



Halton Region Budget and Business Plan

CAPITAL REPORT 2023

Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

TAX - CAPITAL

2023 - 2032 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES		DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL	GROWTH	REGIONAL
2023 Finance									
Capital & Development Financing	450	0	450	95	237	0	118	0	0
Sub-total	450	0	450	95	237	0	118	0	0
Health									
Paramedic Services	1,861	0	1,861	39	289	0	1,533	0	0
Health -Other	253	0	253	0	0	0	253	0	0
Sub-total	2,114	0	2,114	39	289	0	1,786	0	0
Legislative & Planning Services									
Planning	2,750	0	2,750	6	119	0	2,625	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	2,750	0	2,750	6	119	0	2,625	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	9,450	0	9,450	0	2,800	0	6,650	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,150	57	10,093	0	2,800	0	7,293	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	9,279	0	9,279	0	0	0	9,279	0	0
Information Technology	8,025	0	8,025	0	0	0	8,025	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	17,304	0	17,304	0	0	0	17,304	0	0
Public Works									
Transportation	352,994	7,700	345,294	0	166,987	93,334	84,973	0	0
Waste Management	8,662	0	8,662	70	180	0	8,412	0	0
Sub-total	361,656	7,700	353,956	70	167,167	93,334	93,385	0	0
Halton Regional Police Service	51,984	0	51,984	473	1,212	0	7,459	6,708	36,132
TOTAL 2023	446,407	7,757	438,650	684	171,824	93,334	129,968	6,708	36,132
2024 Finance									
Capital & Development Financing	350	0	350	95	237	0	18	0	0
Sub-total	350	0	350	95	237	0	18	0	0
Health									
Paramedic Services	1,867	0	1,867	94	703	0	1,070	0	0
Health -Other	72	0	72	0	0	0	72	0	0
Sub-total	1,939	0	1,939	94	703	0	1,142	0	0
Legislative & Planning Services									
Planning	7,340	0	7,340	223	3,992	0	3,125	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	7,340	0	7,340	223	3,992	0	3,125	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	11,200	0	11,200	0	2,800	0	8,400	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	11,900	57	11,843	0	2,800	0	9,043	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	8,859	0	8,859	0	0	810	8,049	0	0
Information Technology	13,846	0	13,846	0	0	0	13,846	0	0
Communications and Customer Service	15	0	15	0	0	0	15	0	0
Sub-total	22,720	0	22,720	0	0	810	21,910	0	0
Public Works									
Transportation	227,693	0	227,693	0	110,899	61,745	55,049	0	0
Waste Management	2,295	0	2,295	0	0	0	2,295	0	0
Sub-total	229,988	0	229,988	0	110,899	61,745	57,344	0	0
Halton Regional Police Service	8,318	0	8,318	262	672	0	7,384	0	0
TOTAL 2024	282,555	57	282,498	674	119,304	62,555	99,965	0	0

2023 - 2032 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES		DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL	GROWTH	REGIONAL
2025 Finance									
Capital & Development Financing	380	0	380	95	237	0	48	0	0
Sub-total	380	0	380	95	237	0	48	0	0
Health									
Paramedic Services	6,316	0	6,316	32	238	0	6,046	0	0
Health -Other	70	0	70	0	0	0	70	0	0
Sub-total	6,386	0	6,386	32	238	0	6,116	0	0
Legislative & Planning Services									
Planning	25,270	0	25,270	732	11,318	0	13,220	0	0
Economic Development	8,000	0	8,000	0	0	0	8,000	0	0
Sub-total	33,270	0	33,270	732	11,318	0	21,220	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	3,300	0	6,700	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,700	57	10,643	0	3,300	0	7,343	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	7,058	0	7,058	0	0	0	7,058	0	0
Information Technology	11,000	0	11,000	0	0	0	11,000	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	18,058	0	18,058	0	0	0	18,058	0	0
Public Works									
Transportation	257,087	0	257,087	0	131,754	66,645	58,688	0	0
Waste Management	25,348	0	25,348	0	0	0	25,348	0	0
Sub-total	282,435	0	282,435	0	131,754	66,645	84,036	0	0
Halton Regional Police Service	10,483	0	10,483	255	652	0	9,576	0	0
TOTAL 2025	361,711	57	361,654	1,114	147,499	66,645	146,396	0	0
2026 Finance									
Capital & Development Financing	350	0	350	95	237	0	18	0	0
Sub-total	350	0	350	95	237	0	18	0	0
Health									
Paramedic Services	2,660	0	2,660	74	554	0	2,032	0	0
Health -Other	37	0	37	0	0	0	37	0	0
Sub-total	2,697	0	2,697	74	554	0	2,069	0	0
Legislative & Planning Services									
Planning	3,260	0	3,260	315	785	0	2,160	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	3,260	0	3,260	315	785	0	2,160	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	3,300	0	6,700	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,700	57	10,643	0	3,300	0	7,343	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	37,450	0	37,450	0	0	11,988	25,462	0	0
Information Technology	8,424	0	8,424	0	0	0	8,424	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	45,874	0	45,874	0	0	11,988	33,886	0	0
Public Works									
Transportation	374,059	0	374,059	0	203,706	105,620	64,733	0	0
Waste Management	6,353	0	6,353	0	0	0	6,353	0	0
Sub-total	380,412	0	380,412	0	203,706	105,620	71,086	0	0
Halton Regional Police Service	8,873	0	8,873	203	521	0	8,149	0	0
TOTAL 2026	452,167	57	452,109	687	209,104	117,608	124,710	0	0

2023 - 2032 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES		DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL	GROWTH	REGIONAL
2027 Finance									
Capital & Development Financing	350	0	350	95	237	0	18	0	0
Sub-total	350	0	350	95	237	0	18	0	0
Health									
Paramedic Services	2,438	0	2,438	64	477	0	1,897	0	0
Health -Other	0	0	0	0	0	0	0	0	0
Sub-total	2,438	0	2,438	64	477	0	1,897	0	0
Legislative & Planning Services									
Planning	2,720	0	2,720	243	607	0	1,870	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	2,720	0	2,720	243	607	0	1,870	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	3,800	0	6,200	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,700	57	10,643	0	3,800	0	6,843	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	8,262	0	8,262	0	0	0	8,262	0	0
Information Technology	7,584	0	7,584	0	0	0	7,584	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	15,846	0	15,846	0	0	0	15,846	0	0
Public Works									
Transportation	440,642	0	440,642	0	260,822	128,066	51,754	0	0
Waste Management	4,346	0	4,346	0	0	0	4,346	0	0
Sub-total	444,988	0	444,988	0	260,822	128,066	56,100	0	0
Halton Regional Police Service	8,094	0	8,094	58	149	0	7,888	0	0
TOTAL 2027	485,137	57	485,079	460	266,092	128,066	90,461	0	0
2028 Finance									
Capital & Development Financing	377	0	377	95	237	0	45	0	0
Sub-total	377	0	377	95	237	0	45	0	0
Health									
Paramedic Services	5,677	0	5,677	83	623	0	4,971	0	0
Health -Other	0	0	0	0	0	0	0	0	0
Sub-total	5,677	0	5,677	83	623	0	4,971	0	0
Legislative & Planning Services									
Planning	11,470	0	11,470	518	7,019	0	3,933	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	11,470	0	11,470	518	7,019	0	3,933	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	3,800	0	6,200	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,700	57	10,643	0	3,800	0	6,843	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	6,235	0	6,235	0	0	0	6,235	0	0
Information Technology	9,190	0	9,190	0	0	0	9,190	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	15,425	0	15,425	0	0	0	15,425	0	0
Public Works									
Transportation	197,945	0	197,945	0	128,851	40,986	28,108	0	0
Waste Management	9,512	0	9,512	0	0	0	9,512	0	0
Sub-total	207,457	0	207,457	0	128,851	40,986	37,620	0	0
Halton Regional Police Service	5,750	0	5,750	58	149	0	5,543	0	0
TOTAL 2028	256,856	57	256,799	755	140,679	40,986	74,379	0	0

2023 - 2032 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPNS	DEVELOPMENT CHARGES		GENERAL RESERVES		DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL	GROWTH	REGIONAL
2029 Finance									
Capital & Development Financing	350	0	350	95	237	0	18	0	0
Sub-total	350	0	350	95	237	0	18	0	0
Health									
Paramedic Services	3,089	0	3,089	80	597	0	2,412	0	0
Health -Other	37	0	37	0	0	0	37	0	0
Sub-total	3,126	0	3,126	80	597	0	2,449	0	0
Legislative & Planning Services									
Planning	3,720	0	3,720	243	607	0	2,870	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	3,720	0	3,720	243	607	0	2,870	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	3,800	0	6,200	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,700	57	10,643	0	3,800	0	6,843	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	8,218	0	8,218	0	0	0	8,218	0	0
Information Technology	8,228	0	8,228	0	0	0	8,228	0	0
Communications and Customer Service	15	0	15	0	0	0	15	0	0
Sub-total	16,461	0	16,461	0	0	0	16,461	0	0
Public Works									
Transportation	213,369	0	213,369	0	110,891	48,127	54,351	0	0
Waste Management	5,054	0	5,054	0	0	0	5,054	0	0
Sub-total	218,423	0	218,423	0	110,891	48,127	59,405	0	0
Halton Regional Police Service	4,950	0	4,950	58	149	0	4,743	0	0
TOTAL 2029	257,730	57	257,673	476	116,281	48,127	92,789	0	0
2030 Finance									
Capital & Development Financing	350	0	350	95	237	0	18	0	0
Sub-total	350	0	350	95	237	0	18	0	0
Health									
Paramedic Services	3,499	0	3,499	68	511	0	2,920	0	0
Health -Other	160	0	160	0	0	0	160	0	0
Sub-total	3,659	0	3,659	68	511	0	3,080	0	0
Legislative & Planning Services									
Planning	3,220	0	3,220	243	607	0	2,370	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	3,220	0	3,220	243	607	0	2,370	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	4,300	0	5,700	0	0
Services for Seniors	770	57	713	0	0	0	713	0	0
Sub-total	10,820	57	10,763	0	4,300	0	6,463	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	7,798	0	7,798	0	0	0	7,798	0	0
Information Technology	7,661	0	7,661	0	0	0	7,661	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	15,458	0	15,458	0	0	0	15,458	0	0
Public Works									
Transportation	226,815	0	226,815	0	122,956	62,074	41,785	0	0
Waste Management	2,998	0	2,998	0	0	0	2,998	0	0
Sub-total	229,813	0	229,813	0	122,956	62,074	44,783	0	0
Halton Regional Police Service	5,225	0	5,225	58	149	0	5,018	0	0
TOTAL 2030	268,545	57	268,488	464	128,760	62,074	77,190	0	0

2023 - 2032 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES		DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL	GROWTH	REGIONAL
2031 Finance									
Capital & Development Financing	350	0	350	95	237	0	18	0	0
Sub-total	350	0	350	95	237	0	18	0	0
Health									
Paramedic Services	6,445	0	6,445	74	552	0	5,819	0	0
Health -Other	97	0	97	0	0	0	97	0	0
Sub-total	6,542	0	6,542	74	552	0	5,916	0	0
Legislative & Planning Services									
Planning	2,220	0	2,220	172	428	0	1,620	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	2,220	0	2,220	172	428	0	1,620	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	4,300	0	5,700	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,700	57	10,643	0	4,300	0	6,343	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	4,448	0	4,448	0	0	0	4,448	0	0
Information Technology	7,452	0	7,452	0	0	0	7,452	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	11,900	0	11,900	0	0	0	11,900	0	0
Public Works									
Transportation	449,947	0	449,947	0	291,376	115,434	43,137	0	0
Waste Management	2,982	0	2,982	0	0	0	2,982	0	0
Sub-total	452,929	0	452,929	0	291,376	115,434	46,119	0	0
Halton Regional Police Service	4,800	0	4,800	58	149	0	4,593	0	0
TOTAL 2031	489,441	57	489,384	399	297,043	115,434	76,508	0	0
2032 Finance									
Capital & Development Financing	350	0	350	95	237	0	18	0	0
Sub-total	350	0	350	95	237	0	18	0	0
Health									
Paramedic Services	774	0	774	72	536	0	166	0	0
Health -Other	51	0	51	0	0	0	51	0	0
Sub-total	825	0	825	72	536	0	217	0	0
Legislative & Planning Services									
Planning	2,520	0	2,520	215	536	0	1,770	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	2,520	0	2,520	215	536	0	1,770	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Housing	10,000	0	10,000	0	4,300	0	5,700	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	10,700	57	10,643	0	4,300	0	6,343	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	6,329	0	6,329	0	0	0	6,329	0	0
Information Technology	7,404	0	7,404	0	0	0	7,404	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	13,732	0	13,732	0	0	0	13,732	0	0
Public Works									
Transportation*	13,860	0	13,860	0	0	0	13,860	0	0
Waste Management	2,740	0	2,740	0	0	0	2,740	0	0
Sub-total	16,600	0	16,600	0	0	0	16,600	0	0
Halton Regional Police Service	4,550	0	4,550	58	149	0	4,343	0	0
TOTAL 2032	49,277	57	49,220	440	5,758	0	43,023	0	0

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.

2023 - 2032 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES		DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL	GROWTH	REGIONAL
TOTAL Finance									
Capital & Development Financing	3,657	0	3,657	951	2,374	0	332	0	0
Sub-total	3,657	0	3,657	951	2,374	0	332	0	0
Health									
Paramedic Services	34,626	0	34,626	680	5,080	0	28,866	0	0
Health -Other	776	0	776	0	0	0	776	0	0
Sub-total	35,402	0	35,402	680	5,080	0	29,642	0	0
Legislative & Planning Services									
Planning	64,490	0	64,490	2,910	26,018	0	35,563	0	0
Economic Development	8,000	0	8,000	0	0	0	8,000	0	0
Sub-total	72,490	0	72,490	2,910	26,018	0	43,563	0	0
Social & Community Services									
Childrens Services	500	0	500	0	0	0	500	0	0
Housing	100,650	0	100,650	0	36,500	0	64,150	0	0
Services for Seniors	6,620	572	6,048	0	0	0	6,048	0	0
Sub-total	107,770	572	107,198	0	36,500	0	70,698	0	0
Digital & Information Systems									
Energy, Fleet and Facilities	103,936	0	103,936	0	0	12,798	91,138	0	0
Information Technology	88,813	0	88,813	0	0	0	88,813	0	0
Communications and Customer Service	30	0	30	0	0	0	30	0	0
Sub-total	192,779	0	192,779	0	0	12,798	179,981	0	0
Public Works									
Transportation*	2,754,411	7,700	2,746,711	0	1,528,242	722,031	496,438	0	0
Waste Management	70,290	0	70,290	70	180	0	70,040	0	0
Sub-total	2,824,701	7,700	2,817,001	70	1,528,422	722,031	566,478	0	0
Halton Regional Police Service	113,027	0	113,027	1,542	3,951	0	64,695	6,708	36,132
TOTAL 2023-2032	3,349,826	8,272	3,341,554	6,153	1,602,344	734,829	955,388	6,708	36,132

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.
Note: Schedule may not add due to rounding. Does not include impacts from Strategic Investment Forms.

Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

TAX - CAPITAL

TRANSPORTATION

CAPITAL BUDGET

2023

TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2023 TRANSPORTATION SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Enhanced Levels of Service											
PR-2890B	7853	Traffic Signal Interconnect (REG)	150	0	0	0	0	150	0	0	0
PR-2891B	7854	Operational Improvements (REG)	626	0	0	0	0	626	0	0	0
Sub-total			776	0	0	0	0	776	0	0	0
Growth											
PR-2322	2659	Guelph Line - Widening from 4 to 6 lanes from Mainway to Upper Middle Road (BUR) (Regional Road 1)	850	0	0	473	266	111	0	0	0
PR-2079D	3981	Trafalgar Road - Widening from 4 to 6 lanes from Dundas Street to Highway 407 (OAK) (Regional Road 3)	55,203	0	0	28,264	15,898	11,041	0	0	0
PR-3203	3991	Trafalgar Rd - Grade Separation at CN Crossing north of Maple Ave (HHS) (Regional Road 3)	16,398	0	0	9,655	5,431	1,312	0	0	0
PR-3203	5376	Trafalgar Rd - Grade Separation at Metrolinx Crossing south of Hwy 7 (HHS) (Regional Road 3)	5,765	0	0	3,136	1,764	865	0	0	0
PR-2960B	7756	Trafalgar Road Widening from 2 to 4 Lanes from 10 Side Road to Hwy 7 (HHS) (Regional Road 3)	17,180	0	0	8,576	4,824	3,780	0	0	0
	6807	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Tremaine Road (MIL) (Regional Road 4)	850	0	0	527	297	26	0	0	0
PR-2671B	3983	Dundas Street - Widening from 4 to 6 lanes from Tremaine Road to Bronte Road (OAK) (Regional Road 5)	21,887	0	0	11,066	6,225	4,596	0	0	0
PR-3200	3984	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Northampton (BUR) (Regional Road 5)	13,194	0	0	6,671	3,752	2,771	0	0	0
PR-2550	5180	Dundas Street - Widening from 4 to 6 lanes from Northampton to Appleby Line (BUR) (Regional Road 5)	20,512	0	0	9,977	5,612	4,923	0	0	0

Note: Schedule may not add due to rounding.



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2023 TRANSPORTATION SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3207B	7487	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Halton/Hamilton Boundary, including improvements at Brant Street (BUR) (Regional Road 5)	16,413	0	0	6,408	3,604	6,401	0	0	0
PR-3128	6757	"5 1/2 Line" - New 6 lane road from Britannia Road to Steeles Avenue & Interchange at Highway 401 (MIL)	1,600	0	0	1,036	564	0	0	0	0
PR-3145	5181	Steeles Avenue - Grade Separation at CN crossing west of Bronte Street (MIL) (Regional Road 8)	1,800	0	0	1,152	648	0	0	0	0
PR-3131	6819	Steeles Avenue - Widening from 2 to 4 lanes from Tremaine Road to Industrial Drive (MIL) (Regional Road 8)	6,635	0	0	3,652	2,054	929	0	0	0
	6822	Steeles Avenue - Widening from 4 to 6 lanes (with RBL) from Trafalgar Road to Winston Churchill Boulevard (HHS) (Regional Road 8)	850	0	0	647	177	26	0	0	0
PR-3036	6808	Ninth Line - Widening from 2 to 4 lanes from Burnhamthorpe Road to Highway 407 (OAK) (Regional Road 13)	15,261	0	0	7,325	4,121	3,815	0	0	0
PR-2876B	7336	Ninth Line - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) (Regional Road 13)	15,000	0	0	6,432	3,618	4,950	0	0	0
	6824	Brant Street Widening from 4 to 6 lanes from North Service Road to Dundas Street (BUR) (Regional Road 18)	850	0	0	511	259	80	0	0	0
PR-2738	3989	Winston Churchill Blvd - Widening from 2 to 4 lanes from 2km south of 5 Side Road to potential by-pass (Halton's Share) (HHS) (Regional Road 19)	800	0	0	358	202	240	0	0	0
	7494	Norval Bypass (HHS)	2,317	0	0	1,483	834	0	0	0	0
PR-2666B	8040	Winston Church Boulevard - Widening from 4 to 6 lanes from Dundas Street to Upper Middle Road / QEW (Halton's Share) (OAK) (Regional Road 19)	304	0	0	178	74	52	0	0	0
PR-2261C	5134	Tremaine Road - New 4 lane road from Steeles Avenue to 16 Mile Creek (MIL) (Regional Road 22)	1,637	0	0	1,048	589	0	0	0	0
PR-2261C	5135	Tremaine Road - New 4 lane road from 16 Mile Creek to Tremaine Road (MIL) (Regional Road 22)	2,255	0	0	1,443	812	0	0	0	0

Note: Schedule may not add due to rounding.



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2023 TRANSPORTATION SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-2261C	5136	Tremaine Road - New 4 lane road from Tremaine Road (IC)s to Tremaine Road (IC)n (MIL) (Regional Road 22)	14,516	7,700	0	4,362	2,454	0	0	0	0
PR-2261C	5138	Tremaine Road - New 4 lane road from Tremaine Road (IC)n to JSP (MIL) (Regional Road 22)	2,790	0	0	1,786	1,004	0	0	0	0
	6830	Tremaine Road - Widening from 2 to 4 lanes from Dundas Street to Lower Base Line (OAK) (Regional Road 22)	28,262	0	0	15,917	8,954	3,391	0	0	0
	6834	Tremaine Road - Widening from 2 to 4 lanes from Lower Base Line to Britannia Road (MIL) (Regional Road 22)	8,425	0	0	5,014	2,821	590	0	0	0
	6829	Upper Middle Road - Widening from 4 to 6 lanes from Ninth Line to Winston Churchill Boulevard (OAK) (Regional Road 38)	850	0	0	744	79	27	0	0	0
PR-3303	7809	Wycroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK) (Regional Road 45)	39,793	0	0	25,468	14,325	0	0	0	0
PR-2314	5426	Active Transportation Initiatives (REG)	50	0	0	16	9	25	0	0	0
	7375	Active Transportation Infill Projects (REG)	223	0	0	71	40	112	0	0	0
PR-2875B	7928	Active Transportation Master Plan (REG)	372	0	0	238	134	0	0	0	0
PR-2389	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	1,000	0	0	320	180	500	0	0	0
PR-2888	6854	New Traffic Signals - Development (REG)	1,719	0	0	1,100	619	0	0	0	0
PR-2889	6855	New Signalized Intersections (REG)	1,532	0	0	490	276	766	0	0	0
PR-2258	5196	Travel Demand Management Initiative (REG)	50	0	0	16	9	25	0	0	0
PR-2315	5431	Traffic and Screen Line Counts & Studies (REG)	332	0	0	106	60	166	0	0	0
PR-2414	5444	Transportation Master Plan Study (REG)	1,046	0	0	669	377	0	0	0	0
PR-2877	6832	Data Management Group (REG)	157	0	0	100	57	0	0	0	0
PR-2874	6838	Growth Management Studies (REG)	523	0	0	335	188	0	0	0	0
PR-2878	6858	Cordon Count Data (REG)	52	0	0	33	19	0	0	0	0
	7568	MTO Highway Studies (REG)	131	0	0	84	47	0	0	0	0

Note: Schedule may not add due to rounding.



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2023 TRANSPORTATION SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3394	7569	Urban Design Guidelines (REG)	157	0	0	100	57	0	0	0	0
Sub-total			319,541	7,700	0	166,987	93,334	51,520	0	0	0
Maintain Current Levels of Service											
PR-3469	7486	Derry Road - Reconstruction from Milborough Line to McNiven Road (MIL) (Regional Road 7)	386	0	0	0	0	386	0	0	0
PR-3338B	7948	Campbellville Sedimentation Basin - Construction (MIL) (Regional Road 9)	603	0	0	0	0	603	0	0	0
PR-3241	7459	Winston Churchill Blvd. Roundabout and Realignment (10th Line to WCB) (HHS) (Regional Road 10)	2,114	0	0	0	0	2,114	0	0	0
PR-2464	5312	Winston Churchill Blvd - from Old Pine Crest Road to Credit River (HHS) (Regional Road 19)	1,215	0	0	0	0	1,215	0	0	0
PR-2144	7491	Winston Churchill Boulevard - 2 lane Reconstruction from 10 Side Road to 5 Side Road (Halton's Share) - 2 (HHS) (Regional Road 19)	500	0	0	0	0	500	0	0	0
PR-2236	7492	Winston Churchill Blvd - 17 Side Road to Old Pine Crest Road - 1 (HHS) (Regional Road 19)	1,758	0	0	0	0	1,758	0	0	0
PR-3469	7682	Regional Road 25 Reconstruction from North of Main Street to No. 32 Side Road (HHS) (Regional Road 25)	381	0	0	0	0	381	0	0	0
PR-3380	7960	Miscellaneous Bridges and Culverts Rehabilitation & Replacement Program (REG)	4,300	0	0	0	0	4,300	0	0	0
PR-3252	7674	Replacement Noise Attenuation Barriers (REG)	2,338	0	0	0	0	2,338	0	0	0
PR-30002	6885	Vehicle Replacements - Transportation (REG)	75	0	0	0	0	75	0	0	0
PR-3345	7666	Storm Pump Stations (REG)	270	0	0	0	0	270	0	0	0
PR-3338	7671	Storm System Construction (REG)	500	0	0	0	0	500	0	0	0

Note: Schedule may not add due to rounding.



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2023 TRANSPORTATION SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3291	7808	Regional Road Tree Replacement Program (REG)	100	0	0	0	0	100	0	0	0
PR-2515B	7850	Streetlight Program (REG)	50	0	0	0	0	50	0	0	0
PR-2662B	7851	Retaining Wall Rehabilitation & Replacement Program - Various Locations (REG)	799	0	0	0	0	799	0	0	0
PR-3035B	7856	Miscellaneous Capital Works Related to Road Resurfacing (REG)	2,112	0	0	0	0	2,112	0	0	0
PR-3342	7919	Road Resurfacing Capital Program (REG)	11,655	0	0	0	0	11,655	0	0	0
PR-3345C	7957	Appleby Fairview Storm PS Rehabilitation (BUR)	1,800	0	0	0	0	1,800	0	0	0
PR-3438	8123	Guiderail Rehabilitation & Replacement Program (REG)	750	0	0	0	0	750	0	0	0
PR-3243	7675	Storm Sewer Inspections, Studies, and Condition Assessments (REG)	100	0	0	0	0	100	0	0	0
PR-2319B	7846	Speed Reduction Education & Enforcement Campaign (REG)	135	0	0	0	0	135	0	0	0
PR-2316B	7847	Road Needs Study Update (REG)	30	0	0	0	0	30	0	0	0
PR-2416B	7848	Bridge and Culvert Inspections, Condition Assessments & Evaluation Studies (REG)	350	0	0	0	0	350	0	0	0
PR-2415B	7849	Traffic Operations & Safety Related Studies (REG)	125	0	0	0	0	125	0	0	0
PR-3079	7908	Asset Management Road Map Implementation (REG)	161	0	0	0	0	161	0	0	0
PR-3388	7958	Road Weather Information Systems (RWIS) Region-wide (REG)	50	0	0	0	0	50	0	0	0
PR-3387	7959	Road Weather Information Systems (RWIS) Inspections & Evaluation Studies (REG)	20	0	0	0	0	20	0	0	0
Sub-total			32,677	0	0	0	0	32,677	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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2023 TRANSPORTATION SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Total			352,994	7,700	0	166,987	93,334	84,973	0	0	0
Summary											
		Enhanced Levels of Service	776	0	0	0	0	776	0	0	0
		Growth	319,541	7,700	0	166,987	93,334	51,520	0	0	0
		Maintain Current Levels of Service	32,677	0	0	0	0	32,677	0	0	0
Grand Total			352,994	7,700	0	166,987	93,334	84,973	0	0	0

Note: Schedule may not add due to rounding.



**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
Efficiency and Optimization														
PR-3246	7567	Miscellaneous R.O.W. Purchases and Road Dedication Engineering & Surveys (REG)	200	0	100	100	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	20	0	10	10	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	180	0	90	90	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
		Sub - Total Efficiency and Optimization	200	0	100	100	0	0	0	0	0	0	0	0
Enhanced Levels of Service														
PR-2890B	7853	Traffic Signal Interconnect (REG)	6,200	150	150	150	250	500	1,000	1,000	1,000	1,000	1,000	1,000
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	6,200	150	150	150	250	500	1,000	1,000	1,000	1,000	1,000	1,000
PR-2891B	7854	Operational Improvements (REG)	3,203	626	626	301	301	301	248	200	200	200	200	200
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	3,203	626	626	301	301	301	248	200	200	200	200	200

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
	8195	Roads Related Capital Works [TOSS] (REG)	500	0	500	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	500	0	500	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
		Sub - Total Enhanced Levels of Service	9,903	776	1,276	451	551	801	1,248	1,200	1,200	1,200	1,200	1,200
Growth														
PR-2322	2659	Guelph Line - Widening from 4 to 6 lanes from Mainway to Upper Middle Road (BUR) (Regional Road 1)	30,126	850	0	2,498	9,582	17,196	0	0	0	0	0	0
		EA	850	850	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	2,498	0	0	2,498	0	0	0	0	0	0	0	0
		Property	9,582	0	0	0	9,582	0	0	0	0	0	0	0
		Utility Relocate	202	0	0	0	0	202	0	0	0	0	0	0
		Construction	16,994	0	0	0	0	16,994	0	0	0	0	0	0
	6805	Guelph Line - Widening from 4 to 6 lanes from Upper Middle Road to Dundas Street (Regional Road 1) (BUR)	29,256	0	0	0	0	850	2,403	8,443	330	17,230	0	0
		EA	850	0	0	0	0	850	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	2,403	0	0	0	0	0	2,403	0	0	0	0	0
		Property	8,443	0	0	0	0	0	0	8,443	0	0	0	0
		Utility Relocate	330	0	0	0	0	0	0	0	330	0	0	0
		Construction	17,230	0	0	0	0	0	0	0	0	17,230	0	0

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Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-2079D	3981	Trafalgar Road - Widening from 4 to 6 lanes from Dundas Street to Highway 407 (OAK) (Regional Road 3)	55,203	55,203	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	5,152	5,152	0	0	0	0	0	0	0	0	0	0
		Property	20,993	20,993	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	4,858	4,858	0	0	0	0	0	0	0	0	0	0
		Construction	24,200	24,200	0	0	0	0	0	0	0	0	0	0
PR-3203	3991	Trafalgar Rd - Grade Separation at CN Crossing north of Maple Ave (HHS) (Regional Road 3)	49,462	16,398	33,064	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	16,398	16,398	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	70	0	70	0	0	0	0	0	0	0	0	0
		Construction	32,994	0	32,994	0	0	0	0	0	0	0	0	0
PR-3203	5376	Trafalgar Rd - Grade Separation at Metrolinx Crossing south of Hwy 7 (HHS) (Regional Road 3)	26,851	5,765	21,086	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	4,521	4,521	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	1,314	1,244	70	0	0	0	0	0	0	0	0	0
		Construction	21,016	0	21,016	0	0	0	0	0	0	0	0	0

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Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-3472	6823	Trafalgar Road - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 3)	42,705	0	5,003	2,203	648	34,851	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	
		Design	5,003	0	5,003	0	0	0	0	0	0	0	
		Property	2,203	0	0	2,203	0	0	0	0	0	0	
		Utility Relocate	648	0	0	0	648	0	0	0	0	0	
		Construction	34,851	0	0	0	0	34,851	0	0	0	0	
PR-3197	6827	Trafalgar Road - Widening from 4 to 6 lanes from Britannia Road to Steeles Avenue including Highway 401 Structure (MIL) (Regional Road 3)	81,041	0	0	0	9,164	5,030	0	994	65,853	0	
		EA	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	
		Design	9,164	0	0	0	9,164	0	0	0	0	0	
		Property	5,030	0	0	0	0	5,030	0	0	0	0	
		Utility Relocate	994	0	0	0	0	0	0	994	0	0	
		Construction	65,853	0	0	0	0	0	0	0	65,853	0	
PR-2960B	7756	Trafalgar Road Widening from 2 to 4 Lanes from 10 Side Road to Hwy 7 (HHS) (Regional Road 3)	77,833	17,180	60,653	0	0	0	0	0	0	0	
		EA	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	
		Design	0	0	0	0	0	0	0	0	0	0	
		Property	10,628	10,628	0	0	0	0	0	0	0	0	
		Utility Relocate	6,786	6,552	234	0	0	0	0	0	0	0	
		Construction	60,419	0	60,419	0	0	0	0	0	0	0	

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Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3390	5839	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Britannia Road (MIL) (Regional Road 4)	58,005	0	3,916	23,663	30,426	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	3,916	0	3,916	0	0	0	0	0	0	0	0	0
		Property	23,017	0	0	23,017	0	0	0	0	0	0	0	0
		Utility Relocate	646	0	0	646	0	0	0	0	0	0	0	0
		Construction	30,426	0	0	0	30,426	0	0	0	0	0	0	0
	6806	James Snow Parkway - New 6 lane road from Highway 407 to Britannia Road (MIL) (Regional Road 4)	86,273	0	1,100	0	0	4,966	43,277	745	0	36,185	0	0
		EA	1,100	0	1,100	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	4,966	0	0	0	0	4,966	0	0	0	0	0	0
		Property	43,277	0	0	0	0	0	43,277	0	0	0	0	0
		Utility Relocate	745	0	0	0	0	0	0	745	0	0	0	0
		Construction	36,185	0	0	0	0	0	0	0	0	36,185	0	0
	6807	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Tremaine Road (MIL) (Regional Road 4)	110,538	850	0	9,515	31,598	1,179	0	0	67,396	0	0	0
		EA	850	850	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	9,515	0	0	9,515	0	0	0	0	0	0	0	0
		Property	31,598	0	0	0	31,598	0	0	0	0	0	0	0
		Utility Relocate	1,179	0	0	0	0	1,179	0	0	0	0	0	0
		Construction	67,396	0	0	0	0	0	0	0	67,396	0	0	0

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Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-2671B	3983	Dundas Street - Widening from 4 to 6 lanes from Tremaine Road to Bronte Road (OAK) (Regional Road 5)	21,887	21,887	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	1,593	1,593	0	0	0	0	0	0	0	0	0	0
		Property	2,618	2,618	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	1,497	1,497	0	0	0	0	0	0	0	0	0	0
		Construction	16,179	16,179	0	0	0	0	0	0	0	0	0	0
PR-3200	3984	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Northampton (BUR) (Regional Road 5)	13,194	13,194	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	660	660	0	0	0	0	0	0	0	0	0	0
		Property	362	362	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	1,310	1,310	0	0	0	0	0	0	0	0	0	0
		Construction	10,862	10,862	0	0	0	0	0	0	0	0	0	0
PR-2550	5180	Dundas Street - Widening from 4 to 6 lanes from Northampton to Appleby Line (BUR) (Regional Road 5)	20,512	20,512	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	1,215	1,215	0	0	0	0	0	0	0	0	0	0
		Property	498	498	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	2,715	2,715	0	0	0	0	0	0	0	0	0	0
		Construction	16,084	16,084	0	0	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3207B	7487	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Halton/Hamilton Boundary, including improvements at Brant Street (BUR) (Regional Road 5)	54,689	16,413	0	38,276	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	921	921	0	0	0	0	0	0	0	0	0	0
		Property	11,480	11,480	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	4,012	4,012	0	0	0	0	0	0	0	0	0	0
		Construction	38,276	0	0	38,276	0	0	0	0	0	0	0	0
PR-3128	6757	"5 1/2 Line" - New 6 lane road from Britannia Road to Steeles Avenue & Interchange at Highway 401 (MIL)	182,811	1,600	0	11,031	0	91,042	0	0	897	78,241	0	
		EA	1,600	1,600	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	11,031	0	0	11,031	0	0	0	0	0	0	0	
		Property	91,042	0	0	0	0	91,042	0	0	0	0	0	
		Utility Relocate	897	0	0	0	0	0	0	0	897	0	0	
		Construction	78,241	0	0	0	0	0	0	0	0	78,241	0	
	6804	Derry Road - Widening from 4 to 6 lanes from Tremaine Road to Highway 407 (MIL) (Regional Road 7)	132,210	0	0	0	850	0	14,174	11,665	1,968	103,553	0	
		EA	850	0	0	0	850	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	14,174	0	0	0	0	0	14,174	0	0	0	0	
		Property	11,665	0	0	0	0	0	0	11,665	0	0	0	
		Utility Relocate	1,968	0	0	0	0	0	0	0	1,968	0	0	
		Construction	103,553	0	0	0	0	0	0	0	0	103,553	0	

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-3145	5181	Steeles Avenue - Grade Separation at CN crossing west of Bronte Street (MIL) (Regional Road 8)	22,019	1,800	0	0	20,219	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	1,800	1,800	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	20,219	0	0	0	20,219	0	0	0	0	0	0
PR-3131	6819	Steeles Avenue - Widening from 2 to 4 lanes from Tremaine Road to Industrial Drive (MIL) (Regional Road 8)	52,420	6,635	12,935	313	32,537	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	6,635	6,635	0	0	0	0	0	0	0	0	0
		Property	12,935	0	12,935	0	0	0	0	0	0	0	0
		Utility Relocate	313	0	0	313	0	0	0	0	0	0	0
		Construction	32,537	0	0	0	32,537	0	0	0	0	0	0
PR-3381	6821	Steeles Avenue - Widening from 4 to 6 lanes from Regional Road 25 to Trafalgar Road (MIL) (Regional Road 8)	83,046	0	0	18,082	0	64,964	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	16,854	0	0	16,854	0	0	0	0	0	0	0
		Utility Relocate	1,228	0	0	1,228	0	0	0	0	0	0	0
		Construction	64,964	0	0	0	0	64,964	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6822	Steeles Avenue - Widening from 4 to 6 lanes (with RBL) from Trafalgar Road to Winston Churchill Boulevard (HHS) (Regional Road 8)	60,434	850	0	5,566	13,287	763	39,968	0	0	0	0
		EA	850	850	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	5,566	0	0	5,566	0	0	0	0	0	0	0
		Property	13,287	0	0	0	13,287	0	0	0	0	0	0
		Utility Relocate	763	0	0	0	0	763	0	0	0	0	0
		Construction	39,968	0	0	0	0	0	39,968	0	0	0	0
	6758	10 Side Road - Widening from 2 to 4 lanes from Trafalgar Road to Winston Churchill Boulevard (HHS) (Regional Road 10)	65,032	0	0	850	0	4,944	0	23,361	787	35,090	0
		EA	850	0	0	850	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	4,944	0	0	0	0	4,944	0	0	0	0	0
		Property	23,361	0	0	0	0	0	0	23,361	0	0	0
		Utility Relocate	787	0	0	0	0	0	0	0	787	0	0
		Construction	35,090	0	0	0	0	0	0	0	0	35,090	0
PR-3036	6808	Ninth Line - Widening from 2 to 4 lanes from Burnhamthorpe Road to Highway 407 (OAK) (Regional Road 13)	15,261	15,261	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	15,261	15,261	0	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3037	6809	Ninth Line - Widening from 2 to 4 lanes from Dundas Street to Burnhamthorpe Road (OAK) (Regional Road 13)	13,394	0	1,475	11,919	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	1,475	0	1,475	0	0	0	0	0	0	0	0	0
		Construction	11,919	0	0	11,919	0	0	0	0	0	0	0	0
PR-2876B	7336	Ninth Line - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) (Regional Road 13)	62,133	15,000	967	0	46,166	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	15,000	15,000	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	967	0	967	0	0	0	0	0	0	0	0	0
		Construction	46,166	0	0	0	46,166	0	0	0	0	0	0	0
	6824	Brant Street Widening from 4 to 6 lanes from North Service Road to Dundas Street (BUR) (Regional Road 18)	59,804	850	0	3,902	26,993	28,059	0	0	0	0	0	0
		EA	850	850	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	3,902	0	0	3,902	0	0	0	0	0	0	0	0
		Property	26,457	0	0	0	26,457	0	0	0	0	0	0	0
		Utility Relocate	536	0	0	0	536	0	0	0	0	0	0	0
		Construction	28,059	0	0	0	0	28,059	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-2738	3989	Winston Churchill Blvd - Widening from 2 to 4 lanes from 2km south of 5 Side Road to potential by-pass (Halton's Share) (HHS) (Regional Road 19)	12,754	800	1,782	0	10,172	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	0	0	0	0	0	0	0	0	0	0	0	
		Property	800	800	0	0	0	0	0	0	0	0	0	
		Utility Relocate	1,782	0	1,782	0	0	0	0	0	0	0	0	
		Construction	10,172	0	0	0	10,172	0	0	0	0	0	0	
PR-2959	6448	Winston Churchill Boulevard - Widening from 4 to 6 lanes from Highway 401 to Steeles Avenue (Halton's Share) (HHS) (Regional Road 19)	2,742	0	0	0	2,742	0	0	0	0	0	0	
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	0	0	0	0	0	0	0	0	0	0	0	
		Property	0	0	0	0	0	0	0	0	0	0	0	
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	
		Construction	2,742	0	0	0	2,742	0	0	0	0	0	0	
PR-3208	6846	Winston Churchill Boulevard - Widening from 4 to 6 lanes 2km south of 5 Side Road to 5 Side Road (Halton's Share) (HHS) (Regional Road 19)	6,741	0	0	797	0	0	0	788	5,156	0	0	
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	797	0	0	797	0	0	0	0	0	0	0	
		Property	0	0	0	0	0	0	0	0	0	0	0	
		Utility Relocate	788	0	0	0	0	0	0	788	0	0	0	
		Construction	5,156	0	0	0	0	0	0	0	5,156	0	0	

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6847	Winston Churchill Boulevard Widening 5-7 lanes from Steeles Avenue to 2 km South of 5 Side Road (Halton's Share) (HHS) (Regional Road 19)	1,035	0	0	0	0	0	452	0	0	583	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	452	0	0	0	0	0	452	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	583	0	0	0	0	0	0	0	0	583	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
	7494	Norval Bypass (HHS)	33,650	2,317	4,282	374	26,677	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	2,317	2,317	0	0	0	0	0	0	0	0	0
		Property	4,282	0	4,282	0	0	0	0	0	0	0	0
		Utility Relocate	374	0	0	374	0	0	0	0	0	0	0
		Construction	26,677	0	0	0	26,677	0	0	0	0	0	0
PR-2666B	8040	Winston Church Boulevard - Widening from 4 to 6 lanes from Dundas Street to Upper Middle Road / QEW (Halton's Share) (OAK) (Regional Road 19)	11,327	304	0	1,266	0	2,955	0	810	5,992	0	0
		EA	304	304	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	1,266	0	0	1,266	0	0	0	0	0	0	0
		Property	2,955	0	0	0	0	2,955	0	0	0	0	0
		Utility Relocate	810	0	0	0	0	0	0	810	0	0	0
		Construction	5,992	0	0	0	0	0	0	0	5,992	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6812	Appleby Line - Widening from 4 to 6 lanes from Fairview Street to Taywood Drive (BUR) (Regional Road 20)	67,404	0	0	7,560	0	5,635	759	53,450	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	7,560	0	0	7,560	0	0	0	0	0	0	0
		Property	5,635	0	0	0	0	5,635	0	0	0	0	0
		Utility Relocate	759	0	0	0	0	0	759	0	0	0	0
		Construction	53,450	0	0	0	0	0	0	53,450	0	0	0
	7689	Appleby Line at Harvester Road (Intersection Improvements) (BUR) (Regional Road 20)	4,622	0	0	603	4,019	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	603	0	0	603	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	81	0	0	0	81	0	0	0	0	0	0
		Construction	3,938	0	0	0	3,938	0	0	0	0	0	0
	6803	Burloak Drive - Widening from 4 to 6 lanes from Harvester Road to Upper Middle Road (BUR) (Regional Road 21)	43,277	0	0	850	4,491	6,041	414	31,481	0	0	0
		EA	850	0	0	850	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	4,491	0	0	0	4,491	0	0	0	0	0	0
		Property	6,041	0	0	0	0	6,041	0	0	0	0	0
		Utility Relocate	414	0	0	0	0	0	414	0	0	0	0
		Construction	31,481	0	0	0	0	0	0	31,481	0	0	0

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Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
	7485	Burloak Drive - (CONSTRUCTION ONLY) 4 lane urbanization from north of QEW to Upper Middle Road (BUR) (Regional Road 21)	3,442	0	3,442	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	3,442	0	3,442	0	0	0	0	0	0	0	0	0
	6810	North Service Road - New 4 lanes from Burloak Drive to Bronte Road (OAK)	93,411	0	0	0	1,100	0	11,762	355	330	79,864	0	
		EA	1,100	0	0	0	1,100	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	11,762	0	0	0	0	0	11,762	0	0	0	0	
		Property	355	0	0	0	0	0	0	355	0	0	0	
		Utility Relocate	330	0	0	0	0	0	0	0	330	0	0	
		Construction	79,864	0	0	0	0	0	0	0	0	79,864	0	
PR-2261C	5134	Tremaine Road - New 4 lane road from Steeles Avenue to 16 Mile Creek (MIL) (Regional Road 22)	1,637	1,637	0	0	0	0	0	0	0	0	0	
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	0	0	0	0	0	0	0	0	0	0	0	
		Property	0	0	0	0	0	0	0	0	0	0	0	
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	
		Construction	1,637	1,637	0	0	0	0	0	0	0	0	0	

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-2261C	5135	Tremaine Road - New 4 lane road from 16 Mile Creek to Tremaine Road (MIL) (Regional Road 22)	2,255	2,255	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	2,255	2,255	0	0	0	0	0	0	0	0	0	0
PR-2261C	5136	Tremaine Road - New 4 lane road from Tremaine Road (IC)s to Tremaine Road (IC)n (MIL) (Regional Road 22)	14,516	14,516	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	14,516	14,516	0	0	0	0	0	0	0	0	0	0
PR-2261C	5138	Tremaine Road - New 4 lane road from Tremaine Road (IC)n to JSP (MIL) (Regional Road 22)	2,790	2,790	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	2,790	2,790	0	0	0	0	0	0	0	0	0	0

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Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
	5845	Tremaine Road - Widening from 4 to 6 lanes from Highway 401 to Derry Road (MIL) (Regional Road 22)	95,866	0	0	0	0	0	0	0	11,558	5,563	78,745	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	11,558	0	0	0	0	0	0	0	11,558	0	0	0
		Property	4,674	0	0	0	0	0	0	0	0	4,674	0	0
		Utility Relocate	889	0	0	0	0	0	0	0	0	889	0	0
		Construction	78,745	0	0	0	0	0	0	0	0	0	78,745	0
	6830	Tremaine Road - Widening from 2 to 4 lanes from Dundas Street to Lower Base Line (OAK) (Regional Road 22)	64,664	28,262	36,402	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	5,442	5,442	0	0	0	0	0	0	0	0	0	0
		Property	22,141	22,141	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	679	679	0	0	0	0	0	0	0	0	0	0
		Construction	36,402	0	36,402	0	0	0	0	0	0	0	0	0
	6834	Tremaine Road - Widening from 2 to 4 lanes from Lower Base Line to Britannia Road (MIL) (Regional Road 22)	36,864	8,425	501	27,938	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	3,983	3,983	0	0	0	0	0	0	0	0	0	0
		Property	4,442	4,442	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	501	0	501	0	0	0	0	0	0	0	0	0
		Construction	27,938	0	0	27,938	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3430	6811	Regional Road 25 - Widening from 2 to 4 lanes from 5 Side Road to 10 Side Road (HHS) (Regional Road 25)	19,690	0	1,123	10,005	485	8,077	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	1,123	0	1,123	0	0	0	0	0	0	0	0	0
		Property	10,005	0	0	10,005	0	0	0	0	0	0	0	0
		Utility Relocate	485	0	0	0	485	0	0	0	0	0	0	0
		Construction	8,077	0	0	0	0	8,077	0	0	0	0	0	0
PR-3379	6814	Regional Road 25 - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 25)	66,768	0	0	13,421	964	52,383	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	7,313	0	0	7,313	0	0	0	0	0	0	0	0
		Property	6,108	0	0	6,108	0	0	0	0	0	0	0	0
		Utility Relocate	964	0	0	0	964	0	0	0	0	0	0	0
		Construction	52,383	0	0	0	0	52,383	0	0	0	0	0	0
PR-3392	6815	Regional Road 25 - Widening from 4 to 6 lanes from Britannia Road to Derry Road (MIL) (Regional Road 25)	28,281	0	0	4,338	498	23,445	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	3,153	0	0	3,153	0	0	0	0	0	0	0	0
		Property	1,185	0	0	1,185	0	0	0	0	0	0	0	0
		Utility Relocate	498	0	0	0	498	0	0	0	0	0	0	0
		Construction	23,445	0	0	0	0	23,445	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3130	6817	Regional Road 25 - Widening from 4 to 6 lanes from Steeles Avenue to 5 Side Road (MIL) (Regional Road 25)	52,686	0	1,119	0	51,567	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	0	0	0	0	0	0	0	0	0	0	0	
		Property	1,119	0	1,119	0	0	0	0	0	0	0	0	
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	
		Construction	51,567	0	0	0	51,567	0	0	0	0	0	0	
PR-3379	6818	Bronte Road - Widening from 4 to 6 lanes from Speers Road to Highway 407 (OAK) (Regional Road 25)	84,804	0	0	22,720	1,050	61,034	0	0	0	0	0	
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	8,507	0	0	8,507	0	0	0	0	0	0	0	
		Property	14,213	0	0	14,213	0	0	0	0	0	0	0	
		Utility Relocate	1,050	0	0	0	1,050	0	0	0	0	0	0	
		Construction	61,034	0	0	0	0	61,034	0	0	0	0	0	
	6825	Upper Middle Road - Widening from 4 to 6 lanes from Appleby Line to Burloak Drive (BUR) (Regional Road 38)	20,423	0	0	850	0	2,367	0	333	16,873	0	0	
		EA	850	0	0	850	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	2,367	0	0	0	0	2,367	0	0	0	0	0	
		Property	0	0	0	0	0	0	0	0	0	0	0	
		Utility Relocate	333	0	0	0	0	0	0	333	0	0	0	
		Construction	16,873	0	0	0	0	0	0	0	16,873	0	0	

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6826	Upper Middle Road - Widening from 4 to 6 lanes from Trafalgar Road to Grand Boulevard (OAK) (Regional Road 38)	30,365	0	850	2,564	8,472	326	18,153	0	0	0	0
		EA	850	0	850	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	2,564	0	0	2,564	0	0	0	0	0	0	0
		Property	8,472	0	0	0	8,472	0	0	0	0	0	0
		Utility Relocate	326	0	0	0	0	326	0	0	0	0	0
		Construction	18,153	0	0	0	0	0	18,153	0	0	0	0
	6828	Upper Middle Road - Widening from 4 to 6 lanes from Bronte Road to Neyagawa Boulevard (OAK) (Regional Road 38)	51,785	0	850	0	5,798	3,103	850	41,184	0	0	0
		EA	850	0	850	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	5,798	0	0	0	5,798	0	0	0	0	0	0
		Property	3,103	0	0	0	0	3,103	0	0	0	0	0
		Utility Relocate	850	0	0	0	0	0	850	0	0	0	0
		Construction	41,184	0	0	0	0	0	0	41,184	0	0	0
	6829	Upper Middle Road - Widening from 4 to 6 lanes from Ninth Line to Winston Churchill Boulevard (OAK) (Regional Road 38)	28,574	850	0	3,150	2,000	414	22,160	0	0	0	0
		EA	850	850	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	3,150	0	0	3,150	0	0	0	0	0	0	0
		Property	2,000	0	0	0	2,000	0	0	0	0	0	0
		Utility Relocate	414	0	0	0	0	414	0	0	0	0	0
		Construction	22,160	0	0	0	0	0	22,160	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	7338	Upper Middle Road - Widening from 4 to 6 lanes from Neyagawa Boulevard to Trafalgar Road (OAK) (Regional Road 38)	37,198	0	850	0	2,490	0	16,284	355	17,219	0	0
		EA	850	0	850	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	2,490	0	0	0	2,490	0	0	0	0	0	0
		Property	16,284	0	0	0	0	0	16,284	0	0	0	0
		Utility Relocate	355	0	0	0	0	0	0	355	0	0	0
		Construction	17,219	0	0	0	0	0	0	0	17,219	0	0
	7339	Upper Middle Road - Widening from 4 to 6 lanes from Grand Boulevard to Ninth Line (OAK) (Regional Road 38)	10,113	0	850	0	1,028	0	732	137	7,366	0	0
		EA	850	0	850	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	1,028	0	0	0	1,028	0	0	0	0	0	0
		Property	732	0	0	0	0	0	732	0	0	0	0
		Utility Relocate	137	0	0	0	0	0	0	137	0	0	0
		Construction	7,366	0	0	0	0	0	0	0	7,366	0	0
	8272	William Halton Parkway (CONSTRUCTION ONLY) - 2 to 4 lanes from Old Bronte Road to Hospital Gate (OAK) (Regional Road 40)	5,846	0	5,846	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	5,846	0	5,846	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3303	7809	Wyecroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK) (Regional Road 45)	39,793	39,793	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	5,250	5,250	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	34,543	34,543	0	0	0	0	0	0	0	0	0	0
PR-2314	5426	Active Transportation Initiatives (REG)	450	50	50	50	50	50	50	50	50	50	50	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	450	50	50	50	50	50	50	50	50	50	50	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
	7375	Active Transportation Infill Projects (REG)	223	223	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	223	223	0	0	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-2875B	7928	Active Transportation Master Plan (REG)	744	372	0	0	0	0	0	372	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	744	372	0	0	0	0	0	372	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
PR-2389	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	9,170	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,085	1,085	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	9,170	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,085	1,085	0
PR-2888	6854	New Traffic Signals - Development (REG)	15,471	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	15,471	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-2889	6855	New Signalized Intersections (REG)	9,068	1,532	628	1,256	628	1,256	628	1,256	628	1,256	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	9,068	1,532	628	1,256	628	1,256	628	1,256	628	1,256	0
PR-2258	5196	Travel Demand Management Initiative (REG)	450	50	50	50	50	50	50	50	50	50	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	450	50	50	50	50	50	50	50	50	50	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-2315	5431	Traffic and Screen Line Counts & Studies (REG)	1,692	332	157	157	261	157	157	157	157	157	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,692	332	157	157	261	157	157	157	157	157	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0

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Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-2414	5444	Transportation Master Plan Study (REG)	2,092	1,046	0	0	0	0	1,046	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	2,092	1,046	0	0	0	0	1,046	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-2877	6832	Data Management Group (REG)	1,413	157	157	157	157	157	157	157	157	157	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,413	157	157	157	157	157	157	157	157	157	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-3070	6833	Transportation Tomorrow Survey (REG)	210	0	0	0	105	0	0	0	0	105	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	210	0	0	0	105	0	0	0	0	105	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3117	6837	Development Charge Background Study (REG)	942	0	0	0	471	0	0	0	0	0	471	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	942	0	0	0	471	0	0	0	0	0	471	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
PR-2874	6838	Growth Management Studies (REG)	4,707	523	523	523	523	523	523	523	523	523	523	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	4,707	523	523	523	523	523	523	523	523	523	523	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
PR-2878	6858	Cordon Count Data (REG)	574	52	52	52	105	52	52	52	52	52	105	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	574	52	52	52	105	52	52	52	52	52	105	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
	7568	MTO Highway Studies (REG)	1,179	131	131	131	131	131	131	131	131	131	131	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	1,179	131	131	131	131	131	131	131	131	131	131	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
PR-3394	7569	Urban Design Guidelines (REG)	314	157	0	0	0	0	0	0	157	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	314	157	0	0	0	0	0	0	157	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0	0
		Sub - Total Growth	2,530,161	319,541	202,563	229,349	350,223	424,719	177,273	190,911	200,282	435,300	0	0
Maintain Current Levels of Service														
PR-3469	7486	Derry Road - Reconstruction from Milborough Line to McNiven Road (MIL) (Regional Road 7)	2,801	386	0	2,415	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	386	386	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	2,415	0	0	2,415	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	7739	Derry Road Reconstruction from Guelph Line to Walkers Line, and Derry Road Reconstruction from Appleby Line to Tremaine Road (MIL) (Regional Road 7)	7,557	0	0	0	0	843	0	6,714	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	843	0	0	0	0	843	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	6,714	0	0	0	0	0	0	6,714	0	0	0
	7741	Derry Road Reconstruction from Twiss to Guelph Line, and Derry Road Reconstruction from Walkers Line to Appleby Line (BUR) (Regional Road 7)	5,737	0	0	0	0	0	641	0	5,096	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	641	0	0	0	0	0	641	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	5,096	0	0	0	0	0	0	0	5,096	0	0
	7740	Campbellville Road Reconstruction from Milborough Line to 400m East of Twiss Road (MIL) (Regional Road 9)	6,037	0	0	0	0	0	675	0	5,362	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	675	0	0	0	0	0	675	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	5,362	0	0	0	0	0	0	0	5,362	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3338B	7948	Campbellville Sedimentation Basin - Construction (MIL) (Regional Road 9)	603	603	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	603	603	0	0	0	0	0	0	0	0	0	0
PR-3241	7459	Winston Churchill Blvd. Roundabout and Realignment (10th Line to WCB) (HHS) (Regional Road 10)	2,114	2,114	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	2,114	2,114	0	0	0	0	0	0	0	0	0	0
	7683	Brant Street Reconstruction from Fairview Street to QEW (BUR) (Regional Road 18)	7,096	0	0	0	792	0	6,304	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	792	0	0	0	792	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	6,304	0	0	0	0	0	6,304	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-2464	5312	Winston Churchill Blvd - from Old Pine Crest Road to Credit River (HHS) (Regional Road 19)	1,215	1,215	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	1,215	1,215	0	0	0	0	0	0	0	0	0	0
PR-2144	7491	Winston Churchill Boulevard - 2 lane Reconstruction from 10 Side Road to 5 Side Road (Halton's Share) - 2 (HHS) (Regional Road 19)	4,897	500	0	4,397	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	4,897	500	0	4,397	0	0	0	0	0	0	0	0
PR-2236	7492	Winston Churchill Blvd - 17 Side Road to Old Pine Crest Road - 1 (HHS) (Regional Road 19)	1,758	1,758	0	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	1,758	1,758	0	0	0	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3469	7682	Regional Road 25 Reconstruction from North of Main Street to No. 32 Side Road (HHS) (Regional Road 25)	2,605	381	0	2,224	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	381	381	0	0	0	0	0	0	0	0	0	
		Property	0	0	0	0	0	0	0	0	0	0	0	
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	
		Construction	2,224	0	0	2,224	0	0	0	0	0	0	0	
PR-3380	7960	Miscellaneous Bridges and Culverts Rehabilitation & Replacement Program (REG)	13,747	4,300	3,907	203	1,814	1,023	500	500	500	500	500	
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	0	0	0	0	0	0	0	0	0	0	0	
		Design	0	0	0	0	0	0	0	0	0	0	0	
		Property	0	0	0	0	0	0	0	0	0	0	0	
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	
		Construction	13,747	4,300	3,907	203	1,814	1,023	500	500	500	500	500	
PR-3252	7674	Replacement Noise Attenuation Barriers (REG)	12,818	2,338	1,817	1,506	2,910	0	22	3,436	789	0	0	
		EA	0	0	0	0	0	0	0	0	0	0	0	
		Study	89	0	22	45	0	0	22	0	0	0	0	
		Design	439	136	101	202	0	0	0	0	0	0	0	
		Property	0	0	0	0	0	0	0	0	0	0	0	
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	
		Construction	12,290	2,202	1,694	1,259	2,910	0	0	3,436	789	0	0	

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-30002V	6885	Vehicle Replacements - Transportation (REG)	421	75	0	123	0	0	0	0	0	84	0	139
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	421	75	0	123	0	0	0	0	0	84	0	139
PR-3345	7666	Storm Pump Stations (REG)	688	270	0	0	114	100	120	51	0	0	0	33
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	688	270	0	0	114	100	120	51	0	0	0	33
PR-3338	7671	Storm System Construction (REG)	2,000	500	500	500	500	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	2,000	500	500	500	500	0	0	0	0	0	0	0

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**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR										
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*	
PR-3291	7808	Regional Road Tree Replacement Program (REG)	300	100	100	100	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	300	100	100	100	0	0	0	0	0	0	0	0
PR-2515B	7850	Streetlight Program (REG)	5,950	50	100	50	250	500	1,000	1,000	1,000	1,000	1,000	1,000
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	5,950	50	100	50	250	500	1,000	1,000	1,000	1,000	1,000	1,000
PR-2662B	7851	Retaining Wall Rehabilitation & Replacement Program - Various Locations (REG)	1,321	799	0	0	152	370	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0	0
		Construction	1,321	799	0	0	152	370	0	0	0	0	0	0

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-3035B	7856	Miscellaneous Capital Works Related to Road Resurfacing (REG)	18,652	2,112	2,265	2,276	2,314	1,833	1,435	1,321	1,811	1,735	1,550
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	18,652	2,112	2,265	2,276	2,314	1,833	1,435	1,321	1,811	1,735	1,550
PR-3342	7919	Road Resurfacing Capital Program (REG)	102,682	11,655	12,469	12,454	12,523	9,945	7,929	7,400	9,980	9,537	8,790
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	102,682	11,655	12,469	12,454	12,523	9,945	7,929	7,400	9,980	9,537	8,790
PR-3345C	7957	Appleby Fairview Storm PS Rehabilitation (BUR)	1,800	1,800	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	1,800	1,800	0	0	0	0	0	0	0	0	0

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-3438	8123	Guiderail Rehabilitation & Replacement Program (REG)	2,832	750	575	250	1,153	0	0	41	63	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	2,832	750	575	250	1,153	0	0	41	63	0	0
PR-2526	5644	Region-wide Traffic Operations Study Update (REG)	600	0	300	0	0	0	0	300	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	600	0	300	0	0	0	0	300	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-3242	7672	Replacement Noise Attenuation Studies (REG)	700	0	100	50	100	50	100	50	100	50	100
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	700	0	100	50	100	50	100	50	100	50	100
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-3243	7675	Storm Sewer Inspections, Studies, and Condition Assessments (REG)	1,000	100	100	100	100	100	100	100	100	100	100
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,000	100	100	100	100	100	100	100	100	100	100
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-2192B	7844	Transportation Infrastructure Management System (REG)	450	0	0	150	0	0	150	0	0	150	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	450	0	0	150	0	0	150	0	0	150	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-2319B	7846	Speed Reduction Education & Enforcement Campaign (REG)	670	135	135	50	50	50	50	50	50	50	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	670	135	135	50	50	50	50	50	50	50	50
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-2316B	7847	Road Needs Study Update (REG)	480	30	50	50	50	50	50	50	50	50	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	480	30	50	50	50	50	50	50	50	50	50
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-2416B	7848	Bridge and Culvert Inspections, Condition Assessments & Evaluation Studies (REG)	1,609	350	447	50	153	50	153	50	153	50	153
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,609	350	447	50	153	50	153	50	153	50	153
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-2415B	7849	Traffic Operations & Safety Related Studies (REG)	1,150	125	105	125	105	125	105	125	105	125	105
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,150	125	105	125	105	125	105	125	105	125	105
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-3336	7907	Retaining Wall Inspections, Condition Assessments and Evaluation Studies (REG)	200	0	40	0	40	0	40	0	40	0	40
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	200	0	40	0	40	0	40	0	40	0	40
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-3079	7908	Asset Management Road Map Implementation (REG)	1,427	161	744	94	95	83	50	50	50	50	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,427	161	744	94	95	83	50	50	50	50	50
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
PR-3388	7958	Road Weather Information Systems (RWIS) Region-wide (REG)	170	50	0	20	50	0	0	0	0	50	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	170	50	0	20	50	0	0	0	0	50	0

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

**2023-2032 TRANSPORTATION FORECAST
PROJECT FORECAST LISTING 2023 (000 DOLLARS)**

PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
PR-3387	7959	Road Weather Information Systems (RWIS) Inspections & Evaluation Studies (REG)	60	20	0	0	20	0	0	20	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	60	20	0	0	20	0	0	20	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	0	0	0	0	0	0	0	0	0	0	0
		Construction	0	0	0	0	0	0	0	0	0	0	0
		Sub - Total Maintain Current Levels of Service	214,147	32,677	23,754	27,187	23,285	15,122	19,424	21,258	25,333	13,447	12,660
		TOTAL Required Financing	2,754,411	352,994	227,693	257,087	374,059	440,642	197,945	213,369	226,815	449,947	13,860

* The Transportation Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

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2023 WASTE MANAGEMENT SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Efficiency and Optimization											
PR-3436	8180	Compost Pad Expansion (REG)	474	0	0	0	0	474	0	0	0
PR-3463	8260	Alternatives to Petroleum-Based Fuels Study for Waste Collection Vehicles (REG)	100	0	0	0	0	100	0	0	0
PR-3463	8261	Drop-off Depot Feasibility Study (REG)	250	0	0	0	0	250	0	0	0
Sub-total			824	0	0	0	0	824	0	0	0
Maintain Current Levels of Service											
PR-3172	5629	Halton Waste Management Site- Cell 4 West (REG)	2,500	0	0	0	0	2,500	0	0	0
	6888	Vehicle Replacements - Waste Management (REG)	164	0	0	0	0	164	0	0	0
PR-3468	6995	Closed Landfill Environmental Management Plan - 2023-2024 (REG)	125	0	0	0	0	125	0	0	0
PR-3466	7006	Equipment Replacement - Bulldozer - 2023 (REG)	1,400	0	0	0	0	1,400	0	0	0
PR-3467	7094	Equipment Replacement - Compactor (REG)	1,500	0	0	0	0	1,500	0	0	0
PR-3433	7796	Halton Waste Management Facility - SCADA Upgrades (REG)	229	0	0	0	0	229	0	0	0
PR-3079	7874	Asset Management Road Map Implementation (REG)	161	0	0	0	0	161	0	0	0
PR-3385C	8030	HWMS - Roads Upgrades and Surfacing (REG)	200	0	0	0	0	200	0	0	0
PR-3235B	8042	GPS System Landfil Equipment Replacement (REG)	150	0	0	0	0	150	0	0	0
PR-2741B	8096	Landfill Gas System - Phase2 (REG) (REG)	75	0	0	0	0	75	0	0	0
PR-2365B	8104	Halton Waste Management Site - Final Cover - Erosion Control & Vegetation	50	0	0	0	0	50	0	0	0
PR-3436	8269	Transfer Station Study & Construction (REG)	784	0	0	0	0	784	0	0	0

Note: Schedule may not add due to rounding.



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WASTE MANAGEMENT-CAPITAL

BUDGET & BUSINESS PLAN

2023 WASTE MANAGEMENT SYSTEM PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Sub-total			7,338	0	0	0	0	7,338	0	0	0
<u>Regulation and Environmental Protection</u>											
PR-3435	8160	Automated Wheeled Cart Pilot Study (Reg)	500	0	70	180	0	250	0	0	0
Sub-total			500	0	70	180	0	250	0	0	0
Total			8,662	0	70	180	0	8,412	0	0	0
Summary											
		Efficiency and Optimization	824	0	0	0	0	824	0	0	0
		Maintain Current Levels of Service	7,338	0	0	0	0	7,338	0	0	0
		Regulation and Environmental Protection	500	0	70	180	0	250	0	0	0
Grand Total			8,662	0	70	180	0	8,412	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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WASTE MANAGEMENT-CAPITAL

BUDGET & BUSINESS PLAN

2023-2032 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Efficiency and Optimization													
PR-3436	8180	Compost Pad Expansion (REG)	1,403	474	0	929	0	0	0	0	0	0	0
PR-3463	8260	Alternatives to Petroleum-Based Fuels Study for Waste Collection Vehicles (REG)	100	100	0	0	0	0	0	0	0	0	0
PR-3463	8261	Drop-off Depot Feasibility Study (REG)	250	250	0	0	0	0	0	0	0	0	0
		Sub-total	1,753	824	0	929	0	0	0	0	0	0	0
Maintain Current Levels of Service													
PR-2368	5479	Halton Waste Management Site - Purchase Buffer Lands (REG)	1,500	0	500	0	500	0	500	0	0	0	0
PR-3172	5629	Halton Waste Management Site- Cell 4 West (REG)	17,500	2,500	0	15,000	0	0	0	0	0	0	0
	7219	HWMS - Scales Upgrade (REG)	70	0	10	0	50	0	0	10	0	0	0
	7291	Halton Waste Management Site - Tarping Machine Replacement (REG)	120	0	0	120	0	0	0	0	0	0	0
	7638	Halton Waste Management Site - Grey Water Tank Replacement (REG)	110	0	100	0	0	0	10	0	0	0	0
	7641	Halton Waste Management Site - Leachate System (REG)	515	0	0	0	0	50	465	0	0	0	0
	7642	Halton Waste Management Site - Site Works (REG)	584	0	0	0	0	50	534	0	0	0	0
	7795	Halton Waste Management Site - Buildings Management Site - 2028 (REG)	148	0	0	0	0	0	148	0	0	0	0
PR-3433	7796	Halton Waste Management Facility - SCADA Upgrades (REG)	229	229	0	0	0	0	0	0	0	0	0
PR-3436	7872	Halton Waste Management Site Optimization - Phase 2 (REG)	1,973	0	0	1,973	0	0	0	0	0	0	0
PR-3385C	8030	HWMS - Roads Upgrades and Surfacing (REG)	275	200	0	0	75	0	0	0	0	0	0
PR-2365B	8104	Halton Waste Management Site - Final Cover - Erosion Control & Vegetation	225	50	0	50	0	125	0	0	0	0	0
PR-1742B	8122	Halton Waste Management Site - Litter Control Fence - Phase2 (REG)	100	0	50	0	0	0	50	0	0	0	0

Note: Schedule may not add due to rounding.



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WASTE MANAGEMENT-CAPITAL

BUDGET & BUSINESS PLAN

2023-2032 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	8200	Landfill Gas Collection & Flaring System - Lifecycle Model (REG)	9,426	0	0	0	1,644	1,346	1,283	1,261	1,346	1,266	1,280
	8202	Roads (Waste) - Lifecycle Model (REG)	310	0	0	0	0	0	0	69	0	122	119
	8252	Landfill - Lifecycle Model (REG)	13,231	0	0	0	3,376	1,576	2,921	1,421	1,373	1,303	1,261
PR-3468	6995	Closed Landfill Environmental Management Plan - 2023-2024 (REG)	425	125	300	0	0	0	0	0	0	0	0
PR-3466	7006	Equipment Replacement - Bulldozer - 2023 (REG)	2,800	1,400	0	0	0	0	1,400	0	0	0	0
PR-3467	7094	Equipment Replacement - Compactor (REG)	3,000	1,500	0	0	0	0	1,500	0	0	0	0
PR-3235B	8042	GPS System Landfil Equipment Replacement (REG)	300	150	0	0	0	0	150	0	0	0	0
	8129	Transfer Station Demolition & Relocation (REG)	200	0	0	0	200	0	0	0	0	0	0
PR-3436	8269	Transfer Station Study & Construction (REG)	7,884	784	0	7,100	0	0	0	0	0	0	0
PR-2741B	8096	Landfill Gas System - Phase2 (REG) (REG)	1,940	75	90	55	100	220	30	1,325	45	0	0
	6997	Solid Waste Management Strategy 2030 (REG)	500	0	0	0	0	500	0	0	0	0	0
PR-3173	6998	Buildings Assessment for Household Hazardous Waste - Study (REG)	20	0	0	0	0	0	20	0	0	0	0
PR-3239	6999	Building Assessment for Household Hazardous Waste - Rehab (REG)	75	0	0	0	0	0	0	75	0	0	0
PR-3079	7874	Asset Management Road Map Implementation (REG)	1,427	161	744	94	95	83	50	50	50	50	50
PR-3384	7964	Infrastructure Condition Assessments (REG)	100	0	0	0	50	0	0	0	0	50	0
	7965	Transfer Station - Building Condition Assessment Study (REG)	50	0	0	0	0	0	50	0	0	0	0
	7966	Transfer Station - Building Condition Assessment Rehab (REG)	150	0	0	0	0	0	0	150	0	0	0
	7967	Closed Landfill Enviornmental Management Plan (REG)	450	0	0	0	0	0	150	300	0	0	0
	6888	Vehicle Replacements - Waste Management (REG)	2,400	164	501	27	263	396	251	393	184	191	30
		Sub-total	68,037	7,338	2,295	24,419	6,353	4,346	9,512	5,054	2,998	2,982	2,740

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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WASTE MANAGEMENT-CAPITAL

BUDGET & BUSINESS PLAN

2023-2032 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Regulation and Environmental Protection													
PR-3435	8160	Automated Wheeled Cart Pilot Study (Reg)	500	500	0	0	0	0	0	0	0	0	0
		Sub-total	500	500	0	0	0	0	0	0	0	0	0
		Total Required Financing	70,290	8,662	2,295	25,348	6,353	4,346	9,512	5,054	2,998	2,982	2,740

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

TAX - CAPITAL

OTHER REGIONAL PROGRAMS

CAPITAL BUDGET

2023

OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Finance												
Capital & Development Financing												
T5219A	CSB000009	Growth Studies	350	0	350	95	237	0	18	0	0	0
T5225C	CSB000014	2022 Development Charge Appeal	100	0	100	0	0	0	100	0	0	0
Division Sub-total			450	0	450	95	237	0	118	0	0	0
Department Sub-total			450	0	450	95	237	0	118	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Health												
Paramedic Services												
T30013V	HAM000014	PS Vehicles	974	0	974	39	289	0	646	0	0	0
T6719A	HAM000015	Defibrillators	59	0	59	0	0	0	59	0	0	0
	HAM000016	PS Master Plan	200	0	200	0	0	0	200	0	0	0
T30005P	HAM000018	Power Stretchers	298	0	298	0	0	0	298	0	0	0
	HAM000019	Storage Facility Leasehold Improvement	330	0	330	0	0	0	330	0	0	0
Division Sub-total			1,861	0	1,861	39	289	0	1,533	0	0	0
Public Health												
	HO000007	Vaccine Fridges	93	0	93	0	0	0	93	0	0	0
	HO000009	Sexual Health Mobile Clinic Vehicle	160	0	160	0	0	0	160	0	0	0
Division Sub-total			253	0	253	0	0	0	253	0	0	0
Department Sub-total			2,114	0	2,114	39	289	0	1,786	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Legislative & Planning Services												
Planning												
T8019A	PPLN000002	OLT & Other Hearings	1,500	0	1,500	0	0	0	1,500	0	0	0
	PPLN000034	Burlington Beach - Land	1,000	0	1,000	0	0	0	1,000	0	0	0
	PPLN000035	Burlington Beach - Hydro Tower	250	0	250	6	119	0	125	0	0	0
Division Sub-total			2,750	0	2,750	6	119	0	2,625	0	0	0
Department Sub-total			2,750	0	2,750	6	119	0	2,625	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Social & Community Services												
Childrens Services												
T7009A	SCS000002	Capital Improvement Support	50	0	50	0	0	0	50	0	0	0
Division Sub-total			50	0	50	0	0	0	50	0	0	0
Housing												
T7103B	SO000003	CHS - Assisted Housing Development	9,450	0	9,450	0	2,800	0	6,650	0	0	0
Division Sub-total			9,450	0	9,450	0	2,800	0	6,650	0	0	0
Services for Seniors												
T7200B	SNR000012	Allendale Equipment Replacement	228	20	208	0	0	0	208	0	0	0
T7200C	SNR000013	Post Inn Equipment Replacement	260	23	237	0	0	0	237	0	0	0
T7200D	SNR000014	Creek Way Village Equipment Replacement	162	14	148	0	0	0	148	0	0	0
Division Sub-total			650	57	593	0	0	0	593	0	0	0
Department Sub-total			10,150	57	10,093	0	2,800	0	7,293	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Digital & Information Systems												
Energy, Fleet and Facilities												
T5016A	CSA000004	Region - Accessibility and Security	625	0	625	0	0	0	625	0	0	0
T5018A	CSA000007	Museum - Rehab & Replacement	204	0	204	0	0	0	204	0	0	0
T5021A	CSA000011	Landfill - Rehab & Replacement	523	0	523	0	0	0	523	0	0	0
T5026A	CSA000020	Energy Program	100	0	100	0	0	0	100	0	0	0
	CSA000037	Non-Emergency Vehicle Replacement	129	0	129	0	0	0	129	0	0	0
T5044A	CSA000040	First Line Properties	184	0	184	0	0	0	184	0	0	0
T5042A	CSA000045	Childcare Centres LTC	49	0	49	0	0	0	49	0	0	0
T5025B	CSA000057	NOC - Exterior Closures	84	0	84	0	0	0	84	0	0	0
T5032B	CSA000067	WOC - Exterior Closures	81	0	81	0	0	0	81	0	0	0
T5032F	CSA000070	WOC - HVAC	577	0	577	0	0	0	577	0	0	0
T5020B	CSA000074	EMS - Station #00	100	0	100	0	0	0	100	0	0	0
T5020C	CSA000075	EMS - Station #02	82	0	82	0	0	0	82	0	0	0
T5020D	CSA000076	EMS - Station #04	23	0	23	0	0	0	23	0	0	0
T5020E	CSA000077	EMS - Station #05	21	0	21	0	0	0	21	0	0	0
T5020G	CSA000079	EMS - Station #08	70	0	70	0	0	0	70	0	0	0
T5022B	CSA000081	LTC - Allendale	1,547	0	1,547	0	0	0	1,547	0	0	0
T5022C	CSA000082	LTC - Creek Way	1,188	0	1,188	0	0	0	1,188	0	0	0
T5022D	CSA000083	LTC - Post Inn	847	0	847	0	0	0	847	0	0	0
T5032C	CSA000098	WOC - Roofing	1,744	0	1,744	0	0	0	1,744	0	0	0
T5032G	CSA000099	WOC - Fire Protection	29	0	29	0	0	0	29	0	0	0
T5020I	CSA000101	EMS - Station #12	19	0	19	0	0	0	19	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

OTHER REGIONAL PROGRAMS-CAPITAL

2023

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
T5020J	CSA000102	EMS - Station #14	40	0	40	0	0	0	40	0	0	0
T5020L	CSA000104	EMS - Station #06	17	0	17	0	0	0	17	0	0	0
T5048A	CSA000107	Fleet Equipment - Replacement	21	0	21	0	0	0	21	0	0	0
T5049A	CSA000113	Strategic Acquisition - Land	880	0	880	0	0	0	880	0	0	0
T7710A	CSA000115	Emergency Shelter	96	0	96	0	0	0	96	0	0	0
Division Sub-total			9,280	0	9,280	0	0	0	9,280	0	0	0
Information Technology												
T5460A	CST000006	Technology - Replacement Servers	170	0	170	0	0	0	170	0	0	0
T5460B	CST000007	Technology - Replacement Network	480	0	480	0	0	0	480	0	0	0
T5450A	CST000008	Technology Infrastructure - New	60	0	60	0	0	0	60	0	0	0
T5440A	CST000010	Microcomputer - Replacement	754	0	754	0	0	0	754	0	0	0
T5470B	CST000015	Long Term Care Systems Replacement	200	0	200	0	0	0	200	0	0	0
T5430C	CST000031	Voice New	35	0	35	0	0	0	35	0	0	0
T5450B	CST000033	New Servers	48	0	48	0	0	0	48	0	0	0
T5440D	CST000047	PS Mobile Computer Replace	21	0	21	0	0	0	21	0	0	0
T5471E	CST000070	PS - Dispensing system replacement	55	0	55	0	0	0	55	0	0	0
T5471I	CST000100	PS - Information Sys. Repl.	75	0	75	0	0	0	75	0	0	0
T5471L	CST000108	PS - Dispatch Connectivity	100	0	100	0	0	0	100	0	0	0
T5450F	CST000159	IT Security Systems New	61	0	61	0	0	0	61	0	0	0
T5403A	CST000163	Application Modernization & Consolidation	310	0	310	0	0	0	310	0	0	0
T5405A	CST000165	Cyber Security Program	11	0	11	0	0	0	11	0	0	0
T5407A	CST000166	Enterprise Content Management	89	0	89	0	0	0	89	0	0	0
T5412A	CST000167	Enterprise System Enhancements (Non-SAP)	150	0	150	0	0	0	150	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
	CST000168	GIS Upgrade	200	0	200	0	0	0	200	0	0	0
T5408A	CST000171	Info Mgmt Strategy-Analytics, BW, GIS, BI, & Open Data	145	0	145	0	0	0	145	0	0	0
T5413A	CST000172	M365	500	0	500	0	0	0	500	0	0	0
T5406A	CST000173	Modernize IT Services/Service Desk	100	0	100	0	0	0	100	0	0	0
T5420MF	CST000174	SalesForce Implementation	450	0	450	0	0	0	450	0	0	0
T5411A	CST000175	SalesForce Implementation - MuleSoft	100	0	100	0	0	0	100	0	0	0
T5420EF	CST000176	SAP Transformation	3,700	0	3,700	0	0	0	3,700	0	0	0
T5414A	CST000177	Strategic Applications	60	0	60	0	0	0	60	0	0	0
T5404A	CST000178	Work & Asset Management Roadmap	150	0	150	0	0	0	150	0	0	0
Division Sub-total			8,024	0	8,024	0	0	0	8,024	0	0	0
Department Sub-total			17,304	0	17,304	0	0	0	17,304	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2023 OTHER REGIONAL PROGRAMS PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Total			32,768	57	32,711	140	3,445	0	29,126	0	0	0
Summary												
Finance												
Capital & Development Financing			450	0	450	95	237	0	118	0	0	0
Health												
Health - Other			253	0	253	0	0	0	253	0	0	0
Paramedic Services			1,861	0	1,861	39	289	0	1,533	0	0	0
Legislative & Planning Services												
Planning			2,750	0	2,750	6	119	0	2,625	0	0	0
Social & Community Services												
Childrens Services			50	0	50	0	0	0	50	0	0	0
Housing			9,450	0	9,450	0	2,800	0	6,650	0	0	0
Services for Seniors			650	57	593	0	0	0	593	0	0	0
Digital & Information Systems												
Energy, Fleet and Facilities			9,280	0	9,280	0	0	0	9,280	0	0	0
Information Technology			8,024	0	8,024	0	0	0	8,024	0	0	0
Grand Total			32,768	57	32,711	140	3,445	0	29,126	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2023

BUDGET & BUSINESS PLAN

2023-2032 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Finance													
Capital & Development Financing													
T5219A	CSB000009	Growth Studies	3,500	350	350	350	350	350	350	350	350	350	350
T5225C	CSB000014	2022 Development Charge Appeal	100	100	0	0	0	0	0	0	0	0	0
	CSB000021	Supply Chain Vehicles	57	0	0	30	0	0	27	0	0	0	0
		Finance	3,657	450	350	380	350	350	377	350	350	350	350
Health													
Paramedic Services													
T30013V	HAM000014	PS Vehicles	25,670	974	1,747	2,603	2,226	2,057	5,354	2,759	3,156	4,406	388
T6719A	HAM000015	Defibrillators	3,760	59	60	1,258	125	128	130	133	135	1,485	247
	HAM000016	PS Master Plan	200	200	0	0	0	0	0	0	0	0	0
T30005P	HAM000018	Power Stretchers	4,666	298	60	2,455	309	253	193	197	208	554	139
	HAM000019	Storage Facility Leasehold Improvement	330	330	0	0	0	0	0	0	0	0	0
Public Health													
	HO000005	Public Health Vehicle	102	0	0	51	0	0	0	0	0	0	51
	HO000007	Vaccine Fridges	355	93	72	19	37	0	0	37	0	97	0
	HO000009	Sexual Health Mobile Clinic Vehicle	320	160	0	0	0	0	0	0	160	0	0
		Health	35,403	2,114	1,939	6,386	2,697	2,438	5,677	3,126	3,659	6,542	825
Legislative & Planning Services													
Economic Development													
	ED000001	Halton Heritage Centre	8,000	0	0	8,000	0	0	0	0	0	0	0
Planning													
T8019A	PPLN000002	OLT & Other Hearings	13,000	1,500	2,000	1,000	1,000	1,000	1,000	2,000	1,500	1,000	1,000

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2023

BUDGET & BUSINESS PLAN

2023-2032 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
T8022A	PPLN000009	Forest Management Program	180	0	20	20	20	20	20	20	20	20	20
T8021C	PPLN000017	Regional Official Plan Imp (2019)	200	0	100	100	0	0	0	0	0	0	0
	PPLN000022	Regional Official Plan Update (2024)	4,500	0	0	1,000	2,000	1,500	0	0	0	0	0
	PPLN000024	Vehicle Replacements - Planning	40	0	0	0	40	0	0	0	0	0	0
	PPLN000025	Regional Official Plan Imp (2024)	800	0	0	0	200	200	200	200	0	0	0
	PPLN000030	Burloak Waterfront Park	1,000	0	1,000	0	0	0	0	0	0	0	0
	PPLN000033	Regional Official Plan (2029)	4,000	0	0	0	0	0	1,000	1,500	1,500	0	0
	PPLN000034	Burlington Beach - Land	1,000	1,000	0	0	0	0	0	0	0	0	0
	PPLN000035	Burlington Beach - Hydro Tower	23,250	250	0	23,000	0	0	0	0	0	0	0
	PPLN000036	Burlington Beach - Recreational Works	8,533	0	2,382	0	0	0	6,151	0	0	0	0
	PPLN000037	Burl Beach - Environmental Restoration	4,937	0	1,838	0	0	0	3,099	0	0	0	0
	PPLN000042	20-Year Forest Management Plan	150	0	0	150	0	0	0	0	0	0	0
	PPLN000044	Regional Official Plan Impl (2029)	400	0	0	0	0	0	0	0	200	200	0
	PPLN000046	Regional Official Plan (2034)	2,500	0	0	0	0	0	0	0	0	1,000	1,500
		Legislative & Planning Services	72,490	2,750	7,340	33,270	3,260	2,720	11,470	3,720	3,220	2,220	2,520
		Social & Community Services											
		Childrens Services											
T7009A	SCS000002	Capital Improvement Support	500	50	50	50	50	50	50	50	50	50	50
		Housing											
T7103B	SO000003	CHS - Assisted Housing Development	100,650	9,450	11,200	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
		Services for Seniors											
T7200B	SNR000012	Allendale Equipment Replacement	2,280	228	228	228	228	228	228	228	228	228	228
T7200C	SNR000013	Post Inn Equipment Replacement	2,600	260	260	260	260	260	260	260	260	260	260
T7200D	SNR000014	Creek Way Village Equipment Replacement	1,620	162	162	162	162	162	162	162	162	162	162
	SNR000018	LTC - Vehicle Replacement	120	0	0	0	0	0	0	0	120	0	0

Note: Schedule may not add due to rounding.



2023-2032 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
		Social & Community Services	107,770	10,150	11,900	10,700	10,700	10,700	10,700	10,700	10,820	10,700	10,700
		Digital & Information Systems											
		Communications & Customer Service											
	CCS000001	Postage Meter Replacement	30	0	15	0	0	0	0	15	0	0	0
		Energy, Fleet and Facilities											
T5014A	CSA000002	Facility Office Space Accommodation	5,800	0	600	650	650	650	650	650	650	650	650
T5016A	CSA000004	Region - Accessibility and Security	1,525	625	100	100	100	100	100	100	100	100	100
T5018A	CSA000007	Museum - Rehab & Replacement	701	204	23	18	10	0	63	99	168	116	0
T5021A	CSA000011	Landfill - Rehab & Replacement	5,718	523	647	46	687	85	1,204	711	1,671	87	57
T5024A	CSA000015	Region - Building Condition Assessments	2,326	0	100	100	773	100	100	100	100	853	100
T5026A	CSA000020	Energy Program	1,000	100	100	100	100	100	100	100	100	100	100
T5029A	CSA000022	Building Automation System - Replacement	450	0	50	50	50	50	50	50	50	50	50
	CSA000037	Non-Emergency Vehicle Replacement	365	129	47	87	0	70	32	0	0	0	0
T5044A	CSA000040	First Line Properties	707	184	231	62	0	134	0	4	32	48	12
T5040A	CSA000043	PS HQ & PW Operations Centre Expansion	31,600	0	2,000	0	29,600	0	0	0	0	0	0
T5042A	CSA000045	Childcare Centres LTC	1,052	49	128	200	100	20	0	160	30	365	0
T5013Q	CSA000046	HRC - Exterior Closures	1,551	0	0	0	0	5	865	0	681	0	0
T5013C	CSA000047	HRC - Roofing	305	0	0	37	120	0	0	0	78	70	0
T5013D	CSA000048	HRC - Interior Construction	140	0	0	5	3	96	36	0	0	0	0
T5013F	CSA000049	HRC - Interior Finishes	1,049	0	0	124	280	300	17	0	0	328	0
T5013H	CSA000050	HRC - Plumbing	389	0	0	228	10	7	44	0	26	74	0
T5013I	CSA000051	HRC - HVAC	636	0	33	94	109	0	32	28	5	290	45
T5013J	CSA000052	HRC - Fire Protection	83	0	0	70	0	0	0	0	0	0	13
T5013K	CSA000053	HRC - Electrical	527	0	72	51	39	2	342	0	0	21	0
T5013L	CSA000054	HRC - Equipment	192	0	0	4	170	0	0	0	2	0	16

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

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BUDGET & BUSINESS PLAN

2023-2032 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
T5013M	CSA000055	HRC - Furnishings	106	0	0	51	0	55	0	0	0	0	0
T5013O	CSA000056	HRC - Site Improvements	1,507	0	740	213	72	476	3	0	3	0	0
T5025B	CSA000057	NOC - Exterior Closures	2,640	84	0	11	1,450	827	0	0	0	246	22
T5025C	CSA000058	NOC - Interior Construction	85	0	0	0	30	28	0	0	0	0	27
T5025G	CSA000062	NOC - HVAC	854	0	66	0	0	424	0	0	0	316	48
T5025L	CSA000065	NOC - Site Improvements	613	0	528	0	50	9	0	0	0	0	26
T5032B	CSA000067	WOC - Exterior Closures	1,611	81	0	0	5	1,292	0	0	0	0	233
T5032D	CSA000068	WOC - Interior Construction	293	0	36	64	0	13	0	0	59	0	121
T5032F	CSA000070	WOC - HVAC	1,216	577	34	0	0	229	0	0	0	0	376
T5032I	CSA000071	WOC - Equipment	10	0	10	0	0	0	0	0	0	0	0
T5032K	CSA000072	WOC - Site Improvements	812	0	27	30	0	683	0	0	33	33	6
T5020B	CSA000074	EMS - Station #00	1,525	100	136	270	9	148	69	208	0	10	575
T5020C	CSA000075	EMS - Station #02	522	82	180	0	0	11	0	236	0	13	0
T5020D	CSA000076	EMS - Station #04	234	23	21	14	19	83	17	0	35	13	9
T5020E	CSA000077	EMS - Station #05	327	21	13	58	91	74	65	0	0	0	5
T5020G	CSA000079	EMS - Station #08	433	70	65	31	3	32	42	186	2	0	2
T5020H	CSA000080	EMS - Station #10	217	0	0	33	6	0	8	0	165	5	0
T5022B	CSA000081	LTC - Allendale	8,534	1,547	858	175	52	223	142	4,100	690	77	670
T5022C	CSA000082	LTC - Creek Way	7,083	1,188	523	2,348	605	520	232	89	1,312	110	156
T5022D	CSA000083	LTC - Post Inn	9,396	847	278	771	2,050	284	1,743	1,225	517	349	1,332
T5013G	CSA000086	HRC - Conveying	20	0	0	20	0	0	0	0	0	0	0
T5025I	CSA000089	NOC - Electrical	584	0	208	0	90	62	122	0	0	0	102
T5032H	CSA000090	WOC - Electrical	867	0	747	0	0	0	0	0	0	0	120
T5013R	CSA000094	HRC - Civil and Mechanical Utilities	32	0	0	0	0	0	0	32	0	0	0
T5025O	CSA000097	NOC - Furnishings	9	0	0	0	0	0	0	0	0	0	9
T5032C	CSA000098	WOC - Roofing	1,744	1,744	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



2023-2032 TAX BUDGET ITEMS FORECAST
PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)

PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
T5032G	CSA000099	WOC - Fire Protection	29	29	0	0	0	0	0	0	0	0	0
T5020I	CSA000101	EMS - Station #12	199	19	18	46	0	0	0	0	116	0	0
T5020J	CSA000102	EMS - Station #14	171	40	0	9	0	0	0	0	80	0	42
T5020L	CSA000104	EMS - Station #06	102	17	0	0	0	0	25	0	1	0	59
T5020M	CSA000105	EMS - Station #13	2	0	0	0	0	0	0	0	0	2	0
T5020N	CSA000106	EMS - Storage Room	11	0	0	11	0	0	0	0	0	0	0
T5048A	CSA000107	Fleet Equipment - Replacement	227	21	12	12	26	26	26	26	26	26	26
T5013S	CSA000111	HRC - Superstructure	19	0	0	0	0	0	0	19	0	0	0
T5049A	CSA000113	Strategic Acquisition - Land	880	880	0	0	0	0	0	0	0	0	0
	CSA000114	Social Housing - Building Condition Asse	2,491	0	50	50	50	968	50	50	50	50	1,173
T7710A	CSA000115	Emergency Shelter	2,417	96	178	815	42	76	56	45	1,016	46	47
	Information Technology												
T5460A	CST000006	Technology - Replacement Servers	1,972	170	210	315	119	189	238	252	210	150	119
T5460B	CST000007	Technology - Replacement Network	4,855	480	535	585	500	500	500	500	255	500	500
T5450A	CST000008	Technology Infrastructure - New	2,468	60	301	301	301	301	301	301	301	301	0
T5440A	CST000010	Microcomputer - Replacement	14,160	754	1,737	1,635	1,281	1,178	1,719	1,721	1,359	1,144	1,632
T5470B	CST000015	Long Term Care Systems Replacement	700	200	0	50	150	0	50	150	0	50	50
T5430C	CST000031	Voice New	485	35	50	50	50	50	50	50	50	50	50
T5440B	CST000032	Printers Replacement	1,623	0	128	326	124	195	170	170	170	170	170
T5450B	CST000033	New Servers	1,442	48	148	178	178	178	178	178	178	178	0
T5460F	CST000037	IT Data Centre	350	0	150	100	0	0	100	0	0	0	0
T5480A	CST000038	Water Lab Information System	775	0	100	100	100	25	100	100	50	100	100
T5480C	CST000040	W/WW Application Maintenance	850	0	100	100	100	100	100	100	50	100	100
T5440C	CST000041	Voice Replacement	1,551	0	400	200	200	100	100	201	100	100	150
T5420N	CST000043	Waste Managment Systems Upgrade	280	0	20	80	0	0	0	20	0	80	80
T5410T	CST000045	Region Aerial Photography	525	0	0	105	0	105	0	105	0	105	105

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2023

BUDGET & BUSINESS PLAN

2023-2032 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
T5440D	CST000047	PS Mobile Computer Replace	1,332	21	500	43	36	43	565	36	40	36	12
T5410J	CST000049	PS Growth Licensing	231	0	10	27	27	27	32	27	27	27	27
T5460G	CST000069	SCADA Infrastructure/Server Replacement	2,581	0	188	363	443	413	5	170	179	410	410
T5471E	CST000070	PS - Dispensing system replacement	520	55	0	0	0	0	400	65	0	0	0
T5471F	CST000072	PS - ePCR System Replacement	240	0	0	0	0	0	240	0	0	0	0
T5480K	CST000082	Maint. Work Management Replacement	700	0	50	50	200	200	50	0	50	50	50
T5471H	CST000092	PS - Wireless	734	0	15	258	20	26	38	23	317	32	5
T5480L	CST000093	PW CMMS Growth Licensing	360	0	40	40	40	40	40	40	40	40	40
T5471I	CST000100	PS - Information Sys. Repl.	285	75	30	30	0	0	0	0	0	75	75
T5460H	CST000107	Council AV Equip. Repl.	400	0	0	200	0	0	0	0	200	0	0
T5471L	CST000108	PS - Dispatch Connectivity	340	100	120	0	0	0	0	120	0	0	0
	CST000109	Enterprise WFM - PS Upgrade/Replacement	200	0	0	0	100	0	0	100	0	0	0
T5420ED	CST000122	HR Payroll System Improvements	700	0	150	0	100	0	150	0	0	150	150
T5471K	CST000124	Enterprise WorkForce Mgmt - Paramedics	300	0	100	0	0	100	0	0	100	0	0
T5471J	CST000128	Information Mgmt - PS Data Warehouse	100	0	0	0	0	0	100	0	0	0	0
T5422I	CST000130	Information Mgmt - Public Works	140	0	90	0	0	0	50	0	0	0	0
T5420BA	CST000137	AMS Property Mgmt Replacement (Yardi)	100	0	100	0	0	0	0	0	0	0	0
	CST000156	Planning - Employment Survey	50	0	50	0	0	0	0	0	0	0	0
	CST000158	IT Vehicle Replacement	35	0	0	0	0	0	0	35	0	0	0
T5450F	CST000159	IT Security Systems New	1,411	61	150	150	150	150	150	150	150	150	150
T5403A	CST000163	Application Modernization & Consolidation	3,710	310	500	500	400	400	400	400	400	400	0
	CST000164	Council DMS Project	405	0	150	0	75	0	0	100	80	0	0
T5405A	CST000165	Cyber Security Program	191	11	20	20	20	20	20	20	20	20	20
T5407A	CST000166	Enterprise Content Management	1,639	89	250	200	200	100	200	150	150	150	150
T5412A	CST000167	Enterprise System Enhancements (Non-SAP)	1,135	150	100	95	110	110	110	110	100	100	150
	CST000168	GIS Upgrade	845	200	35	200	200	35	35	35	35	35	35

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2023

BUDGET & BUSINESS PLAN

2023-2032 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	CST000169	Halton Central Upgrade/M365	320	0	120	0	50	50	0	50	50	0	0
T5402A	CST000170	Halton.ca Portal	800	0	200	0	100	100	100	0	100	100	100
T5408A	CST000171	Info Mgmt Strategy-Analytics, BW, GIS, BI, & Open Data	2,445	145	400	400	250	250	250	250	250	250	0
T5413A	CST000172	M365	5,700	500	500	500	500	500	600	700	700	500	700
T5406A	CST000173	Modernize IT Services/Service Desk	325	100	50	0	0	50	0	0	50	0	75
T5420MF	CST000174	SalesForce Implementation	6,200	450	1,000	750	750	500	500	500	500	500	750
T5411A	CST000175	SalesForce Implementation - MuleSoft	1,900	100	200	200	200	200	200	200	200	200	200
T5420EF	CST000176	SAP Transformation	15,200	3,700	4,000	2,000	1,000	1,000	500	750	750	750	750
T5414A	CST000177	Strategic Applications	3,560	60	350	350	350	350	350	350	450	450	500
T5404A	CST000178	Work & Asset Management Roadmap	1,650	150	500	500	0	0	500	0	0	0	0
		Digital & Information Systems	192,788	17,304	22,721	18,059	45,875	15,847	15,426	16,462	15,459	11,901	13,734
		Total Required Financing	412,108	32,768	44,250	68,795	62,882	32,055	43,650	34,358	33,508	31,713	28,129

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

TAX - CAPITAL

HALTON REGIONAL POLICE SERVICE

CAPITAL BUDGET

2023

HALTON REGIONAL POLICE SERVICE-CAPITAL

BUDGET & BUSINESS PLAN

2023 HALTON REGIONAL POLICE SERVICE												
PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL			GROWTH
Halton Regional Police Service												
T6838C	PO000002	Business Applications	500	0	500	0	0	0	500	0	0	0
T6865A	PO000013	Facilities - Building Projects/Upgrades	250	0	250	0	0	0	250	0	0	0
T6866A	PO000034	1 District - Consolidated Facility	42,840	0	42,840	0	0	0	0	0	6,708	36,132
T6848A	PO000042	Search & Rescue Vessel (Marine II)	500	0	500	0	0	0	500	0	0	0
T6836D	PO000043	Computer Replacement	100	0	100	0	0	0	100	0	0	0
T6844G	PO000046	Technology Replacements	600	0	600	0	0	0	600	0	0	0
T6844E	PO000047	Network Server Replacements	250	0	250	0	0	0	250	0	0	0
	PO000056	Police Vehicles	2,391	0	2,391	58	149	0	2,184	0	0	0
	PO000078	Public Safety LTE Network Project	728	0	728	204	524	0	0	0	0	0
	PO000079	Portal Re-design - Future Phases	100	0	100	0	0	0	100	0	0	0
	PO000081	Backup Data Centre	100	0	100	0	0	0	100	0	0	0
	PO000084	Disaster Recovery Centre/Bus. Continuity	100	0	100	0	0	0	100	0	0	0
	PO000085	Dedicated Pubic Safety WAN	1,000	0	1,000	0	0	0	1,000	0	0	0
	PO000088	Digital Evidence Mgmt System	250	0	250	0	0	0	250	0	0	0
	PO000090	Operational Support Program	100	0	100	0	0	0	100	0	0	0
	PO000106	In-Car Cam Sys & Video Mgmt Sys Infrstrct	100	0	100	0	0	0	100	0	0	0
	PO000117	District Office Space Re-Alignments	200	0	200	0	0	0	200	0	0	0
	PO000125	MCU #2	100	0	100	0	0	0	100	0	0	0
	PO000131	P25/LTE Backhaul Replacement	1,500	0	1,500	211	539	0	750	0	0	0
	PO000132	Cyber Security	275	0	275	0	0	0	275	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

HALTON REGIONAL POLICE SERVICE-CAPITAL

BUDGET & BUSINESS PLAN

2023 HALTON REGIONAL POLICE SERVICE PROJECT LISTING 2023 (000 DOLLARS)												
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Total			51,984	0	51,984	473	1,212	0	7,459	0	6,708	36,132
Summary												
Halton Regional Police Service			51,984	0	51,984	473	1,212	0	7,459	0	0	42,840
Grand Total			51,984	0	51,984	473	1,212	0	7,459	0	0	42,840

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2023

BUDGET & BUSINESS PLAN

2023-2032 HALTON REGIONAL POLICE SERVICE FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Halton Regional Police Service													
T6838C	PO000002	Business Applications	5,000	500	500	500	500	500	500	500	500	500	500
T6865A	PO000013	Facilities - Building Projects/Upgrades	2,500	250	250	250	250	250	250	250	250	250	250
T6866A	PO000034	1 District - Consolidated Facility	42,840	42,840	0	0	0	0	0	0	0	0	0
T6848A	PO000042	Search & Rescue Vessel (Marine II)	650	500	0	0	0	0	0	0	0	150	0
T6836D	PO000043	Computer Replacement	2,200	100	100	250	250	250	250	250	250	250	250
T6869A	PO000044	Search & Rescue Vessel (Marine I)	650	0	150	0	0	500	0	0	0	0	0
T6844G	PO000046	Technology Replacements	6,000	600	600	600	600	600	600	600	600	600	600
T6844E	PO000047	Network Server Replacements	2,500	250	250	250	250	250	250	250	250	250	250
T6834B	PO000054	Building Security Systems	1,000	0	0	0	500	500	0	0	0	0	0
	PO000056	Police Vehicles	25,808	2,391	2,585	2,583	2,605	2,644	2,600	2,600	2,600	2,600	2,600
	PO000078	Public Safety LTE Network Project	2,674	728	728	700	518	0	0	0	0	0	0
	PO000079	Portal Re-design - Future Phases	100	100	0	0	0	0	0	0	0	0	0
	PO000081	Backup Data Centre	100	100	0	0	0	0	0	0	0	0	0
	PO000084	Disaster Recovery Centre/Bus. Continuity	100	100	0	0	0	0	0	0	0	0	0
	PO000085	Dedicated Pubic Safety WAN	2,000	1,000	500	500	0	0	0	0	0	0	0
	PO000087	CAD Replacement/Upgrade	2,000	0	1,000	1,000	0	0	0	0	0	0	0
	PO000088	Digital Evidence Mgmt System	500	250	125	125	0	0	0	0	0	0	0
	PO000090	Operational Support Program	500	100	0	100	0	100	0	100	0	100	0
	PO000095	Intelligence Database	300	0	0	100	0	0	100	0	0	100	0
	PO000101	RIS Shared Infrastructure	500	0	500	0	0	0	0	0	0	0	0
	PO000106	In-Car Camera Sys & Video Mgmt System Infrstrct	100	100	0	0	0	0	0	0	0	0	0
	PO000108	Furniture Replacement Program	500	0	100	0	100	0	100	0	100	0	100
	PO000110	10 Division Renovations	100	0	0	0	0	0	0	100	0	0	0
	PO000111	11 Division Renovations	1,250	0	0	0	1,250	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2023

BUDGET & BUSINESS PLAN

2023-2032 HALTON REGIONAL POLICE SERVICE FORECAST PROJECT FORECAST LISTING 2023-2032 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	PO000112	20 Division Renovations	1,000	0	0	0	0	1,000	0	0	0	0	0
	PO000113	30 Division Renovations	1,000	0	0	0	0	0	1,000	0	0	0	0
	PO000115	Fitness Equipment - 1 District	150	0	0	150	0	0	0	0	0	0	0
	PO000116	Radio Tower Sites - Civil Works	525	0	0	150	200	0	0	0	175	0	0
	PO000117	District Office Space Re-Alignments	600	200	0	0	200	0	0	200	0	0	0
	PO000118	Armoured Rescue Vehicle Replacement	400	0	0	0	0	0	0	0	400	0	0
	PO000119	Unknown Substance Tester	100	0	0	100	0	0	0	0	0	0	0
	PO000120	X-Ray Machine & Equipment	150	0	0	0	150	0	0	0	0	0	0
	PO000123	Interview Room Equipment Replacement	200	0	0	200	0	0	0	0	0	0	0
	PO000124	MCU #1	1,500	0	0	0	0	1,500	0	0	0	0	0
	PO000125	MCU #2	100	100	0	0	0	0	0	0	0	0	0
	PO000126	3D Field Scanner Replacement	100	0	0	0	0	0	0	0	100	0	0
	PO000127	Data Evidence Storage	200	0	100	0	0	0	100	0	0	0	0
	PO000128	Video Data Storage	200	0	0	100	0	0	0	100	0	0	0
	PO000131	P25/LTE Backhaul Replacement	1,500	1,500	0	0	0	0	0	0	0	0	0
	PO000132	Cyber Security	1,480	275	730	475	0	0	0	0	0	0	0
	PO000133	1 District Hot Disaster Recovery	1,000	0	0	1,000	0	0	0	0	0	0	0
	PO000134	1 District Infrastructure	1,350	0	0	1,350	0	0	0	0	0	0	0
	PO000135	Acton Tower Equipment Replacement	1,500	0	0	0	1,500	0	0	0	0	0	0
	PO000136	In-Car Camera System	100	0	100	0	0	0	0	0	0	0	0
Total Required Financing			113,027	51,984	8,318	10,483	8,873	8,094	5,750	4,950	5,225	4,800	4,550

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

WATER & WASTERWATER - CAPITAL

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2023
BUDGET & BUSINESS PLAN

2023 - 2032 WATER/WASTEWATER CAPITAL BUDGET (Uninflated 000s)

	GROSS COST	SUBSIDY/ RECOVERY	NET REG RESP	DEVELOPMENT CHARGES		GENERAL RESERVES		CAPITAL INVEST. RESERVE	DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL		GROWTH	REGIONAL
2023 Non-Development Programs										
Water	97,837	1,235	96,602	0	0	0	96,602	0	0	0
Wastewater	88,875	0	88,875	0	0	0	88,875	0	0	0
Sub-total	186,712	1,235	185,477	0	0	0	185,477	0	0	0
Development Programs										
Water	52,311	0	52,311	0	37,965	0	1,307	13,039	0	0
Wastewater	63,758	0	63,758	0	43,208	0	5,977	14,573	0	0
Sub-total	116,069	0	116,069	0	81,173	0	7,284	27,612	0	0
TOTAL 2023	302,781	1,235	301,546	0	81,173	0	192,761	27,612	0	0
2024 Non-Development Programs										
Water	84,756	1,235	83,521	0	0	0	83,521	0	0	0
Wastewater	107,954	0	107,954	0	0	0	107,954	0	0	0
Sub-total	192,710	1,235	191,475	0	0	0	191,475	0	0	0
Development Programs										
Water	128,835	0	128,835	0	99,601	0	2,341	26,893	0	0
Wastewater	101,247	0	101,247	0	54,223	0	27,024	20,000	0	0
Sub-total	230,082	0	230,082	0	153,824	0	29,365	46,893	0	0
TOTAL 2024	422,792	1,235	421,557	0	153,824	0	220,840	46,893	0	0
2025 Non-Development Programs										
Water	77,643	1,235	76,408	0	0	0	76,408	0	0	0
Wastewater	100,739	0	100,739	0	0	0	100,739	0	0	0
Sub-total	178,382	1,235	177,147	0	0	0	177,147	0	0	0
Development Programs										
Water	77,424	0	77,424	0	56,783	0	373	20,268	0	0
Wastewater	172,863	0	172,863	0	95,939	0	40,976	35,948	0	0
Sub-total	250,287	0	250,287	0	152,722	0	41,349	56,216	0	0
TOTAL 2025	428,669	1,235	427,434	0	152,722	0	218,496	56,216	0	0
2026 Non-Development Programs										
Water	48,587	1,235	47,352	0	0	0	47,352	0	0	0
Wastewater	60,280	0	60,280	0	0	0	60,280	0	0	0
Sub-total	108,867	1,235	107,632	0	0	0	107,632	0	0	0
Development Programs										
Water	275,518	0	275,518	0	199,757	0	9,365	66,396	0	0
Wastewater	241,847	0	241,847	0	137,400	0	54,004	50,443	0	0
Sub-total	517,365	0	517,365	0	337,157	0	63,369	116,839	0	0
TOTAL 2026	626,232	1,235	624,997	0	337,157	0	171,001	116,839	0	0

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2023
BUDGET & BUSINESS PLAN

2023 - 2032 WATER/WASTEWATER CAPITAL BUDGET (Uninflated 000s)

	GROSS COST	SUBSIDY/ RECOVERY	NET REG RESP	DEVELOPMENT CHARGES		GENERAL RESERVES		CAPITAL INVEST. RESERVE	DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL		GROWTH	REGIONAL
2027 Non-Development Programs										
Water	72,320	1,235	71,085	0	0	0	71,085	0	0	0
Wastewater	92,876	0	92,876	0	0	0	92,876	0	0	0
Sub-total	165,196	1,235	163,961	0	0	0	163,961	0	0	0
Development Programs										
Water	38,351	0	38,351	0	29,935	0	1,275	7,141	0	0
Wastewater	6,061	0	6,061	0	4,371	0	0	1,690	0	0
Sub-total	44,412	0	44,412	0	34,306	0	1,275	8,831	0	0
TOTAL 2027	209,608	1,235	208,373	0	34,306	0	165,236	8,831	0	0
2028 Non-Development Programs										
Water	59,322	1,235	58,087	0	0	0	58,087	0	0	0
Wastewater	42,990	0	42,990	0	0	0	42,990	0	0	0
Sub-total	102,312	1,235	101,077	0	0	0	101,077	0	0	0
Development Programs										
Water	14,793	0	14,793	0	13,233	0	0	1,560	0	0
Wastewater	11,794	0	11,794	0	9,722	0	0	2,072	0	0
Sub-total	26,587	0	26,587	0	22,955	0	0	3,632	0	0
TOTAL 2028	128,899	1,235	127,664	0	22,955	0	101,077	3,632	0	0
2029 Non-Development Programs										
Water	94,751	1,235	93,516	0	0	0	93,516	0	0	0
Wastewater	51,503	0	51,503	0	0	0	51,503	0	0	0
Sub-total	146,254	1,235	145,019	0	0	0	145,019	0	0	0
Development Programs										
Water	18,895	0	18,895	0	13,799	0	0	5,096	0	0
Wastewater	15,527	0	15,527	0	4,580	0	9,427	1,520	0	0
Sub-total	34,422	0	34,422	0	18,379	0	9,427	6,616	0	0
TOTAL 2029	180,676	1,235	179,441	0	18,379	0	154,446	6,616	0	0
2030 Non-Development Programs										
Water	91,016	1,235	89,781	0	0	0	89,781	0	0	0
Wastewater	96,140	0	96,140	0	0	0	96,140	0	0	0
Sub-total	187,156	1,235	185,921	0	0	0	185,921	0	0	0
Development Programs										
Water	3,387	0	3,387	0	3,159	0	0	228	0	0
Wastewater	160	0	160	0	122	0	0	38	0	0
Sub-total	3,547	0	3,547	0	3,281	0	0	266	0	0
TOTAL 2030	190,703	1,235	189,468	0	3,281	0	185,921	266	0	0

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2023
BUDGET & BUSINESS PLAN

2023 - 2032 WATER/WASTEWATER CAPITAL BUDGET (Uninflated 000s)

	GROSS COST	SUBSIDY/ RECOVERY	NET REG RESP	DEVELOPMENT CHARGES		GENERAL RESERVES		CAPITAL INVEST. RESERVE	DEBENTURES	
				NON-RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL		GROWTH	REGIONAL
2031 Non-Development Programs										
Water	116,561	1,235	115,326	0	0	0	115,326	0	0	0
Wastewater	38,227	0	38,227	0	0	0	38,227	0	0	0
Sub-total	154,788	1,235	153,553	0	0	0	153,553	0	0	0
Development Programs										
Water	10,164	0	10,164	0	9,856	0	0	308	0	0
Wastewater	86,177	0	86,177	0	42,501	0	37,710	5,966	0	0
Sub-total	96,341	0	96,341	0	52,357	0	37,710	6,274	0	0
TOTAL 2031	251,129	1,235	249,894	0	52,357	0	191,263	6,274	0	0
2032 Non-Development Programs										
Water	129,004	1,235	127,769	0	0	0	127,769	0	0	0
Wastewater	32,956	0	32,956	0	0	0	32,956	0	0	0
Sub-total	161,960	1,235	160,725	0	0	0	160,725	0	0	0
Development Programs*										
Water	0	0	0	0	0	0	0	0	0	0
Wastewater	0	0	0	0	0	0	0	0	0	0
Sub-total	0	0	0	0	0	0	0	0	0	0
TOTAL 2032	161,960	1,235	160,725	0	0	0	160,725	0	0	0
TOTAL Non-Development Programs										
Water	871,797	12,350	859,447	0	0	0	859,447	0	0	0
Wastewater	712,540	0	712,540	0	0	0	712,540	0	0	0
Sub-total	1,584,337	12,350	1,571,987	0	0	0	1,571,987	0	0	0
Development Programs*										
Water	619,678	0	619,678	0	464,088	0	14,661	140,929	0	0
Wastewater	699,434	0	699,434	0	392,066	0	175,118	132,250	0	0
Sub-total	1,319,112	0	1,319,112	0	856,154	0	189,779	273,179	0	0
TOTAL 2023-2032	2,903,449	12,350	2,891,099	0	856,154	0	1,761,766	273,179	0	0

* The Development Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.

Note: Schedule may not add due to rounding.

Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

WATER & WASTERWATER - CAPITAL

WATER NON-DEVELOPMENT

CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Efficiency and Optimization											
PR-3319	7898	Water - Treatment Plant Optimization Studies (REG)	200	0	0	0	0	200	0	0	0
PR-3289W	8017	New Water Meter - 40mm (REG)	20	20	0	0	0	0	0	0	0
PR-3289X	8018	New Water Meter - 50mm (REG)	265	265	0	0	0	0	0	0	0
PR-3289Z	8019	New Water Meter - >100mm (REG)	25	25	0	0	0	0	0	0	0
PR-3289Y	8020	New Water Meter - 75mm (REG)	15	15	0	0	0	0	0	0	0
PR-3289V	8021	New Water Meter - 25mm (REG)	60	60	0	0	0	0	0	0	0
PR-3289U	8022	New Water Meter - 20mm (REG)	850	850	0	0	0	0	0	0	0
Sub-total			1,435	1,235	0	0	0	200	0	0	0
Enhanced Levels of Service											
PR-3448	8099	Easement WM from Cavendish Dr to Upper Middle Road (BUR)	732	0	0	0	0	732	0	0	0
PR-3401B	8069	WM on Elgin St/easement (under tracks) from King St to Rosetta St AND Abandoning the existing 150mm WM on easement from King St to St. Michaels St. on Queen St, Georgetown install new WM on Queen St from King St to the end of Queen St to re-service the Me	915	0	0	0	0	915	0	0	0
PR-3400	7931	300mm WM on Ninth Line from Upper Middle Road to 1000m north of Upper Middle Road (Hydro Corridor) (OAK)	685	0	0	0	0	685	0	0	0
PR-3355	7974	Supply and redundancy to Oakville Zone 3 and 2A (OAK)	350	0	0	0	0	350	0	0	0
	7007	Vehicle - New - Water (REG)	231	0	0	0	0	231	0	0	0
PR-3360	7989	Oak Ridges Moraine Groundwater Program (REG)	250	0	0	0	0	250	0	0	0
Sub-total			3,163	0	0	0	0	3,163	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Maintain Current Levels of Service											
PR-2946B	6946	300mm WM on Waterdown Road from Mountainbrow Rd to Waterdown BS (BUR) (RR)	1,870	0	0	0	0	1,870	0	0	0
PR-3310B	7410	300mm WM on Tyandaga Park Dr from Brant Street to Kerns Road and 200mm WM on Easement from Tyandaga Park Dr to Ester Dr and 150mm WM on Westbury Ave from Tyandaga Park Dr to Ester Dr and 150mm WM on Wakefield Cres from Tyandaga Park Dr to End	7,971	0	0	0	0	7,971	0	0	0
PR-3353	7414	Headon Reservoir and Rechlorination Facility Capital Project (BUR)	6,166	0	0	0	0	6,166	0	0	0
PR-3095B	7688	Replacement of Yard Piping (Incoming and Discharge) at Bailie Reservoir (BUR)	1,200	0	0	0	0	1,200	0	0	0
PR-3448	7871	New WM on North Service Road from Brant St to Kerns Road, WM on Brant St from Mt. Forest BPS to 140m South of NSR, Abandoning or replacement of existing AC WM in Easement (BUR) (RR)	2,136	0	0	0	0	2,136	0	0	0
PR-3449	8092	WM on Fairview St from Angela Ct to Taylor Cres (BUR)	383	0	0	0	0	383	0	0	0
PR-3404	8189	WM on Park Ave W from Fairwood PL to LaSalle Park Road, WM on Park Ave E from LaSalle Park Road to Townsend Ave (BUR) (RR)	809	0	0	0	0	809	0	0	0
PR-3346	7905	150mm WM on Reid Crt from Rexway Dr to End (HHACT) (WWM)	461	0	0	0	0	461	0	0	0
PR-3470	8243	WM on Church St W from Victoria Ave up to 180m towards Main St S (HHACT)	776	0	0	0	0	776	0	0	0
PR-3470	8266	WM on Main St S from Church St to 100m south of Kingham Road (HHACT)	629	0	0	0	0	629	0	0	0
PR-3470	6001	150mm WM on Marilyn Cr. from Torino Gt. to Torino Gt (HHGEO) (WWM)	627	0	0	0	0	627	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2023 WATER SYSTEM											
PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3346	6070	200mm WM on Pennington Cr. from Mountainview Rd. to End (HHGEO)	3,167	0	0	0	0	3,167	0	0	0
PR-3346	6092	200mm WM on Delrex Blvd. from Mountainview Rd. to Guelph St & Decommission easement between Delrex Blvd. and Baylor Cres (HHGEO)	6,738	0	0	0	0	6,738	0	0	0
3464	8181	Moore Park BS Upgrades (HHGEO)	717	0	0	0	0	717	0	0	0
PR-3470	8084	WM on Faludon Dr from Delrex Blvd to Delrex Blvd., WM on Delrex Blvd from Mountainview Rd S to Sargent Rd (HHS)	611	0	0	0	0	611	0	0	0
PR-3315	7873	200mm WM on Maple Ave from West of Thompson Rd North to Woodward Ave (MIL) (RR)	3,644	0	0	0	0	3,644	0	0	0
PR-3427	8113	Walker's Line Well Field - Decommissioning Plan (MIL)	500	0	0	0	0	500	0	0	0
PR-3130	8235	WM on Martin St (RR25) from Steeles Ave E to Chisholm Dr, Milton (MIL) (RR)	765	0	0	0	0	765	0	0	0
PR-3314	5556	150mm WM on West St from Riverview St. to Victoria St. , and 150mm WM on Victoria St. from West St. to Mississauga St. (OAK)	901	0	0	0	0	901	0	0	0
PR-3447	6269	150mm WM on Devon Rd. from Donnybrook Rd. to Brookmille Rd. (OAK)	449	0	0	0	0	449	0	0	0
PR-3314	6336	150mm WM on Stanfield Dr. from Bridge Rd. to Rebecca St. 150mm WM on Southland Crescent from Stanfield Drive to Stanfield Drive (OAK)	4,711	0	0	0	0	4,711	0	0	0
PR-3314	7041	200mm WM on Lees Lane from Rebecca St to Pine Grove Rd (OAK) (WWM)	4,779	0	0	0	0	4,779	0	0	0
PR-3314B	7107	200mm WM on Howard Avenue from Carson Ln. to Esplanade Drive; 200mm WM on Carson Lane from Park Ave. to Howard Ave.; 200mm WM on Park Avenue from Lakeshore Rd. E. to Esplanade; 200mm WM on Esplanade from Park Ave. to Howard Ave (OAK) (WM)	5,561	0	0	0	0	5,561	0	0	0
PR-3344	7298	Eighth Line Zone 3 Booster Station and Yard Piping Renewal (OAK)	6,297	0	0	0	0	6,297	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3447	7624	150mm WM on St. Augustine Drive from Speers Road to Elmwood Road (OAK)	769	0	0	0	0	769	0	0	0
PR-3412	7626	Eight Line Zone 4 Booster Station, Reservoir & Rechlorination Facility Renewal (OAK)	4,684	0	0	0	0	4,684	0	0	0
PR-3314	7695	150mm WM on Secord Avenue from Sherin Drive to Sandhurst Drive (OAK)	973	0	0	0	0	973	0	0	0
PR-3314B	7737	150mm WM on Water Street from William Street to Robinson Street 150mm WM on Robinson Street from Water Street to Navy Street 150mm WM on William Street from Water Street to Navy Street (OAK)	1,162	0	0	0	0	1,162	0	0	0
PR-3366	8005	Burloak WTP - Dehumidification and Building Automation System (BAS) Upgrades (OAK)	1,600	0	0	0	0	1,600	0	0	0
PR-3314	8013	200mm WM on Marine Dr from East St to Third Line (OAK)	5,084	0	0	0	0	5,084	0	0	0
PR-3447	8090	WM Trafalgar/Cornwall Intersection (OAK)	392	0	0	0	0	392	0	0	0
PR-3447	8091	WM on Allan St from Pine Ave to Easement North of Cornwall Road (OAK)	389	0	0	0	0	389	0	0	0
PR-2838	8188	New water service lines - HSE# 1007 to HSE# 1049 (Falgarwood Dr) & New WM and water service lines - HSE# 1181 to HSE# 1219 (Eighth Line) (OAK) RR	556	0	0	0	0	556	0	0	0
PR-3447	8192	WWM Easement between Devon Rd, Brook Place and Constance Dr (OAK)	332	0	0	0	0	332	0	0	0
PR-2838	8224	WM on NSR E from Iroquois Shore Road to 8th Line and WM on 8th Line from NSR to North of Iroquois Shore Road (OAK)	556	0	0	0	0	556	0	0	0
PR-2838	8232	WM on NSR E from Invicta Dr to Upper Middle Road (OAK)	557	0	0	0	0	557	0	0	0
PR-3446	8236	WM Saville Area - North of Bridge Road, WM Seabrook Dr. from Saxon Rd. to Swann Drive, WM Swann Drive from Seabrook Drive to Saxon Road, WM Seaton from Bridge Rd to Seabrook Dr, WM Saxon Rd from Trafford Cres to Saxon Rd/Seabrook Dr., WM Saxon Road fr	501	0	0	0	0	501	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
	6889	Vehicle Replacements (Existing)- Water (REG)	706	0	0	0	0	706	0	0	0
PR-3452	7463	Capital Needs Assessment for Booster Stations and Reservoirs located in Burlington (REG)	250	0	0	0	0	250	0	0	0
PR-3371	7464	Capital Needs Assessments for Booster Stations and Reservoirs located in Milton and Halton Hills (REG)	320	0	0	0	0	320	0	0	0
PR-3248	7630	Shut-Off Valve Replacement Program (REG)	200	0	0	0	0	200	0	0	0
PR-3332	7635	Water System Pressure & Flow Monitoring Program (REG)	100	0	0	0	0	100	0	0	0
PR-3249	7664	Water Maintenance Capital (System Services) (REG)	1,100	0	0	0	0	1,100	0	0	0
PR-3079B	7785	Asset Management Roadmap Implementation - SP4 (REG)	455	0	0	0	0	455	0	0	0
PR-3317	7875	Monitoring Well Replacement Program (REG)	5	0	0	0	0	5	0	0	0
PR-3320	7891	Water - New Maintenance Facility (REG)	5,000	0	0	0	0	5,000	0	0	0
PR-3349	7915	Regional Lab Equipment - Water (REG)	30	0	0	0	0	30	0	0	0
PR-3461	7991	North Water Treatment Plants - Roof Rehabilitation (REG)	849	0	0	0	0	849	0	0	0
PR-3289D	8024	Intermediate Meter Replacement - Planned	295	0	0	0	0	295	0	0	0
PR-3289C	8026	Large Meter Replacement - Planned	627	0	0	0	0	627	0	0	0
PR-3289E	8028	Small Meter Replacement - Planned	282	0	0	0	0	282	0	0	0
PR-3453	8103	Water Distribution Pump and System Curve Testing Program (REG)	100	0	0	0	0	100	0	0	0
PR-3233G	8117	Water Treatment Maintenance Capital - 2022 (REG)	1,250	0	0	0	0	1,250	0	0	0
PR-3431	8132	Construction Survey Equipment - Water (REG)	16	0	0	0	0	16	0	0	0
PR-3460	8201	Water and Wastewater Building Access Control System Upgrades (REG)	1,581	0	0	0	0	1,581	0	0	0
PR-3454	8244	Bulk Water Station Strategy (REG)	150	0	0	0	0	150	0	0	0
PR-3458	8248	Development of Large Watermain Inspection Program (REG)	500	0	0	0	0	500	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Sub-total			93,239	0	0	0	0	93,239	0	0	0
Total			97,837	1,235	0	0	0	96,602	0	0	0
Summary											
		Efficiency and Optimization	1,435	1,235	0	0	0	200	0	0	0
		Enhanced Levels of Service	3,163	0	0	0	0	3,163	0	0	0
		Maintain Current Levels of Service	93,239	0	0	0	0	93,239	0	0	0
Grand Total			97,837	1,235	0	0	0	96,602	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Efficiency and Optimization													
PR-3402	8070	Silvercreek WM from Moore Park BPS to Hwy 7 (HHGEO)	851	0	851	0	0	0	0	0	0	0	0
PR-3284	7817	Public Works Green Energy Program (REG)	4,137	0	781	781	1,885	311	0	379	0	0	0
PR-3319	7898	Water - Treatment Plant Optimization Studies (REG)	2,000	200	200	200	200	200	200	200	200	200	200
PR-3289W	8017	New Water Meter - 40mm (REG)	200	20	20	20	20	20	20	20	20	20	20
PR-3289X	8018	New Water Meter - 50mm (REG)	2,650	265	265	265	265	265	265	265	265	265	265
PR-3289Z	8019	New Water Meter - >100mm (REG)	250	25	25	25	25	25	25	25	25	25	25
PR-3289Y	8020	New Water Meter - 75mm (REG)	150	15	15	15	15	15	15	15	15	15	15
PR-3289V	8021	New Water Meter - 25mm (REG)	600	60	60	60	60	60	60	60	60	60	60
PR-3289U	8022	New Water Meter - 20mm (REG)	8,500	850	850	850	850	850	850	850	850	850	850
Sub-total			19,338	1,435	3,067	2,216	3,320	1,746	1,435	1,814	1,435	1,435	1,435
Enhanced Levels of Service													
PR-3448	8099	Easement WM from Cavendish Dr to Upper Middle Road (BUR)	2,948	732	0	2,216	0	0	0	0	0	0	0
PR-3337	7976	New WM for 8th line (Wildwood Estates) (HHGEO)	948	0	948	0	0	0	0	0	0	0	0
PR-3401B	8069	WM on Elgin St/easement (under tracks) from King St to Rosetta St AND Abandoning the existing 150mm WM on easement from King St to St. Michaels St. on Queen St, Georgetown install new WM on Queen St from King St to the end of Queen St to re-service the Me	5,037	915	0	4,122	0	0	0	0	0	0	0
	8068	WM on Laurier Ave. from Ontario Street. to Commercial Street (MIL)	5,614	0	1,643	0	3,971	0	0	0	0	0	0
PR-3400	7931	300mm WM on Ninth Line from Upper Middle Road to 1000m north of Upper Middle Road (Hydro Corridor) (OAK)	685	685	0	0	0	0	0	0	0	0	0
PR-3355	7974	Supply and redundancy to Oakville Zone 3 and 2A (OAK)	3,953	350	3,603	0	0	0	0	0	0	0	0
	7007	Vehicle - New - Water (REG)	462	231	0	0	0	0	0	0	231	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3360	7989	Oak Ridges Moraine Groundwater Program (REG)	2,610	250	260	270	280	290	300	310	320	330	0
	8213	Water Treatment - Capital Needs Assessment Update (REG)	320	0	320	0	0	0	0	0	0	0	0
		Sub-total	22,577	3,163	6,774	6,608	4,251	290	300	310	551	330	0
Maintain Current Levels of Service													
	4525	Replacement of WM on Hampton Heath Rd from New St. to Windermere Dr (BUR)	2,822	0	0	560	0	2,262	0	0	0	0	0
PR-3310	6074	200mm WM on Linmouth Tr. from Falmouth Tr. to Faversham Ave. (BUR)	986	0	986	0	0	0	0	0	0	0	0
	6262	Replacement of WM on Mainway from Guelph Line to Walkers Line (BUR) (RR)	11,765	0	2,033	0	9,732	0	0	0	0	0	0
PR-3219	6287	Replacement of WM on Regency Ct. from Prospect St. to Tecumseh Dr. (BUR) (RR)	2,210	0	2,210	0	0	0	0	0	0	0	0
	6295	200mm WM on Francis Rd. from Glenview Ave. to Plains Rd. (BUR)	5,211	0	0	916	0	4,295	0	0	0	0	0
PR-3310	6303	300mm WM on Havendale Blvd. from Brant St to End (BUR)	4,172	0	4,172	0	0	0	0	0	0	0	0
PR-2946B	6946	300mm WM on Waterdown Road from Mountainbrow Rd to Waterdown BS (BUR) (RR)	1,870	1,870	0	0	0	0	0	0	0	0	0
PR-3310B	7410	300mm WM on Tyandaga Park Dr from Brant Street to Kerns Road and 200mm WM on Easement from Tyandaga Park Dr to Ester Dr and 150mm WM on Westbury Ave from Tyandaga Park Dr to Ester Dr and 150mm WM on Wakefield Cres from Tyandaga Park Dr to End	7,971	7,971	0	0	0	0	0	0	0	0	0
PR-3353	7414	Headon Reservoir and Rechlorination Facility Capital Project (BUR)	6,166	6,166	0	0	0	0	0	0	0	0	0
PR-3095B	7688	Replacement of Yard Piping (Incoming and Discharge) at Bailie Reservoir (BUR)	1,200	1,200	0	0	0	0	0	0	0	0	0
PR-3219	7735	300mm WM on Prospect Street and Guelph Line Intersection (BUR) (RR)	294	0	294	0	0	0	0	0	0	0	0
PR-3219	7753	300mm WM on Prospect Street from Guelph Line to Cumberland Ave (BUR) (RR)	1,312	0	1,312	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3358	7822	Burlington WTP - Surge Protection Upgrades (BUR)	1,500	0	1,500	0	0	0	0	0	0	0	0
PR-3448	7871	New WM on North Service Road from Brant St to Kerns Road, WM on Brant St from Mt. Forest BPS to 140m South of NSR, Abandoning or replacement of existing AC WM in Easement (BUR) (RR)	9,045	2,136	0	6,909	0	0	0	0	0	0	0
PR-3219	7934	200mm WM on Dynes Rd. from Prospect St. to Woodward Ave (BUR) (RR)	713	0	713	0	0	0	0	0	0	0	0
PR-3219	7970	Replacement of WM on Prospect St. from Brant St to Joyce St , WM on Prospect St. from Guelph Line to Ashley Ave and WM on Grahams Lane from Brant St to 30m E. of Hammond St. (BUR)	11,348	0	11,348	0	0	0	0	0	0	0	0
PR-3352	7973	300mm WM on Dundas St from Beaufort Reservoir to 216M East (BUR)	835	0	0	835	0	0	0	0	0	0	0
PR-3358	7984	Burlington WTP - Primary Power Replacement (BUR)	2,500	0	2,500	0	0	0	0	0	0	0	0
PR-3358	7993	Burlington WTP - Roof Rehabilitation (BUR)	3,788	0	3,788	0	0	0	0	0	0	0	0
	8000	Replacement of WM Drury Lane from Orpha St (Chamber ID 7832) to southside of the control valve ID # 358464 (BUR) (RR) (WWM)	2,078	0	463	0	1,615	0	0	0	0	0	0
PR-3146B	8002	Replacement of WM on Bromley from White Pines Dr. to Linwood Cres. , Linwood Cres. from Spruce Ave to Cul-de-sac and Maureen Court Bromley to end (BUR)	3,942	0	3,942	0	0	0	0	0	0	0	0
	8064	WM Harvester Road/Queensway Drive Corridor (BUR) (RR)	4,541	0	1,063	0	0	3,478	0	0	0	0	0
PR-3403	8076	WM on Hertel Cres from Dequincy Cres to Royal Dr (BUR)	1,079	0	1,079	0	0	0	0	0	0	0	0
	8088	WM on Innswood Dr from Moss Glen Road to Parkway Dr (BUR)	1,568	0	0	0	0	424	0	1,144	0	0	0
PR-3449	8092	WM on Fairview St from Angela Ct to Taylor Cres (BUR)	1,084	383	0	701	0	0	0	0	0	0	0
PR-3422	8107	Burlington WTP - Ozone Generator PSU Upgrade (BUR)	3,315	0	3,315	0	0	0	0	0	0	0	0
	8185	WM on Brant St from Upper Middle Road to Brant St Reservoir (OAK)	9,511	0	0	1,638	0	7,873	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	8186	WM on Plains Road from Brant St to Maple Ave (extend limit up to 350m west of Maple Ave) (BUR)	11,321	0	0	1,815	0	9,506	0	0	0	0	0
PR-3404	8189	WM on Park Ave W from Fairwood PL to LaSalle Park Road, WM on Park Ave E from LaSalle Park Road to Townsend Ave (BUR) (RR)	3,058	809	0	2,249	0	0	0	0	0	0	0
	8225	WM Thomas Ct (BUR)	1,298	0	0	0	0	0	405	0	893	0	0
PR-3346	7905	150mm WM on Reid Crt from Rexway Dr to End (HHACT) (WWM)	461	461	0	0	0	0	0	0	0	0	0
PR-3470	8243	WM on Church St W from Victoria Ave up to 180m towards Main St S (HHACT)	2,558	776	0	1,782	0	0	0	0	0	0	0
	8246	WM on Commerce Cr. from Wallace St. to End (HHACT) (HHACT)	3,550	0	570	0	2,980	0	0	0	0	0	0
PR-3470	8266	WM on Main St S from Church St to 100m south of Kingham Road (HHACT)	3,312	629	0	2,683	0	0	0	0	0	0	0
PR-3470	6001	150mm WM on Marilyn Cr. from Torino Gt. to Torino Gt (HHGEO) (WWM)	3,071	627	0	2,444	0	0	0	0	0	0	0
PR-3346	6070	200mm WM on Pennington Cr. from Mountainview Rd. to End (HHGEO)	3,167	3,167	0	0	0	0	0	0	0	0	0
PR-3346	6092	200mm WM on Delrex Blvd. from Mountainview Rd. to Guelph St & Decommission easement between Delrex Blvd. and Baylor Cres (HHGEO)	6,738	6,738	0	0	0	0	0	0	0	0	0
PR-3147	7411	Watermain on 10th Side Road from 10th Line to Winston Churchill Blvd (HHGEO)	1,581	0	0	1,581	0	0	0	0	0	0	0
PR-3337	7620	150mm WM on Ontario Street from Ewing Street to 100m North (HHGEO) (WWM)	887	0	887	0	0	0	0	0	0	0	0
PR-3407	8066	WM on Trafalgar Road from No 17siderd/Maple Ave to Northerly (~ 765m) ()	3,296	0	3,296	0	0	0	0	0	0	0	0
3464	8181	Moore Park BS Upgrades (HHGEO)	2,437	717	1,720	0	0	0	0	0	0	0	0
PR-3470	8084	WM on Faludon Dr from Delrex Blvd to Delrex Blvd., WM on Delrex Blvd from Mountainview Rd S to Sargent Rd (HHS)	3,025	611	0	2,414	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3315	7873	200mm WM on Maple Ave from West of Thompson Rd North to Woodward Ave (MIL) (RR)	3,644	3,644	0	0	0	0	0	0	0	0	0
	8079	WM on Steeles Ave from East of Esquesing to Harrop (MIL)	6,341	0	0	1,531	0	4,810	0	0	0	0	0
PR-3427	8113	Walker's Line Well Field - Decommissioning Plan (MIL)	500	500	0	0	0	0	0	0	0	0	0
PR-3130	8235	WM on Martin St (RR25) from Steeles Ave E to Chisholm Dr, Milton (MIL) (RR)	4,375	765	0	0	3,610	0	0	0	0	0	0
PR-3314	5556	150mm WM on West St from Riverview St. to Victoria St. , and 150mm WM on Victoria St. from West St. to Mississaga St. (OAK)	901	901	0	0	0	0	0	0	0	0	0
	6126	200mm WM on Donessle Drive from Esselmont Avenue to End 200mm WM on Esselmont Avenue from Donessle Drive to Chartwell Road (OAK)	2,856	0	596	0	2,260	0	0	0	0	0	0
PR-2838	6172	400mm WM on North Service Road from Invicta Drive to 200 m Westerly (OAK) (RR)	550	0	0	550	0	0	0	0	0	0	0
PR-3447	6269	150mm WM on Devon Rd. from Donnybrook Rd. to Brookmille Rd. (OAK)	1,673	449	0	1,224	0	0	0	0	0	0	0
PR-2838	6282	400mm WM on North Service Rd. from 350 m East of Iroquois Shore Rd. to 200 m West of Invicta Dr. (OAK) (RR)	1,975	0	0	1,975	0	0	0	0	0	0	0
PR-3314	6336	150mm WM on Stanfield Dr. from Bridge Rd. to Rebecca St. 150mm WM on Southland Crescent from Stanfield Drive to Stanfield Drive (OAK)	4,711	4,711	0	0	0	0	0	0	0	0	0
PR-2838	7032	400mm WM on Invicta Drive from North Service Road East to 1140 North Service Rd (OAK) (RR)	870	0	0	870	0	0	0	0	0	0	0
PR-3314	7041	200mm WM on Lees Lane from Rebecca St to Pine Grove Rd (OAK) (WWM)	4,779	4,779	0	0	0	0	0	0	0	0	0
PR-3314B	7107	200mm WM on Howard Avenue from Carson Ln. to Esplanade Drive; 200mm WM on Carson Lane from Park Ave. to Howard Ave.; 200mm WM on Park Avenue from Lakeshore Rd. E. to Esplanade; 200mm WM on Esplanade from Park Ave. to Howard Ave (OAK) (WM)	5,561	5,561	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3344	7298	Eighth Line Zone 3 Booster Station and Yard Piping Renewal (OAK)	6,297	6,297	0	0	0	0	0	0	0	0	0
PR-3382	7456	Burloak WTP - Replace Zebra Mussel Chlorination and Sampling Lines (Intake) (OAK)	2,787	0	2,787	0	0	0	0	0	0	0	0
PR-3413	7623	Capital Needs Assessment for Booster Stations and Reservoirs located in Oakville (OAK)	350	0	0	0	0	350	0	0	0	0	0
PR-3447	7624	150mm WM on St. Augustine Drive from Speers Road to Elmwood Road (OAK)	4,257	769	0	3,488	0	0	0	0	0	0	0
PR-3412	7626	Eight Line Zone 4 Booster Station, Reservoir & Rechlorination Facility Renewal (OAK)	4,684	4,684	0	0	0	0	0	0	0	0	0
PR-3314	7695	150mm WM on Secord Avenue from Sherin Drive to Sandhurst Drive (OAK)	973	973	0	0	0	0	0	0	0	0	0
PR-3314B	7737	150mm WM on Water Street from William Street to Robinson Street 150mm WM on Robinson Street from Water Street to Navy Street 150mm WM on William Street from Water Street to Navy Street (OAK)	1,162	1,162	0	0	0	0	0	0	0	0	0
PR-3366	8005	Burloak WTP - Dehumidification and Building Automation System (BAS) Upgrades (OAK)	1,600	1,600	0	0	0	0	0	0	0	0	0
PR-3314	8013	200mm WM on Marine Dr from East St to Third Line (OAK)	5,084	5,084	0	0	0	0	0	0	0	0	0
PR-3429	8082	WM on McCraney St W and side streets (OAK)	8,127	0	8,127	0	0	0	0	0	0	0	0
PR-3447	8090	WM Trafalgar/Cornwall Intersection (OAK)	1,336	392	0	944	0	0	0	0	0	0	0
PR-3447	8091	WM on Allan St from Pine Ave to Easement North of Cornwall Road (OAK)	1,092	389	0	703	0	0	0	0	0	0	0
PR-3421	8120	Burloak WTP - Disinfection - Ozone Generator Re-build and Controller Upgrade (OAK)	1,042	0	1,042	0	0	0	0	0	0	0	0
PR-3421	8127	Oakville WTP - Disinfection - Ozone PSU Upgrade (OAK)	2,895	0	2,895	0	0	0	0	0	0	0	0
	8187	WM on Old Upper Middle Road from Elm Road to up to 16 Mile Creek PS (OAK)	3,422	0	0	654	0	2,768	0	0	0	0	0
PR-2838	8188	New water service lines - HSE# 1007 to HSE# 1049 (Falgarwood Dr) & New WM and water service lines - HSE# 1181 to HSE# 1219 (Eighth Line) (OAK) RR	4,631	556	0	4,075	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3447	8192	WWM Easement between Devon Rd, Brook Place and Constance Dr (OAK)	1,228	332	0	896	0	0	0	0	0	0	0
PR-3451	8211	Disconnect and Decommission Water Connections to Region of Peel's Water System: a) Dover Crt (Bristol Circle); b) Royal Windsor Dr (Winston Churchill Ave) (OAK)	2,222	0	722	1,500	0	0	0	0	0	0	0
PR-2838	8224	WM on NSR E from Iroquois Shore Road to 8th Line and WM on 8th Line from NSR to North of Iroquois Shore Road (OAK)	4,631	556	0	4,075	0	0	0	0	0	0	0
PR-2838	8232	WM on NSR E from Invicta Dr to Upper Middle Road (OAK)	4,632	557	0	4,075	0	0	0	0	0	0	0
	8234	WM on Pine Glen Road - West side and East side - under review by ISI group (OAK)	3,004	0	0	670	0	2,334	0	0	0	0	0
PR-3446	8236	WM Saville Area - North of Bridge Road, WM Seabrook Dr. from Saxon Rd. to Swann Drive, WM Swann Drive from Seabrook Drive to Saxon Road, WM Seaton from Bridge Rd to Seabrook Dr, WM Saxon Rd from Trafford Cres to Saxon Rd/Seabrook Dr., WM Saxon Road fr	3,874	501	0	3,373	0	0	0	0	0	0	0
	6889	Vehicle Replacements (Existing)- Water (REG)	9,346	706	1,035	389	676	1,340	1,323	1,134	1,229	1,036	478
PR-3452	7463	Capital Needs Assessment for Booster Stations and Reservoirs located in Burlington (REG)	500	250	0	0	0	0	250	0	0	0	0
PR-3371	7464	Capital Needs Assessments for Booster Stations and Reservoirs located in Milton and Halton Hills (REG)	640	320	0	0	0	0	320	0	0	0	0
PR-3248	7630	Shut-Off Valve Replacement Program (REG)	2,000	200	200	200	200	200	200	200	200	200	200
PR-3332	7635	Water System Pressure & Flow Monitoring Program (REG)	300	100	100	100	0	0	0	0	0	0	0
PR-3249	7664	Water Maintenance Capital (System Services) (REG)	4,600	1,100	1,500	500	500	500	500	0	0	0	0
	7726	Water Equipment - Lifecycle Model (REG)	36,696	0	0	0	2,666	5,941	4,891	4,966	5,596	7,687	4,949
PR-3079B	7785	Asset Management Roadmap Implementation - SP4 (REG)	5,114	455	1,965	596	605	493	200	200	200	200	200
PR-3276	7797	SCADA Master Plan Implementation - Water (REG)	18,320	0	1,850	5,510	5,710	4,380	230	410	230	0	0
PR-3317	7875	Monitoring Well Replacement Program (REG)	85	5	15	5	15	5	15	5	15	5	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3320	7891	Water - New Maintenance Facility (REG)	5,000	5,000	0	0	0	0	0	0	0	0	0
PR-2173C	7896	North Water Well Rehabilitation - 2021 (REG)	2,400	0	872	0	1,324	0	0	204	0	0	0
PR-3349	7915	Regional Lab Equipment - Water (REG)	148	30	12	106	0	0	0	0	0	0	0
PR-3461	7991	North Water Treatment Plants - Roof Rehabilitation (REG)	849	849	0	0	0	0	0	0	0	0	0
	8006	Treatment Facility Building Automation System Standards - Water (REG)	150	0	0	150	0	0	0	0	0	0	0
PR-3289D	8024	Intermediate Meter Replacement - Planned	2,363	295	297	301	198	202	206	210	214	218	222
PR-3289C	8026	Large Meter Replacement - Planned	6,013	627	637	648	552	563	574	585	597	609	621
PR-3289E	8028	Small Meter Replacement - Planned	3,082	282	287	293	299	305	311	317	323	329	336
PR-3453	8103	Water Distribution Pump and System Curve Testing Program (REG)	420	100	0	0	100	0	110	0	0	110	0
PR-3233G	8117	Water Treatment Maintenance Capital - 2022 (REG)	14,750	1,250	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
PR-3431	8132	Construction Survey Equipment - Water (REG)	16	16	0	0	0	0	0	0	0	0	0
PR-3460	8201	Water and Wastewater Building Access Control System Upgrades (REG)	1,781	1,581	200	0	0	0	0	0	0	0	0
	8226	Water Transmission - Lifecycle Model (REG)	110,236	0	0	0	0	10,102	18,735	16,836	22,218	29,216	13,129
	8228	Water Treatment - Lifecycle Model (REG)	332,839	0	0	0	4,921	0	27,817	64,666	55,815	73,686	105,934
	8233	Orphaned Main Replacement Program (REG)	8,044	0	0	1,391	0	6,653	0	0	0	0	0
PR-3454	8244	Bulk Water Station Strategy (REG)	150	150	0	0	0	0	0	0	0	0	0
	8245	Condition Assessment of Bulk Water Stations (REG)	500	0	250	0	0	0	0	250	0	0	0
PR-3458	8248	Development of Large Watermain Inspection Program (REG)	500	500	0	0	0	0	0	0	0	0	0
	8257	Water Treatment Mid-Long Term Roof Rehab (5-10 Years) (REG)	1,553	0	0	0	1,553	0	0	0	0	0	0
		Sub-total	829,047	93,239	74,080	68,819	41,016	70,284	57,587	92,627	89,030	114,796	127,569

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Regulation and Environmental Protection													
	8259	Water Treatment - Emergency Chlorine Shut-off Valve Upgrades (REG)	835	0	835	0	0	0	0	0	0	0	0
		Sub-total	835	0	835	0	0	0	0	0	0	0	0
		Total Required Financing	871,797	97,837	84,756	77,643	48,587	72,320	59,322	94,751	91,016	116,561	129,004

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

WATER & WASTERWATER - CAPITAL

WATER DEVELOPMENT

CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

2023 WATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)												
DEVELOPMENT	PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Growth												
	5881		400 mm WM from Waterdown booster pumping station along North Service Rd to King Rd (Zone B2) (BUR)	1,881	0	0	1,373	0	0	508	0	0
	6708		300mm WM on Elizabeth St from James St to approximately 95 m north (BUR)	41	0	0	34	0	0	7	0	0
	6863		Waterdown Road Booster Pumping Station Expansion (Zones B2, B3A & B5A) (BUR)	1,385	0	0	1,011	0	0	374	0	0
	7570		4.5 ML North Aldershot in ground Reservoir (Zone B3B) (BUR)	200	0	0	146	0	0	54	0	0
	6597		300mm WM on RR 25 from No. 32 Side Rd to 640 m north of Wallace St. (Zone A9G) (HHACTION)	390	0	0	285	0	0	105	0	0
	6600		300 mm WM on No. 32 Side Rd from RR 25 to 3rd Line Reservoir (Zone A9G) (HHACTION)	408	0	0	298	0	0	110	0	0
	6694		10 ML Zone G6L Storage at 22nd Side Rd (HHGEO)	3,357	0	0	2,451	0	0	906	0	0
	6641		400 mm WM on Hornby Rd from Steeles Ave to Trafalgar Rd (Zone 250) (HHS)	751	0	0	548	0	0	203	0	0
	6642		400 mm WM in the 401 growth corridor north of Steeles from Hornby Rd to Trafalgar Rd (Zone 250) (HHS)	1,199	0	0	875	0	0	324	0	0
	6643		400 mm WM in the 401 growth corridor north of Steeles from Trafalgar Rd to approximately 400m east of 8th Line (Zone 250) (HHS)	996	0	0	727	0	0	269	0	0
	6644		400mm WM in the 401 growth corridor from Steeles Ave to approximately 300 m north (Zone 250) (HHS)	342	0	0	250	0	0	92	0	0
	6618		400mm WM on new roadway south of Britannia Rd from 4th Line to 5th Line (Zone M4) (MIL)	684	0	0	499	0	0	185	0	0
	6619		400mm WM on new roadway south of Britannia Rd from 5th Line to 6th Line (Zone M4) (MIL)	532	0	0	388	0	0	144	0	0
	6620		400mm WM on 6th Line from Britannia Rd to 600 m south (Zone M4) (MIL)	325	0	0	237	0	0	88	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT											
2023 WATER SYSTEM											
PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
	6621	400mm WM on 6th Line from Britannia Rd to future Louis St. Laurent Blvd. (Zone M4) (MIL)	833	0	0	608	0	0	225	0	0
	6622	400mm WM on 6th Line from Derry Rd to future Louis St. Laurent Blvd (Zone M4) (MIL)	925	0	0	675	0	0	250	0	0
	6623	400mm WM on 5th Line from Britannia Rd to future Louis St. Laurent Blvd (Zone M4) (MIL)	641	0	0	468	0	0	173	0	0
PR-3067B	3713	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Design) (OAK)	460	0	0	340	0	0	120	0	0
PR-2894	5627	600mm WM through North Oakville Lands from Tremaine Rd to Bronte Rd (Zone O3) (OAK)	2,265	0	0	1,653	0	0	612	0	0
PR-3067B	6443	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Construction) (OAK)	2,700	0	0	1,998	0	0	702	0	0
PR-3303	6662	600mm WM on Wyecroft Rd from Burloak Dr to the 900mm WM on the SE corner of Third Line and QEW. Phase 1 (OAK)	911	0	0	674	0	0	237	0	0
	7496	Modifications to the Burnhamthorpe Water Tower (OAK)	1,145	0	0	827	0	57	261	0	0
PR-3351	7503	300 mm WM on Sixth Line from Hays Blvd to River Glen Blvd. Project required to support Zone 3/4/5 Boundary Re-alignment (OAK)	15,996	0	0	11,549	0	800	3,647	0	0
PR-3351	7514	8th Line Zone 4 Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (OAK)	5,490	0	0	3,911	0	275	1,304	0	0
	8139	400mm WM on new North Oakville Rd west of Neyagawa Blvd. -Construction (OAK)	3,993	0	0	2,915	0	0	1,078	0	0
PR-3351	7515	System PRV implementation to support Zone 3/4/5 Boundary Re-alignment (REG)	3,501	0	0	2,495	0	175	831	0	0
	8150	Halton Water Master Plan (REG)	800	0	0	608	0	0	192	0	0
	8151	Water Distribution System Analysis (REG)	110	0	0	84	0	0	26	0	0
	8152	Water Supply Capacity Annual Monitoring Report (REG)	50	0	0	38	0	0	12	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT											
2023 WATER SYSTEM											
PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Sub-total			52,311	0	0	37,965	0	1,307	13,039	0	0
Total			52,311	0	0	37,965	0	1,307	13,039	0	0
Summary											
Growth			52,311	0	0	37,965	0	1,307	13,039	0	0
Grand Total			52,311	0	0	37,965	0	1,307	13,039	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
<u>Growth</u>													
	5850	1050mm WM on Upper Middle Rd from Burloak Drive to Appleby Line (Zone B2) (Construction) (BUR)	14,546	0	14,546	0	0	0	0	0	0	0	0
	5881	400 mm WM from Waterdown booster pumping station along North Service Rd to King Rd (Zone B2) (BUR)	9,407	1,881	0	7,526	0	0	0	0	0	0	0
PR-2727B	6367	Burloak Booster Pumping Station Phase 1, 60 ML/d (Zone B2) - Construction (BUR)	16,848	0	16,848	0	0	0	0	0	0	0	0
	6602	7.5 ML storage expansion at Waterdown Reservoir (existing site) (Zone B1A) (BUR)	12,587	0	2,517	0	10,070	0	0	0	0	0	0
	6708	300mm WM on Elizabeth St from James St to approximately 95 m north (BUR)	205	41	0	164	0	0	0	0	0	0	0
	6710	300mm WM on Plains Rd East (Twinning adjacent to 6709) (BUR)	680	0	0	0	0	0	136	0	544	0	0
	6711	300mm WM on Birchwood Avenue from Plains Rd East southwards towards Fairwood Place East (BUR)	125	0	0	0	25	0	100	0	0	0	0
	6712	300mm WM on Gallagher Rd from Plains Rd East to 160 m Northerly (BUR)	268	0	0	0	54	0	214	0	0	0	0
	6713	300mm WM on Downsview Rd from Plains Rd East to Dowland Crescent (BUR)	300	0	0	0	60	0	240	0	0	0	0
	6863	Waterdown Road Booster Pumping Station Expansion (Zones B2, B3A & B5A) (BUR)	6,926	1,385	0	5,541	0	0	0	0	0	0	0
	7014	400 mm WM from Waterdown Reservoir Booster Pumping Station to new North Aldershot Reservoir (Zone B3A) (BUR)	3,631	0	0	726	0	2,905	0	0	0	0	0
	7570	4.5 ML North Aldershot in ground Reservoir (Zone B3B) (BUR)	7,552	200	1,470	0	5,882	0	0	0	0	0	0
	6597	300mm WM on RR 25 from No. 32 Side Rd to 640 m north of Wallace St. (Zone A9G) (HHACTION)	1,952	390	0	1,562	0	0	0	0	0	0	0
	6600	300 mm WM on No. 32 Side Rd from RR 25 to 3rd Line Reservoir (Zone A9G) (HHACTION)	2,038	408	0	1,630	0	0	0	0	0	0	0
	6613	600mm WM on No 10 Side Rd from 10th Line to Adamson St S (Zone G6L) (HHGEO)	2,539	0	0	0	0	508	0	2,031	0	0	0

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Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6614	600 mm WM on Adamson St from 10th Side Rd to Guelph St (Zone G6L) (HHGEO)	3,592	0	0	0	0	718	0	2,874	0	0	0
	6615	600mm WM on Guelph St from Adamson St to Bovaird Dr (Region of Peel) (Zone G6L) (HHGEO)	6,884	0	0	0	0	1,377	0	5,507	0	0	0
	6694	10 ML Zone G6L Storage at 22nd Side Rd (HHGEO)	16,783	3,357	0	13,426	0	0	0	0	0	0	0
	6697	15 ML storage expansion at Zone M4 Reservoir (TWL = 250m) (HHGEO)	25,174	0	5,035	0	20,139	0	0	0	0	0	0
	6733	300 mm WM Replacement on Cross St from Guelph St to Main St (HHGEO)	228	0	0	0	0	0	46	0	182	0	0
	8135	750mm WM on Trafalgar from 15th Side Rd to 22nd Side Rd Lake Based Reservoir - Construction (Zone G6L) (HHGEO)	16,907	0	16,907	0	0	0	0	0	0	0	0
	8136	400mm WM on 17th Side Rd from Trafalgar Rd to Main St - Construction (Zone G6L) (HHGEO)	2,528	0	2,528	0	0	0	0	0	0	0	0
	8137	750mm WM on Trafalgar Rd from 10th Side Rd to approximately 1,700 m north of 10th Side Rd- Construction (Zone G6L) (HHGEO)	5,486	0	5,486	0	0	0	0	0	0	0	0
	8138	750mm WM on Trafalgar from 1,700 m north of 10th Side Rd to 15th Side Rd -Construction (Zone G6L) (HHGEO)	4,881	0	4,881	0	0	0	0	0	0	0	0
	6641	400 mm WM on Hornby Rd from Steeles Ave to Trafalgar Rd (Zone 250) (HHS)	3,754	751	0	3,003	0	0	0	0	0	0	0
	6642	400 mm WM in the 401 growth corridor north of Steeles from Hornby Rd to Trafalgar Rd (Zone 250) (HHS)	5,995	1,199	0	4,796	0	0	0	0	0	0	0
	6643	400 mm WM in the 401 growth corridor north of Steeles from Trafalgar Rd to approximately 400m east of 8th Line (Zone 250) (HHS)	4,979	996	0	3,983	0	0	0	0	0	0	0
	6644	400mm WM in the 401 growth corridor from Steeles Ave to approximately 300 m north (Zone 250) (HHS)	1,708	342	0	1,366	0	0	0	0	0	0	0
	6645	400mm WM in the 401 growth corridor north of Steeles Ave. from 1,000 m west of 9th Line to 900 m east of 9th Line (Zone 250) (HHS)	3,292	0	0	0	0	658	0	2,634	0	0	0
	6646	400mm WM in the 401 growth corridor from Steeles Ave to approximately 330 m north (Zone 250) (HHS)	1,655	0	0	0	0	331	0	1,324	0	0	0

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Note: Schedule may not add due to rounding.

DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6647	400mm WM in the 401 growth corridor north of Steeles Ave. from 600 m west of 10th Line to 1,000 m east of 10th Line (Zone 250) (HHS)	3,379	0	0	0	0	676	0	2,703	0	0	0
	6648	400mm WM in the 401 growth corridor from Steeles Ave to 340 m north (Zone 250) (HHS)	2,078	0	0	0	0	416	0	1,662	0	0	0
	6616	400mm WM on Thompson Rd South from Britannia Rd to approx. 1,211m south (Zone M4) (MIL)	2,716	0	543	0	2,173	0	0	0	0	0	0
	6617	400mm WM on new roadway south of Britannia Rd from Thompson Rd South to 4th Line (Zone M4) (MIL)	3,360	0	672	0	2,688	0	0	0	0	0	0
	6618	400mm WM on new roadway south of Britannia Rd from 4th Line to 5th Line (Zone M4) (MIL)	3,421	684	0	2,737	0	0	0	0	0	0	0
	6619	400mm WM on new roadway south of Britannia Rd from 5th Line to 6th Line (Zone M4) (MIL)	2,658	532	0	2,126	0	0	0	0	0	0	0
	6620	400mm WM on 6th Line from Britannia Rd to 600 m south (Zone M4) (MIL)	1,623	325	0	1,298	0	0	0	0	0	0	0
	6621	400mm WM on 6th Line from Britannia Rd to future Louis St. Laurent Blvd. (Zone M4) (MIL)	4,163	833	0	3,330	0	0	0	0	0	0	0
	6622	400mm WM on 6th Line from Derry Rd to future Louis St. Laurent Blvd (Zone M4) (MIL)	4,625	925	0	3,700	0	0	0	0	0	0	0
	6623	400mm WM on 5th Line from Britannia Rd to future Louis St. Laurent Blvd (Zone M4) (MIL)	3,205	641	0	2,564	0	0	0	0	0	0	0
	6624	400mm WM on 4th Line from Britannia Rd to 650 m south (Zone M4) (MIL)	2,207	0	441	0	1,766	0	0	0	0	0	0
	6625	400mm WM on Lower Base Line (East) from 4th Line to 5th Line (Zone M4) (MIL)	3,840	0	768	0	3,072	0	0	0	0	0	0
	6626	400mm WM on 5th Line from Britannia Rd to 650 m south (Zone M4) (MIL)	1,304	0	261	0	1,043	0	0	0	0	0	0
	6627	400mm WM on 4th Line from 650 m south of Britannia Rd to Lower Base Line (West) (Zone M4) (MIL)	3,697	0	739	0	2,958	0	0	0	0	0	0
	6628	400mm WM on 5th Line from 650 m south of Britannia Rd to Lower Base Line (West) (Zone M4) (MIL)	4,469	0	894	0	3,575	0	0	0	0	0	0

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CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6629	600mm WM on Louis St. Laurent Ave from 5th Line to 6th Line (Zone M4) (MIL)	4,409	0	882	0	3,527	0	0	0	0	0	0
	6630	600mm WM on Louis St. Laurent Ave from 6th Line to Trafalgar Rd (Zone M4) (MIL)	5,932	0	1,186	0	4,746	0	0	0	0	0	0
	6631	400mm WM on Louis St. Laurent Ave from Trafalgar Rd to 8th Line (Zone M4) (MIL)	3,861	0	772	0	3,089	0	0	0	0	0	0
	6634	400mm WM on new Milton Rd from Trafalgar Rd to approximately 700 m east (Zone M4) (MIL)	2,203	0	441	0	1,762	0	0	0	0	0	0
	6635	400mm WM on 8th Line from Derry Rd. to future Louis St. Laurent Blvd (Zone M4) (MIL)	4,240	0	848	0	3,392	0	0	0	0	0	0
	6636	400mm WM on 8th Line from Britannia Rd to future Louis St. Laurent Blvd (Zone M4) (MIL)	3,701	0	740	0	2,961	0	0	0	0	0	0
	6637	400mm WM on new roadway from Britannia Rd to approx. 1,200 m south (Zone M4) (MIL)	2,600	0	520	0	2,080	0	0	0	0	0	0
	6638	400mm WM on Derry Rd from Trafalgar Rd to 8th Line (Zone M4) (MIL)	2,557	0	511	0	2,046	0	0	0	0	0	0
	6649	400mm WM on Esquesing Line from James Snow Parkway to approximately 800 m north (Zone 267) (MIL)	1,952	0	390	0	1,562	0	0	0	0	0	0
	6650	400mm WM on new roadway from Esquesing Line to approximately 360 m west of Boston Church Rd (Zone 267) (MIL)	4,989	0	998	0	3,991	0	0	0	0	0	0
	6652	400mm WM on new roadway from 400 m west of Third Line to No 5 Side Rd (Zone 267) (MIL)	1,792	0	358	0	1,434	0	0	0	0	0	0
	6653	400mm WM on No 5 Side Rd from approximately 400 m west of 3rd Line to 3rd Line (Zone 267) (MIL)	842	0	168	0	674	0	0	0	0	0	0
	6657	400mm WM on Tremaine Rd from Britannia Rd to 2,200 m south of Britannia Rd (Zone 223.5) (MIL)	5,309	0	1,062	0	4,247	0	0	0	0	0	0
	6659	400mm WM on new road alignment from Tremaine Rd to approximately 360 m west (Zone 223.5) (MIL)	846	0	0	169	0	677	0	0	0	0	0
	6666	750mm WM on Neyagawa Blvd. from Burnhamthorpe Rd W to Lower Base Line W (MIL)	12,505	0	0	0	0	0	0	0	2,501	10,004	0

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CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6723	400mm WM on Bronte St between Main St West and Barton St (MIL)	1,426	0	0	285	0	1,141	0	0	0	0	0
	6724	300mm WM on Main St East between James St and Martin St (MIL)	585	0	0	0	117	0	468	0	0	0	0
	6725	300mm WM on Laurier Avenue between Bronte St and Commercial St (MIL)	2,139	0	0	428	0	1,711	0	0	0	0	0
	8271	Projects to Support the Pressure Boundary Re-alignment in Milton Including Milton West Looping and System PRV (MIL)	28,379	0	0	2,871	0	25,508	0	0	0	0	0
PR-3067B	3713	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Design) (OAK)	460	460	0	0	0	0	0	0	0	0	0
PR-2894	5627	600mm WM through North Oakville Lands from Tremaine Rd to Bronte Rd (Zone O3) (OAK)	11,326	2,265	0	9,061	0	0	0	0	0	0	0
PR-2581B	5951	Design of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	14,734	0	14,734	0	0	0	0	0	0	0	0
PR-2695B	6368	1050mm WM on Burloak Dr from the QEW to Upper Middle Rd (Zone B2) - Construction (OAK)	13,975	0	13,975	0	0	0	0	0	0	0	0
PR-2581C	6372	Construction of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	160,688	0	0	0	160,688	0	0	0	0	0	0
PR-3067B	6443	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Construction) (OAK)	2,700	2,700	0	0	0	0	0	0	0	0	0
PR-3303	6662	600mm WM on Wycroft Rd from Burloak Dr to the 900mm WM on the SE corner of Third Line and QEW. Phase 1 (OAK)	911	911	0	0	0	0	0	0	0	0	0
	6701	Kitchen Zone O3 Booster Pumping Station Expansion by 80 ML/d (OAK)	15,786	0	150	0	3,007	0	12,629	0	0	0	0
	6702	40 ML/d Expansion at the Neyagawa Booster Pumping Station (OAK)	8,859	0	1,772	0	7,087	0	0	0	0	0	0
	6728	300mm WM on Cowan Ave between Kerr St and Inglewood Drive (OAK)	375	0	0	75	0	300	0	0	0	0	0
	6729	300mm WM on Deane Ave between Kerr St and Felan Ave (OAK)	769	0	0	154	0	615	0	0	0	0	0

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CAPITAL BUDGET

2023

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2023-2032 WATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6731	300mm WM on Forsythe St between Rebecca St and Burnet St (OAK)	813	0	0	163	0	650	0	0	0	0	0
	7496	Modifications to the Burnhamthorpe Water Tower (OAK)	5,725	1,145	0	4,580	0	0	0	0	0	0	0
PR-3351	7503	300 mm WM on Sixth Line from Hays Blvd to River Glen Blvd. Project required to support Zone 3/4/5 Boundary Re-alignment (OAK)	15,996	15,996	0	0	0	0	0	0	0	0	0
	7505	1050mm WM on Burloak Dr from Burloak Booster Pumping Station to the QEW - Construction (OAK)	8,231	0	8,231	0	0	0	0	0	0	0	0
PR-3351	7514	8th Line Zone 4 Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (OAK)	5,490	5,490	0	0	0	0	0	0	0	0	0
	8134	600mm WM on Tremaine Rd from Dundas St to approximately 950 m north-Construction (North Oakville Lands) (Zone O3) (OAK)	2,540	0	2,540	0	0	0	0	0	0	0	0
	8139	400mm WM on new North Oakville Rd west of Neyagawa Blvd. -Construction (OAK)	3,993	3,993	0	0	0	0	0	0	0	0	0
	8153	600mm WM on Wyecroft Rd from Burloak Dr to the 900mm WM on the SE corner of Third Line and QEW. Phase 2 (OAK)	19,304	0	3,861	0	15,443	0	0	0	0	0	0
PR-3351	7515	System PRV implementation to support Zone 3/4/5 Boundary Re-alignment (REG)	3,501	3,501	0	0	0	0	0	0	0	0	0
	8150	Halton Water Master Plan (REG)	1,600	800	0	0	0	0	800	0	0	0	0
	8151	Water Distribution System Analysis (REG)	990	110	110	110	110	110	110	110	110	110	0
	8152	Water Supply Capacity Annual Monitoring Report (REG)	450	50	50	50	50	50	50	50	50	50	0
		Sub-total	619,678	52,311	128,835	77,424	275,518	38,351	14,793	18,895	3,387	10,164	0
		Total Required Financing	619,678	52,311	128,835	77,424	275,518	38,351	14,793	18,895	3,387	10,164	0

* The Water Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

WATER & WASTERWATER - CAPITAL

WASTEWATER NON-DEVELOPMENT

CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2023 WASTEWATER SYSTEM											
PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Efficiency and Optimization											
PR-3319	7897	Wastewater - Treatment Plant Optimization Studies (REG)	200	0	0	0	0	200	0	0	0
Sub-total			200	0	0	0	0	200	0	0	0
Enhanced Levels of Service											
PR-3400	7930	300mm WWM on Ninth Line from Upper Middle Road to 950m north of Upper Middle Road (south of Hydro Corridor) (OAK)	943	0	0	0	0	943	0	0	0
PR-3446	8065	WWM on Bridge Road from Third Line to Sherin Drive, WWM on Sherin Drive from Bridge Road to Rebecca Street (OAK) (RR)	1,010	0	0	0	0	1,010	0	0	0
PR-2838	8098	WWM Eighth Line from Falgarwood Dr to Iroquois Shore Road, WWM on Falgarwood Dr from Eight Line to 74m west of Gainsborough Drive, Abandoning WWM on Easement between Falgarwood Dr to Invicta Dr (OAK) (RR)	1,170	0	0	0	0	1,170	0	0	0
PR-3446	8241	WWM Saville Area - South of Bridge Road Corridor (OAK) (RR)	844	0	0	0	0	844	0	0	0
	7008	Vehicle - New - Wastewater (REG)	362	0	0	0	0	362	0	0	0
PR-3456	8249	Gauge Adjusted Rainfall Radar (GARR) Service (REG)	50	0	0	0	0	50	0	0	0
Sub-total			4,379	0	0	0	0	4,379	0	0	0
Maintain Current Levels of Service											
PR-3176	7439	Burlington Skyway WWTP - Dewatering System Upgrade (BUR)	11,050	0	0	0	0	11,050	0	0	0
PR-3245	7612	Bromley (No.6) Wastewater Pumping Station Renewal (BUR)	1,626	0	0	0	0	1,626	0	0	0
PR-3244	7613	Paletta Gardens (No. 10) Wastewater Pumping Station Renewal (BUR)	2,044	0	0	0	0	2,044	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WASTEWATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3377	7997	Burlington Skyway WWTP - Wet Well A & B Rehabilitation (BUR)	489	0	0	0	0	489	0	0	0
PR-3405	8094	Rehabilitation of Burlington East Sewer / Trunk	1,251	0	0	0	0	1,251	0	0	0
PR-3428	8110	Burlington Skyway WWTP - Grit Removal - Grit Classifier 1 (BUR)	460	0	0	0	0	460	0	0	0
PR-3404	8199	WWM on Park Ave W from Fairwood PL to LaSalle Park Road, WWM on Park Ave E from LaSalle Park Road to Townsend Ave, WWM on Aldershot PL from LaSalle Park Road to End (BUR) (RR)	756	0	0	0	0	756	0	0	0
PR-3346	7274	200mm WWM on Todd Road from south of Sinclair Avenue to Mountainview Road North (HHGEO) (RR)	4,809	0	0	0	0	4,809	0	0	0
PR-3346	7391	200mm WWM on McIntyre Crescent from Rexway Drive to Rexway Drive and abandon easement (HHGEO)	3,665	0	0	0	0	3,665	0	0	0
PR-3346	7473	250mm WWM on Temple Road from Ewing Street to Dayfoot & 200mm WWM on Dufferin St. from Temple to End (HHGEO)	3,541	0	0	0	0	3,541	0	0	0
PR-3346	7617	200mm WWM on Gower Road from Duncan Drive to Raylawn Crescent, 200mm WWM on Gower Court from Duncan Drive to End (HHGEO)	1,111	0	0	0	0	1,111	0	0	0
PR-3470	7618	150mm,250mm WWM on Marilyn Crescent (HHGEO) (WM)	669	0	0	0	0	669	0	0	0
PR-3346	7745	200mm WWM on Reid Court from Rexway Drive to End (HHGEO) (WM)	273	0	0	0	0	273	0	0	0
PR-3368	8011	Georgetown WWTP - Plant Updates (HHGEO)	3,400	0	0	0	0	3,400	0	0	0
PR-3470	8081	WWM on Irwin Crescent from Delrex Boulevard to Mountainview Road South., WWM on Delrex Blvd from Mountainview Rd S to Sargent Rd (HHGEO)	910	0	0	0	0	910	0	0	0
PR-3444	8101	Cindebarke Terr WWPS - Mechanical/Electrical Upgrades ()	545	0	0	0	0	545	0	0	0
PR-3470	8083	WWM on Faludon Dr from Delrex Blvd to Delrex Blvd., WWM on Torino Gate from Marilyn Cres to Faludon Dr. (HHS)	638	0	0	0	0	638	0	0	0
PR-3354	7975	Isolation Gates for Midblock Arterial Pump Station (MIL)	550	0	0	0	0	550	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WASTEWATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3130	8237	WWM on RR25 from James Snow Parkway North to 315m North of James Snow Parkway (MIL) (RR)	428	0	0	0	0	428	0	0	0
PR-3314	7401	250mm WWM on Secord Avenue from Sherin Drive to Thornhill Drive (OAK) (WM)	1,042	0	0	0	0	1,042	0	0	0
PR-3314B	7404	200mm WWM on Howard Avenue from Esplanade to Carson Lane (OAK) (WM)	1,528	0	0	0	0	1,528	0	0	0
PR-3314B	7419	200mm WWM on Park Avenue from Carson Lane to Lakeshore Road East (OAK)	1,533	0	0	0	0	1,533	0	0	0
PR-3314	7420	250mm WWM on Lees Lane from Pine Grove Road to Rebecca St (OAK) (WM)	5,207	0	0	0	0	5,207	0	0	0
PR-3423	7814	Oakville Southeast WWTP - Secondary Digester #4 Rehab/Upgrade (OAK)	3,000	0	0	0	0	3,000	0	0	0
PR-3450	7829	Boyne Trunk Decommissioning and Downsizing	800	0	0	0	0	800	0	0	0
PR-3367	8008	Oakville Southeast WWTP - RAS Discharge Piping Rehabilitation (OAK)	2,000	0	0	0	0	2,000	0	0	0
PR-3446	8063	WWM Saville Area - North of Bridge Road Corridor (OAK) (RR)	1,156	0	0	0	0	1,156	0	0	0
PR-3442	8067	First PS Upgrade (OAK)	543	0	0	0	0	543	0	0	0
PR-3447	8086	WWM Trafalgar/Cornwall Intersection (OAK)	424	0	0	0	0	424	0	0	0
PR-3447	8087	WWM on St. Augustine Drive from Speers Road to Prince Charles Drive (OAK)	534	0	0	0	0	534	0	0	0
PR-3443	8100	Ennisclare PS Upgrade (OAK)	514	0	0	0	0	514	0	0	0
PR-3418	8115	Mid-Halton WWTP - Primary Digester (No. 2) Rehab/Upgrades (OAK)	4,355	0	0	0	0	4,355	0	0	0
PR-2838	8193	WWM on NSR E from 8th Line to Ironoak Way (OAK)	1,169	0	0	0	0	1,169	0	0	0
PR-3445	8196	Twinning of the forcemain @ Belvedere PS and relocating existing overflow pipe (Belvedere Dr) (OAK)	1,400	0	0	0	0	1,400	0	0	0
PR-2838	8220	WWM on NSR E from Iroquois Shore Road to 8th Line (OAK)	1,169	0	0	0	0	1,169	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2023 WASTEWATER SYSTEM											
PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
PR-3314	8223	WWM on West Street from Riverview Street to Victoria Street, and WWM on Victoria Street from West Street to Mississauga Street (under Basement Flooding, S3042AA) (OAK)	1,353	0	0	0	0	1,353	0	0	0
PR-3446	8242	WWM Belyea St from East River St to East St, Oakville (OAK)	677	0	0	0	0	677	0	0	0
	6886	Vehicle Replacements - (Existing) Wastewater (REG)	2,326	0	0	0	0	2,326	0	0	0
PR-3250	7665	Wastewater Maintenance Capital (REG)	1,100	0	0	0	0	1,100	0	0	0
	7734	Capital upgrades to address basement flooding (REG)	6,001	0	0	0	0	6,001	0	0	0
PR-3079B	7790	Asset Management Roadmap Implementation - SP4 (REG)	455	0	0	0	0	455	0	0	0
PR-3331	7876	Condition Assessments of WWM (REG)	400	0	0	0	0	400	0	0	0
PR-3320	7892	Wastewater - New Maintenance Facility (REG)	5,000	0	0	0	0	5,000	0	0	0
PR-3349	7912	Regional Lab Equipment - Wastewater (REG)	79	0	0	0	0	79	0	0	0
PR-3234G	8118	Wastewater Treatment Maintenance Capital - 2022 (REG)	1,500	0	0	0	0	1,500	0	0	0
PR-3431	8133	Construction Survey Equipment - Wastewater (REG)	16	0	0	0	0	16	0	0	0
PR-3457	8203	Lateral Replacement Program (REG)	200	0	0	0	0	200	0	0	0
PR-3459	8210	Wastewater Forcemain Condition Assessment (REG)	200	0	0	0	0	200	0	0	0
PR-3455	8239	Wastewater Manhole Inspection Program (REG)	400	0	0	0	0	400	0	0	0
Sub-total			84,296	0	0	0	0	84,296	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2023 WASTEWATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)									
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Total			88,875	0	0	0	0	88,875	0	0	0
Summary											
		Efficiency and Optimization	200	0	0	0	0	200	0	0	0
		Enhanced Levels of Service	4,379	0	0	0	0	4,379	0	0	0
		Maintain Current Levels of Service	84,296	0	0	0	0	84,296	0	0	0
Grand Total			88,875	0	0	0	0	88,875	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2023

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Efficiency and Optimization													
	8206	Mid-Halton WWTP - Aeration Upgrades (OAK)	7,940	0	0	1,378	0	6,562	0	0	0	0	0
PR-3284	7890	Public Works Green Energy Program (REG)	5,129	0	188	188	1,089	3,470	0	194	0	0	0
PR-3319	7897	Wastewater - Treatment Plant Optimization Studies (REG)	2,000	200	200	200	200	200	200	200	200	200	200
PR-3370	8009	SCADA install at WWPS (REG)	1,065	0	1,065	0	0	0	0	0	0	0	0
		Sub-total	16,134	200	1,453	1,766	1,289	10,232	200	394	200	200	200
Enhanced Levels of Service													
	8097	Maple Ave Trunk (BUR)	12,000	0	0	2,000	0	10,000	0	0	0	0	0
PR-3417	8126	Acton WWTP - Filter Building Retrofit (HHACTION)	3,150	0	3,150	0	0	0	0	0	0	0	0
PR-3400	7930	300mm WWM on Ninth Line from Upper Middle Road to 950m north of Upper Middle Road (south of Hydro Corridor) (OAK)	943	943	0	0	0	0	0	0	0	0	0
PR-3446	8065	WWM on Bridge Road from Third Line to Sherin Drive, WWM on Sherin Drive from Bridge Road to Rebecca Street (OAK) (RR)	5,387	1,010	0	4,377	0	0	0	0	0	0	0
PR-2838	8098	WWM Eighth Line from Falgarwood Dr to Iroquois Shore Road, WWM on Falgarwood Dr from Eight Line to 74m west of Gainsborough Drive, Abandoning WWM on Easement between Falgarwood Dr to Invicta Dr (OAK) (RR)	9,603	1,170	0	8,433	0	0	0	0	0	0	0
PR-3446	8241	WWM Saville Area - South of Bridge Road Corridor (OAK) (RR)	10,844	844	0	0	10,000	0	0	0	0	0	0
	7008	Vehicle - New - Wastewater (REG)	724	362	0	0	0	0	0	0	362	0	0
	8214	Wastewater Treatment - Capital Needs Assessment Update (REG)	205	0	205	0	0	0	0	0	0	0	0
PR-3456	8249	Gauge Adjusted Rainfall Radar (GARR) Service (REG)	550	50	50	50	50	50	60	60	60	60	60
		Sub-total	43,406	4,379	3,405	14,860	10,050	10,050	60	60	422	60	60

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Maintain Current Levels of Service													
PR-3176	7439	Burlington Skyway WWTP - Dewatering System Upgrade (BUR)	11,050	11,050	0	0	0	0	0	0	0	0	0
	7455	Burlington Skyway WWTP - RAS & Secondary Clarifiers #9 - 12 Upgrades (Phase 3) (BUR)	5,450	0	0	450	0	5,000	0	0	0	0	0
PR-3245	7612	Bromley (No.6) Wastewater Pumping Station Renewal (BUR)	1,626	1,626	0	0	0	0	0	0	0	0	0
PR-3244	7613	Paletta Gardens (No. 10) Wastewater Pumping Station Renewal (BUR)	2,044	2,044	0	0	0	0	0	0	0	0	0
PR-3219	7971	Replacement of WWM on Prospect St from Brant St to Guelph Line and WWM on Grahams Lane from Brant St to Easement (BUR)	6,225	0	6,225	0	0	0	0	0	0	0	0
PR-3404	7972	WWM at Aldershot Creek between Fairwood Place West and North Shore Blvd West (BUR) (RR)	3,756	0	0	3,756	0	0	0	0	0	0	0
PR-3377	7990	Burlington Skyway WWTP - Roof Rehabilitation (BUR)	510	0	510	0	0	0	0	0	0	0	0
PR-3377	7997	Burlington Skyway WWTP - Wet Well A & B Rehabilitation (BUR)	489	489	0	0	0	0	0	0	0	0	0
PR-3377	7999	Burlington Skyway WWTP - Administration Building Curtain wall Renewal (BUR)	645	0	645	0	0	0	0	0	0	0	0
	8001	Replacement of WWM on Drury Lane from Fassel Ave. to S. of CN Rail (BUR)	2,073	0	405	0	1,668	0	0	0	0	0	0
PR-3146	8014	WWM Linwood, Bromley, Broughton, Verheovan, Brewer, Maureen, Whitepines, Kenwood (BUR)	8,715	0	8,715	0	0	0	0	0	0	0	0
	8015	WWM on Mainway from Guelph Line to Northside Rd (RR)	9,463	0	1,071	0	8,392	0	0	0	0	0	0
PR-3409	8072	Grandview Ave WWPS - Mechanical/Electrical Upgrades ()	759	0	759	0	0	0	0	0	0	0	0
PR-3403	8078	WWM on Hertel Cres from Dequincy Cres to Royal Dr (BUR)	1,314	0	1,314	0	0	0	0	0	0	0	0
	8085	WWM on Innswood Dr from Moss Glen Road to Parkway Dr (BUR)	1,565	0	0	0	0	431	0	1,134	0	0	0
	8089	Indian Creek Trunk (BUR)	3,072	0	894	0	2,178	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3405	8094	Rehabilitation of Burlington East Sewer / Trunk	10,750	1,251	9,499	0	0	0	0	0	0	0	0
PR-3428	8110	Burlington Skyway WWTP - Grit Removal - Grit Classifier 1 (BUR)	460	460	0	0	0	0	0	0	0	0	0
	8114	Burlington Skyway WWTP - Chemical Systems (Ferric & Sodium Hypochlorite) (BUR)	1,547	0	639	908	0	0	0	0	0	0	0
	8197	WWM on Brant St from Upper Middle Road to Brant St BPS (Ester Dr) (BUR)	3,570	0	0	716	0	2,854	0	0	0	0	0
	8198	WWM on Plains Road E from Brant Street to 375m West of Brant Street (BUR)	2,039	0	0	492	0	1,547	0	0	0	0	0
PR-3404	8199	WWM on Park Ave W from Fairwood PL to LaSalle Park Road, WWM on Park Ave E from LaSalle Park Road to Townsend Ave, WWM on Aldershot PL from LaSalle Park Road to End (BUR) (RR)	3,585	756	0	2,829	0	0	0	0	0	0	0
	8209	Burlington Skyway WWTP - Digester Rehab - Secondary #3 (BUR)	6,706	0	2,251	4,455	0	0	0	0	0	0	0
	8227	Inspection and cleaning of the Maple Ave Trunk Sewer (BUR)	1,500	0	1,500	0	0	0	0	0	0	0	0
	8229	WWM on Hampton Heath Rd from New St. to Windermere Dr (BUR) (RR)	2,107	0	0	507	0	1,600	0	0	0	0	0
	8230	WWM Newbold Dr from Bruce St to Stratheden Dr WWM Newbold Crt from Bruce St to End WWM Easement from Newbold Crt to Lakeshore Road WWM Stratheden Dr from Lakeshore Road to Newbold Dr WWM Strathallen Ave from Stratheden Dr to Stratheden Dr	4,452	0	849	0	3,603	0	0	0	0	0	0
	8238	WWM Thomas Crt (BUR)	1,234	0	0	0	0	0	374	0	860	0	0
	8240	WWM Harvester Road/Queensway Drive Corridor (BUR) (RR)	10,005	0	1,841	0	0	8,164	0	0	0	0	0
	8263	Burlington Skyway WWTP - Digester Rehab - Primary #1 Upgrades (BUR)	2,626	0	0	0	0	0	0	2,626	0	0	0
	6073	Acton WWTP Replacement & Improvements (HHACT)	2,995	0	715	0	2,280	0	0	0	0	0	0
	7992	Acton WWTP - Roof Rehabilitation (HHACT)	498	0	498	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3410	8073	Kingham WWPS - Mechanical Upgrades (HHA CT)	674	0	674	0	0	0	0	0	0	0	0
	8231	WWM on Commerce Cr. from Wallace St. to End (HHA CT)	4,685	0	883	0	3,802	0	0	0	0	0	0
PR-3346	7274	200mm WWM on Todd Road from south of Sinclair Avenue to Mountainview Road North (HHGEO) (RR)	4,809	4,809	0	0	0	0	0	0	0	0	0
PR-3346	7391	200mm WWM on McIntyre Crescent from Rexway Drive to Rexway Drive and abandon easement (HHGEO)	3,665	3,665	0	0	0	0	0	0	0	0	0
PR-3346	7473	250mm WWM on Temple Road from Ewing Street to Dayfoot & 200mm WWM on Dufferin St. from Temple to End (HHGEO)	3,541	3,541	0	0	0	0	0	0	0	0	0
PR-3346	7617	200mm WWM on Gower Road from Duncan Drive to Raylawn Crescent, 200mm WWM on Gower Court from Duncan Drive to End (HHGEO)	1,111	1,111	0	0	0	0	0	0	0	0	0
PR-3470	7618	150mm,250mm WWM on Marilyn Crescent (HHGEO) (WM)	3,324	669	0	2,655	0	0	0	0	0	0	0
PR-3337	7696	200mm WWM on Ontario Street from west of Riverview Crescent to south of Ewing Street and lateral transfer from easement (HHGEO)	792	0	792	0	0	0	0	0	0	0	0
PR-3346	7745	200mm WWM on Reid Court from Rexway Drive to End (HHGEO) (WM)	273	273	0	0	0	0	0	0	0	0	0
	8010	Georgetown WWTP - Plant Decommissioning (HHGEO)	5,570	0	0	1,120	0	4,450	0	0	0	0	0
PR-3368	8011	Georgetown WWTP - Plant Updates (HHGEO)	3,400	3,400	0	0	0	0	0	0	0	0	0
PR-3470	8081	WWM on Irwin Crescent from Delrex Boulevard to Mountainview Road South., WWM on Delrex Blvd from Mountainview Rd S to Sargent Rd (HHGEO)	4,832	910	0	3,922	0	0	0	0	0	0	0
PR-3444	8101	Cindebarke Terr WWPS - Mechanical/Electrical Upgrades ()	2,264	545	0	1,719	0	0	0	0	0	0	0
PR-3401	8075	Replacement of Forcemain at Armstrong WWPS (HHS)	1,864	0	1,864	0	0	0	0	0	0	0	0
PR-3470	8083	WWM on Faludon Dr from Delrex Blvd to Delrex Blvd., WWM on Torino Gate from Marilyn Cres to Faludon Dr. (HHS)	3,080	638	0	2,442	0	0	0	0	0	0	0
PR-3329	7560	Milton WWTP Plant Decommissioning (MIL)	4,000	0	4,000	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	7561	New Diversion Forcemain (MIL)	6,000	0	0	514	0	5,486	0	0	0	0	0
PR-3354	7975	Isolation Gates for Midblock Arterial Pump Station (MIL)	550	550	0	0	0	0	0	0	0	0	0
PR-3130	8237	WWM on RR25 from James Snow Parkway North to 315m North of James Snow Parkway (MIL) (RR)	1,460	428	0	0	1,032	0	0	0	0	0	0
PR-3314	7401	250mm WWM on Secord Avenue from Sherin Drive to Thornhill Drive (OAK) (WM)	1,042	1,042	0	0	0	0	0	0	0	0	0
PR-3314B	7404	200mm WWM on Howard Avenue from Esplanade to Carson Lane (OAK) (WM)	1,528	1,528	0	0	0	0	0	0	0	0	0
PR-3314B	7419	200mm WWM on Park Avenue from Carson Lane to Lakeshore Road East (OAK)	1,533	1,533	0	0	0	0	0	0	0	0	0
PR-3314	7420	250mm WWM on Lees Lane from Pine Grove Road to Rebecca St (OAK) (WM)	5,207	5,207	0	0	0	0	0	0	0	0	0
PR-3369	7631	Mid-Halton WWTP (Third Line PS) - Replacement of Sewage Lowlift (OAK)	2,508	0	2,508	0	0	0	0	0	0	0	0
PR-3423	7814	Oakville Southeast WWTP - Secondary Digester #4 Rehab/Upgrade (OAK)	3,000	3,000	0	0	0	0	0	0	0	0	0
PR-3423B	7815	Oakville Southwest WWTP - Primary Digester #2 Rehab/Upgrade (OAK)	2,190	0	2,190	0	0	0	0	0	0	0	0
PR-3450	7829	Boyne Trunk Decommissioning and Downsizing	9,871	800	0	2,000	825	0	6,246	0	0	0	0
	7880	Oakville Southeast WWTP - Secondary Digester #3 Rehab/Upgrade (OAK)	5,064	0	634	4,430	0	0	0	0	0	0	0
PR-3369	7998	Mid-Halton WWTP - Roof Rehabilitation (OAK)	1,090	0	1,090	0	0	0	0	0	0	0	0
PR-3367	8008	Oakville Southeast WWTP - RAS Discharge Piping Rehabilitation (OAK)	2,000	2,000	0	0	0	0	0	0	0	0	0
PR-3446	8063	WWM Saville Area - North of Bridge Road Corridor (OAK) (RR)	6,983	1,156	0	5,827	0	0	0	0	0	0	0
PR-3442	8067	First PS Upgrade (OAK)	2,278	543	0	1,735	0	0	0	0	0	0	0
PR-3447	8086	WWM Trafalgar/Cornwall Intersection (OAK)	1,570	424	0	1,146	0	0	0	0	0	0	0
PR-3447	8087	WWM on St. Augustine Drive from Speers Road to Prince Charles Drive (OAK)	2,304	534	0	1,770	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-2838	8093	WWM on Invicta Dr from NSR to End (OAK)	1,929	0	0	1,929	0	0	0	0	0	0	0
PR-3443	8100	Ennisclare PS Upgrade (OAK)	2,063	514	0	1,549	0	0	0	0	0	0	0
	8105	Biosolids Management Centre - Control Panels and Structured Cabling Upgrade (OAK)	1,464	0	300	1,164	0	0	0	0	0	0	0
PR-3369	8108	Mid-Halton WWTP - Inlet Building Rehabilitation (OAK)	2,750	0	2,750	0	0	0	0	0	0	0	0
PR-3424	8111	Oakville Southwest WWTP - Plant 3/4 Tunnel Waterproofing and Expansion Joint Repair (OAK)	866	0	866	0	0	0	0	0	0	0	0
PR-3426	8112	Biosolids Management Centre - Tank Transfer Piping and Internal Roads Rehabilitation (OAK)	1,300	0	1,300	0	0	0	0	0	0	0	0
PR-3418	8115	Mid-Halton WWTP - Primary Digester (No. 2) Rehab/Upgrades (OAK)	4,355	4,355	0	0	0	0	0	0	0	0	0
PR-3429	8164	WWM on McCraney St W and side streets (OAK)	19,446	0	19,446	0	0	0	0	0	0	0	0
	8182	Mechanical/Electrical Upgrades (Bel Air Estate PS) (OAK)	2,280	0	0	543	0	1,737	0	0	0	0	0
	8183	Mechanical/Electrical Upgrades (Chancery PS) (OAK)	2,282	0	0	543	0	1,739	0	0	0	0	0
PR-2838	8193	WWM on NSR E from 8th Line to Ironoak Way (OAK)	9,602	1,169	0	8,433	0	0	0	0	0	0	0
PR-3445	8196	Twinning of the forcemain @ Belvedere PS and relocating existing overflow pipe (Belvedere Dr) (OAK)	1,955	1,400	0	555	0	0	0	0	0	0	0
	8204	Mid-Halton WWTP - Digester (No. 3) Rehabilitation (OAK)	5,697	0	0	0	1,493	4,204	0	0	0	0	0
	8205	Mid-Halton WWTP - Primary Digester (No. 1) Rehabilitation and Mixing Upgrades (OAK)	5,291	0	1,651	3,640	0	0	0	0	0	0	0
	8207	Oakville Southeast WWTP - Primary Digester #2 Rehab/Upgrade (OAK)	4,131	0	0	0	507	3,624	0	0	0	0	0
	8208	Oakville Southwest WWTP - Grit Pumps (1-2) (OAK)	928	0	290	0	638	0	0	0	0	0	0
PR-2838	8220	WWM on NSR E from Iroquois Shore Road to 8th Line (OAK)	9,601	1,169	0	8,432	0	0	0	0	0	0	0
PR-3314	8223	WWM on West Street from Riverview Street to Victoria Street, and WWM on Victoria Street from West Street to Mississaga Street (under Basement Flooding, S3042AA) (OAK)	1,353	1,353	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PR-3446	8242	WWM Belyea St from East River St to East St, Oakville (OAK)	3,423	677	0	2,746	0	0	0	0	0	0	0
	8247	Condition Assessment of Oakville Southwest Pumping Stations Drainage area (OAK) (OAK)	800	0	400	0	0	0	0	400	0	0	0
	6886	Vehicle Replacements - (Existing) Wastewater (REG)	13,604	2,326	1,221	481	1,062	1,167	1,506	1,417	1,482	2,506	436
PR-3250	7665	Wastewater Maintenance Capital (REG)	4,600	1,100	1,500	500	500	500	500	0	0	0	0
	7725	Wastewater Equipment - Lifecycle Model (REG)	2,163	0	0	0	297	392	297	297	342	306	232
	7734	Capital upgrades to address basement flooding (REG)	17,778	6,001	6,033	5,744	0	0	0	0	0	0	0
PR-3079B	7790	Asset Management Roadmap Implementation - SP4 (REG)	5,114	455	1,965	596	605	493	200	200	200	200	200
PR-3277	7798	SCADA Master Plan Implementation - Wastewater (REG)	13,340	0	7,700	230	4,310	230	230	410	230	0	0
PR-3331	7876	Condition Assessments of WWM (REG)	600	400	200	0	0	0	0	0	0	0	0
PR-3320	7892	Wastewater - New Maintenance Facility (REG)	5,000	5,000	0	0	0	0	0	0	0	0	0
PR-3349	7912	Regional Lab Equipment - Wastewater (REG)	576	79	31	466	0	0	0	0	0	0	0
PR-3359	7979	Public Works - Supply and Service Portable Gas Monitor Equipment (REG)	846	0	0	0	846	0	0	0	0	0	0
	8007	Treatment Facility Building Automation System Standards - Wastewater (REG)	150	0	0	150	0	0	0	0	0	0	0
PR-3408	8071	Communication Plan - Replacement of the old Bell lines (REG)	1,673	0	1,673	0	0	0	0	0	0	0	0
PR-3234G	8118	Wastewater Treatment Maintenance Capital - 2022 (REG)	15,000	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
PR-3431	8133	Construction Survey Equipment - Wastewater (REG)	16	16	0	0	0	0	0	0	0	0	0
PR-3457	8203	Lateral Replacement Program (REG)	1,000	200	200	200	200	200	0	0	0	0	0
PR-3459	8210	Wastewater Forcemain Condition Assessment (REG)	400	200	200	0	0	0	0	0	0	0	0
PR-3455	8239	Wastewater Manhole Inspection Program (REG)	4,700	400	400	400	500	500	500	500	500	500	500
	8253	Wastewater Treatment - Lifecycle Model (REG)	179,631	0	0	0	2,933	16,196	20,269	30,813	67,195	24,291	17,934
	8256	Wastewater Treatment Mid-Long Term Roof Rehab (5-10 Years) (REG)	919	0	0	919	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2023

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	8267	Wastewater Collection - Lifecycle Model (REG)	86,119	0	0	0	8,912	10,580	11,108	11,752	23,209	8,664	11,894
		Sub-total	651,637	84,296	102,591	84,113	48,083	72,594	42,730	51,049	95,518	37,967	32,696
Regulation and Environmental Protection													
PR-3288	7823	Locate and Condition Assessment of WWPS Overflow pipes (REG)	1,363	0	505	0	858	0	0	0	0	0	0
		Sub-total	1,363	0	505	0	858	0	0	0	0	0	0
Total Required Financing			712,540	88,875	107,954	100,739	60,280	92,876	42,990	51,503	96,140	38,227	32,956

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

WATER & WASTERWATER - CAPITAL WASTEWATER DEVELOPMENT

CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

2023 WASTEWATER SYSTEM PROJECT LISTING 2023 (000 DOLLARS)												
DEVELOPMENT	PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
						DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
						NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Growth												
		7946	New 2400mm WWM inlet to Skyway WWTP parallel to QEW. Design and Construction (BUR)	6,427	0	0	342	0	5,977	108	0	0
		8157	Black Creek Monitoring Program (HHACTION)	50	0	0	38	0	0	12	0	0
PR-3009		5906	750 mm WWM on new road alignment from Louis St. Laurent to Britannia Rd (MIL)	6,822	0	0	5,048	0	0	1,774	0	0
		6555	New 225 L/s WWPS on Tremaine Rd at Lower Base Line (MIL)	2,172	0	0	1,564	0	0	608	0	0
		6556	Twin 400 mm WWFM from Tremaine WWPS to Lower Base Line, approx. 650 m west of 1st Line (MIL)	1,039	0	0	748	0	0	291	0	0
PR-3024		6562	450 mm WWM on new road from 440 m north of Derry Rd to Derry Rd and 525 mm WWM on Derry Rd from 725 m east of 5th Line to 5th Line (MIL)	11,300	0	0	8,362	0	0	2,938	0	0
		6583	525 mm WWM on new road from 1400 m north of Britannia Rd to Britannia Rd (MIL)	1,886	0	0	1,358	0	0	528	0	0
		6535	450 mm WWM on Trafalgar Rd from 10 m north of Inglehart Street North to Cross Ave (OAK)	259	0	0	215	0	0	44	0	0
		6537	675 mm WWM on Trafalgar Rd, through GO lot and on Argus St from Spruce St to 60 m north of Cross Ave (OAK)	1,265	0	0	1,050	0	0	215	0	0
PR-2671		7520	600 mm WWM crossing Dundas St and 600 mm WWM on Dundas St from 900m west of Colonel Williams Parkway to Colonel Williams Parkway (OAK)	14,152	0	0	10,472	0	0	3,680	0	0
PR-3261		7543	Gravity Sewers from Decommissioned Riverside WWPS and Shorewood Place SPS to New Rebecca Trunk (OAK)	16,906	0	0	12,849	0	0	4,057	0	0
		8158	Walker St WWPS - I/I reduction Program to gain capacity at the station. Design and Construction (OAK)	520	0	0	432	0	0	88	0	0
		8154	Halton Wastewater Master Plan (REG)	800	0	0	608	0	0	192	0	0
		8155	Wastewater Collection System Analysis (REG)	110	0	0	84	0	0	26	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT											
2023 WASTEWATER SYSTEM											
PROJECT LISTING 2023 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
	8156	Wastewater Treatment Capacity Annual Monitoring Report (REG)	50	0	0	38	0	0	12	0	0
Sub-total			63,758	0	0	43,208	0	5,977	14,573	0	0
Total			63,758	0	0	43,208	0	5,977	14,573	0	0
Summary											
Growth			63,758	0	0	43,208	0	5,977	14,573	0	0
Grand Total			63,758	0	0	43,208	0	5,977	14,573	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2023

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2023-2032 WASTEWATER FORECAST PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQU ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
<u>Growth</u>													
	5907	300 mm WWM North Aldershot Servicing (BUR)	11,800	0	2,360	0	9,440	0	0	0	0	0	0
	7537	Junction St WWPS Capacity Upgrade to 150 L/s WWPS - Design and Construction (BUR)	11,258	0	0	0	2,252	0	9,006	0	0	0	0
	7946	New 2400mm WWM inlet to Skyway WWTP parallel to QEW. Design and Construction (BUR)	32,137	6,427	0	25,710	0	0	0	0	0	0	0
	8140	Twining of 525 - 600 mm WWM from Elgin St South along Black Creek alignment to Acton WWTP -Construction (HHACT)	3,503	0	3,503	0	0	0	0	0	0	0	0
	8141	Agnes St. WWPS Strategy - Construction (HHACT)	8,577	0	8,577	0	0	0	0	0	0	0	0
	8157	Black Creek Monitoring Program (HHACT)	200	50	50	50	50	0	0	0	0	0	0
	6496	Twinned 250mm WWFM from Norval WWPS to new WWM at Mountainview Rd (HHGEO)	2,503	0	0	0	0	0	0	501	0	2,002	0
	6589	35 L/s WWPS on 10th Side Rd in Norval (HHGEO)	4,550	0	0	0	0	0	0	910	0	3,640	0
PR-3009	5906	750 mm WWM on new road alignment from Louis St. Laurent to Britannia Rd (MIL)	6,822	6,822	0	0	0	0	0	0	0	0	0
	6497	300 mm WWM on Derry Rd from 8th Line to Trafalgar Rd (MIL)	1,747	0	349	0	1,398	0	0	0	0	0	0
	6498	450 mm WWM on new road from 8th Line to Trafalgar Rd (MIL)	2,854	0	571	0	2,283	0	0	0	0	0	0
	6500	600 mm WWM on 4th Line from new road to Lower Base Line WWPS (MIL)	8,253	0	1,651	0	6,602	0	0	0	0	0	0
	6501	450 mm WWM on 4th Line from south of Britannia Rd to new road (MIL)	6,273	0	1,255	0	5,018	0	0	0	0	0	0
	6502	525 mm WWM on Thompson Rd and new internal road from south of Britannia to 4th Line (MIL)	4,374	0	875	0	3,499	0	0	0	0	0	0
	6503	300 mm WWM on 8th Line from north of Derry Rd to Derry Rd (MIL)	1,046	0	209	0	837	0	0	0	0	0	0
	6504	450 mm WWM on 8th Line from north of new road to new road (MIL)	1,498	0	300	0	1,198	0	0	0	0	0	0

* The Wastewater Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

DEVELOPMENT													
2023-2032 WASTEWATER FORECAST PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6505	300 mm WWM on 8th Line from north of Britannia Rd to Britannia Rd (MIL)	16,400	0	3,280	0	13,120	0	0	0	0	0	0
	6515	300 mm WWM on Childs Drive between the south entrance of Satok Crescent and Nipissing Road (MIL)	645	0	0	0	129	0	516	0	0	0	0
	6517	450 mm WWM on Oak St between Ontario St South and Fulton St (MIL)	1,357	0	0	0	271	0	1,086	0	0	0	0
	6552	450mm WWM on new road alignment in Milton Education Village from Louis St Laurent extension to 1115 m south (MIL)	1,652	0	330	0	1,322	0	0	0	0	0	0
	6554	600 mm WWM on Lower Base Line from WWFM discharge approx 650 m west of 1st Line to Regional Rd 25 (MIL)	15,306	0	3,061	0	12,245	0	0	0	0	0	0
	6555	New 225 L/s WWPS on Tremaine Rd at Lower Base Line (MIL)	10,858	2,172	0	8,686	0	0	0	0	0	0	0
	6556	Twin 400 mm WWFM from Tremaine WWPS to Lower Base Line, approx. 650 m west of 1st Line (MIL)	5,197	1,039	0	4,158	0	0	0	0	0	0	0
	6557	600 mm WWM on Tremaine Rd from approximately 1500 m north of South Tremaine Rd WWPS to South Tremaine Rd WWPS (MIL)	12,487	0	2,497	0	9,990	0	0	0	0	0	0
	6559	525 mm WWM on Tremaine Rd from Britannia Rd to 1050 m south of Britannia Rd (MIL)	7,554	0	1,511	0	6,043	0	0	0	0	0	0
	6560	525 mm WWM on James Snow Pkwy and new road alignment from Steeles Ave to Esquesing Line (MIL)	3,525	0	705	0	2,820	0	0	0	0	0	0
	6561	450 mm WWM on new road and Britannia Rd from Milton Education Village to Tremaine Rd (MIL)	1,053	0	211	0	842	0	0	0	0	0	0
PR-3024	6562	450 mm WWM on new road from 440 m north of Derry Rd to Derry Rd and 525 mm WWM on Derry Rd from 725 m east of 5th Line to 5th Line (MIL)	11,300	11,300	0	0	0	0	0	0	0	0	0
	6564	525 mm WWM on new alignment from Esquesing Line to 3rd Line (MIL)	5,197	0	1,039	0	4,158	0	0	0	0	0	0
	6578	525 WWM on Trafalgar Rd from south of Britannia Rd to Britannia Rd/ Trafalgar Rd WWPS (MIL)	7,376	0	0	1,475	0	5,901	0	0	0	0	0

* The Wastewater Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

DEVELOPMENT													
2023-2032 WASTEWATER FORECAST PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	6581	1500 mm WWM on 5th Line from Britannia Rd to Lower Base Line (MIL)	29,962	0	5,992	0	23,970	0	0	0	0	0	0
	6582	1500 mm WWM on Lower Base Line from 5th Line to 4th Line (MIL)	17,650	0	3,530	0	14,120	0	0	0	0	0	0
	6583	525 mm WWM on new road from 1400 m north of Britannia Rd to Britannia Rd (MIL)	9,428	1,886	0	7,542	0	0	0	0	0	0	0
	7534	450 mm WWM on new road in Milton Education Village from 800m north of Louis St Laurent extension to Louis St Laurent extension (MIL)	1,186	0	237	0	949	0	0	0	0	0	0
	8034	2350 L/s WWPS at Lower Base Line and 4th Line (MIL)	81,402	0	16,280	65,122	0	0	0	0	0	0	0
	8035	Twinned 900 mm WWFM from WWPS at Lower Base Line to Regional Rd 25 (MIL)	64,723	0	12,945	51,778	0	0	0	0	0	0	0
	8270	450 mm WWM on Britannia Road from 570 m East of Trafalgar Road to Eighth Line (MIL)	26,100	0	5,220	0	20,880	0	0	0	0	0	0
	6531	250 mm WWM on Chisholm/Rebecca St between Forsyth St and Chisholm St on Rebecca St and on Chisholm St between Rebecca St and 45 m north of Lakeshore Rd West (OAK)	282	0	0	0	56	0	226	0	0	0	0
	6535	450 mm WWM on Trafalgar Rd from 10 m north of Inglehart Street North to Cross Ave (OAK)	1,297	259	0	1,038	0	0	0	0	0	0	0
	6537	675 mm WWM on Trafalgar Rd, through GO lot and on Argus St from Spruce St to 60 m north of Cross Ave (OAK)	6,327	1,265	0	5,062	0	0	0	0	0	0	0
PR-2671	7520	600 mm WWM crossing Dundas St and 600 mm WWM on Dundas St from 900m west of Colonel Williams Parkway to Colonel Williams Parkway (OAK)	14,152	14,152	0	0	0	0	0	0	0	0	0
	7528	North WWPS expansion of 2,000 L/s at Mid-Halton WWTP (OAK)	69,782	0	0	0	0	0	0	13,956	0	55,826	0
PR-3261	7543	Gravity Sewers from Decommissioned Riverside WWPS and Shorewood Place SPS to New Rebecca Trunk (OAK)	16,906	16,906	0	0	0	0	0	0	0	0	0
	7548	Mid-Halton WWTP Expansion from 175 ML/d to 225 ML/d (Design) (OAK)	24,549	0	0	0	0	0	0	0	0	24,549	0

* The Wastewater Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

CAPITAL BUDGET

WASTEWATER-CAPITAL

2023

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2023-2032 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2023 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2023	2024	2025	2026	2027	2028	2029	2030	2031	2032*
	8158	Walker St WWPS - I/I reduction Program to gain capacity at the station. Design and Construction (OAK)	2,602	520	0	2,082	0	0	0	0	0	0	0
	8159	Mid-Halton WWTP expansion from 125 ML/d to 175 ML/d. Design and Construction (OAK)	122,744	0	24,549	0	98,195	0	0	0	0	0	0
	8154	Halton Wastewater Master Plan (REG)	1,600	800	0	0	0	0	800	0	0	0	0
	8155	Wastewater Collection System Analysis (REG)	990	110	110	110	110	110	110	110	110	110	0
	8156	Wastewater Treatment Capacity Annual Monitoring Report (REG)	450	50	50	50	50	50	50	50	50	50	0
		Sub-total	699,434	63,758	101,247	172,863	241,847	6,061	11,794	15,527	160	86,177	0
		Total Required Financing	699,434	63,758	101,247	172,863	241,847	6,061	11,794	15,527	160	86,177	0

* The Wastewater Capital report identifies Development-related infrastructure requirements up to 2031. An updated Council approved master plan is required to support the growth planning period post 2031.



Note: Schedule may not add due to rounding.

Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

APPENDIX A: BASEMENT FLOODING

BASEMENT FLOODING MITIGATION DETAILS				
ID 7734 - CAPITAL UPGRADES TO ADDRESS BASEMENT FLOODING				
SEWER CATCHMENT ID NUMBER	NAME OF CATCHMENT	NUMBER OF PROJECTS	MUNICIPALITY	TYPE OF WORK
2023 Projects				
WWTP	Mid Halton Wastewater Treatment Plant	23	Oakville	Opencut
55	Third Line	54	Oakville	Opencut
43	Morrison Heights	2	Oakville	Opencut
50	Sheldon Creek	3	Oakville	Opencut
21	Walker Street	10	Oakville	Opencut
18	Navy Street	7	Oakville	Opencut
40	Oakland Park	9	Burlington	Opencut
WWTP	Georgetown Wastewater Treatment Plant	3	Georgetown	Full Length Liner
2	Gollop Crescent	1	Georgetown	Full Length Liner
83	Main Street	1	Georgetown	Full Length Liner
100	10 Side Road	1	Georgetown	Full Length Liner
33	Junction	3	Burlington	Full Length Liner
34	Roseland	3	Burlington	Full Length Liner
2023 Sub-Total		120		6,001
2024 Projects				
WWTP	Skyway Wastewater Treatment Plant	41	Burlington	Full Length Liner
WWTP	Milton Wastewater Treatment Plant	5	Milton	Full Length Liner
86	MidBlock Arterial	3	Milton	Full Length Liner
88	Laurier Avenue	1	Milton	Full Length Liner
WWTP	Acton Wastewater Treatment Plant	1	Acton	Full Length Liner
83	Lakeview	1	Acton	Full Length Liner
55	Third Line	7	Oakville	Full Length Liner
65	Coronation Park	16	Oakville	Full Length Liner
87	16 Mile Creek	3	Oakville	Full Length Liner
0	Oak SW	16	Oakville	Full Length Liner
12	Ninth Line	11	Oakville	Full Length Liner

Note: Schedule may not add due to rounding.



BASEMENT FLOODING MITIGATION DETAILS				
ID 7734 - CAPITAL UPGRADES TO ADDRESS BASEMENT FLOODING				
SEWER CATCHMENT ID NUMBER	NAME OF CATCHMENT	NUMBER OF PROJECTS	MUNICIPALITY	TYPE OF WORK
29	West River	1	Oakville	Full Length Liner
31	Elizabeth Gardens	1	Oakville	Full Length Liner
50	Sheldon Creek	1	Oakville	Full Length Liner
WWTP	Mid Halton Wastewater Treatment Plant	2	Oakville	Full Length Liner
WWTP	Oakville SouthEast Wastewater Treatment Plant	5	Oakville	Full Length Liner
WWTP	Skyway Wastewater Treatment Plant	327	Burlington	Spot Repair
2024 Sub-Total		442		6,033
2025 Projects				
55	Third Line	45	Oakville	Spot Repair
65	Coronation Park	61	Oakville	Spot Repair
66	Belvedere Drive	4	Oakville	Spot Repair
78	Providence Road	1	Oakville	Spot Repair
79	Riverbank Way	1	Oakville	Spot Repair
87	16 Mile Creek	39	Oakville	Spot Repair
WWTP	Oakville SouthWest Wastewater Treatment Plant	60	Oakville	Spot Repair
9	Carrington Park	6	Oakville	Spot Repair
12	Ninth Line	79	Oakville	Spot Repair
13	Bel Air Estates	4	Oakville	Spot Repair
15	Raymar Place	1	Oakville	Spot Repair
17	Gairloch Gardens	2	Oakville	Spot Repair
18	Navy Street	3	Oakville	Spot Repair
20	Lakewood Drive	1	Oakville	Spot Repair
21	Walker Street	1	Oakville	Spot Repair
23	BirchHill Lane	2	Oakville	Spot Repair
29	West River Street	8	Oakville	Spot Repair
31	Elizabeth Gardens	4	Oakville	Spot Repair
42	Chartwell Road	1	Oakville	Spot Repair

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2023

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

BASEMENT FLOODING MITIGATION DETAILS				
ID 7734 - CAPITAL UPGRADES TO ADDRESS BASEMENT FLOODING				
SEWER CATCHMENT ID NUMBER	NAME OF CATCHMENT	NUMBER OF PROJECTS	MUNICIPALITY	TYPE OF WORK
45	Weaver Avenue	8	Oakville	Spot Repair
50	Sheldon Creek	1	Oakville	Spot Repair
WWTP	Mid Halton Wastewater Treatment Plant	13	Oakville	Spot Repair
WWTP	Oakville SouthEast Wastewater Treatment Plant	24	Oakville	Spot Repair
33	Junction	10	Burlington	Spot Repair
34	Roseland	21	Burlington	Spot Repair
57	NorthShore Boulevard	4	Burlington	Spot Repair
68	Indian Road	1	Burlington	Spot Repair
77	Bridgeview	7	Burlington	Spot Repair
WWTP	Georgetown Wastewater Treatment Plant	36	Georgetown	Spot Repair
1	Armstrong Avenue	2	Georgetown	Spot Repair
2	Gollop Crescent	1	Georgetown	Spot Repair
3	Lynden Circle	2	Georgetown	Spot Repair
4	Moore Park	1	Georgetown	Spot Repair
83	Main Street	5	Georgetown	Spot Repair
WWTP	Acton Wastewater Treatment Plant	8	Acton	Spot Repair
5	Agnes Street	5	Acton	Spot Repair
53	Lakeview	4	Acton	Spot Repair
0	Milton Main	67	Milton	Spot Repair
84	Boyne	5	Milton	Spot Repair
86	MidBlock Arterial	65	Milton	Spot Repair
88	Laurier Avenue	22	Milton	Spot Repair
103	Tremaine Road	28	Milton	Spot Repair
	2025 Sub-Total	663		5,744
	Total	1,225		17,778

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan

CAPITAL REPORT 2023

APPENDIX B: 2020 ALLOCATION PROGRAM

Halton Region
2020 Allocation Program and Previously Approved Projects
Gross Expenditures 2018-2023 (\$000)

The project list represents the revised 2020 Allocation Program for infrastructure approved between 2018 and 2022 and cost changes proposed for 2023.

Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
2020 Allocation Program (2018-2023)									
R	6445	6445	Guelph Line at Harvester Road (Intersection Improvements) (BUR) (Regional Road 1)	\$ 5,212	\$ 0	\$ 0	\$ 0	\$ 5,212	\$ 0
R	7438	7438	Guelph Line & 1 Side Road - Intersection Improvements (BUR) (Regional Road 1)	2,512	0	0	0	2,512	0
R	6823	6823	Trafalgar Road - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 3)	825	0	0	0	825	0
R	6827	6827	Trafalgar Road - Widening from 4 to 6 lanes from Britannia Road to Steeles Avenue including Highway 401 Structure (MIL) (Regional Road 3)	825	0	0	0	825	0
R	7565	7565	Trafalgar Road - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) (Regional Road 3)	27,557	40,400	0	0	67,957	40,400
R	7756	7756	Trafalgar Road Widening from 2 to 4 Lanes from 10 Side Road to Hwy 7 (HHS) (Regional Road 3)	50,138	28,726	17,180	(49,121)	46,923	(3,215)
R	3981	3981	Trafalgar Road - Widening from 4 to 6 lanes from Dundas Street to Highway 407 (OAK) (Regional Road 3)	36,214	25,436	55,203	0	116,853	80,639
R	3991	3991	Trafalgar Rd - Grade Separation at CN Crossing north of Maple Ave (HHS) (Regional Road 3)	27,129	1,819	16,398	(26,824)	18,522	(8,607)
R	5376	5376	Trafalgar Rd - Grade Separation at Metrolinx Crossing south of Hwy 7 (HHS) (Regional Road 3)	18,141	1,200	5,765	(17,086)	8,020	(10,121)
R	5839	5839	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Britannia Road (MIL) (Regional Road 4)	9,646	0	0	(8,821)	825	(8,821)
R	3984	3984	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Northampton (BUR) (Regional Road 5)	21,259	22,590	13,194	0	57,043	35,784
R	5180	5180	Dundas Street - Widening from 4 to 6 lanes from Northampton to Appleby Line (BUR) (Regional Road 5)	19,132	21,355	20,512	0	60,999	41,867
R	3983	3983	Dundas Street - Widening from 4 to 6 lanes from Tremaine Road to Bronte Road (OAK) (Regional Road 5)	26,983	26,811	21,887	0	75,681	48,698

Note: Schedule may not add due to rounding.



Halton Region
2020 Allocation Program and Previously Approved Projects
Gross Expenditures 2018-2023 (\$000)

Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/ Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
R	7487	7487	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Halton/Hamilton Boundary, including improvements at Brant Street (BUR) (Regional Road 5)	\$ 28,847	\$ 1,812	\$ 16,413	\$ (23,141)	\$ 23,931	\$ (4,916)
R	5384	5384	Dundas Street - Grade Separation at CNR Crossing between Appleby Line and Tremaine Road (BUR) (Regional Road 5)	19,068	0	0	(4,000)	15,068	(4,000)
R	3982	3982	Dundas St - Widening from 4 to 6-Lanes (excluding CNR & Bronte Creek Bridges) from Appleby Line to Tremaine Rd (BUR) (Regional Rd 5)	25,697	0	0	0	25,697	0
R	5385	5385	Dundas Street - Bronte Creek Bridge between Appleby Line and Tremaine Road (BUR) (Regional Rd 5)	48,600	0	0	0	48,600	0
R	6802	6802	Britannia Road - Widening from 4 to 6 lanes from Regional Road 25 to Highway 407 (MIL) (Regional Road 6)	91,035	0	0	0	91,035	0
R	7333	7333	Britannia Road (CONSTRUCTION ONLY) - Widening from 2 to 4 lanes from Regional Road 25 to James Snow Parkway (MIL) Regional Road 6	31,566	0	0	0	31,566	0
R	7334	7334	Britannia Road (CONSTRUCTION ONLY) - Widening from 2 to 4 lanes from James Snow Parkway to Trafalgar Road (MIL) Regional Road 6	28,493	0	0	0	28,493	0
R	7335	7335	Britannia Road (CONSTRUCTION ONLY) - Widening from 2 to 4 lanes from Trafalgar Road to Highway 407 (MIL) Regional Road 6	11,402	0	0	0	11,402	0
R	6821	6821	Steeles Avenue - Widening from 4 to 6 lanes from Regional Road 25 to Trafalgar Road (MIL) (Regional Road 8)	7,386	0	0	0	7,386	0
R	7933	7933	Steeles Ave - Truck inspection station between 5th Line and 6th Line (HHS)	1,100	500	0	0	1,600	500
R	6819	6819	Steeles Avenue - Widening from 2 to 4 lanes from Tremaine Road to Industrial Drive (MIL) (Regional Road 8)	15,564	0	0	(10,515)	5,049	(10,515)
R	5181	5181	Steeles Avenue - Grade Separation at CN crossing west of Bronte Street (MIL) (Regional Road 8)	11,273	7,500	1,800	(18,773)	1,800	(9,473)
R	7336	7336	Ninth Line - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) (Regional Road 13)	32,891	13,053	15,000	(38,242)	22,702	(10,189)
R	6808	6808	Ninth Line - Widening from 2 to 4 lanes from Burnhamthorpe Road to Highway 407 (OAK) (Regional Road 13)	3,748	3,370	0	0	7,118	3,370

Note: Schedule may not add due to rounding.



Halton Region
2020 Allocation Program and Previously Approved Projects
Gross Expenditures 2018-2023 (\$000)

Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/ Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
R	6809	6809	Ninth Line - Widening from 2 to 4 lanes from Dundas Street to Burnhamthorpe Road (OAK) (Regional Road 13)	\$ 5,771	\$ 340	\$ 0	\$ 0	\$ 6,111	\$ 340
R	6448	6448	Winston Churchill Boulevard - Widening from 4 to 6 lanes from Highway 401 to Steeles Avenue (Halton's Share) (HHS) (Regional Road 19)	2,565	0	0	0	2,565	0
R	3989	3989	Winston Churchill Blvd - Widening from 2 to 4 lanes from 2km south of 5 Side Road to potential by-pass (Halton's Share) (HHS) (Regional Road 19)	1,837	0	0	0	1,837	0
R	7494	7494	Norval Bypass (HHS)	23,520	0	0	(17,739)	5,781	(17,739)
R	7927	7927	Appleby Line and Britannia Road - Intersection Improvements (Roundabout) (BUR) Regional Road 20	2,407	0	0	0	2,407	0
R	5845	5845	Tremaine Road - Widening from 4 to 6 lanes from Highway 401 to Derry Road (MIL) (Regional Road 22)	24,414	0	0	(23,589)	825	(23,589)
R	6830	6830	Tremaine Road - Widening from 2 to 4 lanes from Dundas Street to Lower Base Line (OAK) (Regional Road 22)	10,903	0	0	(10,353)	550	(10,353)
R	6834	6834	Tremaine Road - Widening from 2 to 4 lanes from Lower Base Line to Britannia Road (MIL) (Regional Road 22)	3,609	0	0	(3,059)	550	(3,059)
R	6818	6818	Bronte Road - Widening from 4 to 6 lanes from Speers Road to Highway 407 (OAK) (Regional Road 25)	7,991	0	0	(7,166)	825	(7,166)
R	6814	6814	Regional Road 25 - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 25)	6,805	0	0	(5,980)	825	(5,980)
R	6811	6811	Regional Road 25 - Widening from 2 to 4 lanes from 5 Side Road to 10 Side Road (HHS) (Regional Road 25)	5,562	0	0	(5,012)	550	(5,012)
R	6815	6815	Regional Road 25 - Widening from 4 to 6 lanes from Britannia Road to Derry Road (MIL) (Regional Road 25)	825	0	0	0	825	0
R	6817	6817	Regional Road 25 - Widening from 4 to 6 lanes from Steeles Avenue to 5 Side Road (MIL) (Regional Road 25)	23,256	30,829	0	(46,957)	7,128	(16,128)
R	7337	7337	Upper Middle Road - Intersection Operational Improvements (OAK) Regional Road 38	5,345	(5,345)	0	0	0	(5,345)
R	6828	6828	Upper Middle Road - Widening from 4 to 6 lanes from Bronte Road to Neyagawa Boulevard (OAK) (Regional Road 38)	825	0	0	(825)	0	(825)

Note: Schedule may not add due to rounding.



Halton Region
2020 Allocation Program and Previously Approved Projects
Gross Expenditures 2018-2023 (\$000)

Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
R	6826	6826	Upper Middle Road - Widening from 4 to 6 lanes from Trafalgar Road to Grand Boulevard (OAK) (Regional Road 38)	\$ 535	\$ 0	\$ 0	\$ (535)	\$ 0	\$ (535)
R	7338	7338	Upper Middle Road - Widening from 4 to 6 lanes from Neyagawa Boulevard to Trafalgar Road (OAK) (Regional Road 38)	321	0	0	(321)	0	(321)
R	7339	7339	Upper Middle Road - Widening from 4 to 6 lanes from Grand Boulevard to Ninth Line (OAK) (Regional Road 38)	321	0	0	(321)	0	(321)
R	5413	5413	William Halton Parkway - New 4 lane bridge over 16 Mile Creek to (Regional Road 40) (OAK)	45,000	0	0	0	45,000	0
R	5273	5273	William Halton Parkway - New 4 lane road from Sixteen Mile Creek to Neyagawa Blvd. (OAK) (Regional Road 40)	33,168	0	0	0	33,168	0
R	7490	7490	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Third Line to Sixteen Mile Creek (OAK) Regional Road 40	13,500	0	0	0	13,500	0
R	7460	7460	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Sixth Line to Neyagawa Boulevard (OAK) Regional Road 40	12,204	3,814	0	0	16,018	3,814
R	7489	7489	William Halton Parkway (CONSTRUCTION ONLY) - 2 to 4 lanes from Old Bronte Road to Hospital Gate (OAK) Regional Road 40	4,043	0	0	(4,043)	0	(4,043)
R	7809	7809	Wycroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK) (Regional Road 45)	64,077	36,121	39,793	0	139,991	75,914
R	7493	7493	Active Transportation New Off-Road Capital Projects (REG)	9,724	0	0	0	9,724	0
R	7375	7375	Active Transportation Infill Projects (REG)	5,923	0	0	0	5,923	0
R	5426	5426	Active Transportation Initiatives (REG)	309	0	0	0	309	0
R	7928	7928	Active Transportation Master Plan (REG)	203	0	0	0	203	0
R	7377	7377	Intelligent Transportation System Implementation (REG)	11,500	0	0	0	11,500	0
R	6854	6854	New Traffic Signals - Development (REG)	8,595	0	0	0	8,595	0
R	6855	6855	New Signalized Intersections (REG)	2,012	274	1,532	0	3,818	1,806

Note: Schedule may not add due to rounding.



Halton Region
2020 Allocation Program and Previously Approved Projects
Gross Expenditures 2018-2023 (\$000)

Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
R	6855	7937	Traffic Signal Installation at the intersection of Guelph Line and 25 Sideroad (MIL)	\$ 0	\$ 220	\$ 0	\$ 0	\$ 220	\$ 220
R	5641	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	3,900	220	0	0	4,120	220
R	6838	6838	Growth Management Studies (REG)	2,615	0	0	0	2,615	0
R	5444	5444	Transportation Master Plan Study (REG)	2,092	0	0	0	2,092	0
R	5196	5196	Travel Demand Management Initiative (REG)	1,780	0	0	0	1,780	0
R	6832	6832	Data Management Group (REG)	785	0	0	0	785	0
R	7568	7568	MTO Highway Studies (REG)	655	0	0	0	655	0
R	6836	6836	Regional Road 25/Third Line Alignment Options Study (MIL)	523	0	0	0	523	0
R	6837	6837	Development Charge Background Study (REG)	471	0	0	0	471	0
R	6858	6858	Cordon Count Data (REG)	313	0	0	0	313	0
R	7569	7569	Urban Design Guidelines (REG)	157	0	0	0	157	0
R	6833	6833	Transportation Tomorrow Survey (REG)	105	0	0	0	105	0
R	5431	5431	Traffic and Screen Line Counts & Studies (REG)	889	75	0	0	964	75
W	7504	7504	1200mm WM on Britannia Rd from 4th Line to RR25 (Construction, Zone M4) and Watermain Valve Chamber and Crossing at Fifth Line and Britannia Rd (MIL)	25,000	0	0	0	25,000	0
S	7556	7556	West River WWPS - Capacity Upgrade to 120 L/s WWPS - Design and Construction, including 450 mm inlet WWM to the station on Service Rd from West River St to West River WWPS (OAK)	11,574	0	0	0	11,574	0
S	5906	5906	750 mm WWM on new road alignment from Louis St. Laurent to Britannia Rd (MIL)	10,288	0	6,822	0	17,110	6,822
W	6684	6684	Construction of Oakville WPP Re-rating from 109 to 130 ML/d (OAK)	8,700	0	0	0	8,700	0
S	6570	6570	750 mm WWM on No 10 Side Road from Ninth Line to Barber Dr. (HHGEO)	8,363	5,550	0	0	13,913	5,550
S	6506	6506	750 mm WWM on 9th Line from Argyll Rd to 10th Side Rd - Georgetown South Connection (HHGEO)	8,320	5,550	0	0	13,870	5,550

Note: Schedule may not add due to rounding.



Halton Region
2020 Allocation Program and Previously Approved Projects
Gross Expenditures 2018-2023 (\$000)

Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
S	4994	4994	600 mm WWM on new North Oakville road from Burnhamthorpe Rd to Dundas St (OAK)	\$ 8,184	\$ 0	\$ 0	\$ 0	\$ 8,184	\$ 0
W	7515	7515	System PRV implementation to support Zone 3/4/5 Boundary Re-alignment (REG)	8,000	0	5,490	0	13,490	5,490
S	6493	6493	375 mm WWM on Atwood Ave/Murno Circle and existing sewer alignment from Berton Blvd to Maple Ave (HHGEO)	6,560	0	0	0	6,560	0
W	7514	7514	8th Line Zone 4 Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (OAK)	4,500	0	3,501	0	8,001	3,501
S	7546	7546	750 mm WWM on No 10 Side Road from WWPS #100 to Eighth Line (in order to decommission WWPS #100) (HHGEO)	4,477	5,560	0	0	10,037	5,560
W	6612	6612	600mm WM on No 10 Siderd from 9th Line to 10th Line (Zone G6L) (HHGEO)	4,459	3,475	0	0	7,934	3,475
S	7531	7531	525mm WWM on Whitlock Crossing from east of Fourth Line to James Snow Parkway, and south approximately 400 m on James Snow Parkway (MIL)	4,337	0	0	0	4,337	0
S	7520	7520	600 mm WWM crossing Dundas St and 600 mm WWM on Dundas St from 900m west of Colonel Williams Parkway to Colonel Williams Parkway (OAK)	4,254	4,000	14,152	0	22,406	18,152
W	6611	6611	600mm WM on No 10 Siderd from 8th Line to 9th Line (Zone G6L) (HHGEO)	3,951	3,475	0	0	7,426	3,475
S	7543	7543	Gravity Sewers from Decommissioned Riverside WWPS and Shorewood Place SPS to New Rebecca Trunk (OAK)	3,900	0	16,906	0	20,806	16,906
W	7500	7500	Milton West Looping - 400mm WM on Derry Rd from Santa Maria Blvd. to Bronte St South, and a 400 mm WM on Main St West from Scott Blvd. to Tremaine Road. (MIL)	3,737	0	0	(3,158)	579	(3,158)
W	6444	6444	400mm WM from Burnhamthorpe Rd to Dundas St on new North Oakville road (Zone O4) (Construction) (OAK)	3,461	0	0	0	3,461	0
S	6586	6586	750 mm WWM on 8th Line from Argyll Rd to 10th Side Rd (HHGEO)	3,135	5,550	0	0	8,685	5,550
S	6587	6587	600 mm WWM on 8th Line from Miller Rd to Argyll Rd (HHGEO)	2,671	5,560	0	0	8,231	5,560

Note: Schedule may not add due to rounding.



Halton Region
2020 Allocation Program and Previously Approved Projects
Gross Expenditures 2018-2023 (\$000)

Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
W	6443	6443	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Construction) (OAK)	\$ 2,547	\$ 0	\$ 2,700	\$ 0	\$ 5,247	\$ 2,700
W	6709	6709	300mm WM on Spring Gardens Rd from Botanical Dr to Plains Rd (BUR)	2,460	0	0	0	2,460	0
W	6603	6603	400mm WM on 8th Line from 10th Siderd to existing 400mm (Zone G6L) (HHGEO)	2,324	3,475	0	0	5,799	3,475
W	7935	7935	400mm WM from Third Line under William Halton Parkway easterl (OAK)	2,100	0	0	0	2,100	0
W	6726	6726	300mm WM on Sovereign St between Bronte Rd and East St (OAK)	2,097	0	0	0	2,097	0
W	6735	6735	300 mm replacement on Guelph St between Mountainview Rd North and Sinclair Ave (HHGEO)	1,955	0	0	0	1,955	0
S	7522	7522	525 mm WWM through developer subdivision from ID 5063 to Burnhamthorpe Rd W (OAK)	1,944	0	0	0	1,944	0
S	6562	6562	450 mm WWM on new road from 440 m north of Derry Rd to Derry Rd and 525 mm WWM on Derry Rd from 725 m east of 5th Line to 5th Line (MIL)	1,465	4,835	11,300	0	17,600	16,135
S	6567	6567	750 mm WWM on No 10 Side Road from Barber Dr. to WWPS #100 (HHGEO)	1,006	5,550	0	0	6,556	5,550
W	6717	6717	300mm WM on Fairview St from Appleby Line to Taylor Crescent (BUR)	1,000	0	0	0	1,000	0
S	7517	7517	Halton Wastewater Master Plan (REG)	900	0	0	0	900	0
S	6553	6553	450 mm WWM on Louis St Laurent extension from 340m west of Tremaine Rd to Tremaine Rd (MIL)	844	0	0	0	844	0
S	6508	6508	Decommissioning of HH WWPS #3, connection to new 8th Line trunk sewer and conversion of site to septage receiving facility (HHS)	785	0	0	0	785	0
S	7524	7524	450 mm WWM through developer subdivison from ID 6114 on Thompson Rd westerly (MIL)	756	0	0	0	756	0
W	7502	7502	Halton Water Master Plan (REG)	700	0	0	0	700	0

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S	7527	7527	375mm WWM on Fairwood Place West from Hendrie Avenue to North Shore Boulevard West, and on North Shore Boulevard West from Fairwood Place West to the La Salle Park WWPS (BUR)	\$ 683	\$ 0	\$ 0	\$ 0	\$ 683	\$ 0
W	7497	7497	400mm WM on Sixth Line from approximately 300m southward of William Halton Parkway (RR 40) to Burnhamthorpe Rd (OAK)	642	0	0	0	642	0
W	4983	4983	400mm WM on new North Oakville road from Burnhamthorpe Rd to Dundas St (Zone O4) (Design) (OAK)	635	0	0	0	635	0
W	7510	7510	Water Distribution System Analysis (REG)	550	0	0	0	550	0
S	7518	7518	Wastewater Collection System Analysis (REG)	550	0	0	0	550	0
W	7512	7512	System Wide Transient Analysis Modelling Study (REG)	500	0	0	0	500	0
S	6481	6481	450 mm WWM on internal road parallel to Dundas St from west of 16 Mile Creek Bridge to 190 m east of Proudfoot Trail (OAK)	480	0	0	0	480	0
W	3713	3713	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Design) (OAK)	468	0	460	0	928	460
W	6704	6704	200mm WM on Brock Ave from Elgin Street to Lakeshore Rd (BUR)	454	0	0	0	454	0
W	6714	6714	300mm WM on Brant from Fairview St to 180 m northerly (BUR)	405	0	0	0	405	0
W	6705	6705	200mm WM on Regina Drive from Maple Avenue to Ecole Renaissance Schoolyard (BUR)	377	0	0	0	377	0
W	6716	6716	200mm WM from end of Commerce Crt north to Fairview St (BUR)	370	0	0	0	370	0

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Type	OLD ID	NEW ID	Description	Per FN-49-19/PW-50-19/LPS112-19	Approved Cost Changes/Cancelled	2023 Budget Increases	Re-programmed	Revised	Difference
W	7499	7499	2 system PRV's on Mountain View and Eighth Line at the creek (Georgetown Lakebased Transfer Implementation) (Construction) (HHGEO)	\$ 345	\$ 3,475	\$ 0	\$ 0	\$ 3,820	\$ 3,475
S	7540	7540	Decommissioning of Riverside WWPS and Shorewood Place WWPS (OAK)	300	0	0	0	300	0
S	7541	7541	Walker St WWPS - I/I reduction Program to gain capacity at the station. Scoping Study (OAK)	286	0	0	0	286	0
W	7498	7498	Lake Based Servicing transfer of Derry Rd/R.R. 25 area (MIL)	280	(280)	0	0	0	(280)
W	7357	7357	400mm WM on Sixth Line from the proposed William Halton Parkway (RR 40) to southward approximately 300m (OAK)	270	193	0	0	463	193
W	7511	7511	Water Supply Capacity Annual Monitoring Report (REG)	250	0	0	0	250	0
S	7519	7519	Wastewater Treatment Capacity Annual Monitoring Report (REG)	250	0	0	0	250	0
W	6715	6715	300mm WM on Woodview Rd from Fairview St to 100 m Northerly (BUR)	231	0	0	0	231	0
W	7284	7284	400mm WM and valve chamber to be constructed on Neyagawa Blvd. (RR 4) (OAK)	223	(223)	0	0	0	(223)
W	7284	8039	400mm WM and valve chamber to be constructed on Neyagawa Blvd. (RR 4) (OAK)	0	211	0	0	211	211
S	7521	7521	Black Creek Monitoring Program (HHACT)	200	0	0	0	200	0
W	7503	7503	300 mm WM on Sixth Line from Hays Blvd to River Glen Blvd. Project required to support Zone 3/4/5 Boundary Re-alignment (OAK)	150	0	15,996	0	16,146	15,996
S	7168	7168	450 mm sewer on Burnhamthorpe Rd from Neyagawa Blvd. to King's Christian Collegiate (OAK)	130	(130)	0	0	0	(130)

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S	7168	8038	450 mm sewer on Burnhamthorpe Rd from Neyagawa Blvd. to King's Christian Collegiate (OAK)	\$ 0	\$ 110	\$ 0	\$ 0	\$ 110	\$ 110
S	7544	7544	Boyne WWPS - Decommissioning upon completion of gravity sewers #7159, #6382, #6381 (MIL)	100	0	0	0	100	0
S	7551	7551	1,200 L/s WWPS on Trafalgar Rd/ Britannia Rd - Construction (MIL)	22,107	27,090	0	0	49,197	27,090
W	7508	7508	20 ML/d Zone G6L Pumping Station at Zone 4 Reservoir - Construction (HHGEO)	4,880	14,045	0	0	18,925	14,045
S	6499	6499	450 mm / 575 mm WWM on Britannia Road from Trafalgar Road to 570 m East (MIL)	1,148	9,500	0	0	10,648	9,500
S	7529	7529	1050 mm WWM on Trafalgar Rd from Derry Rd to Golf Course - Construction (MIL)	7,307	9,265	0	0	16,572	9,265
S	7530	7530	1050 mm WWM on Trafalgar Rd from Golf Course to Britannia Rd / Trafalgar Rd WWPS - Construction (MIL)	11,134	9,265	0	0	20,399	9,265
S	7549	7549	900 mm WWM on 8th Line from 10th Side Rd to 5th Side Rd - Construction (HHGEO)	24,072	9,265	0	0	33,337	9,265
S	7550	7550	900 mm WWM on 8th Line from 5th Side Rd to Steeles Ave - Construction (HHGEO)	9,530	9,265	0	0	18,795	9,265
S	7552	7552	1050 mm WWM on Steeles Ave from 8th Line to Crossing Easement - Construction (HHGEO)	3,156	9,265	0	0	12,421	9,265
S	7553	7553	1050 mm WWM 401 Crossing from Steeles Ave to Auburn Rd - Construction (MIL)	13,843	9,265	0	0	23,108	9,265
S	7554	7554	1050 mm WWM on Auburn Rd from Hwy 401 crossing easement to Trafalgar Rd - Construction (MIL)	4,473	9,265	0	0	13,738	9,265
S	7555	7555	1050 mm WWM on Trafalgar Rd from Auburn Rd to Derry Rd - Construction (MIL)	10,005	9,265	0	0	19,270	9,265
W	7509	7509	Neyagawa Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (100 MLD) (OAK)	7,466	5,581	0	0	13,047	5,581
W	6662	6662	600mm WM on Wyecroft Rd from Burloak Dr to the 900mm WM on the SE corner of Third Line and QE. Phase 1 (OAK)	8,379	11,513	911	0	20,803	12,424

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S	7533	7533	Twinned 750 mm WWFM on Britannia Rd from Trafalgar Rd to 6th Line - Construction (MIL)	\$ 11,774	\$ 2,967	\$ 0	\$ 0	\$ 14,741	\$ 2,967
S	7535	7535	1200 mm WWM on Britannia Rd from 6th Line to 5th Line - Construction (MIL)	13,707	2,967	0	0	16,674	2,967
S	7547	7547	1200 mm WWM on Britannia Rd to 5th Line to James Snow Pkwy - Construction (MIL)	5,812	2,967	0	0	8,779	2,967
W	7506	7506	750mm WM on Trafalgar Rd from Zone 4 Reservoir to No 10 Siderd (Zone G6L) - Construction (HHGEO)	5,639	2,612	0	0	8,251	2,612
W	7507	7507	600mm WM on 10th Siderd from Trafalgar Rd to 8th Line (Zone G6L) - Construction (HHGEO)	3,675	2,612	0	0	6,287	2,612
S	7523	7523	600 mm WWM on Trafalgar Rd from ID 5062 to Burnhamthorpe Rd E (OAK)	3,014	2,236	0	0	5,250	2,236
W	6632	6632	400mm WM on Britannia Rd from Trafalgar Rd to 600 m east (Zone M4) (MIL)	1,071	1,200	0	0	2,271	1,200
W	6633	6633	400mm WM on Britannia Rd from 600 m east of Trafalgar Rd to 8th Line (Zone M4) (MIL)	1,167	1,200	0	0	2,367	1,200
W	6722	6722	300mm WM on Woodward Avenue between Martin Street and Ontario Street North (MIL)	1,366	1,093	0	0	2,459	1,093
W	6722	7765	300mm WM on Woodward Avenue from Martin Street to 10m East of Martin Street (MIL)	0	82	0	0	82	82
W	6318	6318	300mm WM on No 14 Siderd from Tremaine Rd. to Milton Reservoir (Zone M5G) (MIL)	1,799	1,056	0	0	2,855	1,056
W	6721	6721	300mm WM on Ontario Street South from Main Street East to Parkway Drive East (MIL)	1,666	975	0	0	2,641	975
W	5853	5853	600mm WM on Tremaine Rd from Dundas St to approximately 950 m north-Design (North Oakville Lands) (Zone O3) (OAK)	284	(84)	0	0	200	(84)
W	5853	8053	600mm Valve Connection at Dundas St and Tremaine Rd and WM segment across Dundas Rd Right-of-way (OAK)	0	584	0	0	584	584
W	7513	7513	4th Line Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (MIL)	1,884	0	0	0	1,884	0

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W	6608	6608	750mm WM on Trafalgar from 15th Side Rd to 22nd Side Rd Lake Based Reservoir-Design (Zone G6L) (HHGEO)	\$ 16,339	\$ 0	\$ 0	\$ (13,806)	\$ 2,533	\$ (13,806)
S	7526	7526	Agnes St WWPS Strategy. Scoping Study, EA and Design. (HHACT)	7,239	0	0	(6,187)	1,052	(6,187)
W	6654	6654	750mm WM on Trafalgar Rd from 10th Side Rd to approximately 1,700 m north of 10th Side Rd-Design (Zone G6L) (HHGEO)	5,423	0	0	(4,583)	840	(4,583)
W	6655	6655	750mm WM on Trafalgar from 1,700 m north of 10th Side Rd to 15th Side Rd-Design (Zone G6L) (HHGEO)	4,861	0	0	(4,108)	753	(4,108)
S	6511	6511	Twinning of 525 - 600 mm WWM from Elgin St South along Black Creek alignment to Acton WWTP- EA and Design (HHACT)	3,028	0	0	(2,516)	512	(2,516)
W	7501	7501	400mm WM on new North Oakville Rd west of Neyagawa Blvd.-Design (OAK)	3,000	0	0	(2,400)	600	(2,400)
W	6609	6609	400mm WM on 17th Side Rd from Trafalgar Rd to Main St-Design (Zone G6L) (HHGEO)	2,504	0	0	(2,116)	388	(2,116)
S	6588	6588	Mid-Halton WWTP expansion from 125 ML/d to 175 ML/d. EA (OAK)	17,957	0	0	(17,957)	0	(17,957)
W	5951	5951	Design of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	11,975	0	0	(11,975)	0	(11,975)
S	6585	6585	Twinning 900 mm WWFM from Lower Base Line to RR 25 (MIL)	1,270	0	0	(1,270)	0	(1,270)
S	6584	6584	1,805 L/s WWPS at Lower Base Line and 4th Line (MIL)	607	0	0	(607)	0	(607)
W	6685	6685	Bulk Water Stations on Existing Sites (REG)	1,997	(1,997)	0	0	0	(1,997)
S	6530	6530	300 mm WWM on Kerr St between Forster Park and Rebecca St (OAK)	957	(957)	0	0	0	(957)

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S	7539	7539	Norval WWPS - Capacity upgrade (HHGEO)	\$ 347	\$ (347)	\$ 0	\$ 0	\$ 0	\$ (347)
S	7542	7542	Main St WWPS Capacity Upgrade (HHGEO)	260	(260)	0	0	0	(260)
S	6527	6527	Twin 600 mm WWM on service road to Marine Drive WWPS from Marine Drive (OAK)	153	(153)	0	0	0	(153)
W			Commitments	25,484	0	0	0	25,484	0
S			Commitments	34,917	(0)	0	0	34,917	0
R			Commitments	2,660	0	0	0	2,660	0
G			General Services DC Collection	44,033	0	0	0	44,033	0
Total				\$ 1,488,849	\$ 477,658	\$ 302,915	\$ (393,106)	\$ 1,876,316	\$ 387,467

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Halton Region
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Type	OLD ID	NEW ID	Description	Previously Approved Budgets	2023 Budget Increases	Re-programmed	Revised	Difference
Previously Approved Projects								
R	5135		Tremaine Road - New 4 lane road from 16 Mile Creek to Tremaine Road (MIL) (Regional Road 22)	\$ 22,667	\$ 2,255	\$ 0	\$ 24,922	\$ 2,255
R	5136		Tremaine Road - New 4 lane road from Tremaine Road (IC)s to Tremaine Road (IC)n (MIL) (Regional Road 22)	98,397	14,516	0	112,913	14,516
R	5134		Tremaine Road - New 4 lane road from Steeles Avenue to 16 Mile Creek (MIL) (Regional Road 22)	27,932	1,637	0	29,569	1,637
R	5138		Tremaine Road - New 4 lane road from Tremaine Road (IC)n to JSP (MIL) (Regional Road 22)	3,221	2,790	0	6,011	2,790
Total				\$ 152,217	\$ 21,198	\$ 0	\$ 173,415	\$ 21,198

Notes:

* "W" denotes a Water Development Project, "S" denotes a Wastewater Development Project, "R" denotes a Roads Growth-Related Project and "G" denotes General Services DC Collection

- ¹ ID 6570 Description changed from 360 L/s WWPS at 10 Side Rd/9th Line (HHGEO)
- ² ID 6567 Description changed from Twinned 300mm WWFM on 10th Side Rd from 9th Ln to New WW #9 (HHGEO)
- ³ ID 6709 Description changed from 300mm WM on Plains Rd East from north of Grandview Rd to twinned section on Plains (BUR)
- ⁴ ID 7531 Description changed from 525mm WWM on Fourth Line from Britannia Rd to approximately 900 m north (MIL)
- ⁵ ID 7527 Description changed from Upsize WWM on Lasalle Park Road to Fairwood Pl to Lasalle WWPS (BUR)
- ⁶ ID 7504 Description changed from 1200mm WM on Britannia Rd from 4th Line to RR 25 (Zone M4) - Construction (MIL)
- ⁷ ID 6499 Description changed from 300 mm WWM on Britannia Rd from 8th Line to Trafalgar/ Britannia WWPS (MIL)

Financing Summary (2020 Allocation Program)

Residential Share	\$ 1,120,623
Regional Share:	
Non-Residential Interim Financing (Revolving Fund/Tax Capital Reserve)	504,769
Non-Growth (Tax Capital/Rate Reserves)	197,786
Subsidy/External Recoveries	53,139
Total	\$ 1,876,316

Note: Schedule may not add due to rounding.

