

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

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Asphalt Delamination



SHRP2 R06(D) Project Goal

Identify and develop NDT technology that can:

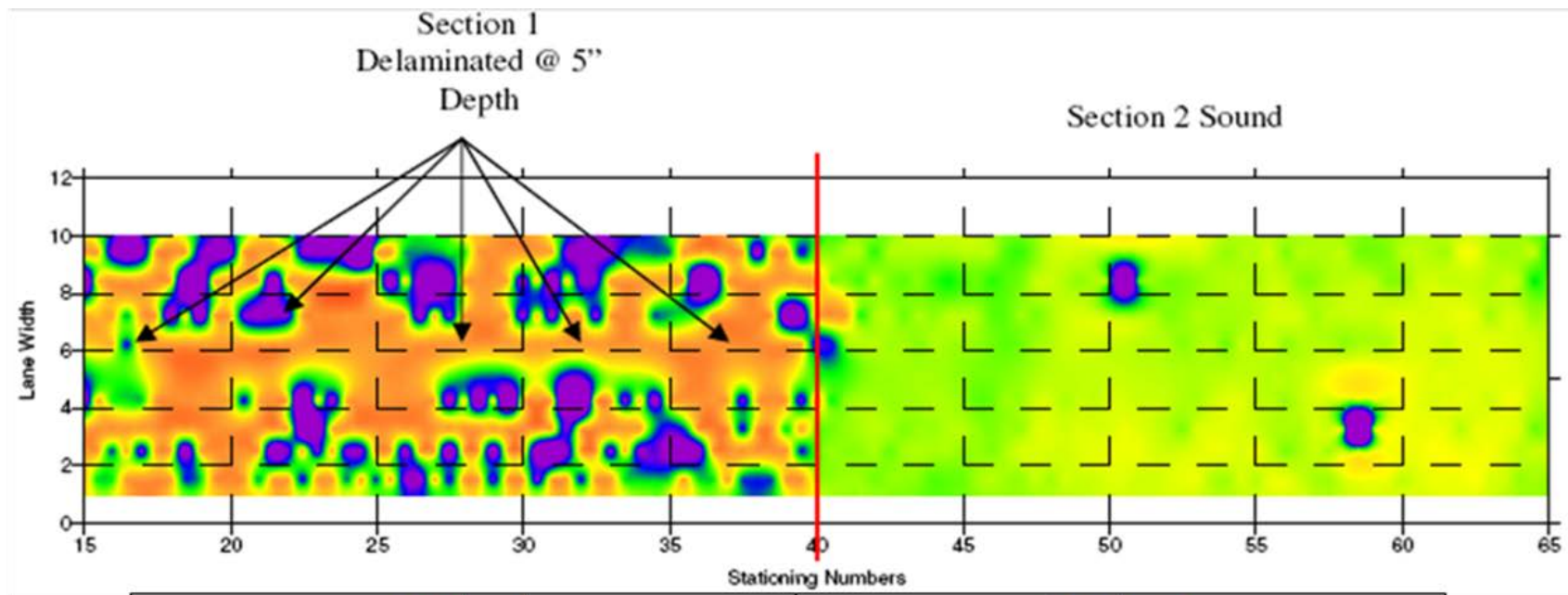
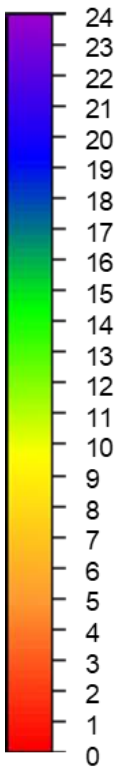
- Detect delamination in HMA
- Operate at reasonable traveling speed
- Cover full lane width

SHRP2 Project 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



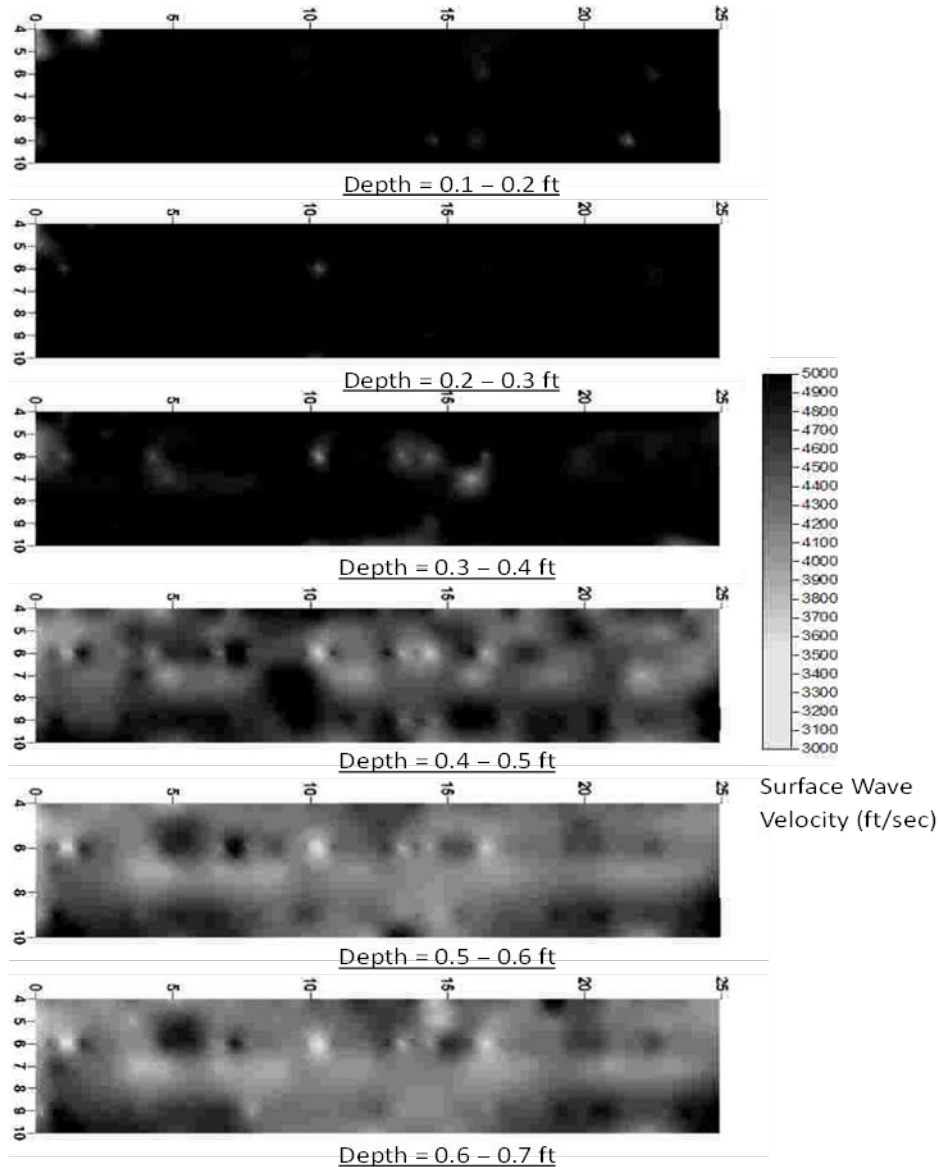
IE Data Display (NCAT test track section)



Section 1	Section 2
No bond	Full bond
5-inch depth	control

Thickness Color Scale (in)

SASW Data Display (NCAT test track section)



SASW-IE Rolling Meter by Olson Engineering

