

TO:	CHAIR AND MEMBERS CORPORATE SERVICES COMMITTEE MEETING ON MAY 11, 2020
FROM:	ANNA LISA BARBON MANAGING DIRECTOR, CORPORATE SERVICES AND CITY TREASURER, CHIEF FINANCIAL OFFICER
SUBJECT:	2019 ANNUAL REPORT ON DEVELOPMENT CHARGES RESERVE FUNDS

RECOMMENDATION

That, on the recommendation of the Managing Director, Corporate Services and City Treasurer, Chief Financial Officer:

- a) the 2019 Annual Report on Development Charges Reserve Funds **BE RECEIVED** for information in accordance with section 43 (1) of the *Development Charges Act, 1997*, which requires the City Treasurer to provide a financial statement relating to development charge by-laws and associated reserve funds;
- b) Civic Administration **BE DIRECTED** to make the 2019 Annual Report on Development Charges Reserve Funds available to the public on the City of London website to fulfill Council's obligation under section 43 (2.1) of the *Development Charges Act, 1997*.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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Corporate Services Committee, June 18, 2019, Agenda Item #2.4, 2018 Annual Report Development Changes Reserve Funds

<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=64817>

Strategic Priorities and Policy Committee, May 6, 2019, Agenda Item #2.3, 2019 Development Charges By-Law & Background Study

<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=62406>

Strategic Priorities and Policy Committee, July 23, 2018, Agenda Item #2.2, 2019 Development Charges Study – UWRF Retirement

<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=47771>

LINK TO 2019-2023 STRATEGIC PLAN

Council's 2019-2023 Strategic Plan for the City of London identifies "Leading in Public Service" as one of four strategic areas of focus. The 2019 Annual Report on Development Charges Reserve Funds supports this strategic area of focus by contributing towards the following strategic outcome: "The City of London is trusted, open, and accountable, in service of our community".

BACKGROUND

The *Development Charges Act, 1997* under section 43 (Statement of treasurer) requires that the City Treasurer provide an annual financial statement to Council relating to development charges (DC) reserve funds and that the Council shall ensure the annual financial statement is made available to the public.

Applicable excerpts of the *Development Charges Act, 1997* are as follows:

Statement of treasurer

- 43. (1) The treasurer of a municipality shall each year on or before such date as the council of the municipality may direct, give the council a financial statement relating to development charge by-laws and reserve funds established under section 33. 1997, c. 27, s. 43 (1).

Requirements

- (2) A statement must include, for the preceding year,
 - (a) statements of the opening and closing balances of the reserve funds and of the transactions relating to the funds;
 - (b) statements identifying,
 - (i) all assets whose capital costs were funded under a development charge by-law during the year,
 - (ii) for each asset mentioned in subclause (i), the manner in which any capital cost not funded under the by-law was or will be funded;
 - (c) a statement as to compliance with subsection 59.1(1); and
 - (d) any other information that is prescribed in the regulations. 2015, c.26, s.7(1).

Statement available to public

- (2.1) The council shall ensure that the statement is made available to the public, c.26,s.7(1).

Copy to Minister

- (3) The treasurer shall give a copy of a statement to the Minister of Municipal Affairs and Housing on request. 2015, c.26, s.7(2).

Appendix A and B of this report meet the requirements as prescribed under section 43 above and subject to Council direction will be made available to the public on the City of London website.

Appendix A provides information on the City Services Reserve Funds (CSRF), which are the reserve funds that accumulate fees collected through development charges for capital works for major city services such as roads, trunk sewers and treatment plants, water, transit, etc. The first page of Appendix A provides a brief description of the works that may be funded from each reserve fund along with a summary of each reserve fund's revenues, expenses and balances for the year.

The subsequent pages of Appendix A provide the following details concerning each CSRF:

- The cumulative approved budget including both total financing from development charge funds and total financing from all other sources (total DC funding is determined each year in advance of tabling capital budgets and takes into account growth splits assigned in the Development Charge Background Study);
- The amount of the 2019 draws from the reserve fund (if any) for each active capital project that involves a commitment from a particular CSRF; and
- Approved debt needed to finance the growth portion where the growth portion cannot be funded from CSRF cash balances on hand (details concerning both issued and unissued debt are provided) as well as any inter-fund loans and interest thereon, for each CSRF service component. This debt represents future commitments against the respective reserve funds.

Appendix B provides information on the Urban Works Reserve Funds (UWRF), which are the reserve funds that accumulate fees collected through development charges for works paid for by a developer related to a specific subdivision, or site specific development, where those works are identified as serving a broader but still localized growth area.

The UWRF account activities reflected in Appendix B include:

- A summary of each reserve fund's revenues (DC levies and interest earned), expenses (capital works, refunds, and DC incentives) and balances for the year; and
- A listing identifying what capital works were paid in 2019 and the type of work involved (roads, sanitary sewer, storm sewer, and/or storm water management facility/pond).

At the Strategic Priorities and Policy Committee meeting on July 23, 2018, Council received the 2019 Development Charges Study – UWRF Retirement report outlining the implementation process for full retirement of the UWRF with the adoption of the 2019 Development Charges By-Law. Based on the recommendations of the report, Council at its meeting on July 24, 2018, resolved:

That on the recommendation of the Managing Director, Development and Compliance Services & Chief Building Official, with the concurrence of the Managing Director, Corporate Services, City Treasurer and Chief Financial Officer, the following actions be taken:

- a) *the implementation process for full retirement of the Urban Works Reserve Funds with the adoption of the 2019 Development Charges By-Law **BE ENDORSED**; and*

b) Civic Administration **BE AUTHORIZED** to conduct the necessary housekeeping adjustments to facilitate the wind-up of the Urban Works Reserve Funds.

On May 21, 2019, Council approved the 2019 Development Charges By-Law and Background Study. Based on these approvals, in August 2019, Civic Administration undertook the necessary steps to wind-up the UWRF. As such all outstanding UWRF obligations are now to be paid from the respective CSRF and all future Annual Development Charges Reserve Funds reports will only contain CSRF activity. The following table summarizes the housekeeping adjustments made to transfer the UWRF balances to the applicable CSRF.

Table 1: Summary of UWRF Balances Transferred to CSRF

Urban Works Reserv Funds	Minor Sanitary Sewers, Storm Sewers, Storm Water Management Facilities and Roadworks	Storm Water Management Facilities - Area 1	Total Urban Works Reserve Funds
Description of services for which Funds' were established to recover growth related costs	Minor Sanitary Sewer collection systems, Storm water collection systems and retention facilities, minor road upgrades (turning lanes, traffic signals, curb & gutter)	Storm water retention facilities - Area 1 (area annexed to City of London in 1993)	
Fund Ending Balance: August 31, 2019	\$7,791,408	\$5,729,216	\$13,520,624
Amount Transferred to CSRF Roads	3,973,619	0	3,973,619
Amount Transferred to CSRF Wastewater	2,103,680	0	2,103,680
Amount Transferred to CSRF Storm Water Management	1,714,109	5,729,216	7,443,325
Total Amount Transferred to CSRFs	\$7,791,408	\$5,729,216	\$13,520,624

*Amounts Subject to Rounding

As part of this report, Civic Administration further notes that the City of London is also in compliance with subsection 59.1(1) of the *Development Charges Act, 1997* as described below.

No additional levies

59.1 (1) A municipality shall not impose, directly or indirectly, a charge related to a development or a requirement to construct a service related to development, except as permitted by this Act or another Act. 2015, c.26, s.8.

CONCLUSION

In accordance with the *Development Charges Act, 1997* it is recommended that this report be received for information and be made available to the public on the City of London's website.

PREPARED BY:	REVIEWED AND CONCURRED BY:
DAVID BORDIN, CPA, CGA MANAGER II, FINANCIAL PLANNING & POLICY	JASON DAVIES, CPA, CMA MANAGER III, FINANCIAL PLANNING & POLICY
REVIEWED AND CONCURRED BY:	RECOMMENDED BY:
KYLE MURRAY, CPA, CA DIRECTOR FINANCIAL PLANNING & BUSINESS SUPPORT	ANNA LISA BARBON, CPA, CGA MANAGING DIRECTOR, CORPORATE SERVICES AND CITY TREASURER, CHIEF FINANCIAL OFFICER

Cc: Paul Yeoman – Director, Development Services
 Jason Senese – Manager, Development Finance
 Kevin Edwards – Manager, Development Finance
 John Millson – Senior Financial Business Administrator
 Bryan Baar – Senior Financial Business Administrator

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

CITY SERVICES RESERVE FUNDS	Wastewater	Stormwater	Roads	Water	Growth Studies	Police	Fire	Parks & Recreation	Transit	Library	Waste Diversion	Operation Centres	Municipal Reserve Funds Total
Description of Service for which Fund was established to recover growth related costs	Sanitary Sewers Treatment Plants, Collection and Pumping Equip.	Major Storm Water Management, Storm Sewers	Road System Upgrades and Expansion of Capacity	Expansion of Water Storage and Distribution System	Growth Related Studies	Police Facilities, Vehicles (>7 yr life), Officer Outfitting Costs	Fire Facilities, Vehicles (>7 yr life), Firefighter Outfitting Costs	Recreational Facilities and Parkland Development	Growth Related Costs Incurred By Transit Services, Facilities, Fleet	Library Facilities and Collections	Waste Diversion Services	Vehicle, Storage and Maintenance Facilities	
Opening Balance: January 1, 2019	\$16,326,434	\$39,387,941	\$78,307,670	\$20,883,844	\$2,288,019	\$419,249	\$1,162,020	\$17,552,225	\$5,789,736	\$3,907,631	\$0	\$0	\$186,024,769
Add:													
Development Charge Revenues	7,723,314	13,118,566	31,353,168	2,780,084	1,115,466	776,291	168,663	4,812,415	657,047	64,368	114,854	151,257	62,835,492
Interest Earned	456,964	1,185,209	2,492,308	608,998	76,037	12,021	33,364	473,541	166,268	104,361	759	1,005	5,610,837
Commercial DC Phase-In Subsidy	6,142	18,108	48,000	2,175	1,710	70	325		916				77,447
Industrial DC Subsidy	1,711,147	2,271,063	4,176,524	1,631,074	128,515	1,992	3,621		125,558			4,622	10,054,116
Institutional DC Subsidy	35,816	129,756	446,324	11,909	15,642	622	2,044		12,531				654,645
Residential DC Subsidy (Note 3)	(7,295)	(11,114)	(27,390)	(2,416)	(996)	(671)	(146)	(4,203)	(647)				(54,879)
Transfer from UWRF (Note 1)	2,103,680	7,443,325	3,973,619										13,520,624
<i>Total Contributions</i>	<i>\$12,029,768</i>	<i>\$24,154,913</i>	<i>\$42,462,553</i>	<i>\$5,031,824</i>	<i>\$1,336,374</i>	<i>\$790,325</i>	<i>\$207,871</i>	<i>\$5,281,753</i>	<i>\$961,673</i>	<i>\$168,729</i>	<i>\$115,614</i>	<i>\$156,884</i>	<i>\$92,698,281</i>
Less:													
Amount Transferred to (from) Capital Fund (Note 2)	11,472,326	14,398,263	14,666,938	1,308,515	241,675	7,734		2,245,345	(16,681)				44,324,114
Debt Servicing Costs/Accrued Interest (Note 2)	3,374,142	3,040,367	1,627,912			702,529		1,247,320					9,992,270
DC Interest (Interim Financing)	306,811	206,674	63,254					53,107					629,847
Refunds	12,491	45,276	155,620	4,152	5,476	215	716		4,367				228,312
<i>Total Disbursements</i>	<i>\$15,165,770</i>	<i>\$17,690,580</i>	<i>\$16,513,724</i>	<i>\$1,312,666</i>	<i>\$247,151</i>	<i>\$710,478</i>	<i>\$716</i>	<i>\$3,545,772</i>	<i>(\$12,315)</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$55,174,542</i>
Closing Balance: December 31, 2019	\$13,190,432	\$45,852,274	\$104,256,498	\$24,603,001	\$3,377,243	\$499,097	\$1,369,175	\$19,288,206	\$6,763,724	\$4,076,360	\$115,614	\$156,884	\$223,548,508
Future drawdowns as of December 31, 2019	\$8,705,338	\$45,972,901	\$98,383,835	\$6,884,269	\$4,362,346	\$43,612	\$323,500	\$16,001,874	\$123,215	\$1,093,300	\$0	\$0	\$181,894,191
December 31, 2019 - Approved projects funded through debt													
Outstanding Principal (at end of 2019) on issued debt where debt payments funded from DC revenues	\$28,852,511	\$23,558,606	\$13,930,527			\$3,442,719		\$9,846,808					\$79,631,171
Authorized but unissued debt (at end of 2019) where debt payments will be funded from DC revenues	\$51,083,161	\$47,565,135	\$11,630,724					\$4,455,600					\$114,734,620

*Amounts Subject to Rounding

Notes:

- As part of the 2019 Development Charges Background Studies, the Urban Works Reserve Funds were retired, with their liabilities and balances transferred to the City Services Reserve Funds.
- "Amount Transferred to (from) Capital Fund" reflects 2019 progress draws against approved capital budgets. "Debt Servicing Costs" reflect 2019 debt payments (principal & interest) against debt issued to finance growth portion of growth related projects. Details of these draws appear on the following
- The negative Residential DC Subsidy amounts pertain to housekeeping adjustments based on life-to-date subsidy reconciliations. Historically, these housekeeping adjustments would be offset by current year activity, but due to Residential DC Incentive program changes there were no current year subsidies for this program in 2019.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM WASTEWATER LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			
		City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)					
ES2204	DC14-WW01006	Colonel Talbot Pumping Station	\$12,466,356	197,400	0	12,268,956	\$0	To construct a new pumping station to handle flows from Talbot, Westfield, Crestwood and Southwinds Pumping Station.
ES2205	DC19WW0006	Byron PS Upgrades	\$1,050,000	0	0	1,050,000	\$0	To increase pumping capacity at the Byron pumping station.
ES2494	DC14WW0005	SS15A Lambeth Growth Area	\$5,000,000	0	2,765,700	2,234,300	\$1,816,977	Construction of a new trunk sanitary sewer extension north of Campbell Street through future subdivision development.
ES2498	DC14-WW00006	SS15C North Talbot Sanitary	\$4,025,754	0	4,025,754	0	\$3,146,169	Construction of a new trunk sanitary sewers on Colonel Talbot Road to connect Talbot Village to new Colonel Talbot Pumping Station.
ES2685	DC14-WW01001	Greenway PCC Expansion	\$44,955,855	15,389,955	5,521,100	24,044,800	\$0	18 MLD expansion and upgrade of the Greenway Wastewater Treatment
ES3083	DC14-WW02003	Infill & Intensification Corridors	\$1,450,122	156,407	1,293,715	0	\$73,958	A contingency amount for the provision of growth triggered sanitary sewer infrastructure as part of scheduled transportation projects.
ES4402	DC 2009	Extension of the Stoney Creek Trunk Sanitary Sewer	\$4,950,058	544,558	4,405,500	0	\$0	Construction of the Stoney Creek Trunk Sanitary Sewer from Trossacks Avenue to the Stackhouse Avenue Crossing of Stoney Creek.
ES5016	DC14-WW01010	Wonderland Pumping Station Optimization	\$356,955	0	356,955	0	\$0	New project for the installation of an additional duty pump at Wonderland Pumping Station.
ES5132	DC14WW1005	East Park PS Upgrade	\$1,653,000	160,000	40,000	1,453,000	\$0	Expand and upgrade existing pumping station to handle additional flow of 18.2 MLD due to industrial growth in southeast London.
ES5133	DC19WW0005	Pottersburg/Vauxhall Transfer PSs	\$5,000,000	500,000	0	4,500,000	\$0	This project will design and construct transfer pumping stations at Pottersburg (flow) and Vauxhall (sludge) in addition to flow equalization at one or both plants to increase capacity.
ES5145	DC14-WW02001	Sanitary Sewer Internal Oversizing Subsidy	\$446,625	12,200	434,425	0	\$26,374	To provide funding source for sanitary sewer oversizing claims by land developers.
ES5146	DC14-WW02002	Infill and Intensification Nodes Sanitary Sewer Servicing	\$614,805	92,317	522,488	0	\$355,005	A contingency amount for the provision of growth triggered sanitary sewer infrastructure.
ES5248	DC14-WW00009	SS13B Wonderland/Bostwick E Growth Area Greenway PCP Sewershed	\$7,501,000	40,000	7,461,000	0	\$940,090	Construction of a trunk sanitary sewer on Wonderland Road South from Hamlyn Street to Wharncliffe Road South at Bostwick Pump Station.
ES5252	DC14-WW00008	KL1B Kilally Growth Area Adelaide PCP Sewershed	\$1,198,600	0	1,198,600	0	\$0	Construction of the Kilally South Trunk from the Edgevalley Phase I Subdivision part way to Kilally Road.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM WASTEWATER LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project		Budget (Approved to end of 2019)					CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
		Total Project Life to date	Sources of Financing			Growth Portion		
			Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)			
ES5253	DC14-WW00002	RB1B Riverbend Growth Area Oxford PCP Sewershed	\$2,117,966	55,966	0	2,062,000	\$0	Extension of the Riverbend Trunk Sanitary Sewer through Phase 2 West Kains Subdivision to Oxford Street West as identified in the Riverbend Sanitary Servicing Study.
ES5256	DC14-WW00007	Exeter Road Trunk Sanitary Sewer (SS12B)	\$3,189,338	246,948	0	2,942,390	\$0	For the extension of municipal sanitary sewer on Exeter Road from Breck Avenue to Meadowgate Boulevard (1,000m) and northerly.
ES5263	DC14-WW01008	Southwest Capacity Improvement	\$20,000,000	0	4,993,613	15,006,387	\$4,803,643	Required to provide growth related servicing to the southwest Area Secondary Plan and other South London areas within the City's urban growth area boundary.
ES5264	DC14-WW01011	Wonderland Pumping Station Upgrade	\$5,000,000	0	0	5,000,000	\$0	Major upgrade of Wonderland Pumping Station.
ES5910	UWRF	UWRF Transition to CSRF - Sewer	\$1,919,000	0	1,919,000	0	\$0	Under the 2019 DC By-law, UWRF projects were transferred to the CSRF.
ES302519	DC19WW1002	Wastewater Servicing Built Area Works (2019-2023)	\$2,346,610	1,464,285	882,325	0	\$0	This project will fund works in the Built Area which replace existing infrastructure and provide a regional benefit to growth.
ES514519	DC19WW1001	Wastewater Internal Oversizing Subsidy (2019-2023)	\$352,663	0	352,663	0	\$0	Annual Program to provide a subsidy to developers who are installing oversized sanitary sewers to service external lands.
ES514819	DC19WW1003	Wastewater Strategic Links (2019-2023)	\$666,147	66,615	599,532	0	\$14,554	Annual program to fund sewers which serve growth areas; are within or cross significant roads, parks, or abut natural areas; and/or within an existing right-of-way.
ES523616	Pre-2014 DC	Foxhollow Trunk Sanitary Sewer	\$600,000	0	600,000	0	\$0	Installation of a new trunk sanitary sewer.
ID1057	DC19WW1000	Industrial Wastewater Servicing Works	\$6,000,100	0	1,000,100	5,000,000	\$281,547	Sanitary servicing of future light and general industrial land to provide an adequate inventory of large block 'shovel ready' land in strategic locations.
ID2058	Pre-2014 DC	Innovation Park - Swr Oversizing Works	\$8,265,000	7,594,400	670,600	0	\$0	To construct trunk sanitary sewers and SWM facilities for Innovation Park (formerly Airport Road South) Industrial Subdivision and related external works.
ID2058-3A	Pre-2014 DC	Innovation Park - Sewer	\$315,000	287,620	27,380	0	\$14,008	To design and construct an extension to the sanitary sewer for Innovation Park.
TOTALS FOR WASTEWATER LEVIES			\$141,440,954	\$26,808,671	\$39,070,450	\$75,561,833	\$11,472,326	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM WASTEWATER LEVIES

Debt Servicing Costs (on debt issued prior to end of 2019)

DETAILS OF DEBT SUPPORTED BY DEVELOPMENT CHARGES - WASTEWATER								
		Capital Project	Debt By-law #	Original Debt Issued for Growth Share	Year of Debt Issue/Retired	Principal outstanding at end of 2019	CSRF debt payment (P&I) on issued debt	Description
ES5013	Pre-2014 DC	Oxford PCP Expansion & Upgrade	D-764-015A	6,997,251	2011/2021	1,399,450	754,608	Debt issued to support DC funded portion of project.
ES5246	Pre-2014 DC	White Oaks Area Servicing	D-767-265	1,700,000	2012/2022	554,759	197,659	Debt issued to support DC funded portion of project.
ES5236	DC 2009	Foxhollow Trunk Sanitary Sewer	D.-769-178	1,440,530	2014/2024	761,656	165,678	Debt issued to support DC funded portion of project.
ES2095	DC 2009	Biosolids Disposal & Optimization Plan	D.-770-84	1,707,100	2015/2025	1,053,386	187,307	Debt issued to support DC funded portion of project.
ES5247	DC14-WW00003	Wonderland Rd South Trunk Sanitary (SS14A)	D.-773-81	2,300,000	2017/2027	1,872,032	259,220	Debt issued to support DC funded portion of project.
ES2685	DC14-WW01001	Greenway PCC Expansion	D.-774-91	14,000,000	2018/2028	12,744,582	1,616,617	Debt issued to support DC funded portion of project.
ES5256	DC14-WW00007	Exeter Rd Trunk Sanitary Sewer	D.-775-80	2,166,646	2019/2029	2,166,646	25,926	Debt issued to support DC funded portion of project.
ES2685	DC14-WW01001	Greenway PCC Expansion	D.-775-80	8,300,000	2019/2029	8,300,000	99,317	Debt issued to support DC funded portion of project.
		Debt Discount General					17,804	
		Accrued Interest					50,005	
TOTALS FOR WASTEWATER - EXISTING DC FUNDED DEBT				\$38,611,527		\$28,852,511	\$3,374,142	

*Amounts Subject to Rounding

DETAILS OF AUTHORIZED UNISSUED DEBT SUPPORTED BY DEVELOPMENT CHARGES - WASTEWATER					
		Capital Project	Authorized but not Issued	Expected Year of Debt Issue	Description
ES2204	DC14-WW01006	Colonel Talbot Pumping Station	12,268,956	2020/2021	Debt to be issued to support DC funded portion of project.
ES2205	DC19WW0006	Byron PS Upgrades	1,050,000	2022	Debt to be issued to support DC funded portion of project.
ES2494	DC14WW0005	SS15A Lambeth Growth Area	2,234,300	2022	Debt to be issued to support DC funded portion of project.
ES2685	DC14-WW01001	Greenway PCC Expansion	1,744,800	2020/2021	Debt to be issued to support DC funded portion of project.
ES5132	DC14WW1005	East Park PS Upgrade	1,453,000	2021	Debt to be issued to support DC funded portion of project.
ES5133	DC19WW0005	Pottersburg/Vauxhall Transfer PSs	4,500,000	2022	Debt to be issued to support DC funded portion of project.
ES5253	DC14-WW00002	RB1B Riverbend Growth Area Oxford PCP Sewershed	2,062,000	2021	Debt to be issued to support DC funded portion of project.
ES5256	DC14-WW00007	Exeter Rd Trunk Sanitary Sewer	763,718	2021	Debt to be issued to support DC funded portion of project.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM WASTEWATER LEVIES

ES5263	DC14-WW01008	Southwest Capacity Improvement	15,006,387	2021	Debt to be issued to support DC funded portion of project.
ES5264	DC14-WW01011	Wonderland Pumping Station Upgrades	5,000,000	2022	Debt to be issued to support DC funded portion of project.
ID1057	DC19WW1000	ILDS Sanitary Servicing Trunk	5,000,000	2020/2021	Debt to be issued to support DC funded portion of project.
TOTALS FOR WASTEWATER - FUTURE DC FUNDED DEBT			\$51,083,161		

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM STORMWATER LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			
City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)							
ES2475	DC14MS0001	Dingman Creek Main Chanel Remediation Works	\$1,100,000	946,000	154,000	0	\$0	To undertake remediation to minimize flooding/erosion, improve conveyance and eliminate existing deficiencies within the main channel of Dingman Creek. Construct a water resources management system to meet the stormwater requirements associated with land use changes and optimize the performance of this system to meet the Provincial water quality and flood control objectives.
ES2681	DC14-MS00013	Mud Creek East Br Stormwater Servicing and Improvements	\$9,259,800	355,067	3,174,212	5,730,521	\$554,188	To undertake remediation works to minimize and eliminate the existing erosion, conveyance and flooding deficiencies of the Mud Creek system, all within the Mud Creek East subwatershed.
ES2682	DC 2009	Dingman Erosion Control & Wetland Remediation Works	\$9,344,333	8,280,833	1,063,500	0	\$409	To undertake remediation works to minimize and eliminate existing flood, erosion and conveyance (capacity) deficiencies for the Dingman Creek Tributary and Dingman Creek main channel within the Dingman Drive Planning Area Study and construct a wetland water resources remediation system.
ES3021	DC14-MS00064	Land (Expropriation Negotiations)	\$900,000	0	900,000	0	\$0	To undertake all necessary engineering, economic and legal assessment to proceed with land expropriation for the identified SWMF.
ES3022	DC19MS0005	Old Oak 2 SWM Facility	\$890,044	0	890,044	0	\$890,044	To undertake the required Municipal Class Environmental Assessment to study, design and construct the Old Oak SWM facility and associated works to service proposed development growth in the vicinity of the White Oak and Dingman Drive
ES3201	DC14-MS00002	Dingman #1 Remediation SWM Flood Control Facility	\$7,455,000	6,713,400	741,600	0	\$3,094	To undertake remediation works to minimize and eliminate existing flooding, erosion and conveyance capacity deficiencies of the Dingman Creek system and construct water resources/SWM remediation works.
ES3202	DC14MS0003	Dingman #2 Remediation SWM Flood Control Facility	\$5,000,000	4,250,900	749,100	0	\$7,007	To undertake remediation works to minimize and eliminate existing flooding, erosion and conveyance capacity deficiencies for the Dingman Creek System and to construct water resources remediation/reclamation system.
ES3203	DC14-MS00007	Hyde Park-Stanton Drain Phase 2	\$287,500	0	287,500	0	\$0	To design and construct Hyde Park/Stanton Drain Remediation works in accordance with the accepted SWMF Municipal Class EA.
ES5425	DC14-MS00063	Interim Works as Identified in Environmental Assessment	\$1,200,000	0	1,200,000	0	\$313	To undertake the required preliminary of storm/drainage and SWM water resources evaluation of existing and future conditions to assess the requirement for the Interim Works identified in EA Studies.
ES5427	DC14-MS00065	Pre-Assumption Monitoring	\$1,000,000	0	1,000,000	0	\$294,991	To undertake the required SWM water quality monitoring to proceed with the city's assumption of SWMF.
ES5428	DC14-MS01002	Infill & Intensification Nodes Storm Sewer Servicing	\$2,756,580	192,980	2,563,600	0	\$1,661,475	To provide a contingency amount for the provision of growth triggered storm sewer infrastructure. Future budget amounts to be verified through detailed engineering studies - Core Area Servicing Study (CASS).
ES5429	DC14-MS01001	Storm Sewer Internal Oversizing Subsidy	\$5,920,674	25,300	5,895,374	0	\$781,573	To provide funding source for storm sewer oversized claims by land developers.
ES5520	DC14-MS00201	Community Growth Trunk Storm Sewer Works	\$3,030,480	0	3,030,480	0	\$267,894	To provide a contingency amount for the provision of major trunk storm sewers along arterial roadways to support growth triggered storm sewer infrastructure. Future budget amounts to be verified through detailed engineering studies.
ES6610	UWRF	UWRF Transition to CSRF-SWM	\$7,514,300	0	7,514,300	0	\$1,052,372	Under the 2019 DC By-law, UWRF projects were transferred to the CSRF.

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FUNDED FROM STORMWATER LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			
				City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)			
ES2681-2	DC19MS0001	Mud Creek East Br Phase 2 (CN to Oxford)	\$2,294,200	1,447,640	846,560	0	\$0	To undertake remediation works to minimize and eliminate the existing erosion, conveyance and flooding deficiencies of the Mud Creek system, all within the Mud Creek East subwatershed. Works include natural channel reconstruction and new triple culvert at Oxford Street.
ES542519	DC19MS0063	Interim Works as Identified in EAs (2019-2023)	\$200,000	0	200,000	0	\$0	To undertake the required preliminary storm/drainage and SWM water resources evaluation of existing and future conditions to assess the requirement for the Interim Works identified in EA Studies.
ES542719	DC19MS0065	Pre-Assumption Monitoring (2019-2023)	\$200,000	0	200,000	0	\$0	To undertake the required SWM water quality monitoring to proceed with the city's assumption of SWMF.
ES542919	DC19MS1001	Storm Swr Internal Oversizing Subsidy (2019-2023)	\$2,554,485	0	2,554,485	0	\$0	To provide funding source for storm sewer oversizing claims by land developers.
ES543519	DC19MS0003	Subwatershed Impact Monitoring (2019-2023)	\$250,000	0	250,000	0	\$0	To conduct water quality and quantity monitoring in subwatersheds that will experience significant growth in the next 20 years, all to support requirements of comprehensive Stormwater Management Environmental Compliance Approvals that will be issued by the Ministry of Environment, Conservation and Parks.
ES543619	DC19MS1002	Storm Sewer Built Area Works (2019-2023)	\$4,884,184	2,173,462	2,710,722	0	\$0	To fund growth-triggered storm sewer infrastructure within the Built Area Works limits.
ES543819	DC19MS1003	Low Impact Development (2019-2023)	\$2,709,766	0	2,709,766	0	\$0	This project supports the installation of linear low impact development features within the municipal right of way for new single family residential subdivisions, all in accordance with the local servicing policies of the 2019 Development Charges Study. Linear LIDs include third pipe systems, rain gardens, or infiltration swales. These systems support groundwater recharge and reduce the volume and peak flow of Stormwater runoff.
ES552019	DC19MS1000	Community Growth Trunk Storm Sewer Works (2019-2023)	\$652,102	0	652,102	0	\$0	To provide a fund for the provision of major trunk storm sewers along arterial roadways to support growth triggered storm sewer infrastructure. Future budget amounts to be verified through detailed engineering studies.
ES3020-FH1	DC14-MS00006	SWM Facility - Foxhollow 1	\$4,785,200	259,678	2,059,034	2,466,488	\$0	Design and construction of SWM Pond. This project is now closed.
ES3020-FH3	Pre-2014 DC	SWM Facility - Fox Hollow 3	\$7,945,996	237,604	1,978,323	5,730,069	\$0	Design and construction of SWM Pond.
ES3020-HP6	DC 2009	SWM Facility - Hyde Park 6	\$2,416,700	99,306	2,317,394	0	\$15,652	Design and construction of SWM Pond.
ES3020-PD2	DC 2009	SWM Facility - Pincombe Drain 2	\$2,456,700	101,039	0	2,355,661	\$0	Design and construction of SWM Pond.
ES3020-RVBTC	DC14-MS00032	SWM Facility - River Bend Tributary C	\$13,906,700	89,900	2,596,800	11,220,000	\$500,000	Design and construction of SWM Pond.
ESSWM-SB	DC14-MS00041	SWM Facility - Wickerson No. S-B	\$2,787,549	143,400	698,149	1,946,000	\$0	Design and construction of SWM Pond.
ESSWM-FH1	DC14MS0006	SWM Facility - Fox Hollow	\$3,700,000	0	3,700,000	0	\$2,655,832	Design and construction of SWM Pond.
ESSWM-DCB4	DC14-MS00005	SWM Facility - Dingman Creek No. B4	\$3,638,342	0	1,519,206	2,119,136	\$1,300,000	Design and construction of SWM Pond.
ESSWM-HP5	DC14-MS00008	SWM Facility - Hyde Park #5	\$6,517,700	289,667	1,916,557	4,311,476	\$19,678	Design and construction of SWM Pond.
ESSWM-LPH	DC14MS0011	SWM Facility - London Psychiatric Hospital	\$3,954,100	0	1,954,100	2,000,000	\$0	Design and construction of SWM Pond.
ESSWM-MM2	DC14-MS00015	SWM Facility - Murray Marr #2	\$4,400,000	0	0	4,400,000	\$0	Design and construction of SWM Pond.
ESSWM-MM4	DC14-MS00016	SWM Facility - Murray Marr #4	\$2,100,000	94,600	2,005,400	0	\$0	Design and construction of SWM Pond.
ESSWM-OV1	DC14-MS00026	SWM Facility - Old Victoria #1	\$3,085,061	10,700	3,074,361	0	\$18,658	Design and construction of SWM Pond.
ESSWM-PD3	DC14-MS00029	SWM Facility - Pincombe Drain No. 3	\$3,502,200	0	3,026,201	475,999	\$1,989,812	Design and construction of SWM Pond.
ESSWM-PD4	DC14MS0030	SWM Facility - Pincombe Drain No. 4	\$354,000	0	354,000	0	\$0	Design and construction of SWM Pond.
ESSWM-PDR	DC14-MS00028	SWM Facility - Pincombe Drain Remediation	\$4,300,000	787,500	937,500	2,575,000	\$0	Design and construction of SWM Pond.
ESSWM-PKR	DC14-MS00027	SWM Facility - Parker	\$7,339,000	1,284,000	5,351,924	703,076	\$1,546,320	Design and construction of SWM Pond.

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CAPITAL FUND TRANSFERS ADDENDUM								
Budget (Approved to end of 2019)								
Capital Project			Total Project Life to date	Sources of Financing		CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description	
				Tax/Rate Supported plus Other Sources	Growth Portion			
					City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
ESSWM-SC2	DC14-MS00035	SWM Facility - Stoney Creek No. 2	\$2,099,000	0	1,000,000	1,099,000	\$820,505	Design and construction of SWM Pond.
ESSWM-SC8	DC14MS0036	SWM Facility - Stoney Creek No. 8	\$230,000	0	230,000	0	\$0	Design and construction of SWM Pond.
ESSWM-WO3	DC14MS0039	SWM Facility - White Oaks #3	\$425,000	0	425,000	0	\$43,698	Design and construction of SWM Pond.
ESSWM-NLP7	DC14-MS00023	SWM Facility - North Lambeth No. P7	\$3,850,000	0	3,850,000	0	\$5,164	Design and construction of SWM Pond.
ESSWM-NLP8	DC14MS0024	SWM Facility - North Lambeth No. P8	\$550,000	0	550,000	0	\$6,827	Design and construction of SWM Pond.
ESSWM-KILSE	DC14MS0009	SWM Facility - Kilally SE	\$250,000	0	250,000	0	\$127,446	Design and construction of SWM Pond.
ESSWM-DCNLP9	DC14-MS00025	SWM Facility - North Lambeth No. P8	\$7,226,927	0	2,187,185	5,039,742	\$0	Design and construction of SWM Pond.
ESSWMSD6A	Pre-2014 DC	SWM Facility - Sunningdale 6A	\$1,800,000	0	1,800,000	0	\$0	Design and construction of SWM Pond. This project is now closed.
ID1090	DC19MS0200	Industrial Storm Trunk Sewer Works	\$1,733,400	0	600,000	1,133,400	\$0	Storm servicing of future light and general industrial land to provide an adequate inventory of large block "shovel ready" land in strategic locations.
ID2095	DC19MS0100	Industrial SWM Ponds	\$6,078,523	0	1,767,314	4,311,209	(\$164,689)	SWM servicing of future light and general industrial land to provide an adequate inventory of large block 'shovel ready' land in strategic locations.
ID2095FCS	DC14-MS00053 TO MS00060	Forest City South Industrial Servicing	\$250,000	0	250,000	0	\$0	Storm servicing of future light and general industrial land to provide an adequate inventory of large block "shovel ready" land in strategic locations.
ID2095OXF	DC14-MS00053 TO MS00060	Oxford Business Park Servicing	\$340,733	0	340,733	0	\$0	Storm servicing of future light and general industrial land to provide an adequate inventory of large block "shovel ready" land in strategic locations.
TOTALS FOR STORMWATER LEVIES			\$171,426,279	\$27,782,976	\$86,026,526	\$57,616,777	\$14,398,263	

*Amounts Subject to Rounding

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FUNDED FROM STORMWATER LEVIES

Debt Servicing Costs (on debt issued prior to end of 2019)

DETAILS OF DEBT SUPPORTED BY DEVELOPMENT CHARGES - STORMWATER								
Capital Project			Debt By-law #	Original Debt Issued for Growth Share	Year of Debt Issue/Retired	Principal outstanding at end of 2019	CSRF debt payment (P&I) on issued debt	Description
ES3020	Pre-2014 DC	SWM Ponds-Sunningdale #4, Foxhollow E2	D-0765-016	5,000,000	2011/2021	1,102,536	580,599	Debt issued to support DC funded portion of project.
ES3020-FHE2	Pre-2014 DC	SWM Ponds-Foxhollow E2	D.767-265	943,000	2012/2022	307,728	109,643	Debt issued to support DC funded portion of project.
ES3020-HP1B1	Pre-2014 DC	SWM Ponds-Hyde Park 1B1	D-0768-283	2,100,000	2013/2023	906,318	250,450	Debt issued to support DC funded portion of project.
ES3020-UPNB2	DC 2009	SWM Ponds-Uplands North	D-0768-283	1,600,000	2013/2023	690,528	190,819	Debt issued to support DC funded portion of project.
ES3020-HD	DC 2009	SWM Facility - Heard Drain	D0769-178	4,391,635	2014/2024	2,322,004	505,091	Debt issued to support DC funded portion of project.
ES3020-FH1	DC14-MS00006	SWM Facility - Fox Hollow #1	D770-84	2,402,000	2015/2025	1,482,182	263,553	Debt issued to support DC funded portion of project.
ES3020-HP4	DC14-MS00007	SWM Facility - Hyde Park #4	D-770-84	4,150,900	2015/2025	2,561,362	455,447	Debt issued to support DC funded portion of project.
ES2477	DC 2009	Stoney Creek Remediation	D771-79	2,331,500	2016/2026	1,681,098	259,085	Debt issued to support DC funded portion of project.
ESSWM-SB	DC14-MS00041	SWM Facility - Wickerson No. S-B	D774-91	1,946,000	2018/2028	1,771,497	224,710	Debt issued to support DC funded portion of project.
ES3020-RVBTC	DC14-MS00032	SWM Facility - River Bend Tributary C	D775-80	6,027,795	2019/2029	6,027,795	72,128	Debt issued to support DC funded portion of project.
ES3020-FH3	Pre-2014 DC	SWM Facility - Fox Hollow #3	D775-80	4,705,559	2019/2029	4,705,559	56,306	Debt issued to support DC funded portion of project.
		Debt Discount					20,443	
		Accrued Interest					52,093	
TOTALS FOR STORMWATER - EXISTING DC FUNDED DEBT				\$35,598,389		\$23,558,606	\$3,040,367	

*Amounts Subject to Rounding

DETAILS OF AUTHORIZED UNISSUED DEBT SUPPORTED BY DEVELOPMENT CHARGES - STORMWATER					
Capital Project			Authorized but not Issued	Expected Year of Debt Issue	Description
ES2681	DC14-MS00013	Mud Creek Erosion	8,024,721	2022	Debt to be issued to support DC funded portion of project.
ID1090	DC19MS0200	ILDS Storm Servicing	1,133,400	2021	Debt to be issued to support DC funded portion of project.
ID2095	DC19MS0100	ILDS Stormwater Management Servicing	4,311,209	2021	Debt to be issued to support DC funded portion of project.
ESSWM-HP5	DC14-MS00008	SWM Facility- Hyde Park 5	4,311,476	2021	Debt to be issued to support DC funded portion of project.
ESSWM-LPH	DC14MS0011	SWM Facility - London Psychiatric Hospital	2,000,000	2022	Debt to be issued to support DC funded portion of project.
ESSWM-MM2	DC14-MS00015	SWM Facility - Murray Marr #2	4,400,000	2023	Debt to be issued to support DC funded portion of project.
ESSWM-PD3	DC14-MS00029	SWM Facility - Pincombe Drain No. 3	475,999	2021	Debt to be issued to support DC funded portion of project.
ESSWM-PDR	DC14-MS00028	SWM Facility - Pincombe Drain Remediation	2,575,000	2022	Debt to be issued to support DC funded portion of project.
ESSWM-PKR	DC14-MS00027	SWM Facility - Parker	703,076	2021	Debt to be issued to support DC funded portion of project.
ESSWM-SC2	DC14-MS00035	SWM Facility - Stoney Creek No. 2	2,099,000	2021	Debt to be issued to support DC funded portion of project.
ES3020-FH3	Pre-2014 DC	SWM Facility - Fox Hollow 3	1,024,510	2021	Debt to be issued to support DC funded portion of project.
ES3020-PD2	DC 2009	SWM Facility - Pincombe Drain	2,355,661	2021	Debt to be issued to support DC funded portion of project.
ESSWM-DCB4	DC14-MS00005	SWM Facility - Dingman Creek No. B-4	3,419,136	2021	Debt to be issued to support DC funded portion of project.
ES3020-RVBTC	DC14-MS00032	SWM Facility - Riverbend Tributary C	5,692,205	2021	Debt to be issued to support DC funded portion of project.
ESSWM-DCNLP9	DC14-MS00025	SWM Facility - Dingman Creek North Lambeth No. P9	5,039,742	2020	Debt to be issued to support DC funded portion of project.
TOTALS FOR STORMWATER - FUTURE DC FUNDED DEBT			\$47,565,135		

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CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project		Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description	
		Total Project Life to date	Sources of Financing					
			Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)			
TS1134	DC14RS0077	Intersection - Richmond St & Fanshawe Park Rd	\$3,950,000	395,000	3,555,000	0	\$42,569	Geometric design improvements required to improve traffic capacity and levels of service. Project co-ordinated with Bus Rapid Transit. Construction in 2022 subject to approvals and land acquisition.
TS1306	DC14RS0056	Adelaide Street Grade Separation CPR Tracks	\$20,350,000	14,652,140	5,697,860	0	\$525,777	Introduction of a grade separation for Adelaide Street traffic to continue to flow while the operations for the railway may continue normal operations; railway company cost apportionment is approximately 15%.
TS1308	DC14RS0013	Hwy 401 Interchange Projects	\$20,000,000	7,192,000	7,808,000	5,000,000	\$0	Project represents City's contribution to agreement with Province to reconstruct four interchanges at the 401 and major City arteries: Wonderland Road, Veterans Memorial Parkway, Highbury Ave, and Colonel Talbot Road.
TS1309	DC14RS0075	Intersection - Hamilton Road & Highbury Ave.	\$990,000	152,500	837,500	0	\$0	Geometric design improvements required to improve traffic capacity and levels of service. EA accepted by Council on June 12, 2018. Preliminary solution requires additional property and construction funds.
TS1328	DC14RS0051	Intersection - Hamilton Rd & Egerton St (Optimization)	\$1,718,800	214,850	1,503,950	0	\$0	Intersection improvements at Hamilton and Egerton Roads, including a left turn lane. Constructing 2 lane urban arterial cross section in 2023.
TS1335	DC19RS0015	Intersection - Sunningdale - Hyde Park	\$358,918	44,865	314,053	0	\$154,323	To improve the intersection of Sunningdale and Hyde Park. The work includes installing a two lane roundabout in 2021, based on the Environmental Assessment preferred alternative.
TS1371	DC14-RS00063	Road Class Oversizing	\$500,000	14,800	485,200	0	\$17,565	At times new development is required to construct a roadway to a larger capacity than required for the local development. This project makes provisions for such works.
TS1406	DC14RS0204	Sunningdale-South Wenige to Highbury Upgrades	\$437,200	48,100	389,100	0	\$0	To convert Sunningdale Rd - South Wenige to Highbury Ave from a rural cross section to an urban cross section with the addition of sidewalks, curbs, drainage, streetlights, channelization and bike lanes.
TS1408	DC14RS0206	Wickerson-Southdale to 650M N of Southdale	\$2,579,500	335,300	2,244,200	0	\$784	Reconstruct Wickerson to resolve structural and alignment deficiencies.
TS1409	DC14-RS00215	Kilally Upgrades at Webster - Phase 1	\$2,695,000	350,400	2,344,600	0	\$416,859	To reconstruct Kilally and Webster to resolve alignment deficiencies at intersection.
TS1410	DC14RS0221	Huron Street Upgrades VMP Easterly to Railway	\$1,794,400	246,232	1,548,168	0	\$0	To reconstruct Huron Street - VMP easterly to railway to resolve structural deficiencies and support industrial development. Constructing 2 lane rural arterial cross section in 2019. To be co-ordinated with VMP Extension (TS1621-1) and development needs.
TS1470	DC14-RS00004	Commissioners Rd Widening - Viscount to Wonderland Road	\$14,292,262	1,648,024	12,644,238	0	(\$1,745)	Widen Commissioners Road West from Viscount Road to Wonderland Road from 2 to 5 lanes.
TS1476	DC14RS0025	Clarke Rd Widening VMP Extension to Fanshawe Park Rd	\$593,063	17,863	575,200	0	\$20,069	To widen Clarke Road from 2 to 4 through lanes from VMP Extension to Fanshawe Park Road.
TS1484	DC14-RS00008	Sarnia Rd Widening-Wonderland Road to Sleightholme	\$10,209,820	942,526	9,267,294	0	\$0	Widen Sarnia Road from 3 to 4 lanes from Wonderland Road to Sleightholme.

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CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
TS1487	DC14-RS00205	Wonderland Rd Two Lane Upgrade Hwy 401 to Hwy 402	\$10,395,000	1,351,300	9,043,700	0	\$1,096,715	To improve Wonderland Rd from Hwy 401 to Hwy 402. Improvements are 2 lane rural arterial cross section.
TS1489	DC14-RS00011	Western Road Widening - Platts Lane to Oxford St.	\$27,792,018	6,154,118	15,637,900	6,000,000	\$468,887	Widen Western Road from Platts Lane to Oxford Street from 2 lanes to 4 lanes including a continuous left turn lane as well as widening the CP railway subway.
TS1490	DC14RS0220	Wilton Grove Upgrades	\$12,551,000	2,547,216	10,003,784	0	\$2,907,081	To reconstruct Wilton Grove Road - Commerce to City limits to resolve structural deficiencies and support industrial growth.
TS1522	DC19RS0006	Intersection- Dingman - White Oak Rd (Roundabout)	\$113,760	14,220	99,540	0	\$57,936	Dingman Drive and White Oak Road intersection is currently an all-way stop controlled intersection. The EA assignment will identify and confirm the roundabout conceptual design and the appropriate right-of-way and property requirements to accommodate the geometric design of the intersection.
TS1576	DC19RS0007	Intersection-Exeter-Wellington Improvements	\$2,000,000	250,000	1,750,000	0	\$103,598	This project is for improvements to the Wellington Road/ Exeter Road intersection and replacement of underground services.
TS1626	DC19RS0207	Southdale Rd Upgrades Wickerson to Westdel Bourne	\$201,440	26,240	175,200	0	\$0	To reconstruct Southdale Rd - Westdel Bourne to Wickerson to resolve structural and alignment deficiencies.
TS1627	DC14RS076a	Philip Aziz - Western Rd to Thames River	\$2,490,000	249,000	2,241,000	0	\$0	Philip Aziz improvement project including new storm sewer system driven by growth and redevelopment in the area.
TS1633	DC14-RS00066	Veterans Memorial Parkway	\$1,640,000	112,800	1,527,200	0	(\$35,073)	Land acquisition for long term future construction of interchanges on Veterans Memorial Parkway.
TS1636	DC19RS1008	Advanced Purchase of Land (2019-2023)	\$440,000	0	440,000	0	\$0	Land acquisition and protection of growth projects predominantly for long term future construction along arterials.
TS1651	DC14-RS00067	Minor Roadworks - Channelization	\$3,477,525	214,730	3,262,795	0	\$720,580	To provide arterial road improvements.
TS1652	DC14-RS00068	Minor Roadworks - Miscellaneous Works	\$89,100	0	89,100	0	\$0	To provide arterial road improvements.
TS1653	DC14-RS00069	Minor Roadworks - Sidewalks	\$925,847	0	925,847	0	\$18	To provide arterial road improvements.
TS1654	DC14-RS00070	Minor Roadworks - Streetlights	\$1,767,171	0	1,767,171	0	\$44,553	To provide arterial road improvements.
TS1655	DC14-RS00071	Minor Roadworks - New Traffic Signals	\$1,546,880	0	1,546,880	0	\$1,565	To provide arterial road improvements.
TS1656	DC14-RS00072	Minor Roadworks - Roundabouts	\$450,000	0	450,000	0	\$111,932	To provide arterial road improvements.
TS1746	DC19RS0001	Dingman Dr - Hwy 401 Bridge to Wellington	\$113,760	9,215	104,545	0	\$61,762	To widen Dingman Drive from just east of the Highway 401 overpass to 150m east of Wellington Road from two to four through lanes.
TS1767	Pre-2014 DC	Bicycle Detection Signals at 4 Intersections - PTIF	\$100,000	75,000	25,000	0	\$0	The standard induction loop vehicle detection works well for automobiles but does not consistently detect bicycles. This project would upgrade four (4) intersections with improved bicycle detection thereby improving the City's cycling network and facilitating additional active transportation trips that connect cyclists to the City's transit network.

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FUNDED FROM ROAD LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			
		City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)					
TS2170	2009 DC	Bradley from Old Victoria to City Limits	\$2,350,000	1,504,800	845,200	0	\$0	Upgrade Bradley Ave from Old Victoria Road to city limits to a 2 lane rural arterial cross section.
TS2171	2009 DC	Old Victoria from Hamilton to Hwy 401	\$2,110,000	283,300	1,826,700	0	\$0	Upgrade Old Victoria Road from Hamilton to Hwy 401 to a 2 lane rural arterial cross section. Roadway improvements on roadways adjacent to the VMP Area Industrial Park to accommodate the increased traffic and structural/alignment deficiencies.
TS4160	2009 DC Study	Urban Intersections Growth	\$1,259,000	187,700	1,071,300	0	\$5,252	This project is for the installation of new traffic signals, pedestrian signals and street lights to improve safety and mobility of both vehicles and pedestrians.
TS4165	DC14RS0074	Traffic Signals & Street Light Growth Urban Intersections	\$1,616,000	0	1,616,000	0	\$46,791	Installation of new traffic signals, pedestrian signals and street lights to improve safety and mobility of both vehicles and pedestrians.
TS5910	UWRF	UWRF Transition to CSRF - Roads	\$1,668,000	0	1,668,000	0	\$765,854	Under the 2019 DC By-law, UWRF projects were transferred to the CSRF.
TS126416	Pre-2014 DC	2016 Rural Intersection	\$162,548	0	162,548	0	\$0	To improve selected rural intersections throughout the City to ensure adequate capacity and levels of safety. This project is now closed.
TS126417	DC14-RS00063	2017 Rural Intersection	\$508,470	0	508,470	0	\$2,033	To improve selected rural intersections throughout the City to ensure adequate capacity and levels of safety.
TS126418	DC14-RS00063	2018 Rural Intersection	\$125,040	0	125,040	0	\$2,033	To improve selected rural intersections throughout the City to ensure adequate capacity and levels of safety.
TS126419	DC19RS1006	Rural Intersection (2019-2023)	\$400,000	0	400,000	0	\$0	To improve selected rural intersections throughout the City to ensure adequate capacity and levels of safety.
TS1302-1	DC14RS0055	Commissioners Road West - Cranbrook to Springbank	\$300,000	0	300,000	0	\$0	Widen Commissioners Road West from Cranbrook Road to Springbank Drive from 2 to 4 lanes.
TS1348-1	DC14RS0023	Wonderland Road Widening Riverside Dr to Springbank Dr	\$1,009,500	70,700	938,800	0	\$275,072	To widen Wonderland Road from Commissioners Rd. to Sarnia Rd.
TS1349-2	DC14-RS00202	Sarnia Rd. Widening - Hyde Park Road to Wonderland Rd.	\$7,910,000	1,348,800	6,561,200	0	\$68,097	To improve Sarnia Road from Wonderland Road to Hyde Park Road including replacement of CPR Bridge. This remaining phase includes the improvement of Sarnia Rd to a 2 lane urban cross section from CPR Bridge to Hyde Park Road in 2017.
TS1353-2	DC14RS0019	Adelaide Street North - Fanshawe Park Rd to Sunningdale Rd	\$357,647	32,188	325,459	0	\$149,946	Phase 1, 2-lane urbanization, completed previously - Phase 2 is a four-lane widening. Construction in 2021. The construction project would also coordinate with the proposed roundabout at Sunningdale & Adelaide as recommended in the Sunningdale Rd EA.
TS1355-1	DC14RS0018	Wharnccliffe Road Widening - Becher Street to Springbank Drive	\$16,427,500	6,140,658	10,286,842	0	\$867,611	To improve operational movement of Wharnccliffe Rd from Becher St to Springbank Drive 3 to 4 lanes including reconstruction of CNR Grade Separation. EA approval occurred February 2018. Construction to begin after design and property acquisition and likely after 2020.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM ROAD LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)			CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description	
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			
			City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)				
TS1355-2	DC14-RS00014	Wharnccliffe Road Improvements	\$6,563,750	2,200,750	4,363,000	0	(\$174,307)	To provide operational improvements to Wharnccliffe Road S - Becher Street to Commissioners Rd to improve safety and implement the visions provided by the Official Plan.
TS137119	DC19RS1009	Road Class Oversizing City Share (2019-2023)	\$200,000	0	200,000	0	\$0	The Development Charges Act requires the identification and the separate funding of those components of the project that benefit existing infrastructure brought about by the undertaking of engineering growth works. This benefit represents the improvements in service levels and/or improved life cycles creditable to a specific piece of infrastructure.
TS1407-1	DC19RS0207	Southdale Road Upgrade - Ph. 1 Fill Requirement - Wickerson to Bramblewood					(\$99,082)	To reconstruct Southdale Rd - Wickerson Rd to Bramblewood to resolve structural and alignment deficiencies. This project has been consolidated into TS1407-2.
TS1407-2	DC19RS0207	Southdale Road - Wickerson Rd to Byronhills Dr	\$6,792,500	779,730	6,012,770	0	\$12,984	To reconstruct Southdale Rd - Wickerson Rd to Byronhills to resolve structural and alignment deficiencies.
TS1430-1	DC19RS0304	RT 1: Wellington Gateway (PTIF) Wellington Rd - Bradley to Horton	\$4,308,592	1,942,764	2,365,828	0	\$207,306	Road widening of Wellington Road from Bradley Avenue to Horton Street for Rapid Transit.
TS1430-2	DC14RS0102	RT 2: North Connection (PTIF) Fanshawe Park Road to Raymond Ave	\$4,636,249	2,090,225	2,546,024	0	\$662,775	Road widening of Richmond Street from Fanshawe Park Road to Raymond Avenue for Rapid Transit.
TS1430-3	DC14RS0103	RT 3: East London Link (PTIF) Highbury Ave - Dundas St to Oxford St	\$2,868,330	1,381,457	1,486,873	0	\$547,739	Road widening of Highbury Ave from Dundas Street to Oxford Street for Rapid Transit.
TS1430-4	DC14RS0104	RT 4: East London Link (PTIF) Dundas St - Adelaide St to Highbury Ave	\$311,943	140,343	171,600	0	(\$169,098)	Road widening of Dundas Street from Adelaide to Highbury Ave for Rapid Transit.
TS1430-5	DC14RS0105	RT 5: East London Link (PTIF) Oxford St - Highbury Ave to Clarke Rd	\$232,916	100,225	132,691	0	(\$79,263)	Road widening of Oxford St from Highbury Ave to Clarke Road for Rapid Transit.
TS1430-6	DC14RS0106	RT 6: West Connection (PTIF) Oxford St W - Hyde Park Rd to Richmond St	\$1,518,401	747,152	771,249	0	(\$194,256)	Road widening of Oxford St W. from Hyde Park Road to Richmond Street for Rapid Transit.
TS1430-7	DC14RS0107	RT 7: Downtown Loop (PTIF) Richmond St - Raymond Ave to York St	\$1,063,225	547,561	515,664	0	\$11,544	Road widening of Richmond Street from Raymond Ave to York Street for Rapid Transit.
TS1430-8	DC14RS0108	RT 8: East London Link (PTIF) York St - Richmond St to Colborne St	\$76,833	18,924	57,909	0	\$22,028	Road optimizations on York Street from Richmond Street to Colborne Street for Rapid Transit.
TS1430-9	DC14RS0109	RT 9: East London Link (PTIF) Colborne St - York St to Dundas St	\$61,569	17,855	43,714	0	\$6,414	Road optimizations on Colborne Street from York Street to Dundas Street for Rapid Transit.
TS1430-10	DC14-RS00110	RT 10: East London Link (PTIF) Dundas St - Colborne St to Adelaide St	\$61,569	17,855	43,714	0	\$14,592	Road optimizations on Dundas Street from Colborne to Adelaide Street for Rapid Transit.
TS1430-11	DC14RS0111	RT 11: Wellington Gateway (PTIF) Wellington Rd - Horton St to York St	\$36,644	10,770	25,874	0	\$6,871	Road optimizations on Wellington Road from Horton Street to York Street for Rapid Transit.
TS1430-12	DC14TS0001	RT 12: Downtown Loop (PTIF)	\$55,604	29,333	26,271	0	\$26,271	Downtown terminal serving rapid transit. Project concept, location and phasing to be developed through EA and related studies.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
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FOR THE 2019 YEAR**

FUNDED FROM ROAD LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			
		City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)					
TS1475-2	DC14-RS00007	Fanshawe Park Road E. Widening-Ph 2 Adelaide to Highbury	\$15,460,000	1,351,000	5,109,000	9,000,000	\$0	Widen Fanshawe Park Rd. E. from two lanes to 4 lanes from Adelaide Street N. to McLean Drive.
TS1477-2	DC14RS0015	Hyde Park Road Widening - Phase 2 CP Rail Crossing to Fanshawe Park Rd.	\$15,575,802	1,741,002	13,834,800	0	\$174,113	To widen Hyde Park Road from 2 to 4 lanes from CP Rail Crossing to Fanshawe Park Road.
TS1477-3	DC14RS0015	Hyde Park Road - Oxford Intersection Improvements	\$310,000	24,800	285,200	0	\$0	Intersection improvements at Hyde Park Road and Oxford Street. Project deferred due to network need and development consideration.
TS1481-1	Pre-2014 DC	Wellington Rd. Widening - Ph 1 Commissioners Rd to Southdale Rd	\$593,507	218,203	375,304	0	\$0	To widen and reconfigure Wellington Road with 6 through lanes, centre turn lane and southbound right turn lanes.
TS1496-2	DC14-RS00002 & DC14-RS00016	Sunningdale Road Widening - Phase 2 Intersection Upgrades	\$4,294,260	964,360	3,329,900	0	\$132,137	Widen and upgrade Sunningdale Road from Wonderland to Adelaide. Phase 2 consists of 2 intersection upgrades, Richmond/Sunningdale and Wonderland/Sunningdale in 2014.
TS1496-3	DC14RS0017	Sunningdale Road - Wonderland Rd 150m W of Richmond St	\$2,028,425	127,105	1,901,320	0	\$24,048	Widen and upgrade Sunningdale Road from Wonderland to 150m west of Richmond from 2 lanes to 4 lanes.
TS1523-1	DC14-RS00012	Bradley Ave Extension, Phase 1 Wharnccliffe Rd to Wonderland Rd.	\$12,264,375	0	3,633,651	8,630,724	\$0	Extension of Bradley Avenue from White Oak Road to Bostwick Road.
TS1523-2	DC14RS0022	Bradley Ave Extension, Phase 2 Jalna to Wharnccliffe	\$1,297,106	0	1,297,106	0	\$96,276	Extension of Bradley Avenue from Jalna Boulevard to Wharnccliffe Road.
TS1621-1	DC14RS0009	Veterans Memorial Parkway - Huron St to Clarke Rd	\$12,376,900	768,380	11,608,520	0	\$0	Construct a new 4 lane road - Veterans Memorial Parkway from Huron Street to Clarke Road.
TS1629-1	DC14RS0030	Southdale Road West - Bostwick to Pine Valley	\$500,533	44,998	455,535	0	\$36,081	To widen Southdale Rd W. from Bostwick to Pine Valley from 2 to 4 lanes with center turn lane in 2022.
TS1629-2	DC14RS0038	Southdale Road West - Bostwick to Colonel Talbot	\$111,222	8,898	102,324	0	\$0	To widen Southdale Rd W. from Bostwick to Colonel Talbot from 2 to 4 lanes.
TS165119	DC19RS1001	Minor Roadworks - Channelization (2019-2023)	\$839,870	0	839,870	0	\$0	To provide arterial road improvements in response to development needs.
TS165319	DC19RS1002	Minor Roadworks - Sidewalks (2019-2023)	\$444,400	0	444,400	0	\$0	To provide arterial road improvements in response to development needs.
TS165419	DC19RS1003	Minor Roadworks - Streetlights (2019-2023)	\$619,585	0	619,585	0	\$0	To provide arterial road improvements in response to development needs.
TS165519	DC19RS1004	Minor Roadworks - Traffic Signals (2019-2023)	\$942,500	0	942,500	0	\$0	To provide arterial road improvements in response to development needs.
TS173916	DC14-RS00073	2016 Cycling Facilities Program	\$987,394	493,697	493,697	0	\$41,365	To introduce bike lanes to roadways and other cycling facilities in accordance with the City's Bicycle Master Plan.
TS173917	DC14-RS00073	2017 Cycling Facilities Program	\$790,170	395,085	395,085	0	\$22,237	To introduce bike lanes to roadways and other cycling facilities in accordance with the City's Bicycle Master Plan.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM ROAD LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			
		City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)					
TS173918	DC14-RS00073	2018 Cycling Facilities Program	\$642,800	321,400	321,400	0	\$0	To introduce bike lanes to roadways and other cycling facilities in accordance with the City's Bicycle Master Plan.
TS173919	DC19RS1007	Active Transportation (2019-2023)	\$2,673,876	1,332,213	1,341,663	0	\$245,212	To introduce bike lanes to roadways and other cycling facilities in accordance with the City's Bicycle Master Plan.
TS180219	DC19RS1010	Strategic Links (2019-2023)	\$1,338,000	0	1,338,000	0	\$0	Staff identified road connections that are strategically important to link to the transportation collector and arterial network in the City.
TS180519	DC19RS1011	TIMMS - PTIS - Transportation Intelligent Mobility Mngmt System	\$2,356,200	1,790,641	565,559	0	\$112,981	To provide an integrated solution to support the growth of the City and the development of Rapid Transit (RT) through improved management and operation of the transportation network.
TS416519	DC19RS1005	Urban Intersections (2019-2023)	\$2,000,000	0	2,000,000	0	\$0	Installation of new traffic signals, pedestrian signals and street lights to improve safety and mobility of both vehicles and pedestrians.
RT1430-1	DC19RS0304	Wellington Gateway (South) Rapid Transit	\$7,572,900	787,582	6,785,318	0	\$3,184,058	Widening and reconstruction of 6.8KM of existing arterial roads to incorporate continuous transit lanes along Wellington from Downtown to White Oaks for the implementation of Rapid Transit.
RT1430-2	DC19RS0303	North Connection Rapid Transit	\$400,000	30,800	369,200	0	\$340,153	Widening and reconstruction of 6.4KM of existing arterial roads to incorporate continuous transit lanes along Clarence Street, Richmond Street, across Western University, and Western Road to Masonville Mall for implementation of Rapid Transit.
RT1430-3	DC19RS0302	East London Link Rapid Transit	\$1,600,000	112,000	1,488,000	0	\$216,498	Widening and reconstruction of 6.3KM of existing arterial roads to incorporate continuous transit lanes from Downtown to Fanshawe College including King Street, Ontario Street, Dundas Street, Highbury Avenue, and Oxford Street for the implementation of Rapid Transit.
RT1430-6	DC19RS0305	West Connection Rapid Transit	\$2,050,000	200,900	1,849,100	0	\$340,817	Widening and reconstruction of 4.4KM of existing arterial roads to incorporate transit lanes from Downtown on Riverside Drive with mixed traffic on Wharncliffe Road North and transit lanes again on Oxford Street to Wonderland Road for implementation of Rapid Transit.
RT1430-7	DC19RS0301	Downtown Loop Rapid Transit	\$2,600,000	1,760,576	839,424	0	\$0	Widening and reconstruction of 2.0km of existing arterial roads to incorporate continuous transit lanes along Ridout, King, Wellington and Queen for the implementation of Rapid Transit.
TOTALS FOR ROAD LEVIES			\$304,224,119	\$69,325,169	\$206,268,226	\$28,630,724	\$14,666,938	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM ROADS LEVIES

Debt Servicing Costs (on debt issued prior to end of 2019)

DETAILS OF DEBT SUPPORTED BY DEVELOPMENT CHARGES - ROADS								
Capital Project			Debt By-law #	Original Debt Issued for Growth Share	Year of Debt Issue/Retired	Principal outstanding at end of 2019	CSRF debt payment (P&I) on issued debt	Description
TS1308	DC14RS0013	Highway 401 Interchange Projects	D-771-79	5,000,000	2016/2026	3,605,185	555,619	Debt issued to support DC funded portion of project.
TS1475-2	DC14-RS00007	Fanshawe Rd East Widening - Phase 2	D-773-81	9,000,000	2017/2027	7,325,341	1,014,339	Debt issued to support DC funded portion of project.
TS1523-1	DC14-RS00012	Bradley Ave Extension, Phase 1 Wharnccliffe Rd to Wonderland Rd.	D-775-80	3,000,000	2019/2029	3,000,000	35,898	Debt issued to support DC funded portion of project.
		Debt Discount					10,416	
		Accrued Interest					11,640	
TOTALS FOR SWM - EXISTING DC FUNDED DEBT				\$17,000,000		\$13,930,527	\$1,627,911	

*Amounts Subject to Rounding

DETAILS OF AUTHORIZED UNISSUED DEBT SUPPORTED BY DEVELOPMENT CHARGES - ROADS					
Capital Project			Authorized but not Issued	Expected Year of Debt Issue	Description
TS1489	DC14-RS00011	Western Widening	6,000,000	2020	Debt to be issued to support DC funded portion of project.
TS1523-1	DC14-RS00012	Bradley Ave Extension, Phase 1 Wharnccliffe Rd to Wonderland Rd.	5,630,724	2022	Debt to be issued to support DC funded portion of project.
TOTALS FOR ROADS - FUTURE DC FUNDED DEBT			\$11,630,724		

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM WATER DISTRIBUTION LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)			CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description	
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	Growth Portion			Debt (DC Rate Supported)
City Services Reserve Fund (CSRF)								
EW2310	DC14-WD00008 & WD00034	Western Road Watermain Replacement - Oxford Street to Sarnia Road	\$2,079,419	1,871,419	208,000	0	\$34,773	To replace the watermain on Western Road from Oxford Street to Sarnia Road.
EW3551	DC14-WD00038 & WD00039	Hyde Park-Sarnia Rd High Level Watermain- Phase 2	\$2,068,660	0	2,068,660	0	\$6,503	Construction of 400, 450 and 600mm watermains in the high level area of North West London. Watermain installation required to service customers in the Hyde Park High Level area.
EW3581	DC14WD020a	Pond Mills 401 Crossing (New 5A)	\$600,900	0	600,900	0	\$37,058	To replace and upgrade the existing 300mm watermain to a 400mm watermain between Wilton Grove Road and Southdale Road.
EW3592	DC14-WD01002	Infill and Intensification Nodes Water Servicing	\$2,198,080	110,080	2,088,000	0	\$121,549	To provide for growth triggered infill and intensification projects in major development nodes.
EW3614	DC2009	Southeast Pumping Station-Reservoir	\$55,728,118	49,648,318	6,079,800	0	\$50,282	Construction of a 113 million litre (25 million gallon) reservoir and pumping station on Highbury Ave for storage and balancing of water supply from the Elgin/Middlesex system based on Valve Engineering Study.
EW3628	DC14WD02005	Expansion of Southeast Pressure Zone	\$2,700,000	1,931,900	768,100	0	\$429,494	To install pressure regulating valves and associated piping to service portions of SE London with the Southeast Pumping Station.
EW3658	DC14WD0026	Wonderland Rd Watermain - Commissioners to Viscount (3000)	\$200,000	0	200,000	0	\$0	To replace and upsize the existing 300mm and 400mm watermain on Wonderland Road (Westmount Pumping Station to Viscount Road) with 600mm watermain. Project required to upgrade high level water supply.
EW3675	DC14WD0021	Southdale Rd Watermain - Boler to Wickerson (2004)	\$125,718	0	125,718	0	\$0	The construction of 400mm watermains in the high level area of southwest London on Southdale Road between Wickerson Road and Bramblewood Place.
EW3694	DC14WD0040	Kilally Road Watermain (A30) Ph 2 (Webster to Clarke Rd)	\$829,995	0	829,995	0	\$49,543	Installation of a new 400mm watermain on Kilally Road from Highbury Avenue to Clarke Road.
EW3709	DC14WD0037	Green Valley Rd Watermain - Hubrey Rd Intersection (New-3)	\$151,000	0	151,000	0	\$27,853	Installation of a 600mm watermain at the intersection of Green Valley Road and Hubrey Road.
EW3818	DC14-WD01001	Watermain Internal Oversizing Subsidy	\$785,562	1,700	783,862	0	\$94,350	Funding source for watermain oversizing claims by land developers. Claims are to be paid in accordance with Schedule 8 of the current Development Charges By-law.
ID2195	DC19WD1000	Watermain Industrial	\$1,434,053	0	1,434,053	0	\$181,814	Water servicing of future light and general industrial land to provide an adequate inventory of large block "shovel ready" land in strategic locations.
EW3652-2	DC14-WD00022	Wickerson High Level Watermain Phase 2 Wickerson Road	\$1,361,030	0	1,361,030	0	\$275,296	Construction of 400mm watermain in the high level area of southwest London on Wickerson Rd between Wickerson Gate and Southdale Road. Watermain installation required to service future customers in the Wickerson area.
EW381819	DC19WD1001	Watermain Internal Oversizing Subsidy (2019-2023)	\$88,829	0	88,829	0	\$0	Funding source for watermain oversizing claims by land developers. Claims are to be paid in accordance with the current Development Charges By-law.
EW382319	DC19WD1002	Watermain - Built Area Works (2019-2023)	\$176,750	77,770	98,980	0	\$0	Program to build watermains to accommodate growth/intensification in the built area of the City.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM WATER DISTRIBUTION LEVIES

CAPITAL FUND TRANSFERS ADDENDUM								
Budget (Approved to end of 2019)								
Sources of Financing								
Capital Project			Total Project Life to date	Tax/Rate Supported plus Other Sources	Growth Portion		CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
					City Services Reserve Fund (CSRF)	Debt (DC Rate Supported)		
EW382519	DC19WD1003	Watermain - Strategic Links (2019-2023)	\$420,998	42,100	378,898	0	\$0	Program to fund growth related water servicing improvements required in the built area of the City.
TOTALS FOR WATER DISTRIBUTION LEVIES			\$70,949,112	\$53,683,287	\$17,265,825	\$0	\$1,308,515	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM CORPORATE GROWTH STUDIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project		Total Project Life to date	Budget (Approved to end of 2019)			CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description	
			Sources of Financing					
			Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)			
Corporate Budget								
GG1030	DC14-GS00023	Core Area Servicing Studies	\$673,899	0	673,899	0	\$0	To identify future growth infrastructure and the splits between growth related and lifecycle costs for piped infrastructure in the core. This project is now closed.
GG1034	DC14-GS00038	Development Charges Consulting	\$850,000	150,100	699,900	0	\$6,205	Continue development charges policy development over time. Also, for use in developing DC rates and DC background study production.
GG1035	DC19GS0028	DC Process Consulting 2024	\$50,000	0	50,000	0	\$0	Continue development charges policy development over time. Also, for use in developing DC rates and DC background study production.
PD2082	DC14-PR00026,81,89,10	Meadowlilly Area Planning Study	\$520,000	132,500	387,500	0	\$0	To provide an assessment of the Meadowlilly Area for planning and development of this area.
PD2152	DC19GS0012	Planning Comprehensive Zoning By-law	\$1,000,000	500,000	500,000	0	\$0	To update the Official Plan as required by the Planning Act. This project will set the framework for positive and sustainable growth, economic development and conservation in London over the next 20 years.
PD2155	DC19GS0014	Growth Related Secondary Plans	\$375,000	75,000	300,000	0	\$87,547	Ongoing capital project for the creation of growth related secondary plans. Future secondary plans will set the context for new development.
PD2156	DC19GS0015	Rapid Transit Village Secondary Plan (2019-2023)	\$75,000	15,000	60,000	0	\$17,517	The preparation of a Secondary Plan for the Masonville Transit Village will provide the basis for the consideration of future planning applications for the redevelopment of this Transit Village.
PD2174	DC19GS0025	Subwatershed Studies (2019-2023) Review and Implementation Update (Parks & Rec)	\$40,000	8,000	32,000	0	\$0	The purpose of these studies is to review subwatershed study recommendations and targets more comprehensively and document successes/challenges in meeting established targets. The findings will impact future environmental policies and natural heritage lands development.
PD2175	DC19GS0013	Planning Community Improvement Plans	\$200,000	100,000	100,000	0	\$0	These plans set the context for revitalization and growth by evaluating economic barriers and establishing projects and incentives aimed at stimulating development and revitalization.
PP4480	DC14-GS00047	Police Facility Needs Analysis	\$500,000	202,500	297,500	0	\$0	Considering the growth of the City of London and increasing service demands combined with the useful life of the existing facilities, a comprehensive needs analysis to meet these demands will be required. It is necessary to quantify future facility requirements. Following the facility needs analysis, it is anticipated that an expansion of LPS facilities may be the recommended outcome.
RC2011	DC14-GS00041	Update Master Plan-Parks & Rec.	\$400,000	152,500	247,500	0	\$37,955	To continue to develop and review the Master Plan for Recreation Services.
RC2021	DC19GS0021	Master Plan Substudies Parks & Recreation	\$150,000	37,500	112,500	0	\$0	The 2019 Parks and Recreation Master Plan identifies several sub-studies required over the next 5 years.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM CORPORATE GROWTH STUDIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
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				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
TS1031	DC14-GS00024	Long Term Corridor Protection EA Studies	\$500,000	0	500,000	0	\$16,004	Required for Environmental Assessments to protect major transportation corridors in and around the City.
TS1032	DC14-GS00048	Complete Streets Guideline	\$100,000	50,000	50,000	0	\$533	New project identified in the 2030 TMP and draft London Plan. A complete street will accommodate the mobility needs for all ages, abilities and modes of travel. This project is now closed.
TS1037	DC14-GS00049	Transportation Network Model Update	\$150,000	0	150,000	0	\$0	The link between land use and transportation is assessed through the technical work of translating future growth into future travel demands. A travel forecasting model will determine the projected volumes on the City's road and transit networks. This project is now closed.
TS1038	DC14-GS00016	Transportation Development Charge Studies 2019	\$250,000	0	250,000	0	\$37,846	Consulting services to update transportation project costs and schedules for the 2019 Development Charge By-law updates.
TS1039	DC14-GS00050	Transportation Master Plan Update	\$100,000	0	100,000	0	\$0	The Transportation Master Plan Update will build upon the London 2030 TMP. The TMP is a long term transportation strategy for the City to help guide the City's transportation and land use decisions to provide sustainable transportation
TS1041	DC14-GS00025	Transportation Impact Studies	\$300,000	0	300,000	0	\$11,089	Area traffic impact studies to identify and optimize the timing of roadway capacity, channelization, signalization needs on a development or area basis as well as parking strategies.
TS1042	DC14-RS00051	Transportation Monitoring Program	\$300,000	0	300,000	0	\$5,179	The monitoring program will be primarily based upon the need to measure modal shares by time of day and for various trip purposes.
TS103119	DC19GS1002	Long Term Corridor Protection EA Studies (2019-2023)	\$300,000	0	300,000	0	\$0	Project required for Environmental Assessments and technical studies to protect major transportation corridors in and around the City.
TS104119	DC19GS1003	Traffic Impact Studies (2019-2023)	\$100,000	0	100,000	0	\$0	Area traffic impact studies to identify and optimize the timing of roadway capacity, channelization, signalization needs on a development or area basis as well as parking strategies.
TS104219	DC19GS1004	Transportation Master Plan Monitoring Program (2019-2023)	\$35,000	0	35,000	0	\$0	The monitoring program will be primarily based upon the need to measure modal shares by time of day and for various trip purposes.
Wastewater Budget								
ES3205	DC14-GS00001	Stormwater Future Development Studies 2019	\$250,000	0	250,000	0	\$1,573	To undertake an update of Development Charges Study 2019 for storm/drainage and SWM works.
ES3209	DC14-GS00007	Stormwater Unidentified Municipal Class Environmental Assessment Addendums	\$200,000	0	200,000	0	\$0	To undertake addendums to the existing accepted Municipal Class EA Studies for storm/drainage and SWM servicing works that need to be changed/modified.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM CORPORATE GROWTH STUDIES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
ES3212	DC19GS0001	Stormwater Dingman Creek Floodplain Corridor EA	\$500,000	0	500,000	0	\$0	Stage 2 of the Dingman Creek Environmental Assessment to assess options within the Dingman Creek corridor to mitigate the anticipated increased flooding determined by the UTRCA's Regulatory Floodplain Update.
ES4415	DC14-GS00008	Wastewater Future Development Charge Studies 2019	\$250,000	0	250,000	0	\$1,573	To undertake the Future Development Charge Study in 2019.
ES5402	DC14GS0027	Biosolids Master Plan	\$400,000	332,400	67,600	0	\$0	Evaluation of alternatives for handling biosolids generated at City Waterwater Treatment Plants.
ES320919	DC19GS1001	Stormwater Unidentified EA Addendums (2019-2023)	\$120,000	0	120,000	0	\$0	To undertake Addendum(s) to the existing accepted Municipal Class EA Studies for storm/drainage and SWM servicing works that need to be changed/modified.
ES540419	DC19GS0003	Built Area Specific Studies (2019-2023)	\$60,000	0	60,000	0	\$0	Assignment to evaluate sanitary servicing in specific areas in the core.
Water Budget								
EW3772-15	Pre-2014 DC	2015 Water Efficiency Program	\$350,000	322,000	28,000	0	\$0	To undertake a water efficiency strategy to promote awareness of water issues. Water efficiency/conservation program will be a requirement of the new Municipal Water Licensing Plan. Water efficiency preserves system capacity for future growth. This project is now closed.
EW377217	DC14-GS00022	2017 Water Efficiency Program	\$350,000	322,000	28,000	0	\$10,437	To undertake a water efficiency strategy to promote awareness of water issues. Water efficiency/conservation program will be a requirement of the new Municipal Water Licensing Plan. Water efficiency preserves system capacity for future growth.
EW377218	DC14-GS00022	2018 Water Efficiency Program	\$350,000	322,000	28,000	0	\$7,212	To undertake a water efficiency strategy to promote awareness of water issues. Water efficiency/conservation program will be a requirement of the new Municipal Water Licensing Plan. Water efficiency preserves system capacity for future growth.
EW377219	DC19GS0011	2019 Water Efficiency Program	\$620,000	570,400	49,600	0	\$17	To undertake a water efficiency strategy to promote awareness of water issues. Water efficiency/conservation program will be a requirement of the new Municipal Water Licensing Plan. Water efficiency preserves system capacity for future growth.
EW33122017	DC14-GS00012	2019 Water Development Charge Study	\$250,000	0	250,000	0	\$988	Background study to determine future watermain needs to service growth, including timing and growth splits for the 2019 Development Charge Background Study.
TOTALS FOR CORPORATE GROWTH STUDIES			\$10,668,899	\$3,291,900	\$7,376,999	\$0	\$241,675	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM POLICE SERVICES

CAPITAL FUND TRANSFERS ADDENDUM								
			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
Capital Project								
PP446519	DC19PS2001	Officer Outfitting Due to Growth (2019-2023)	\$51,346	0	51,346	0	\$7,734	To provide for outfitting costs for new officers.
TOTALS FOR POLICE SERVICES			\$51,346	\$0	\$51,346	\$0	\$7,734	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM POLICE LEVIES

Debt Servicing Costs (on debt issued prior to end of 2019)

DETAILS OF DEBT SUPPORTED BY DEVELOPMENT CHARGES - POLICE						
Capital Project	Debt By-law #	Original Debt Issued for Growth Share	Year of debt issue/retired	Principal outstanding at end of 2019	CSRF debt payment (P&I) on issued debt	Description
PP4460 Pre-2014 DC Police Facilities	D-762-86	3,500,000	2010/2030	1,837,500	262,141	Debt issued to support DC funded portion of project.
PP4460 Pre-2014 DC Police Facilities	D.-768-283	3,719,400	2013/2023	1,605,219	443,583	Debt issued to support DC funded portion of project.
					2,553	
					(5,748)	
TOTALS FOR POLICE - EXISTING DC FUNDED DEBT		\$7,219,400		\$3,442,719	\$702,529	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM FIRE SERVICES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
FS1087	DC14FS0001	New Fire Station #15	\$500,000	176,500	323,500	0	\$0	To acquire land, design & construct a fire station to achieve specified response time to southeast portion of city.
PP1088	Pre-2014 DC	Relocate Fire Station #11	\$2,309,321	771,029	1,538,292	0	\$0	To purchase land and relocate station No. 11 north into Lambeth area to provide appropriate coverage within provincial and international standards and to serve growth areas in this part of the City. This project is now closed.
TOTALS FOR FIRE SERVICES			\$2,809,321	\$947,529	\$1,861,792	\$0	\$0	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM PARKS & RECREATION

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
PD2042	2009 DC	2009 New Open Space Network	\$491,500	210,600	280,900	0	\$0	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD2125	DC19PR5064	New Thames Valley Pathway - North Branch	\$1,500,000	635,426	864,574	0	\$334,175	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD2162	DC14-PR00045	New Urban Civic Spaces	\$2,106,436	1,702,000	404,436	0	(\$11,441)	Create unique urban spaces within the city's urban core neighbourhoods and the downtown.
PD2253	Pre-2014 DC	2010 Environmental Significant Areas	\$260,000	128,000	132,000	0	\$4,903	Develop and implement conservation master plans and site plans for all new Environmentally Significant Areas to ensure long-term conservation integrity and access for appropriate recreation opportunities.
RC2755	DC14-PR00001	Multi-purpose Recreation Centre - Southwest	\$56,545,965	44,304,065	5,241,900	7,000,000	\$170,734	The Master Plan recognized a need for new or enhanced facilities in the south west. This project is planned to improve the supply, distribution and quality of community facilities. This centre will address the need for community space, gymnasias, pools and ice pads in the south west.
RC2756	DC14-PR00003	Multi-purpose Recreation Centre - East	\$22,958,505	16,966,305	0	5,992,200	\$0	A Multipurpose recreation centre to be constructed in the east area of the City in East Lions Park to commence in 2016. This facility will house gymnasiums, activity rooms, indoor pool and outdoor amenities complete with parking and public outdoor spaces.
RC2758	DC14PR0002	Multi-Purpose Recreation Centre - Southeast	\$25,955,716	23,044,802	2,082,514	828,400	\$7,005	The Master Plan recognized a need for new or enhanced facilities in the east south east. This project is planned to improve the supply, distribution and quality of community facilities. This centre will address the need for community space, gymnasiums, activity rooms, twin pad arena and outdoor amenities.
RC2772	DC14-PR00012 TO PR00013	New Spray Pad Initiative	\$450,000	304,000	146,000	0	\$0	To respond to existing demand in accordance with the Parks and Recreation Strategic Masterplan and the Aquatic Services Review. This project is now closed.
RC2782	DC14PR0011	New Spray Pad Riverbend	\$398,800	42,586	356,214	0	\$0	To respond to existing demand in accordance with the Parks and Recreation Strategic Masterplan and the Aquatic Services Review.
PD1033-11	Pre-2014 DC	2011 New District Parks	\$440,000	141,500	298,500	0	\$0	To develop new district parks in "Growth Areas" on a priority basis to provide "drive to" district recreation facilities such as upgraded sports fields, path systems and accessible play structures, skate board parks, tennis courts, spray pads, and other unique park amenities.
PD103316	DC14-PR00033 DC14-PR00034	2016 New District Parks	\$0	0	0	0	(\$26,054)	To develop new district parks in "Growth Areas" on a priority basis to provide "drive to" district recreation facilities such as upgraded sports fields, path systems and accessible play structures, skate board parks, tennis courts, spray pads, and other unique park amenities. This project is now closed and the budget was transferred as part of the 2019 DCBS.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM PARKS & RECREATION

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
PD103318	DC14-PR00033 DC14-PR00034	2018 New District Parks	\$37,000	17,900	19,100	0	\$0	To develop new district parks in "Growth Areas" on a priority basis to provide "drive to" district recreation facilities such as upgraded sports fields, path systems and accessible play structures, skate board parks, tennis courts, spray pads, and other unique park amenities.
PD1382-14	DC14-PR00014 DC14-PR00015	2014 New Neighbourhood Parks	\$494,001	211,083	282,918	0	\$176,982	To develop new neighbourhood parks in "Growth Areas" as subdivision are constructed.
PD1382-15	DC14-PR00016 to DC14-PR00018	2015 New Neighbourhood Parks	\$260,000	60,200	199,800	0	\$44,520	To develop new neighbourhood parks in "Growth Areas" as subdivision are constructed.
PD138216	DC14-PR00019	2016 New Neighbourhood Parks	\$220,000	50,900	169,100	0	\$0	To develop new neighbourhood parks in "Growth Areas" as subdivision are constructed.
PD138217	DC14-PR00014 to DC14-PR00032	2017 New Neighbourhood Parks	\$183,592	68,292	115,300	0	\$13,855	To develop new neighbourhood parks in "Growth Areas" as subdivision are constructed.
PD138218	DC14-PR00014 to DC14-PR00032	2018 New Neighbourhood Parks	\$150,000	34,700	115,300	0	\$5,185	To develop new neighbourhood parks in "Growth Areas" as subdivision are constructed.
PD2043-11	Pre-2014 DC	2011 New Open Space Network	\$602,047	177,747	424,300	0	\$17,398	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD2043-12	Pre-2014 DC	2012 New Open Space Network	\$620,000	262,700	357,300	0	\$0	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD2043-13	Pre-2014 DC	2013 New Open Space Network	\$400,000	109,700	290,300	0	\$0	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD2043-14	DC14-PR00057	2014 New Open Space Network	\$350,000	188,000	162,000	0	\$0	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD2043-15	DC14-PR00057 to PR00086	2015 New Open Space Network	\$700,000	296,500	403,500	0	\$0	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM PARKS & RECREATION

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
PD204316	DC14-PR00057 TO PR00086	2016 New Major Open Space Network	\$1,730,000	732,700	997,300	0	\$80,062	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD204317	Pre-2014 DC	2017 New Major Open Space Network	\$915,000	387,600	527,400	0	\$289,367	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD204318	Pre-2014 DC	2018 New Major Open Space Network	\$475,000	201,200	273,800	0	\$49,186	Annual program to provide linkages and passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the sub watershed planning process and Parks & Recreation Master Plan.
PD2124-11	Pre-2014 DC	2011 New Thames Valley Parkway	\$400,000	251,100	148,900	0	\$17,872	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD2124-12	Pre-2014 DC	2012 New Thames Valley Parkway	\$50,000	12,800	37,200	0	\$0	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD2124-13	Pre-2014 DC	2013 New Thames Valley Parkway	\$500,000	102,700	397,300	0	\$0	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD2124-15	DC14-PR00092 TO PR00102	2015 New Thames Valley Pathway	\$1,175,000	497,700	677,300	0	\$29,324	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD212416	DC14-PR00092 TO PR00102	2016 New Thames Valley Pathway	\$250,000	105,900	144,100	0	\$0	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD212417	DC14-PR00092 TO PR00102	2017 New Thames Valley Pathway	\$1,050,000	444,700	605,300	0	\$0	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD212418	DC14-PR00092 TO PR00102	2018 New Thames Valley Pathway	\$1,355,000	573,900	781,100	0	\$0	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks and Recreation Master Plan. Planned works are in areas of "Growth".
PD2181-15	DC14-PR00087 TO PR00090	2015 New Sportspark	\$150,000	63,500	86,500	0	\$1,580	To develop new major infrastructure to support major recreational facilities in order to support competitive and tournament level play.
PD218116	DC14-PR00087 TO PR00090	2016 New Sportspark	\$600,000	258,000	342,000	0	\$42,145	To develop new major infrastructure to support major recreational facilities in order to support competitive and tournament level play.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM PARKS & RECREATION

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project		Budget (Approved to end of 2019)					CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
		Total Project Life to date	Sources of Financing			Debt (DC Rate Supported)		
			Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Growth Portion			
PD218117	DC14-PR00087 TO PR00090	2017 New Sportspark	\$800,000	361,900	438,100	0	\$13,394	To develop new major infrastructure to support major recreational facilities in order to support competitive and tournament level play.
PD218118	DC14-PR00087 TO PR00090	2018 New Sportspark	\$3,411,183	1,456,137	1,955,046	0	\$597,138	To develop new major infrastructure to support major recreational facilities in order to support competitive and tournament level play.
PD2230-15	DC14-PR00004 TO PR00116	2015 New Field Houses	\$150,000	15,000	135,000	0	\$0	To support the design and implementation of washroom and change room facilities in new district parks and new sport parks.
PD223016	DC14-PR00004 TO PR00116	2016 New Field Houses	\$600,000	195,000	405,000	0	\$0	To support the design and implementation of washroom and change room facilities in new district parks and new sport parks.
PD223017	DC14-PR00004 TO PR00116	2017 New Field Houses	\$300,000	212,000	88,000	0	\$1,863	To support the design and implementation of washroom and change room facilities in new district parks and new sport parks. This project is now closed.
PD2253-12	Pre-2014 DC	2012 Environmental Significant Areas	\$290,000	145,400	144,600	0	\$0	Develop and implement conservation master plans and site plans for all new Environmentally Significant Areas to ensure long-term conservation integrity and access for appropriate recreation opportunities.
PD2253-13	Pre-2014 DC	2013 Environmental Significant Areas	\$280,000	140,400	139,600	0	\$21,900	Develop and implement conservation master plans and site plans for all new Environmentally Significant Areas to ensure long-term conservation integrity and access for appropriate recreation opportunities.
PD2253-15	DC14-PR00103 TO PR00113	2015 Environmentally Significant Areas	\$15,000	7,300	7,700	0	\$0	Develop and implement conservation master plans and site plans for all new Environmentally Significant Areas to ensure long-term conservation integrity and access for appropriate recreation opportunities.
PD225317	DC14-PR00103 TO PR00113	2017 Environmentally Significant Areas	\$80,000	38,800	41,200	0	\$0	Develop and implement conservation master plans and site plans for all new Environmentally Significant Areas to ensure long-term conservation integrity and access for appropriate recreation opportunities.
PD225318	DC14-PR00103 TO PR00113	2018 Environmentally Significant Areas	\$135,000	65,400	69,600	0	\$0	Develop and implement conservation master plans and site plans for all new Environmentally Significant Areas to ensure long-term conservation integrity and access for appropriate recreation opportunities.
PD2765-15	DC14-PR000050 TO PR000056	2015 New Woodland Parks	\$60,000	13,900	46,100	0	\$46,100	Initial management and setup of newly acquired woodland parks.
PD276516	DC14-PR000050 TO PR000056	2016 New Woodland Parks	\$100,000	23,100	76,900	0	\$44,598	Initial management and setup of newly acquired woodland parks.
PD276517	DC14-PR000050 TO PR000056	2017 New Woodland Parks	\$125,000	28,900	96,100	0	\$0	Initial management and setup of newly acquired woodland parks.
PD3019-13	Pre-2014 DC	2013 New Urban Parks	\$100,000	25,600	74,400	0	\$2,854	To construct new urban parks, plazas and civic spaces in growth areas to reflect new design.

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM PARKS & RECREATION

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project		Budget (Approved to end of 2019)					CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
		Total Project Life to date	Sources of Financing			Debt (DC Rate Supported)		
			Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Growth Portion			
PD3019-15	DC14-PR00039 TO PR00044	2015 New Urban Parks	\$350,000	81,000	269,000	0	\$0	To construct new urban parks, plazas and civic spaces in growth areas to reflect new design.
PD301917	DC14-PR00039 TO PR00044	2017 New Urban Parks	\$160,000	37,000	123,000	0	\$0	To construct new urban parks, plazas and civic spaces in growth areas to reflect new design.
PD301918	DC14-PR00039 TO PR00044	2018 New Urban Parks	\$600,000	138,800	461,200	0	\$234,659	To construct new urban parks, plazas and civic spaces in growth areas to reflect new design.
PK103319	DC19PR0200	New District Parks (2019-2023)	\$1,457,500	633,594	823,906	0	\$28,011	To develop new district parks in "Growth Areas" on a priority basis to provide drive to district recreation facilities such as upgraded sports fields, path systems and accessible play structures, skate board parks, tennis courts, spray pads, and other unique park amenities.
PK138219	DC19PR0100	Neighbourhood Parks (2019-2023)	\$221,600	41,300	180,300	0	\$0	To develop new neighbourhood parks in the "Growth Areas" as subdivisions are constructed. Includes; play equip., pathways, tree planting, benches, parking, drainage & recreation amenities.
PK204319	DC19PR0600	New Major Open Space (2019-2023)	\$270,000	102,694	167,306	0	\$8,030	Provide linkages & passive recreation opportunities in new Community Areas along creeks, valleys and upland corridors. To implement recommendations from the subwatershed planning process & Parks & Recreation Master Plan.
PK212419	DC19PR0800	New Thames Valley Parkway	\$1,406,100	552,285	853,815	0	\$0	To provide a City-wide continuous multi-use pathway through the Thames Valley for public use and enjoyment. To implement recommendations of the Parks & Recreation Master Plan and Thames Valley Corridor Plan.
PK218119	DC19PR0700	New Sportspark (2019-2023)	\$1,693,800	687,338	1,006,462	0	\$0	To develop major infrastructure to support major recreational facilities in order to support expanded competitive and tournament level play. To also develop lands in new 'growth' areas to meet sportsfield deficiencies.
PK223019	DC19PR1100	New Field House (2019-2023)	\$300,000	97,604	202,396	0	\$0	The 'new field house' capital budget supports the design and implementation of washroom and change room facilities in new district parks and new sport parks. These field houses are implemented in growth areas and supports organized sport programs such as soccer, football and baseball, etc. in keeping with the City's current level of service.
PK301919	DC19PR0300	New Urban Parks (2019-2023)	\$909,700	207,076	702,624	0	\$0	To construct new urban parks in growth areas to reflect new design standards for smaller spaces in neighbourhoods.
TOTALS FOR PARKS & RECREATION			\$137,588,445	\$97,896,334	\$25,871,511	\$13,820,600	\$2,245,345	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM PARKS & RECREATION

Debt Servicing Costs (on debt issued prior to end of 2019)

DETAILS OF DEBT SUPPORTED BY DEVELOPMENT CHARGES - PARKS & RECREATION								
Capital Project			Debt By-law #	Original Debt Issued for Growth Share	Year of Debt Issue/Retired	Principal outstanding at end of 2019	CSRF debt payment (P&I) on issued debt	Description
RC2762	Pre-2014 DC	Multi-Purpose Rec Centre #1 (North)	D-767-265	3,400,000	2012/2022	1,109,517	395,319	Debt issued to support DC funded portion of project.
RC2755	DC14-PR00001	Multi-purpose Recreation Centre - Southwest	D-774-91	7,000,000	2018/2028	6,372,291	808,309	Debt issued to support DC funded portion of project.
RC2756	DC14-PR00003	Multi-purpose Recreation Centre - East	D-775-80	2,365,000	2019/2029	2,365,000	28,299	Debt issued to support DC funded portion of project.
		Debt Discount					7,884	
		Accrued Interest					7,509	
TOTALS FOR PARKS & REC. - EXISTING DC FUNDED DEBT				\$12,765,000		\$9,846,808	\$1,247,320	

*Amounts Subject to Rounding

DETAILS OF AUTHORIZED UNISSUED DEBT SUPPORTED BY DEVELOPMENT CHARGES - PARKS & REC					
Capital Project			Authorized but not Issued	Expected Year of Debt Issue	Description
RC2756	DC14-PR00003	Multi-purpose Recreation Centre - East (Aquatics)	3,627,200	2020	Debt to be issued to support DC funded portion of project.
RC2758	DC14PR0002	Multi-Purpose Recreation Centre - Southeast	828,400	2024	Debt to be issued to support DC funded portion of project.
TOTALS FOR PARKS & REC - FUTURE DC FUNDED DEBT			\$4,455,600		

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM TRANSIT SERVICES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
MU1176	DC19TS2002	Conventional Transit (Growth) PTIS	\$1,155,000	1,031,785	123,215	0	\$0	Ongoing program of expanding the transit fleet supporting growth in service in new service areas.
TS1430-12	DC14TS0001	RT12: Downtown Terminal (PTIF)					(\$16,681)	Downtown terminal serving rapid transit. Project concept, location and phasing to be developed through EA and related studies. Moved to Roads Services.
TOTALS FOR TRANSIT SERVICES			\$1,155,000	\$1,031,785	\$123,215	\$0	(\$16,681)	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
CITY SERVICES RESERVE FUNDS
FOR THE 2019 YEAR**

FUNDED FROM LIBRARY SERVICES

CAPITAL FUND TRANSFERS ADDENDUM								
Capital Project			Budget (Approved to end of 2019)				CSRF Amount Transferred to (from) Capital Fund in 2019	Project Description
			Total Project Life to date	Sources of Financing				
				Tax/Rate Supported plus Other Sources	City Services Reserve Fund (CSRF) Commitment	Debt (DC Rate Supported)		
RC3464	DC14LS0002	Northwest Branch Library	\$750,000	382,600	367,400	0	\$0	To acquire land, design and construct a new full service branch library to accommodate population growth.
RC3466	DC14LS0001	Southeast Branch Library	\$5,118,000	1,468,200	500,900	3,148,900	\$0	To acquire land, design and construct a new full service branch library to accommodate population growth.
RC3467	DC14LS0003	LSA 13 - Southeast Collections	\$250,000	25,000	225,000	0	\$0	The collection at a new Southeast branch requires expansion to maintain service standards and provide adequate choices and variety to an increasing number of patrons accessing the new branch.
TOTALS FOR LIBRARY SERVICES			\$6,118,000	\$1,875,800	\$1,093,300	\$3,148,900	\$0	

*Amounts Subject to Rounding

**STATEMENT OF DEVELOPMENT CHARGE RESERVE FUND ACTIVITY
URBAN WORKS RESERVE FUNDS
FOR THE 2019 YEAR**

URBAN WORKS RESERVE FUNDS	Minor Sanitary Sewers, Storm Sewers, Storm Water Management Facilities and Roadworks	Storm Water Management Facilities - Area 1	Total Urban Works Reserve Funds
Description of Service for which Fund was established to recover growth related costs	Minor Sanitary Sewer collection systems, Storm water collection systems and retention facilities, minor road upgrades (turning lanes, traffic signals, curb & gutter)	Storm water retention facilities - Area 1 (area annexed to City of London in 1993)	
Opening Balance: January 1, 2019	\$5,601,776	\$5,888,827	\$11,490,603
Add:			
Development Charge Revenues	1,928,494	1,307,646	3,236,140
Subsidies from DC Incentive Reserve Funds	214,038	2,494	216,532
Interest Earned	101,627	67,860	169,487
<i>Total Contributions</i>	<i>\$2,244,159</i>	<i>\$1,378,000</i>	<i>\$3,622,159</i>
Less:			
Amount Transferred to/(from) Capital Fund (Note 1)	35,717	1,522,144	1,557,861
Refunds	18,810	15,467	34,277
Amount Transferred to CSRF (Note 2)	7,791,408	5,729,216	13,520,624
<i>Total Disbursements</i>	<i>\$7,845,935</i>	<i>\$7,266,827</i>	<i>\$15,112,762</i>
Closing Balance: December 31, 2019 (Note 2)	\$0	\$0	\$0

*Amounts Subject to Rounding

Notes:

- 1) Amount Transferred to/(from) Capital Fund reflects 2019 progress draws against approved claims (see Appendix B page 2 for details).
- 2) As part of the 2019 Development Charges Background Studies, the Urban Works Reserve Funds were retired, with their liabilities and balances transferred to the City Services Reserve Funds.

FUNDED FROM URBAN WORKS RESERVE FUNDS FOR THE YEAR 2019

CAPITAL FUND TRANSFERS ADDENDUM				
Capital Project		Source of Financing		
Claim #	Development	Minor Sanitary Sewers, Storm Sewers, Storm Water Management Facilities and Road Works	Storm Water Management Facilities - Area 1	Project Description
1723	Sifton Properties Limited	\$35,717		Hyde Park Meadows Phase 2
1724	Cedarhollow Limited		\$204,510	Foxwood Crossing Ph 3 Subdivision
1725	Foxhollow Developments Inc.		\$1,128,658	Stoney Creek Subdivision Ph 1 SWMF & Land Purchase
1726	Cedar Hollow Developments		\$188,976	Richmond North Subdivision SWM Pond
TOTAL CLAIMS PAID FROM URBAN WORKS RESERVE FUND		\$35,717	\$1,522,144	

*Amounts Subject to Rounding