

Southeast Stoney Trail: A Look at the Numbers

Albertans can now take the Calgary Ring Road from Highway 2 on the city's south side, along the eastern border and around the north connecting with Highway 1 toward Banff.

Smooth travels on new SE Stoney Trail

This new section is a six-lane roadway which runs from 17 Avenue SE to just east of Macleod Trail, a distance of 25 kilometres, with:

- nine interchanges,
- 27 bridges,
- one road flyover, and
- two rail flyovers.

In all, Stoney Trail now offers 70 kilometres of free-flowing travel, a \$1.9 billion total investment in Alberta's core transportation network. SE Stoney Trail is the second largest highway project in Alberta's history in terms of scope, a \$769 million public private partnership (P3), including a \$100 million from the Government of Canada. The contract includes a 30-year maintenance agreement on this leg, as well as a 12-kilometre stretch of Deerfoot Trail.

Benefits

A vital part of the provincial highway network which will improve market access, Stoney Trail supports Alberta's vision to provide safe, accessible, free-flowing travel. Opening this section helps ensure improved travel and less congestion for individual and commercial users both within Calgary and across the region.



The connection at Stoney Trail and Highway 22X means motorists can go north or south along Calgary's east side.

Materials used in the project amount to:

- 50,000 sq. m. of concrete decks
 - Covering 27 bridges and 3 flyovers
- 18 million cubic metres of dirt
 - Enough to fill about 3.5 million average-sized dump trucks
- 2 million tonnes of gravel for roadbed
 - Enough to build 12,500 average-sized single family homes
- 600,000 tonnes of asphalt
 - Enough to pave nearly 300,000 average sized driveways
- 40,000 cubic metres of concrete
 - Enough to fill McMahon Stadium 40 metres high
- 5,000 tonnes of rebar
 - Equal to the average weight of 1,000 African elephants

For more information contact:

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For up-to-date road information, call 5-1-1 toll-free, visit 511.alberta.ca or follow [@511Alberta](https://twitter.com/511Alberta)



Building Alberta

A few more numbers:

- 3,000 tonnes of steel girders and 640 precast girders hold up 27 bridges and 3 flyovers.
- Stretched end-to-end, the girders would cover 25 kilometres from the start to the end of Southeast Stoney Trail. Some of the asphalt from Highway 22X was used to rebuild the roadway during construction.

Workforce in action:

- At the busiest point of construction, the workforce peaked at more than 700 people.
- Nearly 2.5 million man-hours by all construction and office workers.
 - That many man-hours would build 5,000 1,000-square-foot homes.

Impressive multi-structure interchange

Travellers who use the Deerfoot Trail/Stoney Trail interchange in south Calgary will see complicated marrying of roads and bridges which wind around each other to enable free-flow traffic where the two roadways meet. From the air, this interchange might be described as design and construction art work.



The Deerfoot Trail – Stoney Trail interchange is an amazing feat of engineering design and construction.



The Glenmore Trail/Stoney Trail interchange will provide easy access for city motorists to the Calgary Ring Road.

Advantages of a P3

The Chinook Roads Partnership's bid of \$769 million is well below the traditional delivery estimate of \$1.8 billion. The road was also built two years sooner than through conventional delivery because one contractor is responsible for the entire project. With a fixed price and contracted delivery date for the project, risks such as inflation and weather-related delays are borne by the contractor.

Moving forward

Work is currently underway to widen sections of Northwest Stoney Trail and on the Nosehill Drive interchange. All of this work supports the economy and increased market access by focusing on capital plan projects for core infrastructure and key corridors, fulfilling the Redford Government's promise to invest in Alberta's transportation network and support Alberta families and communities.

Find more information by visiting: transportation.alberta.ca

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