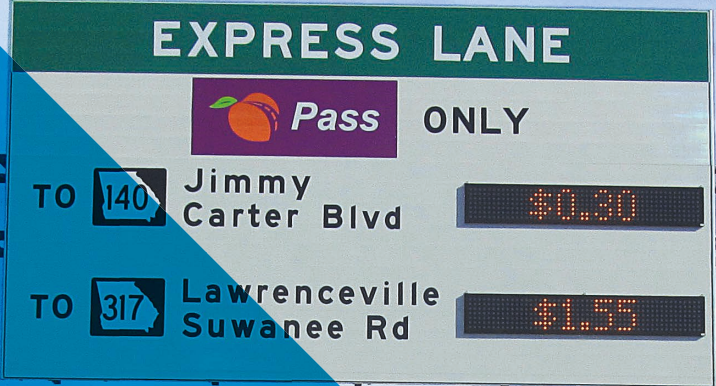


APPROXIMATELY
50,000
EMPLOYEES

WORK FROM
OFFICES IN OVER
 **50**
COUNTRIES

- › SNC-Lavalin is a leading global engineering and project management company, offering services in Engineering, Design and Project Management, Infrastructure, Nuclear and Resources businesses.
- › Atkins, a member of the SNC-Lavalin Group, is one of the world's most respected design, engineering and project management consultancies serving infrastructure, transportation and energy sectors.



Supporting tolls
clients as diverse
as our services

We help clients worldwide plan, finance, design, build, operate, market, and maintain their tolls infrastructure and services.

Our multi-disciplinary team provides expertise in intelligent mobility, emerging technology, smart design and infrastructure, business intelligence and customer-centric services. We understand emerging trends and help our clients balance the use of legacy systems while taking advantage of new technologies and services. Global resources support local teams to provide a thorough and coordinated approach to solving problems and satisfying your evolving needs.

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)
- › Multi-modal solutions

Program management

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

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.)

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

P3 transportation/infrastructure

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

Representative projects

HPTE tolling advisory services (CDOT)

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.



Tolls technology and operations (NCDOT)

Toll concept plan, toll operations plan, market research, on call technical services, review of technical documents, toll system auditing, customer service center storefront build outs, toll system refresh, open road tolling animation video, toll system request for proposal, design build toll scope, procurement assistance, negotiations, AET feasibility analysis, toll data analytics and audit services.



Statewide toll services (TxDOT)

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.



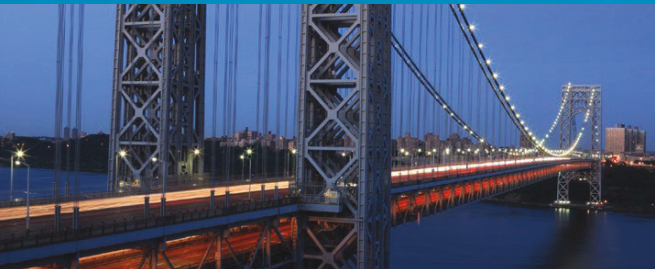
NYC Central Business District Tolling (CBDT) Program

We provide 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 is 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

Atkins supports 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.

