



transportation

understand • innovate • partner • deliver



New I-70 MRB - I-70 Connection | East St. Louis, IL | Role: Design  
IDOT Award for Exceptional Consulting Engineering Service, 2016  
ACEC National Honor Award, 2015  
ACEC-IL Eminent Conceptor Award, 2015

## about us

With a mission to understand, innovate, partner and deliver, EXP provides engineering, architecture, design and consulting services to the world's built and natural environments.

Our heritage dates back to 1906, when the earliest of EXP's predecessor companies started its engineering infrastructure practice. Today, over 3,000 creative EXP professionals across North America provide the passion and experience needed to deliver successful projects around the world.

3000+

professionals  
worldwide

90+

offices  
worldwide

#28

Top 500 Design Firms,  
ENR, 2019

platinum elite

Top 100 Canada's Biggest  
Infrastructure Projects  
ReNew Canada, 2019



## services

- Architecture + Design
- Automation + Instrumentation
- Bridge Design
- Bridge Inspection
- Building Science
- Civil
- Commissioning
- Construction Management
- Electrical
- Environmental
- Geotechnical
- Health + Safety
- Land Development
- Lighting Design
- Materials Testing
- Mechanical
- Operations + Maintenance
- Plumbing + Fire Protection
- Program Management
- Railway Engineering
- Roadway Design
- Security
- Structural
- Survey + Geomatics
- Sustainability + LEED
- Technology Design
- Traffic Engineering + Modeling
- Transportation Planning
- Urban Planning + Design
- Water + Wastewater
- Water Resources

## transportation

*From multi-modal facilities spanning regions to urban and rural corridors, we help clients plan, build, rehabilitate and maintain their transportation infrastructure.*

*We specialize in the transportation systems that connect our communities. Whether by road, air, rail or water, we've got it covered.*





bridges

highways + roads

rail + transit

aviation



# bridges

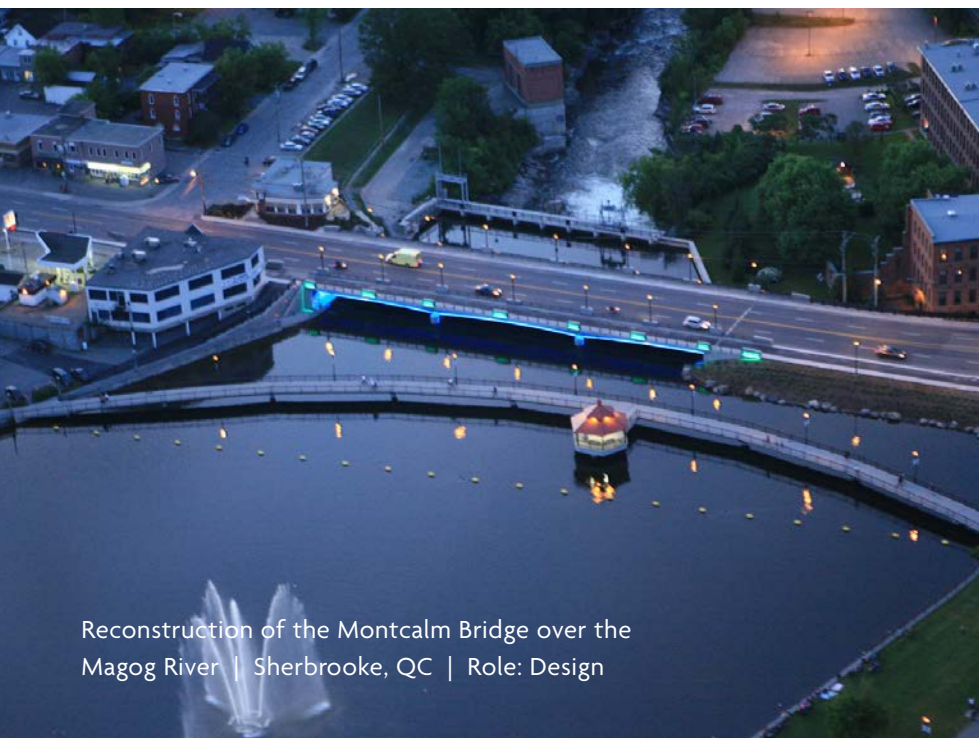
As a multidisciplinary infrastructure practice, we provide innovative solutions to build, preserve, maintain and enhance the world's bridges. Since our founding, we have planned, designed, inspected, repaired, rehabilitated and constructed well over 1,000 bridges.

We have delivered award-winning designs over road, rail and waterways — from iconic long-span river crossings to unique pedestrian bridges that establish meaningful community connections. We have inspected major structures, led rehabilitation improvement programs, and have delivered cost-effective solutions to help owners extend the life of their infrastructure.

*EXP's decades-long history in the North American bridge market is distinguished by our focused approach to solving complex structural challenges. Our philosophy remains – simple and direct.*



IL 104 over the Illinois River | Meredosia, IL | Role: Planning + Design  
IDOT, Award for Exceptional Consulting Engineering Service (Rural Highway), 2015



Reconstruction of the Montcalm Bridge over the  
Magog River | Sherbrooke, QC | Role: Design



Turcot Interchange Reconstruction  
Montréal, QC | Role: Design Review,  
Audit, Monitoring + Analysis



Golden Ears Bridge over the Fraser River P3 Project | British Columbia  
Role: Geotechnical + Environmental



Maple-Oregon Bridge and Michigan Street Bridge over Sturgeon Bay | Door County, WI  
Role: Planning, Inspection, Design, Construction Engineering

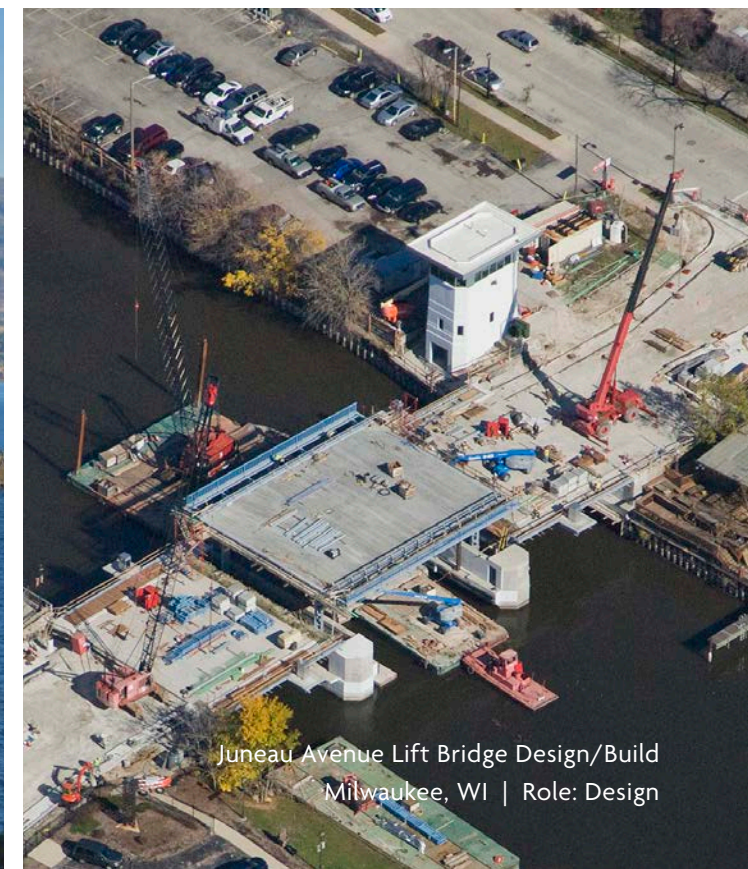
## multidisciplinary services for major river and movable bridges



Jacques-Cartier Bridge | Montréal, QC  
Role: Inspection + Rehabilitation Design



William R. Bennett Bridge | Kelowna, BC  
Role: Geotechnical + Environmental



Juneau Avenue Lift Bridge Design/Build  
Milwaukee, WI | Role: Design

1000+

bridges inspected, repaired,  
rehabilitated + designed

## bridge inspection

EXP is a global leader in structural inspection and analysis. For clients across North America, EXP has performed bridge inspections, documented the findings to meet NBIS and other reporting requirements, performed load ratings, and developed clear and concise rehabilitation strategies and cost assessments for all types of bridges.



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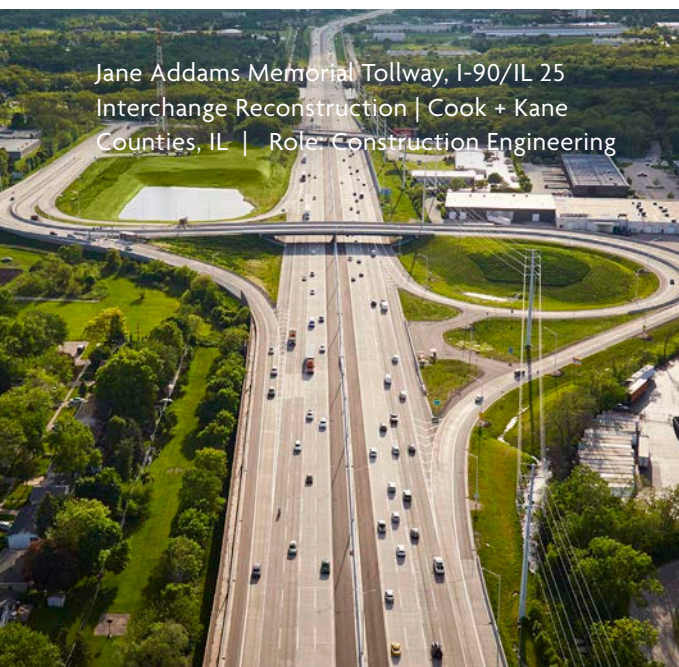
US 20 over McLean Boulevard Reconstruction  
Elgin, IL | Role: Design



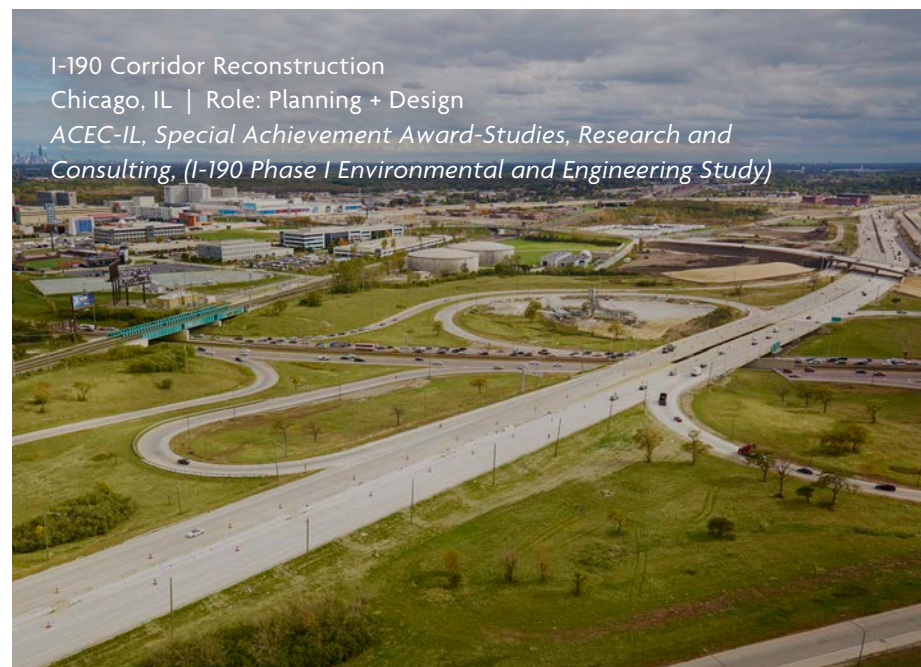
Smythe Street + Route 8 Roundabout  
Fredericton, NB | Role: Design  
ACEC-New Brunswick Recognition for  
Engineering Excellence

## highways + roads

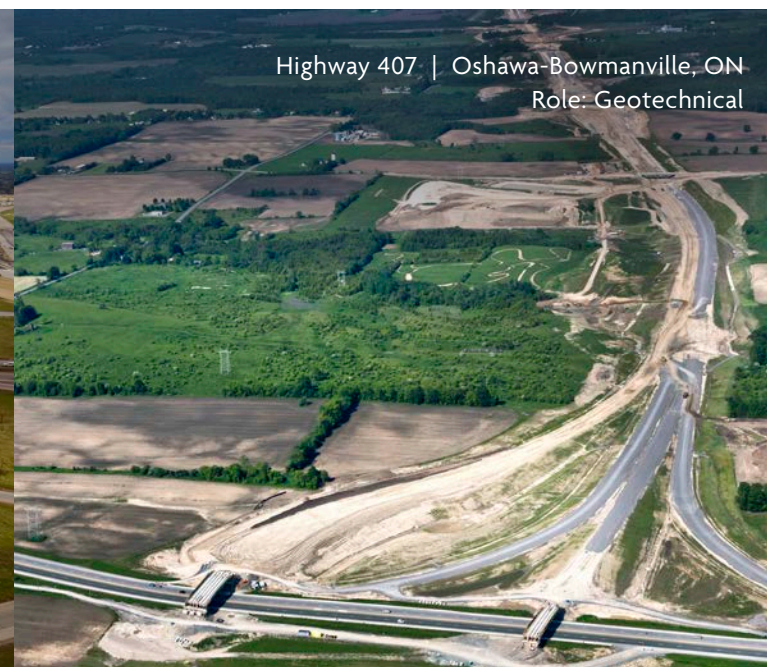
With diverse experience in the planning, design and construction of highways, expressways, tollways, local roads and streets, we bring innovative solutions for every type of roadway. We have designed modern highways to bring new paths of travel, reconstructed and rehabilitated roadways to facilitate more efficient movement and solved the challenges of complex urban interchanges. Combining modern technology and innovative design we deliver customized solutions for toll roads and bring expertise in Intelligent Transportation Systems (ITS) to make our roadways smarter.



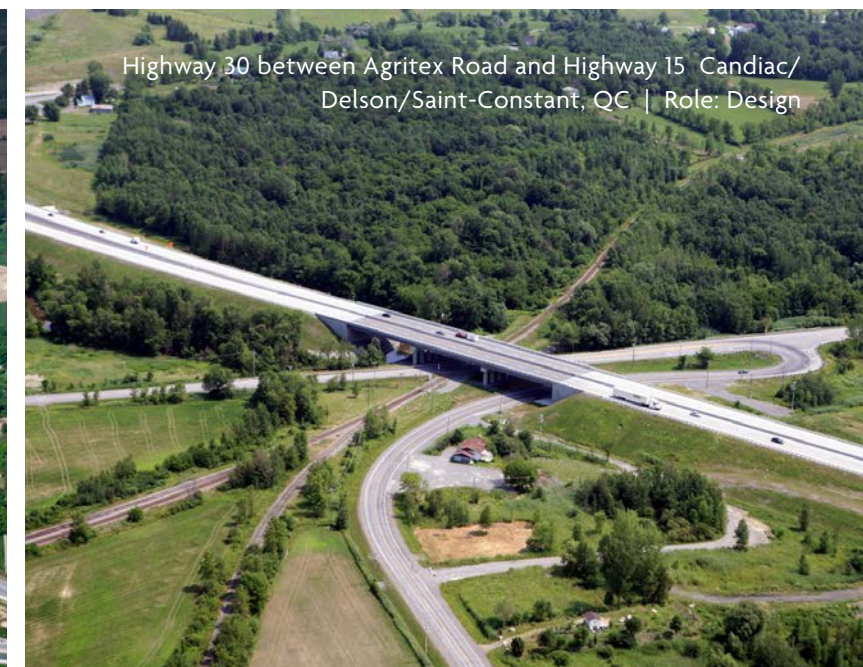
Jane Addams Memorial Tollway, I-90/IL 25  
Interchange Reconstruction | Cook + Kane  
Counties, IL | Role: Construction Engineering



I-190 Corridor Reconstruction  
Chicago, IL | Role: Planning + Design  
ACEC-IL, Special Achievement Award-Studies, Research and  
Consulting, (I-190 Phase I Environmental and Engineering Study)



Highway 407 | Oshawa-Bowmanville, ON  
Role: Geotechnical



Highway 30 between Agritex Road and Highway 15  
Candiac/Delson/Saint-Constant, QC | Role: Design

connecting our communities  
through transportation



CTA Washington/Wabash Elevated Train Station | Chicago, IL | Role: Design  
ACEC, Grand Award, 2018  
ENR Midwest, Best Projects of 2018, Airports/Transit, 2018  
International Design Awards (IDA), Gold Award in Architecture Categories /  
Arches, bridges, viaducts and gateways, 2018  
AIA Chicago, Design Awards, The Divine Detail Award, 2018



bridges  
highways + roads  
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aviation



CTA 95th Street Station Design/Build Project  
Chicago, IL | Role: Design



CTA IMD Blue Line Station  
Chicago, IL | Role: Design

Bombardier Multifunctional Test Track  
La Pocatière, QC



Toronto Union Station Train  
Shed Renewal  
Toronto, ON | Role:  
Construction Phase Services



RTM Pointe-Saint-Charles Maintenance  
Centre | Montréal, QC | Role: Design

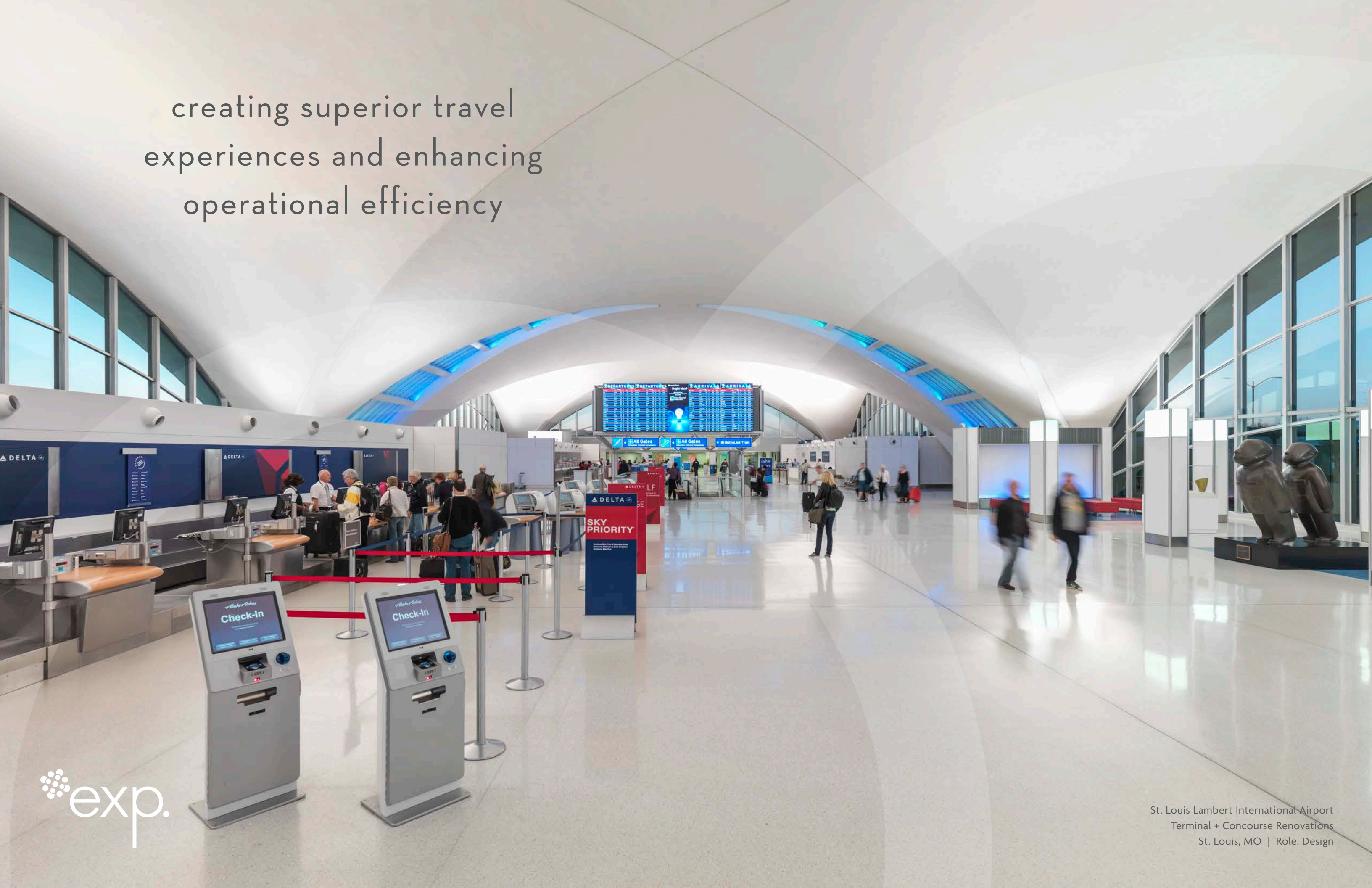
## rail + transit

Whether freight or passenger services, the demand for rail and transit systems is increasing to meet the world's growing population. EXP offers comprehensive planning, design, project management and construction solutions for all types of rail and transit projects. Whether related to full rail systems, track, rail bridges, tunneling, grade crossings, maintenance facilities and train/car storage, or transit stations for the traveling public, we provide multidisciplinary solutions across all types of railway infrastructure.



Railroad Bridge Inspection | Quebec  
Role: Structural Inspection

creating superior travel  
experiences and enhancing  
operational efficiency





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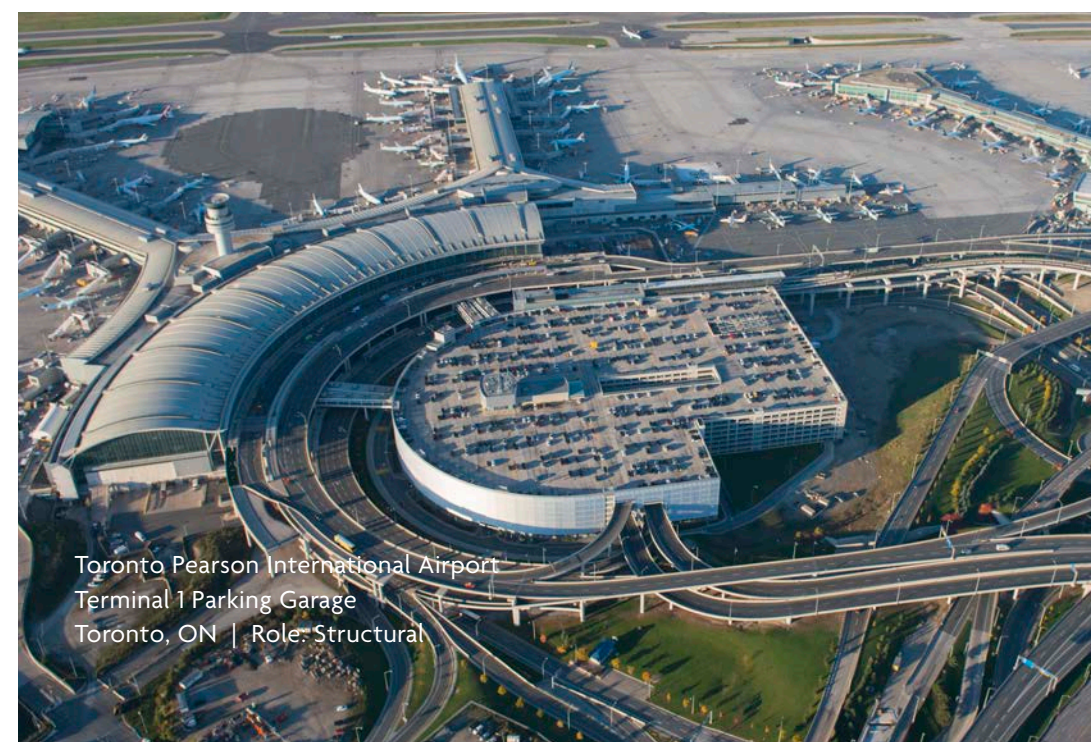
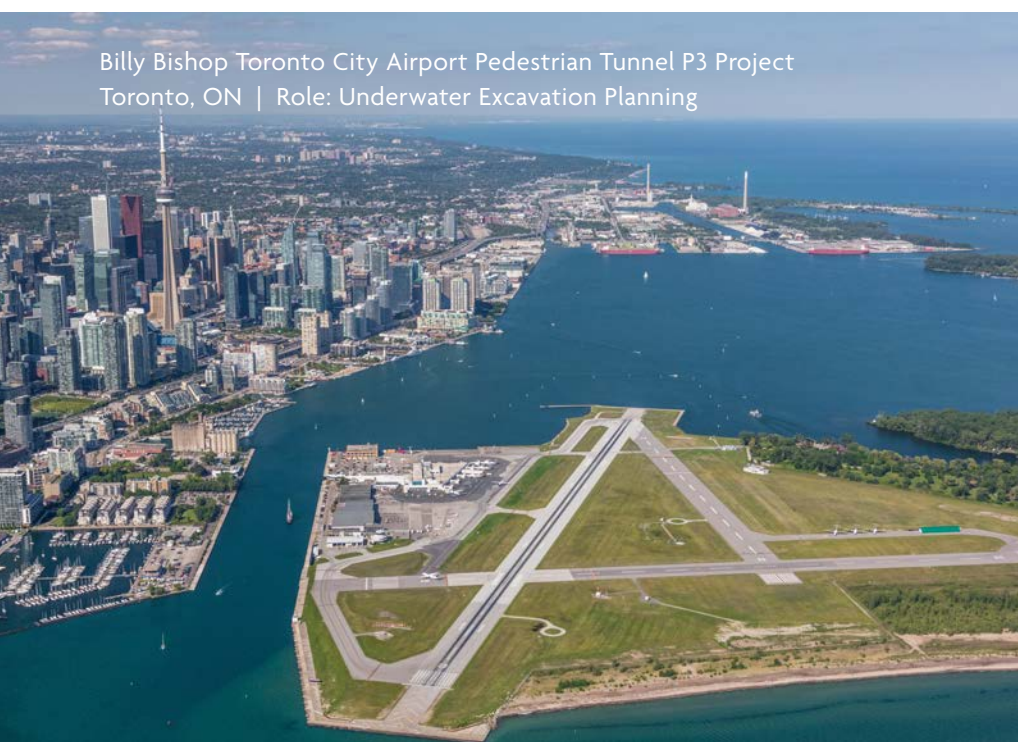
Midway International Airport, Runway 13C-31C Rehabilitation  
Chicago, IL | Role: Design



O'Hare International  
Airport South Air Traffic  
Control Tower  
Chicago, IL | Role: Design



Billy Bishop Toronto City Airport Pedestrian Tunnel P3 Project  
Toronto, ON | Role: Underwater Excavation Planning



Toronto Pearson International Airport  
Terminal 1 Parking Garage  
Toronto, ON | Role: Structural

## aviation

EXP brings more than 35 years of experience providing full architecture and engineering services to airports across the US and Canada. From airfield improvements to terminal expansions to security checkpoint and concessions upgrades, we can help provide a superior travel experience for passengers, improve operational efficiency and increase the bottom line.



let's explore the possibilities.

[exp.com](http://exp.com)