



Halton Region Budget and Business Plan

CAPITAL REPORT 2022

Halton Region Budget and Business Plan

CAPITAL REPORT 2022

TAX - CAPITAL

CAPITAL BUDGET
TAX-CAPITAL

2022
BUDGET & BUSINESS PLAN

2022 - 2031 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
2022 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	1,894	0	1,894	39	289	0	1,566	0	0
Health -Other	51	0	51	0	0	0	51	0	0
Sub-total	1,945	0	1,945	39	289	0	1,617	0	0
Legislative & Planning Services									
Planning	12,845	0	12,845	8	2,943	0	9,895	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	12,845	0	12,845	8	2,943	0	9,895	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	959	57	902	0	0	0	902	0	0
Sub-total	1,009	57	952	0	0	0	952	0	0
Strategic Transformation									
Energy, Fleet and Facilities	10,788	0	10,788	0	0	0	10,788	0	0
Information Technology	7,747	0	7,747	21	54	0	7,672	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	18,535	0	18,535	21	54	0	18,460	0	0
Public Works									
Transportation	196,567	0	196,567	0	94,806	53,344	48,417	0	0
Waste Management	4,809	0	4,809	86	219	0	4,504	0	0
Sub-total	201,376	0	201,376	86	95,025	53,344	52,921	0	0
Halton Regional Police Service	11,752	0	11,752	262	672	0	7,757	479	2,581
TOTAL 2022	247,813	57	247,755	511	99,220	53,344	91,620	479	2,581
2023 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	3,613	0	3,613	94	703	0	2,816	0	0
Health -Other	51	0	51	0	0	0	51	0	0
Sub-total	3,664	0	3,664	94	703	0	2,867	0	0
Legislative & Planning Services									
Planning	16,790	0	16,790	173	5,842	0	10,775	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	16,790	0	16,790	173	5,842	0	10,775	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	3,709	0	3,709	0	0	0	3,709	0	0
Information Technology	7,912	0	7,912	0	0	0	7,912	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	11,621	0	11,621	0	0	0	11,621	0	0
Public Works									
Transportation	96,722	0	96,722	0	41,650	22,835	32,237	0	0
Waste Management	6,471	0	6,471	0	0	0	6,471	0	0
Sub-total	103,193	0	103,193	0	41,650	22,835	38,708	0	0
Halton Regional Police Service	9,317	0	9,317	262	672	0	6,342	319	1,721
TOTAL 2023	145,635	57	145,578	624	49,105	22,835	70,973	319	1,721

CAPITAL BUDGET
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2022 - 2031 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES NON- RESIDENTIAL	RESIDENTIAL	GENERAL RESERVES GROWTH	REGIONAL	DEBENTURES GROWTH	REGIONAL
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	1,723	0	1,723	32	238	0	1,453	0	0
Health -Other	51	0	51	0	0	0	51	0	0
Sub-total	1,774	0	1,774	32	238	0	1,504	0	0
Legislative & Planning Services									
Planning	37,510	0	37,510	782	15,568	0	21,160	0	0
Economic Development	8,000	0	8,000	0	0	0	8,000	0	0
Sub-total	45,510	0	45,510	782	15,568	0	29,160	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	5,262	0	5,262	0	0	810	4,452	0	0
Information Technology	7,624	0	7,624	0	0	0	7,624	0	0
Communications and Customer Service	15	0	15	0	0	0	15	0	0
Sub-total	12,901	0	12,901	0	0	810	12,091	0	0
Public Works									
Transportation	220,459	0	220,459	0	107,045	59,576	53,838	0	0
Waste Management	10,524	0	10,524	0	0	0	10,524	0	0
Sub-total	230,983	0	230,983	0	107,045	59,576	64,362	0	0
Halton Regional Police Service	8,496	0	8,496	459	1,176	0	6,861	0	0
TOTAL 2024	300,714	57	300,657	1,368	124,264	60,386	114,638	0	0
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	6,124	0	6,124	74	554	0	5,496	0	0
Health -Other	17	0	17	0	0	0	17	0	0
Sub-total	6,141	0	6,141	74	554	0	5,513	0	0
Legislative & Planning Services									
Planning	13,220	0	13,220	315	4,085	0	8,820	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	13,220	0	13,220	315	4,085	0	8,820	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	3,707	0	3,707	0	0	0	3,707	0	0
Information Technology	7,582	0	7,582	0	0	0	7,582	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	11,289	0	11,289	0	0	0	11,289	0	0
Public Works									
Transportation	244,553	0	244,553	0	126,916	64,737	52,900	0	0
Waste Management	15,532	0	15,532	0	0	0	15,532	0	0
Sub-total	260,085	0	260,085	0	126,916	64,737	68,432	0	0
Halton Regional Police Service	9,714	0	9,714	255	652	0	8,807	0	0
TOTAL 2025	301,529	57	301,471	738	132,445	64,737	103,551	0	0

CAPITAL BUDGET
TAX-CAPITAL

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2022 - 2031 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
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	2,463	0	2,463	64	477	0	1,922	0	0
Health -Other	34	0	34	0	0	0	34	0	0
Sub-total	2,497	0	2,497	64	477	0	1,956	0	0
Legislative & Planning Services									
Planning	12,720	0	12,720	243	4,407	0	8,070	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	12,720	0	12,720	243	4,407	0	8,070	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	34,363	0	34,363	0	0	11,988	22,375	0	0
Information Technology	6,400	0	6,400	0	0	0	6,400	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	40,763	0	40,763	0	0	11,988	28,775	0	0
Public Works									
Transportation	369,711	0	369,711	0	203,706	105,620	60,385	0	0
Waste Management	1,169	0	1,169	0	0	0	1,169	0	0
Sub-total	370,880	0	370,880	0	203,706	105,620	61,554	0	0
Halton Regional Police Service	7,352	0	7,352	203	521	0	6,627	0	0
TOTAL 2026	435,261	57	435,204	606	209,349	117,608	107,642	0	0
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	3,974	0	3,974	83	623	0	3,268	0	0
Health -Other	17	0	17	0	0	0	17	0	0
Sub-total	3,991	0	3,991	83	623	0	3,285	0	0
Legislative & Planning Services									
Planning	21,470	0	21,470	518	10,819	0	10,133	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	21,470	0	21,470	518	10,819	0	10,133	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	4,193	0	4,193	0	0	0	4,193	0	0
Information Technology	6,097	0	6,097	0	0	0	6,097	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	10,290	0	10,290	0	0	0	10,290	0	0
Public Works									
Transportation	436,221	0	436,221	0	258,552	129,712	47,957	0	0
Waste Management	1,166	0	1,166	0	0	0	1,166	0	0
Sub-total	437,387	0	437,387	0	258,552	129,712	49,123	0	0
Halton Regional Police Service	7,950	0	7,950	58	149	0	7,743	0	0
TOTAL 2027	482,138	57	482,081	755	270,380	129,712	81,234	0	0

2022 - 2031 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
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	3,851	0	3,851	80	597	0	3,174	0	0
Health -Other	0	0	0	0	0	0	0	0	0
Sub-total	3,851	0	3,851	80	597	0	3,174	0	0
Legislative & Planning Services									
Planning	13,720	0	13,720	243	4,407	0	9,070	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	13,720	0	13,720	243	4,407	0	9,070	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	6,725	0	6,725	0	0	0	6,725	0	0
Information Technology	6,839	0	6,839	0	0	0	6,839	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	13,564	0	13,564	0	0	0	13,564	0	0
Public Works									
Transportation	195,099	0	195,099	0	128,851	40,986	25,262	0	0
Waste Management	5,041	0	5,041	0	0	0	5,041	0	0
Sub-total	200,140	0	200,140	0	128,851	40,986	30,303	0	0
Halton Regional Police Service	5,650	0	5,650	58	149	0	5,443	0	0
TOTAL 2028	238,002	57	237,945	476	134,241	40,986	62,242	0	0
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	2,703	0	2,703	68	511	0	2,124	0	0
Health -Other	34	0	34	0	0	0	34	0	0
Sub-total	2,737	0	2,737	68	511	0	2,158	0	0
Legislative & Planning Services									
Planning	13,220	0	13,220	243	4,907	0	8,070	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	13,220	0	13,220	243	4,907	0	8,070	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	3,676	0	3,676	0	0	0	3,676	0	0
Information Technology	5,735	0	5,735	0	0	0	5,735	0	0
Communications and Customer Service	15	0	15	0	0	0	15	0	0
Sub-total	9,426	0	9,426	0	0	0	9,426	0	0
Public Works									
Transportation	201,374	0	201,374	0	110,891	48,127	42,356	0	0
Waste Management	2,195	0	2,195	0	0	0	2,195	0	0
Sub-total	203,569	0	203,569	0	110,891	48,127	44,551	0	0
Halton Regional Police Service	4,850	0	4,850	58	149	0	4,643	0	0
TOTAL 2029	234,852	57	234,794	464	116,695	48,127	69,508	0	0

CAPITAL BUDGET
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2022 - 2031 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
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	3,387	0	3,387	74	552	0	2,761	0	0
Health -Other	51	0	51	0	0	0	51	0	0
Sub-total	3,438	0	3,438	74	552	0	2,812	0	0
Legislative & Planning Services									
Planning	12,220	0	12,220	172	4,728	0	7,320	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	12,220	0	12,220	172	4,728	0	7,320	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	770	57	713	0	0	0	713	0	0
Sub-total	820	57	763	0	0	0	763	0	0
Strategic Transformation									
Energy, Fleet and Facilities	7,724	0	7,724	0	0	0	7,724	0	0
Information Technology	4,621	0	4,621	0	0	0	4,621	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	12,345	0	12,345	0	0	0	12,345	0	0
Public Works									
Transportation	229,171	0	229,171	0	122,956	62,074	44,141	0	0
Waste Management	799	0	799	13	238	0	549	0	0
Sub-total	229,970	0	229,970	13	123,194	62,074	44,690	0	0
Halton Regional Police Service	5,125	0	5,125	58	149	0	4,918	0	0
TOTAL 2030	264,268	57	264,211	411	128,860	62,074	72,865	0	0
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	5,919	0	5,919	72	536	0	5,311	0	0
Health -Other	128	0	128	0	0	0	128	0	0
Sub-total	6,047	0	6,047	72	536	0	5,439	0	0
Legislative & Planning Services									
Planning	12,520	0	12,520	215	4,836	0	7,470	0	0
Economic Development	0	0	0	0	0	0	0	0	0
Sub-total	12,520	0	12,520	215	4,836	0	7,470	0	0
Social & Community Services									
Childrens Services	50	0	50	0	0	0	50	0	0
Services for Seniors	650	57	593	0	0	0	593	0	0
Sub-total	700	57	643	0	0	0	643	0	0
Strategic Transformation									
Energy, Fleet and Facilities	4,866	0	4,866	0	0	0	4,866	0	0
Information Technology	5,084	0	5,084	0	0	0	5,084	0	0
Communications and Customer Service	0	0	0	0	0	0	0	0	0
Sub-total	9,950	0	9,950	0	0	0	9,950	0	0
Public Works									
Transportation	447,769	0	447,769	0	291,376	115,434	40,959	0	0
Waste Management	99	0	99	0	0	0	99	0	0
Sub-total	447,868	0	447,868	0	291,376	115,434	41,058	0	0
Halton Regional Police Service	4,700	0	4,700	58	149	0	4,493	0	0
TOTAL 2031	482,135	57	482,077	440	297,134	115,434	69,070	0	0

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	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES		DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL	GROWTH	REGIONAL	GROWTH	REGIONAL
TOTAL Finance									
Capital & Development Financing	3,557	0	3,557	951	2,374	0	232	0	0
Sub-total*	3,557	0	3,557	951	2,374	0	232	0	0
Health									
Paramedic Services	35,651	0	35,651	680	5,080	0	29,891	0	0
Health -Other	434	0	434	0	0	0	434	0	0
Sub-total	36,085	0	36,085	680	5,080	0	30,325	0	0
Legislative & Planning Services									
Planning	166,235	0	166,235	2,911	62,542	0	100,783	0	0
Economic Development	8,000	0	8,000	0	0	0	8,000	0	0
Sub-total	174,235	0	174,235	2,911	62,542	0	108,783	0	0
Social & Community Services									
Childrens Services	500	0	500	0	0	0	500	0	0
Services for Seniors	6,929	572	6,357	0	0	0	6,357	0	0
Sub-total	7,429	572	6,857	0	0	0	6,857	0	0
Strategic Transformation									
Energy, Fleet and Facilities	85,013	0	85,013	0	0	12,798	72,215	0	0
Information Technology	65,641	0	65,641	21	54	0	65,566	0	0
Communications and Customer Service	30	0	30	0	0	0	30	0	0
Sub-total	150,684	0	150,684	21	54	12,798	137,811	0	0
Public Works									
Transportation	2,637,646	0	2,637,646	0	1,486,749	702,445	448,452	0	0
Waste Management	47,805	0	47,805	98	457	0	47,250	0	0
Sub-total	2,685,451	0	2,685,451	98	1,487,206	702,445	495,702	0	0
Halton Regional Police Service	74,905	0	74,905	1,732	4,438	0	63,635	799	4,301
TOTAL 2022-2031	3,132,346	572	3,131,774	6,394	1,561,694	715,243	843,344	799	4,301

Note: Schedule may not add due to rounding. Does not include impacts from Strategic Investment Forms.

Halton Region Budget and Business Plan

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| TRANSPORTATION

CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2022 TRANSPORTATION SYSTEM PROJECT LISTING 2022 (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-3246	7567	Miscellaneous R.O.W. Purchases and Road Dedication Engineering & Surveys (REG)	100	0	0	0	0	100	0	0	0
Sub-total			100	0	0	0	0	100	0	0	0
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)	500	0	0	0	0	500	0	0	0
PR-3350	7909	Retrofit Noise Attenuation Barriers - Various Locations (REG)	100	0	0	0	0	100	0	0	0
Sub-total			750	0	0	0	0	750	0	0	0
Growth											
PR-2079D	3981	Trafalgar Road - Widening from 4 to 6 lanes from Dundas Street to Highway 407 (OAK) (Regional Rd 3)	25,436	0	0	13,023	7,326	5,087	0	0	0
	6823	Trafalgar Road - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 3)	825	0	0	486	273	66	0	0	0
PR-2671B	3983	Dundas Street - Widening from 4 to 6 lanes from Tremaine Road to Bronte Road (OAK) (Regional Rd 5)	26,811	0	0	13,556	7,625	5,630	0	0	0
PR-2550	5180	Dundas Street - Widening from 4 to 6 lanes from North Hampton to Appleby Line (BUR) (Regional Road 5)	21,355	0	0	10,387	5,843	5,125	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)	6,561	0	0	3,821	2,150	590	0	0	0
PR-2369C	7933	Steeles Ave - Truck inspection station between 5th Line and 6th Line (HHS)	500	0	0	267	163	70	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2022 TRANSPORTATION SYSTEM PROJECT LISTING 2022 (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-3036	6808	Ninth Line - Widening from 2 to 4 lanes from Burnhamthorpe Road to Highway 407 (OAK) (Regional Road 13)	1,370	0	0	657	370	343	0	0	0
PR-3037	6809	Ninth Line - Widening from 2 to 4 lanes from Dundas Street to Burnhamthorpe Road (OAK) (Regional Road 13)	4,243	0	0	2,172	1,222	849	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 Rd 19)	500	0	0	189	106	205	0	0	0
PR-2261C	5134	Tremaine Road - New 4 lane road from Steeles Avenue to 16 Mile Creek (MIL) (Regional Road 22)	10,000	0	0	6,400	3,600	0	0	0	0
PR-2261C	5135	Tremaine Road - New 4 lane road from 16 Mile Creek to Tremaine Road (MIL) (Regional Road 22)	4,300	0	0	2,752	1,548	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)	20,000	0	0	12,800	7,200	0	0	0	0
PR-3130	6817	Regional Road 25 - Widening from 4 to 6 lanes from Steeles Avenue to 5 Side Road (MIL) (Regional Road 25)	1,700	0	0	936	526	238	0	0	0
PR-2263D	7460	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Sixth Line to Neyagawa Boulevard (OAK) Regional Road 40	3,814	0	0	2,441	1,373	0	0	0	0
PR-3303	7809	Wycroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK)	31,921	0	0	20,429	11,492	0	0	0	0
PR-2314	5426	Active Transportation Initiatives (REG)	105	0	0	33	19	53	0	0	0
	7375	Active Transportation Infill Projects (REG)	877	0	0	280	158	439	0	0	0
	7493	Active Transportation New Off-Road Capital Projects (REG)	1,928	0	0	1,110	625	193	0	0	0
PR-2389	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	780	0	0	250	140	390	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)	628	0	0	201	113	314	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2022 TRANSPORTATION SYSTEM PROJECT LISTING 2022 (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-3205	7377	Intelligent Transportation System Implementation (REG)	2,500	0	0	800	450	1,250	0	0	0
PR-2258	5196	Travel Demand Management Initiative (REG)	356	0	0	114	64	178	0	0	0
PR-2315	5431	Traffic and Screen Line Counts & Studies (REG)	157	0	0	50	28	79	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
Sub-total			169,249	0	0	94,806	53,344	21,099	0	0	0
Maintain Current Levels of Service											
PR-3292	7677	Guelph Line Resurfacing/Reconstruction from No. 20 Side Road to No. 25 Side Road (MIL) (Regional Road 1)	1,600	0	0	0	0	1,600	0	0	0
PR-3338B	7948	Campbellville Sedimentation Basin - Construction (MIL)	540	0	0	0	0	540	0	0	0
PR-3380	7960	Miscellaneous Bridges and Culverts Rehabilitation & Replacement Program (REG)	3,670	0	0	0	0	3,670	0	0	0
PR-3252	7674	Replacement Noise Attenuation Barriers (REG)	60	0	0	0	0	60	0	0	0
PR-3338	7671	Storm System Construction (REG)	300	0	0	0	0	300	0	0	0
PR-3291	7808	Regional Road Tree Replacement Program (REG)	100	0	0	0	0	100	0	0	0
PR-2515B	7850	Streetlight Program (REG)	375	0	0	0	0	375	0	0	0
PR-2662B	7851	Retaining Wall Rehabilitation & Replacement Program - Various Locations (REG)	140	0	0	0	0	140	0	0	0
PR-3035B	7856	Miscellaneous Capital Works Related to Road Resurfacing (REG)	1,331	0	0	0	0	1,331	0	0	0
PR-3342	7919	Road Resurfacing Capital Program (REG)	13,050	0	0	0	0	13,050	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

TRANSPORTATION-CAPITAL

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BUDGET & BUSINESS PLAN

2022 TRANSPORTATION SYSTEM PROJECT LISTING 2022 (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-3345C	7957	Appleby Fairview Storm PS Rehabilitation (BUR)	2,900	0	0	0	0	2,900	0	0	0
	8123	Guiderail Rehabilitation & Replacement Program (REG)	1,130	0	0	0	0	1,130	0	0	0
PR-3242	7672	Replacement Noise Attenuation Studies (REG)	100	0	0	0	0	100	0	0	0
PR-3243	7675	Storm Sewer Inspections, Studies, and Condition Assessments (REG)	100	0	0	0	0	100	0	0	0
PR-2192B	7844	Transportation Infrastructure Management System (REG)	150	0	0	0	0	150	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)	50	0	0	0	0	50	0	0	0
PR-2416B	7848	Bridge and Culvert Inspections, Condition Assessments & Evaluation Studies (REG)	462	0	0	0	0	462	0	0	0
PR-2415B	7849	Traffic Operations & Safety Related Studies (REG)	85	0	0	0	0	85	0	0	0
PR-3336	7907	Retaining Wall Inspections, Condition Assessments and Evaluation Studies (REG)	40	0	0	0	0	40	0	0	0
PR-3079	7908	Asset Management Road Map Implementation (REG)	150	0	0	0	0	150	0	0	0
Sub-total			26,468	0	0	0	0	26,468	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Efficiency and Optimization													
PR-3246	7567	Miscellaneous R.O.W. Purchases and Road Dedication Engineering & Surveys (REG)	300	100	100	100	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	30	10	10	10	0	0	0	0	0	0	0
		Design	0	0	0	0	0	0	0	0	0	0	0
		Property	270	90	90	90	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 Efficiency and Optimization	300	100	100	100	0	0	0	0	0	0	0
Enhanced Levels of Services													
PR-2890B	7853	Traffic Signal Interconnect (REG)	1,500	150	150	150	150	150	150	150	150	150	150
		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	1,500	150	150	150	150	150	150	150	150	150	150
PR-2891B	7854	Operational Improvements (REG)	2,600	500	200	200	200	200	200	200	200	200	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	2,600	500	200	200	200	200	200	200	200	200	500

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3350	7909	Retrofit Noise Attenuation Barriers - Various Locations (REG)	100	100	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	100	100	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	0	0	0	0	0	0	0	0	0	0	0
		Sub-Total Enhanced Levels of Services	4,200	750	350	350	350	350	350	350	350	350	650
Growth													
PR-2322	2659	Guelph Line - Widening from 4 to 6 lanes from Mainway to Upper Middle Road (BUR) (Reg. Rd. 1)	30,126	0	850	0	2,498	9,582	17,196	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	2,498	0	0	0	2,498	0	0	0	0	0	0
		Property	9,582	0	0	0	0	9,582	0	0	0	0	0
		Utility Relocate	202	0	0	0	0	0	202	0	0	0	0
		Construction	16,994	0	0	0	0	0	16,994	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	0	850	2,403	8,443	330	17,230
		EA	850	0	0	0	0	0	850	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	2,403	0	0	0	0	0	0	2,403	0	0	0
		Property	8,443	0	0	0	0	0	0	0	8,443	0	0
		Utility Relocate	330	0	0	0	0	0	0	0	0	330	0
		Construction	17,230	0	0	0	0	0	0	0	0	0	17,230

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-2079D	3981	Trafalgar Road - Widening from 4 to 6 lanes from Dundas Street to Highway 407 (OAK) (Regional Rd 3)	25,436	25,436	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	7,500	7,500	0	0	0	0	0	0	0	0	0
		Utility Relocate	1,600	1,600	0	0	0	0	0	0	0	0	0
		Construction	16,336	16,336	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)	33,064	0	70	32,994	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	70	0	70	0	0	0	0	0	0	0	0
		Construction	32,994	0	0	32,994	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)	21,086	0	70	21,016	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	70	0	70	0	0	0	0	0	0	0	0
		Construction	21,016	0	0	21,016	0	0	0	0	0	0	0
	6823	Trafalgar Road - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 3)	43,530	825	0	5,003	2,203	648	34,851	0	0	0	0
		EA	825	825	0	0	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	5,003	0	0	5,003	0	0	0	0	0	0	0
		Property	2,203	0	0	0	2,203	0	0	0	0	0	0
		Utility Relocate	648	0	0	0	0	648	0	0	0	0	0
		Construction	34,851	0	0	0	0	0	34,851	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
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	0	9,164	5,030	0	994	65,853	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	9,164	0	0	0	0	9,164	0	0	0	0	0
		Property	5,030	0	0	0	0	0	5,030	0	0	0	0
		Utility Relocate	994	0	0	0	0	0	0	0	994	0	0
		Construction	65,853	0	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)	60,653	0	234	60,419	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	234	0	234	0	0	0	0	0	0	0	0
		Construction	60,419	0	0	60,419	0	0	0	0	0	0	0
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	0	3,916	23,663	30,426	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	3,916	0	0	3,916	0	0	0	0	0	0	0
		Property	23,017	0	0	0	23,017	0	0	0	0	0	0
		Utility Relocate	646	0	0	0	646	0	0	0	0	0	0
		Construction	30,426	0	0	0	0	30,426	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	0	1,100	0	0	4,966	43,277	745	0	36,185
		EA	1,100	0	0	1,100	0	0	0	0	0	0	0
		Study	0	0	0	0	0	0	0	0	0	0	0
		Design	4,966	0	0	0	0	0	4,966	0	0	0	0
		Property	43,277	0	0	0	0	0	0	43,277	0	0	0
		Utility Relocate	745	0	0	0	0	0	0	0	745	0	0
		Construction	36,185	0	0	0	0	0	0	0	0	0	36,185

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6807	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Tremaine Road (MIL) (Regional Road 4)	110,538	0	850	0	9,515	31,598	1,179	0	0	67,396	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	9,515	0	0	0	9,515	0	0	0	0	0	0
		Property	31,598	0	0	0	0	31,598	0	0	0	0	0
		Utility Relocate	1,179	0	0	0	0	0	1,179	0	0	0	0
		Construction	67,396	0	0	0	0	0	0	0	0	67,396	0
PR-2671B	3983	Dundas Street - Widening from 4 to 6 lanes from Tremaine Road to Bronte Road (OAK) (Regional Rd 5)	26,811	26,811	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	26,811	26,811	0	0	0	0	0	0	0	0	0
PR-2550	5180	Dundas Street - Widening from 4 to 6 lanes from North Hampton to Appleby Line (BUR) (Regional Road 5)	21,355	21,355	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	1,628	1,628	0	0	0	0	0	0	0	0	0
		Construction	19,727	19,727	0	0	0	0	0	0	0	0	0
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	28,657	0	0	192	28,465	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	192	0	0	192	0	0	0	0	0	0	0
		Construction	28,465	0	0	0	28,465	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3128	6757	"5 1/2 Line" - New 6 lane road from Britannia Road to Steeles Avenue & Interchange at Highway 401 (MIL)	182,811	0	1,600	0	11,031	0	91,042	0	0	897	78,241
		EA	1,600	0	1,600	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	0	11,031	0	0	0	0	0	0
		Property	91,042	0	0	0	0	0	91,042	0	0	0	0
		Utility Relocate	897	0	0	0	0	0	0	0	0	897	0
		Construction	78,241	0	0	0	0	0	0	0	0	0	78,241
	6804	Derry Road - Widening from 4 to 6 lanes from Tremaine Road to Highway 407 (MIL) (Regional Road 7)	132,210	0	0	0	0	850	0	14,174	11,665	1,968	103,553
		EA	850	0	0	0	0	850	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	0	14,174	0	0	0
		Property	11,665	0	0	0	0	0	0	0	11,665	0	0
		Utility Relocate	1,968	0	0	0	0	0	0	0	0	1,968	0
		Construction	103,553	0	0	0	0	0	0	0	0	0	103,553
PR-3145	5181	Steeles Avenue - Grade Separation at CN crossing west of Bronte Street (MIL) (Regional Road 8)	20,219	0	0	0	0	20,219	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	20,219	0	0	0	0	20,219	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	0	6,635	12,935	313	32,537	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	0	6,635	0	0	0	0	0	0	0	0
		Property	12,935	0	0	12,935	0	0	0	0	0	0	0
		Utility Relocate	313	0	0	0	313	0	0	0	0	0	0
		Construction	32,537	0	0	0	0	32,537	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3381	6821	Steeles Avenue - Widening from 4 to 6 lanes from Regional Road 25 to Trafalgar Road (MIL) (Regional Road 8)	89,607	6,561	0	0	18,082	0	64,964	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	6,561	6,561	0	0	0	0	0	0	0	0	0
		Property	16,854	0	0	0	16,854	0	0	0	0	0	0
		Utility Relocate	1,228	0	0	0	1,228	0	0	0	0	0	0
		Construction	64,964	0	0	0	0	0	64,964	0	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)	60,434	0	850	0	5,566	13,287	763	39,968	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	5,566	0	0	0	5,566	0	0	0	0	0	0
		Property	13,287	0	0	0	0	13,287	0	0	0	0	0
		Utility Relocate	763	0	0	0	0	0	763	0	0	0	0
		Construction	39,968	0	0	0	0	0	0	39,968	0	0	0
PR-2369C	7933	Steeles Ave - Truck inspection station between 5th Line and 6th Line (HHS)	500	500	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	500	500	0	0	0	0	0	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	0	850	0	4,944	0	23,361	787	35,090
		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	4,944	0	0	0	0	0	4,944	0	0	0	0
		Property	23,361	0	0	0	0	0	0	0	23,361	0	0
		Utility Relocate	787	0	0	0	0	0	0	0	0	787	0
		Construction	35,090	0	0	0	0	0	0	0	0	0	35,090

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3036	6808	Ninth Line - Widening from 2 to 4 lanes from Burnhamthorpe Road to Highway 407 (OAK) (Regional Road 13)	16,631	1,370	15,261	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	1,370	1,370	0	0	0	0	0	0	0	0	0
		Construction	15,261	0	15,261	0	0	0	0	0	0	0	0
PR-3037	6809	Ninth Line - Widening from 2 to 4 lanes from Dundas Street to Burnhamthorpe Road (OAK) (Regional Road 13)	17,637	4,243	0	1,475	11,919	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	4,243	4,243	0	0	0	0	0	0	0	0	0
		Utility Relocate	1,475	0	0	1,475	0	0	0	0	0	0	0
		Construction	11,919	0	0	0	11,919	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	47,133	0	0	967	0	46,166	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	967	0	0	967	0	0	0	0	0	0	0
		Construction	46,166	0	0	0	0	46,166	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	0	850	0	3,902	26,993	28,059	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	3,902	0	0	0	3,902	0	0	0	0	0	0
		Property	26,457	0	0	0	0	26,457	0	0	0	0	0
		Utility Relocate	536	0	0	0	0	536	0	0	0	0	0
		Construction	28,059	0	0	0	0	0	28,059	0	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
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 Rd 19)	13,254	500	800	1,782	0	10,172	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	1,300	500	800	0	0	0	0	0	0	0	0
		Utility Relocate	1,782	0	0	1,782	0	0	0	0	0	0	0
		Construction	10,172	0	0	0	0	10,172	0	0	0	0	0
PR-2666	5438	Winston Churchill Boulevard - Widening from 4 to 6 lanes from Dundas Street to Upper Middle Road/QEW (Halton's Share) (OAK) (Regional Road 19)	11,327	0	304	0	1,266	0	2,955	0	810	5,992	0
		EA	304	0	304	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	0	1,266	0	0	0	0	0	0
		Property	2,955	0	0	0	0	0	2,955	0	0	0	0
		Utility Relocate	810	0	0	0	0	0	0	0	810	0	0
		Construction	5,992	0	0	0	0	0	0	0	0	5,992	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	0	2,742	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	0	2,742	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
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	0	797	0	0	0	788	5,156	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	0	797	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	0	788	0	0
		Construction	5,156	0	0	0	0	0	0	0	0	5,156	0
	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	0	452	0	0	583
		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	0	452	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	0	583
		Construction	0	0	0	0	0	0	0	0	0	0	0
	7494	Norval Bypass (HHS)	33,650	0	2,317	4,282	374	26,677	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	0	2,317	0	0	0	0	0	0	0	0
		Property	4,282	0	0	4,282	0	0	0	0	0	0	0
		Utility Relocate	374	0	0	0	374	0	0	0	0	0	0
		Construction	26,677	0	0	0	0	26,677	0	0	0	0	0
	6812	Appleby Line - Widening from 4 to 6 lanes from Fairview Street to Taywood Drive (BUR) (Regional Road 20)	67,404	0	0	0	7,560	0	5,635	759	53,450	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	0	7,560	0	0	0	0	0	0
		Property	5,635	0	0	0	0	0	5,635	0	0	0	0
		Utility Relocate	759	0	0	0	0	0	0	759	0	0	0
		Construction	53,450	0	0	0	0	0	0	0	53,450	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7689	Appleby Line at Harvester Road (Intersection Improvements) (BUR) (Regional Road 20)	4,622	0	0	0	603	4,019	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	0	603	0	0	0	0	0	0
		Property	0	0	0	0	0	0	0	0	0	0	0
		Utility Relocate	81	0	0	0	0	81	0	0	0	0	0
		Construction	3,938	0	0	0	0	3,938	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	0	850	4,491	6,041	414	31,481	0	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	4,491	0	0	0	0	4,491	0	0	0	0	0
		Property	6,041	0	0	0	0	0	6,041	0	0	0	0
		Utility Relocate	414	0	0	0	0	0	0	414	0	0	0
		Construction	31,481	0	0	0	0	0	0	0	31,481	0	0
	7485	Burloak Drive - (CONSTRUCTION ONLY) 4 lane urbanization from north of QEW to Upper Middle Road (BUR) Regional Road 21	3,442	0	0	3,442	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	3,442	0	0	3,442	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	0	1,100	0	11,762	355	330	79,864
		EA	1,100	0	0	0	0	1,100	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	0	11,762	0	0	0
		Property	355	0	0	0	0	0	0	0	355	0	0
		Utility Relocate	330	0	0	0	0	0	0	0	0	330	0
		Construction	79,864	0	0	0	0	0	0	0	0	0	79,864

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-2261C	5134	Tremaine Road - New 4 lane road from Steeles Avenue to 16 Mile Creek (MIL) (Regional Road 22)	10,000	10,000	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	10,000	10,000	0	0	0	0	0	0	0	0	0
PR-2261C	5135	Tremaine Road - New 4 lane road from 16 Mile Creek to Tremaine Road (MIL) (Regional Road 22)	4,300	4,300	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	4,300	4,300	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)	20,000	20,000	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	20,000	20,000	0	0	0	0	0	0	0	0	0
	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
		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	11,558	0	0	0	0	0	0	0	11,558	0	0
		Property	4,674	0	0	0	0	0	0	0	0	4,674	0
		Utility Relocate	889	0	0	0	0	0	0	0	0	889	0
		Construction	78,745	0	0	0	0	0	0	0	0	0	78,745

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6830	Tremaine Road - Widening from 2 to 4 lanes from Dundas Street to Lower Base Line (OAK) (Regional Road 22)	64,664	0	28,262	36,402	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	5,442	0	5,442	0	0	0	0	0	0	0	0
		Property	22,141	0	22,141	0	0	0	0	0	0	0	0
		Utility Relocate	679	0	679	0	0	0	0	0	0	0	0
		Construction	36,402	0	0	36,402	0	0	0	0	0	0	0
	6834	Tremaine Road - Widening from 2 to 4 lanes from Lower Base Line to Britannia Road (ML) (Regional Road 22)	36,864	0	8,425	501	27,938	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	3,983	0	3,983	0	0	0	0	0	0	0	0
		Property	4,442	0	4,442	0	0	0	0	0	0	0	0
		Utility Relocate	501	0	0	501	0	0	0	0	0	0	0
		Construction	27,938	0	0	0	27,938	0	0	0	0	0	0
	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	0	1,123	10,005	485	8,077	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	1,123	0	0	1,123	0	0	0	0	0	0	0
		Property	10,005	0	0	0	10,005	0	0	0	0	0	0
		Utility Relocate	485	0	0	0	0	485	0	0	0	0	0
		Construction	8,077	0	0	0	0	0	8,077	0	0	0	0
PR-3379	6814	Regional Road 25 - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (ML) (Regional Road 25)	66,768	0	0	0	13,421	964	52,383	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	7,313	0	0	0	7,313	0	0	0	0	0	0
		Property	6,108	0	0	0	6,108	0	0	0	0	0	0
		Utility Relocate	964	0	0	0	0	964	0	0	0	0	0
		Construction	52,383	0	0	0	0	0	52,383	0	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
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	0	4,338	498	23,445	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	3,153	0	0	0	3,153	0	0	0	0	0	0
		Property	1,185	0	0	0	1,185	0	0	0	0	0	0
		Utility Relocate	498	0	0	0	0	498	0	0	0	0	0
		Construction	23,445	0	0	0	0	0	23,445	0	0	0	0
PR-3130	6817	Regional Road 25 - Widening from 4 to 6 lanes from Steeles Avenue to 5 Side Road (MIL) (Regional Road 25)	54,386	1,700	0	1,119	0	51,567	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	0	1,119	0	0	0	0	0	0	0
		Utility Relocate	1,700	1,700	0	0	0	0	0	0	0	0	0
		Construction	51,567	0	0	0	0	51,567	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	0	22,720	1,050	61,034	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	0	8,507	0	0	0	0	0	0
		Property	14,213	0	0	0	14,213	0	0	0	0	0	0
		Utility Relocate	1,050	0	0	0	0	1,050	0	0	0	0	0
		Construction	61,034	0	0	0	0	0	61,034	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	0	850	0	2,367	0	333	16,873	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	2,367	0	0	0	0	0	2,367	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	0	333	0	0
		Construction	16,873	0	0	0	0	0	0	0	0	16,873	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6826	Upper Middle Road - Widening from 4 to 6 lanes from Trafalgar Road to Grand Boulevard (OAK) (Regional Road 38)	30,365	0	0	850	2,564	8,472	326	18,153	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	2,564	0	0	0	2,564	0	0	0	0	0	0
		Property	8,472	0	0	0	0	8,472	0	0	0	0	0
		Utility Relocate	326	0	0	0	0	0	326	0	0	0	0
		Construction	18,153	0	0	0	0	0	0	18,153	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	0	850	0	5,798	3,103	850	41,184	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	5,798	0	0	0	0	5,798	0	0	0	0	0
		Property	3,103	0	0	0	0	0	3,103	0	0	0	0
		Utility Relocate	850	0	0	0	0	0	0	850	0	0	0
		Construction	41,184	0	0	0	0	0	0	0	41,184	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	0	850	0	3,150	2,000	414	22,160	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	3,150	0	0	0	3,150	0	0	0	0	0	0
		Property	2,000	0	0	0	0	2,000	0	0	0	0	0
		Utility Relocate	414	0	0	0	0	0	414	0	0	0	0
		Construction	22,160	0	0	0	0	0	0	22,160	0	0	0
	7338	Upper Middle Road - Widening from 4 to 6 lanes from Neyagawa Boulevard to Trafalgar Road (OAK) Regional Road 38	37,198	0	0	850	0	2,490	0	16,284	355	17,219	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	2,490	0	0	0	0	2,490	0	0	0	0	0
		Property	16,284	0	0	0	0	0	0	16,284	0	0	0
		Utility Relocate	355	0	0	0	0	0	0	0	355	0	0
		Construction	17,219	0	0	0	0	0	0	0	0	17,219	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7339	Upper Middle Road - Widening from 4 to 6 lanes from Grand Boulevard to Ninth Line (OAK) Regional Road 38	10,113	0	0	850	0	1,028	0	732	137	7,366	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	1,028	0	0	0	0	1,028	0	0	0	0	0
		Property	732	0	0	0	0	0	0	732	0	0	0
		Utility Relocate	137	0	0	0	0	0	0	0	137	0	0
		Construction	7,366	0	0	0	0	0	0	0	0	7,366	0
PR-2263D	7460	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Sixth Line to Neyagawa Boulevard (OAK) Regional Road 40	3,814	3,814	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	3,814	3,814	0	0	0	0	0	0	0	0	0
PR-3303	7809	Wycroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK)	31,921	31,921	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	300	300	0	0	0	0	0	0	0	0	0
		Construction	31,621	31,621	0	0	0	0	0	0	0	0	0
PR-2314	5426	Active Transportation Initiatives (REG)	555	105	50	50	50	50	50	50	50	50	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	555	105	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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7375	Active Transportation Infill Projects (REG)	1,100	877	223	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	1,100	877	223	0	0	0	0	0	0	0	0
	7493	Active Transportation New Off-Road Capital Projects (REG)	1,928	1,928	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	1,928	1,928	0	0	0	0	0	0	0	0	0
PR-2875B	7928	Active Transportation Master Plan (REG)	744	0	372	0	0	0	0	372	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	744	0	372	0	0	0	0	372	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-2389	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	9,950	780	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,085	1,085
		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	9,950	780	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,085	1,085

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-2888	6854	New Traffic Signals - Development (REG)	17,190	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719
		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	17,190	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719
PR-2889	6855	New Signalized Intersections (REG)	9,420	628	1,256	628	1,256	628	1,256	628	1,256	628	1,256
		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	9,420	628	1,256	628	1,256	628	1,256	628	1,256	628	1,256
PR-3205	7377	Intelligent Transportation System Implementation (REG)	2,500	2,500	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	2,500	2,500	0	0	0	0	0	0	0	0	0
PR-2258	5196	Travel Demand Management Initiative (REG)	806	356	50	50	50	50	50	50	50	50	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	806	356	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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-2315	5431	Traffic and Screen Line Counts & Studies (REG)	1,849	157	332	157	157	261	157	157	157	157	157
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,849	157	332	157	157	261	157	157	157	157	157
		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-2414	5444	Transportation Master Plan Study (REG)	2,092	0	1,046	0	0	0	0	1,046	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	2,092	0	1,046	0	0	0	0	1,046	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)	1,570	157	157	157	157	157	157	157	157	157	157
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,570	157	157	157	157	157	157	157	157	157	157
		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	0	105	0	0	0	0	105
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	210	0	0	0	0	105	0	0	0	0	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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3117	6837	Development Charge Background Study (REG)	942	0	0	0	0	471	0	0	0	0	471
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	942	0	0	0	0	471	0	0	0	0	471
		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-2874	6838	Growth Management Studies (REG)	5,230	523	523	523	523	523	523	523	523	523	523
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	5,230	523	523	523	523	523	523	523	523	523	523
		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-2878	6858	Cordon Count Data (REG)	626	52	52	52	52	105	52	52	52	52	105
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	626	52	52	52	52	105	52	52	52	52	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
	7568	MTO Highway Studies (REG)	1,310	131	131	131	131	131	131	131	131	131	131
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,310	131	131	131	131	131	131	131	131	131	131
		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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3394	7569	Urban Design Guidelines (REG)	314	0	157	0	0	0	0	0	157	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	314	0	157	0	0	0	0	0	157	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 Growth	2,439,326	169,249	75,296	196,535	219,538	350,223	424,719	177,273	190,911	200,282	435,300
Maintain Current Levels of Service													
PR-3292	7677	Guelph Line Resurfacing/Reconstruction from No. 20 Side Road to No. 25 Side Road (MIL) (Regional Road 1)	1,600	1,600	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	1,600	1,600	0	0	0	0	0	0	0	0	0
	7486	Derry Road - Reconstruction from Milborough Line to McNiven Road (MIL) Regional Road 7	2,713	0	389	0	2,324	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	389	0	389	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	2,324	0	0	0	2,324	0	0	0	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7739	Derry Road Reconstruction from Guelph Line to Walkers Line, and Derry Road Reconstruction from Appleby Line to Tremaine Road (MIL)	7,213	0	0	0	0	0	0	698	0	6,515	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	698	0	0	0	0	0	0	698	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	6,515	0	0	0	0	0	0	0	0	6,515	0
	7741	Derry Road Reconstruction from Twiss to Guelph Line, and Derry Road Reconstruction from Walkers Line to Appleby Line (BUR)	5,389	0	0	0	0	0	0	497	0	4,892	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	497	0	0	0	0	0	0	497	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	4,892	0	0	0	0	0	0	0	0	4,892	0
	7740	Campbellville Road Reconstruction from Milborough Line to Campbell Avenue (MIL)	5,391	0	0	0	0	0	0	526	0	4,865	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	526	0	0	0	0	0	0	526	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	4,865	0	0	0	0	0	0	0	0	4,865	0
PR-3338B	7948	Campbellville Sedimentation Basin - Construction (MIL)	540	540	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	540	540	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3241	7459	Winston Churchill Blvd. Roundabout and Realignment (10th Line to WCB) (HHS) (Regional Road 10)	2,114	0	2,114	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	2,114	0	2,114	0	0	0	0	0	0	0	0
	7683	Brant Street Reconstruction from Fairview Street to QEW (BUR) (Regional Road 18)	5,864	0	0	0	0	567	0	5,297	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	567	0	0	0	0	567	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	5,297	0	0	0	0	0	0	5,297	0	0	0
PR-2464	5312	Winston Churchill Blvd - from Old Pine Crest Road to Credit River (HHS) (Regional Road 19)	1,215	0	1,215	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	1,215	0	1,215	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	0	500	0	4,397	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	4,897	0	500	0	4,397	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-2236	7492	Winston Churchill Blvd - 17 Side Road to Old Pine Crest Road - 1 (HHS) Regional Road 19	1,758	0	1,758	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	1,758	0	1,758	0	0	0	0	0	0	0	0
	7682	Regional Road 25 Reconstruction from North of Main Street to No. 32 Side Road (HHS) (Regional Road 25)	2,522	0	384	0	2,138	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	384	0	384	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	2,138	0	0	0	2,138	0	0	0	0	0	0
PR-3380	7960	Miscellaneous Bridges and Culverts Rehabilitation & Replacement Program (REG)	11,263	3,670	473	3,313	100	3,707	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	11,263	3,670	473	3,313	100	3,707	0	0	0	0	0
PR-3252	7674	Replacement Noise Attenuation Barriers (REG)	6,592	60	231	2,740	1,310	2,251	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	6,592	60	231	2,740	1,310	2,251	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

Note: Schedule may not add due to rounding.



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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-30002V	6885	Vehicle Replacements - Transportation (REG)	213	0	41	0	125	0	0	0	0	47	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	213	0	41	0	125	0	0	0	0	47	0
PR-3345	7666	Storm Pump Stations (REG)	1,424	0	0	200	0	560	160	175	200	0	129
		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	1,424	0	0	200	0	560	160	175	200	0	129
PR-3338	7671	Storm System Construction (REG)	900	300	300	300	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	900	300	300	300	0	0	0	0	0	0	0
PR-3291	7808	Regional Road Tree Replacement Program (REG)	300	100	100	100	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	300	100	100	100	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-2515B	7850	Streetlight Program (REG)	925	375	50	100	50	50	50	50	100	50	50
		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	925	375	50	100	50	50	50	50	100	50	50
PR-2662B	7851	Retaining Wall Rehabilitation & Replacement Program - Various Locations (REG)	891	140	560	0	0	16	175	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	891	140	560	0	0	16	175	0	0	0	0
PR-3035B	7856	Miscellaneous Capital Works Related to Road Resurfacing (REG)	10,834	1,331	1,123	1,426	1,244	1,023	944	857	827	1,054	1,005
		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	10,834	1,331	1,123	1,426	1,244	1,023	944	857	827	1,054	1,005
PR-3342	7919	Road Resurfacing Capital Program (REG)	108,079	13,050	11,233	14,263	12,442	10,226	9,438	8,573	8,266	10,538	10,050
		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	108,079	13,050	11,233	14,263	12,442	10,226	9,438	8,573	8,266	10,538	10,050

Note: Schedule may not add due to rounding.



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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3345C	7957	Appleby Fairview Storm PS Rehabilitation (BUR)	2,900	2,900	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	2,900	2,900	0	0	0	0	0	0	0	0	0
	8123	Guiderail Rehabilitation & Replacement Program (REG)	1,355	1,130	0	75	0	75	0	75	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	1,355	1,130	0	75	0	75	0	75	0	0	0
PR-2526	5644	Region-wide Traffic Operations Study Update (REG)	600	0	0	300	0	0	0	0	300	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	600	0	0	300	0	0	0	0	300	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)	750	100	50	100	50	100	50	100	50	100	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	750	100	50	100	50	100	50	100	50	100	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

Note: Schedule may not add due to rounding.



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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
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)	600	150	0	0	150	0	0	150	0	0	150
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	600	150	0	0	150	0	0	150	0	0	150
		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)	755	135	135	135	50	50	50	50	50	50	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	755	135	135	135	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-2316B	7847	Road Needs Study Update (REG)	500	50	50	50	50	50	50	50	50	50	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	500	50	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

Note: Schedule may not add due to rounding.



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2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-2416B	7848	Bridge and Culvert Inspections, Condition Assessments & Evaluation Studies (REG)	1,318	462	50	147	50	153	50	153	50	153	50
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	1,318	462	50	147	50	153	50	153	50	153	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-2415B	7849	Traffic Operations & Safety Related Studies (REG)	910	85	105	85	85	105	85	85	105	85	85
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	910	85	105	85	85	105	85	85	105	85	85
		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-3336	7907	Retaining Wall Inspections, Condition Assessments and Evaluation Studies (REG)	200	40	0	40	0	40	0	40	0	40	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	200	40	0	40	0	40	0	40	0	40	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-3079	7908	Asset Management Road Map Implementation (REG)	150	150	0	0	0	0	0	0	0	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	150	150	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	0	0	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



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TRANSPORTATION-CAPITAL

2022-2031 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID #	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3388	7958	Road Weather Information Systems (RWIS) Region-wide (REG)	100	0	0	0	0	50	0	0	0	0	50
		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	100	0	0	0	0	50	0	0	0	0	50
PR-3387	7959	Road Weather Information Systems (RWIS) Inspections & Evaluation Studies (REG)	45	0	15	0	0	15	0	0	15	0	0
		EA	0	0	0	0	0	0	0	0	0	0	0
		Study	45	0	15	0	0	15	0	0	15	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 Services	193,820	26,468	20,976	23,474	24,665	19,138	11,152	17,476	10,113	28,539	11,819
		TOTAL Required Financing	2,637,646	196,567	96,722	220,459	244,553	369,711	436,221	195,099	201,374	229,171	447,769

Note: Schedule may not add due to rounding.



Halton Region Budget and Business Plan

CAPITAL REPORT 2022



WASTE MANAGEMENT

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WASTE MANAGEMENT-CAPITAL

BUDGET & BUSINESS PLAN

2022 WASTE MANAGEMENT SYSTEM PROJECT LISTING 2022 (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
Efficiency and Optimization											
PR-3341	7924	Closed Landfill Sites - Property Sale (REG)	50	0	0	0	0	50	0	0	0
Sub-total			50	0	0	0	0	50	0	0	0
Maintain Current Levels of Service											
PR-2368	5479	Halton Waste Management Site - Purchase Buffer Lands (REG)	500	0	0	0	0	500	0	0	0
PR-3172	5629	Halton Waste Management Site- Cell 4 West (REG)	325	0	0	0	0	325	0	0	0
	7796	Halton Waste Management Facility - SCADA Upgrades (REG)	350	0	0	0	0	350	0	0	0
	7872	Halton Waste Management Site Optimization - Phase 2 (REG)	708	0	0	0	0	708	0	0	0
PR-3079	7874	Asset Management Road Map Implementation (REG)	150	0	0	0	0	150	0	0	0
PR-2741B	8096	Landfill Gas System - Phase2 (REG) (REG)	65	0	0	0	0	65	0	0	0
	8130	Transfer Station Study & Construction ()	784	0	0	0	0	784	0	0	0
	8131	Container Station Platform Modifications (REG)	1,167	0	0	0	0	1,167	0	0	0
Sub-total			4,049	0	0	0	0	4,049	0	0	0
Regulation and Environmental Protection											
	8160	Automated Wheeled Cart Pilot Study (Reg)	610	0	86	219	0	305	0	0	0
Sub-total			610	0	86	219	0	305	0	0	0

Note: Schedule may not add due to rounding.

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BUDGET & BUSINESS PLAN

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Note: Schedule may not add due to rounding.

CAPITAL BUDGET

WASTE MANAGEMENT-CAPITAL

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BUDGET & BUSINESS PLAN

2022-2031 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Efficiency and Optimization													
PR-3341	7924	Closed Landfill Sites - Property Sale (REG)	50	50	0	0	0	0	0	0	0	0	0
		Sub-total	50	50	0	0	0	0	0	0	0	0	0
Maintain Current Levels of Service													
PR-3384	7964	Infrastructure Condition Assessments (REG)	100	0	0	0	0	50	0	0	0	0	50
PR-2368	5479	Halton Waste Management Site - Purchase Buffer Lands (REG)	2,000	500	0	500	0	500	0	500	0	0	0
PR-3172	5629	Halton Waste Management Site- Cell 4 West (REG)	17,825	325	2,500	0	15,000	0	0	0	0	0	0
	7219	HWMS - Scales Upgrade (REG)	70	0	0	10	0	50	0	0	10	0	0
	7291	Halton Waste Management Site - Tarping Machine Replacement (REG)	120	0	120	0	0	0	0	0	0	0	0
	7638	Halton Waste Management Site - Grey Water Tank Replacement (REG)	110	0	100	0	0	0	0	10	0	0	0
	7641	Halton Waste Management Site - Leachate System (REG)	515	0	0	0	0	0	50	465	0	0	0
	7642	Halton Waste Management Site - Site Works (REG)	584	0	0	0	0	0	50	534	0	0	0
	7795	Halton Waste Management Site - Buildings Management Site - 2028 (REG)	148	0	0	0	0	0	0	148	0	0	0
	7796	Halton Waste Management Facility - SCADA Upgrades (REG)	579	350	229	0	0	0	0	0	0	0	0
	7872	Halton Waste Management Site Optimization - Phase 2 (REG)	2,681	708	0	1,973	0	0	0	0	0	0	0
	8030	HWMS - Roads Upgrades and Surfacing (REG)	520	0	0	120	400	0	0	0	0	0	0
PR-2365B	8104	Halton Waste Management Site - Final Cover - Erosion Control & Vegetation - Cell 2 - Phase B (REG) ()	225	0	50	0	50	0	125	0	0	0	0
PR-1742B	8122	Halton Waste Management Site - Litter Control Fence - Phase2 (REG)	100	0	0	50	0	0	0	50	0	0	0
	6995	Closed Landfill Environmental Management Plan - 2023-2024 (REG)	425	0	125	300	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTE MANAGEMENT-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7006	Equipment Replacement - Bulldozer - 2024 (REG)	2,800	0	1,400	0	0	0	0	1,400	0	0	0
	7094	Equipment Replacement - Compactor (REG)	3,000	0	1,500	0	0	0	0	1,500	0	0	0
PR-3235B	8042	GPS System Landfil Equipment Replacement (REG)	300	0	150	0	0	0	0	150	0	0	0
	8129	Transfer Station Demolition & Relocation (REG)	200	0	0	0	0	200	0	0	0	0	0
	8130	Transfer Station Study & Construction ()	7,884	784	0	7,100	0	0	0	0	0	0	0
	8131	Container Station Platform Modifications (REG)	1,167	1,167	0	0	0	0	0	0	0	0	0
PR-2741B	8096	Landfill Gas System - Phase2 (REG) (REG)	2,005	65	75	90	55	100	220	30	1,325	45	0
	6997	Solid Waste Management Strategy 2030 (REG)	500	0	0	0	0	0	0	0	0	500	0
PR-3173	6998	Buildings Assessment for Household Hazardous Waste - Study (REG)	20	0	0	0	0	0	0	20	0	0	0
PR-3239	6999	Building Assessment for Household Hazardous Waste - Rehab (REG)	75	0	0	0	0	0	0	0	75	0	0
PR-3079	7874	Asset Management Road Map Implementation (REG)	150	150	0	0	0	0	0	0	0	0	0
	7965	Transfer Station - Building Condition Assessment Study (REG)	50	0	0	0	0	0	0	50	0	0	0
	7966	Transfer Station - Building Condition Assessment Rehab (REG)	150	0	0	0	0	0	0	0	150	0	0
	7967	Closed Landfill Enviornmental Management Plan (REG)	450	0	0	0	0	0	0	150	300	0	0
	6888	Vehicle Replacements - Waste Management (REG)	2,292	0	222	381	27	269	721	34	335	254	49
	8162	transfer station floor upgrades (Reg)	100	100	0	0	0	0	0	0	0	0	0
		Sub-total	47,145	4,149	6,471	10,524	15,532	1,169	1,166	5,041	2,195	799	99
Regulation and Environmental Protection													
	8160	Automated Wheeled Cart Pilot Study (Reg)	610	610	0	0	0	0	0	0	0	0	0
		Sub-total	610	610	0	0	0	0	0	0	0	0	0
		Total Required Financing	47,805	4,809	6,471	10,524	15,532	1,169	1,166	5,041	2,195	799	99

Note: Schedule may not add due to rounding.



Halton Region Budget and Business Plan

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OTHER REGIONAL PROGRAMS

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OTHER REGIONAL PROGRAMS-CAPITAL

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BUDGET & BUSINESS PLAN

2022 OTHER REGIONAL PROGRAMS PROJECT LISTING 2022 (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
Division Sub-total			350	0	350	95	237	0	18	0	0	0
Department Sub-total			350	0	350	95	237	0	18	0	0	0
Health												
Paramedic Services												
	HAM000014	PS Vehicles	1,751	0	1,751	39	289	0	1,423	0	0	0
T6719A	HAM000015	Defibrillators	29	0	29	0	0	0	29	0	0	0
	HAM000018	Power Stretchers	114	0	114	0	0	0	114	0	0	0
Division Sub-total			1,894	0	1,894	39	289	0	1,566	0	0	0
Public Health												
	HO000007	Vaccine Fridges	51	0	51	0	0	0	51	0	0	0
Division Sub-total			51	0	51	0	0	0	51	0	0	0
Department Sub-total			1,945	0	1,945	39	289	0	1,617	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

OTHER REGIONAL PROGRAMS-CAPITAL

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BUDGET & BUSINESS PLAN

2022 OTHER REGIONAL PROGRAMS PROJECT LISTING 2022 (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
<u>Social & Community Services</u>												
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
Services for Seniors												
T7217A	SNR000009	Production Kitchen Equipment	284	0	284	0	0	0	284	0	0	0
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
T7217B	SNR000017	Production Kitchen Post Inn	25	0	25	0	0	0	25	0	0	0
Division Sub-total			959	57	902	0	0	0	902	0	0	0
Department Sub-total			1,009	57	952	0	0	0	952	0	0	0

Note: Schedule may not add due to rounding.



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2022 OTHER REGIONAL PROGRAMS PROJECT LISTING 2022 (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
<u>Strategic Transformation</u>												
Energy, Fleet and Facilities												
T5016A	CSA000004	Region - Accessibility and Security	32	0	32	0	0	0	32	0	0	0
T5021A	CSA000011	Landfill - Rehab & Replacement	100	0	100	0	0	0	100	0	0	0
T5026A	CSA000020	Energy Program	100	0	100	0	0	0	100	0	0	0
T5025G	CSA000062	NOC - HVAC	25	0	25	0	0	0	25	0	0	0
T5032D	CSA000068	WOC - Interior Construction	35	0	35	0	0	0	35	0	0	0
T5032F	CSA000070	WOC - HVAC	38	0	38	0	0	0	38	0	0	0
T5032K	CSA000072	WOC - Site Improvements	13	0	13	0	0	0	13	0	0	0
T5020B	CSA000074	EMS - Station #00	200	0	200	0	0	0	200	0	0	0
T5020D	CSA000076	EMS - Station #04	25	0	25	0	0	0	25	0	0	0
T5020E	CSA000077	EMS - Station #05	170	0	170	0	0	0	170	0	0	0
T5020G	CSA000079	EMS - Station #08	23	0	23	0	0	0	23	0	0	0
T5022B	CSA000081	LTC - Allendale	186	0	186	0	0	0	186	0	0	0
T5022C	CSA000082	LTC - Creek Way	264	0	264	0	0	0	264	0	0	0
T5022D	CSA000083	LTC - Post Inn	170	0	170	0	0	0	170	0	0	0
T5020I	CSA000101	EMS - Station #12	160	0	160	0	0	0	160	0	0	0
T5020L	CSA000104	EMS - Station #06	16	0	16	0	0	0	16	0	0	0
T5048A	CSA000107	Fleet Equipment - Replacement	11	0	11	0	0	0	11	0	0	0
T5017D	CSA000112	Accommodation Strategy - Phase 2	6,000	0	6,000	0	0	0	6,000	0	0	0
T5049A	CSA000113	Strategic Acquisition - Land	2,700	0	2,700	0	0	0	2,700	0	0	0
	CSA000114	Social Housing - Building Condition Asse	520	0	520	0	0	0	520	0	0	0
Division Sub-total			10,788	0	10,788	0	0	0	10,788	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2022 OTHER REGIONAL PROGRAMS PROJECT LISTING 2022 (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
Information Technology												
T5410A	CST000001	Desktop Growth Licensing	36	0	36	0	0	0	36	0	0	0
T5410B	CST000002	ERP Growth Licensing	45	0	45	0	0	0	45	0	0	0
T5460A	CST000006	Technology - Replacement Servers	147	0	147	0	0	0	147	0	0	0
T5460B	CST000007	Technology - Replacement Network	250	0	250	0	0	0	250	0	0	0
T5450A	CST000008	Technology Infrastructure - New	171	0	171	0	0	0	171	0	0	0
T5440A	CST000010	Microcomputer - Replacement	1,078	0	1,078	0	0	0	1,078	0	0	0
T5470B	CST000015	Long Term Care Systems Replacement	50	0	50	0	0	0	50	0	0	0
T5410E	CST000022	Security Infrastructure Growth Licensing	5	0	5	0	0	0	5	0	0	0
T5410F	CST000023	Customer Service Growth Licensing	50	0	50	0	0	0	50	0	0	0
T5410H	CST000024	Collaboration & Doc. Mngt Licensing	92	0	92	0	0	0	92	0	0	0
T5430C	CST000031	Voice New	24	0	24	0	0	0	24	0	0	0
T5450B	CST000033	New Servers	148	0	148	0	0	0	148	0	0	0
T5480A	CST000038	Water Lab Information System	100	0	100	0	0	0	100	0	0	0
T5480C	CST000040	W/WW Application Maintenance	90	0	90	0	0	0	90	0	0	0
T5440C	CST000041	Voice Replacement	240	0	240	0	0	0	240	0	0	0
T5440D	CST000047	PS Mobile Computer Replace	18	0	18	0	0	0	18	0	0	0
T5410J	CST000049	PS Growth Licensing	19	0	19	0	0	0	19	0	0	0
T5460G	CST000069	SCADA Infrastructure/Server Replacement	262	0	262	0	0	0	262	0	0	0
T5471E	CST000070	PS - Dispensing system replacement	70	0	70	0	0	0	70	0	0	0
T5480K	CST000082	Maint. Work Management Replacement	150	0	150	0	0	0	150	0	0	0
T5471H	CST000092	PS - Wireless	16	0	16	0	0	0	16	0	0	0
T5410Q	CST000103	DATS License Growth	3	0	3	0	0	0	3	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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OTHER REGIONAL PROGRAMS-CAPITAL

BUDGET & BUSINESS PLAN

2022 OTHER REGIONAL PROGRAMS PROJECT LISTING 2022 (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
T5471L	CST000108	PS - Dispatch Connectivity	100	0	100	0	0	0	100	0	0	0
T5420E	CST000111	SAP System Upgrade	300	0	300	0	0	0	300	0	0	0
T5420MA	CST000112	GIS System Upgrade	25	0	25	0	0	0	25	0	0	0
	CST000113	DATS Future Upgrade Replacement	200	0	200	0	0	0	200	0	0	0
T5420J	CST000116	Sire Upgrade/Replacement	25	0	25	0	0	0	25	0	0	0
T5420FA	CST000117	Non-Enterprise Systems Upgrade/Replace	75	0	75	0	0	0	75	0	0	0
T5420VA	CST000118	Halton.ca Upgrade/Replacement	150	0	150	0	0	0	150	0	0	0
T5420ED	CST000122	HR Payroll System Improvements	100	0	100	0	0	0	100	0	0	0
T5420MC	CST000123	New Non-Enterprise Systems	100	0	100	0	0	0	100	0	0	0
T5471K	CST000124	Enterprise WorkForce Mgmt - Paramedics	150	0	150	0	0	0	150	0	0	0
T5420EC	CST000125	Enterprise WorkForce Mgmt - Corporate	100	0	100	0	0	0	100	0	0	0
T5471J	CST000128	Information Mgmt - PS Data Warehouse	100	0	100	0	0	0	100	0	0	0
T5420V	CST000132	Halton Central Replacement Phases 2 & 3	100	0	100	0	0	0	100	0	0	0
T5410R	CST000133	Non-Enterprise Systems Growth Licensing	33	0	33	0	0	0	33	0	0	0
T5420MD	CST000138	Enterprise Sytem Enhancements	100	0	100	0	0	0	100	0	0	0
T5420YA	CST000148	DATS Replacement - Phase 2/Phase 3	150	0	150	21	54	0	75	0	0	0
T5420EE	CST000150	Talent Management System	100	0	100	0	0	0	100	0	0	0
	CST000157	Enterprise Risk Management Solution	75	0	75	0	0	0	75	0	0	0
	CST000159	IT Security Systems New	150	0	150	0	0	0	150	0	0	0
	CST000161	Office365 Collaboration & Tool Migration	50	0	50	0	0	0	50	0	0	0
	CST000162	Next Generation - 911	2,500	0	2,500	0	0	0	2,500	0	0	0
Division Sub-total			7,747	0	7,747	21	54	0	7,672	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

OTHER REGIONAL PROGRAM-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Finance													
		Capital & Development Financing											
T5219A	CSB000009	Growth Studies	3,500	350	350	350	350	350	350	350	350	350	350
T52000V	CSB000021	Vehicles	57	0	0	0	30	0	0	27	0	0	0
		Finance	3,557	350	350	350	380	350	350	377	350	350	350
Health													
		Paramedic Services											
	HAM000014	PS Vehicles	27,375	1,751	3,145	1,603	2,411	2,029	3,593	3,528	2,307	2,984	4,024
T6719A	HAM000015	Defibrillators	3,667	29	118	60	1,258	125	128	130	199	135	1,485
	HAM000016	PS Master Plan	175	0	175	0	0	0	0	0	0	0	0
	HAM000018	Power Stretchers	4,434	114	175	60	2,455	309	253	193	197	268	410
		Public Health											
	HO000005	Public Health Vehicle	102	0	0	51	0	0	0	0	0	51	0
	HO000007	Vaccine Fridges	332	51	51	0	17	34	17	0	34	0	128
		Health	36,085	1,945	3,664	1,774	6,141	2,497	3,991	3,851	2,737	3,438	6,047
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
T8022A	PPLN000009	Forest Management Program	200	20	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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
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2022

BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	PPLN000024	Vehicle Replacements - Planning	40	0	0	40	0	0	0	0	0	0	0
	PPLN000025	Regional Official Plan Imp (2024)	800	0	0	0	200	200	200	200	0	0	0
T7103B	PPLN000028	CHS - Assisted Housing Development	100,100	9,450	9,450	11,200	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	PPLN000030	Burloak Waterfront Park	1,150	150	0	1,000	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	2,725	1,725	1,000	0	0	0	0	0	0	0	0
	PPLN000035	Burlington Beach - Hydro Tower	23,000	0	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	174,235	12,845	16,790	45,510	13,220	12,720	21,470	13,720	13,220	12,220	12,520
		Social & Community Services											
		Childrens Services											
T7009A	SCS000002	Capital Improvement Support	500	50	50	50	50	50	50	50	50	50	50
		Services for Seniors											
T7217A	SNR000009	Production Kitchen Equipment	284	284	0	0	0	0	0	0	0	0	0
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
T7217B	SNR000017	Production Kitchen Post Inn	25	25	0	0	0	0	0	0	0	0	0
	SNR000018	LTC - Vehicle Replacement	120	0	0	0	0	0	0	0	0	120	0
		Social & Community Services	7,429	1,009	700	700	700	700	700	700	700	820	700

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

OTHER REGIONAL PROGRAM-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<u>Strategic Transformation</u>													
	Communications & Customer Service												
	CCS000001	Postage Meter Replacement	30	0	0	15	0	0	0	0	15	0	0
	Energy, Fleet and Facilities												
T5014A	CSA000002	Facility Office Space Accommodation	5,750	0	600	600	650	650	650	650	650	650	650
T5016A	CSA000004	Region - Accessibility and Security	932	32	100	100	100	100	100	100	100	100	100
T5018A	CSA000007	Museum - Rehab & Replacement	622	0	59	55	52	56	55	57	92	58	138
T5021A	CSA000011	Landfill - Rehab & Replacement	2,659	100	139	206	127	65	62	673	462	450	375
T5024A	CSA000015	Region - Building Condition Assessments	2,450	0	150	150	150	700	150	150	150	150	700
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	306	0	70	47	87	0	70	32	0	0	0
T5038A	CSA000039	Equipment - Building Sciences Investigat	70	0	35	0	0	0	0	35	0	0	0
T5040A	CSA000043	PS HQ & PW Operations Centre Expansion	31,600	0	0	2,000	0	29,600	0	0	0	0	0
T5042A	CSA000045	Childcare Centres LTC	315	0	35	35	35	35	35	35	35	35	35
T5013Q	CSA000046	HRC - Exterior Closures	1,557	0	6	0	0	0	5	865	0	681	0
T5013C	CSA000047	HRC - Roofing	305	0	0	0	37	120	0	0	0	78	70
T5013D	CSA000048	HRC - Interior Construction	152	0	12	0	5	3	96	36	0	0	0
T5013F	CSA000049	HRC - Interior Finishes	1,202	0	153	0	124	280	300	17	0	0	328
T5013H	CSA000050	HRC - Plumbing	431	0	42	0	228	10	7	44	0	26	74
T5013I	CSA000051	HRC - HVAC	679	0	88	33	94	109	0	32	28	5	290
T5013J	CSA000052	HRC - Fire Protection	70	0	0	0	70	0	0	0	0	0	0
T5013K	CSA000053	HRC - Electrical	796	0	269	72	51	39	2	342	0	0	21
T5013L	CSA000054	HRC - Equipment	176	0	0	0	4	170	0	0	0	2	0
T5013M	CSA000055	HRC - Furnishings	113	0	7	0	51	0	55	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAM-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
T5013O	CSA000056	HRC - Site Improvements	1,513	0	6	740	213	72	476	3	0	3	0
T5025B	CSA000057	NOC - Exterior Closures	10	0	0	10	0	0	0	0	0	0	0
T5025C	CSA000058	NOC - Interior Construction	7	0	0	0	0	0	7	0	0	0	0
T5025E	CSA000060	NOC - Interior Finishes	50	0	50	0	0	0	0	0	0	0	0
T5025F	CSA000061	NOC - Plumbing	21	0	0	0	0	21	0	0	0	0	0
T5025G	CSA000062	NOC - HVAC	180	25	0	58	63	14	0	20	0	0	0
T5025M	CSA000066	NOC - Civil and Mechanical Utilities	80	0	80	0	0	0	0	0	0	0	0
T5032B	CSA000067	WOC - Exterior Closures	129	0	0	0	0	14	20	95	0	0	0
T5032D	CSA000068	WOC - Interior Construction	55	35	0	0	0	4	16	0	0	0	0
T5032E	CSA000069	WOC - Plumbing	27	0	0	0	0	0	11	0	0	16	0
T5032F	CSA000070	WOC - HVAC	266	38	59	0	0	15	106	0	0	48	0
T5032I	CSA000071	WOC - Equipment	30	0	0	0	0	0	4	0	26	0	0
T5032K	CSA000072	WOC - Site Improvements	13	13	0	0	0	0	0	0	0	0	0
T5020B	CSA000074	EMS - Station #00	527	200	55	0	3	30	65	154	0	0	20
T5020C	CSA000075	EMS - Station #02	94	0	0	21	9	2	8	5	26	16	7
T5020D	CSA000076	EMS - Station #04	84	25	19	1	3	10	6	20	0	0	0
T5020E	CSA000077	EMS - Station #05	241	170	7	2	11	3	21	1	0	6	20
T5020F	CSA000078	EMS - Station #07	283	0	48	35	41	20	22	55	31	19	12
T5020G	CSA000079	EMS - Station #08	222	23	8	8	57	18	21	45	26	8	8
T5020H	CSA000080	EMS - Station #10	145	0	2	12	12	6	4	4	31	49	25
T5022B	CSA000081	LTC - Allendale	8,676	186	501	594	688	1,006	1,109	1,655	873	1,852	212
T5022C	CSA000082	LTC - Creek Way	2,839	264	202	60	188	5	24	945	159	541	451
T5022D	CSA000083	LTC - Post Inn	4,624	170	150	148	274	220	235	224	653	1,750	800
T5013G	CSA000086	HRC - Conveying	455	0	435	0	20	0	0	0	0	0	0
T5013N	CSA000087	HRC - Special Construction	8	0	8	0	0	0	0	0	0	0	0
T5032H	CSA000090	WOC - Electrical	53	0	0	0	43	0	10	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAM-CAPITAL

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BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
T5032N	CSA000091	WOC - Interior Finishes	240	0	0	50	0	50	90	50	0	0	0
T5032M	CSA000092	WOC - Furnishings	134	0	0	0	0	0	38	0	96	0	0
T5022E	CSA000093	LTC - IT Room - Allendale	20	0	0	20	0	0	0	0	0	0	0
T5013R	CSA000094	HRC - Civil and Mechanical Utilities	34	0	2	0	0	0	0	0	32	0	0
T5025N	CSA000096	NOC - Electrical Utilities	7	0	0	0	0	0	7	0	0	0	0
T5025O	CSA000097	NOC - Furnishings	38	0	0	0	0	0	38	0	0	0	0
T5032C	CSA000098	WOC - Roofing	366	0	0	0	0	0	16	0	0	0	350
T5020I	CSA000101	EMS - Station #12	252	160	7	4	13	8	5	12	0	39	4
T5020J	CSA000102	EMS - Station #14	20	0	2	0	9	0	4	0	0	5	0
T5020K	CSA000103	EMS - Station #03	151	0	53	30	18	2	19	28	0	1	0
T5020L	CSA000104	EMS - Station #06	221	16	77	4	11	10	30	43	0	30	0
T5020M	CSA000105	EMS - Station #13	52	0	2	5	4	0	18	2	11	10	0
T5020N	CSA000106	EMS - Storage Room	9	0	9	0	0	0	0	0	0	0	0
T5048A	CSA000107	Fleet Equipment - Replacement	203	11	12	12	12	26	26	26	26	26	26
T5025P	CSA000108	NOC - Roofing	30	0	0	0	0	0	0	30	0	0	0
T5032P	CSA000110	WOC - Conveying	90	0	0	0	0	0	0	90	0	0	0
T5013S	CSA000111	HRC - Superstructure	19	0	0	0	0	0	0	0	19	0	0
T5017D	CSA000112	Accommodation Strategy - Phase 2	6,000	6,000	0	0	0	0	0	0	0	0	0
T5049A	CSA000113	Strategic Acquisition - Land	2,700	2,700	0	0	0	0	0	0	0	0	0
	CSA000114	Social Housing - Building Condition Asse	2,160	520	0	0	0	720	0	0	0	920	0
	Information Technology												
T5410A	CST000001	Desktop Growth Licensing	379	36	37	37	38	38	38	38	39	39	39
T5410B	CST000002	ERP Growth Licensing	450	45	45	45	45	45	45	45	45	45	45
T5460A	CST000006	Technology - Replacement Servers	2,026	147	196	210	315	119	189	238	252	210	150
T5460B	CST000007	Technology - Replacement Network	4,625	250	500	535	585	500	500	500	500	255	500
T5450A	CST000008	Technology Infrastructure - New	2,780	171	201	301	301	301	301	301	301	301	301

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAM-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
T5440A	CST000010	Microcomputer - Replacement	12,451	1,078	1,126	1,588	1,421	961	1,196	1,510	1,484	961	1,126
T5470B	CST000015	Long Term Care Systems Replacement	650	50	150	0	50	150	0	50	150	0	50
T5410D	CST000021	GIS Growth Licensing	625	0	350	35	30	35	35	35	35	35	35
T5410E	CST000022	Security Infrastructure Growth Licensing	50	5	5	5	5	5	5	5	5	5	5
T5410F	CST000023	Customer Service Growth Licensing	500	50	50	50	50	50	50	50	50	50	50
T5410H	CST000024	Collaboration & Doc. Mngt Licensing	770	92	70	78	75	75	80	80	80	70	70
T5430C	CST000031	Voice New	474	24	50	50	50	50	50	50	50	50	50
T5440B	CST000032	Printers Replacement	1,882	0	430	128	326	124	195	170	170	169	170
T5450B	CST000033	New Servers	1,690	148	148	148	178	178	178	178	178	178	178
T5460F	CST000037	IT Data Centre	350	0	0	150	100	0	0	100	0	0	0
T5480A	CST000038	Water Lab Information System	875	100	100	100	100	100	25	100	100	50	100
T5480C	CST000040	W/WW Application Maintenance	940	90	100	100	100	100	100	100	100	50	100
T5440C	CST000041	Voice Replacement	2,040	240	400	400	200	200	100	100	200	100	100
T5420N	CST000043	Waste Managment Systems Upgrade	200	0	0	20	80	0	0	0	20	0	80
T5410T	CST000045	Region Aerial Photography	520	0	100	0	105	0	105	0	105	0	105
T5440D	CST000047	PS Mobile Computer Replace	1,298	18	54	500	30	30	30	564	24	24	24
T5410J	CST000049	PS Growth Licensing	260	19	37	10	27	27	27	32	27	27	27
T5420Q	CST000054	Asset Reporting Sys Upgrade/Rplcmt Riva	300	0	150	0	0	0	0	150	0	0	0
T5460G	CST000069	SCADA Infrastructure/Server Replacement	2,520	262	90	188	363	442	412	5	170	179	409
T5471E	CST000070	PS - Dispensing system replacement	470	70	0	0	0	0	0	400	0	0	0
T5471F	CST000072	PS - ePCR System Replacement	240	0	0	0	0	0	0	240	0	0	0
T5480K	CST000082	Maint. Work Management Replacement	850	150	50	50	50	200	200	50	0	50	50
T5471H	CST000092	PS - Wireless	739	16	28	16	258	19	25	22	19	317	19
T5480L	CST000093	PW CMMS Growth Licensing	440	0	120	40	40	40	40	40	40	40	40
T5471I	CST000100	PS - Information Sys. Repl.	210	0	75	30	30	0	0	0	0	0	75
T5410Q	CST000103	DATS License Growth	36	3	3	3	3	4	4	4	4	4	4

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CAPITAL BUDGET

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2022

BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
T5460H	CST000107	Council AV Equip. Repl.	400	0	0	0	200	0	0	0	0	200	0
T5471L	CST000108	PS - Dispatch Connectivity	340	100	0	120	0	0	0	0	120	0	0
	CST000109	Enterprise WFM - PS Upgrade/Replacement	300	0	100	0	0	100	0	0	100	0	0
T5420A	CST000110	Siebel System Upgrade	500	0	100	0	100	0	100	0	100	0	100
T5420E	CST000111	SAP System Upgrade	5,700	300	950	750	1,000	1,000	1,000	500	0	200	0
T5420MA	CST000112	GIS System Upgrade	325	25	0	50	50	0	50	50	0	50	50
	CST000113	DATS Future Upgrade Replacement	1,100	200	25	25	225	25	25	250	25	25	275
T5420FB	CST000114	Microsoft/Office Upgrade	200	0	100	0	0	0	0	100	0	0	0
T5420JB	CST000115	SharePoint Upgrade	225	0	75	0	0	75	0	0	75	0	0
T5420J	CST000116	Sire Upgrade/Replacement	355	25	0	0	75	75	0	0	100	80	0
T5420FA	CST000117	Non-Enterprise Systems Upgrade/Replace	1,100	75	150	125	80	125	85	125	125	85	125
T5420VA	CST000118	Halton.ca Upgrade/Replacement	850	150	100	100	0	100	100	100	0	100	100
T5420ED	CST000122	HR Payroll System Improvements	700	100	0	100	100	100	100	0	100	0	100
T5420MC	CST000123	New Non-Enterprise Systems	1,060	100	75	125	80	125	125	125	125	100	80
T5471K	CST000124	Enterprise WorkForce Mgmt - Paramedics	450	150	0	100	0	0	100	0	0	100	0
T5420EC	CST000125	Enterprise WorkForce Mgmt - Corporate	600	100	0	100	0	100	0	0	300	0	0
T5420MB	CST000127	Information Management - Open Data	450	0	100	100	150	50	0	0	50	0	0
T5471J	CST000128	Information Mgmt - PS Data Warehouse	300	100	100	0	0	0	0	100	0	0	0
T5422I	CST000130	Information Mgmt - Public Works	140	0	0	90	0	0	0	50	0	0	0
T5420JA	CST000131	Integration Platform Upgrd/Rplce-Biztalk	180	0	0	0	0	100	0	0	0	0	80
T5420V	CST000132	Halton Central Replacement Phases 2 & 3	450	100	100	50	0	50	50	0	50	50	0
T5410R	CST000133	Non-Enterprise Systems Growth Licensing	231	33	22	22	22	22	22	22	22	22	22
T5420R	CST000134	IT Service Request & Asset Mgmt Rplce	250	0	100	50	0	0	50	0	0	50	0
T5420U	CST000135	IPFS Replacement	200	0	50	50	0	0	50	0	0	50	0
T5420X	CST000136	Debenture Management System Replacement	200	0	50	50	0	0	50	0	0	50	0
T5420BA	CST000137	AMS Property Mgmt Replacement (Yardi)	200	0	100	100	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAM-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
T5420MD	CST000138	Enterprise Sytem Enhancements	1,035	100	100	100	95	110	110	110	110	100	100
T5420MF	CST000142	Service Access Strategy	1,200	0	300	300	300	300	0	0	0	0	0
T5420YA	CST000148	DATS Replacement - Phase 2/Phase 3	150	150	0	0	0	0	0	0	0	0	0
T5420EE	CST000150	Talent Management System	100	100	0	0	0	0	0	0	0	0	0
	CST000154	Purchasing - System Implementation	200	0	200	0	0	0	0	0	0	0	0
	CST000156	Planning - Employment Survey	100	0	50	50	0	0	0	0	0	0	0
	CST000157	Enterprise Risk Management Solution	75	75	0	0	0	0	0	0	0	0	0
	CST000158	IT Vehicle Replacement	35	0	0	0	0	0	0	0	35	0	0
	CST000159	IT Security Systems New	1,500	150	150	150	150	150	150	150	150	150	150
	CST000160	HRIS – Success Factors	200	0	100	100	0	0	0	0	0	0	0
	CST000161	Office365 Collaboration & Tool Migration	100	50	50	0	0	0	0	0	0	0	0
	CST000162	Next Generation - 911	2,500	2,500	0	0	0	0	0	0	0	0	0
		Strategic Transformation	150,684	18,535	11,621	12,901	11,289	40,763	10,290	13,564	9,426	12,345	9,950
Total Required Financing			372,990	34,684	33,125	61,235	31,730	57,030	36,801	32,212	26,433	29,173	29,567

Note: Schedule may not add due to rounding.



Halton Region Budget and Business Plan

CAPITAL REPORT 2022



HALTON REGIONAL POLICE SERVICE

CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022 HALTON REGIONAL POLICE SERVICE PROJECT LISTING 2022 (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
Halton Regional Police Services												
T6838C	PO000002	Business Applications	600	0	600	0	0	0	600	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	3,060	0	3,060	0	0	0	0	0	479	2,581
T6836D	PO000043	Computer Replacement	550	0	550	0	0	0	550	0	0	0
T6844G	PO000046	Technology Replacements	500	0	500	0	0	0	500	0	0	0
T6844E	PO000047	Network Server Replacements	250	0	250	0	0	0	250	0	0	0
	PO000056	Police Vehicles	2,556	0	2,556	58	149	0	2,349	0	0	0
	PO000064	Vehicle & Body-worn Cameras	200	0	200	0	0	0	200	0	0	0
	PO000067	HRIS System/ERP System	1,000	0	1,000	0	0	0	1,000	0	0	0
	PO000072	Body-Worn Cameras	400	0	400	0	0	0	400	0	0	0
	PO000074	Automatic License Plate Recognition	100	0	100	0	0	0	100	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
	PO000089	ESU - Robot Replacement	170	0	170	0	0	0	170	0	0	0
	PO000094	GPS Portable Phase 2	160	0	160	0	0	0	160	0	0	0
	PO000096	Body Scanner	253	0	253	0	0	0	253	0	0	0
	PO000106	InCar Cam Sys & Video Mgmt Sys Infrstrct	100	0	100	0	0	0	100	0	0	0
	PO000108	Furniture Replacement Program	100	0	100	0	0	0	100	0	0	0
	PO000114	Safety Village	175	0	175	0	0	0	175	0	0	0
	PO000121	NICE System Upgrade	200	0	200	0	0	0	200	0	0	0
	PO000122	Night Vision Equipment	100	0	100	0	0	0	100	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 HALTON REGIONAL POLICE SERVICE FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<u>Halton Regional Police Services</u>													
T6838C	PO000002	Business Applications	5,100	600	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	5,100	3,060	2,040	0	0	0	0	0	0	0	0
T6848A	PO000042	Search & Rescue Vessel (Marine II)	650	0	500	0	0	0	0	0	0	0	150
T6836D	PO000043	Computer Replacement	2,500	550	100	100	250	250	250	250	250	250	250
T6869A	PO000044	Search & Rescue Vessel (Marine I)	650	0	0	150	0	0	500	0	0	0	0
T6844G	PO000046	Technology Replacements	5,900	500	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	0	500	500	0	0	0	0
	PO000056	Police Vehicles	25,071	2,556	2,349	2,518	2,564	2,584	2,500	2,500	2,500	2,500	2,500
	PO000064	Vehicle & Body-worn Cameras	300	200	0	100	0	0	0	0	0	0	0
	PO000067	HRIS System/ERP System	1,000	1,000	0	0	0	0	0	0	0	0	0
	PO000072	Body-Worn Cameras	400	400	0	0	0	0	0	0	0	0	0
	PO000074	Automatic License Plate Recognition	300	100	100	100	0	0	0	0	0	0	0
	PO000078	Public Safety LTE Network Project	3,402	728	728	728	700	518	0	0	0	0	0
	PO000079	Portal Re-design - Future Phases	200	100	100	0	0	0	0	0	0	0	0
	PO000087	CAD 9.4 Upgrade	2,500	0	500	1,000	1,000	0	0	0	0	0	0
	PO000089	ESU - Robot Replacement	170	170	0	0	0	0	0	0	0	0	0
	PO000090	Operational Support Program	500	0	100	0	100	0	100	0	100	0	100
	PO000094	GPS Portable Phase 2	160	160	0	0	0	0	0	0	0	0	0
	PO000095	Intelligence Database	300	0	0	0	100	0	0	100	0	0	100
	PO000096	Body Scanner	253	253	0	0	0	0	0	0	0	0	0
	PO000101	RIS Shared Infrastructure	500	0	0	500	0	0	0	0	0	0	0
	PO000106	InCar Cam Sys & Video Mgmt Sys Infrstrct	200	100	100	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2022

BUDGET & BUSINESS PLAN

2022-2031 HALTON REGIONAL POLICE SERVICE FORECAST PROJECT FORECAST LISTING 2022-2031 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	PO000108	Furniture Replacement Program	500	100	0	100	0	100	0	100	0	100	0
	PO000109	P25 Radio System	200	0	200	0	0	0	0	0	0	0	0
	PO000110	10 Division Renovations	100	0	0	0	0	0	0	0	100	0	0
	PO000111	11 Division Renovations	1,250	0	0	0	0	1,250	0	0	0	0	0
	PO000112	20 Division Renovations	1,000	0	0	0	0	0	1,000	0	0	0	0
	PO000113	30 Division Renovations	1,000	0	0	0	0	0	0	1,000	0	0	0
	PO000114	Safety Village	175	175	0	0	0	0	0	0	0	0	0
	PO000115	Fitness Equipment - 1 District	150	0	0	0	150	0	0	0	0	0	0
	PO000116	Radio Tower Sites - Civil Works	525	0	0	0	150	200	0	0	0	175	0
	PO000117	District Office Space Re-Alignments	600	0	200	0	0	200	0	0	200	0	0
	PO000118	Armoured Rescue Vehicle Replacement	400	0	0	0	0	0	0	0	0	400	0
	PO000119	Unknown Substance Tester	100	0	0	0	100	0	0	0	0	0	0
	PO000120	X-Ray Machine & Equipment	150	0	0	0	0	150	0	0	0	0	0
	PO000121	NICE System Upgrade	200	200	0	0	0	0	0	0	0	0	0
	PO000122	Night Vision Equipment	400	100	100	100	100	0	0	0	0	0	0
	PO000123	Interview Room Equipment Replacement	200	0	0	0	200	0	0	0	0	0	0
	PO000124	MCU #1	1,600	100	0	0	0	0	1,500	0	0	0	0
	PO000125	MCU #2	100	0	100	0	0	0	0	0	0	0	0
	PO000126	3D Field Scanner Replacement	200	100	0	0	0	0	0	0	0	100	0
	PO000127	Data Evidence Storage	200	0	0	100	0	0	0	100	0	0	0
	PO000128	Video Data Storage	200	0	0	0	100	0	0	0	100	0	0
	PO000129	HQ Vacant Space Re-Alignment	500	0	500	0	0	0	0	0	0	0	0
	PO000130	P25 Portable Radio Replacement	2,600	0	0	0	2,600	0	0	0	0	0	0
	PO000131	P25/LTE Backhaul Replacement	1,400	0	0	1,400	0	0	0	0	0	0	0
Total Required Financing			74,905	11,752	9,317	8,496	9,714	7,352	7,950	5,650	4,850	5,125	4,700

Note: Schedule may not add due to rounding.



Halton Region Budget and Business Plan

CAPITAL REPORT 2022

WATER & WASTEWATER - CAPITAL

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2022
BUDGET & BUSINESS PLAN

2022 - 2031 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
2022 Non-Development Programs										
Water	67,020	1,235	65,785	0	0	0	65,785	0	0	0
Wastewater	65,893	0	65,893	0	0	0	65,893	0	0	0
Sub-total	132,913	1,235	131,678	0	0	0	131,678	0	0	0
Development Programs										
Water	27,843	0	27,843	0	20,689	0	0	7,154	0	0
Wastewater	45,229	0	45,229	0	33,581	0	0	11,648	0	0
Sub-total	73,072	0	73,072	0	54,270	0	0	18,802	0	0
TOTAL 2022	205,985	1,235	204,750	0	54,270	0	131,678	18,802	0	0
2023 Non-Development Programs										
Water	76,451	1,235	75,216	0	0	0	75,216	0	0	0
Wastewater	91,455	0	91,455	0	0	0	91,455	0	0	0
Sub-total	167,906	1,235	166,671	0	0	0	166,671	0	0	0
Development Programs										
Water	23,253	0	23,253	0	16,998	0	57	6,198	0	0
Wastewater	14,578	0	14,578	0	6,477	0	5,977	2,124	0	0
Sub-total	37,831	0	37,831	0	23,475	0	6,034	8,322	0	0
TOTAL 2023	205,737	1,235	204,502	0	23,475	0	172,705	8,322	0	0
2024 Non-Development Programs										
Water	71,858	1,235	70,623	0	0	0	70,623	0	0	0
Wastewater	72,347	0	72,347	0	0	0	72,347	0	0	0
Sub-total	144,205	1,235	142,970	0	0	0	142,970	0	0	0
Development Programs										
Water	128,835	0	128,835	0	99,601	0	2,341	26,893	0	0
Wastewater	92,912	0	92,912	0	48,222	0	27,024	17,666	0	0
Sub-total	221,747	0	221,747	0	147,823	0	29,365	44,559	0	0
TOTAL 2024	365,952	1,235	364,717	0	147,823	0	172,335	44,559	0	0
2025 Non-Development Programs										
Water	44,024	1,235	42,789	0	0	0	42,789	0	0	0
Wastewater	67,176	0	67,176	0	0	0	67,176	0	0	0
Sub-total	111,200	1,235	109,965	0	0	0	109,965	0	0	0
Development Programs										
Water	74,553	0	74,553	0	54,520	0	229	19,804	0	0
Wastewater	172,863	0	172,863	0	95,939	0	40,976	35,948	0	0
Sub-total	247,416	0	247,416	0	150,459	0	41,205	55,752	0	0
TOTAL 2025	358,616	1,235	357,381	0	150,459	0	151,170	55,752	0	0

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2022
BUDGET & BUSINESS PLAN

2022 - 2031 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
2026 Non-Development Programs										
Water	59,833	1,235	58,598	0	0	0	58,598	0	0	0
Wastewater	54,896	0	54,896	0	0	0	54,896	0	0	0
Sub-total	114,729	1,235	113,494	0	0	0	113,494	0	0	0
Development Programs										
Water	275,518	0	275,518	0	199,757	0	9,365	66,396	0	0
Wastewater	208,506	0	208,506	0	113,394	0	54,004	41,108	0	0
Sub-total	484,024	0	484,024	0	313,151	0	63,369	107,504	0	0
TOTAL 2026	598,753	1,235	597,518	0	313,151	0	176,863	107,504	0	0
2027 Non-Development Programs										
Water	35,711	1,235	34,476	0	0	0	34,476	0	0	0
Wastewater	81,476	0	81,476	0	0	0	81,476	0	0	0
Sub-total	117,187	1,235	115,952	0	0	0	115,952	0	0	0
Development Programs										
Water	12,843	0	12,843	0	9,822	0	0	3,021	0	0
Wastewater	6,061	0	6,061	0	4,371	0	0	1,690	0	0
Sub-total	18,904	0	18,904	0	14,193	0	0	4,711	0	0
TOTAL 2027	136,091	1,235	134,856	0	14,193	0	115,952	4,711	0	0
2028 Non-Development Programs										
Water	50,292	1,235	49,057	0	0	0	49,057	0	0	0
Wastewater	78,673	0	78,673	0	0	0	78,673	0	0	0
Sub-total	128,965	1,235	127,730	0	0	0	127,730	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	155,552	1,235	154,317	0	22,955	0	127,730	3,632	0	0
2029 Non-Development Programs										
Water	58,041	1,235	56,806	0	0	0	56,806	0	0	0
Wastewater	76,188	0	76,188	0	0	0	76,188	0	0	0
Sub-total	134,229	1,235	132,994	0	0	0	132,994	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	168,651	1,235	167,416	0	18,379	0	142,421	6,616	0	0

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2022
BUDGET & BUSINESS PLAN

2022 - 2031 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
2030 Non-Development Programs										
Water	53,977	1,235	52,742	0	0	0	52,742	0	0	0
Wastewater	97,680	0	97,680	0	0	0	97,680	0	0	0
Sub-total	151,657	1,235	150,422	0	0	0	150,422	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	155,204	1,235	153,969	0	3,281	0	150,422	266	0	0
2031 Non-Development Programs										
Water	43,912	1,235	42,677	0	0	0	42,677	0	0	0
Wastewater	120,353	0	120,353	0	0	0	120,353	0	0	0
Sub-total	164,265	1,235	163,030	0	0	0	163,030	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	260,606	1,235	259,371	0	52,357	0	200,740	6,274	0	0
TOTAL Non-Development Programs										
Water	561,119	12,350	548,769	0	0	0	548,769	0	0	0
Wastewater	806,137	0	806,137	0	0	0	806,137	0	0	0
Sub-total	1,367,256	12,350	1,354,906	0	0	0	1,354,906	0	0	0
Development Programs										
Water	590,084	0	590,084	0	441,434	0	11,992	136,658	0	0
Wastewater	653,807	0	653,807	0	358,909	0	175,118	119,780	0	0
Sub-total	1,243,891	0	1,243,891	0	800,343	0	187,110	256,438	0	0
TOTAL 2022-2031	2,611,147	12,350	2,598,797	0	800,343	0	1,542,016	256,438	0	0

Note: Schedule may not add due to rounding.

Halton Region Budget and Business Plan

CAPITAL REPORT 2022

WATER NON-DEVELOPMENT

CAPITAL BUDGET

2022

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT			2022 WATER SYSTEM PROJECT LISTING 2022 (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-3402	8070	Silvercreek WM (ENH) (HHGEO)	620	0	0	0	0	620	0	0	0
PR-3233F	8121	Halton Regional Drinking Water System - Operational Control Centre (OAK)	700	0	0	0	0	700	0	0	0
PR-3319	7898	Water - Treatment Plant Optimization Studies (REG)	20	0	0	0	0	20	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			2,575	1,235	0	0	0	1,340	0	0	0
Enhanced Levels of Service											
PR-3337	7976	New WM for 8th line (Wildwood Estates) (HHGEO)	158	0	0	0	0	158	0	0	0
PR-3401	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 th	915	0	0	0	0	915	0	0	0
	7007	Vehicle - New - Water (REG)	205	0	0	0	0	205	0	0	0
PR-3360	7989	Oak Ridges Moraine Groundwater Program (REG)	240	0	0	0	0	240	0	0	0
Sub-total			1,518	0	0	0	0	1,518	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT			2022 WATER SYSTEM PROJECT LISTING 2022 (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
<u>Maintain Current Levels of Service</u>											
PR-2946B	5993	200mm WM on Flatt Rd. from Waterdown Rd. to 35 meter west of Flatt Rd. intersection (BUR) (RR)	1,511	0	0	0	0	1,511	0	0	0
PR-2946B	6284	150mm WM on Ireson Rd. from Waterdown Rd. to End (BUR) (RR)	446	0	0	0	0	446	0	0	0
PR-2946B	6946	300mm WM on Waterdown Road from Mountainbrow Rd to Waterdown BS (BUR) (RR)	4,501	0	0	0	0	4,501	0	0	0
PR-3311	7104	300mm WM on Palmer Drive from Guelph Line to Centennial Dr (BUR) (RR)	2,254	0	0	0	0	2,254	0	0	0
PR-3353	7414	Headon Reservoir and Rechlorination Facility Capital Project (BUR)	243	0	0	0	0	243	0	0	0
PR-3150	7462	300mm WM on Waterdown Road from Waterdown Booster Station to 50m south of Craven Avenue (BUR) (RR)	1,348	0	0	0	0	1,348	0	0	0
PR-3313	7562	150mm WM on Wicklow Road from Limerick Road to 40m south of Belfast Street (ID 6274) 150mm WM on from Wicklow Road to Tipperary Ave (BUR) (RR) (WWM)	1,227	0	0	0	0	1,227	0	0	0
PR-3343	7615	Decommissioning of the Mount Forest Reservoir and Booster Station (BUR)	1,870	0	0	0	0	1,870	0	0	0
PR-3358	7822	Burlington WTP - Surge Protection Upgrades (BUR)	350	0	0	0	0	350	0	0	0
PR-3311	7899	150mm WM on Autumn Hill Cres. from Snowhill Ct. to Driftwood Dr. 150mm WM on Driftwood Dr. from Autumn Hill Cres. to Hemlock Ct. (BUR)	2,320	0	0	0	0	2,320	0	0	0
PR-3352	7973	300mm WM on Dundas St from Beaufort Reservoir to 216M East (BUR)	240	0	0	0	0	240	0	0	0
PR-3358	7984	Burlington WTP - Primary Power Replacement (BUR)	450	0	0	0	0	450	0	0	0
PR-3358	7993	Burlington WTP - Roof Rehabilitation (BUR)	240	0	0	0	0	240	0	0	0
PR-3403	8076	WM on Hertel Cres from Dequincy Cres to Royal Dr (BUR)	417	0	0	0	0	417	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2022 WATER SYSTEM PROJECT LISTING 2022 (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-3422	8107	Burlington WTP - Ozone Generator PSU Upgrade (BUR)	715	0	0	0	0	715	0	0	0
PR-3401	8077	WM on Main St S from Church St to 100m south of Kingham Road (HHACT)	638	0	0	0	0	638	0	0	0
PR-3337	7620	150mm WM on Ontario Street from Ewing Street to 100m North (HHGEO) (WWM)	158	0	0	0	0	158	0	0	0
PR-3407	8066	WM on Trafalgar Road from No 17siderd/Maple Ave to Northerly (~ 765m) ()	684	0	0	0	0	684	0	0	0
PR-2907	6199	300mm WM on McGeachie Drive from Harrop Drive to End (MIL) (RR) (WWM)	224	0	0	0	0	224	0	0	0
PR-2907	6250	300mm WM on Harrop Dr. from Steeles Avenue to Highway 401 (MIL)	224	0	0	0	0	224	0	0	0
PR-3406	8074	Decommissioning of the Nipissing Road BWS and abandoning 180 m WM in Easement between Nipissing Road and Childs Dr. (MIL)	501	0	0	0	0	501	0	0	0
PR-3427	8113	Walker's Line Well Field - Decommissioning Plan (MIL)	400	0	0	0	0	400	0	0	0
PR-3010	7079	150mm WM on Churchill Ave from Leighland Ave to North Service Road (OAK) (WWM)	643	0	0	0	0	643	0	0	0
PR-3010	7178	150mm WM on Bomorda Drive from Leighland Ave. to Germorda Dr. (OAK)	662	0	0	0	0	662	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
PR-3412	7626	Eight Line Zone 4 Booster Station, Reservoir & Rechlorination Facility Renewal (OAK)	838	0	0	0	0	838	0	0	0
PR-2792C	7636	Davis Road Booster Station Renewal (OAK)	11,942	0	0	0	0	11,942	0	0	0
PR-3282	7807	Oakville WTP - Low Lift and Filter Structural Rehabilitation (OAK)	480	0	0	0	0	480	0	0	0
PR-3282	7816	Oakville WTP - Electrical Replacement (OAK)	2,976	0	0	0	0	2,976	0	0	0
	7920	300mm WM on Speers Road from Fourth Line to Morden Road (OAK)	7,190	0	0	0	0	7,190	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2022 WATER SYSTEM PROJECT LISTING 2022 (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-3282	7978	Oakville WTP - Laboratory Upgrades (OAK)	500	0	0	0	0	500	0	0	0
PR-3282	7980	Oakville WTP - Roof Rehabilitation (OAK)	540	0	0	0	0	540	0	0	0
	8082	WM on McCraney St W and side streets (OAK)	1,000	0	0	0	0	1,000	0	0	0
PR-3420	8106	Oakville WTP - Disinfection - Ozone Generator Re-build (OAK)	741	0	0	0	0	741	0	0	0
PR-3421	8120	Burloak WTP - Disinfection - Ozone Generator Re-build and Controller Upgrade (OAK)	218	0	0	0	0	218	0	0	0
PR-3421	8127	Oakville WTP - Disinfection - Ozone PSU Upgrade (OAK)	319	0	0	0	0	319	0	0	0
	6889	Vehicle Replacements (Existing)- Water (REG)	1,120	0	0	0	0	1,120	0	0	0
PR-3248	7630	Shut-Off Valve Replacement Program (REG)	100	0	0	0	0	100	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)	500	0	0	0	0	500	0	0	0
PR-3079B	7785	Asset Management Roadmap Implementation - SP4 (REG)	150	0	0	0	0	150	0	0	0
PR-3276	7797	SCADA Master Plan Implementation - Water (REG)	110	0	0	0	0	110	0	0	0
PR-3293	7834	Integrated Linear Infrastructure Engineering Design Guidelines and Standard Drawings Manual. (REG)	70	0	0	0	0	70	0	0	0
PR-3317	7875	Monitoring Well Replacement Program (REG)	15	0	0	0	0	15	0	0	0
PR-3320	7891	Water - New Maintenance Facility (REG)	2,175	0	0	0	0	2,175	0	0	0
PR-3349	7915	Regional Lab Equipment - Water (REG)	37	0	0	0	0	37	0	0	0
PR-3375	7988	Water Quality Sampling Study to Support the Georgetown Lake-Based Transfer (REG)	100	0	0	0	0	100	0	0	0
	8012	Brant St Reservoir Repairs and Roof Waterproofing Membrane (REG)	5,500	0	0	0	0	5,500	0	0	0
PR-3289D	8024	Intermediate Meter Replacement - Planned (REG)	145	0	0	0	0	145	0	0	0
PR-3289C	8026	Large Meter Replacement - Planned (REG)	470	0	0	0	0	470	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2022 WATER SYSTEM PROJECT LISTING 2022 (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-3289E	8028	Small Meter Replacement - Planned (REG)	237	0	0	0	0	237	0	0	0
	8102	Beeney Creek Stream Flow Gauges (REG)	30	0	0	0	0	30	0	0	0
PR-3415	8116	Water Treatment - Maintainability Risk Water Quality Assets (REG)	750	0	0	0	0	750	0	0	0
PR-3233E	8117	Water Treatment Maintenance Capital - 2022 (REG)	1,000	0	0	0	0	1,000	0	0	0
	8119	Water Treatment Plants - Ozone Generator Instrumentation Upgrades and Spares Inventory (REG)	265	0	0	0	0	265	0	0	0
PR-3416	8124	Water Treatment Plants - Ambient Ozone Analyzer Replacements (REG)	685	0	0	0	0	685	0	0	0
	8132	Construction Survey Equipment - Water (REG)	8	0	0	0	0	8	0	0	0
Sub-total			62,927	0	0	0	0	62,927	0	0	0
Total			67,020	1,235	0	0	0	65,785	0	0	0
Summary											
		Efficiency and Optimization	2,575	1,235	0	0	0	1,340	0	0	0
		Enhanced Levels of Service	1,518	0	0	0	0	1,518	0	0	0
		Maintain Current Levels of Service	62,927	0	0	0	0	62,927	0	0	0
Grand Total			67,020	1,235	0	0	0	65,785	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Efficiency and Optimization													
PR-3402	8070	Silvercreek WM (ENH) (HHGEO)	1,451	620	0	831	0	0	0	0	0	0	0
PR-3233F	8121	Halton Regional Drinking Water System - Operational Control Centre (OAK)	700	700	0	0	0	0	0	0	0	0	0
PR-3319	7898	Water - Treatment Plant Optimization Studies (REG)	820	20	100	100	100	100	100	100	100	100	0
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	15,321	2,575	1,335	2,166	1,335	1,335	1,335	1,335	1,335	1,335	1,235
Enhanced Levels of Service													
	8064	Harvester / Queensway Corridor (Enhancement) (BUR)	12,000	0	0	2,000	0	10,000	0	0	0	0	0
	8099	Replacement of WM on Cavendish Dr., BURL (Enhancement) (BUR)	2,371	0	746	0	1,625	0	0	0	0	0	0
PR-3337	7976	New WM for 8th line (Wildwood Estates) (HHGEO)	1,502	158	1,344	0	0	0	0	0	0	0	0
PR-3401	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 th	5,952	915	915	0	4,122	0	0	0	0	0	0
	8068	WM on Laurier Ave (ENH) (MIL)	6,922	0	0	2,005	0	4,917	0	0	0	0	0
PR-3355	7974	Supply and redundancy to Oakville Zone 3 and 2A (OAK)	3,603	0	3,603	0	0	0	0	0	0	0	0
	8065	Bridge . Sherwin (Enhancement) (OAK)	6,700	0	1,200	0	5,500	0	0	0	0	0	0
	7007	Vehicle - New - Water (REG)	410	205	0	0	0	0	0	0	205	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3360	7989	Oak Ridges Moraine Groundwater Program (REG)	2,850	240	250	260	270	280	290	300	310	320	330
		Sub-total	42,310	1,518	8,058	4,265	11,517	15,197	290	300	515	320	330
Maintain Current Levels of Service													
	4525	Replacement of WM on Hampton Heath Rd from New St. to Windermere Dr (BUR)	2,145	0	494	0	1,651	0	0	0	0	0	0
PR-2946B	5993	200mm WM on Flatt Rd. from Waterdown Rd. to 35 meter west of Flatt Rd. intersection (BUR) (RR)	1,511	1,511	0	0	0	0	0	0	0	0	0
PR-3310	6074	200mm WM on Linmouth Tr. from Falmouth Tr. to Faversham Ave. (BUR)	986	0	0	986	0	0	0	0	0	0	0
	6262	Replacement of WM on Mainway from Guelph Line to Walkers Line (BUR) (RR)	8,692	0	0	1,559	0	7,133	0	0	0	0	0
PR-2946B	6284	150mm WM on Ireson Rd. from Waterdown Rd. to End (BUR) (RR)	446	446	0	0	0	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	0	2,210	0	0	0	0	0	0	0
	6295	200mm WM on Francis Rd. from Glenview Ave. to Plains Rd. (BUR)	3,983	0	735	0	3,248	0	0	0	0	0	0
PR-3310	6303	300mm WM on Havendale Blvd. from Brant St to End (BUR)	4,172	0	0	4,172	0	0	0	0	0	0	0
PR-2946B	6946	300mm WM on Waterdown Road from Mountainbrow Rd to Waterdown BS (BUR) (RR)	4,501	4,501	0	0	0	0	0	0	0	0	0
PR-3311	7104	300mm WM on Palmer Drive from Guelph Line to Centennial Dr (BUR) (RR)	2,254	2,254	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	4,868	0	4,868	0	0	0	0	0	0	0	0
PR-3353	7414	Headon Reservoir and Rechlorination Facility Capital Project (BUR)	2,848	243	2,605	0	0	0	0	0	0	0	0
PR-3150	7462	300mm WM on Waterdown Road from Waterdown Booster Station to 50m south of Craven Avenue (BUR) (RR)	1,348	1,348	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3313	7562	150mm WM on Wicklow Road from Limerick Road to 40m south of Belfast Street (ID 6274) 150mm WM on from Wicklow Road to Tipperary Ave (BUR) (RR) (WWM)	1,227	1,227	0	0	0	0	0	0	0	0	0
PR-3343	7615	Decommissioning of the Mount Forest Reservoir and Booster Station (BUR)	1,870	1,870	0	0	0	0	0	0	0	0	0
	7710	Vertical Water - Water Purification Plants - Burlington WPP (BUR)	82,675	0	0	0	0	8,195	9,136	12,493	22,081	16,991	13,779
PR-3219	7735	300mm WM on Prospect Street and Guelph Line Intersection (BUR) (RR)	294	0	0	294	0	0	0	0	0	0	0
PR-3215	7742	300mm WM on James Street from Martha St to Brant St (BUR) (RR)	1,200	0	0	0	1,200	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	0	1,312	0	0	0	0	0	0	0
PR-3358	7822	Burlington WTP - Surge Protection Upgrades (BUR)	1,850	350	0	1,500	0	0	0	0	0	0	0
	7871	New Watermain Installation on North Service Road from Brant Street to Kerns Road (BUR)	2,232	0	326	0	1,906	0	0	0	0	0	0
PR-3311	7899	150mm WM on Autumn Hill Cres. from Snowhill Ct. to Driftwood Dr. 150mm WM on Driftwood Dr. from Autumn Hill Cres. to Hemlock Ct. (BUR)	2,320	2,320	0	0	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	0	713	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	0	11,348	0	0	0	0	0	0	0
PR-3352	7973	300mm WM on Dundas St from Beaufort Reservoir to 216M East (BUR)	1,075	240	0	0	835	0	0	0	0	0	0
PR-3358	7984	Burlington WTP - Primary Power Replacement (BUR)	2,950	450	0	2,500	0	0	0	0	0	0	0
PR-3358	7993	Burlington WTP - Roof Rehabilitation (BUR)	1,504	240	0	1,264	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	8000	Replacement of WM Drury Lane from Orpha St (Chamber ID 7832) to southside of the control valve ID # 358464 (BUR) (RR) (WWM)	1,921	0	447	0	1,474	0	0	0	0	0	0
PR-3146	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	0	3,942	0	0	0	0	0	0	0
PR-3403	8076	WM on Hertel Cres from Dequincy Cres to Royal Dr (BUR)	1,496	417	0	1,079	0	0	0	0	0	0	0
	8088	WM on Innswood Dr from Moss Glen Road to Parkway Dr (BUR)	1,381	0	0	406	0	975	0	0	0	0	0
	8092	Taylor Cres (Enhancement) (BUR)	920	0	382	0	538	0	0	0	0	0	0
PR-3422	8107	Burlington WTP - Ozone Generator PSU Upgrade (BUR)	4,030	715	0	3,315	0	0	0	0	0	0	0
	7703	Vertical Water - Water Purification Plants - Prospect Park (HHACT)	1,306	0	0	0	0	259	189	117	243	280	218
	7709	Vertical Water - Water Purification Plants - Fourth Line (HHACT)	689	0	0	0	0	87	74	206	94	113	115
	7711	Vertical Water - Water Purification Plants - Davidson (HHACT)	847	0	0	0	0	104	88	265	111	138	141
PR-3346	7905	150mm WM on Reid Crt from Rexway Dr to End (HHACT) (WWM)	421	0	421	0	0	0	0	0	0	0	0
PR-3401	8077	WM on Main St S from Church St to 100m south of Kingham Road (HHACT)	3,321	638	0	2,683	0	0	0	0	0	0	0
	6001	150mm WM on Marilyn Cr. from Torino Gt. to Torino Gt (HHGEO) (WWM)	2,712	0	584	0	2,128	0	0	0	0	0	0
PR-3346	6070	200mm WM on Pennington Cr. from Mountainview Rd. to End (HHGEO)	1,613	0	1,613	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	0	6,738	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	1,581	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3337	7620	150mm WM on Ontario Street from Ewing Street to 100m North (HHGEO) (WWM)	423	158	265	0	0	0	0	0	0	0	0
	7704	Vertical Water - Water Purification Plants - Princess Anne (HHGEO)	4,491	0	0	0	0	429	394	1,791	486	642	749
	7706	Vertical Water - Water Purification Plants - North WPP Georgetown (HHGEO)	3,742	0	0	0	0	372	451	1,106	540	649	624
	7707	Vertical Water - Water Purification Plants - Lindsay Court (HHGEO)	1,968	0	0	0	0	334	307	309	324	366	328
PR-3407	8066	WM on Trafalgar Road from No 17siderd/Maple Ave to Northerly (~ 765m) ()	3,980	684	0	3,296	0	0	0	0	0	0	0
	8084	WM on Faludon Dr from Delrex Blvd to Delrex Blvd. (HHS)	2,559	0	560	0	1,999	0	0	0	0	0	0
PR-2907	6199	300mm WM on McGeachie Drive from Harrop Drive to End (MIL) (RR) (WWM)	224	224	0	0	0	0	0	0	0	0	0
PR-2907	6250	300mm WM on Harrop Dr. from Steeles Avenue to Highway 401 (MIL)	224	224	0	0	0	0	0	0	0	0	0
	7702	Vertical Water - Water Purification Plants - Walkers Line (MIL)	1,804	0	0	0	0	395	280	54	369	405	301
	7708	Vertical Water - Water Purification Plants - Kelso (MIL)	3,565	0	0	0	0	164	124	1,712	429	542	594
	7712	Vertical Water - Water Purification Plants - Campbellville (MIL)	316	0	0	0	0	36	32	96	45	54	53
PR-3315	7873	200mm WM on Maple Ave from West of Thompson Rd North to Woodward Ave (MIL) (RR)	1,362	0	1,362	0	0	0	0	0	0	0	0
	7982	Kelso WTP - Entrance Road Resurfacing from Tremaine Road to Plant (MIL)	335	0	0	335	0	0	0	0	0	0	0
PR-3406	8074	Decommissioning of the Nipissing Road BWS and abandoning 180 m WM in Easement between Nipissing Road and Childs Dr. (MIL)	501	501	0	0	0	0	0	0	0	0	0
	8079	WM on Steeles Ave from East of Esquesing to Harrop (MIL)	5,013	0	0	1,538	0	3,475	0	0	0	0	0
PR-3427	8113	Walker's Line Well Field - Decommissioning Plan (MIL)	900	400	500	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
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)	746	0	746	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)	2,424	0	549	0	1,875	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	550	0	0	0	0	0	0	0	0
	6269	150mm WM on Devon Rd. from Donnybrook Rd. to Brookmille Rd. (OAK)	6,000	0	0	1,000	0	5,000	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	1,975	0	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)	1,477	0	1,477	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	870	0	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	0	4,779	0	0	0	0	0	0	0	0
PR-3010	7079	150mm WM on Churchill Ave from Leighland Ave to North Service Road (OAK) (WWM)	643	643	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)	4,201	0	4,201	0	0	0	0	0	0	0	0
PR-3010	7178	150mm WM on Bomorda Drive from Leighland Ave. to Germorda Dr. (OAK)	662	662	0	0	0	0	0	0	0	0	0
PR-3344	7298	Eighth Line Zone 3 Booster Station and Yard Piping Renewal (OAK)	2,084	0	2,084	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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3413	7623	Capital Needs Assessment for Booster Stations and Reservoirs located in Oakville (OAK)	700	350	0	0	0	0	350	0	0	0	0
	7624	150mm WM on St. Augustine Drive from Speers Road to Elmwood Road (OAK)	1,584	0	426	0	1,158	0	0	0	0	0	0
PR-3412	7626	Eight Line Zone 4 Booster Station, Reservoir & Rechlorination Facility Renewal (OAK)	5,522	838	0	4,684	0	0	0	0	0	0	0
PR-2792C	7636	Davis Road Booster Station Renewal (OAK)	11,942	11,942	0	0	0	0	0	0	0	0	0
PR-3314	7695	150mm WM on Secord Avenue from Sherin Drive to Sandhurst Drive (OAK)	654	0	654	0	0	0	0	0	0	0	0
	7705	Vertical Water - Water Purification Plants - Oakville WPP (OAK)	19,211	0	0	0	0	77	1,995	6,449	4,222	3,266	3,202
	7713	Vertical Water - Water Purification Plants - Burloak WPP (OAK)	21,788	0	0	0	0	0	1,051	7,349	4,200	4,830	4,358
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)	822	0	822	0	0	0	0	0	0	0	0
PR-3282	7807	Oakville WTP - Low Lift and Filter Structural Rehabilitation (OAK)	480	480	0	0	0	0	0	0	0	0	0
PR-3282	7816	Oakville WTP - Electrical Replacement (OAK)	2,976	2,976	0	0	0	0	0	0	0	0	0
	7920	300mm WM on Speers Road from Fourth Line to Morden Road (OAK)	7,190	7,190	0	0	0	0	0	0	0	0	0
PR-3282	7978	Oakville WTP - Laboratory Upgrades (OAK)	500	500	0	0	0	0	0	0	0	0	0
PR-3282	7980	Oakville WTP - Roof Rehabilitation (OAK)	540	540	0	0	0	0	0	0	0	0	0
PR-3366	8005	Burloak WTP - Dehumidification and Building Automation System (BAS) Upgrades (OAK)	1,600	0	1,600	0	0	0	0	0	0	0	0
PR-3314	8013	200mm WM on Marine Dr from East St to Third Line (OAK)	4,900	0	4,900	0	0	0	0	0	0	0	0
	8082	WM on McCraney St W and side streets (OAK)	9,127	1,000	8,127	0	0	0	0	0	0	0	0
	8090	WM Trafalgar/Cornwall Intersection (OAK)	1,146	0	391	0	755	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2022-2031 WATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	8091	WM on Allan St from Pine Ave to Easement North of Cornwall Road (OAK)	985	0	388	0	597	0	0	0	0	0	0
PR-3420	8106	Oakville WTP - Disinfection - Ozone Generator Re-build (OAK)	741	741	0	0	0	0	0	0	0	0	0
PR-3421	8120	Burloak WTP - Disinfection - Ozone Generator Re-build and Controller Upgrade (OAK)	1,260	218	0	1,042	0	0	0	0	0	0	0
PR-3421	8127	Oakville WTP - Disinfection - Ozone PSU Upgrade (OAK)	3,214	319	0	2,895	0	0	0	0	0	0	0
	6889	Vehicle Replacements (Existing)- Water (REG)	9,466	1,120	858	771	348	782	1,123	1,279	902	1,332	951
PR-3116	7286	Region wide Air Release Valve Chamber Venting retrofits Program for mains 400mm and larger (REG)	1,234	0	617	617	0	0	0	0	0	0	0
	7463	Capital Needs Assessment for Booster Stations and Reservoirs located in Burlington (REG)	250	0	250	0	0	0	0	0	0	0	0
PR-3371	7464	Capital Needs Assessments for Booster Stations and Reservoirs located in Milton and Halton Hills (REG)	320	0	320	0	0	0	0	0	0	0	0
PR-3248	7630	Shut-Off Valve Replacement Program (REG)	1,180	100	360	360	360	0	0	0	0	0	0
PR-3332	7635	Water System Pressure & Flow Monitoring Program (REG)	400	100	100	100	100	0	0	0	0	0	0
PR-3249	7664	Water Maintenance Capital (System Services) (REG)	3,500	500	500	500	500	500	500	500	0	0	0
	7701	Vertical Water Life Cycle Model - Wells (REG)	218	0	0	0	0	35	32	40	35	40	36
	7715	Watermain Renewals - 150 mm Cast Iron Cohort (REG)	64,417	0	0	0	0	8,477	8,711	7,631	13,382	15,389	10,827
	7726	Other Public Works Assets - Water (REG)	2,052	0	0	0	0	332	332	332	332	382	342
	7727	Vertical Water - Tower (REG)	971	0	0	0	0	109	96	297	143	164	162
	7728	Vertical Water - Reservoirs (REG)	7,452	0	0	0	0	263	1,052	1,828	1,427	1,640	1,242
	7729	Vertical Water - Pump Stations (REG)	10,762	0	0	0	0	1,250	1,872	1,456	2,042	2,348	1,794
	7730	Vertical Water - Bulk Water Stations (REG)	27	0	0	0	0	16	11	0	0	0	0
PR-3079B	7785	Asset Management Roadmap Implementation - SP4 (REG)	500	150	200	150	0	0	0	0	0	0	0
PR-3276	7797	SCADA Master Plan Implementation - Water (REG)	18,940	110	250	5,570	8,090	620	3,430	230	410	230	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WATER FORECAST													
PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3293	7834	Integrated Linear Infrastructure Engineering Design Guidelines and Standard Drawings Manual. (REG)	70	70	0	0	0	0	0	0	0	0	0
PR-3317	7875	Monitoring Well Replacement Program (REG)	100	15	5	15	5	15	5	15	5	15	5
PR-3320	7891	Water - New Maintenance Facility (REG)	2,175	2,175	0	0	0	0	0	0	0	0	0
PR-2173C	7896	North Water Well Rehabilitation - 2021 (REG)	2,400	0	0	872	0	1,324	0	0	204	0	0
PR-3349	7915	Regional Lab Equipment - Water (REG)	68	37	19	12	0	0	0	0	0	0	0
PR-3375	7988	Water Quality Sampling Study to Support the Georgetown Lake-Based Transfer (REG)	100	100	0	0	0	0	0	0	0	0	0
	7991	North Water Treatment Plants - Roof Rehabilitation (REG)	377	0	377	0	0	0	0	0	0	0	0
	8006	Treatment Facility Building Automation System Standards - Water (REG)	150	0	150	0	0	0	0	0	0	0	0
	8012	Brant St Reservoir Repairs and Roof Waterproofing Membrane (REG)	5,500	5,500	0	0	0	0	0	0	0	0	0
PR-3289D	8024	Intermediate Meter Replacement - Planned (REG)	2,609	145	148	150	153	156	159	162	1,196	168	172
PR-3289C	8026	Large Meter Replacement - Planned (REG)	6,489	470	480	490	500	520	530	1,173	1,196	560	570
PR-3289E	8028	Small Meter Replacement - Planned (REG)	2,599	237	242	247	252	257	262	267	273	278	284
	8102	Beeney Creek Stream Flow Gauges (REG)	30	30	0	0	0	0	0	0	0	0	0
	8103	Water Distribution Pump and System Curve Testing Program (REG)	220	0	110	0	0	110	0	0	0	0	0
PR-3415	8116	Water Treatment - Maintainability Risk Water Quality Assets (REG)	750	750	0	0	0	0	0	0	0	0	0
PR-3233E	8117	Water Treatment Maintenance Capital - 2022 (REG)	14,250	1,000	1,250	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
	8119	Water Treatment Plants - Ozone Generator Instrumentation Upgrades and Spares Inventory (REG)	265	265	0	0	0	0	0	0	0	0	0
PR-3416	8124	Water Treatment Plants - Ambient Ozone Analyzer Replacements (REG)	685	685	0	0	0	0	0	0	0	0	0
	8132	Construction Survey Equipment - Water (REG)	23	8	15	0	0	0	0	0	0	0	0
		Sub-total	503,488	62,927	67,058	65,427	31,172	43,301	34,086	48,657	56,191	52,322	42,347

Note: Schedule may not add due to rounding.



WATER-CAPITAL

BUDGET & BUSINESS PLAN

Note: Schedule may not add due to rounding.

Halton Region Budget and Business Plan

CAPITAL REPORT 2022



WATER DEVELOPMENT

CAPITAL BUDGET

2022

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT		2022 WATER SYSTEM PROJECT LISTING 2022 (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
<u>Growth</u>											
	6704	200mm WM on Brock Ave from Elgin Street to Lakeshore Rd (BUR)	363	0	0	276	0	0	87	0	0
	6705	200mm WM on Regina Drive from Maple Avenue to Ecole Renaissance Schoolyard (BUR)	302	0	0	230	0	0	72	0	0
	6714	300mm WM on Brant from Fairview St to 180 m northerly (BUR)	324	0	0	246	0	0	78	0	0
	6715	300mm WM on Woodview Rd from Fairview St to 100 m Northerly (BUR)	185	0	0	141	0	0	44	0	0
	6716	200mm WM from end of Commerce Crt north to Fairview St (BUR)	296	0	0	225	0	0	71	0	0
	6717	300mm WM on Fairview St from Appleby Line to Taylor Crescent (BUR)	800	0	0	608	0	0	192	0	0
PR-3348	6603	400mm WM on 8th Line from 10th Siderd to existing 400mm (Zone G6L) (HHGEO)	3,475	0	0	2,572	0	0	903	0	0
PR-3348	6611	600mm WM on No 10 Siderd from 8th Line to 9th Line (Zone G6L) (HHGEO)	3,475	0	0	2,572	0	0	903	0	0
PR-3348	6612	600mm WM on No 10 Siderd from 9th Line to 10th Line (Zone G6L) (HHGEO)	3,475	0	0	2,572	0	0	903	0	0
PR-3348	7499	2 system PRV's on Mountain View and Eighth Line at the creek (Georgetown Lakebased Transfer Implementation) (Construction) (HHGEO)	3,475	0	0	2,606	0	0	869	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)	11,513	0	0	8,520	0	0	2,993	0	0
PR-2676C	7510	Water Distribution System Analysis (2017 to 2022) (REG)	110	0	0	83	0	0	27	0	0
PR-2677C	7511	Water Supply Capacity Annual Monitoring Report (2017 to 2022) (REG)	50	0	0	38	0	0	12	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT											
2022 WATER SYSTEM PROJECT LISTING 2022 (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			27,843	0	0	20,689	0	0	7,154	0	0
Total			27,843	0	0	20,689	0	0	7,154	0	0
Summary											
Growth			27,843	0	0	20,689	0	0	7,154	0	0
Grand Total			27,843	0	0	20,689	0	0	7,154	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Growth													
PR-2695	5850	1050mm WM on Upper Middle Rd from Burloak Drive to Appleby Line (Zone B2) (Construction) (BUR)	14,546	0	0	14,546	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	0	1,881	0	7,526	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	0	16,848	0	0	0	0	0	0	0
	6602	7.5 ML storage expansion at Waterdown Reservoir (existing site) (Zone B1A) (BUR)	12,587	0	0	2,517	0	10,070	0	0	0	0	0
	6704	200mm WM on Brock Ave from Elgin Street to Lakeshore Rd (BUR)	363	363	0	0	0	0	0	0	0	0	0
	6705	200mm WM on Regina Drive from Maple Avenue to Ecole Renaissance Schoolyard (BUR)	302	302	0	0	0	0	0	0	0	0	0
	6708	300mm WM on Elizabeth St from James St to approximately 95 m north (BUR)	205	0	41	0	164	0	0	0	0	0	0
	6710	300mm WM on Plains Rd East (Twinning adjacent to 6709) (BUR)	680	0	0	0	0	0	0	136	0	544	0
	6711	300mm WM on Birchwood Avenue from Plains Rd East southwards towards Fairwood Place East (BUR)	125	0	0	0	0	25	0	100	0	0	0
	6712	300mm WM on Gallagher Rd from Plains Rd East to 160 m Northerly (BUR)	268	0	0	0	0	54	0	214	0	0	0
	6713	300mm WM on Downsview Rd from Plains Rd East to Dowland Crescent (BUR)	300	0	0	0	0	60	0	240	0	0	0
	6714	300mm WM on Brant from Fairview St to 180 m northerly (BUR)	324	324	0	0	0	0	0	0	0	0	0
	6715	300mm WM on Woodview Rd from Fairview St to 100 m Northerly (BUR)	185	185	0	0	0	0	0	0	0	0	0
	6716	200mm WM from end of Commerce Crt north to Fairview St (BUR)	296	296	0	0	0	0	0	0	0	0	0
	6717	300mm WM on Fairview St from Appleby Line to Taylor Crescent (BUR)	800	800	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6863	Waterdown Road Booster Pumping Station Expansion (Zones B2, B3A & B5A) (BUR)	6,926	0	1,385	0	5,541	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	0	726	0	2,905	0	0	0	0
	7570	4.5 ML North Aldershot in ground Reservoir (Zone B3B) (BUR)	7,552	0	200	1,470	0	5,882	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) (HHACT)	1,952	0	390	0	1,562	0	0	0	0	0	0
	6600	300 mm WM on No. 32 Side Rd from RR 25 to 3rd Line Reservoir (Zone A9G) (HHACT)	2,038	0	408	0	1,630	0	0	0	0	0	0
PR-3348	6603	400mm WM on 8th Line from 10th Siderd to existing 400mm (Zone G6L) (HHGEO)	3,475	3,475	0	0	0	0	0	0	0	0	0
PR-3348	6611	600mm WM on No 10 Siderd from 8th Line to 9th Line (Zone G6L) (HHGEO)	3,475	3,475	0	0	0	0	0	0	0	0	0
PR-3348	6612	600mm WM on No 10 Siderd from 9th Line to 10th Line (Zone G6L) (HHGEO)	3,475	3,475	0	0	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	0	508	0	2,031	0	0
	6614	600 mm WM on Adamson St from 10th Side Rd to Guelph St (Zone G6L) (HHGEO)	3,592	0	0	0	0	0	718	0	2,874	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	0	1,377	0	5,507	0	0
	6694	10 ML Zone G6L Storage at 22nd Side Rd (HHGEO)	16,783	0	3,357	0	13,426	0	0	0	0	0	0
	6697	15 ML storage expansion at Zone M4 Reservoir (TWL = 250m) (HHGEO)	25,174	0	0	5,035	0	20,139	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	0	46	0	182	0
PR-3348	7499	2 system PRV's on Mountain View and Eighth Line at the creek (Georgetown Lakebased Transfer Implementation) (Construction) (HHGEO)	3,475	3,475	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	8135	750mm WM on Trafalgar from 15th Side Rd to 22nd Side Rd Lake Based Reservoir - Construction (Zone G6L) (HHGEO)	16,907	0	0	16,907	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	0	2,528	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	0	5,486	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	0	4,881	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	0	751	0	3,003	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	0	1,199	0	4,796	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	0	996	0	3,983	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	0	342	0	1,366	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	0	658	0	2,634	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	0	331	0	1,324	0	0
	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	0	676	0	2,703	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	0	416	0	1,662	0	0
	6616	400mm WM on Thompson Rd South from Britannia Rd to approx. 1,211m south (Zone M4) (MIL)	2,716	0	0	543	0	2,173	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	0	672	0	2,688	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6618	400mm WM on new roadway south of Britannia Rd from 4th Line to 5th Line (Zone M4) (MIL)	3,421	0	684	0	2,737	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	0	532	0	2,126	0	0	0	0	0	0
	6620	400mm WM on 6th Line from Britannia Rd to 600 m south (Zone M4) (MIL)	1,623	0	325	0	1,298	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	0	833	0	3,330	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	0	925	0	3,700	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	0	641	0	2,564	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	0	441	0	1,766	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	0	768	0	3,072	0	0	0	0	0
	6626	400mm WM on 5th Line from Britannia Rd to 650 m south (Zone M4) (MIL)	1,304	0	0	261	0	1,043	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	0	739	0	2,958	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	0	894	0	3,575	0	0	0	0	0
	6629	600mm WM on Louis St. Laurent Ave from 5th Line to 6th Line (Zone M4) (MIL)	4,409	0	0	882	0	3,527	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	0	1,186	0	4,746	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	0	772	0	3,089	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	0	441	0	1,762	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6635	400mm WM on 8th Line from Derry Rd. to future Louis St. Laurent Blvd (Zone M4) (MIL)	4,240	0	0	848	0	3,392	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	0	740	0	2,961	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	0	520	0	2,080	0	0	0	0	0
	6638	400mm WM on Derry Rd from Trafalgar Rd to 8th Line (Zone M4) (MIL)	2,557	0	0	511	0	2,046	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	0	390	0	1,562	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	0	998	0	3,991	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	0	358	0	1,434	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	0	168	0	674	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	0	1,062	0	4,247	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	0	169	0	677	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	0	2,501	10,004
	6723	400mm WM on Bronte St between Main St West and Barton St (MIL)	1,426	0	0	0	285	0	1,141	0	0	0	0
	6724	300mm WM on Main St East between James St and Martin St (MIL)	585	0	0	0	0	117	0	468	0	0	0
	6725	300mm WM on Laurier Avenue between Bronte St and Commercial St (MIL)	2,139	0	0	0	428	0	1,711	0	0	0	0
PR-2894	5627	600mm WM through North Oakville Lands from Tremaine Rd to Bronte Rd (Zone O3) (OAK)	11,326	0	2,265	0	9,061	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR2581B	5951	Design of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	14,734	0	0	14,734	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	0	13,975	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	0	160,688	0	0	0	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)	11,513	11,513	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	0	150	0	3,007	0	12,629	0	0	0
	6702	40 ML/d Expansion at the Neyagawa Booster Pumping Station (OAK)	8,859	0	0	1,772	0	7,087	0	0	0	0	0
	6728	300mm WM on Cowan Ave between Kerr St and Inglewood Drive (OAK)	375	0	0	0	75	0	300	0	0	0	0
	6729	300mm WM on Deane Ave between Kerr St and Felan Ave (OAK)	769	0	0	0	154	0	615	0	0	0	0
	6731	300mm WM on Forsythe St between Rebecca St and Burnet St (OAK)	813	0	0	0	163	0	650	0	0	0	0
	7496	Modifications to the Burnhamthorpe Water Tower (OAK)	5,725	0	1,145	0	4,580	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	0	8,231	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	0	2,540	0	0	0	0	0	0	0
	8139	400mm WM on new North Oakville Rd west of Neyagawa Blvd. -Construction (OAK)	3,993	0	3,993	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	0	3,861	0	15,443	0	0	0	0	0
PR-2676C	7510	Water Distribution System Analysis (2017 to 2022) (REG)	110	110	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



WATER-CAPITAL

BUDGET & BUSINESS PLAN

Note: Schedule may not add due to rounding.

Halton Region Budget and Business Plan

CAPITAL REPORT 2022

WASTEWATER NON-DEVELOPMENT

CAPITAL BUDGET

2022

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT			2022 WASTEWATER SYSTEM PROJECT LISTING 2022 (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
Efficiency and Optimization											
PR-3419	8128	Mid-Halton WWTP - Admin Building Windows (OAK)	285	0	0	0	0	285	0	0	0
PR-3284B	7886	Biogas Utilization Program (REG)	500	0	0	0	0	500	0	0	0
PR-3284	7890	Public Works Green Energy Program (REG)	400	0	0	0	0	400	0	0	0
PR-3319	7897	Wastewater - Treatment Plant Optimization Studies (REG)	180	0	0	0	0	180	0	0	0
PR-3370	8009	SCADA install at WWPS (REG)	200	0	0	0	0	200	0	0	0
Sub-total			1,565	0	0	0	0	1,565	0	0	0
Enhanced Levels of Service											
PR-3417	8126	Acton WWTP - Filter Building Retrofit (HHACT)	350	0	0	0	0	350	0	0	0
	7008	Vehicle - New - Wastewater (REG)	219	0	0	0	0	219	0	0	0
Sub-total			569	0	0	0	0	569	0	0	0
Maintain Current Levels of Service											
PR-3156	7394	Upgrades at Bridgview Wastewater Pumping Station from 11.5 L/s to 13 L/s and Force Main extension and upsizing (BUR)	3,340	0	0	0	0	3,340	0	0	0
PR-3281	7806	Skyway WWTP - Digester Rehab/Upgrade - Primary #2 (BUR)	8,000	0	0	0	0	8,000	0	0	0
PR-3313	7902	200mm WWM on Wicklow Road from Limerick Road to SMH11125 and on Belfast Ave from Wicklow Road to Tipperary Ave (BUR) (RR) (WM)	1,956	0	0	0	0	1,956	0	0	0
PR-3404	7972	WWM at Aldershot Creek between Fairwood Place West and North Shore Blvd West (BUR) (RR)	1,234	0	0	0	0	1,234	0	0	0
PR-3377	7990	Burlington Skyway WWTP - Roof Rehabilitation (BUR)	150	0	0	0	0	150	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2022 WASTEWATER SYSTEM PROJECT LISTING 2022 (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-3364	7995	Burlington Skyway WWTP - Methane Gas Sphere Rehabilitation (BUR)	2,300	0	0	0	0	2,300	0	0	0
PR-3146	8014	WWM Linwood, Bromley, Broughton, Verheovan, Brewer, Maureen, Whitepines, Kenwood (BUR)	1,880	0	0	0	0	1,880	0	0	0
PR-3409	8072	Grandview Ave WWPS - Mechanical/Electrical Upgrades ()	402	0	0	0	0	402	0	0	0
PR-3403	8078	WWM on Hertel Cres from Dequincy Cres to Royal Dr (BUR)	447	0	0	0	0	447	0	0	0
PR-3405	8094	Rehabilitation of Burlington East Sewer / Trunk (ENH) (BUR)	733	0	0	0	0	733	0	0	0
PR-3425	8109	Burlington Skyway WWTP - Sodium Hydroxide Storage Tank (BUR)	805	0	0	0	0	805	0	0	0
PR-3428	8110	Burlington Skyway WWTP - Grit Removal - Grit Classifier 1 (BUR)	95	0	0	0	0	95	0	0	0
PR-3328	7882	Acton WWTP - Secondary Digester Rehabilitation (HHACT)	905	0	0	0	0	905	0	0	0
PR-3410	8073	Kingham WWPS - Mechanical Upgrades (HHACT)	389	0	0	0	0	389	0	0	0
PR-3411	8080	Lakeview WWPS (HHACT)	350	0	0	0	0	350	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)	106	0	0	0	0	106	0	0	0
PR-2987C	7839	John Street Pumping Station Upgrades and Rehabilitation - Design & Construction (HHGEO)	7,200	0	0	0	0	7,200	0	0	0
PR-3401	8075	Replacement of Forcemain at Armstrong WWPS (HHS)	884	0	0	0	0	884	0	0	0
PR-2907	7184	250mm WWM on McGeachie Drive from Harrop Drive to End (MIL) (RR)(WM)	224	0	0	0	0	224	0	0	0
PR-3354	7975	Isolation Gates for Midblock Arterial Pump Station (MIL)	247	0	0	0	0	247	0	0	0
PR-3010	7300	300mm WWM on Churchill Avenue from Leighland Avenue to North Service Road East (OAK) (WM)	938	0	0	0	0	938	0	0	0
PR-3369	7631	Mid-Halton WWTP (Third Line PS) - Replacement of Sewage Lowlift (OAK)	378	0	0	0	0	378	0	0	0

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2022

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT											
2022 WASTEWATER SYSTEM PROJECT LISTING 2022 (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-3280	7805	Biosolids Management Centre - Culvert Replacement and Road Resurfacing (OAK)	725	0	0	0	0	725	0	0	0
PR-3322	7810	Oakville Southeast WWTP - Primary Digester #1 Rehab/Upgrade (OAK)	1,600	0	0	0	0	1,600	0	0	0
PR-3326	7812	Oakville Southwest WWTP - Plant 4 -Ras Upgrades (OAK)	335	0	0	0	0	335	0	0	0
PR-3423	7814	Oakville Southeast WWTP - Secondary Digester #4 Rehab/Upgrade (OAK)	500	0	0	0	0	500	0	0	0
PR-3423	7815	Oakville Southwest WWTP - Primary Digester #2 Rehab/Upgrade (OAK)	710	0	0	0	0	710	0	0	0
PR-3088B	7879	Oakville Southeast WWTP - Ninth Line SPS Upgrades (OAK)	4,785	0	0	0	0	4,785	0	0	0
PR-3322	7888	Oakville Southwest WWTP - Primary Digester #1 Rehab/Upgrade (OAK)	2,140	0	0	0	0	2,140	0	0	0
PR-3369	7998	Mid-Halton WWTP - Roof Rehabilitation (OAK)	220	0	0	0	0	220	0	0	0
PR-2838	8093	WWM on Invicta Dr from NSR to End (OAK)	542	0	0	0	0	542	0	0	0
PR-3369	8108	Mid-Halton WWTP - Inlet Building Rehabilitation (OAK)	300	0	0	0	0	300	0	0	0
PR-3424	8111	Oakville Southwest WWTP - Plant 3/4 Tunnel Waterproofing and Expansion Joint Repair (OAK)	370	0	0	0	0	370	0	0	0
PR-3426	8112	Biosolids Management Centre - Tank Transfer Piping and Internal Roads Rehabilitation (OAK)	326	0	0	0	0	326	0	0	0
PR-3418	8115	Mid-Halton WWTP - Primary Digester (No. 2) Rehab/Upgrades (OAK)	1,262	0	0	0	0	1,262	0	0	0
	8164	WWM on McCraney St W and side streets (OAK)	1,000	0	0	0	0	1,000	0	0	0
PR-2640	5307	Wastewater Manhole Capital Improvement Prgm (REG)	400	0	0	0	0	400	0	0	0
	6886	Vehicle Replacements - (Existing) Wastewater (REG)	1,058	0	0	0	0	1,058	0	0	0
PR-3250	7665	Wastewater Maintenance Capital (REG)	500	0	0	0	0	500	0	0	0
	7734	Capital upgrades to address basement flooding (REG)	6,008	0	0	0	0	6,008	0	0	0

Note: Schedule may not add due to rounding.

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

Note: Schedule may not add due to rounding.

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Efficiency and Optimization													
PR-3373	7881	Oakville Southwest WWTP - Energy Recovery Facility (OAK)	3,000	0	0	3,000	0	0	0	0	0	0	0
PR-3419	8128	Mid-Halton WWTP - Admin Building Windows (OAK)	285	285	0	0	0	0	0	0	0	0	0
PR-3284B	7886	Biogas Utilization Program (REG)	1,800	500	1,300	0	0	0	0	0	0	0	0
PR-3284	7890	Public Works Green Energy Program (REG)	1,900	400	1,500	0	0	0	0	0	0	0	0
PR-3319	7897	Wastewater - Treatment Plant Optimization Studies (REG)	980	180	100	100	100	100	100	100	100	100	0
PR-3370	8009	SCADA install at WWPS (REG)	1,265	200	0	1,065	0	0	0	0	0	0	0
	8149	Wastewater Treatment - Energy Recovery Facility (REG)	3,300	0	300	3,000	0	0	0	0	0	0	0
		Sub-total	12,530	1,565	3,200	7,165	100	100	100	100	100	100	0
Enhanced Levels of Service													
	8097	Maple Ave Trunk (BUR)	11,800	0	1,300	0	10,500	0	0	0	0	0	0
PR-3417	8126	Acton WWTP - Filter Building Retrofit (HHACT)	3,500	350	0	3,150	0	0	0	0	0	0	0
	8063	Saville Area (ENH) (OAK)	6,000	0	0	1,000	0	5,000	0	0	0	0	0
	8098	WWM Eighth Line from Falgarwood Dr to Iroquois Shore Road, WWM on Falgarwood Dr from SMH 4073 to Eighth Line, Abandoning WWM on Easement between Falgarwood Dr to Invicta Dr (ENH) (OAK)	15,504	0	2,362	0	13,142	0	0	0	0	0	0
	7008	Vehicle - New - Wastewater (REG)	438	219	0	0	0	0	0	0	219	0	0
		Sub-total	37,242	569	3,662	4,150	23,642	5,000	0	0	219	0	0
Maintain Current Levels of Service													
PR-3156	7394	Upgrades at Bridgview Wastewater Pumping Station from 11.5 L/s to 13 L/s and Force Main extension and upsizing (BUR)	3,340	3,340	0	0	0	0	0	0	0	0	0
PR-3176	7439	Burlington Skyway WWTP - Dewatering System Upgrade (BUR)	11,050	0	11,050	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7455	Burlington Skyway WWTP - RAS & Secondary Clarifiers #9 - 12 Upgrades (Phase 3) (BUR)	5,450	0	450	0	5,000	0	0	0	0	0	0
	7720	Vertical Wastewater - Wastewater Treatment Plants - Burlington WWTP (BUR)	110,653	0	0	0	0	5,946	25,519	27,428	15,415	19,513	16,832
PR-3281	7806	Skyway WWTP - Digester Rehab/Upgrade - Primary #2 (BUR)	8,000	8,000	0	0	0	0	0	0	0	0	0
PR-3313	7902	200mm WWM on Wicklow Road from Limerick Road to SMH11125 and on Belfast Ave from Wicklow Road to Tipperary Ave (BUR) (RR) (WM)	1,956	1,956	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	0	6,225	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)	4,990	1,234	0	3,756	0	0	0	0	0	0	0
PR-3377	7990	Burlington Skyway WWTP - Roof Rehabilitation (BUR)	660	150	510	0	0	0	0	0	0	0	0
PR-3364	7995	Burlington Skyway WWTP - Methane Gas Sphere Rehabilitation (BUR)	2,300	2,300	0	0	0	0	0	0	0	0	0
PR-3377	7997	Burlington Skyway WWTP - Wet Well A & B Rehabilitation (BUR)	489	0	489	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)	2,170	0	403	0	1,767	0	0	0	0	0	0
PR-3146	8014	WWM Linwood, Bromley, Broughton, Verheovan, Brewer, Maureen, Whitepines, Kenwood (BUR)	10,595	1,880	0	8,715	0	0	0	0	0	0	0
	8015	WWM on Mainway from Guelph Line to Northside Rd (RR)	10,672	0	0	1,201	0	9,471	0	0	0	0	0
PR-3409	8072	Grandview Ave WWPS - Mechanical/Electrical Upgrades ()	1,161	402	0	759	0	0	0	0	0	0	0
PR-3403	8078	WWM on Hertel Cres from Dequincy Cres to Royal Dr (BUR)	1,761	447	0	1,314	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	8085	WWM on Innswood Dr from Moss Glen Road to Parkway Dr (BUR)	1,641	0	0	434	0	1,207	0	0	0	0	0
	8089	Indian Creek Trunk (BUR)	1,176	0	384	0	792	0	0	0	0	0	0
PR-3405	8094	Rehabilitation of Burlington East Sewer / Trunk (ENH) (BUR)	4,780	733	0	4,047	0	0	0	0	0	0	0
PR-3425	8109	Burlington Skyway WWTP - Sodium Hydroxide Storage Tank (BUR)	805	805	0	0	0	0	0	0	0	0	0
PR-3428	8110	Burlington Skyway WWTP - Grit Removal - Grit Classifier 1 (BUR)	555	95	460	0	0	0	0	0	0	0	0
	8114	Burlington Skyway WWTP - Chemical Systems (Ferric & Sodium Hypochlorite) (BUR)	1,153	0	203	0	950	0	0	0	0	0	0
	6073	Acton WWTP Replacement & Improvements (HHACT)	2,995	0	0	715	0	2,280	0	0	0	0	0
	7721	Vertical Wastewater - Wastewater Treatment Plants - Acton WWTP (HHACT)	12,861	0	0	0	0	63	2,134	3,239	2,556	2,911	1,958
PR-3328	7882	Acton WWTP - Secondary Digester Rehabilitation (HHACT)	905	905	0	0	0	0	0	0	0	0	0
	7992	Acton WWTP - Roof Rehabilitation (HHACT)	187	0	187	0	0	0	0	0	0	0	0
PR-3410	8073	Kingham WWPS - Mechanical Upgrades (HHACT)	1,063	389	0	674	0	0	0	0	0	0	0
PR-3411	8080	Lakeview WWPS (HHACT)	350	350	0	0	0	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)	1,756	0	1,756	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)	2,015	0	2,015	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)	2,179	0	2,179	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)	625	0	625	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7618	150mm,250mm WWM on Marilyn Crescent (HHGEO) (WM)	3,687	0	690	0	2,997	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)	580	106	474	0	0	0	0	0	0	0	0
PR-3346	7745	200mm WWM on Reid Court from Rexway Drive to End (HHGEO) (WM)	118	0	118	0	0	0	0	0	0	0	0
PR-2987C	7839	John Street Pumping Station Upgrades and Rehabilitation - Design & Construction (HHGEO)	7,200	7,200	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	0	3,400	0	0	0	0	0	0	0	0
	8081	WWM on Irwin Cres , including easement, up to Mountainview Road S. (SMH 148 to SMH 154, SMH 154 to 155, SMH 155 to 168 - in total 16 pipe sections) ()	5,310	0	962	0	4,348	0	0	0	0	0	0
PR-3401	8075	Replacement of Forcemain at Armstrong WWPS (HHS)	2,748	884	0	1,864	0	0	0	0	0	0	0
	8083	WWM on Faludon Dr from Delrex Blvd to Delrex Blvd., WWM on Torino Gate from Marilyn Cres to Faludon Dr (HHS)	3,378	0	655	0	2,723	0	0	0	0	0	0
	8101	Cindebarke Terr WWPS - Mechanical/Electrical Upgrades ()	1,047	0	387	0	660	0	0	0	0	0	0
PR-2907	7184	250mm WWM on McGeachie Drive from Harrop Drive to End (MIL) (RR)(WM)	224	224	0	0	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
	7561	New Diversion Forcemain (MIL)	6,000	0	0	0	514	0	5,486	0	0	0	0
PR-3354	7975	Isolation Gates for Midblock Arterial Pump Station (MIL)	797	247	550	0	0	0	0	0	0	0	0
PR-3032	7063	BMC Administration Buildings and Servicing Replacement (OAK)	2,000	0	2,000	0	0	0	0	0	0	0	0
PR-3010	7300	300mm WWM on Churchill Avenue from Leighland Avenue to North Service Road East (OAK) (WM)	938	938	0	0	0	0	0	0	0	0	0
PR-3314	7401	250mm WWM on Secord Avenue from Sherin Drive to Thornhill Drive (OAK) (WM)	584	0	584	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3314B	7404	200mm WWM on Howard Avenue from Esplanade to Carson Lane (OAK) (WM)	928	0	928	0	0	0	0	0	0	0	0
PR-3314B	7419	200mm WWM on Park Avenue from Carson Lane to Lakeshore Road East (OAK)	933	0	933	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	0	5,207	0	0	0	0	0	0	0	0
PR-3369	7631	Mid-Halton WWTP (Third Line PS) - Replacement of Sewage Lowlift (OAK)	2,886	378	0	2,508	0	0	0	0	0	0	0
	7714	Vertical Wastewater - Biosolids (OAK)	4,027	0	0	0	0	467	474	839	731	845	671
	7716	Vertical Wastewater - Wastewater Treatment Plants - Oakville Southwest WWTP (OAK)	60,626	0	0	0	0	3,596	13,994	15,506	8,161	10,147	9,222
	7717	Vertical Wastewater - Wastewater Treatment Plants - Oakville Southeast WWTP (OAK)	87,274	0	0	0	0	3,509	6,175	7,916	6,389	7,343	55,942
	7733	Vertical Wastewater - Wastewater Treatment Plants - Mid-Halton WWTP (OAK)	57,888	0	0	0	0	6,261	10,944	11,106	9,290	11,521	8,766
PR-3280	7805	Biosolids Management Centre - Culvert Replacement and Road Resurfacing (OAK)	725	725	0	0	0	0	0	0	0	0	0
PR-3322	7810	Oakville Southeast WWTP - Primary Digester #1 Rehab/Upgrade (OAK)	1,600	1,600	0	0	0	0	0	0	0	0	0
PR-3326	7812	Oakville Southwest WWTP - Plant 4 -Ras Upgrades (OAK)	335	335	0	0	0	0	0	0	0	0	0
PR-3423	7814	Oakville Southeast WWTP - Secondary Digester #4 Rehab/Upgrade (OAK)	1,700	500	1,200	0	0	0	0	0	0	0	0
PR-3423	7815	Oakville Southwest WWTP - Primary Digester #2 Rehab/Upgrade (OAK)	2,900	710	2,190	0	0	0	0	0	0	0	0
	7829	Boyne Trunk Decommissioning and Downsizing (OAK)	7,839	0	1,329	0	6,510	0	0	0	0	0	0
PR-3088B	7879	Oakville Southeast WWTP - Ninth Line SPS Upgrades (OAK)	4,785	4,785	0	0	0	0	0	0	0	0	0
	7880	Oakville Southeast WWTP - Secondary Digester #3 Rehab/Upgrade (OAK)	1,550	0	0	500	1,050	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PR-3322	7888	Oakville Southwest WWTP - Primary Digester #1 Rehab/Upgrade (OAK)	2,140	2,140	0	0	0	0	0	0	0	0	0
PR-3369	7998	Mid-Halton WWTP - Roof Rehabilitation (OAK)	1,310	220	0	1,090	0	0	0	0	0	0	0
PR-3367	8008	Oakville Southeast WWTP - RAS Discharge Piping Rehabilitation (OAK)	1,000	0	1,000	0	0	0	0	0	0	0	0
	8067	First PS Upgrade (OAK)	4,031	0	627	0	3,404	0	0	0	0	0	0
	8086	WWM Trafalgar/Cornwall Intersection (OAK)	1,588	0	424	0	1,164	0	0	0	0	0	0
	8087	WWM on St. Augustine Dr from SMH 17247 to SMH 95056 (OAK)	1,583	0	422	0	1,161	0	0	0	0	0	0
PR-2838	8093	WWM on Invicta Dr from NSR to End (OAK)	2,471	542	1,929	0	0	0	0	0	0	0	0
	8100	Ennisclaire PS Upgrade (OAK)	1,403	0	386	0	1,017	0	0	0	0	0	0
	8105	Biosolids Management Centre - Control Panels and Structured Cabling Upgrade (OAK)	630	0	80	0	550	0	0	0	0	0	0
PR-3369	8108	Mid-Halton WWTP - Inlet Building Rehabilitation (OAK)	3,050	300	0	2,750	0	0	0	0	0	0	0
PR-3424	8111	Oakville Southwest WWTP - Plant 3/4 Tunnel Waterproofing and Expansion Joint Repair (OAK)	1,236	370	866	0	0	0	0	0	0	0	0
PR-3426	8112	Biosolids Management Centre - Tank Transfer Piping and Internal Roads Rehabilitation (OAK)	1,626	326	1,300	0	0	0	0	0	0	0	0
PR-3418	8115	Mid-Halton WWTP - Primary Digester (No. 2) Rehab/Upgrades (OAK)	4,134	1,262	0	2,872	0	0	0	0	0	0	0
	8164	WWM on McCraney St W and side streets (OAK)	20,446	1,000	19,446	0	0	0	0	0	0	0	0
PR-2640	5307	Wastewater Manhole Capital Improvement Prgm (REG)	3,100	400	400	400	400	500	500	500	0	0	0
	6886	Vehicle Replacements - (Existing) Wastewater (REG)	12,497	1,058	2,055	902	453	959	1,471	1,222	837	1,847	1,693
PR-3250	7665	Wastewater Maintenance Capital (REG)	3,500	500	500	500	500	500	500	500	0	0	0
	7722	Vertical Wastewater - Wastewater Pump Stations (REG)	27,820	0	0	0	0	2,264	4,159	5,795	5,100	5,865	4,637
	7723	Vertical Wastewater - Storage (REG)	1,208	0	0	0	0	209	202	171	198	227	201
	7724	Wastewater Force Mains (REG)	62,346	0	0	0	0	2,291	7,791	291	16,291	25,291	10,391

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	7725	Other Public Works Assets - Wastewater (REG)	1,836	0	0	0	0	297	297	297	297	342	306
	7731	Wastewater Gravity Mains (REG)	28,959	0	0	0	0	0	0	2,033	8,694	9,998	8,234
	7734	Capital upgrades to address basement flooding (REG)	23,786	6,008	6,001	6,033	5,744	0	0	0	0	0	0
PR-3079B	7790	Asset Management Roadmap Implementation - SP4 (REG)	500	150	200	150	0	0	0	0	0	0	0
PR-3277	7798	SCADA Master Plan Implementation - Wastewater (REG)	17,220	3,350	250	9,110	230	3,180	230	230	410	230	0
PR-3293	7833	Integrated Linear Infrastructure Engineering Design Guidelines and Standard Drawings Manual (REG)	73	73	0	0	0	0	0	0	0	0	0
PR-3320	7892	Wastewater - New Maintenance Facility (REG)	2,175	2,175	0	0	0	0	0	0	0	0	0
PR-3349	7912	Regional Lab Equipment - Wastewater (REG)	217	118	79	20	0	0	0	0	0	0	0
PR-3359	7979	Public Works - Supply and Service Portable Gas Monitor Equipment (REG)	846	0	0	0	0	846	0	0	0	0	0
	8007	Treatment Facility Building Automation System Standards - Wastewater (REG)	150	0	150	0	0	0	0	0	0	0	0
PR-3386	8029	System Services Equipment - Wastewater (REG)	200	0	0	200	0	0	0	0	0	0	0
PR-3408	8071	Communication Plan - Replacement of the old Bell lines (REG)	2,114	441	0	1,673	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
	8133	Construction Survey Equipment - Wastewater (REG)	23	8	15	0	0	0	0	0	0	0	0
		Sub-total	756,165	63,559	84,593	61,032	43,434	49,796	81,376	78,573	75,869	97,580	120,353
Regulation and Environmental Protection													
PR-3288	7823	Locate and Condition Assessment of WWPS Overflow pipes (REG)	200	200	0	0	0	0	0	0	0	0	0
		Sub-total	200	200	0	0	0	0	0	0	0	0	0
		Total Required Financing	806,137	65,893	91,455	72,347	67,176	54,896	81,476	78,673	76,188	97,680	120,353

Note: Schedule may not add due to rounding.



Halton Region Budget and Business Plan

CAPITAL REPORT 2022

WASTEWATER DEVELOPMENT

CAPITAL BUDGET

2022

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT											
2022 WASTEWATER SYSTEM PROJECT LISTING 2022 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIP1	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY						
					DEVEL. CHGS.		GENERAL RESERVE		CAP INVT RESERV	DEBENTURES	
					NON-RES	RES	GROWTH	REGIONAL		GROWTH	REGIONAL
Growth											
	7521	Black Creek Monitoring Program (2019 to 2022) (HHACT)	50	0	0	37	0	0	13	0	0
PR-3348	6506	750 mm WWM on 9th Line from Argyll Rd to 10th Side Rd - Georgetown South Connection (HHGEO)	5,550	0	0	4,107	0	0	1,443	0	0
PR-3348	6567	750 mm WWM on No 10 Side Road from Barber Dr. to WWPS #100 (HHGEO)	5,550	0	0	4,107	0	0	1,443	0	0
PR-3348	6570	750 mm WWM on No 10 Side Road from Ninth Line to Barber Dr. (HHGEO)	5,550	0	0	4,107	0	0	1,443	0	0
PR-3348	6586	750 mm WWM on 8th Line from Argyll Rd to 10th Side Rd (HHGEO)	5,550	0	0	4,107	0	0	1,443	0	0
PR-3348	6587	600 mm WWM on 8th Line from Miller Rd to Argyll Rd (HHGEO)	5,560	0	0	4,114	0	0	1,446	0	0
PR-3348	7546	750 mm WWM on No 10 Side Road from WWPS #100 to Eighth Line (in order to decommission WWPS #100) (HHGEO)	5,560	0	0	4,226	0	0	1,334	0	0
	6508	Decommissioning of HH WWPS #3, connection to new 8th Line trunk sewer and conversion of site to septage receiving facility (HHS)	628	0	0	465	0	0	163	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)	4,835	0	0	3,578	0	0	1,257	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 (Construction) (OAK)	4,000	0	0	2,960	0	0	1,040	0	0
PR-2079	7523	600 mm WWM on Trafalgar Rd from ID 5062 to Burnhamthorpe Rd E (OAK)	2,236	0	0	1,655	0	0	581	0	0
PR-2678C	7518	Wastewater Collection System Analysis (2017 to 2022) (REG)	110	0	0	81	0	0	29	0	0
PR-2679C	7519	Wastewater Treatment Capacity Annual Monitoring Report (2017 to 2022) (REG)	50	0	0	37	0	0	13	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Growth													
	5907	300 mm WWM North Aldershot Servicing (BUR)	11,800	0	0	2,360	0	9,440	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	0	2,252	0	9,006	0	0	0
	7946	New 2400mm WWM inlet to Skyway WWTP parallel to QEW. Design and Construction (BUR)	32,137	0	6,427	0	25,710	0	0	0	0	0	0
	7521	Black Creek Monitoring Program (2019 to 2022) (HHACT)	50	50	0	0	0	0	0	0	0	0	0
	8140	Twinning of 525 - 600 mm WWM from Elgin St South along Black Creek alignment to Acton WWTP -Construction (HHACT)	3,503	0	0	3,503	0	0	0	0	0	0	0
	8141	Agnes St. WWPS Strategy - Construction (HHACT)	8,577	0	0	8,577	0	0	0	0	0	0	0
	8157	Black Creek Monitoring Program (2023 to 2026) (HHACT)	200	0	50	50	50	50	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	0	501	0	2,002
PR-3348	6506	750 mm WWM on 9th Line from Argyll Rd to 10th Side Rd - Georgetown South Connection (HHGEO)	5,550	5,550	0	0	0	0	0	0	0	0	0
PR-3348	6567	750 mm WWM on No 10 Side Road from Barber Dr. to WWPS #100 (HHGEO)	5,550	5,550	0	0	0	0	0	0	0	0	0
PR-3348	6570	750 mm WWM on No 10 Side Road from Ninth Line to Barber Dr. (HHGEO)	5,550	5,550	0	0	0	0	0	0	0	0	0
PR-3348	6586	750 mm WWM on 8th Line from Argyll Rd to 10th Side Rd (HHGEO)	5,550	5,550	0	0	0	0	0	0	0	0	0
PR-3348	6587	600 mm WWM on 8th Line from Miller Rd to Argyll Rd (HHGEO)	5,560	5,560	0	0	0	0	0	0	0	0	0
	6589	35 L/s WWPS on 10th Side Rd in Norval (HHGEO)	4,550	0	0	0	0	0	0	0	910	0	3,640
PR-3348	7546	750 mm WWM on No 10 Side Road from WWPS #100 to Eighth Line (in order to decommission WWPS #100) (HHGEO)	5,560	5,560	0	0	0	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6508	Decommissioning of HH WWPS #3, connection to new 8th Line trunk sewer and conversion of site to septage receiving facility (HHS)	628	628	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	0	349	0	1,398	0	0	0	0	0
	6498	450 mm WWM on new road from 8th Line to Trafalgar Rd (MIL)	2,854	0	0	571	0	2,283	0	0	0	0	0
	6500	600 mm WWM on 4th Line from new road to Lower Base Line WWPS (MIL)	8,253	0	0	1,651	0	6,602	0	0	0	0	0
	6501	450 mm WWM on 4th Line from south of Britannia Rd to new road (MIL)	6,273	0	0	1,255	0	5,018	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	0	875	0	3,499	0	0	0	0	0
	6503	300 mm WWM on 8th Line from north of Derry Rd to Derry Rd (MIL)	1,046	0	0	209	0	837	0	0	0	0	0
	6504	450 mm WWM on 8th Line from north of new road to new road (MIL)	1,498	0	0	300	0	1,198	0	0	0	0	0
	6505	300 mm WWM on 8th Line from north of Britannia Rd to Britannia Rd (MIL)	824	0	0	165	0	659	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	0	129	0	516	0	0	0
	6517	450 mm WWM on Oak St between Ontario St South and Fulton St (MIL)	1,357	0	0	0	0	271	0	1,086	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	0	330	0	1,322	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	0	3,061	0	12,245	0	0	0	0	0
	6555	New 225 L/s WWPS on Tremaine Rd at Lower Base Line (MIL)	10,858	0	2,172	0	8,686	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	0	1,039	0	4,158	0	0	0	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	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	0	2,497	0	9,990	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	0	1,511	0	6,043	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	0	705	0	2,820	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	0	211	0	842	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)	4,835	4,835	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	0	1,039	0	4,158	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	0	1,475	0	5,901	0	0	0	0
	6581	1500 mm WWM on 5th Line from Britannia Rd to Lower Base Line (MIL)	29,962	0	0	5,992	0	23,970	0	0	0	0	0
	6582	1500 mm WWM on Lower Base Line from 5th Line to 4th Line (MIL)	17,650	0	0	3,530	0	14,120	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	0	1,886	0	7,542	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	0	237	0	949	0	0	0	0	0
	8034	2350 L/s WWPS at Lower Base Line and 4th Line (MIL)	81,402	0	0	16,280	65,122	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	0	12,945	51,778	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	0	56	0	226	0	0	0

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2022-2031 WASTEWATER FORECAST PROJECT FORECAST LISTING 2022 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	6535	450 mm WWM on Trafalgar Rd from 10 m north of Inglehart Street North to Cross Ave (OAK)	1,297	0	259	0	1,038	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	0	1,265	0	5,062	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 (Construction) (OAK)	4,000	4,000	0	0	0	0	0	0	0	0	0
PR-2079	7523	600 mm WWM on Trafalgar Rd from ID 5062 to Burnhamthorpe Rd E (OAK)	2,236	2,236	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	0	13,956	0	55,826
	7548	Mid-Halton WWTP expansion from 175 ML/d to 225 ML/d (Design)	24,549	0	0	0	0	0	0	0	0	0	24,549
	8158	Walker St WWPS - I/I reduction Program to gain capacity at the station. Design and Construction (OAK)	2,602	0	520	0	2,082	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	0	24,549	0	98,195	0	0	0	0	0
PR-2678C	7518	Wastewater Collection System Analysis (2017 to 2022) (REG)	110	110	0	0	0	0	0	0	0	0	0
PR-2679C	7519	Wastewater Treatment Capacity Annual Monitoring Report (2017 to 2022) (REG)	50	50	0	0	0	0	0	0	0	0	0
	8154	Halton Wastewater Master Plan (2023 and 2028) (REG)	1,600	0	800	0	0	0	0	800	0	0	0
	8155	Wastewater Collection System Analysis (2023 to 2031) (REG)	990	0	110	110	110	110	110	110	110	110	110
	8156	Wastewater Treatment Capacity Annual Monitoring Report (2023 to 2031) (REG)	450	0	50	50	50	50	50	50	50	50	50
		Sub-total	653,807	45,229	14,578	92,912	172,863	208,506	6,061	11,794	15,527	160	86,177
		Total Required Financing	653,807	45,229	14,578	92,912	172,863	208,506	6,061	11,794	15,527	160	86,177

Note: Schedule may not add due to rounding.



Halton Region Budget and Business Plan

CAPITAL REPORT 2022

APPENDIX A: BASEMENT FLOODING

CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

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
2022 Projects				
34	Roseland	23	Burlington	Opencut
12	Ninth Line	59	Oakville	Opencut
45	Weaver Avenue	1	Oakville	Opencut
	Oakville Southeast	30	Oakville	Opencut
	2022 Sub-Total	113		6,008
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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2022

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
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
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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2022

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
31	Elizabeth Gardens	4	Oakville	Spot Repair
42	Chartwell Road	1	Oakville	Spot Repair
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	1,338		23,786

Note: Schedule may not add due to rounding.



Halton Region Budget and Business Plan

CAPITAL REPORT 2022

APPENDIX B: 2020 ALLOCATION PROGRAM

Halton Region**2020 Allocation Program****Gross Expenditures 2018-2022 (\$000)**

The project list represents the revised 2020 Allocation Program for infrastructure approved between 2018 and 2021 and forecasted for 2022.

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
R	6445	6445	Guelph Line at Harvester Road (Intersection Improvements) (BUR) (Regional Road 1)	\$ 5,212	\$ 0	\$ 0	\$ 5,212	\$ 0
R	7438	7438	Guelph Line & 1 Side Road - Intersection Improvements (BUR) (Regional Road 1)	2,512	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	825	0
R	6827	6827	Trafalgar Road - Widening from 4 to 6 lanes from Britannia Road to Steeles Avenue including Highway 401 Structure	825	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	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	(49,121)	29,743	(20,395)
R	3981	3981	Trafalgar Road - Widening from 4 to 6 lanes from Dundas Street to Highway 407 (OAK) (Regional Rd 3)	36,214	25,436	0	61,650	25,436
R	3991	3991	Trafalgar Rd - Grade Separation at CN Crossing north of Maple Ave (HHS) (Regional Road 3)	27,129	1,819	(26,824)	2,124	(25,005)
R	5376	5376	Trafalgar Rd - Grade Separation at Metrolinx Crossing south of Hwy 7 (HHS) (Regional Road 3)	18,141	1,200	(17,086)	2,255	(15,886)
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	(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	0	43,849	22,590
R	5180	5180	Dundas Street - Widening from 4 to 6 lanes from North Hampton to Appleby Line (BUR) (Regional Road 5)	19,132	21,355	0	40,487	21,355
R	3983	3983	Dundas Street - Widening from 4 to 6 lanes from Tremaine Road to Bronte Road (OAK) (Regional Rd 5)	26,983	26,811	0	53,794	26,811
R	7487	7487	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Halton/Hamilton Boundary, including improvements at Brant	28,847	1,812	(23,141)	7,518	(21,329)

Note: Schedule may not add due to rounding.



Halton Region**2020 Allocation Program****Gross Expenditures 2018-2022 (\$000)**

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
R	5384	5384	Dundas Street - Grade Separation at CNR Crossing between Appleby Line and Tremaine Road (BUR) (Regional Road 5)	19,068	0	0	19,068	0
R	3982	3982	Dundas St - Widening from 4 to 6-Lanes (excluding CNR & Bronte Creek Bridges) from Appleby Line to Tremaine Rd	25,697	0	0	25,697	0
R	5385	5385	Dundas Street - Bronte Creek Bridge between Appleby Line and Tremaine Road (BUR) (Regional Road 5)	48,600	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	91,035	0
R	7333	7333	Britannia Road (CONSTRUCTION ONLY) - Widening from 2 to 4 lanes from Regional Road 25 to James Snow Parkway	31,566	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)	28,493	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	11,402	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	7,386	0
R	7933	7933	Steeles Ave - Truck inspection station between 5th Line and 6th Line (HHS)	1,100	500	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	(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	(18,773)	0	(11,273)
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	(38,242)	7,702	(25,189)
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	7,118	3,370
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	6,111	340

Note: Schedule may not add due to rounding.



Halton Region**2020 Allocation Program****Gross Expenditures 2018-2022 (\$000)**

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
R	6448	6448	Winston Churchill Boulevard - Widening from 4 to 6 lanes from Highway 401 to Steeles Avenue (Halton's Share) (HHS)	2,565	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)	1,837	0	0	1,837	0
R	7494	7494	Norval Bypass (HHS)	23,520	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	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	(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	(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	(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	(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	(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	(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	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	(46,957)	7,128	(16,128)
R	7337	7337	Upper Middle Road - Intersection Operational Improvements (OAK) Regional Road 38	5,345	0	0	5,345	0
R	6828	6828	Upper Middle Road - Widening from 4 to 6 lanes from Bronte Road to Neyagawa Boulevard (OAK) (Regional Road 38)	825	0	(825)	0	(825)
R	6826	6826	Upper Middle Road - Widening from 4 to 6 lanes from Trafalgar Road to Grand Boulevard (OAK) (Regional Road 38)	535	0	(535)	0	(535)

Note: Schedule may not add due to rounding.



Halton Region

2020 Allocation Program

Gross Expenditures 2018-2022 (\$000)

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
R	7338	7338	Upper Middle Road - Widening from 4 to 6 lanes from Neyagawa Boulevard to Trafalgar Road (OAK) Regional Road	321	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	(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	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	33,168	0
R	7490	7490	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Third Line to Sixteen Mile Creek (OAK)	13,500	0	0	13,500	0
R	7460	7460	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Sixth Line to Neyagawa Boulevard (OAK)	12,204	3,814	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	4,043	0	0	4,043	0
R	7809	7809	Wycroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK)	64,077	36,121	0	100,198	36,121
R	7493	7493	Active Transportation New Off-Road Capital Projects (REG)	9,724	0	0	9,724	0
R	7375	7375	Active Transportation Infill Projects (REG)	5,923	0	0	5,923	0
R	5426	5426	Active Transportation Initiatives (REG)	309	0	0	309	0
R	7928	7928	Active Transportation Master Plan (REG)	203	0	0	203	0
R	7377	7377	Intelligent Transportation System Implementation (REG)	11,500	0	0	11,500	0
R	6854	6854	New Traffic Signals - Development (REG)	8,595	0	0	8,595	0
R	6855	6855	New Signalized Intersections (REG)	2,012	274	0	2,286	274
R	6855	7937	Traffic Signal Installation at the intersection of Guelph Line and 25 Sideroad (MIL)	0	220	0	220	220
R	5641	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	3,900	220	0	4,120	220
R	6838	6838	Growth Management Studies (REG)	2,615	0	0	2,615	0
R	5444	5444	Transportation Master Plan Study (REG)	2,092	0	0	2,092	0

Note: Schedule may not add due to rounding.



Halton Region

2020 Allocation Program

Gross Expenditures 2018-2022 (\$000)

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
R	5196	5196	Travel Demand Management Initiative (REG)	1,780	0	0	1,780	0
R	6832	6832	Data Management Group (REG)	785	0	0	785	0
R	7568	7568	MTO Highway Studies (REG)	655	0	0	655	0
R	6836	6836	Regional Road 25/Third Line Alignment Options Study (MIL)	523	0	0	523	0
R	6837	6837	Development Charge Background Study (REG)	471	0	0	471	0
R	6858	6858	Cordon Count Data (REG)	313	0	0	313	0
R	7569	7569	Urban Design Guidelines (REG)	157	0	0	157	0
R	6833	6833	Transportation Tomorrow Survey (REG)	105	0	0	105	0
R	5431	5431	Traffic and Screen Line Counts & Studies (REG)	889	75	0	964	75
W	7504	7504	1200mm WWM on Britannia Rd from 4th Line to RR 25 (Zone M4) - Construction (MIL)	25,000	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	11,574	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	0	10,288	0
W	6684	6684	Construction of Oakville WPP Re-rating from 109 to 130 ML/d (OAK)	8,700	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	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	13,870	5,550
S	4994	4994	600 mm WWM on new North Oakville road from Burnhamthorpe Rd to Dundas St (OAK)	8,184	0	0	8,184	0
W	7515	7515	System PRV implementation to support Zone 3/4/5 Boundary Re-alignment (REG)	8,000	0	0	8,000	0
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	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	0	4,500	0

Note: Schedule may not add due to rounding.



Halton Region

2020 Allocation Program

Gross Expenditures 2018-2022 (\$000)

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
S	7546	7546	750 mm WWM on No 10 Side Road from WWPS #100 to Eighth Line (in order to decommission WWPS #100)	4,477	5,560	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	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	4,337	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	4,254	4,000	0	8,254	4,000
W	6611	6611	600mm WM on No 10 Siderd from 8th Line to 9th Line (Zone G6L) (HHGEO)	3,951	3,475	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	0	3,900	0
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	3,737	0	0	3,737	0
W	6444	6444	400mm WM from Burnhamthorpe Rd to Dundas St on new North Oakville road (Zone O4) (Construction) (OAK)	3,461	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	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	8,231	5,560
W	6443	6443	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Construction) (OAK)	2,547	0	0	2,547	0
W	6709	6709	300mm WM on Spring Gardens Rd from Botanical Dr to Plains Rd (BUR)	2,460	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	5,799	3,475
W	7935	7935	400mm WM from Third Line under William Halton Parkway easterly (OAK)	2,100	0	0	2,100	0

Note: Schedule may not add due to rounding.



Halton Region

2020 Allocation Program

Gross Expenditures 2018-2022 (\$000)

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
W	6726	6726	300mm WM on Sovereign St between Bronte Rd and East St (OAK)	2,097	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	1,955	0
S	7522	7522	525 mm WWM through developer subdivision from ID 5063 to Burnhamthorpe Rd W (OAK)	1,944	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	1,465	4,835	0	6,300	4,835
S	6567	6567	750 mm WWM on No 10 Side Road from Barber Dr. to WWPS #100 (HHGEO)	1,006	5,550	0	6,556	5,550
W	6717	6717	300mm WM on Fairview St from Appleby Line to Taylor Crescent (BUR)	1,000	0	0	1,000	0
S	7517	7517	Halton Wastewater Master Plan (2018 and 2020) (REG)	900	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	844	0
S	6508	6508	Decommissioning of HH WWPS #3, connection to new 8th Line trunk sewer and conversion of site to septage receiving	785	0	0	785	0
S	7524	7524	450 mm WWM through developer subdivison from ID 6114 on Thompson Rd westerly (MIL)	756	0	0	756	0
W	7502	7502	Halton Water Master Plan (2018 and 2020) (REG)	700	0	0	700	0
S	7527	7527	375mm WWM on Fairwood Place West from Hendrie Avenue to North Shore Boulevard West, and on North Shore	683	0	0	683	0
W	7497	7497	400mm WM on Sixth Line from approximately 300m southward of William Halton Parkway (RR 40) to	642	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	635	0
W	7510	7510	Water Distribution System Analysis (2017 to 2022) (REG)	550	0	0	550	0
S	7518	7518	Wastewater Collection System Analysis (2017 to 2022) (REG)	550	0	0	550	0
W	7512	7512	System Wide Transient Analysis Modelling Study (REG)	500	0	0	500	0

Note: Schedule may not add due to rounding.



Halton Region**2020 Allocation Program****Gross Expenditures 2018-2022 (\$000)**

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
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	480	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	0	468	0
W	6704	6704	200mm WM on Brock Ave from Elgin Street to Lakeshore Rd (BUR)	454	0	0	454	0
W	6714	6714	300mm WM on Brant from Fairview St to 180 m northerly (BUR)	405	0	0	405	0
W	6705	6705	200mm WM on Regina Drive from Maple Avenue to Ecole Renaissance Schoolyard (BUR)	377	0	0	377	0
W	6716	6716	200mm WM from end of Commerce Crt north to Fairview St (BUR)	370	0	0	370	0
W	7499	7499	2 system PRV's on Mountain View and Eighth Line at the creek (Georgetown Lakebased Transfer Implementation)	345	3,475	0	3,820	3,475
S	7540	7540	Decommissioning of Riverside WWPS and Shorewood Place WWPS (OAK)	300	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	286	0
W	7498	7498	Lake Based Servicing transfer of Derry Rd/R.R. 25 area (MIL)	280	(280)	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	463	193
W	7511	7511	Water Supply Capacity Annual Monitoring Report (2017 to 2022) (REG)	250	0	0	250	0
S	7519	7519	Wastewater Treatment Capacity Annual Monitoring Report (2017 to 2022) (REG)	250	0	0	250	0
W	6715	6715	300mm WM on Woodview Rd from Fairview St to 100 m Northerly (BUR)	231	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	(223)

Note: Schedule may not add due to rounding.

Halton Region

2020 Allocation Program

Gross Expenditures 2018-2022 (\$000)

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
W	7284	8039	400mm WM and valve chamber to be constructed on Neyagawa Blvd. (RR 4) (OAK)	0	211	0	211	211
S	7521	7521	Black Creek Monitoring Program (2019 to 2022) (HHACT)	200	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	150	0	0	150	0
S	7168	7168	450 mm sewer on Burnhamthorpe Rd from Neyagawa Blvd. to King's Christian Collegiate (OAK)	130	(130)	0	0	(130)
S	7168	8038	450 mm sewer on Burnhamthorpe Rd from Neyagawa Blvd. to King's Christian Collegiate (OAK)	0	110	0	110	110
S	7544	7544	Boyne WWPS - Decommissioning upon completion of gravity sewers #7159, #6382, #6381 (MIL)	100	0	0	100	0
S	7551	7551	1,200 L/s WWPS on Trafalgar Rd/ Britannia Rd - Construction (MIL)	22,107	27,090	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	18,925	14,045
S	6499	6499	300 mm WWM on Britannia Rd from 8th Line to Trafalgar/ Britannia WWPS (MIL)	1,148	9,500	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	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	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	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	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	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	23,108	9,265

Note: Schedule may not add due to rounding.



Halton Region**2020 Allocation Program****Gross Expenditures 2018-2022 (\$000)**

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
S	7554	7554	1050 mm WWM on Auburn Rd from Hwy 401 crossing easement to Trafalgar Rd - Construction (MIL)	4,473	9,265	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	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	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 QEW. Phase 1 (OAK)	8,379	11,513	0	19,892	11,513
S	7533	7533	Twinned 750 mm WWFM on Britannia Rd from Trafalgar Rd to 6th Line - Construction (MIL)	11,774	2,967	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	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	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	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	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	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	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	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	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	82	82

Note: Schedule may not add due to rounding.



Halton Region**2020 Allocation Program****Gross Expenditures 2018-2022 (\$000)**

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
W	6318	6318	300mm WM on No 14 Siderd from Tremaine Rd. to Milton Reservoir (Zone M5G) (MIL)	1,799	1,056	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	2,641	975
W	5853	5853	600mm WM on Tremaine Rd from Dundas St to approximately 950 m north-Design (North Oakville Lands)	284	(84)	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	584	584
W	7513	7513	4th Line Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (MIL)	1,884	0	0	1,884	0
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	(13,806)	2,533	(13,806)
S	7526	7526	Agnes St WWPS Strategy. Scoping Study, EA and Design. (HHACT)	7,239	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	5,423	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	(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	3,028	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	(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	(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	(17,957)	0	(17,957)
W	5951	5951	Design of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	11,975	0	(11,975)	0	(11,975)

Note: Schedule may not add due to rounding.



Halton Region
2020 Allocation Program
Gross Expenditures 2018-2022 (\$000)

	OLD ID	NEW ID	Description	Per FN-49-19/ PW-50-19/ LPS112-19	Cost Changes/ Cancelled	Deferred	Total Revised	Difference
S	6585	6585	Twinned 900 mm WWFM from Lower Base Line to RR 25 (MIL)	1,270	0	(1,270)	0	(1,270)
S	6584	6584	1,805 L/s WWPS at Lower Base Line and 4th Line (MIL)	607	0	(607)	0	(607)
W	6685	6685	Bulk Water Stations on Existing Sites (REG)	1,997	(1,997)	0	0	(1,997)
S	6530	6530	300 mm WWM on Kerr St between Forster Park and Rebecca	957	(957)	0	0	(957)
S	7539	7539	Norval WWPS - Capacity upgrade (HHGEO)	347	(347)	0	0	(347)
S	7542	7542	Main St WWPS Capacity Upgrade (HHGEO)	260	(260)	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	(153)
W			Commitments	25,484	0	0	25,484	0
S			Commitments	34,917	(0)	0	34,917	(0)
R			Commitments	2,660	0	0	2,660	0
G			General Services DC Collection	44,033	0	0	44,033	0
Total				\$ 1,488,849	\$ 483,003	\$ (381,905)	\$ 1,589,948	\$ 101,098

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 from Fairwood PI to Lasalle WWPS (BUR)

Financing Summary

Residential Share	\$ 954,768
Regional Share:	
Non-Residential Interim Financing (Revolving Fund/Tax Capital Reserve)	424,079
Non-Growth (Tax Capital/Rate Reserves)	157,962
Subsidy/External Recoveries	53,139
Total	\$ 1,589,948

Note: Schedule may not add due to rounding.

