Owners, managers and operators of fleet, facilities and infrastructure are increasingly faced with the challenge of doing more with less—expanding and sustaining safe and reliable services with aging assets and decreased funding.

WSP USA is an industry leader in the development and growth of advanced asset management practices. We help clients solve real-world challenges and improve the services they deliver through more efficient and economic use of the fleet, facilities and infrastructure they manage—doing the right work at the right time, and for the right cost.

Our team is made up of senior advisors with outstanding technical capabilities in all asset classes and decades of experience delivering organizational change. We have a proven track record of establishing successful program management office functions, delivering effective communication and stakeholder engagement programs, and leading overall business transformation initiatives – resulting in significant savings and improved asset performance for clients.
We focus on the key enablers to successful management and service delivery:

- **PEOPLE**
- **PROCESS**
- **TECHNOLOGY**
- **INFORMATION**
Working collaboratively with clients to improve performance, reduce life cycle costs and minimize risks.

Our deep understanding of asset class life cycle needs – combined with technology and business transformation leadership – enables our clients to improve performance, reduce life cycle costs and minimize risk.

Our full suite of services are designed to support your organization along its asset management improvement journey. From initial assessment and guidance through business transformation program management and project delivery, technology advisory and training, our services are designed to efficiently transition best practices into your organization.

We enable clients across infrastructure sectors – transportation, property and buildings, energy, and water and environment – to better manage their assets by making more informed decisions about when, where and how to invest, and by ensuring organizations have a framework to manage performance, risks and costs.
We see our role as your asset management partner, ensuring successful change in the right direction

SERVICES

- Capability assessment and improvement programs
- Business transformation design and delivery
- Organizational design and culture development
- ISO 55001:2014 assessment
- Capital programming and optimization
- Business process analysis and reengineering
- Data and information analytics
- Technology solution planning, architecture, strategy and integration
- Performance metrics and service level indicators
- Inventory, condition assessment and predictive modeling
- Failure analysis
- Operations and maintenance budgeting
- Reliability-centered maintenance planning
- Risk and vulnerability assessment and management
- Competence assessment
- Training program development and delivery
Advising agencies across the nation and developing benchmark data to guide strategic change and process improvement

WSP has developed an industry-leading Asset Management Capability Assessment Model that draws upon over 20 years of experience in managing critical infrastructure. Our model is mapped to global standards, industry best practices and national industry legislative requirements.

The model is used to provide an assessment of an organization's asset management maturity—which measures the degree of formality and optimization of processes and practices from ad hoc, to formally defined steps, to managed results, to active optimization. The output is used to evaluate and benchmark an organization, and support the development of an asset management improvement program. The structure and approach ensure consistent and repeatable assessment and provide access to a significant global benchmark pool.

Delivering savings with asset management technology applications. Our technology advisory services team advises and acts as a client representative in technology-driven business improvement. Our work focuses on ensuring systems are procured to meet business requirements, acting as the client's representative, therefore reducing software acquisition risk. We develop organization-wide technology strategies, and provide guidance on implementation and support information frameworks which include the development of asset hierarchies and the specification of asset information standards.

Training staff to build success from within. We have developed a Principles in Asset Management Training Program which introduces asset management concepts and assists individuals and organizations to implement best practices. The course covers strategic asset management subjects as well as more tactical and operational subjects, including the importance of strategic planning, asset management planning, benefit cost analysis, risk management, resiliency, maintenance planning, asset information systems and asset data management. At the end of the course practitioners have the skills to introduce changes that will have an immediate impact on the performance of their assets.

Supporting capital investment, maintenance and resource planning. We recognize that assets only exist to deliver services, and this important link ensures the decisions that are made do not adversely impact business performance. We focus on defining the necessary asset strategies to manage risks and deliver the required performance efficiently. Central to our approach is engaging with key stakeholders to ensure strategies consider the current challenges with operations, management and delivery of the assets. The resulting asset management plan supports improved capital investment justification, reduces organizational risk, improves operating budget forecasting and enables maintenance schedulers to align resource needs with availability.

Promoting the asset management discipline. WSP is a patron of the Institute of Asset Management (IAM) and is actively supporting establishing the IAM in the United States. Our ongoing support for and engagement with the IAM are emblematic of our commitment to the discipline of physical asset management.
Our experts include authors of and key contributors to international guidelines and best practice development, including:

- Federal Transit Administration's Transit Asset Management Guide
- National Cooperative Highway Research Program's guidance on ancillary assets
- Airport Cooperative Research Program's guide to airport asset management
- International Infrastructure Management Manual

Delivering client success
About WSP USA

WSP USA is the U.S. operating company of WSP, one of the world’s leading engineering and professional services firms. Dedicated to serving local communities, we are engineers, planners, technical experts, strategic advisors and construction management professionals. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment markets. With more than 7,000 people in 100 offices across the U.S., we partner with our clients to help communities prosper.