



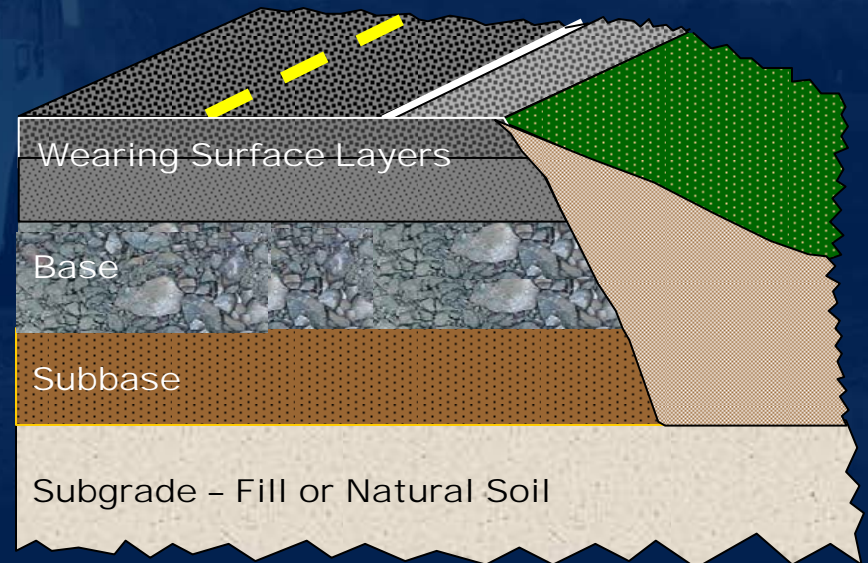
Pavement Rehabilitation Selection Background Information





Workshop Definitions

- Pavement or Pavement Structure
 - Wearing surface layers
 - Base
 - Subbase
 - Subgrade





Workshop Definitions

- Maintenance & Preservation
 - Well timed activities to extend pavement life
 - Some examples include:
 - Crack Treatments
 - Surface Treatments
 - Pothole Patching and Repair
 - This topic is covered in other LTAP classes:
 - Asphalt Pavement Maintenance and Preservation
 - Concrete Pavement Rehabilitation for Local City Street and County Roads





Workshop Definitions

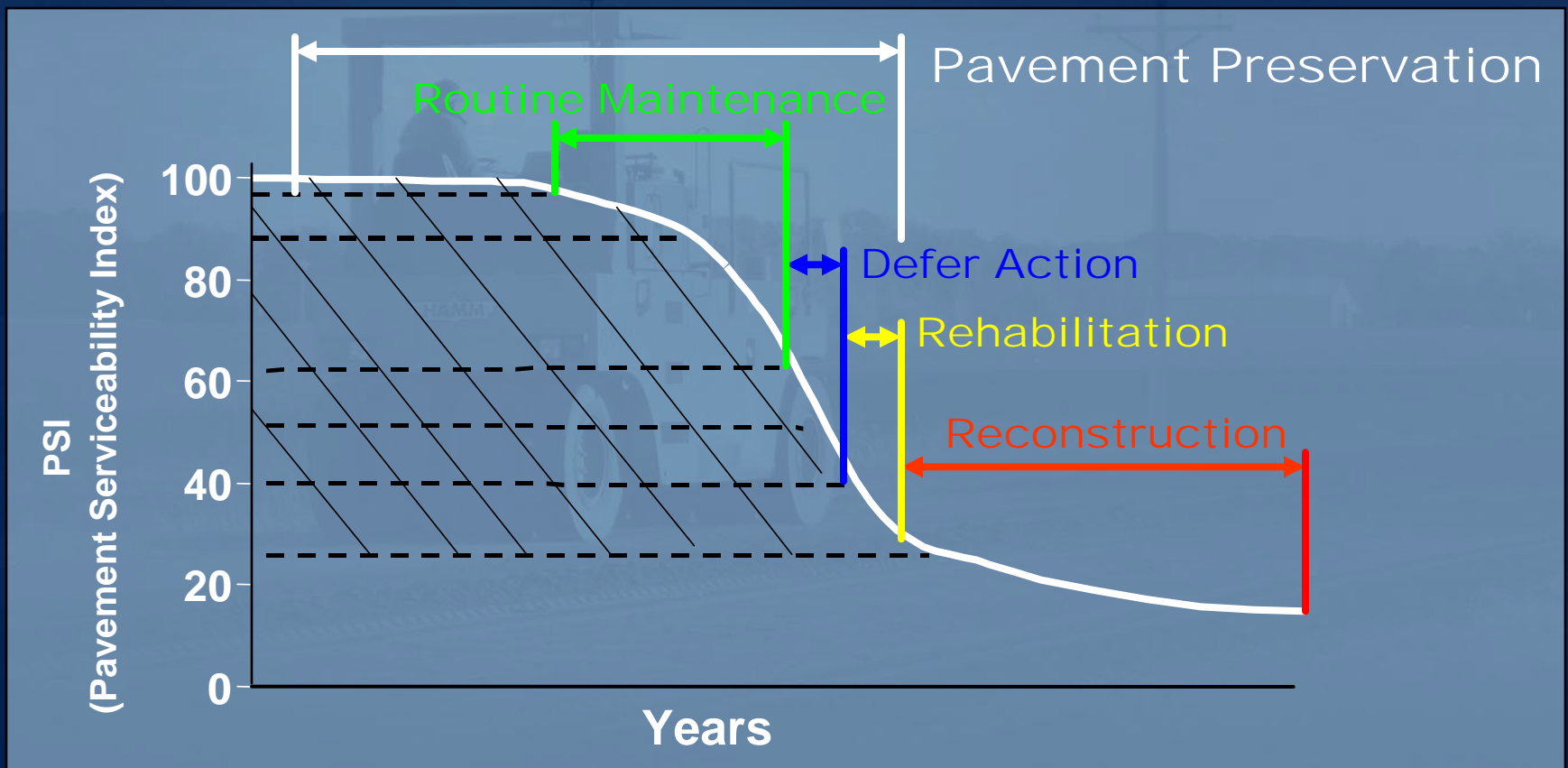
- Rehabilitation & Reconstruction
 - The restoration of pavement serviceability
 - Some examples include:
 - Cold In-place Recycling
 - Full Depth Reclamation
 - Bituminous Overlay
 - Concrete Overlay
 - Total Reconstruction





Workshop Definitions

Pavement Life Cycle





Workshop Assumptions

- The minimum acceptable level of serviceability has been reached and/or it is no longer cost-effective to perform maintenance activities on the pavement.
- You need to select a rehabilitation strategy for the pavement.

What do you do?





Workshop Objective

To provide a general overview to help you select the most appropriate and cost-effective rehabilitation technique for your pavement.





Workshop Resources

Local Road Research Board

LRRB – www.lrrb.org

Minnesota Department of Transportation

Mn/DOT – www.mrr.dot.state.mn.us/research/mnresearch.asp

Federal Highway Administration

FHWA – www.fhwa.dot.gov/pavement

Pavement Interactive Website - www.pavementinteractive.org

Minnesota Local Technical Assistance Program

MN LTAP – www.mnltap.umn.edu





Workshop Resources

American Concrete Pavement Association
ACPA - www.pavement.com

Asphalt Recycling and Reclaiming Association
ARRA – www.arra.org

Concrete Paving Association of Minnesota
CPAM – www.concreteisbetter.com

International Grooving and Grinding Association
IGGA – www.igga.net





Workshop Resources

Minnesota Asphalt Pavement Association
MAPA – www.asphaltisbest.com

National Asphalt Pavement Association
NAPA – www.hotmix.org

National Center for Pavement Preservation
NCPP - www.pavementpreservation.org

National Concrete Pavement Technology Center
CP Tech Center – www.cptechcenter.org

Transportation Engineering and Road Research Alliance
TERRA – www.terraroadalliance.org

