

BUDGET 2022

GOVERNMENT OF ALBERTA | 2022-25

Ministry Business Plan Transportation

Transportation

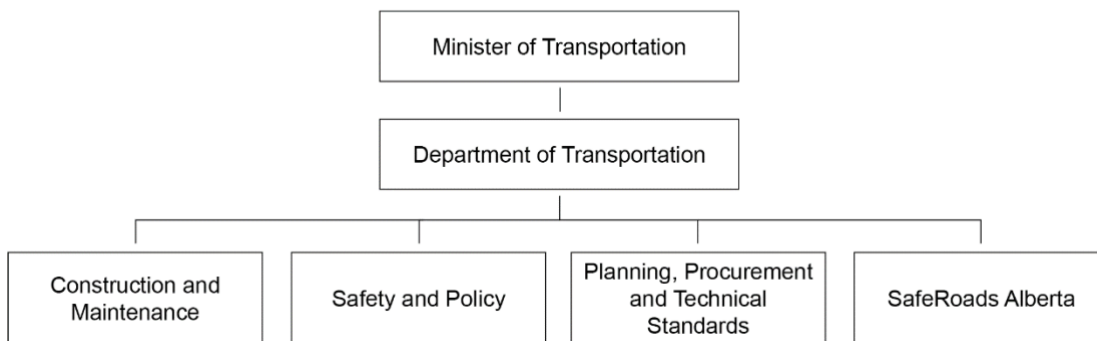
Business Plan 2022-25

Ministry Fact Sheet – Mandate and Structure

Alberta Transportation supports Alberta’s economic, social and environmental success by building and maintaining a safe and efficient transportation system. The ministry undertakes key maintenance and construction infrastructure projects to improve the safety and efficiency of the highway system and support the province’s economic growth and recovery. Strategic development of corridors and multi-modal hubs supports economic development and improves market access, reducing congestion and bottlenecks.

Maintaining a safe and secure highway system is a critical priority, and the ministry conducts ongoing monitoring and maintenance of highways to ensure highways remain clear and roads remain safe. The ministry also coordinates educational, monitoring and compliance programs to support the safety of all road users and vehicles in Alberta. SafeRoads Alberta ensures Albertans have quick access to a fair and efficient process for resolving administrative penalty disputes related to impaired driving charges and vehicle seizures under the *Traffic Safety Act*.

Alberta Transportation is responsible for a number of grant funding programs supporting resilient, connected and healthy communities through construction and maintenance of critical municipal infrastructure, including roads, bridges, water and wastewater infrastructure. Funding for capital public transportation infrastructure projects supports integrated connections in and between communities, connecting Albertans to critical services and each other.



Stewardship of the Transportation Network

Alberta has one of the largest highway networks in Canada. Transportation manages more than 31,400 kilometres (the equivalent of nearly 64,000 lane kilometres) of highways, of which more than 28,000 kilometres are paved. The ministry makes strategic infrastructure investment decisions for new construction and rehabilitation projects for roads, bridges, slide repairs and culverts. Cost-benefit analysis and careful consideration of potential economic, safety, social and environmental impacts ensure Transportation makes the best use of available resources to meet emerging and future transportation needs. To achieve the best value and most effective results for Albertans, Transportation explores and employs innovative solutions for highway operations and maintenance programs. The ministry collaborates with governments, industry and communities to ensure Alberta’s transportation system remains sustainable over the long term, including investigating opportunities for alternative funding models.

Safety and Security

Safety is the ministry’s top priority. In working toward reducing the number of transportation-related injuries and fatalities in Alberta, the ministry develops and implements safety strategies and improvements to infrastructure to build safer roads and reduce collisions. The ministry ensures a robust legislative and regulatory framework is in place to protect Albertans by reviewing and refreshing legislation to align with emerging transportation-related best

practices, issues and technologies. SafeRoads Alberta, the result of such work, is a new adjudication branch to address impaired driving traffic violations, allowing drivers to pay their fees online, request more time to pay their penalty or dispute their Immediate Roadside Sanction or vehicle seizure.

Transportation exercises a number of key oversight functions to ensure driver and vehicle safety on Alberta roads. Transportation oversees driver licensing to support rigorous commercial carrier safety, including pre-entry requirements and mandatory entry-level training for Class 1 and Class 2 driver's licence applicants. The ministry also oversees and monitors safety standards and compliance related to dangerous goods, rail, commercial bus and truck carriers, and personal vehicles, and works with industry partners to ensure the safe and secure transportation of goods throughout the province. Alberta Environmental and Dangerous Goods Emergencies, or EDGE, and the Transportation Management Centre maintain 24-hour operations to ensure the safe and efficient movement of people and goods. The Transportation Management Centre's 511 Alberta service provides reliable and timely road condition information so that all road users can safely navigate Alberta's highway network.

Strategic Direction and Innovation

Transportation supports Alberta's economic growth and recovery by connecting Albertans and job creators to markets within the province, across Canada and the world. The ministry promotes the province's interests and harmonized standards and regulations to remove barriers to trade, investment and labour mobility and enable long-lasting economic growth. Reducing red tape and regulatory burden to save Albertans time and money remains a priority, and the ministry is on track to meet its red tape reduction target of 33 per cent well in advance of the Government of Alberta's 2023 deadline.

Transportation continues to strategically invest in major transportation corridors and hubs to support the safe and efficient transport of people and goods from origin to destination. Capital projects support economic growth in the province by creating jobs, reducing bottlenecks and improving the flow of industrial, commercial and commuter traffic, and enabling growth in multiple sectors. Implementation includes planning, designing and constructing highways and bridges as part of the Provincial Construction Program. The ministry supports work with partners to facilitate and enable the use of new and environmentally-sustainable methods for application in the construction industry, such as enhanced asphalt pavement and a pilot project using low carbon cement.

Transportation works with partners to support critical municipal programs and infrastructure, with capital projects supporting economic growth and creating jobs in municipalities and regions. The ministry's Strategic Transportation Infrastructure Program provides capital grant funding to municipalities for local infrastructure projects such as roads, bridges and community airports. These projects improve the movement of goods and people to support local economic growth. The ministry provides capital grant funding to municipalities through the Alberta Municipal Water/Wastewater Partnership (AMWWP), Water for Life and First Nations Water Tie-In Program, in addition to administering the Clean Water and Wastewater Fund (CWWF) on behalf of the federal government, to ensure clean and safe drinking water and water/wastewater systems for all Albertans.

The ministry also supports regional, urban and rural public transit projects through the Green Transit Incentives Program (GreenTRIP) and allocation of funding toward Calgary and Edmonton LRT development. Transportation administers the Public Transit Infrastructure Fund and the Investing in Canada Infrastructure Program (ICIP) on behalf of the federal government. The federal grant programs require a matching provincial component toward total project costs, which maximizes overall value for Albertans.

A more detailed description of Transportation and its programs and initiatives can be found at:
<https://www.alberta.ca/transportation.aspx>

The Ministry of Transportation continues to review programs to ensure Albertans receive efficient and client-focused services from their government. As part of this ongoing review, the ministry is committed to protecting and supporting Albertans and job creators by reducing red tape by one-third by 2023, modernizing regulations, eliminating unnecessary regulatory requirements, and reducing administrative burden through more efficient processes including digital solutions.

Ministry business plans should be considered in conjunction with all budget documents - including the Fiscal Plan, Government Strategic Plan, and Estimates - which work together to provide a complete overview of government's commitment to responsible fiscal management.

Business Plan – Core

Outcome 1

Alberta’s transportation network and water management infrastructure is managed effectively and responsibly, ensuring long-term sustainability and affordability

Key Objectives

- 1.1 Investigate and implement alternative funding opportunities to support long-term sustainability of transportation infrastructure.
- 1.2 Develop and maintain critical infrastructure to enhance resilience, such as the Springbank Off-Stream Reservoir (SR1) and Dickson Dam Capacity Enhancement projects.
- 1.3 Implement capital maintenance investments, with a focus on prioritizing rehabilitation, using asset management principles to support strategic decision-making.
- 1.4 Implement flexible, cost-effective approaches and energy-efficient technologies to ensure highway operations and maintenance programs achieve the best value for investment and most effective results for Albertans.

Initiatives Supporting Key Objectives

- Transportation is allocating \$345 million for Provincial Highway Maintenance in 2022-23.
- In 2022-23, the ministry is investing \$597 million for Capital Maintenance and Renewal.
- Transportation is allocating \$208.6 million in 2022-23 for the SR1 project.
- Transportation is allocating \$36 million for general water management infrastructure in 2022-23.

Performance Metrics

1.a Performance Measure: Physical condition of provincial highway surfaces

Maintenance and regular rehabilitation reduce total life-cycle cost of the highway system.

As of 2020-21, 59.0 per cent of highways were rated good, 25.3 per cent fair and 15.7 per cent poor.

Targets: Good	2022-23	58.0%	2023-24	58.0%	2024-25	57.5%
Targets: Fair	2022-23	26.5%	2023-24	26.5%	2024-25	26.5%
Targets: Poor	2022-23	15.5%	2023-24	15.5%	2024-25	16.0%

Outcome 2

The Transportation system is safe and secure, supported by policies, programs, enhanced services and a regulatory framework protecting public safety

Key Objectives

- 2.1 Ensure high standards for driver licensing, and provide effective oversight and monitoring to support road user safety and cost-effective service delivery across Alberta.
- 2.2 Provide effective oversight and monitoring of commercial carrier and provincial railway industries, while continuing educational opportunities to improve public safety.
- 2.3 Implement transportation safety strategies and infrastructure enhancements to improve road safety, promote traffic safety and prevent transportation-related deaths and serious injuries on Alberta’s roads.

Initiatives Supporting Key Objectives

- In 2022-23, Transportation is budgeting \$47.6 million for the Traffic Safety Program.

Performance Metrics

2.a Performance Measure: Combined fatal and major injury collision rate per 100,000 population

This metric measures the combined fatal and major injury collision rate to monitor progress of safety strategies.

The 2020-21 result was 48.6 per 100,000 population. (Rates may be revised as final data is verified.)

Targets	2022-23	45.5	2023-24	43.1	2024-25	40.7
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Outcome 3

Alberta’s economic growth and recovery is supported by strategic infrastructure investments and innovation opportunities

Key Objectives

- 3.1 Work with partners to support innovative, cost-effective transportation mobility options for Albertans.
- 3.2 Implement transportation initiatives across multiple modes to promote economic growth and recovery in Alberta and support opportunities in multiple sectors.
- 3.3 Investigate opportunities to enhance market access and mobility for transportation users, and support routes connecting major industrial, manufacturing and high-load corridors and hubs.
- 3.4 Reduce red tape and regulatory burden for Albertans by streamlining regulations, programs and processes, providing time and cost savings to Albertans and achieving a 33 per cent reduction in red tape by 2023.
- 3.5 Administer capital grant funding to support reliable access to clean and safe drinking water and water/wastewater treatment for communities.
- 3.6 Advance the Strategic Transportation Infrastructure Program (STIP) to support critical road and bridge infrastructure projects, contributing to resilient local economies.
- 3.7 Facilitate the research and development of innovative approaches and technologies, such as alternative fuel technologies and automated vehicles, to improve mobility choices, create jobs and attract investment.

Initiatives Supporting Key Objectives

- Transportation is investing \$744 million for ring roads, new construction and expansion of provincial highways in 2022-23.
- The ministry is allocating \$52.9 million under the GreenTRIP and STIP in 2022-23.
- Transportation is budgeting \$50 million in provincial funding and \$656.6 million in federal ICIP funding for Light Rail Transit expansion in Calgary and Edmonton in 2022-23.
- In 2022-23, Transportation is allocating \$149.7 million under the provincial Water for Life, AMWWP, First Nations Water Tie-In and the Sundre Wastewater Treatment Plant programs, and the federal CWWF.

Performance Metrics

3.a Performance Measure: Percentage of combined ring roads in Calgary and Edmonton open to travel

Ring road investment supports economic development by enabling the efficient movement of goods and people.

As of 2020-21, 90.7 per cent of a combined total 179 km of ring road kilometres were open to travel.

Targets	2022-23	95.5	2023-24	98.9	2024-25	100.0
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STATEMENT OF OPERATIONS

(thousands of dollars)

	Comparable			2022-23 Estimate	2023-24 Target	2024-25 Target
	2020-21 Actual	2021-22 Budget	2021-22 Forecast			
REVENUE						
Public Transit Infrastructure Fund	46,909	20,984	9,602	7,816	-	-
Clean Water Wastewater Fund	20,948	2,040	4,229	13,004	-	-
Investing in Canada Infrastructure Program	21,343	634,005	326,016	764,194	532,918	542,944
Other Transfers from Government of Canada	29,179	31,649	41,252	43,264	43,130	43,400
Premiums, Fees and Licences	28,613	33,254	33,254	33,479	33,479	33,479
Refunds of Expense	1,017	2,575	2,575	2,575	2,575	2,575
Other Revenue	22,481	21,991	22,022	22,115	23,109	25,472
Ministry Total	170,490	746,498	438,950	886,447	635,211	647,870
Inter-Ministry Consolidations	(30)	-	-	-	-	-
Consolidated Total	170,460	746,498	438,950	886,447	635,211	647,870
EXPENSE						
Ministry Support Services	9,892	9,490	9,490	9,164	9,164	9,164
Program Services and Support	35,100	39,186	39,186	38,963	38,963	38,963
Traffic Safety Programs	45,877	45,858	45,556	47,581	46,672	46,672
Alberta Transportation Safety Board	2,699	-	-	-	-	-
Provincial Highway Maintenance	1,082,364	1,073,479	1,115,479	1,201,666	1,239,377	1,274,377
Municipal Transit and Transportation Grant Programs	68,272	119,910	119,910	148,300	621,967	600,527
Municipal Water Infrastructure Grant Programs	160,752	124,400	73,174	136,700	60,000	72,000
Federal Grant Programs	88,969	656,829	339,647	784,814	532,718	542,744
Water Management Projects	31,266	29,132	29,132	15,032	38,032	34,332
Ring Roads - Debt Servicing	94,540	102,668	102,668	103,447	100,613	97,103
Ministry Total	1,619,731	2,200,952	1,874,242	2,485,667	2,687,506	2,715,882
Inter-Ministry Consolidations	(33,293)	(29,132)	(29,132)	(15,032)	(38,032)	(34,332)
Consolidated Total	1,586,438	2,171,820	1,845,110	2,470,635	2,649,474	2,681,550
Net Operating Result	(1,415,978)	(1,425,322)	(1,406,160)	(1,584,188)	(2,014,263)	(2,033,680)
CAPITAL INVESTMENT						
Ministry Support Services	3,045	687	6,963	687	687	687
Ring Roads	916,391	514,246	433,193	265,750	123,461	10,700
Provincial Highway Construction Projects	198,039	368,623	318,698	478,227	434,675	323,333
Bridge Construction Projects	70,848	100,000	104,032	97,600	65,000	65,000
Provincial Highway Rehabilitation	424,034	492,808	488,433	499,416	459,486	393,262
Water Management Projects	49,059	108,400	186,084	244,600	214,400	110,600
Consolidated Total	1,661,416	1,584,764	1,537,403	1,586,280	1,297,709	903,582