

2022 Minister's Awards for Transportation Innovation



Nomination Guidelines and Nomination Form



Table of Contents

Nomination Guidelines	3
Categories	3
Eligibility	4
Nomination Evaluation	5
Submission	6
Questions	6
Nomination Form	7
Nominee Information	7
Affiliation	7
Innovation Description	7
Award Category	7
Nominator Information	8
Nominee Team Members	8

2022 Minister's Awards for Transportation Innovation



Nomination Guidelines

Transportation enhances Albertans' quality of life by providing a reliable, multi-modal, safe, efficient and effective transportation system that supports the ongoing development and diversification of Alberta's economy.

Innovation is central to the development of Alberta's transportation system enabling it to be more flexible and adaptable to rapidly evolving technologies and systems that will improve transportation safety in addition to sustaining the lifetime of transportation infrastructure.

Innovation that leads to economic diversification enhanced environmental performance and social well-being is a priority for the Alberta government and are achievements recognized by the Minister's Award for Transportation Innovation.

Categories

The individuals or organizations being recognized will have demonstrated excellence in design, construction, environmental, safety, operational or transit/accessible transportation innovations. There are six Transportation Innovation Awards categories:

1. Design Innovation

Nominations in this category could include, but are not limited to, projects with planning and design innovations that have resulted in:

- design/construction efficiencies
- the use of new engineered products, materials and/or equipment
- consideration of strategies to accommodate diverse needs of infrastructure users, including vulnerable populations
- transportation infrastructure that is strengthened to reduce the impacts of climate change.

2. Construction Innovation

Nominees in this category could include, but are not limited to, projects with construction innovations that have resulted in:

- cost savings
- scheduling efficiencies
- traffic management improvements
- project delivery enhancements
- process adaptations/improvements
- the use of innovative equipment.

3. Environmental Innovation

Nominees in this category could include, but are not limited to, transportation projects with innovations that:

- advance energy efficiencies and reduce greenhouse gas and air contaminant emissions
- lessen the impact of transportation infrastructure and/or construction on surrounding ecosystems.

4. Safety Innovation

Nominees in this category could include, but are not limited to, projects with:

- innovations that improve safety for road users or encourages road users to change their behavior to make improvements to the transportation system
- new products/processes that enhance safety on transportation projects
- reductions in collisions or casualties in the road network utilizing the safe system approach (safe road users, safe vehicles, safer infrastructure, safe speeds).

5. Operational Innovation

Nominees in this category could include, but are not limited to, projects or ongoing contracts that:

- incorporate innovations in maintaining and operating transportation infrastructure
- provide innovative transportation service delivery options on community, regional, or provincial basis
- facilitate the efficient movement of products and people from origin to destination within Alberta.

6. Transit/Accessible Transportation Innovation

Nominees in this category could include, but are not limited to projects that:

- incorporate technology and innovation into transit infrastructure and/or service(s)
- collaborate with partner organization(s) to provide a new or expanded regional service
- enhance community mobility of citizens with challenges in accessing reliable transportation (e.g. vulnerable populations such as seniors, students, and/or persons with disabilities)
- Integrate active transportation networks (e.g. bike lanes, multi-use trails, walking school bus programs).

Eligibility

Nominations can be submitted for:

- Public transportation project in Alberta related to roads, bridges or multi-modal transportation.
- Projects completed within two years are eligible with demonstrated results in the nominated category. Preference will be given to nominations that have measurable outcomes. There is no limitation or restriction on the scope or scale of the innovation.

Eligibility (Cont'd)

- Submissions made within the past two years that did not previously receive an innovation award may be resubmitted with updated, relevant information.
- More than one category, however submissions with more than one category must explain how the project meets each innovation category.
 - Project is not eligible to receive multiple award categories
 - Submissions should be written for a non-technical audience.
- Projects that focus on a 'first' in Alberta. The innovation can be original or an adaptation of a technology or process used outside the province.

Eligible recipients include:

- Employees of a business unit(s) of Alberta Transportation**
- Member(s) in good standing of the Consulting Engineers of Alberta (CEA)
- Member(s) in good standing of the Alberta Roadbuilders and Heavy Construction Association (ARHCA)
- Municipalities belonging to the Alberta Urban Municipalities Association (AUMA) or the Rural Municipalities of Alberta (RMA).

Self-nominations as well as second-party nominations are encouraged.

** In order to be eligible, Alberta Transportation employees must be partnered on a nomination with one or more organizations from the list of eligible recipients (CEA, ARHCA, AUMA and/or RMA).

Nomination Evaluation

Alberta Transportation, along with representatives from CEA, ARHCA, AUMA and RMA will nominate individuals for an award selection committee who will evaluate the award nominations based on the degree of innovation and the measured degree of benefit to transportation in Alberta. Nominations will also be evaluated on their value to the public, and their adaptability and applicability to the future transportation system. The decision of the award selection committee will be final.

The Minister of Transportation will personally present the awards at the 2022 Consulting Engineers of Alberta (CEA) Transportation Connects Alberta Conference, March 14, 2022 at the Cambridge Red Deer Hotel & Conference Centre, Red Deer, Alberta. Award recipients will be notified in advance so they can make arrangements to attend the award presentation.

Submission

Nominations must be submitted, using the nomination form accompanying these guidelines, on or before **noon January 7, 2022** to:

Primary Contact: Helen Lam, Manager, Corporate Services

Strategic Business Services

Alberta Transportation, Planning, Procurement and Technical Standards Division

3rd Floor, Twin Atria Building

4999 - 98 Avenue, Edmonton, AB T6B 2X3

Phone: 780-422-7486, Email: helen.lam@gov.ab.ca

Alternate Contact: Darcy Kolodnicki, Director, Strategic Business Services

Phone; 780-427-8427, Email: darcy.kolodnicki@gov.ab.ca

Questions

Inquiries about the award categories, process or judging criteria can be directed to:

Helen Lam, Alberta Transportation: 780-422-7486

2022 Minister's Awards for Transportation Innovation

Nomination Form

Nominee Information:

Company / Municipality / Ministry Name and Division:

Affiliation: (check most appropriate)

- Alberta Transportation
- Alberta Roadbuilders and Heavy Construction Association
- Consulting Engineers of Alberta
- Municipality

Innovation Description

Award Category: (you may check more than one with a maximum of three if applicable)

- Award of Excellence for Design Innovation Award
- Award of Excellence for Construction Innovation
- Award of Excellence for Environmental Innovation
- Award of Excellence for Safety Innovation
- Award of Excellence for Operational Innovation
- Award of Excellence for Transit / Accessible Transportation Innovation

Please submit a document, not to exceed four pages in length, which describes the innovative project or process for a non-technical audience. Submissions with more than one category must explain how the project meets each innovation category in detail.

Cover page and photos are not included as part of the three page submission length. The following is a suggested outline for a typical application:

Summary of the Innovation (up to one page)

Provide a description of the innovation including a brief overview of the innovation, its highlights and the team members and how they were involved.

Meeting the Criteria (up to one page)

Describe how the innovation meets the applicable criteria in this guide

Qualifying for the Award (up to two pages)

Describe why, in your opinion, this innovation qualifies for a Minister's Award. Please clearly explain what was innovative about the project/process and demonstrate the value to the public, and the adaptability and applicability to the future transportation system.

Submissions with more than one category must explain how the projects meets each innovation category.

All nominators to include photos where appropriate, with descriptive labels to illustrate the innovation. Please include company logos for the Nominator, and Nominee Team Members and photos in a jpg file..

Nominator Information:

Nominator's Name / Company / Municipality / Ministry Name and Division:

Business Phone: _____ Email: _____

Innovation Title: _____

For each nominated team member, please supply the following information in the table below:

Nominee Team Members:

	Name	Company/Business	Phone Number	Email Address
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