

Supporting tolls
clients as diverse
as our services



We connect people, data and technology to help clients plan, finance, design, build, operate, market and maintain America's toll roads.

We're AtkinsRéalis, a world-leading design, engineering and project management organization. Our global, multi-disciplinary team provides expertise in intelligent mobility, emerging technology, smart design and infrastructure, business intelligence and customer-centric services to provide a thorough and coordinated approach to solving problems and satisfying your evolving needs.

By combining traditional engineering, new technologies and creative thinking, we're bringing our clients' ideas to life while meeting increased demands on tolls infrastructure and systems. We can help you not only deliver more, but deliver better. We provide sustainable solutions that deliver the results you demand and the changes your communities require.

Together, we can make the extraordinary a reality and change the world.

Services

Agency planning

- Feasibility assessment
- Governance and bylaws
- Master plan development
- Organization planning
- PD&E studies
- Policy development
- Public outreach
- Strategic planning

Business intelligence/information technology

- Business continuity/disaster recovery
- Data analysis/analytics (dashboard & reporting)
- Data lake/big data management
- Data pipeline management
- Machine learning and artificial intelligence
- Mobile and web application development
- Performance monitoring
- Robotic process automation (RPA)

Engineering

- Assessment reports
 - Asset management
- Bond indenture services
 - Capital program support
- Cost estimates
- Highway and bridge design
- Project management

Financial support

- Analytics and cost estimates
 - CAPEX/OPEX analysis
- Financial policies and procedures development (operations)
- Financial system requirements and cost estimates
- Pro-forma modeling & model verification

Intelligent mobility

- Connected autonomous vehicles (CAV)
- Data analysis & insights
- Intelligent transportation systems (ITS)
- Journey management
- Mobility as a service (MaaS)
- Multimodal solutions

P3 transportation/infrastructure

- Bid/tender development support
- Concept development
- Due diligence assessments and requirements analysis
- Independent engineering services
- Lender financial advisory services
- Operations and capital expenditure analysis
- Review of comprehensive agreement technical requirements

Priced managed lanes and networks

- Concept of operations and systems engineering documentation
- EA documentation
- Enforcement concepts
- Feasibility studies for individual and networks of priced managed lanes
- Incident management planning
- Operations and maintenance advisory services
- Policy development (operational and agency governance/bylaws)
- Priced managed lanes design
- Traffic operations & management advisory services
- Traffic studies and report (planning, safety, operations, TIFIA, TIGER, etc.)

Program management

- Construction management
- General engineering consulting
- Operations risk assessment
- Performance management

Project development

- Alternative project delivery consulting
- Annual O&M cost estimating
- Budget development
- Concept studies
- Corridor planning
- Cost-benefit analysis
- Environmental studies & permitting
- Financial analysis/modeling

Toll systems operations & maintenance

- Back-office systems and operations oversight
- Business rules development
- CAPEX/OPEX cost analysis
- Collection and violation policy
- Concept of operations
- Customer service centers
- Interoperability advisory
- Procurement support
- Roadside systems & operations
- Testing verification oversight
- Toll maintenance advisory services
- Toll system performance audits
- Toll integrator oversight

Representative projects



Colorado Transportation Investment Office (CTIO) Tolling Advisory Services (CDOT)

We're providing project management, systems management and operations support, standard operating procedures development, toll planning support, maintenance plans development, training, field testing and go-live plans development, financial plan support and public information support.

North Carolina Department of Transportation (NCDOT) Tolls Technology and Operations

We're helping NCDOT create a toll concept plan and a toll operations plan along with providing market research, on-call technical services, review of technical documents, toll system auditing, customer service center storefront build outs, a toll system refresh, an open road tolling animation video, toll system requests for proposal, a design-build toll scope, procurement assistance, negotiations, AET feasibility analysis, toll data analytics and audit services.

Texas Department of Transportation (TxDOT) Statewide Toll Services

Since 2001, we have provided program/project management among a myriad of services plus the support of post-construction activities for operations, toll integration and collections as well as maintenance of roadway and tolling systems.

NYC Central Business District Tolling Program (CBDTP)

We're providing expertise and oversight related to business rules, operating requirements, invoicing, procurement, testing, financial system software requirements, CAPEX and OPEX models and MOU/contractual requirements.

Port Authority of New York and New Jersey All-Electronic Tolling Program Management

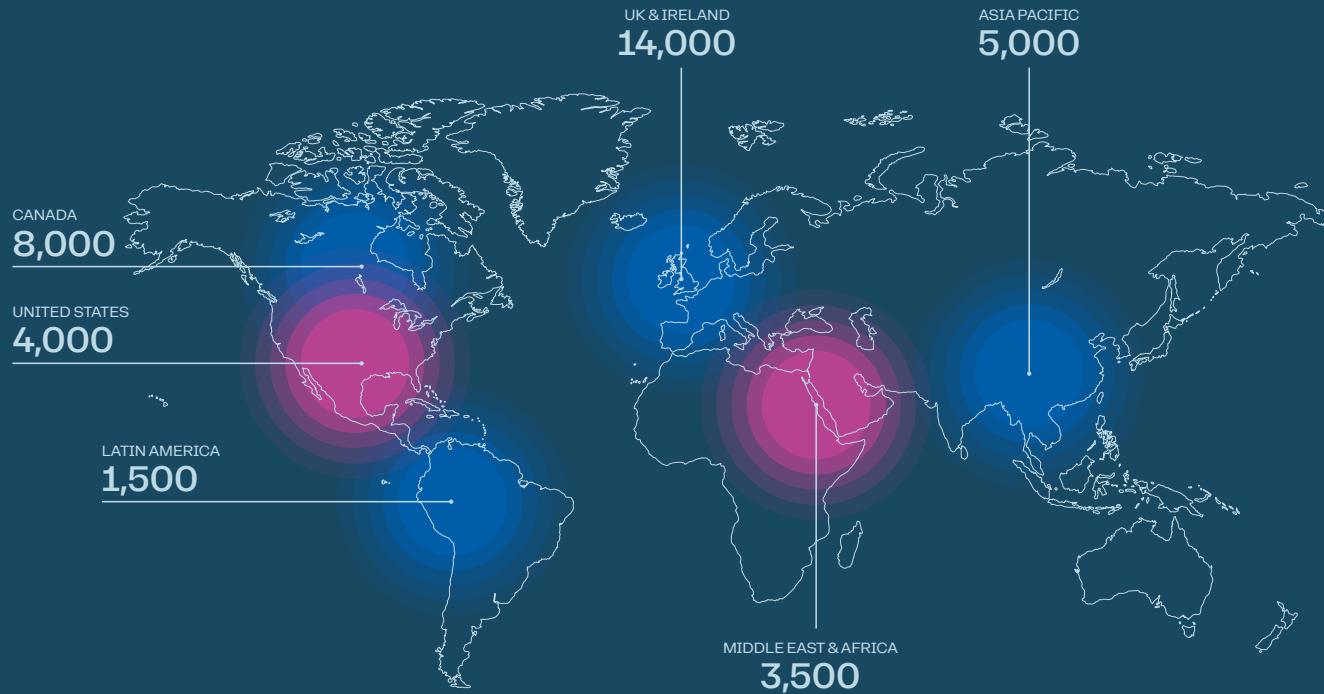
Our team is involved in all aspects of program control and planning and responsible for project coordination, planning and execution. We're also providing implementation oversight and technical and infrastructure planning services to ensure a smooth transition to AET operations.

Florida's Turnpike Enterprise GEC

We are supporting program management, toll, bonding, architecture, operations, conceptual, environmental, engineering, right-of-way, survey/mapping, utilities and construction engineering management services. Toll data analytics have driven significant savings.

To learn more about AtkinsRéalis, visit our website.





**Our global workforce of over 36,000 employees
speaks over 70 languages and represents
130 nationalities across six continents.**

These differences are one of our greatest strengths – and key to
understanding the needs of our clients worldwide.

atkinsrealis.com