

Peace of Mind: Determining Structural Integrity Non-Invasively

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Three Questions

- **1. What is Non-Destructive Testing?**
- 2. What is Ground Penetrating Radar (GPR) and how is it used in State DOTs?
- 3. How is OMAT using GPR?



Non-Destructive Testing

A process whereby materials, components, or structures are tested for differences in characteristics without destroying its serviceability.









Ground Penetrating Radar (GPR)

- Structural Assessment
- Void or Sinkhole
 Detection
- Pavement Analysis
- Geotechnical & Environmental Assessment
- Utility Location
- Archaeological Survey



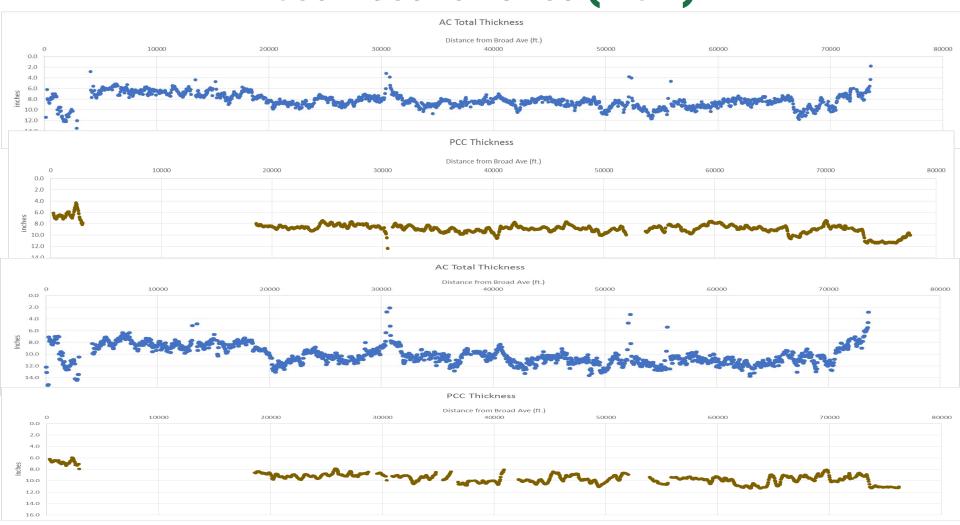






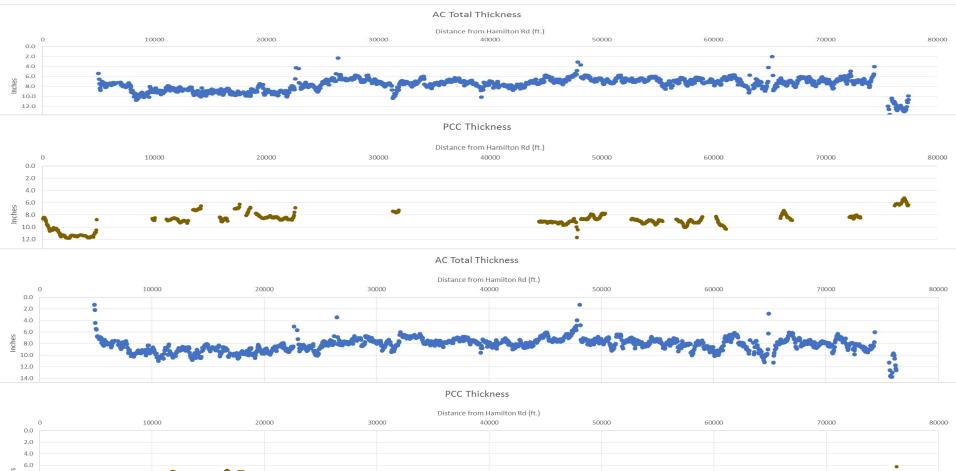


GPR - I-85 Troup Resurfacing Quantities & Estimate Southbound Lanes (R & L)





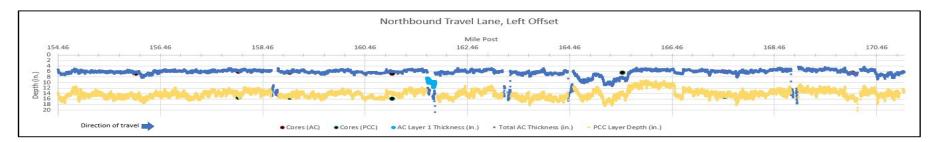
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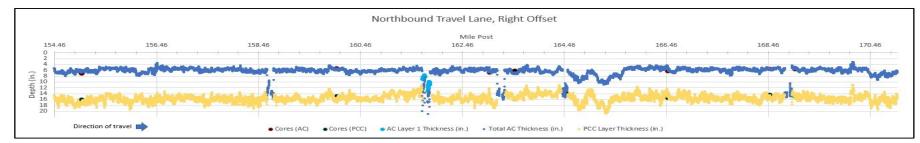


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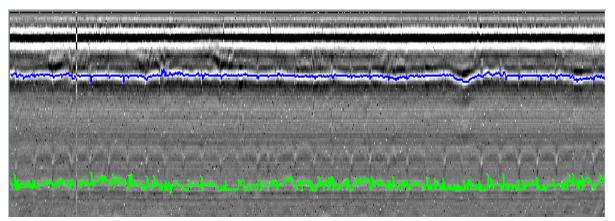


GPR - I-85 Banks-Franklin Pavement Evaluation











GPR - 1-285 Clayton Void Detection









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Thank you!