



PAVEMENT LIFE DESIGN & INSPECTION SERVICES

Choose the path that fits your needs.



Evaluation & Conceptual Planning

- Preliminary foundation & materials assessments
- Feasibility studies and geotechnical evaluations
- Risk reduction and cost-benefit analysis
- Data-driven planning and decision support tools



Performance-Based Pavement Design

- Holistic and optimized pavement structures design (foundations to surface)
- Pavement maintenance & rehabilitation design and planning
- Advanced testing & characterization of geomaterials
- Performance-based and resilience-based designs



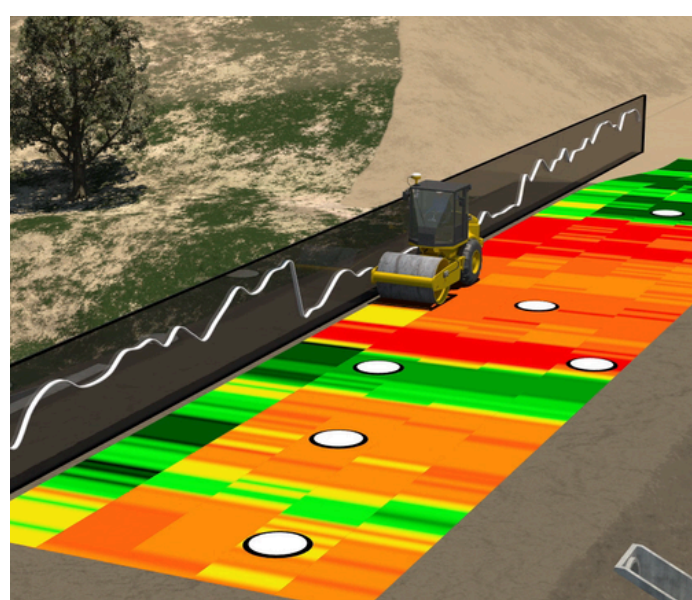
Specification Development

- Development of QA/QC specifications for pavement foundations
- Incorporation of e-Construction and e-Compaction standards
- Life cycle cost analysis and planning
- Quantitative risk reduction and management



Construction Support & Field Verification

- Real-time digital verification of subgrade & compaction using COMP-Score® direct modulus measurement
- Pavement foundations QA/QC program deployment
- Field support for contractors, owners, and DOTs
- Digital delivery of construction data for Digital Twins



Value-Added Services to Extend Life

- Resilience-Based Pavement Design and Management
- Risk-Based Geotechnical Asset Management
- Accelerated Material Testing & Performance Modeling
- Contactless/non-destructive Pavement Testing
- Digital QA/QC Platforms & Data Management Systems
- Training, Workshops, and Industry Education



From field and lab design testing to real-time digital verification, we ensure pavement foundations meet design intent and last longer. Our e-Compaction mapping, QC/QA-ready specifications, and expert training provide agencies and contractors with the tools to reduce costs, improve quality, and adopt data-driven workflows for better, safer, and longer-lasting pavements.

Schedule a Demo at ingios.com or call 877-325-6278

