

Project Descriptions:

Public Transit:

1. Downtown Transit Enhancements - \$40 million:
11th Avenue is currently Regina Transit's transfer point for a significant number of daily trips. It is also a place of connectivity for different modes of transportation – walking, biking, or riding transit. Upgraded amenities are required to service the city's growth and changing needs of passengers. These amenities may include:
 - Enhanced customer service area;
 - Upgraded road and sidewalk network;
 - Enhanced waiting areas for passengers;
 - Real time arrival information; and,
 - Enhanced accessibility features for ease of access to transit service.
2. Transit Hub South East Neighbourhood Plan - \$15 million:
As the south east area of Regina continues to grow, a transit location is required to allow for transfers; and as a potential option for a park and ride location.
3. Connecting Transit Stops (First Mile, Last Mile) 62 kilometres (kms) of sidewalks at \$2 million to \$3 million per year for five years - \$15 million:
Some of the City's transit stops have no sidewalks, or limited access to sidewalks, creating transit challenges, especially for those residents with accessibility issues. This funding would help connect transit users with access to transit stops.
4. New Fare System and Paratransit Dispatch and Trip Booking Software - \$11.5 million:
Enhancements to improve the current Fare Collection System by providing multiple payment options to customers. Options include the ability for mobile ticketing and payment through phones. Newer technology will also allow for further options on the types of fares that may be charged. A new Fare Collection System will provide improved business intelligence information through real-time data collection, reducing the time and costs associated with selling transit fare products and fare collection.

The main purpose for upgrading the Paratransit software system is to utilize a variety of types of transportation modes such as conventional transit, paratransit, taxis and shared ride services to deliver accessible transit trips. The paratransit software will position the Transit Department to deliver co-mingled services which is the integration of conventional and paratransit trips.

When a variety of accessible trip options are available utilizing different types of transportation, customers will have better trip options. Additional features such as web-based bookings and mobile apps are also available to improve the customer's trip booking experience and reduces the requirement of having staff completing the work.

5. Transit Accessibility Improvements - \$6.75 million:

Improvements include updates to transit stop signage with braille and raised letter plaques, possible bus shelter upgrades, and levelling the current walking surfaces around transit stops.

Green Infrastructure:

1. Buffalo Pound Regional Water Treatment Plant Renewal - \$150 million:

Over the last five years engineering assessments dealing with the age and reliability of the Buffalo Pound Water Treatment Plant (BPWTP) have identified the need to renew or replace the existing plant to ensure the ongoing provision of safe and reliable treated water to the cities of Regina and Moose Jaw and other regional customers. The project would address the growing risks associated with sustaining the ongoing operation of the plant, as well as ensuring the plant can meet future capacity requirements when needed. The BPWTP was originally built in the early 1950s with major upgrades in 1958, 1970, and late 1980s. The BPWTP is co-owned by the City of Regina (74 per cent) and the City of Moose Jaw (26 per cent).

To note: any application for funding of this project would be made by the Corporation, rather than the City.

2. Implementation of Residential Organics & Processing: \$5.6 million:

By investing in the infrastructure for a green cart service for 65,000 households, the City has the opportunity to set the foundation for a long-term organic waste diversion program. Currently, over 50 per cent of what Regina residents send to the landfill each year is compostable. Diverting this material will reduce greenhouse gas (GHG) emissions, extend the life of the landfill and contribute to Regina's Community Priority of conservation, stewardship and environmental sustainability. Once the residential program is in place, the City would then look at non-residential diversion.

3. Wastewater Capacity Upgrades - \$200 million:

This project will increase the capacity of the City's wastewater system. The work will include significant upgrades to our wastewater collection and treatment system. The project will increase the resilience of the City to adapt to climate change and extreme weather events. The upgrades may include underground relief sewers and/or expanded treatment options to reduce the risk of wastewater discharges to the environment.

4. Twinning South Wastewater Trunk - \$40 million:

During extreme weather events the wastewater system can become overwhelmed which can lead to sewer backups and wastewater discharges to the environment. This project will increase the capacity of the wastewater collection system and increase the resilience of the City to adapt to more extreme weather events.

5. Landfill Gas to Energy Engine / Landfill Gas Well Field - \$6.5 million:

Landfill gas, which is primarily methane, is created through the decomposition of organic waste. The proposed improvement considers an expansion to the current gas collection system which will fuel an engine and produce electricity.

Burning landfill gas in the engine converts methane into carbon dioxide which is about 25 times less harmful of a GHG, resulting in GHG reductions of approximately 35,000 tonnes annually.

6. Drainage Upgrades - \$85 million:

While work is being done to mitigate risk through drainage projects, like the Arcola Avenue detention pond, the existing drainage system is not designed to accommodate extreme weather events. This project will upgrade the existing drainage system in high risk areas of Regina. This work will reduce the risk of flooding and protect public health and safety and will include further installation of large diameter storm pipes, detention ponds and underground storage tanks.

Social (Community, Culture and Recreation) Infrastructure:

1. Lawson Aquatic Centre and Addition of Indoor Recreational Centre - \$80 million:

Administration's recent work to develop a Recreation Master Plan revealed that additional indoor pool capacity for both competitive and leisure aquatics programs is a priority. The Administration's recommendation is to redevelop the Lawson Aquatic Centre with replacement of the competitive pool, as well as the addition of a leisure pool.

2. Outdoor Aquatic Facility Renewal (Wascana and Maple Leaf pools) - \$20 million:

Maple Leaf and Wascana Outdoor Pools are over 70 years old and have reached their life expectancy. Maple Leaf Pool will not open in 2019 and this year will be the last season that Wascana Pool will be open.

Wascana Pool, situated in the city's picturesque Wascana Park, has served residents since 1947. Due to its location, this facility draws users from across the city, often enjoying the day in the park, with swimming being but one activity offered. This pool will provide residents with contemporary aquatics program options, such as zero depth entry, spray toys, lap swimming, water slides, etc.

Maple Leaf Pool, a staple in the community since 1946, is located in an inner-city neighbourhood, serving a widely-diverse community. The pool provides a free of charge opportunity for residents to learn to swim, socialize and cool off on hot summer days.

Both facilities will meet currently accessibility codes, as well as provide all-gender washroom/changeroom facilities and family washroom/changeroom options. The facilities will be designed and constructed to contemporary energy, environmental and sustainability standards to improve the working and public environment and reduce GHG emissions.

3. Regina Revitalization Initiative (RRI) Public Use Facility - \$30 million:

The Regina Revitalization Initiative is the largest urban revitalization project ever undertaken in the City of Regina, consisting of three primary project components: (1) Stadium Project; (2) Railyard Renewal Project, and (3) redevelopment of Taylor Field Neighbourhood.

The Railyard Renewal Project will redevelop a former railway intermodal yard, a 17.5-acre brownfield site, into a new sustainable mixed-use neighbourhood. In 2015, a consultative master planning process was initiated to create a vision that will transform this brownfield site into a dynamic area to complement surrounding neighbourhoods and connect directly to Downtown Regina.

Through this process, the need for publicly accessible, multi-purpose space to bring together a variety of services, programs and activities was identified. Early delivery of such a public use facility could prove catalytic to attracting new development for people to live, work, play, and flourish.

4. Globe Theatre - \$25 million:

The Globe Theatre is a national centre in the production of theatre-in-the-round with a main stage, second stage and touring productions. Annually, the Globe performs to an audience of over 60,000. In 2013, the organization purchased the historic Prince

Edward Building, one of the oldest buildings in Downtown Regina and a Municipal Heritage Property. The proposed project is a redevelopment of the building that includes: repairing and remediating the exterior; enhancing accessibility; increasing seating capacity in the main stage area; adding a second stage with capacity for 250 patrons which will be made available to other performing arts organizations; adding office spaces available for rent to arts organizations; and, adding two additional studio spaces. The scope of the redevelopment aligns with the City's vision for culture and heritage and the Downtown neighbourhood, as articulated in the Official Community Plan, The Regina Downtown Neighbourhood Plan, the Recreation Facility Plan and the Cultural Plan.

Government of Canada - Investing in Canada Infrastructure Program (ICIP)

Note: The projects included in this list are a high-level assessment based on the funding opportunities resulting from the Government of Canada's ICIP. These projects have not been approved by City Council.

City of Regina Transit Fund Projects

Priority	Project	Est. Cost
1	Downtown Transit Enhancements	\$40,000,000
2	Transit Hub South East Neighbourhood Plan	\$15,000,000
3	Connecting Transit Stops – First Mile, Last Mile (62kms of sidewalks) \$2m to \$3m per year for 5 years	\$15,000,000
4	New Fare System, New Paratransit Dispatch / Trip Booking Software	\$11,500,000
5	Accessibility Improvements	\$6,750,000
	Total:	\$88,250,000

City of Regina Green Fund Projects

Priority	Project	Est. Cost
1	Buffalo Pound Regional Water Treatment Plant Renewal	\$150,000,000
2	Implementation of Residential Organics Collection & Processing	\$5,600,000
3	Wastewater Capacity Upgrades	\$200,000,000
4	Twinning South Wastewater Trunk	\$40,000,000
5	Landfill Gas to Energy Engine / Landfill Gas Well Field	\$6,500,000
6	Drainage Upgrades	\$85,000,000
	Total:	\$487,100,000

City of Regina Social (Community, Culture and Recreation) Fund Projects

Priority	Project	Est. Cost
1	Lawson Aquatic Centre and Addition of Indoor Recreational Centre	\$80,000,000
2	Outdoor Aquatic Facility Renewal (Wascana and Maple Leaf)	\$20,000,000
3	Regina Revitalization Initiative Public Use Facility	\$30,000,000
4	Globe Theatre	\$25,000,000
	Total:	\$155,000,000