

Advanced Methods to Identify Asphalt Pavement Delamination--R06D **Study and GPR Proof of Concept**

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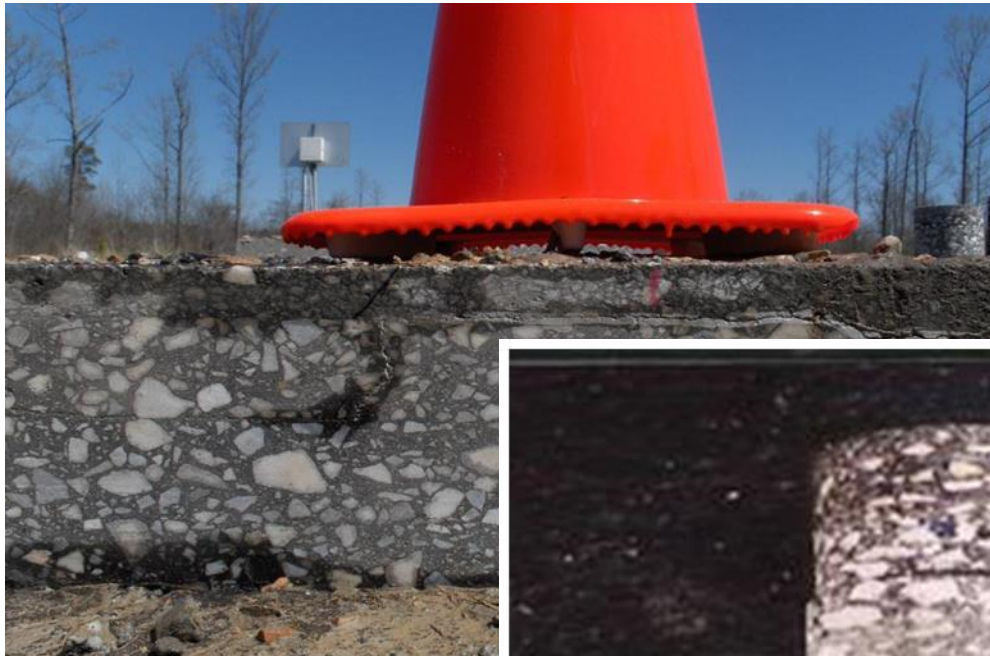


U.S. Department of Transportation
Federal Highway Administration

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AASHTO

Asphalt Delamination



SHRP2 R06(D) Project Goal

Identify and develop NDT technology that can:

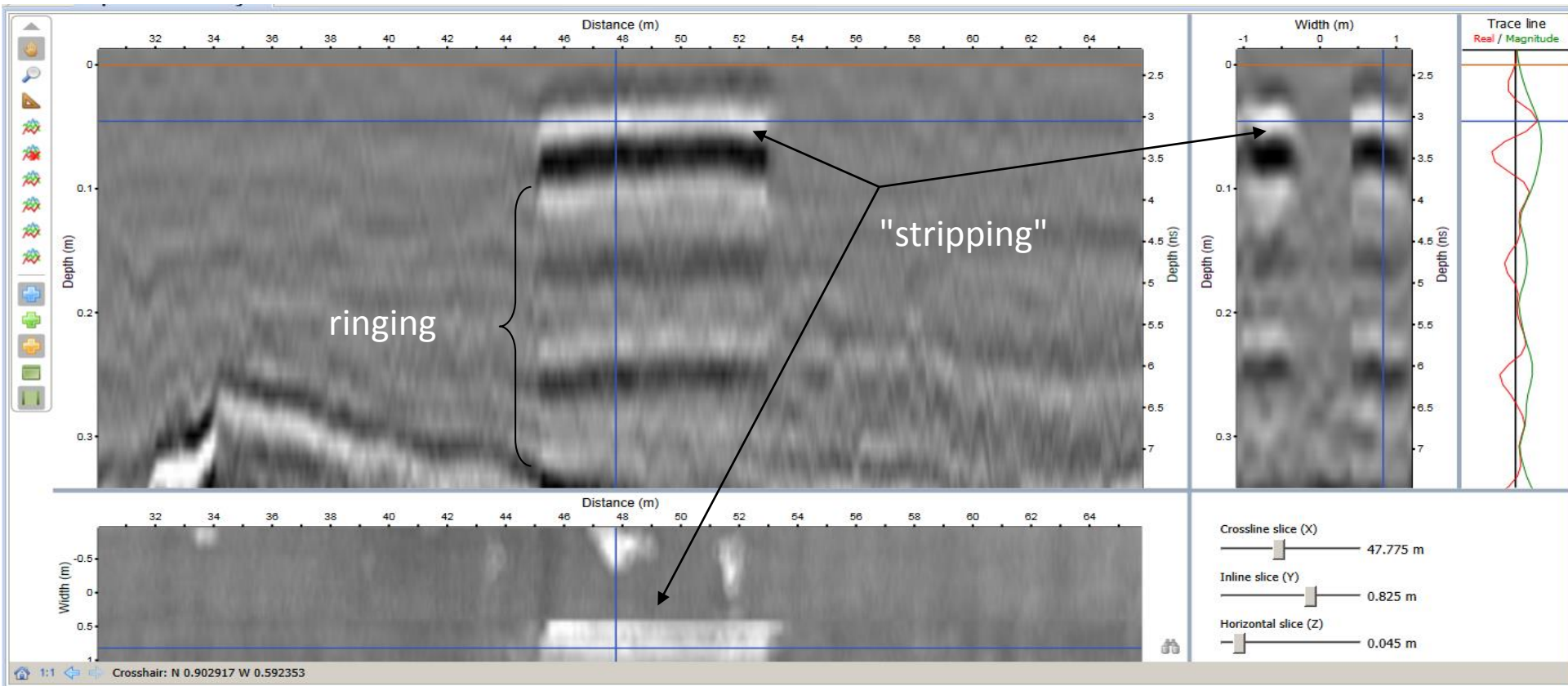
- Detect delamination in HMA
- Operate at reasonable traveling speed
- Cover full lane width

R06D Research Overview

1. Identify candidate NDT technologies
2. Evaluate potential to meet the goals
3. Select NDT technologies with high potential to achieve goals
4. Promote development of hardware and software
5. Validate equipment improvements
6. Examine performance in field conditions
7. Demonstrate NDT to interested agencies



GPR Data Display (NCAT test track section)



GPR by 3D Radar

