

Pavement Engineering Services



ARA Provides World-Renowned Pavement Engineering Expertise

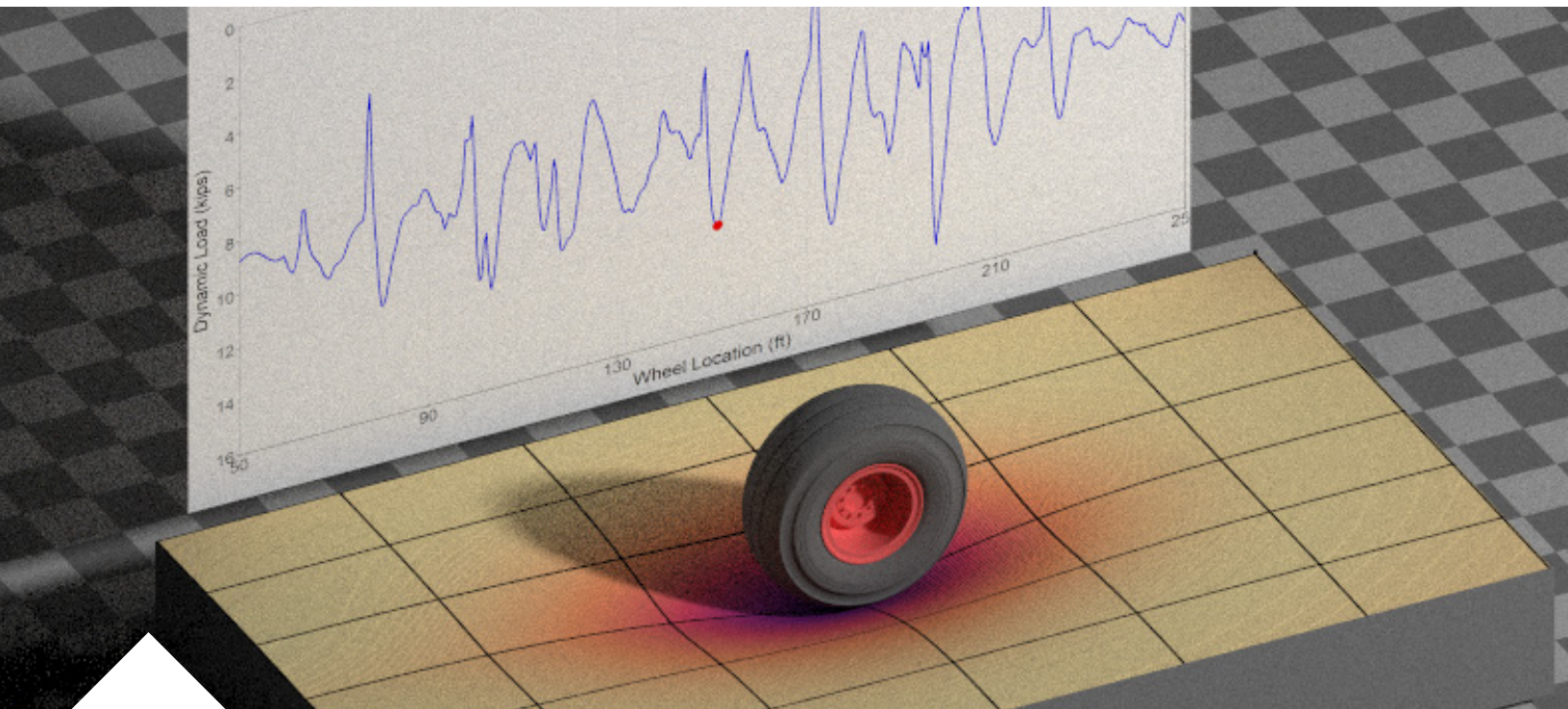
ARA provides comprehensive research and consulting services for a variety of pavement structures including roadways, airfields, and intermodal facilities.

With over 40 years of experience in leveraging cutting-edge pavement engineering expertise along with a fleet of state-of-the-art testing technology, ARA tackles and solves the toughest problems in design, construction, evaluation, and quality assurance of pavement structures.

Our mission is to help transportation agencies design, build, and maintain safe, sustainable, resilient, and long-lasting pavements by providing research, technology, and services that further the state-of-the-practice and improve the condition and reliability of their network.



FOR MORE INFORMATION ON ARA'S PAVEMENT ENGINEERING SERVICES, PLEASE VISIT WWW.ARA.COM



Our research experience in the field of pavement engineering uniquely qualify us to assist the transportation industry in developing long-lasting, sustainable, and cost-effective designs for both in-service and newly constructed pavements.

- **PAVEMENT DESIGN:** As the developer of the Mechanistic-Empirical Pavement Design Guide (MEPDG) and the AASHTOWare Pavement ME Design software, we help transportation agencies with all their pavement design and evaluation needs with the most up to date technology and tools..
- **RESEARCH AND DEVELOPMENT:** ARA's research and technology development efforts continue to deliver innovative solutions on pavement and material related topics. We help our clients increase safety and efficiency, protect the environment, reduce project delays, and extend the life of pavements. We also work with our clients to deploy new technologies and innovations to their stakeholders.
- **PAVEMENT TESTING AND EVALUATION:** ARA provides comprehensive pavement testing and evaluation services for both airfield and highway pavements. We apply state-of-the-art technologies to assess existing pavement conditions, collect and analyze information collected using experienced technicians and engineers, identify the remaining pavement service life, and develop cost-effective pavement rehabilitation strategies.
- **PAVEMENT MANAGEMENT:** ARA has implemented and enhanced pavement management systems for hundreds of clients, including airports, cities, counties, states, and tollway/turnpike agencies, using a broad range of software tools to match our clients' needs. ARA has also developed our own in-house customizable software tools for pavement management.
- **QUALITY ASSURANCE:** ARA provides comprehensive construction quality assurance services. From reviewing plans to developing and reviewing specifications, quality assurance plans, and quality control processes to providing on-site construction inspection services, ARA has the expertise for all your quality assurance related issues.