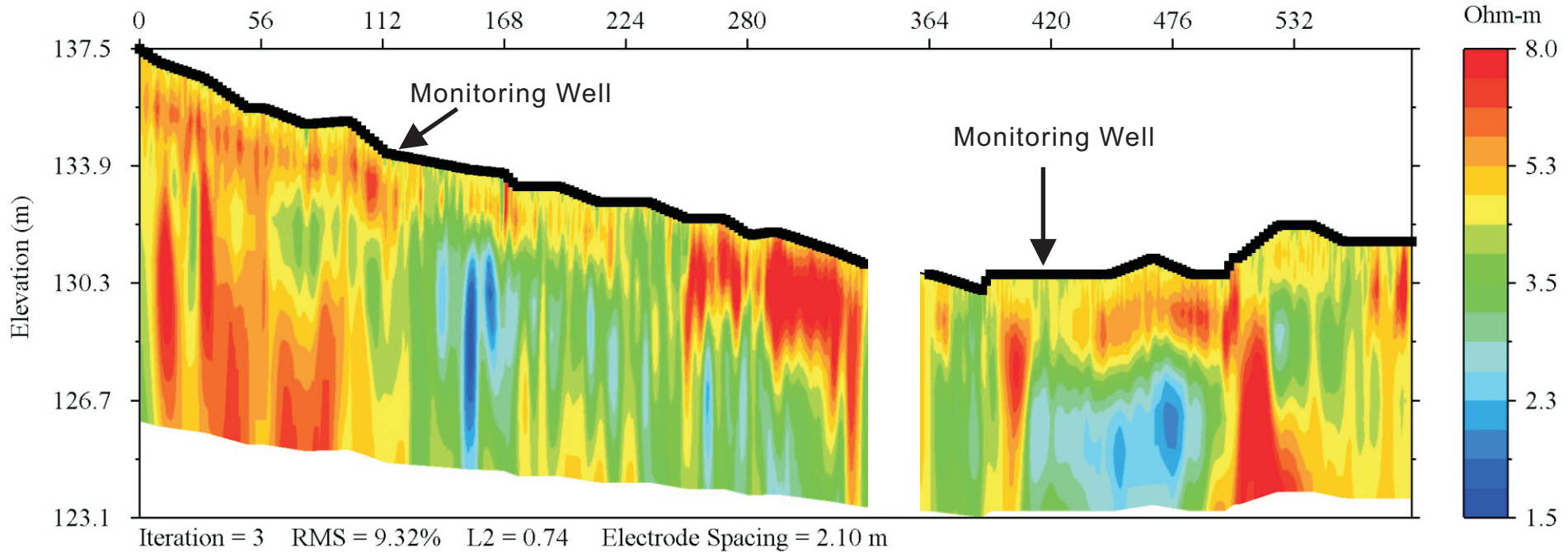


Geotechnical Investigation along TX State Highway 36



Resistivity Imaging was performed along TX State Highway 36 west of Cameron, TX. The goal was to map the moisture-bearing clay lithologies that make up the subsurface in this area. These “black clays” result in differential settling that causes damage to the roadway. Further, these data can help in the location and placement of monitoring wells to aid site evaluation.

- Objective:** Roadway Geotechnical Survey for clay moisture content mapping
- Survey date:** July, 2007
- Survey site:** Cameron, TX, USA
- Instrument:** SuperSting R8/IP with 112 electrodes at 2m spacing
- Electrode array:** Dipole-dipole
- Processing:** Inversion of data using EarthImager 2D inversion software
- Units:** Meter and Ohmmeter

Data courtesy of the Texas Dept. of Transportation, TX USA



TEXAS DEPARTMENT OF TRANSPORTATION



SuperSting 8-channel Resistivity Instrument by



Info Brazil:
 Tel.: 21 2556-1295
 Email: info@alphageofisica.com.br
 Web: <http://www.alphageofisica.com.br>