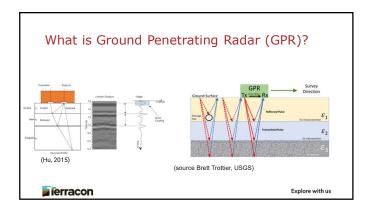


Outline

- What is Ground Penetrating Radar (GPR)?
- How can GPR be used to improve the quality of your projects?
- Project examples.

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When Should You Consider GPR?

- Safety
- Large/busy roads where coring is difficult
- High Risk Sites

 - High traffic count/speed areas
 Difficult construction conditions where pavement/base thickness, density, reinforcing is critical
- Large or Inaccessible Sites
 Help reduce cores on large sites or linear corridors, with BETTER coverage
 Driven without constant stops and minimal traffic control

- QA/QC
 Working with new contractor

 - Verify Specs
 Better coverage



Verification Cores

- \bullet Direct exploration is an essential part of site characterization.
- · Direct exploration is an essential part of Geophysics.
- Use of geophysics to be SMARTER about our direct exploration.

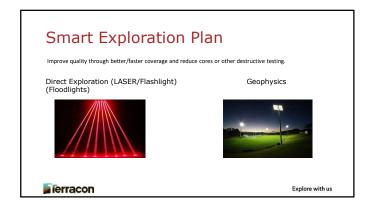




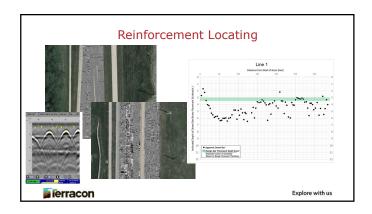
"Goal of a good geophysical survey should be to provide enough subsurface data to reduce the need to drill boreholes or excavate test pits, and in doing so minimize environmental impacts."

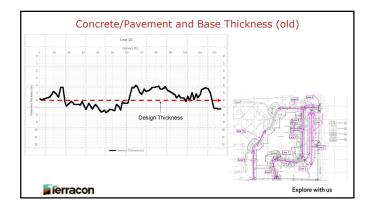
McClymont et al., 2016, CSEG Recorder

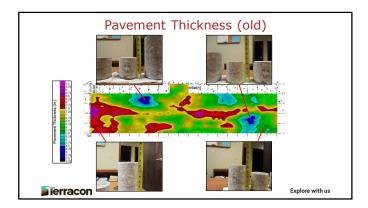
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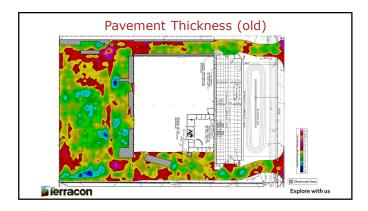






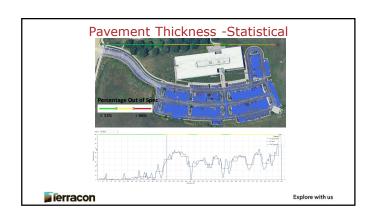


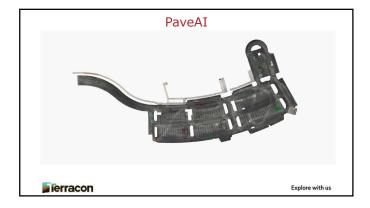


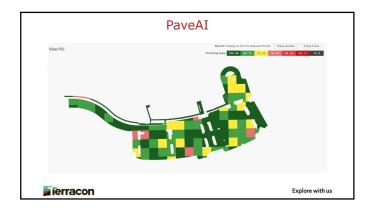


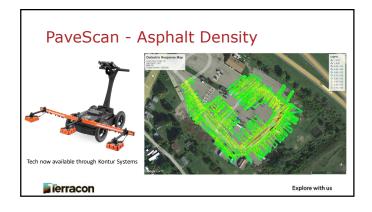


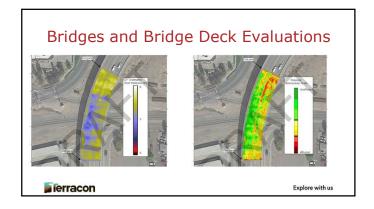




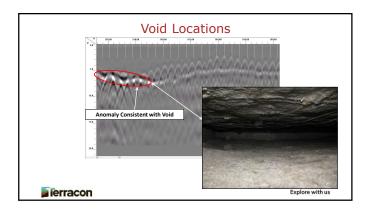






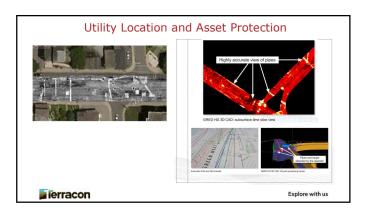






Subsurface Utility Engineering (SUE) ASCE 38-22 "Subsurface Utility Engineering" Explore with us

Utility Location and Asset Protection ASCE 38-22 "Subsurface Utility Engineering" Explore with us



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