

Southeast Collector Benefits



Local Investment for Local Benefits

A Half Billion Investment

York and Durham Region's \$500 million-dollar investment in the Southeast Collector (SEC) Trunk Sewer Project will result in a number of economic, environmental and social benefits for York Region, Durham Region and the City of Toronto. It will be a keystone infrastructure upon which a wide range of other developments will hinge.

Growing the Economy

Jobs in a time of need. The SEC is poised to begin once approved by the Minister of the Environment. It will lead to employment of an average of 2,100* people per year through direct construction jobs, indirect jobs supporting the construction (accountants, manufacturing of supplies) and in-service jobs induced through additional income spending.

Major economic impact. As a result of these new jobs, a total of \$113 million annually in labour salaries will be injected into the local economy over the four-year construction period.



*Refers to full complement of jobs created (direct/indirect/induced)

"This shovel ready project has my support. The Southeast Collector Trunk Sewer is a vital regional project that will create thousands of direct and indirect jobs and will provide economic and environmental benefits for generations to come."

Andy Manahan, Executive Director
Residential and Civil Construction Alliance of Ontario

The SEC will be a top 20 employer in York and Durham Regions during the four-year construction period.

A Capital Project

York and Durham Regions are working on a number of wastewater projects to increase current capacity of the York Durham Sewage System (YDSS).

One of the most important investments is the SEC Trunk Sewer Project, a joint infrastructure initiative between The Regional Municipality of York and Durham Region.

Quick facts about the SEC:

- ✓ The project spans both York and Durham Regions
- ✓ Construction of the pipe is scheduled to run from 2010 to 2013
- ✓ The new pipe will be approximately 15 kilometres in length, three metres in diameter and ranges in depth from 10 and 40 metres below the surface of the ground
- ✓ The new infrastructure will provide critical back-up for the existing sewer
- ✓ The new sewer system will enable growth that has been mandated under the Ontario Government *Places to Grow* legislation
- ✓ The Individual Environmental Assessment for the project is the most rigorous process ever conducted in Ontario for a water / wastewater project
- ✓ The SEC will utilize state-of-the-art Earth Pressure Balance Tunnelling construction technology to minimize environmental, social and economic impacts to the local community

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A 20-Year Return on Investment

The economic benefits of the SEC project will not be limited to the benefits generated during construction. The SEC will act as a keystone infrastructure, allowing for the future construction of new houses, hospitals, schools and other industrial, commercial and institutional developments.

New Housing, Hospitals, Schools & Other Developments

- ✓ The SEC will enable construction of 152,000 housing units and 86-million square feet of industrial, commercial and institutional development
- ✓ This development will be worth \$60 billion over the next 20 years

Enabling 20 Years of Employment Opportunities

- ✓ 32,000 people will be employed on average per year for 20 years across York Region, Durham Region and the City of Toronto

Labour Salaries Feed Families

- ✓ A total of \$950 million in labour salaries will be pumped into the local economy

The Best Alternative

Future growth in York and Durham Regions mean that additional sewer capacity will be needed.

A number of alternatives for these collective servicing needs were evaluated using technical, financial and environmental criteria.

More than \$16 million was invested in the very best scientific exploration, study and advice to determine the preferred solution.

It was determined that the best option is to construct a new Southeast Collector Trunk Sewer in combination with the implementation of other water efficiency and inflow / infiltration reduction measures.

State-of-the-Art Technology

Odour Control Facility

- ✓ Enhanced level of treatment and back-up system so that odours are undetectable during operation of the SEC
- ✓ Three bio-filters will use natural biological processes to break down odour-causing substances
- ✓ Two carbon filters will provide additional treatment
- ✓ Stand by power and back up systems for continuous operation in the event of power failure
- ✓ "Green roof" to reduce carbon footprint
- ✓ Fully landscaped site compatible with surroundings

Enhancing Your Community

Ecological, Recreational and Infrastructure Improvements

As part of the SEC project, \$15 million will go toward ecological, recreational and infrastructure enhancements to enrich the community where you and your family live, work and play.

The proposed enhancements will include new environmental programming for schools, improvements to community parks, development of trails and upgrades to public transit and roads.

Hike the trail systems, learn about your community's past at the cultural heritage program, explore parkland - all new attractions in your community from the SEC enhancement fund.

The enhancement fund will expand forests, restore streams and improve the aquatic and natural habitat.

Bob Hunter Memorial Park

In August 2006, Premier McGuinty dedicated 500 acres of provincial greenbelt land to create the Bob Hunter Memorial Park.



Located in the Town of Markham, adjacent to the Rouge Park, this park is a tribute to Bob Hunter, one of the founders of Greenpeace and recognized by Times magazine as an 'Eco-Hero' of the 20th Century.

\$6.2 million of SEC enhancement funds have been allocated to the Bob Hunter Memorial Park for the restoration of aquatic and terrestrial habitat as well as the development of interpretive and educational trail systems.

SEC Existing & Preferred New Route

