

## 2015 Infrastructure Status and Outlook Report

Building new infrastructure and maintaining the existing assets in a state of good repair is critical to the success of the Region of Peel. Good infrastructure enhances the Region’s ability to provide high quality and affordable municipal services to the Peel community and, therefore, the Region of Peel is committed to strong stewardship of the public’s assets. The Region’s infrastructure is a public investment with a replacement value of approximately **\$20.1 billion**.

This report is intended to outline the current status of the Region of Peel’s infrastructure and highlight some of the organization’s major improvement priorities. A breakdown on the status of each major business area within the Region of Peel is provided in alphabetical order.

**What do the symbols mean?**

- A Very Good Score** – Almost all assets in the portfolio are achieving the desired condition and performance targets.
- A Good Score** – Most assets in the portfolio are achieving the desired condition and performance targets.
- A Fair Score** – Many assets in the portfolio are not achieving the desired condition and/or performance targets.
- A Poor Score** – Most assets in the portfolio are not achieving the desired condition and/or performance targets.
- A Very Poor Score** – Almost all assets in the portfolio are not achieving the desired condition and/or performance targets.

<b>The Region of Peel</b>		
Infrastructure	Status	Action
The Region of Peel owns and operates roads, bridges, buildings, pipes and equipment to provide services in Affordable Housing, Child Care Centres, Homeless Shelters, Long Term Care, Paramedics, Transportation, Waste Management, Wastewater and Water.	The goal for the Region of Peel is to have most of the assets achieve their condition and performance targets in order to fully provide efficient and reliable services at rates affordable to the taxpayer.  The Region of Peel is currently achieving its objectives.	Over the next 10 years the Region of Peel plans to reinvest almost <b>\$1.7 billion</b> in order to provide the Region of Peel’s current levels of service to the community.

<b>Affordable Housing</b>		
Infrastructure	Status	Action
<b>6 Affordable Housing buildings</b> provide safe affordable, accessible accommodations geared to lower income families and individuals. Housing owned by Peel Living is not included.   Snelgrove Place	Peel’s Affordable Housing stock is relatively new and, therefore, has a very good score. Intensive use and high turnover in the facilities requires that ongoing investments continue in order to maintain the stock to be liveable for residents and to blend with the surrounding community.	A proactive 10-year capital plan is in place to maintain the condition of the housing units at desired levels.  The Region of Peel continues to ensure that the tenant rental rates are structured to adequately sustain the housing units.

<b>Child Care Centres</b>		
Infrastructure	Status	Action
<b>3 Child Care Centres</b> house child care services for children between 18 months and 5 years of age as well as a range of family-centred coordinated services. Centres owned by Peel Living are not included.   Streetsville Child Care Centre	The Child Care Centres are in a good state and fully support the child care services.  The Region of Peel has leased the facilities to independent child care providers.	Adequate levels of capital investments are proposed in the 10-Year Capital Plan to maintain the Child Care Centres in a state of good repair.

<b>Homeless Shelters and Transitional Housing</b>		
Infrastructure	Status	Action
<b>3 Homeless Shelters and 2 transitional housing facilities</b> provide 24-hour access to safe, secure temporary living for families and individuals in distress.   Peel Youth Village	The Shelters portfolio is achieving the desired outcome of supporting safe temporary living services.  These facilities experience intensive use and high turnovers of residents, therefore requiring constant repairs and maintenance.	Adequate levels of capital investments are proposed in the 10-Year Capital Plan to maintain the shelters at desired levels.  The condition and viability of the shelters are being assessed to ensure the best use of funds to meet service needs.

<b>Long Term Care Centres</b>		
Infrastructure	Status	Action
<b>5 Long Term Care Centres</b> provide long term care and adult day programs for clients to promote dignity, independence, quality of life and community connections.   Peel Manor LTC	The score for the Long Term Care Centre portfolio has declined marginally due to the age of the facilities.  Peel Manor remains the greatest challenge to meeting Peel’s long term care service needs due to the very advanced age of the facility.	Council has approved a conceptual plan for a new facility and service delivery model that will replace Peel Manor and support a greater number of seniors in the surrounding community with a broader range of services.  Funding is proposed in the 2016 Capital budget to undertake master planning and program planning for the future long term care centre which Council has directed to be developed.



## Paramedic Services

Infrastructure	Status	Action
<p><b>5 Regional Paramedic Stations</b> support Paramedic Services by providing efficient hubs from which to rapidly deploy emergency medical services. Additional stations are under construction or soon to be commissioned.</p>  <p>Paramedic Reporting Station</p>	<p>The Region's paramedic stations portfolio is new and, therefore, has a very good score.</p> <p>New Stations are being planned and constructed that will further enhance services and replace older leased facilities which are not owned by the Region of Peel.</p>	<p>Due to the relatively new condition of the Paramedic Stations, capital investments are not required within the 10-Year Capital Plan.</p>



## Regional Offices

Infrastructure	Status	Action
<p><b>2 Regional office complexes</b>, located at 7120 Hurontario Street in Mississauga and 10 Peel Centre Drive in Brampton, centralize many operations and services and provide public access points to Regional services and Council.</p>  <p>Regional Headquarters in Brampton</p>	<p>Most of the Regional office buildings are fairly new and, therefore, have a very good score.</p> <p>Suite A is 36 years old and will require significantly higher levels of investment to maintain than the other much newer buildings in the portfolio.</p>	<p>Due to the advanced age of Suite A, capital investments will be increased over the next 10 years.</p> <p>The Region has commenced a review of its accommodation requirements to support development of a Facility and Accommodation Master Plan.</p>



## Transportation

Infrastructure	Status	Action
<p><b>1,591 km of Regional roads, 169 bridges and large culverts, 4 Public Works Yard, 402 Vehicles and 168 Vehicle Equipment Assets</b> support the movement of goods and people through a strategically important transportation hub for Ontario.</p>  <p>Typical Regional Road</p>	<p>The road infrastructure is in very good condition providing reliable support for Peel's critical transportation services.</p> <p>Peel's roads have traditionally been maintained in good condition through proactive inspections, planning and rehabilitations of pavement, bridges, culverts and noise walls.</p>	<p>Sufficient levels of reinvestments and capital works are planned over the next 10 years to maintain the road infrastructure in a state of good repair.</p> <p>An inventory and condition assessment program for the Regional road storm water management systems will be carried out over the next several years. This information will provide additional insight into the state of Transportation storm water assets and inform future reinvestment requirements.</p>



## Waste Management

Infrastructure	Status	Action
<p><b>6 Community Recycling Centres, a composting and curing facility and a Material Recycling facility</b> support the safe removal of solid waste from the community and the achievements of the Region's waste diversion goals.</p>  <p>Battleford CRC</p>	<p>The waste management infrastructure is generally achieving the desired targets and adequately supporting services.</p> <p>Changes to waste volumes and material composition present new challenges to maintaining desired service targets. Waste Management's Infrastructure Development Plan will guide the planning of new infrastructure to meet the challenges.</p>	<p>Council continues to assess the options for the disposal of waste and the future direction of Peel's waste management services. Planning for the infrastructure will adapt to Council's decisions and in the meantime, existing infrastructure will be optimized.</p>



## Wastewater

Infrastructure	Status	Action
<p><b>2 treatment plants, 31 sewage pumping stations and 3,562 km of sanitary sewer pipes</b> provide safe and reliable collection and treatment of wastewater.</p>  <p>G.E. Booth Treatment Plant</p>	<p>The wastewater infrastructure is generally achieving the desired targets needed to effectively manage the safe collection and treatment of wastewater.</p> <p>Assessments on the condition and adequacy of capacity of the wastewater system continue to identify areas for improvements.</p>	<p>Recent assessments of Peel's wastewater pumping stations and wastewater treatment assets have identified additional capital improvements which are being added to the 10-year capital plan.</p> <p>Further assessments of the wastewater treatment infrastructure are underway which may identify additional infrastructure improvement needs.</p>



## Water

Infrastructure	Status	Action
<p><b>2 treatment plants, 16 wells, 13 pumping stations, 21 water storage facilities and 4,481 km of water pipes</b> provide safe, reliable, high quality drinking water.</p>  <p>Large Watermain Installation</p>	<p>The water infrastructure is in a very good state and effectively delivering safe water services.</p> <p>Proactive risk assessments and pipe replacement programs are in place to keep the water system safe and reliable for homes and industries; however, Peel's aging water system will require significant increases in investment to maintain target service levels.</p>	<p>The Region continues to focus on meeting all the requirements of the Safe Drinking Water Act and targeting at-risk pipes for replacement.</p> <p>Peel's growing pipe replacement program has prompted a review on how best to effectively manage such a large program with available resources and with least disruption to the community.</p>