

MATC

TECHNICAL DOCUMENTS

BASE WEBPAGE:

[Technical Documents - Mobile Asphalt Technology Center - Asphalt - Pavement & Materials - Pavements - Federal Highway Administration \(dot.gov\)](#)

ENHANCED IN-PLACE DENSITY SERIES

Why is density so important?:

[Enhanced In-Place Density: Why Is It So Important? \(dot.gov\)](#)

Potential solutions for improved density:

<https://www.fhwa.dot.gov/pavement/asphalt/pubs/hif22066.pdf>

SPOTLIGHT ON PAVEMENT UNIFORMITY SERIES

[Technical Documents - Mobile Asphalt Technology Center - Asphalt - Pavement & Materials - Pavements - Federal Highway Administration \(dot.gov\)](#)

Use of Paver-Mounted Thermal Profiler (PMTP) for Asphalt Uniformity:

[Spotlight on Pavement Uniformity: Using the Paver-Mounted Thermal Profiler \(PMTP\) for Asphalt Uniformity \(dot.gov\)](#)

Spotlight State DOTs for Pavement Uniformity:

[Maine, Minnesota, Texas](#)

SPOTLIGHT ON PAVEMENT DENSITY SERIES

Equipment currently being demonstrated:

[Capabilities - Mobile Asphalt Technology Center - Asphalt - Pavement & Materials - Pavements - Federal Highway Administration \(dot.gov\)](#)

Use of Dielectric Profiling System (DPS):

[Spotlight on Pavement Density: Use of Dielectric Profiling Systems for Asphalt Density \(dot.gov\)](#)

Spotlight State DOTs for Pavement Density:

[Minnesota, New York, North Dakota, Ohio](#)

SPOTLIGHT ON PAVEMENT SAFETY SERIES

[Technical Documents - Mobile Asphalt Technology Center - Asphalt - Pavement & Materials - Pavements - Federal Highway Administration \(dot.gov\)](#)

Use of Laser Texture Scanner for Asphalt Macrotexture:

[Spotlight on Pavement Safety: Implementing Macrotexture in Asphalt Mixture Design \(dot.gov\)](#)

Spotlight State DOTs for Pavement Safety:

[North Carolina](#)



U.S. Department of Transportation
Federal Highway Administration



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