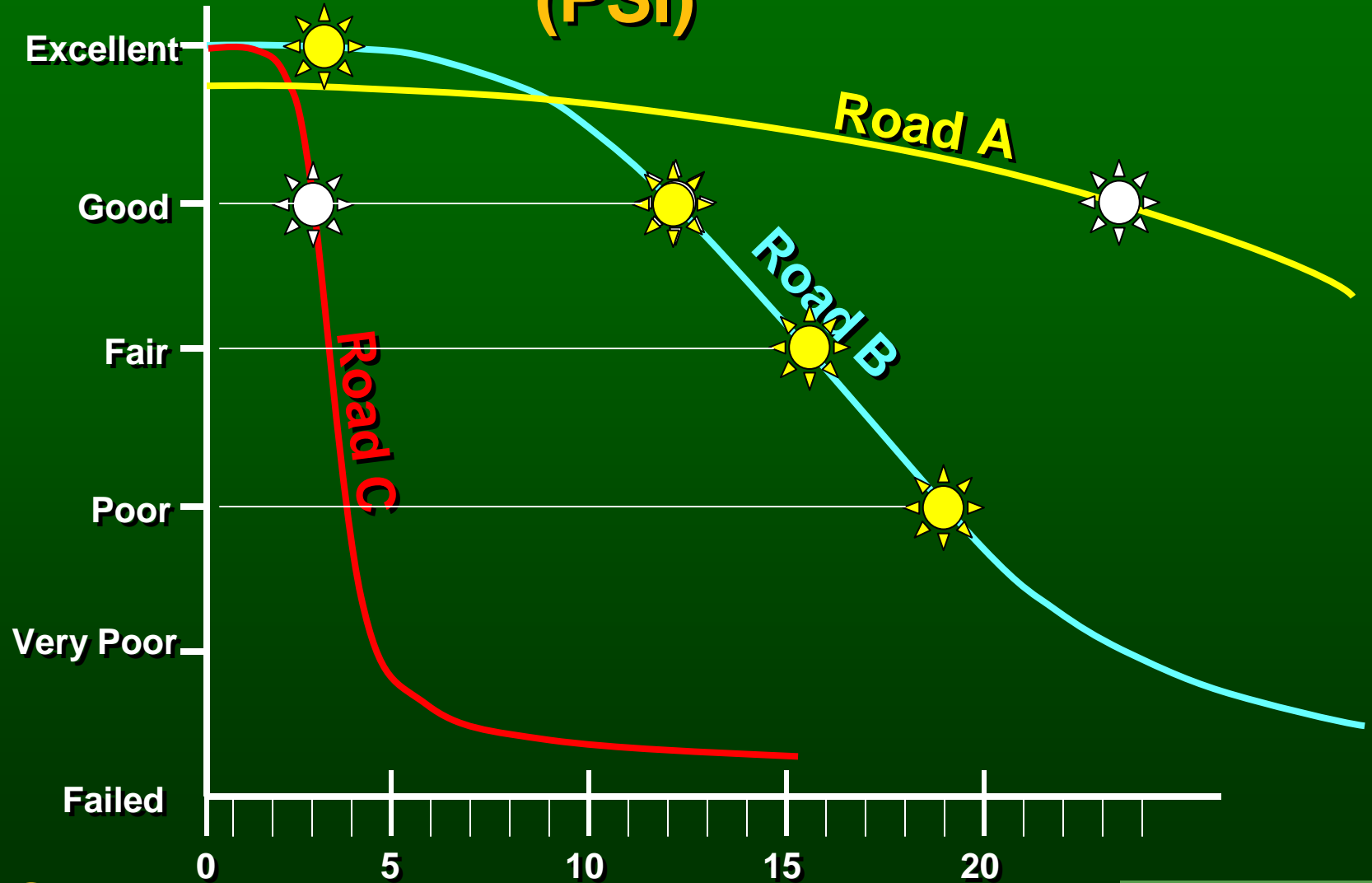


# Present Serviceability Index (PSI)

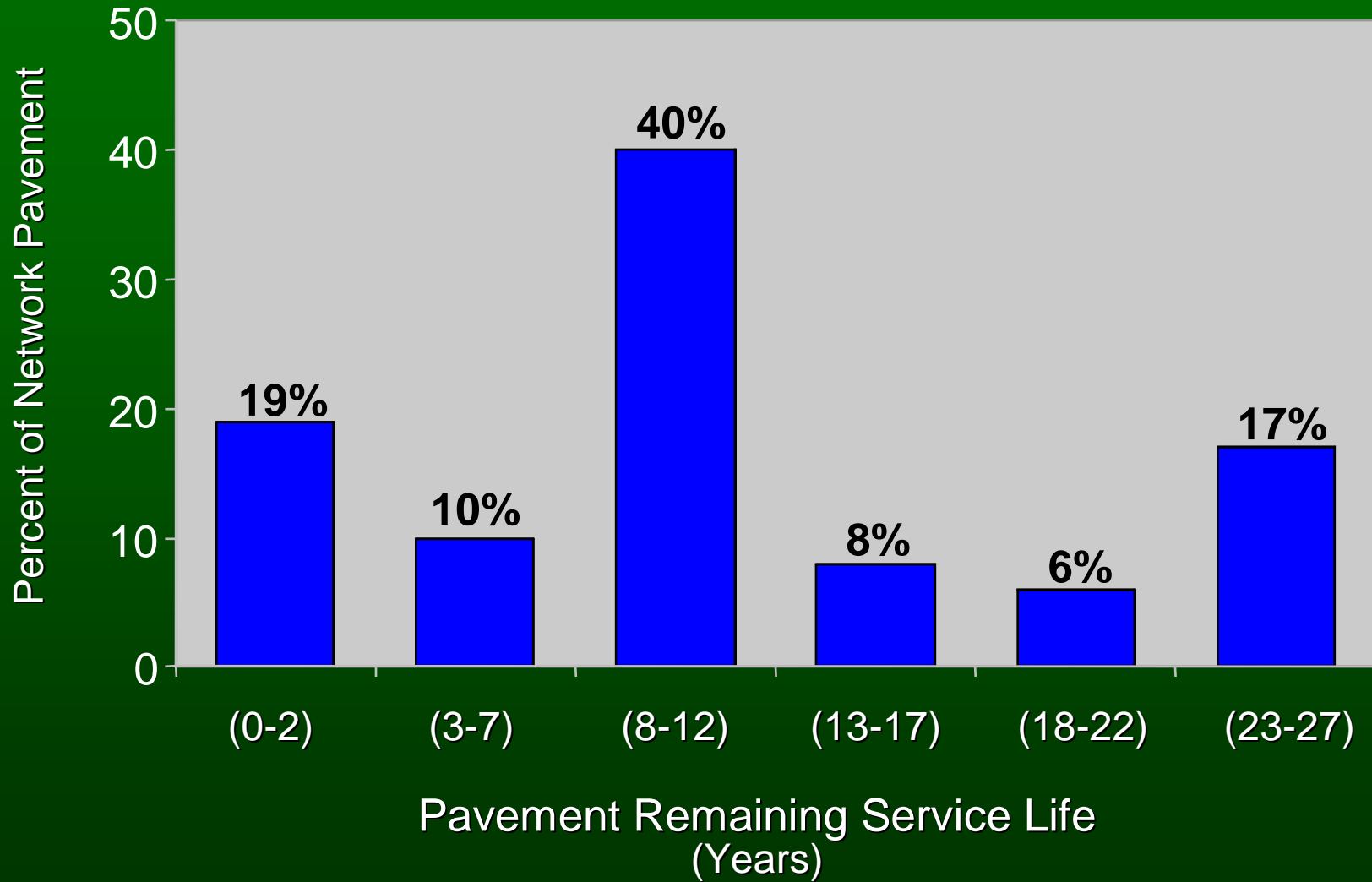
Index

5

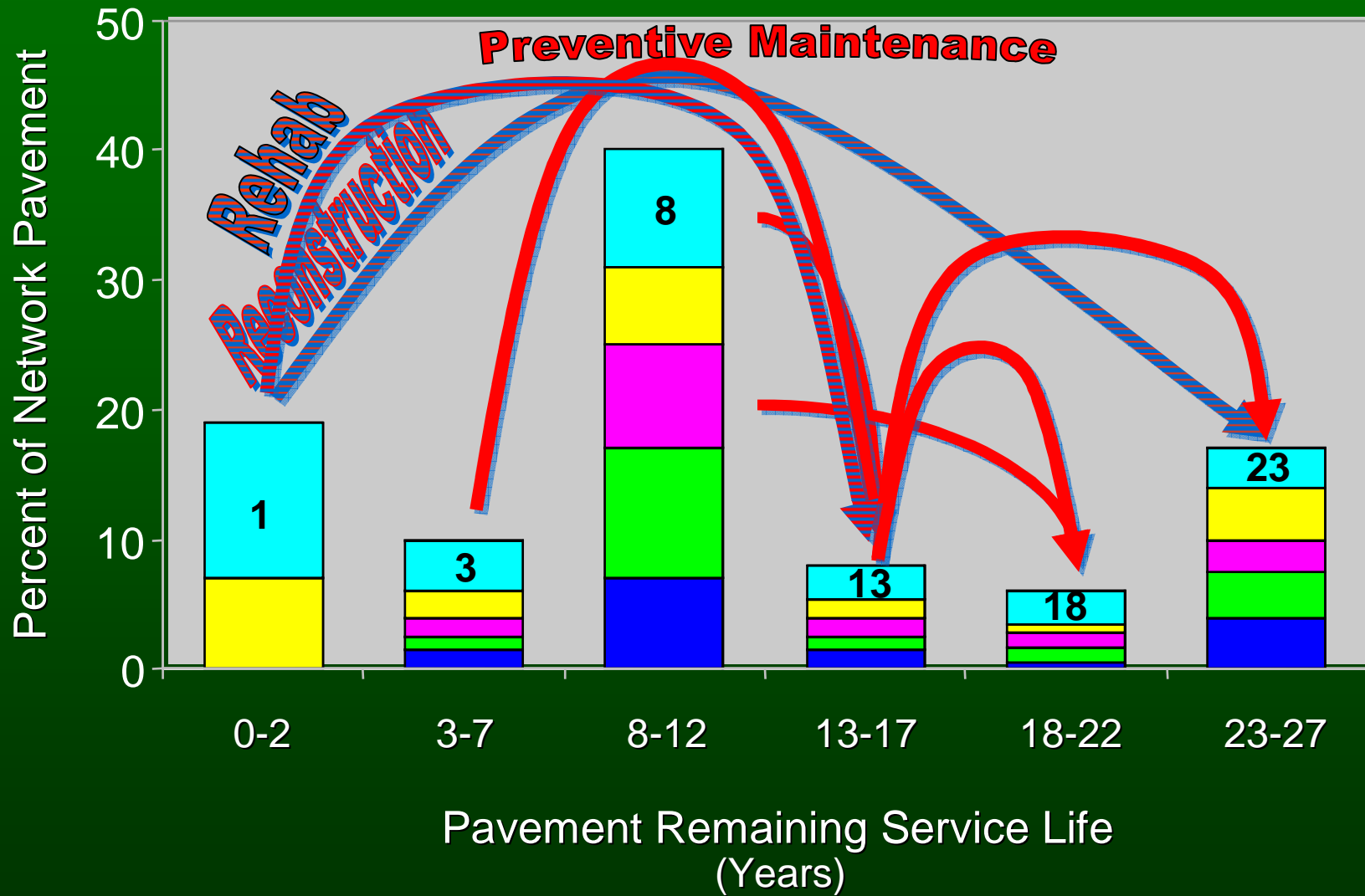
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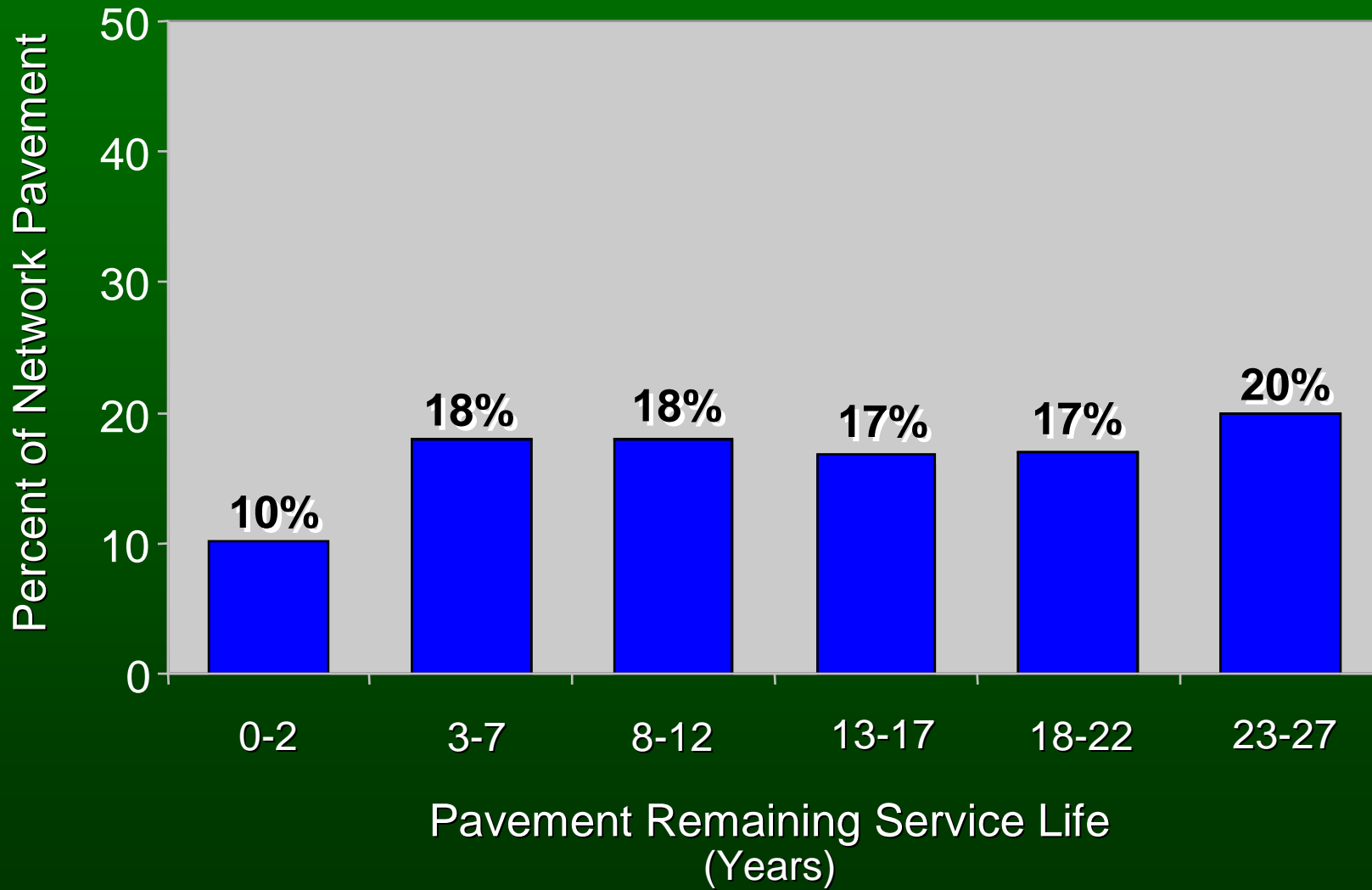
# Current Condition



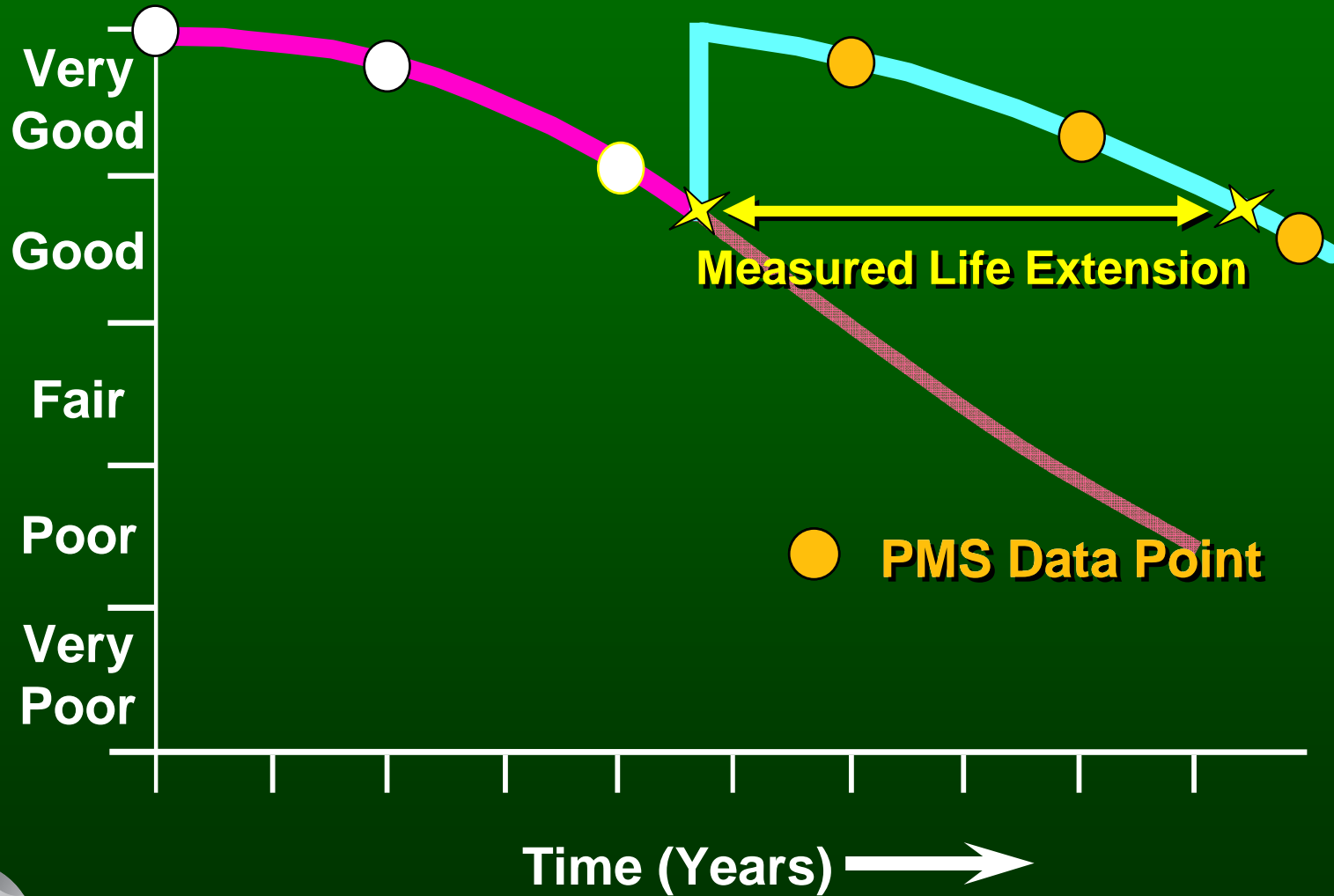
# Yearly Distribution



# Optimal Condition



# Life Extension



**Mudville Transportation Department  
Highway Network = 62,193 lane miles**

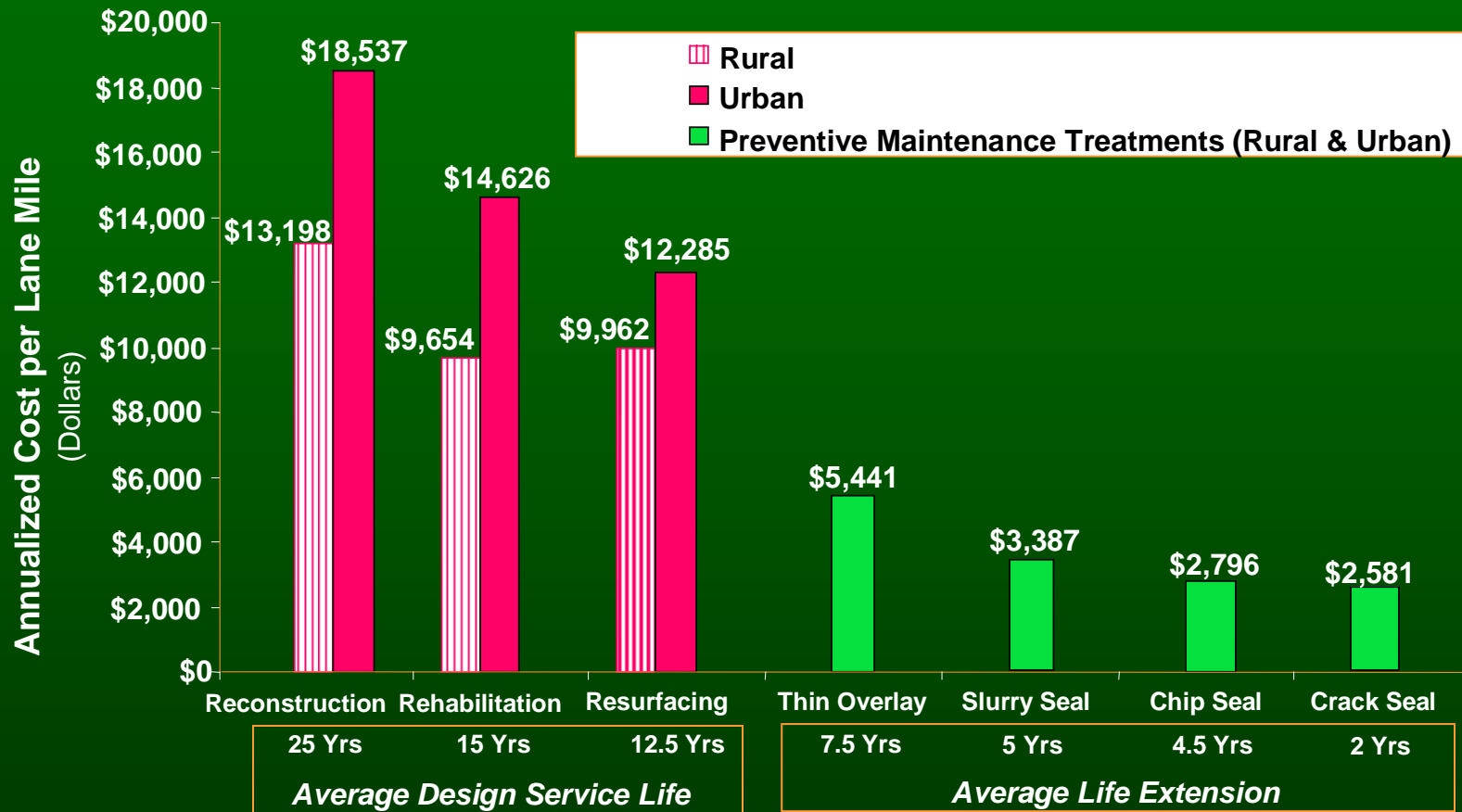
***Each year the network will lose***

**62,193 lane mile years**

# Network Needs Summary

***Required: 62,193 lane mile years***

<b>Programmed Activity</b>	<b><u>Lane Mile Years</u></b>
<b>Reconstruction</b> <i>( 27 lane miles X 25 yrs )</i>	<b>675</b>
<b>Rehabilitation</b> <i>( 427 lane miles X 12 yrs )</i>	<b>5,124</b>
<b>Resurfacing</b> <i>( 3,612 lane miles X 12 yrs )</i>	<b>43,344</b>
<b>Pavement Preservation</b> <i>Chip Sealing ( 74 lane miles X 7 yrs )</i> <i>Crack Filling (20 lane miles X 3 yrs)</i>	<b>518</b> <b>60</b>
<b>Total =</b>	<b>49,721</b>



Note:

Reconstruction, Rehabilitation & Resurfacing costs from Highway Statistics -2001, FHWA  
 Preventive Maintenance treatment costs from 2001 data, Michigan DOT

# Questions

*For more information contact:*  
National Center for Pavement Preservation  
[www.pavementpreservation.org](http://www.pavementpreservation.org)  
(517) 432-8220