



# Access Roads Edmonton



Access Roads Edmonton Ltd. (AREL) is the team selected to design, build, finance, operate and maintain the southeast portion of the Anthony Henday Drive Ring Road. The project was delivered on time and on budget in October 2007.

The AREL team includes: Macquarie Essential Assets Partnership (MEAP); PCL Construction Management Inc.; PCL-Maxam, A Joint Venture; Sureway Construction Management Ltd.; Lafarge Canada Inc.; MMM Group; Stantec Consulting; and Transportation Systems Management Inc.



**Project Development, Finance & Ownership:** Macquarie Essential Assets Partnership is an unlisted Canadian fund that invests in essential infrastructure assets and businesses in North America, including the Sea-to-Sky Highway Improvement Project in British Columbia; AltaLink, an independent transmission company in Alberta; and Aquarion, one of the largest privately-owned water utilities in the United States. MEAP is managed by a subsidiary of Macquarie Group Limited, a recognized leader in the infrastructure sector in Canada and around the world, with approximately \$50 billion in equity under management in the infrastructure and adjacent sectors globally.



**Maintenance and Rehabilitation:** Transportation Systems Management Inc. (TSMI) is a subsidiary of Lafarge and is well established in Alberta through its existing performance contracts with the Province. Currently TSMI operates and maintains over 6,000 kilometres of highway using 30 facilities, 87 plow trucks, 10 graders and 27 loaders. TSMI was one of the first private companies to provide highway maintenance services and is intimately familiar with the specific performance requirements.



CONSTRUCTION LEADERS

**Design and Construction Management:** PCL Construction Management Inc. is a member of the PCL family of companies—Canada’s leading general contracting organization. PCL managed all design and construction-related activities on the project.



- **Design:** The design services were provided by MMM Group and Stantec Consulting. MMM Group is a leading national road designer and has past involvement in the Fredericton-Moncton Highway, Highway 407 East and West extensions, Detroit River Tunnel and Highway 11. Stantec Consulting has extensive national and Alberta experience including the South West leg of the Anthony Henday Drive, Calgary Trail/Ellerslie Road Interchange, MacLeod Trail/Shawnessy Boulevard Interchange, as well as many other projects throughout North America.



- **Construction:** PCL-Maxam, A Joint Venture (a joint venture between PCL Construction Management Inc. and Maxam Contracting) were responsible for constructing the bridges and overpasses on the project. Sureway Construction Management Ltd. completed the required earthworks, drainage and utility works. Sureway has significant earthworks experience in Alberta and has successfully completed a number of projects directly with the Province. Lafarge Canada Inc. was responsible for the surface works including granular base, asphalt pavement, signage and lighting. Lafarge is a major aggregate and concrete supplier and has extensive road surfacing experience throughout Alberta and Canada.

