

# Capital Investment Budget

2018-2019-2020

Special Council meeting  
December 18, 2017

# Summary of Presentation

- Budget building process
- Investment priorities
- Three-Year Capital Expenditure Plan
- Question period

# Budget Building Process

1. Guiding principles and priorities
  - Ensure long-term financial viability of the City and sustainability of services and programs;
  - Optimize external funding opportunities, in addition to federal and provincial grants, to support infrastructure improvements;
  - Ensure that, whenever possible, the City leverage internal funding sources for capital investment projects in order reduce the cost of debt service.
2. Review budget requests with Council
3. Adoption of capital investment budget

# Investment Priorities for 2018

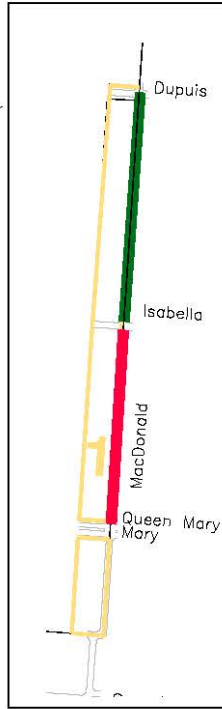
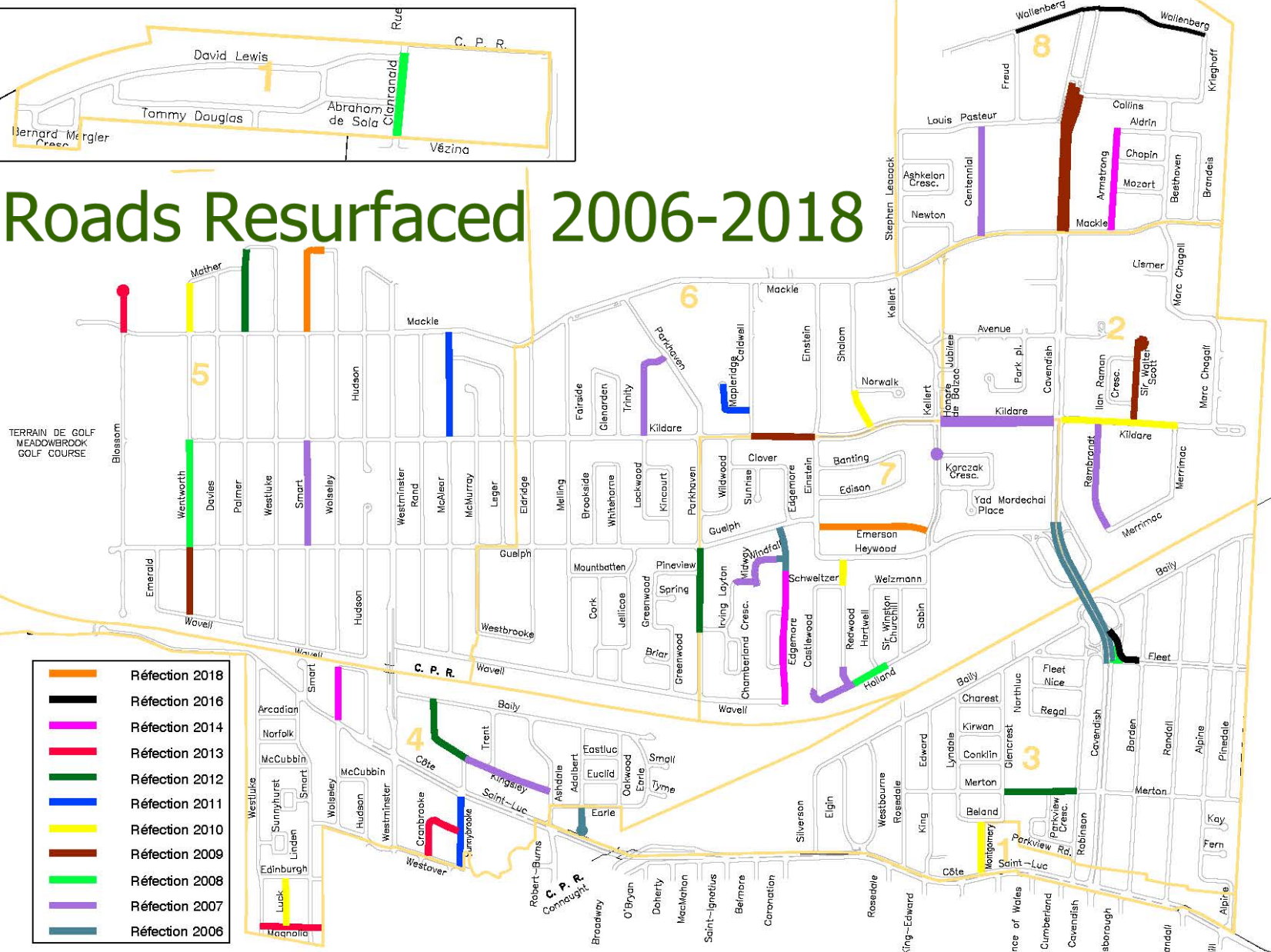
- Sleeving of water pipes & improvements to the sewer systems (TECQ grant)
- Road resurfacing and sidewalk repair projects
- Traffic lights - Cavendish corridor
- Professional services for renovations at Kirwan Park and LED street lights
- Investment in small parks and public spaces
- Replenishment of Public Works aging vehicle fleet
- Renovation of the municipal outdoor swimming pool (fall 2018)

# Roads and Traffic

## \$1.33M

- Road Resurfacing
  - Planned streets:
    - Emerson
    - Smart (Mackle to Mather)
- Sidewalk Repairs
  - Various locations
  - Approximately 7,200m of sidewalk replaced in past 3 years
- Traffic Lights - Cavendish corridor
  - Replacement of traffic sensors

# Roads Resurfaced 2006-2018



NO.	DATE	REVISION/REVISION



Développement Urbain / Urban Development  
 Division Ingénierie / Engineering Division

5801 boul. Cavendish Blvd., Côte Saint-Luc, Qc H4W 3C3  
 Tel: (514) 485-6800 / Fax: (514) 485-6963

**LOCALISATION DES RESURFAÇAGES DE RUES**  
**ROAD RESURFACING PLAN**  
**2006-2018**

ÉCHELLE/SCALE: N.A. É/N.T.S.	DATE: 2017-12-14
PRÉPARÉ/DESIGNED BY: Serge Rioux	DESSINÉ/DRAWN BY: Serge Rioux
APPROUVÉ/APPROVE BY: Mohammed Ali	DESSIN NO/DWG. NO: Projet Resurfacing 2006 à 2018

# Water and Sewer Infrastructure

## \$1.345M

- Most financed by TECQ (Gas Tax Grants)
- Includes funds allocated from 2017 Capital Investment Budget
- Water main sleeving - began in CSL in 2007
- Sewer sleeving - first time being done in 2018
- Water meters for ICI (Industrial, Commercial & Institutional) buildings

# Water Main Network

## 73,349 m in total

	Length of water mains sleeved (m)	Percentage of water mains sleeved
2007-2017	15,403	21.0
2018	2,073	2.8
<b>Total</b>	<b>17,476</b>	<b>23.8</b>

	Water main breaks	Average per year
2007-2011	142	28.4
2012-2016	60	12
<b>Change</b>		<b>-58%</b>

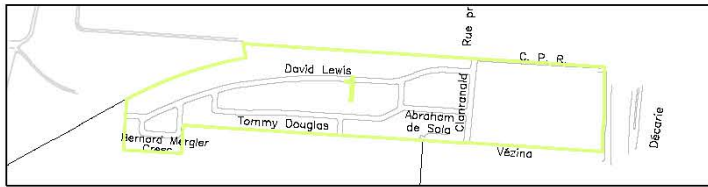


# Water Main Sleeving 2018 Locations

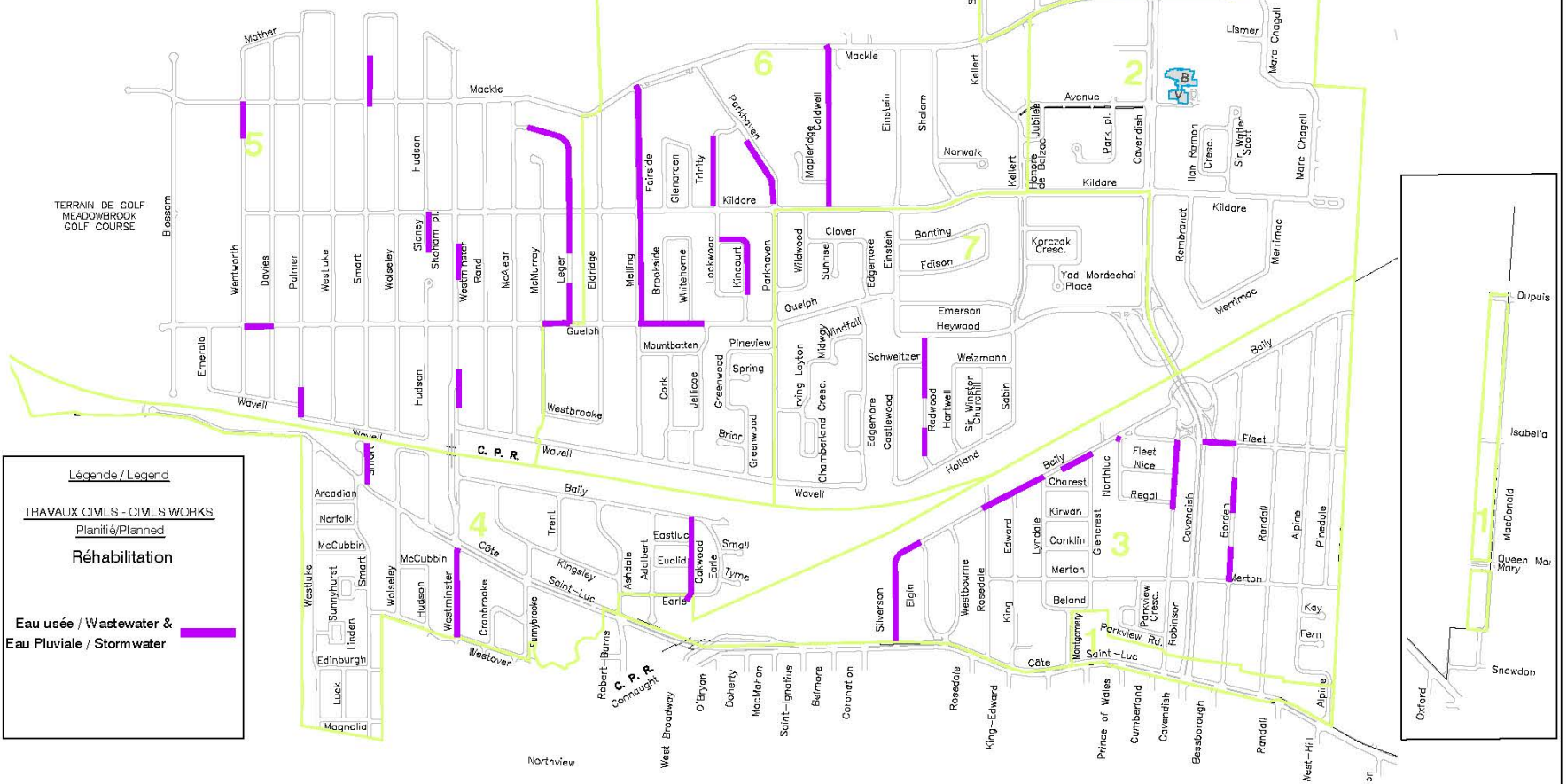
1. Hudson (Mackle - CPR)
2. Hudson (Kildare - Cul-de-sac)
3. Melling (Guelph - Kildare)
4. Kincourt (Guelph - Lockwood)
5. Baily (Northluc - Lyndale)
6. Baily (Robinson - Northluc)
7. Fleet (Robinson - Regal)
8. Heywood (Cavendish - 6803 Heywood)
9. Kildare (Rembrandt - Cavendish)
10. Kildare (Merrimac - Marc Chagall)
11. Trinity (Kildare - Parkhaven)
12. Parkhaven (Kildare - Trinity)
13. Cavendish (parallel to Heywood intersection)

# Sewer Sleeving 2018 Locations

1. Westminster (Westover - Côte Saint-Luc)
2. Silverson (Côte Saint-Luc - Elgin)
3. Caldwell (Kildare - Mackle)
4. Oakwood (Earle - Baily)
5. Léger (Kildare - McAlear)
6. Wentworth (Mackle - Kildare)
7. Trinity (Kildare - Parkhaven)
8. Melling (Mackle - Guelph)
9. Smart (Côte Saint-Luc - CPR)
10. Palmer (Wavell - Guelph)
11. Léger (Kildare - Guelph)
12. Borden (Fleet - Merton)
13. Kincourt (Lockwood - Lockwood)
14. Redwood (Holland - Heywood)
15. Westminster (Kildare - Wavell)
16. Parkhaven (Kildare - Trinity)
17. Robinson (Fleet - Régal)
18. Guelph (Wentworth - Jellicoe)
19. Fleet (Borden - Cavendish)
20. Baily (Glencrest - Rosedale)
21. Hudson (Kildare - Park Yitzhak Rabin)



# Sewer Sleeving Projects 2018



**Légende / Legend**

**TRAVAUX CIVLS - CIVLS WORKS**  
**Planifié/Planned**

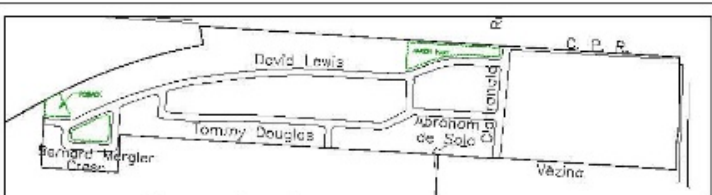
**Réhabilitation**

**Eau usée / Wastewater & Eau Pluviale / Stormwater** █

LOCALISATION DES TRAVAUX DE GAINAGE D'ÉGOUT  
 SEWER PIPES SLEEVING WORKS LOCATION MAP - 2018



ÉCHELLE/SCALE: N.À.É. / N.T.S.  
 2017-12-18  
 Gainage égout 2018.dwg



# Watermain Sleeving 2007-2018



**LÉGENDE / LEGEND:**  
**GAINAGES / SLEEVING**

- C-99-06 - (Deasau-Saraxen en 2006)
- C-99-08 - (Deasau-AquaRehab en 2008)
- C-67-08 - (Tasau-Saraxen en 2008)
- C-07-03 - (2003-Cima-AquaRehab)
- ST1 0-139 - (2010-Rocha-Saraxen)
- C-05-11 - (2011-Deasau-Saraxen)
- C-19-12 - (2012-Deasau-Saraxen)
- C-15-13 - (2013-CIMA-AquaRehab)
- C-05-17P - (2018- Stanteo-AquaRehab)

**RÉFÉCTION COMPLÈTE / NEW PIPE**

- C-09-10 - (CIMA - Caribea en 2010)



Développement urbain / Urban Development  
Division de l'ingénierie / Engineering Division  
5801 boul. Cavendish Blvd., Côte Saint-Luc, Qc. H4W 3C3  
Tel: (514) 485-6800 / Fax: (514) 485-6898

**GAINAGE DE CONDUITES D'AQUEDUC  
WATERMAIN PIPES SLEEVING**  
2007 - 2018

ÉCHELLE/SCALE: N.A. E./N.T.S.	DATE: 2017-12-18
PRÉPARÉ/DESIGNED BY: Serge Rioux	DESSINÉ/DRAWN BY: Serge Rioux
APPROUVÉ/APPROVE BY: Mohammed Ali	DESSIN NO/DWG. NO: WATERMAIN SLEEVING

NO.	DATE	RÉVISION/REVISION

# Buildings and Civic Properties

## \$5.16M

- Samuel Moskovitch Arena - replacement of cooling system for (including possibility of cooling for Confederation Annex)
- City Hall - HVAC system
- Library - chairs and counter
- Urban Development - floors
- ACC - sound baffling for indoor pools
- Public Works - shelter for vehicles

# Professional Services

## \$500k

- Planning and professional services for Kirwan Park renovations
- Planning and professional services for implementation of LED street lights

# Vehicles and Equipment

## \$1.065M

- Six-wheel dump truck (replacing 2004 vehicle)
- Pick-up trucks (replacing 2004 & 2007 vehicles)
- Sidewalk Cleaner - Bombardier (replacing 1973 vehicle)
- Ten-wheeler with Dumper (replacing 1995 vehicle)
- Loader with snow-blower (replacing 1991 loader and 2005 snow-blower)
- Mad-Vac (replacing 2004 vehicle)
- Tractor with salt spreader (replacing 1999 vehicle)

# Parks and Public Spaces

## \$995k

- Trudeau Park upgrades
- Small Park upgrades and playground equipment
- Control of invasive plants
- Revegetation after removal of invasive species
- Purchase of trees



# Trees Felled and Planted 2013-2017

	Trees Felled	Trees Planted	Free Trees Given Out	Deficit
2013-2014	773	0	0	-773
2015	296	69	0	-227
2016	356	277	100	21
2017	170	289	20	139
<b>Total</b>	<b>1,595</b>	<b>635</b>	<b>120</b>	<b>-840</b>

# I.T. and Public Safety

## \$270k

- Access control system
- Switching system upgrade
- Security cameras
- A/V conference room upgrades
- Online certificates - Sierra Library
- Microsoft Office licenses
- Personal computer upgrades
- Wi-Fi consolidation
- Server replacement
- On-Board tablet computers

# Three-Year Plan Gross Expenses

Title	Description	2018	2019	2020
Roads & Traffic	Repairs and resurfacing of sections of roads and sidewalks; Traffic lights-Cavendish corridor	\$1,330,000	\$2,860,000	\$4,600,000
Water & Sewer Infrastructure	Repairs, replacement and rehabilitation of water and sewer mains; Installation of water meters	1,345,000	0	350,000
Buildings & Civil Properties	Samuel Moskovitch Arena; City Hall; ACC	5,160,000	2,787,000	3,400,000
Professional Services	Kirwan Park renovations; LED street lights	\$500,000	200,000	200,000
Vehicles & Equipment	Vehicle & equipment replacements	1,065,000	960,000	840,000
Parks & Public Spaces Improvements	Small parks and public spaces upgrades; Trudeau Park; planting of trees	995,000	2,995,000	570,000
Information Technology and Public Security	Computers and equipment; software; security cameras	270,000	361,000	167,000
<b>Total</b>		<b>\$10,665,000</b>	<b>\$10,163,000</b>	<b>\$10,127,000</b>

# Three-Year Plan Net Expenses

	2018	2019	2020
Capital Expenses	\$10,665,000	\$10,163,000	\$10,127,000
Non-Refundable QST	<u>309,000</u>	<u>507,000</u>	<u>505,000</u>
Capital Projects (net taxes)	10,974,000	10,670,000	10,632,000
Less: Federal/Provincial Grants	(2,255,000)		(2,500,000)
Other Sources of Funding	<u>(2,139,000)</u>	<u>(793,750)</u>	<u>(315,000)</u>
Sub-Total	<u>(4,394,000)</u>	<u>(793,750)</u>	<u>(2,815,000)</u>
<b>Capital Expenses to be Financed</b>	<b>\$6,580,000</b>	<b>\$9,876,250</b>	<b>\$7,817,000</b>

Question period