



Halton Region Budget and Business Plan 2021

Halton Region

Budget and Business Plan 2021

Tax - Capital

CAPITAL BUDGET
TAX-CAPITAL

2021
BUDGET & BUSINESS PLAN

2021 - 2030 TAX CAPITAL BUDGET (Uninflated \$000's)

	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHER	CAPITAL INVEST. RESERVE	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REGIONAL
2021 Finance									
Capital & Development Financing	610	-	610	173	431	6	-	-	-
Health									
Paramedic Services	1,361	-	1,361	18	134	1,209	-	-	-
Health -Other	-	-	-	-	-	-	-	-	-
Sub-total	1,361	-	1,361	18	134	1,209	-	-	-
Legislative & Planning Services									
Planning	12,820	-	12,820	29	2,870	9,921	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	12,820	-	12,820	29	2,870	9,921	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	6,598	-	6,598	-	-	6,598	-	-	-
Information Technology	6,349	-	6,349	-	-	6,349	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	12,947	-	12,947	-	-	12,947	-	-	-
Public Works									
Transportation	166,465	-	166,465	-	65,951	100,514	-	-	-
Waste Management	1,123	-	1,123	-	-	1,123	-	-	-
Sub-total	167,588	-	167,588	-	65,951	101,637	-	-	-
Halton Regional Police Service	6,239	-	6,239	125	306	5,809	-	-	-
TOTAL 2021	202,265	57	202,208	344	69,692	132,171	-	-	-
2022 Finance									
Capital & Development Financing	305	-	305	86	216	3	-	-	-
Health									
Paramedic Services	2,118	-	2,118	21	155	1,942	-	-	-
Health -Other	68	-	68	-	-	68	-	-	-
Sub-total	2,186	-	2,186	21	155	2,010	-	-	-
Legislative & Planning Services									
Planning	17,515	-	17,515	138	5,182	12,195	-	-	-
Economic Development	8,000	-	8,000	-	-	8,000	-	-	-
Sub-total	25,515	-	25,515	138	5,182	20,195	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	4,153	-	4,153	-	-	4,153	-	-	-
Information Technology	4,757	-	4,757	-	-	4,757	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	8,910	-	8,910	-	-	8,910	-	-	-
Public Works									
Transportation	159,036	-	159,036	-	72,303	86,733	-	-	-
Waste Management	1,868	-	1,868	-	-	1,868	-	-	-
Sub-total	160,904	-	160,904	-	72,303	88,601	-	-	-
Halton Regional Police Service	10,037	-	10,037	266	659	6,053	-	954	2,106
TOTAL 2022	208,557	57	208,500	511	78,515	126,415	-	954	2,106

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	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHER	CAPITAL INVEST. RESERVE	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REGIONAL
2023 Finance									
Capital & Development Financing	305	-	305	86	216	3	-	-	-
Health									
Paramedic Services	4,877	-	4,877	56	420	4,401	-	-	-
Health -Other	51	-	51	-	-	51	-	-	-
Sub-total	4,928	-	4,928	56	420	4,452	-	-	-
Legislative & Planning Services									
Planning	35,720	-	35,720	157	3,687	31,876	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	35,720	-	35,720	157	3,687	31,876	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	3,669	-	3,669	-	-	3,669	-	-	-
Information Technology	4,984	-	4,984	-	-	4,984	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	8,653	-	8,653	-	-	8,653	-	-	-
Public Works									
Transportation	94,315	-	94,315	-	44,392	49,923	-	-	-
Waste Management	13,247	-	13,247	33	636	12,578	-	-	-
Sub-total	107,562	-	107,562	33	45,028	62,501	-	-	-
Halton Regional Police Service	7,404	-	7,404	266	669	4,430	-	636	1,404
TOTAL 2023	165,272	57	165,215	599	50,019	112,557	-	636	1,404
2024 Finance									
Capital & Development Financing	305	-	305	86	216	3	-	-	-
Health									
Paramedic Services	5,224	-	5,224	91	681	4,452	-	-	-
Health -Other	51	-	51	-	-	51	-	-	-
Sub-total	5,275	-	5,275	91	681	4,503	-	-	-
Legislative & Planning Services									
Planning	14,460	-	14,460	315	4,074	10,071	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	14,460	-	14,460	315	4,074	10,071	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	32,862	-	32,862	-	-	32,862	-	-	-
Information Technology	5,455	-	5,455	-	-	5,455	-	-	-
Communications and Customer Service	15	-	15	-	-	15	-	-	-
Sub-total	38,332	-	38,332	-	-	38,332	-	-	-
Public Works									
Transportation	226,833	-	226,833	-	109,170	117,663	-	-	-
Waste Management	1,453	-	1,453	-	-	1,453	-	-	-
Sub-total	228,286	-	228,286	-	109,170	119,116	-	-	-
Halton Regional Police Service	5,938	-	5,938	266	679	4,994	-	-	-
TOTAL 2024	293,296	57	293,239	758	114,819	177,661	-	-	-

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	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHER	CAPITAL INVEST. RESERVE	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REGIONAL
2025 Finance									
Capital & Development Financing	814	-	814	230	575	8	-	-	-
Health									
Paramedic Services	2,720	-	2,720	31	229	2,460	-	-	-
Health -Other	17	-	17	-	-	17	-	-	-
Sub-total	2,737	-	2,737	31	229	2,477	-	-	-
Legislative & Planning Services									
Planning	12,720	-	12,720	243	4,398	8,079	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	12,720	-	12,720	243	4,398	8,079	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	3,707	-	3,707	-	-	3,707	-	-	-
Information Technology	5,090	-	5,090	-	-	5,090	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	8,797	-	8,797	-	-	8,797	-	-	-
Public Works									
Transportation	242,068	-	242,068	-	115,056	127,012	-	-	-
Waste Management	3,180	-	3,180	-	-	3,180	-	-	-
Sub-total	245,248	-	245,248	-	115,056	130,192	-	-	-
Halton Regional Police Service	7,515	-	7,515	258	651	6,606	-	-	-
TOTAL 2025	278,531	57	278,474	763	120,910	156,802	-	-	-
2026 Finance									
Capital & Development Financing	610	-	610	173	431	6	-	-	-
Health									
Paramedic Services	2,418	-	2,418	72	535	1,811	-	-	-
Health -Other	34	-	34	-	-	34	-	-	-
Sub-total	2,452	-	2,452	72	535	1,845	-	-	-
Legislative & Planning Services									
Planning	21,470	-	21,470	442	9,367	11,660	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	21,470	-	21,470	442	9,367	11,660	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	4,043	-	4,043	-	-	4,043	-	-	-
Information Technology	4,444	-	4,444	-	-	4,444	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	8,487	-	8,487	-	-	8,487	-	-	-
Public Works									
Transportation	243,275	-	243,275	-	131,166	112,109	-	-	-
Waste Management	898	-	898	-	-	898	-	-	-
Sub-total	244,173	-	244,173	-	131,166	113,007	-	-	-
Halton Regional Police Service	5,218	-	5,218	211	535	4,473	-	-	-
TOTAL 2026	283,110	57	283,053	898	142,034	140,121	-	-	-

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				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REGIONAL
2027 Finance									
Capital & Development Financing	305	-	305	86	216	3	-	-	-
Health									
Paramedic Services	3,849	-	3,849	62	461	3,326	-	-	-
Health -Other	17	-	17	-	-	17	-	-	-
Sub-total	3,866	-	3,866	62	461	3,343	-	-	-
Legislative & Planning Services									
Planning	13,720	-	13,720	243	4,398	9,079	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	13,720	-	13,720	243	4,398	9,079	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	4,193	-	4,193	-	-	4,193	-	-	-
Information Technology	4,869	-	4,869	-	-	4,869	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	9,062	-	9,062	-	-	9,062	-	-	-
Public Works									
Transportation	180,069	-	180,069	-	94,071	85,998	-	-	-
Waste Management	15,870	-	15,870	-	-	15,870	-	-	-
Sub-total	195,939	-	195,939	-	94,071	101,868	-	-	-
Halton Regional Police Service	5,900	-	5,900	75	204	5,621	-	-	-
TOTAL 2027	229,492	57	229,435	467	99,350	129,618	-	-	-
2028 Finance									
Capital & Development Financing	305	-	305	86	216	3	-	-	-
Health									
Paramedic Services	3,270	-	3,270	81	603	2,586	-	-	-
Health -Other	-	-	-	-	-	-	-	-	-
Sub-total	3,270	-	3,270	81	603	2,586	-	-	-
Legislative & Planning Services									
Planning	13,220	-	13,220	243	4,898	8,079	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	13,220	-	13,220	243	4,898	8,079	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	6,725	-	6,725	-	-	6,725	-	-	-
Information Technology	5,286	-	5,286	-	-	5,286	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	12,011	-	12,011	-	-	12,011	-	-	-
Public Works									
Transportation	118,362	-	118,362	-	72,771	45,591	-	-	-
Waste Management	5,032	-	5,032	-	-	5,032	-	-	-
Sub-total	123,394	-	123,394	-	72,771	50,623	-	-	-
Halton Regional Police Service	4,200	-	4,200	75	204	3,921	-	-	-
TOTAL 2028	157,100	57	157,043	486	78,692	77,865	-	-	-

CAPITAL BUDGET
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	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHER	CAPITAL INVEST. RESERVE	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REGIONAL
2029 Finance									
Capital & Development Financing	305	-	305	86	216	3	-	-	-
Health									
Paramedic Services	2,609	-	2,609	77	578	1,954	-	-	-
Health -Other	34	-	34	-	-	34	-	-	-
Sub-total	2,643	-	2,643	77	578	1,988	-	-	-
Legislative & Planning Services									
Planning	12,220	-	12,220	172	4,722	7,326	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	12,220	-	12,220	172	4,722	7,326	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	650	57	593	-	-	593	-	-	-
Sub-total	700	57	643	-	-	643	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	3,676	-	3,676	-	-	3,676	-	-	-
Information Technology	5,397	-	5,397	-	-	5,397	-	-	-
Communications and Customer Service	15	-	15	-	-	15	-	-	-
Sub-total	9,088	-	9,088	-	-	9,088	-	-	-
Public Works									
Transportation	137,766	-	137,766	-	79,519	58,247	-	-	-
Waste Management	1,470	-	1,470	-	-	1,470	-	-	-
Sub-total	139,236	-	139,236	-	79,519	59,717	-	-	-
Halton Regional Police Service	4,200	-	4,200	75	204	3,921	-	-	-
TOTAL 2029	168,392	57	168,335	410	85,239	82,686	-	-	-
2030 Finance									
Capital & Development Financing	814	-	814	230	575	8	-	-	-
Health									
Paramedic Services	7,597	-	7,597	66	495	7,036	-	-	-
Health -Other	51	-	51	-	-	51	-	-	-
Sub-total	7,648	-	7,648	66	495	7,087	-	-	-
Legislative & Planning Services									
Planning	12,520	-	12,520	215	4,828	7,478	-	-	-
Economic Development	-	-	-	-	-	-	-	-	-
Sub-total	12,520	-	12,520	215	4,828	7,478	-	-	-
Social & Community Services									
Childrens Services	50	-	50	-	-	50	-	-	-
Services for Seniors	770	57	713	-	-	713	-	-	-
Sub-total	820	57	763	-	-	763	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	6,804	-	6,804	-	-	6,804	-	-	-
Information Technology	4,248	-	4,248	-	-	4,248	-	-	-
Communications and Customer Service	-	-	-	-	-	-	-	-	-
Sub-total	11,052	-	11,052	-	-	11,052	-	-	-
Public Works									
Transportation	157,053	-	157,053	-	86,187	70,866	-	-	-
Waste Management	719	-	719	-	-	719	-	-	-
Sub-total	157,772	-	157,772	-	86,187	71,585	-	-	-
Halton Regional Police Service	4,200	-	4,200	75	204	3,921	-	-	-
TOTAL 2030	194,826	57	194,769	586	92,289	101,893	-	-	-

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	GROSS COST	SUBSIDY/ RECOVERY	NET REGIONAL RESPONS	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHER	CAPITAL INVEST. RESERVE	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REGIONAL
TOTAL Finance									
Capital & Development Financing	4,678	-	4,678	1,324	3,307	47	-	-	-
Health									
Paramedic Services	36,043	-	36,043	575	4,291	31,177	-	-	-
Health -Other	323	-	323	-	-	323	-	-	-
Sub-total	36,366	-	36,366	575	4,291	31,500	-	-	-
Legislative & Planning Services									
Planning	166,385	-	166,385	2,197	48,427	115,762	-	-	-
Economic Development	8,000	-	8,000	-	-	8,000	-	-	-
Sub-total	174,385	-	174,385	2,197	48,427	123,762	-	-	-
Social & Community Services									
Childrens Services	500	-	500	-	-	500	-	-	-
Services for Seniors	6,620	572	6,048	-	-	6,048	-	-	-
Sub-total	7,120	572	6,548	-	-	6,548	-	-	-
Strategic Transformation									
Energy, Fleet and Facilities	76,430	-	76,430	-	-	76,430	-	-	-
Information Technology	50,878	-	50,878	-	-	50,878	-	-	-
Communications and Customer Service	30	-	30	-	-	30	-	-	-
Sub-total	127,338	-	127,338	-	-	127,338	-	-	-
Public Works									
Transportation*	1,725,242	-	1,725,242	-	870,586	854,656	-	-	-
Waste Management	44,860	-	44,860	33	636	44,191	-	-	-
Sub-total	1,770,102	-	1,770,102	33	871,222	898,847	-	-	-
Halton Regional Police Service	60,852	-	60,852	1,691	4,312	49,749	-	1,590	3,510
TOTAL 2021-2030	2,180,841	572	2,180,269	5,820	931,559	1,237,790	-	1,590	3,510

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

* For Transportation Capital, the General Reserve includes the interim financing (\$440.3 million) for the roads non-residential development related costs through the Tax Capital Reserve. The non-residential development related costs will be fully recovered (including interest) from the collection of DCs as non-residential development proceeds in the future.

Halton Region

Budget and Business Plan 2021

Transportation

CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2021 TRANSPORTATION SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB*Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES				
<u>Efficiency and Optimization</u>										
PR-3246	7567	Miscellaneous R.O.W. Purchases and Road Dedication Engineering & Surveys (REG)	209				209			
		Sub-total	209				209			
<u>Enhanced Levels of Service</u>										
PR-2890B	7853	Traffic Signal Interconnect (REG)	157				157			
PR-2891B	7854	Operational Improvements (REG)	523				523			
PR-3350	7909	Retrofit Noise Attenuation Barriers - Various Locations (REG)	100				100			
		Sub-total	780				780			
<u>Growth</u>										
PR-3203	3991	Trafalgar Rd - Grade Separation at CN Crossing north of Maple Ave (HHS) (Regional Road 3)	1,819			1,071	748			
PR-3203	5376	Trafalgar Rd - Grade Separation at Metrolinx Crossing south of Hwy 7 (HHS) (Regional Road 3)	1,200			653	547			
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)	825			486	339			
PR-2961B	7565	Trafalgar Road - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) (Regional Road 3)	40,400			19,909	20,491			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

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2021 TRANSPORTATION SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
	5839	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Britannia Road (MIL) (Regional Road 4)	3,604			2,191	1,413			
PR-3200	3984	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Northampton (BUR) (Regional Road 5)	40,756			20,606	20,150			
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	2,646			1,033	1,613			
PR-3131	6819	Steeles Avenue - Widening from 2 to 4 lanes from Tremaine Road to Industrial Drive (MIL) (Regional Road 8)	226			115	111			
PR-3036	6808	Ninth Line - Widening from 2 to 4 lanes from Burnhamthorpe Road to Highway 407 (OAK) (Regional Road 13)	4,198			2,015	2,183			
PR-3037	6809	Ninth Line - Widening from 2 to 4 lanes from Dundas Street to Burnhamthorpe Road (OAK) (Regional Road 13)	1,868			956	912			
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)	501			269	232			
	6830	Tremaine Road - Widening from 2 to 4 lanes from Dundas Street to Lower Base Line (OAK) (Regional Road 22)	10,353			4,638	5,715			
	6811	Regional Road 25 - Widening from 2 to 4 lanes from 5 Side Road to 10 Side Road (HHS) (Regional Road 25)	1,057			541	516			
	6815	Regional Road 25 - Widening from 4 to 6 lanes from Britannia Road to Derry Road (MIL) (Regional Road 25)	825			541	284			
PR-3379	6818	Bronte Road - Widening from 4 to 6 lanes from Speers Road to Highway 407 (OAK) (Regional Road 25)	7,166			4,127	3,039			
PR-3303	7809	Wyecroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK)	4,200			2,688	1,512			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2021 TRANSPORTATION SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-2314	5426	Active Transportation Initiatives (REG)	51			16	35			
	7493	Active Transportation New Off-Road Capital Projects (REG)	242			140	102			
PR-2389	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	1,000			320	680			
PR-2888	6854	New Traffic Signals - Development (REG)	1,719			1,100	619			
PR-2889	6855	New Signalized Intersections (REG)	1,750			560	1,190			
PR-3205	7377	Intelligent Transportation System Implementation (REG)	2,500			800	1,700			
PR-2258	5196	Travel Demand Management Initiative (REG)	356			114	242			
PR-2315	5431	Traffic and Screen Line Counts & Studies (REG)	336			108	228			
PR-2877	6832	Data Management Group (REG)	157			100	57			
PR-3070	6833	Transportation Tomorrow Survey (REG)	105			67	38			
PR-3117	6837	Development Charge Background Study (REG)	471			301	170			
PR-2874	6838	Growth Management Studies (REG)	523			335	188			
PR-2878	6858	Cordon Count Data (REG)	105			67	38			
	7568	MTO Highway Studies (REG)	131			84	47			
		Sub-total	131,090			65,951	65,139			
Maintain Current Levels of Service										

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2021 TRANSPORTATION SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3292	7676	Guelph Line Resurfacing/Reconstruction from Colling Road to Britannia Road (BUR) (Regional Road 1)	2,318				2,318			
PR-3292	7677	Guelph Line Resurfacing/Reconstruction from No. 20 Side Road to No. 25 Side Road (MIL) (Regional Road 1)	3,836				3,836			
PR-3292	7678	Guelph Line Resurfacing/Reconstruction from No. 25 Side Road to No. 30 Side Road (MIL) (Regional Road 1)	3,839				3,839			
PR-3292	7679	Guelph Line Resurfacing/Reconstruction from No. 30 Side Road to No. 32 Side Road (MIL) (Regional Road 1)	1,433				1,433			
PR-3243B	7947	Campbellville Sedimentation Basin - Design (MIL)	660				660			
PR-3338B	7948	Campbellville Sedimentation Basin - Construction (MIL)	1,311				1,311			
PR-2236	7492	Winston Churchill Blvd - 17 Side Road to Old Pine Crest Road - 1 (HHS) Regional Road 19	825				825			
	7960	Miscellaneous Bridges and Culverts Rehabilitation & Replacement Program (REG)	4,093				4,093			
PR-3252	7674	Replacement Noise Attenuation Barriers (REG)	969				969			
PR-3252B	7950	Noisewall on Winston Churchill Boulevard from Bromsgrove Dr. to Benedict (HHS) RR	425				425			
PR-3338	7671	Storm System Construction (REG)	1,260				1,260			
PR-3291	7808	Regional Road Tree Replacement Program (REG)	100				100			
PR-2515B	7850	Streetlight Program (REG)	400				400			
PR-2662B	7851	Retaining Wall Rehabilitation & Replacement Program - Various Locations (REG)	106				106			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

BUDGET & BUSINESS PLAN

2021 TRANSPORTATION SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3035B	7856	Miscellaneous Capital Works Related to Road Resurfacing (REG)	2,556				2,556			
PR-3342	7919	Road Resurfacing Capital Program (REG)	9,710				9,710			
PR-3242	7672	Replacement Noise Attenuation Studies (REG)	50				50			
PR-3243	7675	Storm Sewer Inspections, Studies, and Condition Assessments (REG)	100				100			
PR-2319B	7846	Speed Reduction Education & Enforcement Campaign (REG)	135				135			
PR-2316B	7847	Road Needs Study Update (REG)	50				50			
PR-2416B	7848	Bridge and Culvert Inspections, Condition Assessments & Evaluation Studies (REG)	50				50			
PR-2415B	7849	Traffic Operations & Safety Related Studies (REG)	85				85			
	7958	Road Weather Information Systems (RWIS) Region-wide (REG)	50				50			
	7959	Road Weather Information Systems (RWIS) Inspections & Evaluation Studies (REG)	25				25			
		Sub-total	34,386				34,386			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Efficiency and Optimization													
PR-3246	7567	Miscellaneous R.O.W. Purchases and Road Dedication Engineering & Surveys (REG)	1,327	209	209	209	100	100	100	100	100	100	100
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	100	10	10	10	10	10	10	10	10	10	10
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	1,227	199	199	199	90	90	90	90	90	90	90
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
		Sub-Total Efficiency and Optimization	1,327	209	209	209	100	100	100	100	100	100	100
Enhanced Levels of Service													
PR-2890B	7853	Traffic Signal Interconnect (REG)	1,570	157	157	157	157	157	157	157	157	157	157
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	1,570	157	157	157	157	157	157	157	157	157	157
PR-2891B	7854	Operational Improvements (REG)	2,646	523	523	200	200	200	200	200	200	200	200
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	2,646	523	523	200	200	200	200	200	200	200	200

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3350	7909	Retrofit Noise Attenuation Barriers - Various Locations (REG)	200	100	100	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	200	100	100	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
		Sub-Total Enhanced Levels of Service	4,416	780	780	357	357	357	357	357	357	357	357
Growth													
PR-2322	2659	Guelph Line - Widening from 4 to 6 lanes from Mainway to Upper Middle Road (BUR) (Reg. Rd. 1)	10,650	-	-	-	-	1,217	1,550	7,883	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,217	-	-	-	-	1,217	-	-	-	-	-
		Property	1,550	-	-	-	-	-	1,550	-	-	-	-
		Utility Relocate	196	-	-	-	-	-	-	196	-	-	-
		Construction	7,687	-	-	-	-	-	-	7,687	-	-	-
	6805	Guelph Line - Widening from 4 to 6 lanes from Upper Middle Road to Dundas Street (Regional Road 1) (BUR)	4,979	-	-	-	-	-	-	825	1,744	2,096	314
		EA	825	-	-	-	-	-	-	825	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,744	-	-	-	-	-	-	-	1,744	-	-
		Property	2,096	-	-	-	-	-	-	-	-	2,096	-
		Utility Relocate	314	-	-	-	-	-	-	-	-	-	314
		Construction	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	7,500	-	7,500	-	-	-	-	-	-	-	-
		Utility Relocate	1,600	-	1,600	-	-	-	-	-	-	-	-
		Construction	16,336	-	16,336	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3203	3991	Trafalgar Rd - Grade Separation at CN Crossing north of Maple Ave (HHS) (Regional Road 3)	28,643	1,819	-	-	26,824	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,819	1,819	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	26,824	-	-	-	26,824	-	-	-	-	-	-
PR-3203	5376	Trafalgar Rd - Grade Separation at Metrolinx Crossing south of Hwy 7 (HHS) (Regional Road 3)	18,286	1,200	-	-	17,086	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,200	1,200	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	17,086	-	-	-	17,086	-	-	-	-	-	-
	6823	Trafalgar Road - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 3)	33,116	-	825	-	3,733	2,603	618	25,337	-	-	-
		EA	825	-	825	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	3,733	-	-	-	3,733	-	-	-	-	-	-
		Property	2,603	-	-	-	-	2,603	-	-	-	-	-
		Utility Relocate	618	-	-	-	-	-	618	-	-	-	-
		Construction	25,337	-	-	-	-	-	-	25,337	-	-	-
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)	61,117	825	-	-	-	-	7,029	11,766	-	947	40,550
		EA	825	825	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	7,029	-	-	-	-	-	7,029	-	-	-	-
		Property	11,766	-	-	-	-	-	-	11,766	-	-	-
		Utility Relocate	947	-	-	-	-	-	-	-	-	947	-
		Construction	40,550	-	-	-	-	-	-	-	-	-	40,550

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2961B	7565	Trafalgar Road - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) (Regional Road 3)	40,400	40,400	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	500	500	-	-	-	-	-	-	-	-	-
		Property	17,900	17,900	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	22,000	22,000	-	-	-	-	-	-	-	-	-
PR-2960B	7756	Trafalgar Road Widening from 2 to 4 Lanes from 10 Side Road to Hwy 7 (HHS) (Regional Road 3)	49,121	-	-	-	49,121	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	49,121	-	-	-	49,121	-	-	-	-	-	-
	5839	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Britannia Road (MIL) (Regional Road 4)	33,368	3,604	887	28,877	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	3,604	3,604	-	-	-	-	-	-	-	-	-
		Utility Relocate	887	-	887	-	-	-	-	-	-	-	-
		Construction	28,877	-	-	28,877	-	-	-	-	-	-	-
	6806	James Snow Parkway - New 6 lane road from Highway 407 to Britannia Road (MIL) (Regional Road 4)	21,067	-	-	-	1,100	-	-	3,538	15,719	710	-
		EA	1,100	-	-	-	1,100	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	3,538	-	-	-	-	-	-	3,538	-	-	-
		Property	15,719	-	-	-	-	-	-	-	15,719	-	-
		Utility Relocate	710	-	-	-	-	-	-	-	-	710	-
		Construction	-	-	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6807	James Snow Parkway - Widening from 4 to 6 lanes from Highway 401 to Tremaine Road (MIL) (Regional Road 4)	59,450	-	-	825	-	6,784	3,688	1,124	-	-	47,029
		EA	825	-	-	825	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	6,784	-	-	-	-	6,784	-	-	-	-	-
		Property	3,688	-	-	-	-	-	3,688	-	-	-	-
		Utility Relocate	1,124	-	-	-	-	-	-	1,124	-	-	-
		Construction	47,029	-	-	-	-	-	-	-	-	-	47,029
PR-2671B	3983	Dundas Street - Widening from 4 to 6 lanes from Tremaine Road to Bronte Road (OAK) (Regional Rd 5)	5,500	-	5,500	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	5,500	-	5,500	-	-	-	-	-	-	-	-
PR-3200	3984	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Northampton (BUR) (Regional Road 5)	40,756	40,756	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	1,049	1,049	-	-	-	-	-	-	-	-	-
		Construction	39,707	39,707	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	1,628	-	1,628	-	-	-	-	-	-	-	-
		Construction	19,727	-	19,727	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
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	25,787	2,646	-	-	-	23,141	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,812	1,812	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	834	834	-	-	-	-	-	-	-	-	-
		Construction	23,141	-	-	-	-	23,141	-	-	-	-	-
PR-3128	6757	"5 1/2 Line" - New 6 lane road from Britannia Road to Steeles Avenue & Interchange at Highway 401 (MIL)	49,338	-	-	566	-	9,082	-	38,835	-	-	855
		EA	566	-	-	566	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	9,082	-	-	-	-	9,082	-	-	-	-	-
		Property	38,835	-	-	-	-	-	-	38,835	-	-	-
		Utility Relocate	855	-	-	-	-	-	-	-	-	-	855
		Construction	-	-	-	-	-	-	-	-	-	-	-
	6804	Derry Road - Widening from 4 to 6 lanes from Tremaine Road to Highway 407 (MIL) (Regional Road 7)	16,126	-	-	-	-	-	825	-	10,490	2,935	1,876
		EA	825	-	-	-	-	-	825	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	10,490	-	-	-	-	-	-	-	10,490	-	-
		Property	2,935	-	-	-	-	-	-	-	-	2,935	-
		Utility Relocate	1,876	-	-	-	-	-	-	-	-	-	1,876
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-3145	5181	Steeles Avenue - Grade Separation at CN crossing west of Bronte Street (MIL) (Regional Road 8)	18,773	-	-	-	-	-	18,773	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	18,773	-	-	-	-	-	18,773	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3131	6819	Steeles Avenue - Widening from 2 to 4 lanes from Tremaine Road to Industrial Drive (MIL) (Regional Road 8)	10,741	226	-	-	-	-	10,515	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	226	226	-	-	-	-	-	-	-	-	-
		Construction	10,515	-	-	-	-	-	10,515	-	-	-	-
PR-3381	6821	Steeles Avenue - Widening from 4 to 6 lanes from Regional Road 25 to Trafalgar Road (MIL) (Regional Road 8)	61,453	-	6,561	8,476	46,416	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	6,561	-	6,561	-	-	-	-	-	-	-	-
		Property	7,407	-	-	7,407	-	-	-	-	-	-	-
		Utility Relocate	1,069	-	-	1,069	-	-	-	-	-	-	-
		Construction	46,416	-	-	-	46,416	-	-	-	-	-	-
	6822	Steeles Avenue - Widening from 4 to 6 lanes (with RBL) from Trafalgar Road to Winston Churchill Boulevard (HHS) (Regional Road 8)	46,051	-	-	825	-	4,128	11,743	727	28,628	-	-
		EA	825	-	-	825	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	4,128	-	-	-	-	4,128	-	-	-	-	-
		Property	11,743	-	-	-	-	-	11,743	-	-	-	-
		Utility Relocate	727	-	-	-	-	-	-	727	-	-	-
		Construction	28,628	-	-	-	-	-	-	-	28,628	-	-
	6758	10 Side Road - Widening from 2 to 4 lanes from Trafalgar Road to Winston Churchill Boulevard (HHS) (Regional Road 10)	12,535	-	-	-	-	550	-	3,370	-	7,865	750
		EA	550	-	-	-	-	550	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	3,370	-	-	-	-	-	-	3,370	-	-	-
		Property	7,865	-	-	-	-	-	-	-	-	7,865	-
		Utility Relocate	750	-	-	-	-	-	-	-	-	-	750
		Construction	-	-	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3036	6808	Ninth Line - Widening from 2 to 4 lanes from Burnhamthorpe Road to Highway 407 (OAK) (Regional Road 13)	16,337	4,198	1,370	10,769	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	2,160	2,160	-	-	-	-	-	-	-	-	-
		Property	2,038	2,038	-	-	-	-	-	-	-	-	-
		Utility Relocate	1,370	-	1,370	-	-	-	-	-	-	-	-
		Construction	10,769	-	-	10,769	-	-	-	-	-	-	-
PR-3037	6809	Ninth Line - Widening from 2 to 4 lanes from Dundas Street to Burnhamthorpe Road (OAK) (Regional Road 13)	17,152	1,868	4,243	-	331	10,710	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,868	1,868	-	-	-	-	-	-	-	-	-
		Property	4,243	-	4,243	-	-	-	-	-	-	-	-
		Utility Relocate	331	-	-	-	331	-	-	-	-	-	-
		Construction	10,710	-	-	-	-	10,710	-	-	-	-	-
PR-2876B	7336	Ninth Line - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) Regional Road 13	38,242	-	-	-	-	-	38,242	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	38,242	-	-	-	-	-	38,242	-	-	-	-
	6824	Brant Street Widening from 4 to 6 lanes from North Service Road to Dundas Street (BUR) (Regional Road 18)	27,681	-	-	825	-	2,348	7,534	16,974	-	-	-
		EA	825	-	-	825	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	2,348	-	-	-	-	2,348	-	-	-	-	-
		Property	7,131	-	-	-	-	-	7,131	-	-	-	-
		Utility Relocate	403	-	-	-	-	-	403	-	-	-	-
		Construction	16,974	-	-	-	-	-	-	16,974	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
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)	10,482	-	500	1,474	-	8,508	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	500	-	500	-	-	-	-	-	-	-	-
		Utility Relocate	1,474	-	-	1,474	-	-	-	-	-	-	-
		Construction	8,508	-	-	-	-	8,508	-	-	-	-	-
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)	10,735	-	-	304	-	1,266	-	2,914	-	549	5,702
		EA	304	-	-	304	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,266	-	-	-	-	1,266	-	-	-	-	-
		Property	2,914	-	-	-	-	-	-	2,914	-	-	-
		Utility Relocate	549	-	-	-	-	-	-	-	-	549	-
		Construction	5,702	-	-	-	-	-	-	-	-	-	5,702
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)	2,886	501	-	-	2,385	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	501	501	-	-	-	-	-	-	-	-	-
		Construction	2,385	-	-	-	2,385	-	-	-	-	-	-
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)	6,116	-	-	-	-	797	-	-	-	788	4,531
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	797	-	-	-	-	797	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	788	-	-	-	-	-	-	-	-	788	-
		Construction	4,531	-	-	-	-	-	-	-	-	-	4,531

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	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)	3,467	-	-	-	-	452	-	-	-	396	2,619
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	452	-	-	-	-	452	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	396	-	-	-	-	-	-	-	-	396	-
		Construction	2,619	-	-	-	-	-	-	-	-	-	2,619
	7494	Norval Bypass (HHS)	17,739	-	-	-	-	-	17,739	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	17,739	-	-	-	-	-	17,739	-	-	-	-
	6812	Appleby Line - Widening from 4 to 6 lanes from Fairview Street to Taywood Drive (BUR) (Regional Road 20)	48,362	-	-	-	-	5,576	-	3,125	724	38,937	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	5,576	-	-	-	-	5,576	-	-	-	-	-
		Property	3,125	-	-	-	-	-	-	3,125	-	-	-
		Utility Relocate	724	-	-	-	-	-	-	-	724	-	-
		Construction	38,937	-	-	-	-	-	-	-	-	38,937	-
	7689	Appleby Line at Harvester Road (Intersection Improvements) (BUR) (Regional Road 20)	6,767	-	-	-	-	2,992	3,775	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	2,992	-	-	-	-	2,992	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	3,775	-	-	-	-	-	3,775	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6803	Burloak Drive - Widening from 4 to 6 lanes from Harvester Road to Upper Middle Road (BUR) (Regional Road 21)	30,165	-	-	-	-	550	3,264	3,373	394	22,584	-
		EA	550	-	-	-	-	550	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	3,264	-	-	-	-	-	3,264	-	-	-	-
		Property	3,373	-	-	-	-	-	-	3,373	-	-	-
		Utility Relocate	394	-	-	-	-	-	-	-	394	-	-
		Construction	22,584	-	-	-	-	-	-	-	-	22,584	-
	7485	Burloak Drive - (CONSTRUCTION ONLY) 4 lane urbanization from north of QEW to Upper Middle Road (BUR) Regional Road 21	4,384	-	-	-	4,384	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	4,384	-	-	-	4,384	-	-	-	-	-	-
	6810	North Service Road - New 4 lanes from Burloak Drive to Bronte Road (OAK)	13,610	-	-	-	-	-	1,100	-	1,622	10,574	314
		EA	1,100	-	-	-	-	-	1,100	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,622	-	-	-	-	-	-	-	1,622	-	-
		Property	10,574	-	-	-	-	-	-	-	-	10,574	-
		Utility Relocate	314	-	-	-	-	-	-	-	-	-	314
		Construction	-	-	-	-	-	-	-	-	-	-	-
	5845	Tremaine Road - Widening from 4 to 6 lanes from Highway 401 to Derry Road (MIL) (Regional Road 22)	75,202	-	23,589	-	1,248	50,365	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	6,842	-	6,842	-	-	-	-	-	-	-	-
		Property	16,747	-	16,747	-	-	-	-	-	-	-	-
		Utility Relocate	1,248	-	-	-	1,248	-	-	-	-	-	-
		Construction	50,365	-	-	-	-	50,365	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6830	Tremaine Road - Widening from 2 to 4 lanes from Dundas Street to Lower Base Line (OAK) (Regional Road 22)	40,718	10,353	-	647	29,718	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	4,489	4,489	-	-	-	-	-	-	-	-	-
		Property	5,864	5,864	-	-	-	-	-	-	-	-	-
		Utility Relocate	647	-	-	647	-	-	-	-	-	-	-
		Construction	29,718	-	-	-	29,718	-	-	-	-	-	-
	6834	Tremaine Road - Widening from 2 to 4 lanes from Lower Base Line to Britannia Road (MIL) (Regional Road 22)	27,075	-	3,059	2,794	477	20,745	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	3,059	-	3,059	-	-	-	-	-	-	-	-
		Property	2,794	-	-	2,794	-	-	-	-	-	-	-
		Utility Relocate	477	-	-	-	477	-	-	-	-	-	-
		Construction	20,745	-	-	-	-	20,745	-	-	-	-	-
	6811	Regional Road 25 - Widening from 2 to 4 lanes from 5 Side Road to 10 Side Road (HHS) (Regional Road 25)	12,762	1,057	3,955	462	7,288	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,057	1,057	-	-	-	-	-	-	-	-	-
		Property	3,955	-	3,955	-	-	-	-	-	-	-	-
		Utility Relocate	462	-	-	462	-	-	-	-	-	-	-
		Construction	7,288	-	-	-	7,288	-	-	-	-	-	-
PR-3379	6814	Regional Road 25 - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 25)	53,647	-	5,980	4,838	-	919	41,910	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	5,980	-	5,980	-	-	-	-	-	-	-	-
		Property	4,838	-	-	4,838	-	-	-	-	-	-	-
		Utility Relocate	919	-	-	-	-	919	-	-	-	-	-
		Construction	41,910	-	-	-	-	-	41,910	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6815	Regional Road 25 - Widening from 4 to 6 lanes from Britannia Road to Derry Road (MIL) (Regional Road 25)	24,011	825	-	-	2,430	2,978	474	17,304	-	-	-
		EA	825	825	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	2,430	-	-	-	2,430	-	-	-	-	-	-
		Property	2,978	-	-	-	-	2,978	-	-	-	-	-
		Utility Relocate	474	-	-	-	-	-	474	-	-	-	-
		Construction	17,304	-	-	-	-	-	-	17,304	-	-	-
PR-3130	6817	Regional Road 25 - Widening from 4 to 6 lanes from Steeles Avenue to 5 Side Road (MIL) (Regional Road 25)	48,657	-	1,700	-	-	-	46,957	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	1,700	-	1,700	-	-	-	-	-	-	-	-
		Construction	46,957	-	-	-	-	-	46,957	-	-	-	-
PR-3379	6818	Bronte Road - Widening from 4 to 6 lanes from Speers Road to Highway 407 (OAK) (Regional Road 25)	65,318	7,166	-	6,945	1,035	50,172	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	7,166	7,166	-	-	-	-	-	-	-	-	-
		Property	6,945	-	-	6,945	-	-	-	-	-	-	-
		Utility Relocate	1,035	-	-	-	1,035	-	-	-	-	-	-
		Construction	50,172	-	-	-	-	50,172	-	-	-	-	-
	6825	Upper Middle Road - Widening from 4 to 6 lanes from Appleby Line to Burloak Drive (BUR) (Regional Road 38)	17,381	-	-	-	-	825	-	1,739	2,109	317	12,391
		EA	825	-	-	-	-	825	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,739	-	-	-	-	-	-	1,739	-	-	-
		Property	2,109	-	-	-	-	-	-	-	2,109	-	-
		Utility Relocate	317	-	-	-	-	-	-	-	-	317	-
		Construction	12,391	-	-	-	-	-	-	-	-	-	12,391

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6826	Upper Middle Road - Widening from 4 to 6 lanes from Trafalgar Road to Grand Boulevard (OAK) (Regional Road 38)	19,941	-	-	-	535	2,065	2,477	311	14,553	-	-
		EA	535	-	-	-	535	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	2,065	-	-	-	-	2,065	-	-	-	-	-
		Property	2,477	-	-	-	-	-	2,477	-	-	-	-
		Utility Relocate	311	-	-	-	-	-	-	311	-	-	-
		Construction	14,553	-	-	-	-	-	-	-	14,553	-	-
	6828	Upper Middle Road - Widening from 4 to 6 lanes from Bronte Road to Neyagawa Boulevard (OAK) (Regional Road 38)	43,416	-	-	-	825	-	4,416	6,045	810	31,320	-
		EA	825	-	-	-	825	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	4,416	-	-	-	-	-	4,416	-	-	-	-
		Property	6,045	-	-	-	-	-	-	6,045	-	-	-
		Utility Relocate	810	-	-	-	-	-	-	-	810	-	-
		Construction	31,320	-	-	-	-	-	-	-	-	31,320	-
	6829	Upper Middle Road - Widening from 4 to 6 lanes from Ninth Line to Winston Churchill Boulevard (OAK) (Regional Road 38)	23,027	-	-	825	-	2,579	1,359	394	17,870	-	-
		EA	825	-	-	825	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	2,579	-	-	-	-	2,579	-	-	-	-	-
		Property	1,359	-	-	-	-	-	1,359	-	-	-	-
		Utility Relocate	394	-	-	-	-	-	-	394	-	-	-
		Construction	17,870	-	-	-	-	-	-	-	17,870	-	-
	7338	Upper Middle Road - Widening from 4 to 6 lanes from Neyagawa Boulevard to Trafalgar Road (OAK) Regional Road 38	15,554	-	-	-	321	-	1,837	-	2,194	336	10,866
		EA	321	-	-	-	321	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	1,837	-	-	-	-	-	1,837	-	-	-	-
		Property	2,194	-	-	-	-	-	-	-	2,194	-	-
		Utility Relocate	336	-	-	-	-	-	-	-	-	336	-
		Construction	10,866	-	-	-	-	-	-	-	-	-	10,866

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	7339	Upper Middle Road - Widening from 4 to 6 lanes from Grand Boulevard to Ninth Line (OAK) Regional Road 38	7,806	-	-	-	321	-	428	-	428	139	6,490
		EA	321	-	-	-	321	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	428	-	-	-	-	-	428	-	-	-	-
		Property	428	-	-	-	-	-	-	-	428	-	-
		Utility Relocate	139	-	-	-	-	-	-	-	-	139	-
		Construction	6,490	-	-	-	-	-	-	-	-	-	6,490
PR-3303	7809	Wycroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK)	27,300	4,200	23,100	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	4,200	4,200	-	-	-	-	-	-	-	-	-
		Utility Relocate	300	-	300	-	-	-	-	-	-	-	-
		Construction	22,800	-	22,800	-	-	-	-	-	-	-	-
PR-2314	5426	Active Transportation Initiatives (REG)	996	51	105	105	105	105	105	105	105	105	105
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	996	51	105	105	105	105	105	105	105	105	105
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
	7375	Active Transportation Infill Projects (REG)	1,100	-	877	223	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	1,100	-	877	223	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	7493	Active Transportation New Off-Road Capital Projects (REG)	21,586	242	1,928	1,729	3,415	4,421	899	2,411	2,254	1,124	3,163
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	21,586	242	1,928	1,729	3,415	4,421	899	2,411	2,254	1,124	3,163
	7928	Active Transportation Master Plan (REG)	744	-	-	372	-	-	-	-	372	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	744	-	-	372	-	-	-	-	372	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2389	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	7,408	1,000	780	780	780	780	780	627	627	627	627
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	7,408	1,000	780	780	780	780	780	627	627	627	627
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	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	17,190	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719	1,719

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2889	6855	New Signalized Intersections (REG)	9,914	1,750	628	1,256	628	1,256	628	1,256	628	1,256	628
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	9,914	1,750	628	1,256	628	1,256	628	1,256	628	1,256	628
PR-3205	7377	Intelligent Transportation System Implementation (REG)	5,000	2,500	2,500	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	5,000	2,500	2,500	-	-	-	-	-	-	-	-
PR-2258	5196	Travel Demand Management Initiative (REG)	3,560	356	356	356	356	356	356	356	356	356	356
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	3,560	356	356	356	356	356	356	356	356	356	356
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2315	5431	Traffic and Screen Line Counts & Studies (REG)	1,853	336	157	157	157	157	261	157	157	157	157
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	1,853	336	157	157	157	157	261	157	157	157	157
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2414	5444	Transportation Master Plan Study (REG)	2,092	-	-	1,046	-	-	-	-	1,046	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	2,092	-	-	1,046	-	-	-	-	1,046	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2877	6832	Data Management Group (REG)	1,570	157	157	157	157	157	157	157	157	157	157
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	1,570	157	157	157	157	157	157	157	157	157	157
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-3070	6833	Transportation Tomorrow Survey (REG)	210	105	-	-	-	-	105	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	210	105	-	-	-	-	105	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-3117	6837	Development Charge Background Study (REG)	942	471	-	-	-	-	471	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	942	471	-	-	-	-	471	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2874	6838	Growth Management Studies (REG)	5,230	523	523	523	523	523	523	523	523	523	523
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	5,230	523	523	523	523	523	523	523	523	523	523
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2878	6858	Cordon Count Data (REG)	626	105	52	52	52	52	105	52	52	52	52
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	626	105	52	52	52	52	105	52	52	52	52
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
	7568	MTO Highway Studies (REG)	1,310	131	131	131	131	131	131	131	131	131	131
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	1,310	131	131	131	131	131	131	131	131	131	131
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
	7569	Urban Design Guidelines (REG)	314	-	-	157	-	-	-	-	-	157	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	314	-	-	157	-	-	-	-	-	157	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
		Sub-Total Growth	1,520,983	131,090	137,973	78,215	203,601	219,792	230,943	145,195	105,412	126,857	141,905

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Maintain Current Levels of Service													
PR-3292	7676	Guelph Line Resurfacing/Reconstruction from Colling Road to Britannia Road (BUR) (Regional Road 1)	2,318	2,318	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	2,318	2,318	-	-	-	-	-	-	-	-	-
PR-3292	7677	Guelph Line Resurfacing/Reconstruction from No. 20 Side Road to No. 25 Side Road (MIL) (Regional Road 1)	3,836	3,836	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	3,836	3,836	-	-	-	-	-	-	-	-	-
PR-3292	7678	Guelph Line Resurfacing/Reconstruction from No. 25 Side Road to No. 30 Side Road (MIL) (Regional Road 1)	3,839	3,839	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	3,839	3,839	-	-	-	-	-	-	-	-	-
PR-3292	7679	Guelph Line Resurfacing/Reconstruction from No. 30 Side Road to No. 32 Side Road (MIL) (Regional Road 1)	1,433	1,433	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	1,433	1,433	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	7486	Derry Road - Reconstruction from Milborough Line to McNiven Road (MIL) Regional Road 7	3,636	-	-	585	-	3,051	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	585	-	-	585	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	3,051	-	-	-	-	3,051	-	-	-	-	-
	7739	Derry Road Reconstruction from Guelph Line to Walkers Line, and Derry Road Reconstruction from Appleby Line to Tremaine Road (MIL)	5,388	-	-	-	-	257	-	5,131	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	257	-	-	-	-	257	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	5,131	-	-	-	-	-	-	5,131	-	-	-
	7741	Derry Road Reconstruction from Twiss to Guelph Line, and Derry Road Reconstruction from Walkers Line to Appleby Line (BUR)	4,040	-	-	-	-	36	364	3,640	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	36	-	-	-	-	36	-	-	-	-	-
		Design	364	-	-	-	-	-	364	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	3,640	-	-	-	-	-	-	3,640	-	-	-
	7740	Campbellville Road Reconstruction from Milborough Line to Campbell Avenue (MIL)	4,284	-	-	-	-	-	-	-	204	-	4,080
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	204	-	-	-	-	-	-	-	204	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	4,080	-	-	-	-	-	-	-	-	-	4,080

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3243B	7947	Campbellville Sedimentation Basin - Design (MIL)	660	660	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	660	660	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-3338B	7948	Campbellville Sedimentation Basin - Construction (MIL)	1,311	1,311	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	1,311	1,311	-	-	-	-	-	-	-	-	-
PR-3241	7459	Winston Churchill Blvd. Roundabout and Realignment (10th Line to WCB) (HHS) (Regional Road 10)	2,114	-	2,114	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	2,114	-	2,114	-	-	-	-	-	-	-	-
	7683	Brant Street Reconstruction from Fairview Street to QEW (BUR) (Regional Road 18)	3,995	-	-	-	-	190	-	3,805	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	190	-	-	-	-	190	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	3,805	-	-	-	-	-	-	3,805	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2464	5312	Winston Churchill Blvd - from Old Pine Crest Road to Credit River (HHS) (Regional Road 19)	1,215	-	1,215	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	1,215	-	1,215	-	-	-	-	-	-	-	-
PR-2144	7491	Winston Churchill Boulevard - 2 lane Reconstruction from 10 Side Road to 5 Side Road (Halton's Share) - 2 (HHS) Regional Road 19	4,897	-	500	-	4,397	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	4,897	-	500	-	4,397	-	-	-	-	-	-
PR-2236	7492	Winston Churchill Blvd - 17 Side Road to Old Pine Crest Road - 1 (HHS) Regional Road 19	2,583	825	1,758	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	2,583	825	1,758	-	-	-	-	-	-	-	-
	7682	Regional Road 25 Reconstruction from North of Main Street to No. 32 Side Road (HHS) (Regional Road 25)	1,633	-	-	78	-	1,555	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	78	-	-	78	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	1,555	-	-	-	-	1,555	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3345	7666	Storm Pump Stations (REG)	2,295	-	1,000	-	200	-	560	160	175	200	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	2,295	-	1,000	-	200	-	560	160	175	200	-
PR-3338	7671	Storm System Construction (REG)	2,010	1,260	250	250	250	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	2,010	1,260	250	250	250	-	-	-	-	-	-
PR-3291	7808	Regional Road Tree Replacement Program (REG)	200	100	100	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	200	100	100	-	-	-	-	-	-	-	-
PR-2515B	7850	Streetlight Program (REG)	950	400	50	50	100	50	50	50	50	100	50
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	950	400	50	50	100	50	50	50	50	100	50

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2662B	7851	Retaining Wall Rehabilitation & Replacement Program - Various Locations (REG)	240	106	-	-	-	-	58	76	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	240	106	-	-	-	-	58	76	-	-	-
PR-3035B	7856	Miscellaneous Capital Works Related to Road Resurfacing (REG)	11,441	2,556	1,036	1,072	1,359	1,204	722	968	916	779	829
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	11,441	2,556	1,036	1,072	1,359	1,204	722	968	916	779	829
PR-3342	7919	Road Resurfacing Capital Program (REG)	98,559	9,710	10,362	10,724	13,591	12,042	7,218	9,675	9,156	7,789	8,292
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	98,559	9,710	10,362	10,724	13,591	12,042	7,218	9,675	9,156	7,789	8,292
	7960	Miscellaneous Bridges and Culverts Rehabilitation & Replacement Program (REG)	7,455	4,093	513	1,119	1,351	379	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	7,455	4,093	513	1,119	1,351	379	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3252	7674	Replacement Noise Attenuation Barriers (REG)	10,318	969	359	1,191	585	1,180	605	2,644	1,144	859	782
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	853	25	114	47	115	35	254	107	78	78	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	9,465	944	245	1,144	470	1,145	351	2,537	1,066	781	782
PR-3252B	7950	Noisewall on Winston Churchill Boulevard from Bromsgrove Dr. to Benedict (HHS) RR	425	425	-	-	-	-	-	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	425	425	-	-	-	-	-	-	-	-	-
	6885	Vehicle Replacements - Transportation (REG)	203	-	-	40	-	123	-	-	-	-	40
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	203	-	-	40	-	123	-	-	-	-	40
PR-2526	5644	Region-wide Traffic Operations Study Update (REG)	600	-	-	-	300	-	-	-	-	300	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	600	-	-	-	300	-	-	-	-	300	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3242	7672	Replacement Noise Attenuation Studies (REG)	1,140	50	160	50	170	50	180	50	190	50	190
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	1,140	50	160	50	170	50	180	50	190	50	190
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-3243	7675	Storm Sewer Inspections, Studies, and Condition Assessments (REG)	950	100	100	100	100	100	100	100	100	100	50
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	950	100	100	100	100	100	100	100	100	100	50
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2192B	7844	Transportation Infrastructure Management System (REG)	460	-	130	-	-	150	-	-	180	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	460	-	130	-	-	150	-	-	180	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2319B	7846	Speed Reduction Education & Enforcement Campaign (REG)	645	135	110	50	50	50	50	50	50	50	50
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	645	135	110	50	50	50	50	50	50	50	50
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2316B	7847	Road Needs Study Update (Region-wide) (REG) (REG)	500	50	50	50	50	50	50	50	50	50	50
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	500	50	50	50	50	50	50	50	50	50	50
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2416B	7848	Bridge and Culvert Inspections, Condition Assessments & Evaluation Studies (REG)	998	50	142	50	147	50	153	50	153	50	153
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	998	50	142	50	147	50	153	50	153	50	153
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-2415B	7849	Traffic Operations & Safety Related Studies (REG)	925	85	85	110	85	85	110	85	85	110	85
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	925	85	85	110	85	85	110	85	85	110	85
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
PR-3336	7907	Retaining Wall Inspections, Condition Assessments and Evaluation Studies (REG)	200	-	40	-	40	-	40	-	40	-	40
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	200	-	40	-	40	-	40	-	40	-	40
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

2021

TRANSPORTATION-CAPITAL

2021-2030 TRANSPORTATION FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID#	PROJECT DESCRIPTION	Gross Cost	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	7958	Road Weather Information Systems (RWIS) Region-wide (REG)	100	50	-	-	-	-	50	-	-	-	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	-	-	-	-	-	-	-	-	-	-	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	100	50	-	-	-	-	50	-	-	-	-
	7959	Road Weather Information Systems (RWIS) Inspections & Evaluation Studies (REG)	70	25	-	15	-	-	15	-	-	15	-
		EA	-	-	-	-	-	-	-	-	-	-	-
		Study	70	25	-	15	-	-	15	-	-	15	-
		Design	-	-	-	-	-	-	-	-	-	-	-
		Property	-	-	-	-	-	-	-	-	-	-	-
		Utility Relocate	-	-	-	-	-	-	-	-	-	-	-
		Construction	-	-	-	-	-	-	-	-	-	-	-
		Sub-Total Maintain Current Levels of Service	187,866	34,386	20,074	15,534	22,775	20,602	10,325	26,534	12,493	10,452	14,691
		TOTAL Required Financing	1,725,242	166,465	159,036	94,315	226,833	242,068	243,275	180,069	118,362	137,766	157,053

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

Waste Management

CAPITAL BUDGET

2021

WASTE MANAGEMENT-CAPITAL

BUDGET & BUSINESS PLAN

2021 WASTE MANAGEMENT SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
<u>Efficiency and Optimization</u>										
PR-3341	7924	Closed Landfill Sites - Property Sale (REG)	50				50			
		Sub-total	50				50			
<u>Maintain Current Levels of Service</u>										
PR-3237	7292	Bayview Closed Landfill - Pump Station Upgrades (BUR)	253				253			
	7638	Halton Waste Management Site - Grey Water Tank Replacement (REG)	20				20			
	7964	Insfrastructure Condition Assessments (REG)	50				50			
	7968	HWMS - Landscape the Berm ()	200				200			
	8030	HWMS - Roads Upgrades and Surfacing (REG)	550				550			
		Sub-total	1,073				1,073			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

WASTE MANAGEMENT-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<u>Efficiency and Optimization</u>													
PR-3341	7924	Closed Landfill Sites - Property Sale (REG)	50	50									
		Sub-total	50	50									
<u>Maintain Current Levels of Service</u>													
PR-3191	7228	Transfer Station - Organics - Study (REG)	300		300								
	7964	Insfrastructure Condition Assessments (REG)	50	50									
	7965	Transfer Station - Building Condition Assessment Study (REG)	50								50		
	7966	Transfer Station - Building Condition Assessment Rehab (REG)	150									150	
	7967	Closed Landfill Enviornmental Management Plan (REG)	450								150	300	
	7968	HWMS - Landscape the Berm ()	200	200									
PR-1742	3687	Halton Waste Management Site - Litter Control Fence (REG)	100				50				50		
PR-2368	5479	Halton Waste Management Site - Purchase Buffer Lands (REG)	2,000		500		500		500		500		
PR-3172	5629	Halton Waste Management Site- Cell 4 West (REG)	17,500					2,500		15,000			
PR-3025	7009	HWMS Optimization Study Implementation (REG)	100		100								
	7219	HWMS - Scales Upgrade (REG)	70				10		50			10	

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTE MANAGEMENT-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3237	7288	Halton Waste Management Site - Pump Station 1 - Upgrades (REG)	200			200							
	7291	Halton Waste Management Site - Tarping Machine Replacement (REG)	120		120								
	7638	Halton Waste Management Site - Grey Water Tank Replacement (REG)	130	20	100						10		
	7641	Halton Waste Management Site - Leachate System (REG)	515							50	465		
	7642	Halton Waste Management Site - Site Works (REG)	584							50	534		
	7795	Halton Waste Management Site - Buildings Management Site - 2028 (REG)	148								148		
	7796	Halton Waste Management Facility - SCADA Upgrades (REG)	579		174	405							
	7872	Halton Waste Management Site Optimization - Phase 2 (REG)	2,297		324	1,973							
	8030	HWMS - Roads Upgrades and Surfacing (REG)	1,070	550			120	400					
	7292	Bayview Closed Landfill - Pump Station Upgrades (BUR)	253	253									
PR-3235	6995	Closed Landfill Environmental Management Plan - 2023-2024 (REG)	425			125	300						
	7003	GPS System Landfill Equipment Replacement (REG)	300			150					150		
	7006	Equipment Replacement - Bulldozer - 2024 (REG)	2,800			1,400					1,400		
	7094	Equipment Replacement - Compactor (REG)	3,000			1,500					1,500		

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTE MANAGEMENT-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 WASTE MANAGEMENT FORECAST PROJECT FORECAST LISTING WASTE MANAGEMENT 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3236	7218	Oakville 4th Line (Closed) Landfill - Pump Station Upgrades (REG)	100				50					50	
	7229	Transfer Station - Organics - Construction (REG)	7,100			7,100							
	7290	Armstrong Closed Landfill - Stormwater Sewer (REG)	50			25					25		
	7293	Armstrong Closed Landfill - Pump Station Upgrades (REG)	50		50								
	7643	Georgetown And Bayview - Flow Meter (REG)	20							20			
	7644	Bayview Closed Landfill - Pump Station (REG)	50									50	
PR-3173	6997	Solid Waste Management Strategy 2030 (REG)	500										500
	6998	Buildings Assessment for Household Hazardous Waste - Study (REG)	20								20		
PR-3239	6999	Building Assessment for Household Hazardous Waste - Rehab (REG)	75									75	
	6888	Vehicle Replacements - Waste Management (REG)	1,944			219	373	85	238	475		335	219
		Sub-total	43,300	1,073	1,668	13,097	1,403	2,985	788	15,595	5,002	970	719
Regulation and Environmental Protection													
PR-3347	7945	Cell 3 Final Cover Erosion Control & Vegetation (REG)	345			100		120		125			
PR-2741	6222	Landfill Gas System (REG)	1,165		200	50	50	75	110	150	30	500	
		Sub-total	1,510		200	150	50	195	110	275	30	500	
		Total Required Financing	44,860	1,123	1,868	13,247	1,453	3,180	898	15,870	5,032	1,470	719

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

Other Regional Programs

CAPITAL BUDGET

OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021 OTHER REGIONAL PROGAMS PROJECT LISTING 2021 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY					
						DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
						NON-RES	RES			GROWTH	REGIONAL
<u>Finance</u> Capital & Development Financing											
T5219A	CSB000009	Growth Studies	610		610	173	431	6			
		Division Sub-total	610		610	173	431	6			
		Department Sub-total	610		610	173	431	6			
<u>Health</u> Paramedic Services											
	HAM000014	PS Vehicles	1,319		1,319	18	134	1,167			
T6719A	HAM000015	Defibrillators	42		42			42			
		Division Sub-total	1,361		1,361	18	134	1,209			
		Department Sub-total	1,361		1,361	18	134	1,209			
<u>Legislative & Planning Services</u> Planning											
T8019A	PPLN000002	Planning Litigation - OMB Hearings	1,500		1,500			1,500			
T8022A	PPLN000009	Forest Management Program	20		20			20			
T8021C	PPLN000017	Regional Official Plan Imp (2019)	200		200	29	70	101			
T7103B	PPLN000028	CHS - Assisted Housing Development	9,400		9,400		2,800	6,600			
	PPLN000034	Burlington Beach - Land	1,700		1,700			1,700			
		Division Sub-total	12,820		12,820	29	2,870	9,921			
		Department Sub-total	12,820		12,820	29	2,870	9,921			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021 OTHER REGIONAL PROGAMS PROJECT LISTING 2021 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY					
						DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
						NON-RES	RES			GROWTH	REGIONAL
Social & Community Services											
Childrens Services											
T7009A	SCS000002	Capital Improvement Support	50		50			50			
		Division Sub-total	50		50			50			
Services for Seniors											
T7200B	SNR000012	Allendale Equipment Replacement	228	20	208			208			
T7200C	SNR000013	Post Inn Equipment Replacement	260	23	237			237			
T7200D	SNR000014	Creek Way Village Equipment Replacement	162	14	148			148			
		Division Sub-total	650	57	593			593			
		Department Sub-total	700	57	643			643			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021 OTHER REGIONAL PROGAMS											
PROJECT LISTING 2021 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY					
						DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
						NON-RES	RES			GROWTH	REGIONAL
Strategic Transformation											
Energy, Fleet and Facilities											
T5016A	CSA000004	Region - Accessibility and Security	88		88			88			
T5021A	CSA000011	Landfill - Rehab & Replacement	139		139			139			
T5024A	CSA000015	Region - Building Condition Assessments	510		510			510			
T5026A	CSA000020	Energy Program	108		108			108			
	CSA000037	Non-Emergency Vehicle Replacement	32		32			32			
T5032E	CSA000069	WOC - Plumbing	49		49			49			
T5032F	CSA000070	WOC - HVAC	260		260			260			
T5020F	CSA000078	EMS - Station #07	32		32			32			
T5020H	CSA000080	EMS - Station #10	37		37			37			
T5022B	CSA000081	LTC - Allendale	167		167			167			
T5022C	CSA000082	LTC - Creek Way	99		99			99			
T5048A	CSA000107	Fleet Equipment - Replacement	77		77			77			
T5017D	CSA000112	Accommodation Strategy - Phase 2	5,000		5,000			5,000			
		Division Sub-total	6,598		6,598			6,598			
Information Technology											
T5410A	CST000001	Desktop Growth Licensing	36		36			36			
T5460A	CST000006	Technology - Replacement Servers	177		177			177			
T5460B	CST000007	Technology - Replacement Network	580		580			580			
T5450A	CST000008	Technology Infrastructure - New	178		178			178			
T5440A	CST000010	Microcomputer - Replacement	1,152		1,152			1,152			
T5470B	CST000015	Long Term Care Systems Replacement	150		150			150			
T5410D	CST000021	GIS Growth Licensing	26		26			26			
T5410E	CST000022	Security Infrastructure Growth Licensing	5		5			5			
T5410F	CST000023	Customer Service Growth Licensing	75		75			75			
T5410H	CST000024	Collaboration & Doc. Mngt Licensing	88		88			88			
T5430C	CST000031	Voice New	23		23			23			
T5440B	CST000032	Printers Replacement	254		254			254			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021 OTHER REGIONAL PROGAMS PROJECT LISTING 2021 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY					
						DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
						NON-RES	RES			GROWTH	REGIONAL
T5450B	CST000033	New Servers	135		135			135			
T5460F	CST000037	IT Data Centre	100		100			100			
T5480A	CST000038	Water Lab Information System	100		100			100			
T5440C	CST000041	Voice Replacement	164		164			164			
T5410T	CST000045	Region Aerial Photography	48		48			48			
T5410J	CST000049	PS Growth Licensing	5		5			5			
T5471E	CST000070	PS - Dispensing system replacement	250		250			250			
T5471F	CST000072	PS - ePCR System Replacement	240		240			240			
T5480K	CST000082	Maint. Work Management Replacement	100		100			100			
T5471H	CST000092	PS - Wireless	11		11			11			
T5480L	CST000093	PW CMMS Growth Licensing	60		60			60			
T5410Q	CST000103	DATS License Growth	3		3			3			
	CST000109	Enterprise WFM - PS Upgrade/Replacement	100		100			100			
T5420A	CST000110	Siebel System Upgrade	100		100			100			
T5420E	CST000111	SAP System Upgrade	200		200			200			
T5420MA	CST000112	GIS System Upgrade	50		50			50			
T5420JB	CST000115	SharePoint Upgrade	25		25			25			
T5420J	CST000116	Sire Upgrade/Replacement	90		90			90			
T5420FA	CST000117	Non-Enterprise Systems Upgrade/Replace	65		65			65			
T5420MC	CST000123	New Non-Enterprise Systems	63		63			63			
T5420JA	CST000131	Integration Platform Upgrd/Rplce-Biztalk	200		200			200			
T5410R	CST000133	Non-Enterprise Systems Growth Licensing	33		33			33			
T5420R	CST000134	IT Service Request & Asset Mgmt Rplce	50		50			50			
T5420MD	CST000138	Enterprise Sytem Enhancements	110		110			110			
T5480Q	CST000141	Info Works	70		70			70			
T5420MF	CST000142	Service Access Strategy	200		200			200			
T5476A	CST000152	Emergency Mass Notification System	50		50			50			
	CST000154	Purchasing - System Implementation	250		250			250			
	CST000158	IT Vehicle Replacement	35		35			35			
	CST000159	IT Security Systems New	150		150			150			
	CST000160	HRIS – Success Factors	250		250			250			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021 OTHER REGIONAL PROGRAMS											
PROJECT LISTING 2021 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY					
						DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
						NON-RES	RES			GROWTH	REGIONAL
	CST000161	Office365 Collaboration & Tool Migration	300		300			300			
		Division Sub-total	6,351		6,351			6,351			
		Department Sub-total	12,949		12,949			12,949			
		Total	28,440	57	28,383	220	3,435	24,728			
		Summary									
		Finance									
		Capital & Development Financing	610		610	173	431	6			
		Health									
		Paramedic Services	1,361		1,361	18	134	1,209			
		Legislative & Planning Services									
		Planning	12,820		12,820	29	2,870	9,921			
		Social & Community Services									
		Childrens Services	50		50			50			
		Services for Seniors	650	57	593			593			
		Strategic Transformation									
		Energy, Fleet and Facilities	6,598		6,598			6,598			
		Information Technology	6,351		6,351			6,351			
		Grand Total	28,440	57	28,383	220	3,435	24,728			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Finance													
	Capital & Development Financing												
T5219A	CSB000009	Growth Studies	4,678	610	305	305	305	814	610	305	305	305	814
		Finance	4,678	610	305	305	305	814	610	305	305	305	814
Health													
	Paramedic Services												
	HAM000014	PS Vehicles	24,447	1,319	1,869	3,157	1,609	2,513	2,207	3,636	3,006	2,392	2,739
T6719A	HAM000015	Defibrillators	6,105	42	86	132	2,205	92	94	96	147	100	3,111
	HAM000016	PS Master Plan	150			150							
	HAM000018	Power Stretchers	5,341		163	1,438	1,410	115	117	117	117	117	1,747
	Public Health												
	HO000005	Public Health Vehicle	102				51						51
	HO000007	Vaccine Fridges	221		68	51		17	34	17		34	
		Health	36,366	1,361	2,186	4,928	5,275	2,737	2,452	3,866	3,270	2,643	7,648
Legislative & Planning Services													
	Economic Development												
	ED000001	Halton Heritage Centre	8,000		8,000								
	Planning												
T8019A	PPLN000002	Planning Litigation - OMB 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)	400	200	100	100							
	PPLN000022	Regional Official Plan Update (2024)	4,500			1,000	2,000	1,500					
	PPLN000024	Vehicle Replacements - Planning	40				40						
	PPLN000025	Regional Official Plan Imp (2024)	800				200	200	200	200			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
T7103B	PPLN000028	CHS - Assisted Housing Development	99,500	9,400	9,450	9,450	11,200	10,000	10,000	10,000	10,000	10,000	10,000
	PPLN000033	Regional Official Plan (2029)	4,000						1,000	1,500	1,500		
	PPLN000034	Burlington Beach - Land	4,425	1,700	1,725	1,000							
	PPLN000035	Burlington Beach - Hydro Tower	23,000			23,000							
	PPLN000036	Burlington Beach - Recreational Works	8,533		2,382				6,151				
	PPLN000037	Burl Beach - Environmental Restoration	4,937		1,838				3,099				
	PPLN000042	20-Year Forest Management Plan	150			150							
	PPLN000044	Regional Official Plan Impl (2029)	400								200	200	
	PPLN000046	Regional Official Plan (2034)	2,500									1,000	1,500
		Legislative & Planning Services	174,385	12,820	25,515	35,720	14,460	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											
T7200B	SNR000012	Allendale Equipment Replacement	2,280	228	228	228	228	228	228	228	228	228	228
T7200C	SNR000013	Post Inn Equipment Replacement	2,600	260	260	260	260	260	260	260	260	260	260
T7200D	SNR000014	Creek Way Village Equipment Replacement	1,620	162	162	162	162	162	162	162	162	162	162
	SNR000018	LTC - Vehicle Replacement	120										120
		Social & Community Services	7,120	700	700	700	700	700	700	700	700	700	820
		Strategic Transformation											
		Communications & Customer Service											
	CCS000001	Postage Meter Replacement	30				15					15	
		Energy, Fleet and Facilities											
T5014A	CSA000002	Facility Office Space Accommodation	5,100			600	600	650	650	650	650	650	650

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
T5016A	CSA000004	Region - Accessibility and Security	988	88	100	100	100	100	100	100	100	100	100
T5018A	CSA000007	Museum - Rehab & Replacement	539		55	59	55	52	56	55	57	92	58
T5021A	CSA000011	Landfill - Rehab & Replacement	2,399	139	116	99	206	127	65	62	673	462	450
T5024A	CSA000015	Region - Building Condition Assessments	2,410	510	150	150	150	150	700	150	150	150	150
T5026A	CSA000020	Energy Program	1,008	108	100	100	100	100	100	100	100	100	100
T5029A	CSA000022	Building Automation System - Replacement	450		50	50	50	50	50	50	50	50	50
	CSA000037	Non-Emergency Vehicle Replacement	338	32		70	47	87		70	32		
T5038A	CSA000039	Equipment - Building Sciences Investigat	70			35					35		
T5040A	CSA000043	PS HQ & PW Operations Centre Expansion	31,600		2,000		29,600						
T5042A	CSA000045	Childcare Centres LTC	315		35	35	35	35	35	35	35	35	35
T5013Q	CSA000046	HRC - Exterior Closures	1,557			6				5	865		681
T5013C	CSA000047	HRC - Roofing	235					37	120				78
T5013D	CSA000048	HRC - Interior Construction	152			12		5	3	96	36		
T5013F	CSA000049	HRC - Interior Finishes	874			153		124	280	300	17		
T5013H	CSA000050	HRC - Plumbing	357			42		228	10	7	44		26
T5013I	CSA000051	HRC - HVAC	389			88	33	94	109		32	28	5
T5013J	CSA000052	HRC - Fire Protection	70					70					
T5013K	CSA000053	HRC - Electrical	775			269	72	51	39	2	342		
T5013L	CSA000054	HRC - Equipment	176					4	170				2
T5013M	CSA000055	HRC - Furnishings	113			7		51		55			
T5013O	CSA000056	HRC - Site Improvements	1,513			6	740	213	72	476	3		3
T5025B	CSA000057	NOC - Exterior Closures	10				10						
T5025C	CSA000058	NOC - Interior Construction	15		8					7			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
T5025E	CSA000060	NOC - Interior Finishes	55		5	50							
T5025F	CSA000061	NOC - Plumbing	24		3				21				
T5025G	CSA000062	NOC - HVAC	170		15		58	63	14		20		
T5025M	CSA000066	NOC - Civil and Mechanical Utilities	80			80							
T5032B	CSA000067	WOC - Exterior Closures	129						14	20	95		
T5032D	CSA000068	WOC - Interior Construction	45		25				4	16			
T5032E	CSA000069	WOC - Plumbing	91	49	15					11			16
T5032F	CSA000070	WOC - HVAC	625	260	137	59			15	106			48
T5032I	CSA000071	WOC - Equipment	30							4		26	
T5032K	CSA000072	WOC - Site Improvements	12		12								
T5020B	CSA000074	EMS - Station #00	475		168	55		3	30	65	154		
T5020C	CSA000075	EMS - Station #02	88		1		21	9	2	8	5	26	16
T5020D	CSA000076	EMS - Station #04	70		11	19	1	3	10	6	20		
T5020E	CSA000077	EMS - Station #05	279		228	7	2	11	3	21	1		6
T5020F	CSA000078	EMS - Station #07	310	32	7	48	35	41	20	22	55	31	19
T5020G	CSA000079	EMS - Station #08	202		11	8	8	57	18	21	45	26	8
T5020H	CSA000080	EMS - Station #10	157	37		2	12	12	6	4	4	31	49
T5022B	CSA000081	LTC - Allendale	8,722	167	277	501	594	688	1,006	1,109	1,655	873	1,852
T5022C	CSA000082	LTC - Creek Way	2,357	99	134	202	60	188	5	24	945	159	541
T5022D	CSA000083	LTC - Post Inn	3,838		184	150	148	274	220	235	224	653	1,750
T5013G	CSA000086	HRC - Conveying	455			435		20					
T5013N	CSA000087	HRC - Special Construction	8			8							
T5025H	CSA000088	NOC - Fire Protection	4		4								

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
T5032H	CSA000090	WOC - Electrical	68		15			43		10			
T5032N	CSA000091	WOC - Interior Finishes	240				50		50	90	50		
T5032M	CSA000092	WOC - Furnishings	134							38		96	
T5022E	CSA000093	LTC - IT Room - Allendale	20				20						
T5013R	CSA000094	HRC - Civil and Mechanical Utilities	34			2						32	
T5025N	CSA000096	NOC - Electrical Utilities	7							7			
T5025O	CSA000097	NOC - Furnishings	38							38			
T5032C	CSA000098	WOC - Roofing	20		4					16			
T5032O	CSA000100	WOC - Electrical Utilities	7		7								
T5020I	CSA000101	EMS - Station #12	288		200	7	4	13	8	5	12		39
T5020J	CSA000102	EMS - Station #14	20			2		9		4			5
T5020K	CSA000103	EMS - Station #03	162		11	53	30	18	2	19	28		1
T5020L	CSA000104	EMS - Station #06	215		10	77	4	11	10	30	43		30
T5020M	CSA000105	EMS - Station #13	73		21	2	5	4		18	2	11	10
T5020N	CSA000106	EMS - Storage Room	31		22	9							
T5048A	CSA000107	Fleet Equipment - Replacement	255	77	12	12	12	12	26	26	26	26	26
T5025P	CSA000108	NOC - Roofing	30								30		
T5032P	CSA000110	WOC - Conveying	90								90		
T5013S	CSA000111	HRC - Superstructure	19									19	
T5017D	CSA000112	Accommodation Strategy - Phase 2	5,000	5,000									
Information Technology													
T5410A	CST000001	Desktop Growth Licensing	376	36	36	37	37	38	38	38	38	39	39
T5410B	CST000002	ERP Growth Licensing	495		135	45	45	45	45	45	45	45	45

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
T5460A	CST000006	Technology - Replacement Servers	2,053	177	147	196	210	315	119	189	238	252	210
T5460B	CST000007	Technology - Replacement Network	4,710	580	500	255	535	585	500	500	500	500	255
T5450A	CST000008	Technology Infrastructure - New	2,657	178	171	201	301	301	301	301	301	301	301
T5440A	CST000010	Microcomputer - Replacement	12,078	1,152	1,078	1,231	1,282	1,324	1,054	1,250	1,260	1,481	966
T5470B	CST000015	Long Term Care Systems Replacement	750	150	50	150		50	150		50	150	
T5410D	CST000021	GIS Growth Licensing	378	26	77	35	35	30	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	550	75	75	50	50	50	50	50	50	50	50
T5410H	CST000024	Collaboration & Doc. Mngt Licensing	789	88	93	70	78	75	75	80	80	80	70
T5430C	CST000031	Voice New	244	23	24	24	24	24	25	25	25	25	25
T5440B	CST000032	Printers Replacement	1,968	254	263	168	128	326	124	195	170	170	170
T5450B	CST000033	New Servers	1,647	135	148	148	148	178	178	178	178	178	178
T5460F	CST000037	IT Data Centre	450	100	50		100	100			100		
T5480A	CST000038	Water Lab Information System	875	100	100	100	100	100	100	25	100	100	50
T5480C	CST000040	W/WW Application Maintenance	930		180	100	100	100	100	100	100	100	50
T5440C	CST000041	Voice Replacement	1,520	164	240	340	75	100	100	100	100	201	100
T5420N	CST000043	Waste Managment Systems Upgrade	120				20	80				20	
T5410T	CST000045	Region Aerial Photography	511	48	48	100		105		105		105	
T5440D	CST000047	PS Mobile Computer Replace	1,195		6	18	500	6	30	66	527	42	
T5410J	CST000049	PS Growth Licensing	238	5	19	37	10	27	27	27	32	27	27
T5420Q	CST000054	Asset Reporting Sys Upgrade/Rplcmt Riva	300			150					150		
T5460G	CST000069	SCADA Infrastructure/Server Replacement	508		24	105	75	42	42	24	105	16	75
T5471E	CST000070	PS - Dispensing system replacement	500	250							250		

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
T5471F	CST000072	PS - ePCR System Replacement	480	240						240			
T5480K	CST000082	Maint. Work Management Replacement	900	100	150	50	50	50	200	200	50		50
T5471H	CST000092	PS - Wireless	737	11	16	35	12	258	21	25	22	20	317
T5480L	CST000093	PW CMMS Growth Licensing	460	60	60	60	40	40	40	40	40	40	40
T5471I	CST000100	PS - Information Sys. Repl.	135			75	30	30					
T5410Q	CST000103	DATS License Growth	37	3	3	3	4	4	4	4	4	4	4
T5460H	CST000107	Council AV Equip. Repl.	400					200					200
T5471L	CST000108	PS - Dispatch Connectivity	240				120					120	
	CST000109	Enterprise WFM - PS Upgrade/Replacement	400	100		100			100				100
T5420A	CST000110	Siebel System Upgrade	500	100		100		100		100		100	
T5420E	CST000111	SAP System Upgrade	960	200			280			280			200
T5420MA	CST000112	GIS System Upgrade	350	50	50		50	50		50	50		50
	CST000113	DATS Future Upgrade Replacement	600			200			200			200	
T5420FB	CST000114	Microsoft/Office Upgrade	200			100					100		
T5420JB	CST000115	SharePoint Upgrade	300	25	50	75			75			75	
T5420J	CST000116	Sire Upgrade/Replacement	445	90	25			75	75			100	80
T5420FA	CST000117	Non-Enterprise Systems Upgrade/Replace	1,100	65	210	75	125	80	125	85	125	125	85
T5420VA	CST000118	Halton.ca Upgrade/Replacement	400		50	100	50		50	50	50		50
T5420MC	CST000123	New Non-Enterprise Systems	1,156	63	213	75	125	80	125	125	125	125	100
T5420EC	CST000125	Enterprise WorkForce Mgmt - Corporate	600				300					300	
T5420MB	CST000127	Information Management - Open Data	150			50			50			50	
T5471J	CST000128	Information Mgmt - PS Data Warehouse	200			100					100		
T5422I	CST000130	Information Mgmt - Public Works	140				90				50		

Note: Schedule may not add due to rounding.



CAPITAL BUDGET
OTHER REGIONAL PROGRAMS-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 TAX BUDGET ITEMS FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
T5420JA	CST000131	Integration Platform Upgrd/Rplce-Biztalk	300	200					100				
T5420V	CST000132	Halton Central Replacement Phases 2 & 3	350			100	50		50	50		50	50
T5410R	CST000133	Non-Enterprise Systems Growth Licensing	242	33	33	22	22	22	22	22	22	22	22
T5420R	CST000134	IT Service Request & Asset Mgmt Rplce	200	50			50			50			50
T5420U	CST000135	IPFS Replacement	200		50		50			50			50
T5420X	CST000136	Debenture Management System Replacement	200		50		50			50			50
T5420MD	CST000138	Enterprise Sytem Enhancements	1,075	110	130	100	100	95	110	110	110	110	100
T5480Q	CST000141	Info Works	70	70									
T5420MF	CST000142	Service Access Strategy	200	200									
T5476A	CST000152	Emergency Mass Notification System	50	50									
	CST000154	Purchasing - System Implementation	450	250	200								
	CST000158	IT Vehicle Replacement	70	35								35	
	CST000159	IT Security Systems New	150	150									
	CST000160	HRIS – Success Factors	250	250									
	CST000161	Office365 Collaboration & Tool Migration	300	300									
		Strategic Transformation	127,349	12,949	8,912	8,654	38,333	8,797	8,488	9,062	12,012	9,089	11,053
		Total Required Financing	349,898	28,440	37,618	50,307	59,073	25,768	33,720	27,653	29,507	24,957	32,855

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

Halton Regional Police Service

CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021 HALTON REGIONAL POLICE SERVICE											
PROJECT LISTING 2021 (000 DOLLARS)											
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	NET REGIONAL RESPONSIBILITY	REGIONAL RESPONSIBILITY					
						DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
						NON-RES	RES			GROWTH	REGIONAL
<u>Halton Regional Police Services</u>											
T6838C	PO000002	Business Applications	53		53			53			
T6865A	PO000013	Facilities - Building Projects/Upgrades	200		200			200			
T6836D	PO000043	Computer Replacement	250		250			250			
T6844G	PO000046	Technology Replacements	480		480			480			
T6844E	PO000047	Network Server Replacements	750		750			750			
	PO000056	Police Vehicles	2,545		2,545	75	184	2,286			
T6875A	PO000057	Disaster Recovery Centre	50		50			50			
	PO000072	Body-Worn Cameras	100		100			100			
	PO000078	Public Safety LTE Network Project	190		191	50	122	19			
	PO000081	Backup Data Centre	421		421			421			
	PO000090	Operational Support Program	50		50			50			
	PO000092	Next Generation 911	800		800			800			
	PO000106	InCar Cam Sys & Video Mgmt Sys Infrstrct	250		250			250			
	PO000107	Burlington Court Distributed Antenna Sys	100		100			100			
Total			6,239		6,240	125	306	5,809			
<u>Summary</u>											
Halton Regional Police Services			6,239		6,240	125	306	5,809			
Grand Total			6,239		6,240	125	306	5,809			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 HALTON REGIONAL POLICE SERVICE FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
		<u>Halton Regional Police Services</u>											
T6838C	PO000002	Business Applications	4,553	53	500	500	500	500	500	500	500	500	500
T6865A	PO000013	Facilities - Building Projects/Upgrades	2,000	200	200	200	200	200	200	200	200	200	200
T6866A	PO000034	1 District - Consolidated Facility	5,100		3,060	2,040							
T6848A	PO000042	Search & Rescue Vessel (Marine II)	500				500						
T6836D	PO000043	Computer Replacement	2,500	250	250	250	250	250	250	250	250	250	250
T6869A	PO000044	Search & Rescue Vessel (Marine I)	1,300		100					1,200			
T6844G	PO000046	Technology Replacements	5,880	480	600	600	600	600	600	600	600	600	600
T6844E	PO000047	Network Server Replacements	3,000	750	250	250	250	250	250	250	250	250	250
T6834B	PO000054	Building Security Systems	1,000						500	500			
	PO000056	Police Vehicles	23,425	2,545	2,319	2,336	2,310	2,415	2,300	2,300	2,300	2,300	2,300
T6875A	PO000057	Disaster Recovery Centre	50	50									
	PO000067	HRIS System	1,000		1,000								
	PO000072	Body-Worn Cameras	500	100	400								
	PO000078	Public Safety LTE Network Project	3,592	190	728	728	728	700	518				
	PO000079	Portal Re-design - Future Phases	200		100	100							
	PO000081	Backup Data Centre	421	421									
	PO000087	CAD Replacement	2,500					2,500					
	PO000089	Replacement EDU Robot	170		170								
	PO000090	Operational Support Program	450	50		100		100		100		100	
	PO000092	Next Generation 911	800	800									
	PO000094	GPS Portable Phase 2	160		160								
	PO000101	Shared Infrastructure with Peel Region	500				500						

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

HALTON REGIONAL POLICE SERVICE-CAPITAL

2021

BUDGET & BUSINESS PLAN

2021-2030 HALTON REGIONAL POLICE SERVICE FORECAST PROJECT FORECAST LISTING 2021-2030 (000 DOLLARS)													
PR NO	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	PO000105	P25 Reporting & GPS Adjustments	200			200							
	PO000106	InCar Cam Sys & Video Mgmt Sys Infrstrct	450	250	100	100							
	PO000107	Burlington Court Distributed Antenna Sys	100	100									
	PO000108	Furniture Replacement Program	500		100		100		100		100		100
		Total Required Financing	60,851	6,239	10,037	7,404	5,938	7,515	5,218	5,900	4,200	4,200	4,200

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

Water & Wasterwater - Capital

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2021
BUDGET & BUSINESS PLAN

2021 - 2030 WATER/WASTEWATER CAPITAL BUDGET (Uninflated 000s)

	GROSS COST	SUBSIDY/ RECOVERY	NET REG RESP	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHERS	CAPITAL INVEST. RESERVE	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REG
2021 Non-Development Programs									
Water	55,789	1,170	54,619	-	-	54,619	-	-	-
Wastewater	49,495	-	49,495	-	-	49,495	-	-	-
Sub-total	105,284	1,170	104,114	-	-	104,114	-	-	-
Development Programs									
Water	31,400	-	31,400	-	22,709	1,071	7,620	-	-
Wastewater	120,929	-	120,929	-	89,499	-	31,430	-	-
Sub-total	152,329	-	152,329	-	112,208	1,071	39,050	-	-
TOTAL 2021	257,613	1,170	256,443	-	112,208	105,185	39,050	-	-
2022 Non-Development Programs									
Water	62,637	1,170	61,467	-	-	61,467	-	-	-
Wastewater	58,197	-	58,197	-	-	58,197	-	-	-
Sub-total	120,834	1,170	119,664	-	-	119,664	-	-	-
Development Programs									
Water	7,854	-	7,854	-	5,861	-	1,993	-	-
Wastewater	3,074	-	3,074	-	2,275	-	799	-	-
Sub-total	10,928	-	10,928	-	8,136	-	2,792	-	-
TOTAL 2022	131,762	1,170	130,592	-	8,136	119,664	2,792	-	-
2023 Non-Development Programs									
Water	78,337	1,170	77,167	-	-	77,167	-	-	-
Wastewater	50,525	-	50,525	-	-	50,525	-	-	-
Sub-total	128,862	1,170	127,692	-	-	127,692	-	-	-
Development Programs									
Water	14,977	-	14,977	-	11,092	10	3,875	-	-
Wastewater	9,595	-	9,595	-	4,533	3,504	1,558	-	-
Sub-total	24,572	-	24,572	-	15,625	3,514	5,433	-	-
TOTAL 2023	153,434	1,170	152,264	-	15,625	131,206	5,433	-	-
2024 Non-Development Programs									
Water	61,950	1,170	60,780	-	-	60,780	-	-	-
Wastewater	82,707	-	82,707	-	-	82,707	-	-	-
Sub-total	144,657	1,170	143,487	-	-	143,487	-	-	-
Development Programs									
Water	96,095	-	96,095	-	75,072	1,545	19,478	-	-
Wastewater	60,857	-	60,857	-	35,225	13,314	12,318	-	-
Sub-total	156,952	-	156,952	-	110,297	14,859	31,796	-	-
TOTAL 2024	301,609	1,170	300,439	-	110,297	158,346	31,796	-	-

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2021
BUDGET & BUSINESS PLAN

2021 - 2030 WATER/WASTEWATER CAPITAL BUDGET (Uninflated 000s)

	GROSS COST	SUBSIDY/ RECOVERY	NET REG RESP	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHERS	CAPITAL INVEST. RESERVE	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REG
2025 Non-Development Programs									
Water	34,761	1,170	33,591	-	-	33,591	-	-	-
Wastewater	67,002	-	67,002	-	-	67,002	-	-	-
Sub-total	101,763	1,170	100,593	-	-	100,593	-	-	-
Development Programs									
Water	47,589	-	47,589	-	35,226	40	12,323	-	-
Wastewater	115,701	-	115,701	-	71,592	19,106	25,003	-	-
Sub-total	163,290	-	163,290	-	106,818	19,146	37,326	-	-
TOTAL 2025	265,053	1,170	263,883	-	106,818	119,739	37,326	-	-
2026 Non-Development Programs									
Water	46,951	1,170	45,781	-	-	45,781	-	-	-
Wastewater	68,073	-	68,073	-	-	68,073	-	-	-
Sub-total	115,024	1,170	113,854	-	-	113,854	-	-	-
Development Programs									
Water	204,670	-	204,670	-	148,652	6,179	49,839	-	-
Wastewater	141,253	-	141,253	-	82,730	29,529	28,994	-	-
Sub-total	345,923	-	345,923	-	231,382	35,708	78,833	-	-
TOTAL 2026	460,947	1,170	459,777	-	231,382	149,562	78,833	-	-
2027 Non-Development Programs									
Water	31,808	1,170	30,638	-	-	30,638	-	-	-
Wastewater	92,148	-	92,148	-	-	92,148	-	-	-
Sub-total	123,956	1,170	122,786	-	-	122,786	-	-	-
Development Programs									
Water	9,842	-	9,842	-	7,382	-	2,460	-	-
Wastewater	3,671	-	3,671	-	2,716	-	955	-	-
Sub-total	13,513	-	13,513	-	10,098	-	3,415	-	-
TOTAL 2027	137,469	1,170	136,299	-	10,098	122,786	3,415	-	-
2028 Non-Development Programs									
Water	52,283	1,170	51,113	-	-	51,113	-	-	-
Wastewater	84,665	-	84,665	-	-	84,665	-	-	-
Sub-total	136,948	1,170	135,778	-	-	135,778	-	-	-
Development Programs									
Water	12,345	-	12,345	-	10,957	-	1,388	-	-
Wastewater	12,216	-	12,216	-	9,265	-	2,951	-	-
Sub-total	24,561	-	24,561	-	20,222	-	4,339	-	-
TOTAL 2028	161,509	1,170	160,339	-	20,222	135,778	4,339	-	-

CAPITAL BUDGET
WATER/WASTEWATER - CAPITAL

2021
BUDGET & BUSINESS PLAN

2021 - 2030 WATER/WASTEWATER CAPITAL BUDGET (Uninflated 000s)

	GROSS COST	SUBSIDY/ RECOVERY	NET REG RESP	DEVELOPMENT CHARGES		GENERAL RESERVES & OTHERS	CAPITAL INVEST. RESERVE*	DEBENTURES	
				NON- RESIDENTIAL	RESIDENTIAL			GROWTH	REG
2029 Non-Development Programs									
Water	67,033	1,170	65,863	-	-	65,863	-	-	-
Wastewater	74,673	-	74,673	-	-	74,673	-	-	-
Sub-total	141,706	1,170	140,536	-	-	140,536	-	-	-
Development Programs									
Water	10,503	-	10,503	-	7,774	-	2,729	-	-
Wastewater	5,086	-	5,086	-	2,060	2,302	724	-	-
Sub-total	15,589	-	15,589	-	9,834	2,302	3,453	-	-
TOTAL 2029	157,295	1,170	156,125	-	9,834	142,838	3,453	-	-
2030 Non-Development Programs									
Water	52,691	1,170	51,521	-	-	51,521	-	-	-
Wastewater	100,506	-	100,506	-	-	100,506	-	-	-
Sub-total	153,197	1,170	152,027	-	-	152,027	-	-	-
Development Programs									
Water	2,608	-	2,608	-	2,354	-	254	-	-
Wastewater	160	-	160	-	118	-	42	-	-
Sub-total	2,768	-	2,768	-	2,472	-	296	-	-
TOTAL 2030	155,965	1,170	154,795	-	2,472	152,027	296	-	-
TOTAL Non-Development Programs									
Water	544,240	11,700	532,540	-	-	532,540	-	-	-
Wastewater	727,991	-	727,991	-	-	727,991	-	-	-
Sub-total	1,272,231	11,700	1,260,531	-	-	1,260,531	-	-	-
Development Programs									
Water	437,883	-	437,883	-	327,079	8,845	101,959	-	-
Wastewater	472,542	-	472,542	-	300,013	67,755	104,774	-	-
Sub-total	910,425	-	910,425	-	627,092	76,600	206,733	-	-
TOTAL 2021-2030	2,182,656	11,700	2,170,956	-	627,092	1,337,131	206,733	-	-

Note: Schedule may not add due to rounding.

* The Capital Investment Revolving Fund is used to provide interim financing for the non-residential development related costs which will be fully recovered (including interest) from the collection of DCs as non-residential development proceeds in the future.

Halton Region

Budget and Business Plan 2021

Water Non-Development

CAPITAL BUDGET

2021

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2021 WATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)								
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
<u>Efficiency and Optimization</u>										
PR-3289W	8017	New Water Meter - 40mm (REG)	40	40						
PR-3298X	8018	New Water Meter - 50mm (REG)	40	40						
PR-3289Z	8019	New Water Meter - >100mm (REG)	40	40						
PR-3289Y	8020	New Water Meter - 75mm (REG)	65	65						
PR-3289V	8021	New Water Meter - 25mm (REG)	110	110						
PR-3289U	8022	New Water Meter - 20mm (REG)	875	875						
		Sub-total	1,170	1,170						
<u>Enhanced Levels of Service</u>										
PR-3337	7976	New WM for 8th line (Wildwood Estates) (HHGEO)	400				400			
PR-3355	7974	Supply and redundancy to Oakville Zone 3 and 2A (OAK)	759				759			
	7007	Vehicle - New - Water (REG)	678				678			
PR-3360	7989	Oak Ridges Moraine Groundwater Program (REG)	230				230			
		Sub-total	2,067				2,067			
<u>Maintain Current Levels of Service</u>										

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021 WATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3151	6008	200mm WM on Geneva Park from Thornwood Ave. to Thornwood Ave., 150mm WM on Geneva Pl. from Geneva Park to End, 150mm WM on Windsor Ct. from Geneva Park to End (BUR) (RR)	1,510				1,510			
PR-3151	6101	200mm WM on Thornwood Ave. from Rexway Dr. to Rockwood Dr. (BUR) (RR)	1,010				1,010			
PR-3151	6264	150mm WM on Braemore Pl. from Braemore Rd. to End and 200mm WM on Braemore Road from Rexway dr. to Walker's Line (BUR) (RR)	2,774				2,774			
PR-3219	6287	Replacement of WM on Regency Ct. from Prospect St. to Tecumseh Dr. (BUR) (RR)	306				306			
PR-3151	6294	200mm WM on Woodview Rd. from Fairview St. to Rexway Dr. 150mm WM on Manfred Drive from Jennifer Cres. to Woodview Rd. (BUR) (RR)	3,222				3,222			
PR-3151	6306	200mm WM on Rockwood Dr. from Woodview Road to Walkers Line & 150mm WM on Chestnut Place from Rockwood Dr. to Cul-de-sac (BUR) (RR)	1,642				1,642			
PR-2946B	6946	300mm WM on Waterdown Road from Mountainbrow Rd to Waterdown BS (BUR) (RR)	2,740				2,740			
PR-3214	7119	200mm WM on Mount Forest Drive /Tavistock Drive from Tait Ave to Guelph Line (BUR) (RR)	2,048				2,048			
PR-3353	7414	Headon Reservoir and Rechlorination Facility Capital Project (BUR)	500				500			
PR-3151	7458	150mm WM on Jennifer Crescent from Ronald Drive to Rockwood Drive 150mm WM on Putter Place from Jennifer Cres to Cul-de-sac 150mm WM on Ronald Drive from Manfred Drive to Rexway Road (BUR) (RR)	2,982				2,982			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021 WATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUBY/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3150	7462	300mm WM on Waterdown Road from Waterdown Booster Station to 50m south of Craven Avenue (BUR) (RR)	20				20			
PR-3358	7822	Burlington WTP - Surge Protection Upgrades (BUR)	100				100			
PR-3270	7824	Washburn PS and Reservoir Upgrades (BUR)	5,968				5,968			
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)	1,789				1,789			
PR-3352	7973	300mm WM on Dundas St from Beaufort Reservoir to 216M East (BUR)	112				112			
PR-3358	7984	Burlington WTP - Primary Power Replacement (BUR)	100				100			
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)	618				618			
PR-3356	8003	Aqueduct Rehabilitation and Repairs at 12 Mile/Bronte Creek Bridge (BUR)	1,600				1,600			
PR-3271	7103	300mm WM on Third Line from McDonald Blvd to Acton Reservoir (HHACT) (RR)	8,413				8,413			
PR-3363	7985	Prospect Park WTP - Ultraviolet Disinfection System Upgrade (HHACT)	650				650			
PR-3346	6092	200mm WM on Delrex Blvd. from Mountainview Rd. to Guelph St & Decommission easement between Delrex Blvd. and Baylor Cres (HHGEO)	422				422			
PR-3158	7480	400mm WM on Bronte Street from 500m north of Main Street to Steeles Avenue (MIL) (RR)	1,210				1,210			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021 WATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3315	7873	200mm WM on Maple Ave from West of Thompson Rd North to Woodward Ave (MIL) (RR)	300				300			
PR-3314	5556	150mm WM on West St from Riverview St. to Victoria St. , and 150mm WM on Victoria St. from West St. to Mississauga St. (OAK)	47				47			
PR-2838	6172	400mm WM on North Service Road from Invicta Drive to 200 m Westerly (OAK) (RR)	63				63			
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)	740				740			
PR-3314	7041	200mm WM on Lees Lane from Rebecca St to Pine Grove Rd (OAK) (WWM)	713				713			
PR-3314	7107	150mm WM on Howard Ave from Carson Lane to Esplanade Drive, WM Carson from Howard to Park ave , WM on Park Ave from Lakeshore to Esplanade and WM on Esplanade from Howard to Park Ave. (OAK) (WWM)	673				673			
PR-3190	7400	SCADA controlled, Actuated Valve and Chamber on 600mm WM on Rebecca Street west of Bronte Road (OAK)	150				150			
PR-3382	7456	Burloak WTP - Replace Zebra Mussel Chlorination and Sampling Lines (Intake) (OAK)	300				300			
PR-3210	7627	500mm WM on Rebecca Street from Forsythe Street to west bridge abutment (OAK)	1,512				1,512			
PR-2792C	7636	Davis Road Booster Station Renewal (OAK)	400				400			
PR-3314	7695	150mm WM on Secord Avenue from Sherin Drive to Sandhurst Drive (OAK)	112				112			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021 WATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3314	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)	6				6			
PR-2814B	7754	300 mm WM on Fourth Line, Speers Rd to Rail Road (OAK)	316				316			
PR-3233C	7983	Oakville WTP - Intake Chlorination System Replacement (OAK)	626				626			
PR-3366	8005	Burloak WTP - Dehumidification and Building Automation System (BAS) Upgrades (OAK)	1,000				1,000			
PR-3314	8013	200mm WM on Marine Dr from East St to Third Line (OAK)	749				749			
	6889	Vehicle Replacements (Existing)- Water (REG)	617				617			
PR-3371	7464	Capital Needs Assessments for Booster Stations and Reservoirs located in Milton and Halton Hills (REG)	250				250			
PR-3332	7635	Water System Pressure & Flow Monitoring Program (REG)	100				100			
PR-3249	7664	Water Maintenance Capital (System Services) (REG)	500				500			
PR-3079B	7785	Asset Management Roadmap Implementation - SP4 (REG)	120				120			
PR-3276	7797	SCADA Master Plan Implementation - Water (REG)	590				590			
PR-3317	7875	Monitoring Well Replacement Program (REG)	5				5			
PR-2173C	7896	North Water Well Rehabilitation - 2021 (REG)	1,181				1,181			
PR-3349	7915	Regional Lab Equipment - Water (REG)	31				31			
PR-3233B	7921	Water Treatment Maintenance Capital - 2020 (REG)	1,000				1,000			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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WATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2021 WATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)								
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3375	7988	Water Quality Sampling Study to Support the Georgetown Lake-Based Transfer (REG)	200				200			
PR-3289G	8023	Intermediate Meter Replacement - Reactive (REG)	42				42			
PR-3289D	8024	Intermediate Meter Replacement - Planned (REG)	102				102			
PR-3289F	8025	Large Meter Replacement - Reactive (REG)	71				71			
PR-3289C	8026	Large Meter Replacement - Planned (REG)	225				225			
PR-3289H	8027	Small Meter Replacement - Reactive (REG)	25				25			
		Sub-total	52,502				52,502			
Regulation and Environmental Protection										
PR-3374	7987	Campbellville Wellfield – Desktop Assessment of Sources of Sodium and Chloride in Groundwater (REG)	50				50			
		Sub-total	50				50			

Note: Schedule may not add due to rounding.



2021

BUDGET & BUSINESS PLAN

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2021-2030 WATER FORECAST													
PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<u>Efficiency and Optimization</u>													
PR-3319	7898	Water - Treatment Plant Optimization Studies (REG)	900		100	100	100	100	100	100	100	100	100
PR-3289W	8017	New Water Meter - 40mm (REG)	400	40	40	40	40	40	40	40	40	40	40
PR-3298X	8018	New Water Meter - 50mm (REG)	400	40	40	40	40	40	40	40	40	40	40
PR-3289Z	8019	New Water Meter - >100mm (REG)	400	40	40	40	40	40	40	40	40	40	40
PR-3289Y	8020	New Water Meter - 75mm (REG)	650	65	65	65	65	65	65	65	65	65	65
PR-3289V	8021	New Water Meter - 25mm (REG)	1,100	110	110	110	110	110	110	110	110	110	110
PR-3289U	8022	New Water Meter - 20mm (REG)	8,750	875	875	875	875	875	875	875	875	875	875
		Sub-total	12,600	1,170	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270
<u>Enhanced Levels of Service</u>													
PR-3337	7976	New WM for 8th line (Wildwood Estates) (HHGEO)	1,744	400		1,344							
PR-3355	7974	Supply and redundancy to Oakville Zone 3 and 2A (OAK)	4,362	759		3,603							
	7007	Vehicle - New - Water (REG)	1,356	678							678		
PR-3360	7989	Oak Ridges Moraine Groundwater Program (REG)	2,750	230	240	250	260	270	280	290	300	310	320
		Sub-total	10,212	2,067	240	5,197	260	270	280	290	978	310	320
<u>Maintain Current Levels of Service</u>													
	4525	Replacement of WM on Hampton Heath Rd from New St. to Windermere Dr (BUR)	1,509		401		1,108						

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
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								
PR-3151	6008	200mm WM on Geneva Park from Thornwood Ave. to Thornwood Ave., 150mm WM on Geneva Pl. from Geneva Park to End, 150mm WM on Windsor Ct. from Geneva Park to End (BUR) (RR)	1,510	1,510									
PR-3310	6074	200mm WM on Linmouth Tr. from Falmouth Tr. to Faversham Ave. (BUR)	986		986								
PR-3151	6101	200mm WM on Thornwood Ave. from Rexway Dr. to Rockwood Dr. (BUR) (RR)	1,010	1,010									
	6262	Replacement of WM on Mainway from Guelph Line to Walkers Line (BUR) (RR)	12,133		1,511		10,622						
PR-3151	6264	150mm WM on Braemore Pl. from Braemore Rd. to End and 200mm WM on Braemore Road from Rexway dr. to Walker's Line (BUR) (RR)	2,774	2,774									
PR-2946B	6284	150mm WM on Ireson Rd. from Waterdown Rd. to End (BUR) (RR)	446		446								
PR-3219	6287	Replacement of WM on Regency Ct. from Prospect St. to Tecumseh Dr. (BUR) (RR)	2,516	306		2,210							
PR-3151	6294	200mm WM on Woodview Rd. from Fairview St. to Rexway Dr. 150mm WM on Manfred Drive from Jennifer Cres. to Woodview Rd. (BUR) (RR)	3,222	3,222									
PR-3310	6303	300mm WM on Havendale Blvd. from Brant St to End (BUR)	4,172		4,172								
PR-3151	6306	200mm WM on Rockwood Dr. from Woodview Road to Walkers Line & 150mm WM on Chestnut Place from Rockwood Dr. to Cul-de-sac (BUR) (RR)	1,642	1,642									

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2946B	6946	300mm WM on Waterdown Road from Mountainbrow Rd to Waterdown BS (BUR) (RR)	4,441	2,740	1,701								
PR-3029	7026	600mm WM on Easement north of Glenwood School Drive, from Guelph Line to 100 m West (BUR) (RR)	560				560						
PR-3029	7027	300mm WM on Glenwood School Drive from Guelph Line to Queensway Drive, 400mm WM on Harvester Road from Guelph Line to South Service Road/Laurentian Drive (BUR) (RR)	1,699				1,699						
PR-3311	7104	300mm WM on Palmer Drive from Guelph Line to Centennial Dr (BUR) (RR)	1,954		1,954								
PR-3214	7119	200mm WM on Mount Forest Drive /Tavistock Drive from Tait Ave to Guelph Line (BUR) (RR)	2,048	2,048									
	7331	Burlington WTP - Replacement of Ozone Generators (2) (BUR)	4,034		360		3,674						
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			4,868							
PR-3353	7414	Headon Reservoir and Rechlorination Facility Capital Project (BUR)	3,105	500		2,605							
PR-3151	7458	150mm WM on Jennifer Crescent from Ronald Drive to Rockwood Drive 150mm WM on Putter Place from Jennifer Cres to Cul-de-sac 150mm WM on Ronald Drive from Manfred Drive to Rexway Road (BUR) (RR)	2,982	2,982									
PR-3150	7462	300mm WM on Waterdown Road from Waterdown Booster Station to 50m south of Craven Avenue (BUR) (RR)	1,368	20	1,348								

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
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								
PR-3343	7615	Decommissioning of the Mount Forest Reservoir and Booster Station (BUR)	1,109		1,109								
	7710	Vertical Water - Water Purification Plants - Burlington WPP (BUR)	99,639				14,447	11,696	23,195	8,136	12,493	12,681	16,991
PR-3219	7735	300mm WM on Prospect Street and Guelph Line Intersection (BUR) (RR)	294			294							
PR-3215	7742	300mm WM on James Street from Martha St to Brant St (BUR) (RR)	1,200		1,200								
PR-3219	7753	300mm WM on Prospect Street from Guelph Line to Cumberland Ave (BUR) (RR)	1,312			1,312							
PR-3358	7822	Burlington WTP - Surge Protection Upgrades (BUR)	1,950	100	350	1,500							
PR-3270	7824	Washburn PS and Reservoir Upgrades (BUR)	5,968	5,968									
	7871	New Watermain Installation on North Service Road from Brant Street to Kerns Road (BUR)	2,232		326		1,906						
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)	2,088		2,088								
PR-3219	7934	200mm WM on Dynes Rd. from Prospect St. to Woodward Ave (BUR) (RR)	713			713							
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)	13,137	1,789		11,348							

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2021-2030 WATER FORECAST													
PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3352	7973	300mm WM on Dundas St from Beaufort Reservoir to 216M East (BUR)	947	112	835								
PR-3358	7984	Burlington WTP - Primary Power Replacement (BUR)	3,050	100	450	2,500							
	7993	Burlington WTP - Roof Rehabilitation (BUR)	1,315			1,315							
	8000	Replacement of WM Drury Lane from Orpha St (Chamber ID 7832) to southside of the control valve ID # 358464 (BUR) (RR) (WWM)	1,984		232		1,752						
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)	4,560	618			3,942						
PR-3356	8003	Aqueduct Rehabilitation and Repairs at 12 Mile/Bronte Creek Bridge (BUR)	1,600	1,600									
PR-3271	7103	300mm WM on Third Line from McDonald Blvd to Acton Reservoir (HHACT) (RR)	8,413	8,413									
	7703	Vertical Water - Water Purification Plants - Prospect Park (HHACT)	1,540				159	293	259	189	117	243	280
	7709	Vertical Water - Water Purification Plants - Fourth Line (HHACT)	705				70	61	87	74	206	94	113
	7711	Vertical Water - Water Purification Plants - Davidson (HHACT)	858				81	71	104	88	265	111	138
PR-3346	7905	150mm WM on Reid Crt from Rexway Dr to End (HHACT) (WWM)	421			421							
PR-3363	7985	Prospect Park WTP - Ultraviolet Disinfection System Upgrade (HHACT)	650	650									

Note: Schedule may not add due to rounding.



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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2021-2030 WATER FORECAST													
PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3346	6070	200mm WM on Pennington Cr. from Mountainview Rd. to End (HHGEO)	1,613			1,613							
PR-3346	6092	200mm WM on Delrex Blvd. from Mountainview Rd. to Guelph St & Decommission easement between Delrex Blvd. and Baylor Cres (HHGEO)	7,160	422		6,738							
PR-3147	7411	Watermain on 10th Side Road from 10th Line to Winston Churchill Blvd (HHGEO)	1,581		1,581								
PR-3337	7620	150mm WM on Ontario Street from Ewing Street to 100m North (HHGEO) (WWM)	265			265							
	7704	Vertical Water - Water Purification Plants - Princess Anne (HHGEO)	3,991				127	122	429	394	1,791	486	642
	7706	Vertical Water - Water Purification Plants - North WPP Georgetown (HHGEO)	3,735				204	413	372	451	1,106	540	649
	7707	Vertical Water - Water Purification Plants - Lindsay Court (HHGEO)	2,077				126	311	334	307	309	324	366
PR-3158	7480	400mm WM on Bronte Street from 500m north of Main Street to Steeles Avenue (MIL) (RR)	1,210	1,210									
	7702	Vertical Water - Water Purification Plants - Walkers Line (MIL)	2,219				263	453	395	280	54	369	405
	7708	Vertical Water - Water Purification Plants - Kelso (MIL)	3,369				218	180	164	124	1,712	429	542
	7712	Vertical Water - Water Purification Plants - Campbellville (MIL)	334				37	34	36	32	96	45	54
PR-3315	7873	200mm WM on Maple Ave from West of Thompson Rd North to Woodward Ave (MIL) (RR)	1,662	300		1,362							
	7982	Kelso WTP - Entrance Road Resurfacing from Tremaine Road to Plant (MIL)	300			300							

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3314	5556	150mm WM on West St from Riverview St. to Victoria St. , and 150mm WM on Victoria St. from West St. to Mississauga St. (OAK)	793	47		746							
PR-2838	6172	400mm WM on North Service Road from Invicta Drive to 200 m Westerly (OAK) (RR)	613	63	550								
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		1,975								
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)	2,217	740		1,477							
PR-2838	7032	400mm WM on Invicta Drive from North Service Road East to 1140 North Service Rd (OAK) (RR)	870		870								
PR-3314	7041	200mm WM on Lees Lane from Rebecca St to Pine Grove Rd (OAK) (WWM)	5,492	713		4,779							
PR-3010	7079	150mm WM on Churchill Ave from Leighland Ave to North Service Road (OAK) (WWM)	493		493								
PR-3314	7107	150mm WM on Howard Ave from Carson Lane to Esplanade Drive, WM Carson from Howard to Park ave , WM on Park Ave from Lakeshore to Esplanade and WM on Esplanade from Howard to Park Ave. (OAK) (WWM)	4,874	673		4,201							
PR-3010	7178	150mm WM on Bomorda Drive from Leighland Ave. to Germorda Dr. (OAK)	512		512								
PR-3344	7298	Eighth Line Zone 3 Booster Station and Yard Piping Renewal (OAK)	2,084			2,084							
PR-3190	7400	SCADA controlled, Actuated Valve and Chamber on 600mm WM on Rebecca Street west of Bronte Road (OAK)	150	150									

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2021-2030 WATER FORECAST													
PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3382	7412	Replacement of piping and addition of flow paced re-chlorination and meter at Moore Reservoir (OAK)	288		51		237						
	7456	Burloak WTP - Replace Zebra Mussel Chlorination and Sampling Lines (Intake) (OAK)	3,087	300		2,787							
	7623	Capital Needs Assessment for Booster Stations and Reservoirs located in Oakville (OAK)	350							350			
PR-3210	7626	Eight Line Zone 4 Booster Station, Reservoir & Rechlorination Facility Renewal (OAK)	3,236		647		2,589						
	7627	500mm WM on Rebecca Street from Forsythe Street to west bridge abutment (OAK)	1,512	1,512									
PR-2792C	7636	Davis Road Booster Station Renewal (OAK)	10,138	400	9,738								
PR-3314	7695	150mm WM on Secord Avenue from Sherin Drive to Sandhurst Drive (OAK)	766	112		654							
PR-3314	7705	Vertical Water - Water Purification Plants - Oakville WPP (OAK)	16,009						77	1,995	6,449	4,222	3,266
	7713	Vertical Water - Water Purification Plants - Burloak WPP (OAK)	17,430							1,051	7,349	4,200	4,830
	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)	828	6		822							
PR-2814B	7754	300 mm WM on Fourth Line, Speers Rd to Rail Road (OAK)	316	316									
PR-3282	7807	Oakville WTP - Low Lift and Filter Structural Rehabilitation (OAK)	480		480								
PR-3282	7816	Oakville WTP - Electrical Replacement (OAK)	2,976		2,976								

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2021-2030 WATER FORECAST													
PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	7920	300mm WM on Speers Road from Fourth Line to Morden Road (OAK)	1,985		1,985								
PR-3282	7978	Oakville WTP - Laboratory Upgrades (OAK)	500		500								
PR-3282	7980	Oakville WTP - Roof Rehabilitation (OAK)	540		540								
PR-3233C	7983	Oakville WTP - Intake Chlorination System Replacement (OAK)	626	626									
PR-3366	8005	Burloak WTP - Dehumidification and Building Automation System (BAS) Upgrades (OAK)	2,600	1,000	1,600								
PR-3314	8013	200mm WM on Marine Dr from East St to Third Line (OAK)	5,649	749		4,900							
	6889	Vehicle Replacements (Existing)- Water (REG)	10,010	617	1,408	806	1,039	450	967	1,389	776	1,562	996
PR-3116	7286	Region wide Air Release Valve Chamber Venting retrofits Program for mains 400mm and larger (REG)	617		617								
	7463	Capital Needs Assessment for Booster Stations and Reservoirs located in Burlington (REG)	250			250							
PR-3371	7464	Capital Needs Assessments for Booster Stations and Reservoirs located in Milton and Halton Hills (REG)	250	250									
PR-3248	7630	Shut-Off Valve Replacement Program (REG)	720		360	360							
PR-3332	7635	Water System Pressure & Flow Monitoring Program (REG)	500	100	100	100	100	100					
PR-3249	7664	Water Maintenance Capital (System Services) (REG)	4,000	500	500	500	500	500	500	500	500		
	7701	Vertical Water Life Cycle Model - Wells (REG)	248				34	32	35	32	40	35	40

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2021-2030 WATER FORECAST													
PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	7715	Watermain Renewals - 150 mm Cast Iron Cohort (REG)	90,678				4,697	9,348	9,020	8,711	10,131	33,382	15,389
	7726	Other Public Works Assets - Water (REG)	2,374				332	332	332	332	332	332	382
	7727	Vertical Water - Tower (REG)	1,021				102	110	109	96	297	143	164
	7728	Vertical Water - Reservoirs (REG)	9,199				637	1,352	1,263	1,052	1,828	1,427	1,640
	7729	Vertical Water - Pump Stations (REG)	13,597				1,401	2,228	2,250	1,872	1,456	2,042	2,348
	7730	Vertical Water - Bulk Water Stations (REG)	75				27	21	16	11			
PR-3079B	7785	Asset Management Roadmap Implementation - SP4 (REG)	270	120	150								
PR-3276	7797	SCADA Master Plan Implementation - Water (REG)	19,610	590	1,770	6,480	5,450	2,620	1,600	230	410	230	230
PR-3317	7875	Monitoring Well Replacement Program (REG)	85	5	15	5	15	5	15	5	15	5	
PR-3320	7891	Water - New Maintenance Facility (REG)	2,175		2,175								
PR-2173C	7896	North Water Well Rehabilitation - 2021 (REG)	3,581	1,181			872		1,324			204	
PR-3349	7915	Regional Lab Equipment - Water (REG)	85	31	36	18							
PR-3233B	7921	Water Treatment Maintenance Capital - 2020 (REG)	7,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000			
PR-3375	7988	Water Quality Sampling Study to Support the Georgetown Lake-Based Transfer (REG)	300	200	100								
	7991	North Water Treatment Plants - Roof Rehabilitation (REG)	310		310								

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	8006	Treatment Facility Building Automation System Standards - Water (REG)	150			150							
	8012	Brant St Reservoir Repairs and Roof Waterproofing Membrane (REG)	5,500		5,500								
PR-3289G	8023	Intermediate Meter Replacement - Reactive (REG)	459	42	43	44	45	45	46	47	48	49	50
PR-3289D	8024	Intermediate Meter Replacement - Planned (REG)	1,117	102	104	106	108	110	113	115	117	120	122
PR-3289F	8025	Large Meter Replacement - Reactive (REG)	1,038	71	105	105	106	107	108	109	109	109	109
PR-3289C	8026	Large Meter Replacement - Planned (REG)	4,661	225	104	106	108	420	428	437	1,173	1,196	464
PR-3289H	8027	Small Meter Replacement - Reactive (REG)	5,191	25	25	26	26	807	823	839	856	873	891
		Sub-total	521,378	52,502	61,127	71,870	60,420	33,221	45,401	30,248	50,035	65,453	51,101
Regulation and Environmental Protection													
PR-3374	7987	Campbellville Wellfield – Desktop Assessment of Sources of Sodium and Chloride in Groundwater (REG)	50	50									
		Sub-total	50	50									
		Total Required Financing	544,240	55,789	62,637	78,337	61,950	34,761	46,951	31,808	52,283	67,033	52,691

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

Water Development

CAPITAL BUDGET

2021

WATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT										
2021 WATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
<u>Growth</u>										
PR-3127B	7506	750mm WM on Trafalgar Rd from Zone 4 Reservoir to No 10 Siderd (Zone G6L) - Construction (HHGEO)	2,612			1,959		653		
PR-3127B	7507	600mm WM on 10th Siderd from Trafalgar Rd to 8th Line (Zone G6L) - Construction (HHGEO)	2,612			1,933		679		
PR-3127B	7508	20 ML/d Zone G6L Pumping Station at Zone 4 Reservoir - Construction (HHGEO)	14,045			10,534		3,511		
PR-3259	6318	300mm WM on No 14 Siderd from Tremaine Rd. to Milton Reservoir (Zone M5G) (MIL)	1,056			195	792	69		
PR-2668	6632	400mm WM on Britannia Rd from Trafalgar Rd to 600 m east (Zone M4) (MIL)	1,200			888		312		
PR-2668	6633	400mm WM on Britannia Rd from 600 m east of Trafalgar Rd to 8th Line (Zone M4) (MIL)	1,200			888		312		
PR-3153	6721	300mm WM on Ontario Street South from Main Street East to Parkway Drive East (MIL)	975			741		234		
PR-3153	6722	300mm WM on Woodward Avenue between Martin Street and Ontario Street North (MIL)	1,175			893		282		
PR-2894	5853	600mm WM on Tremaine Rd from Dundas St to approximately 950 m north (North Oakville Lands) (Zone O3) (OAK)	784			580		204		
PR-3253	7509	Neyagawa Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (100 MLD) (OAK)	5,581			3,977	279	1,325		
PR-2676C	7510	Water Distribution System Analysis (REG)	110			83		27		
PR-2677C	7511	Water Supply Capacity Annual Monitoring Report (REG)	50			38		12		

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

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2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Growth													
PR-2695	5850	1050mm WM on Upper Middle Road from Burloak Drive to Appleby Line (Zone B2) (Construction) (BUR)	10,283				10,283						
	5881	400 mm WM from Waterdown pumping station along North Service Rd to King Rd (Zone B2) (BUR)	7,055			1,411		5,644					
PR-2727B	6367	Burloak Pumping Station Phase 1, 60 ML/d (Zone B2) - Construction (BUR)	13,693				13,693						
	6602	7.5 ML storage expansion at Waterdown Reservoir (existing site) (Zone B1A) (BUR)	8,305				1,661		6,644				
	6704	200mm WM on Brock Ave from Elgin Street to Lakeshore Rd (BUR)	363		363								
	6705	200mm WM on Regina Drive from Maple Avenue to Ecole Renaissance Schoolyard (BUR)	302		302								
	6708	300mm WM on Elizabeth Street from James Street to approximately 95 m north (BUR)	192			38		154					
	6710	300mm WM on Plains Rd East (Twinning adjacent to 6709) (BUR)	671								134		537
	6711	300mm WM on Birchwood Avenue from Plains Rd East southwards towards Fairwood Place East (BUR)	111						22		89		
	6712	300mm WM on Gallagher Rd from Plains Rd East to 160 m Northerly (BUR)	256						51		205		
	6713	300mm WM on Downsview Rd from Plains Rd East to Dowland Crescent (BUR)	238						48		190		
	6714	300mm WM on Brant from Fairview St to 180 m northerly (BUR)	324		324								

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

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BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6715	300mm WM on Woodview Rd from Fairview St to 100 m Northerly (BUR)	185		185								
	6716	200mm WM from end of Commerce Crt north to Fairview St (BUR)	296		296								
	6717	300mm WM on Fairview St from Appleby Line to Taylor Crescent (BUR)	800		800								
	6863	Waterdown Road Pumping Station Expansion (Zones B2, B3A & B5A) (BUR)	5,629			1,126		4,503					
	7014	400 mm WM from Waterdown Reservoir Pumping Station to new North Aldershot Reservoir (Zone B3A) (BUR)	2,437					487		1,950			
	7570	4.5 ML North Aldershot in ground Reservoir (Zone B3B) (BUR)	5,623			200	1,085		4,338				
	6597	300mm WM on RR 25 from No. 32 Siderd to 640 m north of Wallace St. (Zone A9G) (HHACT) from (HHACT)	1,430			286		1,144					
	6600	300 mm WM on No. 32 Siderd from RR 25 to 3rd Line Reservoir (Zone A9G) (HHACT) (HHACT)	1,333			267		1,066					
PR-3378	6608	750mm WM on Trafalgar from 15th Siderd to 22nd Siderd Lake Based Reservoir (Zone G6L) (HHGEO)	13,806				13,806						
PR-3378	6609	400mm WM on 17th Siderd from Trafalgar Rd to Main St (Zone G6L) (HHGEO)	2,116				2,116						
	6613	600mm WM on No 10 Siderd from 10th Line to Adamson St S (Zone G6L) (HHGEO)	1,606							321		1,285	
	6614	600 mm WM on Adamson St from 10th Siderd to Guelph St (Zone G6L) (HHGEO) (HHGEO)	2,661							532		2,129	
	6615	600mm WM on Guelph St from Adamson St to Bovaird Dr (Region of Peel) (Zone G6L) (HHGEO)	1,971							394		1,577	

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3378	6654	750mm WM on Trafalgar Rd from 10th Side Rd to approximately 1,700 m north of 10th Side Rd (Zone G6L) (HHGEO)	4,583				4,583						
PR-3378	6655	750mm WM on Trafalgar from 1,700 m north of 10th Siderd to 15th Siderd (Zone G6L) (HHGEO)	4,108				4,108						
	6694	10 ML Zone G6L Storage at 22nd Siderd (HHGEO)	11,660			2,332		9,328					
	6697	15 ML storage expansion at Zone M4 Reservoir (TWL=250m) (HHGEO)	16,609				3,322		13,287				
	6733	300 mm Replacement on Cross St from Guelph St to Main St (HHGEO)	214								43		171
PR-3127B	7506	750mm WM on Trafalgar Rd from Zone 4 Reservoir to No 10 Siderd (Zone G6L) - Construction (HHGEO)	2,612	2,612									
PR-3127B	7507	600mm WM on 10th Siderd from Trafalgar Rd to 8th Line (Zone G6L) - Construction (HHGEO)	2,612	2,612									
PR-3127B	7508	20 ML/d Zone G6L Pumping Station at Zone 4 Reservoir - Construction (HHGEO)	14,045	14,045									
	6641	400 mm WM on Hornby Rd from Steeles Ave to Trafalgar Rd (Zone 250) (HHS)	2,368			474		1,894					
	6642	400 mm WM in the 401 growth corridor north of Steeles from Hornby Rd to Trafalgar Rd (Zone 250) (HHS)	1,810			362		1,448					
	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)	2,640			528		2,112					
	6644	400mm WM in the 401 growth corridor north of Steeles from to approximately 300 m north (Zone 250) (HHS)	1,141			228		913					

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3259	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)	1,931							386		1,545	
	6646	400mm WM in the 401 growth corridor from Steeles Ave to approximately 330 m north (Zone 250) (HHS)	1,110							222		888	
	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)	2,136							427		1,709	
	6648	400mm WM in the 401 growth corridor from Steeles Ave to 340 m north (Zone 250) (HHS)	1,512							302		1,210	
	6318	300mm WM on No 14 Siderd from Tremaine Rd. to Milton Reservoir (Zone M5G) (MIL)	1,056	1,056									
	6616	400mm WM on Thompson Rd South from Britannia Rd to approx. 1,211 south (Zone M4) (MIL)	1,746				349		1,397				
	6617	400mm WM on new roadway south of Britannia Rd from Thompson Rd South to 4th Line (Zone M4) (MIL)	2,278				456		1,822				
	6618	400mm WM on new roadway south of Britannia Rd from 4th Line to 5th Line (Zone M4) (MIL)	2,314			463		1,851					
	6619	400mm WM on new roadway south of Britannia Rd from 5th Line to 6th Line (Zone M4) (MIL)	1,559			312		1,247					
	6620	400mm WM on 6th Line from Britannia Rd to 600 m south (Zone M4) (MIL)	1,078			216		862					
	6621	400mm WM on 6th Line from Britannia Rd to future Louis St. Laurent Blvd. (Zone M4) (MIL)	2,763			553		2,210					
	6622	400mm WM on 6th Line from Derry Rd to future Louis St. Laurent Blvd. (Zone M4) (MIL)	3,328			666		2,662					

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6623	400mm WM on 5th Line from Britannia Rd to future Louis St. Lauren Blvd. (Zone M4) (MIL)	2,034			407		1,627					
	6624	400mm WM on 4th Line from Britannia Rd to 650 m south (Zone M4) (MIL)	724				145		579				
	6625	400mm WM on Lower Base Line (East) from 4th Line to 5th Line (Zone M4) (MIL)	2,714				543		2,171				
	6626	400mm WM on 5th Line from Britannia Rd to 650 m south (Zone M4) (MIL)	736				147		589				
	6627	400mm WM on 4th Line from 650 m south of Britannia Rd to Lower Base Line (West) (Zone M4) (MIL)	2,322				464		1,858				
	6628	400mm WM on 5th Line from 650 m south of Britannia Rd to Lower Base Line (West) (Zone M4) (MIL)	3,081				616		2,465				
	6629	600mm WM on Louis St. Laurent Ave from 5th Line to 6th Line (Zone M4) (MIL)	2,651				530		2,121				
	6630	600mm WM on Louis St. Laurent Ave from 6th Line to Trafalgar Rd (Zone M4) (MIL)	4,358				872		3,486				
	6631	400mm WM on Louis St. Laurent Ave from Trafalgar Rd to 8th Line (Zone M4) (MIL)	2,725				545		2,180				
PR-2668	6632	400mm WM on Britannia Rd from Trafalgar Rd to 600 m east (Zone M4) (MIL)	1,200	1,200									
PR-2668	6633	400mm WM on Britannia Rd from 600 m east of Trafalgar Rd to 8th Line (Zone M4) (MIL)	1,200	1,200									
	6634	400mm WM on new Milton Rd from Trafalgar Rd to approximately 700 m east (Zone M4) (MIL)	1,571				314		1,257				
	6635	400mm WM on 8th Line from Derry Rd. to future Louis St. Lauren Blvd (Zone M4) (MIL)	2,947				589		2,358				

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6636	400mm WM on 8th Line from Britannia Rd to future Louis St. Laurent Blvd (Zone M4) (MIL)	2,338				468		1,870				
	6637	400mm WM on new roadway from Britannia Rd to approx. 1,200 m south (Zone M4) (MIL)	1,679				336		1,343				
	6638	400mm WM on Derry Rd from Trafalgar Rd to 8th Line (Zone M4) (MIL)	1,528				306		1,222				
	6649	400mm WM on Esquesing Line from James Snow Parkway to approximately 800 m north (Zone 267) (MIL)	1,270				254		1,016				
	6650	400mm WM on new roadway from Esquesing Line to approximately 360 m west of Boston Church Rd (Zone 267) (MIL)	3,443				689		2,754				
	6652	400mm WM on new roadway from 400 m west of Third Line to No 5 Siderd (Zone 267) (MIL)	1,177				235		942				
	6653	400mm WM on No 5 Siderd from approximately 400 m west of 3rd Line to 3rd Line (Zone 267) (MIL)	465				93		372				
	6657	400mm WM on Tremaine Rd from Britannia Rd to 2,200 m south of Britannia Rd (Zone 223.5) (MIL)	3,632				726		2,906				
	6659	400mm WM on new road alignment from Tremaine Rd to approximately 360 m west (Zone 223.5) (MIL)	467					93		374			
	6666	750mm WM on Neyagawa Blvd. from Burnhamthorpe Rd W to Lower Base Line W (MIL)	1,740										1,740
PR-3153	6721	300mm WM on Ontario Street South from Main Street East to Parkway Drive East (MIL)	975	975									
PR-3153	6722	300mm WM on Woodward Avenue between Martin Street and Ontario Street North (MIL)	1,175	1,175									

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2894	6723	400mm WM on Bronte St between Main Street West and Barton Street (MIL)	1,212					242		970			
	6724	300mm WM on Main Street East between James Street and Martin Street (MIL)	575						115		460		
	6725	300mm WM on Laurier Avenue between Bronte Street and Commercial Street (MIL)	2,436					487		1,949			
	7498	Lake Based Servicing transfer of Derry Rd/R.R. 25 area (MIL)	224		224								
	5627	600mm WM through North Oakville Lands from Tremaine Rd to Bronte Rd (Zone O3) (OAK)	7,739			1,548		6,191					
	5853	600mm WM on Tremaine Rd from Dundas St to approximately 950 m north (North Oakville Lands) (Zone O3) (OAK)	1,922	784			1,138						
	5951	Design of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	11,975				11,975						
	6368	1050 mm WM on Burloak Dr from the QEW to Upper Middle Rd (Zone B2) - Construction (OAK)	9,766				9,766						
	6372	Construction of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	130,601						130,601				
	6662	600mm WM on Wyecroft Rd from Burloak Dr to the 900mm WM on the SE corner of the 3rd Line and QEW (OAK)	13,162		5,200		1,592		6,370				
PR-3303	6701	Kitchen Zone O3 Pumping Station expansion by 80 ML/d (OAK)	12,830						2,566		10,264		
	6702	40 ML/d Expansion at the Neyagawa Pumping Station (OAK)	7,200				1,440		5,760				
	6728	300mm WM on Cowan Ave between Kerr St and Inglewood Drive (OAK)	653					131		522			

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6729	300mm WM on Deane Ave between Kerr St and Felan Ave (OAK)	1,049					210		839			
	6731	300mm WM on Forsythe St between Rebecca St and Burnet St (OAK)	617					123		494			
	7496	Decommissioning of Burnhamthorpe Water Tower. (OAK)	1,000			200		800					
	7501	400mm WM on new North Oakville Rd west of Neyagawa Blvd. (OAK)	2,400			2,400							
	7505	1050mm WM on Burloak Dr from Burloak Pumping Station to the QEW - Construction (OAK)	6,690				6,690						
PR-3253	7509	Neyagawa Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (100 MLD) (OAK)	5,581	5,581									
PR-3258	7502	Halton Water Master Plan (REG)	1,600			800					800		
PR-2676C	7510	Water Distribution System Analysis (REG)	1,100	110	110	110	110	110	110	110	110	110	110
PR-2677C	7511	Water Supply Capacity Annual Monitoring Report (REG)	500	50	50	50	50	50	50	50	50	50	50
		Sub-total	437,883	31,400	7,854	14,977	96,095	47,589	204,670	9,842	12,345	10,503	2,608
		Total Required Financing	437,883	31,400	7,854	14,977	96,095	47,589	204,670	9,842	12,345	10,503	2,608

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

Wastewater Non-Development

CAPITAL BUDGET

2021

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2021 WASTEWATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)								
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
<u>Efficiency and Optimization</u>										
PR-3373	7881	Oakville Southwest WWTP - Energy Recovery Facility (OAK)	300				300			
PR-3284	7890	Public Works Green Energy Program (REG)	550				550			
PR-3361	7977	Wastewater Treatment Composite Samplers (REG)	300				300			
PR-3370	8009	SCADA install at WWPS (REG)	200				200			
		Sub-total	1,350				1,350			
<u>Enhanced Levels of Service</u>										
PR-3327	7884	BMC Dewatering System Upgrade (OAK)	3,500				3,500			
	7008	Vehicle - New - Wastewater (REG)	335				335			
		Sub-total	3,835				3,835			
<u>Maintain Current Levels of Service</u>										
PR-3163	7392	200mm WWM on Fowler Court from Walker's Line to End (BUR)	2,680				2,680			
PR-3143	7395	Upgrade Bayshore Wastewater Pumping Station (WWPS) from 9.5 L/s to 14 L/s (BUR)	206				206			
PR-3273	7454	Burlington Skyway WWTP - RAS & Secondary Clarifiers #5 - 8 Upgrades (Phase 2) (BUR)	4,000				4,000			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021 WASTEWATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3372	7474	Capital Needs Assessment of Wastewater Pumping Stations within the Skyway Drainage Area (East) (BUR)	250				250			
PR-3225	7601	Burlington Skyway WWTP - Transformer Replacement (BUR)	2,880				2,880			
PR-3245	7612	Bromley (No.6) Wastewater Pumping Station Renewal (BUR)	1,633				1,633			
PR-3244	7613	Paletta Gardens (No. 10) Wastewater Pumping Station Renewal (BUR)	1,780				1,780			
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)	842				842			
PR-3364	7995	Burlington Skyway WWTP - Methane Gas Sphere Rehabilitation (BUR)	200				200			
PR-3365	7996	Burlington Skyway WWTP - Headworks Building and Primary Treatment Area Air Handling Units (BUR)	870				870			
PR-3377	7997	Burlington Skyway WWTP - Wet Well A & B Rehabilitation (BUR)	122				122			
PR-3377	7999	Burlington Skyway WWTP - Administration Building Curtain wall Renewal (BUR)	130				130			
PR-3229	6960	Georgetown WWTP - Electrical Upgrades (HHGEO)	2,152				2,152			
PR-3346	7473	250mm WWM on Temple Road from Ewing Street to Dayfoot & 200mm WWM on Dufferin St. from Temple to End (HHGEO)	222				222			
PR-3274	7600	Georgetown WWTP - Digester Rehabilitation and Roof Replacement (HHGEO)	623				623			
PR-3337	7696	200mm WWM on Ontario Street from west of Riverview Crescent to south of Ewing Street and lateral transfer from easement (HHGEO)	16				16			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021 WASTEWATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3368	8011	Georgetown WWTP - Plant Updates (HHGEO)	1,000				1,000			
PR-3329	7560	Milton WWTP Plant Decommissioning (MIL)	662				662			
PR-3354	7975	Isolation Gates for Midblock Arterial Pump Station (MIL)	150				150			
PR-3032	7063	BMC Administration Buildings and Servicing Replacement (OAK)	2,000				2,000			
PR-3314	7401	250mm WWM on Secord Avenue from Sherin Drive to Thornhill Drive (OAK) (WM)	55				55			
PR-3314	7404	200mm WWM on Howard Avenue from Esplanade to Carson Lane (OAK) (WM)	139				139			
PR-3314	7419	200mm WWM on Park Avenue from Carson Lane to Lakeshore Road East (OAK)	133				133			
PR-3314	7420	250mm WWM on Lees Lane from Pine Grove Road to Rebecca St (OAK) (WM)	641				641			
PR-3275	7602	Mid-Halton WWTP - Concrete Restoration in Aeration tanks (OAK)	1,866				1,866			
PR-3211	7628	Abandoning and Relocating 250mm WWM on Easement from Falgarwood Drive to Invicta Drive (OAK)	150				150			
PR-3369	7631	Mid-Halton WWTP (Third Line PS) - Replacement of Sewage Lowlift (OAK)	250				250			
PR-3266	7777	250mm WWM on Bridge Road from Third Line to Sherin Drive (OAK) (RR)	2,370				2,370			
PR-3322	7810	Oakville Southeast WWTP - Primary Digester #1 Rehab/Upgrade (OAK)	200				200			
PR-3326	7812	Oakville Southwest WWTP - Plant 4 -Ras Upgrades (OAK)	350				350			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021 WASTEWATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3362	7981	Oakville Southwest WWTP - Digester Access Road Improvements (OAK)	455				455			
PR-3367	8008	Oakville Southeast WWTP - RAS Discharge Piping Rehabilitation (OAK)	260				260			
PR-2640	5307	Wastewater Manhole Capital Improvement Prgm (REG)	500				500			
	6886	Vehicle Replacements - (Existing) Wastewater (REG)	1,226				1,226			
PR-3250	7665	Wastewater Maintenance Capital (REG)	500				500			
	7734	Capital upgrades to address basement flooding (REG)	5,976				5,976			
PR-3079B	7790	Asset Management Roadmap Implementation - SP4 (REG)	120				120			
PR-3277	7798	SCADA Master Plan Implementation - Wastewater (REG)	3,330				3,330			
PR-3331	7876	Condition Assessments of WWM (REG)	600				600			
PR-3349	7912	Regional Lab Equipment - Wastewater (REG)	17				17			
PR-3234B	7922	Wastewater Treatment Maintenance Capital - 2020 (REG)	1,500				1,500			
PR-3359	7979	Public Works - Supply and Service Portable Gas Monitor Equipment (REG)	846				846			
PR-3376	7994	Wastewater Treatment - Aeration Diffuser Asset Strategy (REG)	200				200			
	8029	System Services Equipment - Wastewater (REG)	33				33			
		Sub-total	44,135				44,135			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

2021

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT		2021 WASTEWATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)								
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB'Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES				
<u>Regulation and Environmental Protection</u>										
PR-2948	6975	SPS Equipment Lock-Out Procedures (REG)	175				175			
		Sub-total	175				175			
		Total	49,495				49,495			
		<u>Summary</u>								
		Efficiency and Optimization	1,350				1,350			
		Enhanced Levels of Service	3,835				3,835			
		Maintain Current Levels of Service	44,135				44,135			
		Regulation and Environmental Protection	175				175			
		Grand Total	49,495				49,495			

Note: Schedule may not add due to rounding.

CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT													
2021-2030 WASTEWATER FORECAST													
PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Efficiency and Optimization													
	7889	Georgetown WWTP - Energy Recovery Facility (HHGEO)	3,300			300		3,000					
PR-3373	7881	Oakville Southwest WWTP - Energy Recovery Facility (OAK)	3,300	300		3,000							
PR-3284B	7886	Biogas Utilization Program (REG)	1,800		1,800								
PR-3284	7890	Public Works Green Energy Program (REG)	550	550									
PR-3319	7897	Wastewater - Treatment Plant Optimization Studies (REG)	900		100	100	100	100	100	100	100	100	100
PR-3361	7977	Wastewater Treatment Composite Samplers (REG)	300	300									
PR-3370	8009	SCADA install at WWPS (REG)	1,265	200	515	550							
		Sub-total	11,415	1,350	2,415	3,950	100	3,100	100	100	100	100	100
Enhanced Levels of Service													
PR-3327	7884	BMC Dewatering System Upgrade (OAK)	3,500	3,500									
	7008	Vehicle - New - Wastewater (REG)	670	335							335		
		Sub-total	4,170	3,835							335		
Maintain Current Levels of Service													
PR-3163	7392	200mm WWM on Fowler Court from Walker's Line to End (BUR)	2,680	2,680									
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)	1,970		1,970								

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3143	7395	Upgrade Bayshore Wastewater Pumping Station (WWPS) from 9.5 L/s to 14 L/s (BUR)	206	206									
PR-3176	7439	Burlington Skyway WWTP - Dewatering System Upgrade (BUR)	7,360		7,360								
PR-3273	7454	Burlington Skyway WWTP - RAS & Secondary Clarifiers #5 - 8 Upgrades (Phase 2) (BUR)	4,000	4,000									
	7455	Burlington Skyway WWTP - RAS & Secondary Clarifiers #9 - 12 Upgrades (Phase 3) (BUR)	5,450		450		5,000						
PR-3372	7474	Capital Needs Assessment of Wastewater Pumping Stations within the Skyway Drainage Area (East) (BUR)	250	250									
PR-3225	7601	Burlington Skyway WWTP - Transformer Replacement (BUR)	2,880	2,880									
PR-3245	7612	Bromley (No.6) Wastewater Pumping Station Renewal (BUR)	1,633	1,633									
PR-3244	7613	Paletta Gardens (No. 10) Wastewater Pumping Station Renewal (BUR)	1,780	1,780									
PR-3029	7687	200mm,300mm WWM on Glenwood School Drive from Brenda Crescent to Queensway Drive (BUR) (RR)	1,467				1,467						
	7720	Vertical Wastewater - Wastewater Treatment Plants - Burlington WWTP (BUR)	104,983				8,471	7,352	10,060	23,194	24,921	13,617	17,368
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								
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)	7,067	842		6,225							

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3377	7990	Burlington Skyway WWTP - Roof Rehabilitation (BUR)	470			470							
PR-3364	7995	Burlington Skyway WWTP - Methane Gas Sphere Rehabilitation (BUR)	200	200									
PR-3365	7996	Burlington Skyway WWTP - Headworks Building and Primary Treatment Area Air Handling Units (BUR)	870	870									
PR-3377	7997	Burlington Skyway WWTP - Wet Well A & B Rehabilitation (BUR)	611	122		489							
PR-3377	7999	Burlington Skyway WWTP - Administration Building Curtain wall Renewal (BUR)	775	130		645							
PR-3146	8001	Replacement of WWM on Drury Lane from Fassel Ave. to S. of CN Rail (BUR)	1,384		152		1,232						
	8014	WWM Linwood, Bromley, Broughton, Verheovan, Brewer, Maureen, Whitepines, Kenwood (BUR)	12,413		1,697		10,716						
	8015	WWM on Mainway from Guelph Line to Northside Rd (RR)	10,333		1,132		9,201						
	6073	Acton Plant Replacement & Improvements (HHACT)	4,781		1,000		3,781						
	7721	Vertical Wastewater - Wastewater Treatment Plants - Acton WWTP (HHACT)	15,107				1,246	2,075	2,054	1,940	2,943	2,258	2,591
	7992	Acton WWTP - Roof Rehabilitation (HHACT)	110		110								
PR-3229	6960	Georgetown WWTP - Electrical Upgrades (HHGEO)	2,152	2,152									
PR-3346	7274	200mm WWM on Todd Road from south of Sinclair Avenue to Mountainview Road North (HHGEO) (RR)	1,756			1,756							

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3346	7391	200mm WWM on McIntyre Crescent from Rexway Drive to Rexway Drive and abandon easement (HHGEO)	2,015			2,015							
PR-3346	7473	250mm WWM on Temple Road from Ewing Street to Dayfoot & 200mm WWM on Dufferin St. from Temple to End (HHGEO)	2,401	222		2,179							
PR-3274	7600	Georgetown WWTP - Digester Rehabilitation and Roof Replacement (HHGEO)	623	623									
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			625							
PR-3337	7696	200mm WWM on Ontario Street from west of Riverview Crescent to south of Ewing Street and lateral transfer from easement (HHGEO)	490	16		474							
	7719	Vertical Wastewater - Wastewater Treatment Plants - Georgetown WWTP (HHGEO)	31,160				2,343	2,087	4,887	5,354	5,958	4,876	5,655
PR-3346	7745	200mm WWM on Reid Court from Rexway Drive to End (HHGEO) (WM)	118			118							
PR-2987C	7839	John Street Pumping Station Upgrades and Rehabilitation - Design & Construction (HHGEO)	7,200		7,200								
	8010	Georgetown WWTP - Plant Rehabilitation (HHGEO)	5,570		1,120	4,450							
PR-3368	8011	Georgetown WWTP - Plant Updates (HHGEO)	4,400	1,000	3,400								
PR-3329	7560	Milton WWTP Plant Decommissioning (MIL)	4,662	662	4,000								
	7561	New Diversion Forcemain (MIL)	6,000					514		5,486			
PR-3354	7975	Isolation Gates for Midblock Arterial Pump Station (MIL)	700	150		550							

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3032	7063	BMC Administration Buildings and Servicing Replacement (OAK)	2,000	2,000									
PR-3010	7300	300mm WWM on Churchill Avenue from Leighland Avenue to North Service Road East (OAK) (WM)	604		604								
PR-3314	7401	250mm WWM on Secord Avenue from Sherin Drive to Thornhill Drive (OAK) (WM)	639	55		584							
PR-3314	7404	200mm WWM on Howard Avenue from Esplanade to Carson Lane (OAK) (WM)	1,067	139		928							
PR-3314	7419	200mm WWM on Park Avenue from Carson Lane to Lakeshore Road East (OAK)	1,066	133		933							
PR-3314	7420	250mm WWM on Lees Lane from Pine Grove Road to Rebecca St (OAK) (WM)	5,848	641		5,207							
PR-3275	7602	Mid-Halton WWTP - Concrete Restoration in Aeration tanks (OAK)	1,866	1,866									
PR-3211	7628	Abandoning and Relocating 250mm WWM on Easement from Falgarwood Drive to Invicta Drive (OAK)	1,278	150	1,128								
PR-3369	7631	Mid-Halton WWTP (Third Line PS) - Replacement of Sewage Lowlift (OAK)	3,136	250	378	2,508							
	7714	Vertical Wastewater - Biosolids (OAK)	5,254				318	1,580	467	474	839	731	845
	7716	Vertical Wastewater - Wastewater Treatment Plants - Oakville Southwest WWTP (OAK)	54,151				2,214	3,829	5,060	12,719	14,089	7,209	9,031
	7717	Vertical Wastewater - Wastewater Treatment Plants - Oakville Southeast WWTP (OAK)	38,640				2,972	4,697	5,986	5,612	7,193	5,644	6,536
	7733	Vertical Wastewater - Wastewater Treatment Plants - Mid-Halton WWTP (OAK)	61,754				7,668	6,259	9,328	9,947	10,091	8,207	10,254

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3266	7777	250mm WWM on Bridge Road from Third Line to Sherin Drive (OAK) (RR)	2,370	2,370									
PR-3280	7805	Biosolids Management Centre - Culvert Replacement and Road Resurfacing (OAK)	426		426								
PR-3322	7810	Oakville Southeast WWTP - Primary Digester #1 Rehab/Upgrade (OAK)	200	200									
PR-3326	7812	Oakville Southwest WWTP - Plant 4 -Ras Upgrades (OAK)	350	350									
	7814	Oakville Southeast WWTP - Secondary Digester #4 Rehab/Upgrade (OAK)	1,060		482	578							
	7815	Oakville Southwest WWTP - Primary Digester #1 Rehab/Upgrade (OAK)	660		660								
	7829	Boyne Trunk Decommissioning and Downsizing (OAK)	5,354			500		4,854					
PR-3088B	7879	Oakville Southeast WWTP - Ninth Line SPS Upgrades (OAK)	4,275		4,275								
	7880	Oakville Southeast WWTP - Secondary Digester #3 Rehab/Upgrade (OAK)	1,060			1,060							
PR-3362	7981	Oakville Southwest WWTP - Digester Access Road Improvements (OAK)	455	455									
	7998	Mid-Halton WWTP - Roof Rehabilitation (OAK)	1,095		100	995							
PR-3367	8008	Oakville Southeast WWTP - RAS Discharge Piping Rehabilitation (OAK)	1,260	260		1,000							
PR-2640	5307	Wastewater Manhole Capital Improvement Prgm (REG)	4,500	500	500	500	600	600	600	600	600		

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3250	6886	Vehicle Replacements - (Existing) Wastewater (REG)	9,761	1,226	1,552	1,007	555	287	1,015	984	741	1,221	1,173
	7665	Wastewater Maintenance Capital (REG)	4,000	500	500	500	500	500	500	500	500		
	7722	Vertical Wastewater - Wastewater Pump Stations (REG)	34,465				5,329	3,953	4,264	4,159	5,795	5,100	5,865
	7723	Vertical Wastewater - Storage (REG)	1,413				207	199	209	202	171	198	227
	7724	Wastewater Force Mains (REG)	72,037				291	4,291	10,291	10,291	291	16,291	30,291
	7725	Other Public Works Assets - Wastewater (REG)	2,124				297	297	297	297	297	297	342
	7731	Wastewater Gravity Mains (REG)	59,161				5,486	8,504	8,529	8,559	9,391	8,694	9,998
	7734	Capital upgrades to address basement flooding (REG)	29,762	5,976	6,008	6,001	6,033	5,744					
PR-3079B	7790	Asset Management Roadmap Implementation - SP4 (REG)	270	120	150								
PR-3277	7798	SCADA Master Plan Implementation - Wastewater (REG)	22,220	3,330	3,430	2,320	5,180	4,780	2,080	230	410	230	230
PR-3331	7876	Condition Assessments of WWM (REG)	600	600									
PR-3320	7892	Wastewater - New Maintenance Facility (REG)	2,175		2,175								
PR-3349	7912	Regional Lab Equipment - Wastewater (REG)	212	17	181	14							
PR-3234B	7922	Wastewater Treatment Maintenance Capital - 2020 (REG)	10,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500			
PR-3359	7979	Public Works - Supply and Service Portable Gas Monitor Equipment (REG)	1,692	846					846				

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

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BUDGET & BUSINESS PLAN

NON-DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3376	7994	Wastewater Treatment - Aeration Diffuser Asset Strategy (REG)	200	200									
	8007	Treatment Facility Building Automation System Standards - Wastewater (REG)	150			150							
	8029	System Services Equipment - Wastewater (REG)	233	33	11	189							
		Sub-total	711,951	44,135	55,607	46,470	82,607	63,902	67,973	92,048	84,230	74,573	100,406
Regulation and Environmental Protection													
PR-2948	6975	SPS Equipment Lock-Out Procedures (REG)	455	175	175	105							
		Sub-total	455	175	175	105							
		Total Required Financing	727,991	49,495	58,197	50,525	82,707	67,002	68,073	92,148	84,665	74,673	100,506

Note: Schedule may not add due to rounding.

Halton Region

Budget and Business Plan 2021

Wastewater Development

CAPITAL BUDGET

2021

WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT										
2021 WASTEWATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)										
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
<u>Growth</u>										
	7527	Upsize WWM on Lasalle Park Road from Fairwood Pl to Lasalle WWPS (BUR)	546			415		131		
	7521	Black Creek Monitoring Program (HHACT)	50			37		13		
PR-3126B	7549	900 mm WWM on 8th Line from 10th Side Rd to 5th Side Rd - Construction (HHGEO)	9,265			6,856		2,409		
PR-3126B	7550	900 mm WWM on 8th Line from 5th Side Rd to Steeles Ave - Construction (HHGEO)	9,265			6,856		2,409		
	7552	1050 mm WWM on Steeles Ave from 8th Line to Crossing Easement - Construction (HHGEO)	9,265			6,856		2,409		
	6508	Decommissioning of HH WWPS #3, connection to new 8th Line trunk sewer and conversion of site to septage receiving facility (HHS)	157			116		41		
PR-2668	6499	300 mm WWM on Britannia Rd from 8th Line to Trafalgar/ Britannia WWPS (MIL)	9,500			7,030		2,470		
	7529	1050 mm WWM on Trafalgar Rd from Derry Rd to Golf Course - Construction (MIL)	9,265			6,856		2,409		
PR-3126B	7530	1050 mm WWM on Trafalgar Rd from Golf Course to Britannia Rd / Trafalgar Rd WWPS - Construction (MIL)	9,265			6,856		2,409		
	7533	Twinned 750 mm WWFM on Britannia Rd from Trafalgar Rd to 6th Line - Construction (MIL)	2,967			2,196		771		
	7535	1200 mm WWM on Britannia Rd from 6th Line to 5th Line - Construction (MIL)	2,967			2,196		771		
	7547	1200 mm WWM on Britannia Rd to 5th Line to James Snow Pkwy - Construction (MIL)	2,967			2,196		771		

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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WASTEWATER-CAPITAL

BUDGET & BUSINESS PLAN

DEVELOPMENT		2021 WASTEWATER SYSTEM PROJECT LISTING 2021 (000 DOLLARS)								
PROJECT NUMBER	UNIQUE ID	PROJECT DESCRIPTION	GROSS COST	SUB/Y/ RECOV	REGIONAL RESPONSIBILITY					
					DEVEL. CHGS.		GEN RESERV	CAP INVT RESERV*	DEBENTURES	
					NON-RES	RES			GROWTH	REGIONAL
PR-3126B	7551	1,200 L/s WWPS on Trafalgar Rd/ Britannia Rd - Construction (MIL)	27,090			20,047		7,043		
	7553	1050 mm WWM 401 Crossing from Steeles Ave to Auburn Rd - Construction (MIL)	9,265			6,856		2,409		
	7554	1050 mm WWM on Auburn Rd from Hwy 401 crossing easement to Trafalgar Rd - Construction (MIL)	9,265			6,856		2,409		
	7555	1050 mm WWM on Trafalgar Rd from Auburn Rd to Derry Rd - Construction (MIL)	9,265			6,856		2,409		
PR-3019	6481	450 mm WWM on internal road parallel to Dundas St from west of 16 Mile Creek Bridge to 190 m east of Proudfoot Trail (OAK)	405			300		105		
PR-2678C	7518	Wastewater Collection System Analysis (REG)	110			81		29		
PR-2679C	7519	Wastewater Treatment Capacity Annual Monitoring Report (REG)	50			37		13		
		Sub-total	120,929			89,499		31,430		
		Total	120,929			89,499		31,430		
		Summary								
		Growth	120,929			89,499		31,430		
		Grand Total	120,929			89,499		31,430		

Note: Schedule may not add due to rounding.

* The Capital Investment Revolving Fund is used to provide interim financing for the non-residential development related costs which will be fully recovered (including interest) from the collection of DCs as non-residential development proceeds in the future.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<u>Growth</u>													
	5907	300 mm WWM North Aldershot Servicing (BUR)	4,563				913		3,650				
	7527	Upsize WWM on Lasalle Park Road from Fairwood Pl to Lasalle WWPS (BUR)	546	546									
	7534	450 mm WWM on new road in Milton Education Village from 800m north of Louis St Laurent extension to Louis St Laurent extension (BUR)	634				127		507				
	7537	Junction St WWPS - Capacity Upgrade to 150 L/s WWPS - Design and Construction (BUR)	12,277						2,455		9,822		
	7946	New 2400mm WWM inlet to Skyway WWTP parallel to QEW (BUR)	24,312			3,768		20,544					
PR-3257	6511	Twinning of 525 - 600 mm WWM from Elgin St South along Black Creek alignment to Acton WWTP (HHACT)	2,516				2,516						
	7521	Black Creek Monitoring Program (HHACT)	300	50	50	50	50	50	50				
PR-3255	7526	Agnes St WWPS Strategy. Scoping Study, EA, Design and Construction (HHACT)	6,187				6,187						
	6496	Twinned 250mm WWFM from Norval WWPS to new WWPS #6570 at Mountainview Rd (HHGEO)	267										267
	6589	35 L/s WWPS on 10th Side Rd in Norval (HHGEO)	146										146
PR-3126B	7549	900 mm WWM on 8th Line from 10th Side Rd to 5th Side Rd - Construction (HHGEO)	9,265	9,265									
PR-3126B	7550	900 mm WWM on 8th Line from 5th Side Rd to Steeles Ave - Construction (HHGEO)	9,265	9,265									

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT 2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-2668	7552	1050 mm WWM on Steeles Ave from 8th Line to Crossing Easement - Construction (HHGEO)	9,265	9,265									
	6508	Decommissioning of HH WWPS #3, connection to new 8th Line trunk sewer and conversion of site to septage receiving facility (HHS)	785	157	628								
	6497	300 mm WWM on Derry Rd from 8th Line to Trafalgar Rd (MIL)	885				177		708				
	6498	450 mm WWM on new road from 8th Line to Trafalgar Rd (MIL)	1,651				330		1,321				
	6499	300 mm WWM on Britannia Rd from 8th Line to Trafalgar/ Britannia WWPS (MIL)	9,500	9,500									
	6500	600mm WWM on 4th Line from new road to Lower Base Line WWPS (MIL)	4,632				926		3,706				
	6501	450 mm WWM on 4th Line from south of Britannia Rd to new road (MIL)	3,722				744		2,978				
	6502	525 mm WWM on Thompson Rd and new internal road from south of Britannia to 4th Line (MIL)	2,520				504		2,016				
	6503	300 mm WWM on 8th Line from north of Derry Rd to Derry Rd (MIL)	537				107		430				
	6504	450 mm WWM on 8th Line from north of new road to new road (MIL)	864				173		691				
	6505	300 mm WWM on 8th Line from north of Britannia Rd to Britannia Rd (MIL)	424				85		339				
	6515	300 mm WWM on Childs Drive between the south entrance of Satok Crescent and Nipissing Road (MIL)	445						89		356		

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	6517	450 mm WWM on Oak Street between Ontario St South and Fulton St (MIL)	1,115						223		892		
	6552	450mm WWM on new road alignment in Milton Education Village from Louis St Laurent extension to 1115 m south (MIL)	883				177		706				
	6554	600 mm WWM on Lower Base Line from WWFM discharge approx 650 m west of 1st Line to Regional Rd 25 (MIL)	9,034				1,807		7,227				
	6555	New 225 L/s WWPS on Tremaine Rd at Lower Base Line (MIL)	7,314			1,463		5,851					
	6556	Twin 400 mm WWFM from Tremaine WWPS to Lower Base Line, approx 650 m west of 1st Line (MIL)	4,520			904		3,616					
	6557	600 mm WWM on Tremaine Rd from approximately 1500 m north of South Tremaine Rd WWPS to South Tremaine Rd WWPS (MIL)	6,583				1,317		5,266				
	6559	525 mm WWM on Tremaine Rd from Britannia Rd to 1050 m south of Britannia Rd (MIL)	4,629				926		3,703				
	6560	525 mm WWM on James Snow Pkwy and new road alignment from Steeles Ave to Esquesing Line (MIL)	2,065				413		1,652				
	6561	450 mm WWM on new road and Britannia Rd from Milton Education Village to Tremaine Rd (MIL)	562				112		450				
	6564	525 mm WWM on new alignment from Esquesing Line to 3rd Line (MIL)	3,157				631		2,526				
	6578	525 WWM on Trafalgar Rd from south of Britannia Rd to Britannia Rd/ Trafalgar Rd WWPS (MIL)	4,389					878		3,511			
	6581	1350mm WWM on 5th Line from Britannia Rd to Lower Base Line (MIL)	15,678				3,136		12,542				

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3126B	6582	1350 mm WWM on Lower Base Line from 5th Line to 4th Line (MIL)	10,003				2,001		8,002				
	6583	525 mm WWM on new road from 1400 m north of Britannia Rd to Britannia Rd (MIL)	5,727			1,145		4,582					
	7529	1050 mm WWM on Trafalgar Rd from Derry Rd to Golf Course - Construction (MIL)	9,265	9,265									
	7530	1050 mm WWM on Trafalgar Rd from Golf Course to Britannia Rd / Trafalgar Rd WWPS - Construction (MIL)	9,265	9,265									
	7533	Twinned 750 mm WWFM on Britannia Rd from Trafalgar Rd to 6th Line - Construction (MIL)	2,967	2,967									
	7535	1200 mm WWM on Britannia Rd from 6th Line to 5th Line - Construction (MIL)	2,967	2,967									
PR-3126B	7547	1200 mm WWM on Britannia Rd to 5th Line to James Snow Pkwy - Construction (MIL)	2,967	2,967									
	7551	1,200 L/s WWPS on Trafalgar Rd/ Britannia Rd - Construction (MIL)	27,090	27,090									
	7553	1050 mm WWM 401 Crossing from Steeles Ave to Auburn Rd - Construction (MIL)	9,265	9,265									
	7554	1050 mm WWM on Auburn Rd from Hwy 401 crossing easement to Trafalgar Rd - Construction (MIL)	9,265	9,265									
	7555	1050 mm WWM on Trafalgar Rd from Auburn Rd to Derry Rd - Construction (MIL)	9,265	9,265									
	8034	1,805 L/s WWPS at Lower Base Line and 4th Line (MIL)	30,369				6,681	23,688					
	8035	Twinned 900mm WWFM from Lower Base Line to RR 25 (MIL)	63,500				12,700	50,800					

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

BUDGET & BUSINESS PLAN

DEVELOPMENT													
2021-2030 WASTEWATER FORECAST PROJECT FORECAST LISTING 2021 (000 DOLLARS)													
PR NO	UNIQ ID	PROJECT DESCRIPTION	GROSS COST	GROSS EXPENDITURE BY YEAR									
				2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PR-3019	6481	450 mm WWM on internal road parallel to Dundas St from west of 16 Mile Creek Bridge to 190 m east of Proudfoot Trail (OAK)	405	405									
	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)	233						47		186		
	6535	450 mm WWM on Trafalgar Rd between 10 m north of Inglehart Street North to Cross Ave (OAK)	1,273			255		1,018					
	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)	3,503			701		2,802					
PR-3135	6588	Mid-Halton WWTP expansion from 125 ML/d to 175 ML/d (OAK)	97,766				17,957		79,809				
PR-2079	7523	600 mm WWM on Trafalgar Rd from ID 5062 to Burnhamthorpe Rd E (OAK)	2,236		2,236								
	7528	North WWPS expansion of 1,200 L/s at Mid-Halton WWTP (OAK)	4,513									4,513	
	7541	Walker St WWPS - I/I reduction Program to gain capacity at the station. Scoping Study, Design and Construction (OAK)	2,061			349		1,712					
PR-3256	7517	Halton Wastewater Master Plan (REG)	1,600			800					800		
PR-2678C	7518	Wastewater Collection System Analysis (REG)	1,100	110	110	110	110	110	110	110	110	110	110
PR-2679C	7519	Wastewater Treatment Capacity Annual Monitoring Report (REG)	500	50	50	50	50	50	50	50	50	50	50
		Sub-total	472,542	120,929	3,074	9,595	60,857	115,701	141,253	3,671	12,216	5,086	160
		Total Required Financing	472,542	120,929	3,074	9,595	60,857	115,701	141,253	3,671	12,216	5,086	160

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

Appendix A - Basement Flooding

CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

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
2021 Projects				
14	Argyle Drive	1	Oakville	Opencut
66	Belvedere Drive	3	Oakville	Opencut
87	16 Mile Creek	68	Oakville	Opencut
16	First Street	2	Oakville	Opencut
20	Lakewood Drive	4	Oakville	Opencut
23	BirchHill Lane	2	Oakville	Opencut
29	West River Street	1	Oakville	Opencut
31	Elizabeth Gardens	5	Oakville	Opencut
42	Chartwell Road	4	Oakville	Opencut
WWTP	Skyway Wastewater Treatment Plant	10	Burlington	Opencut
2021 Sub-Total		100		5,976
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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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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
2	Gollop Crescent	1	Georgetown	Full Length Liner
83	Main Street	1	Georgetown	Full Length Liner
100	10 Side Road	1	Georgetown	Full Length Liner
33	Junction	3	Burlington	Full Length Liner
34	Roseland	3	Burlington	Full Length Liner
2023 Sub-Total		120		6,001
2024 Projects				
WWTP	Skyway Wastewater Treatment Plant	41	Burlington	Full Length Liner
WWTP	Milton Wastewater Treatment Plant	5	Milton	Full Length Liner
86	MidBlock Arterial	3	Milton	Full Length Liner
88	Laurier Avenue	1	Milton	Full Length Liner
WWTP	Acton Wastewater Treatment Plant	1	Acton	Full Length Liner
83	Lakeview	1	Acton	Full Length Liner
55	Third Line	7	Oakville	Full Length Liner
65	Coronation Park	16	Oakville	Full Length Liner
87	16 Mile Creek	3	Oakville	Full Length Liner
0	Oak SW	16	Oakville	Full Length Liner
12	Ninth Line	11	Oakville	Full Length Liner
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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

WASTEWATER-CAPITAL

2021

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
66	Belvedere Drive	4	Oakville	Spot Repair
78	Providence Road	1	Oakville	Spot Repair
79	Riverbank Way	1	Oakville	Spot Repair
87	16 Mile Creek	39	Oakville	Spot Repair
WWTP	Oakville SouthWest Wastewater Treatment Plant	60	Oakville	Spot Repair
9	Carrington Park	6	Oakville	Spot Repair
12	Ninth Line	79	Oakville	Spot Repair
13	Bel Air Estates	4	Oakville	Spot Repair
15	Raymar Place	1	Oakville	Spot Repair
17	Gairloch Gardens	2	Oakville	Spot Repair
18	Navy Street	3	Oakville	Spot Repair
20	Lakewood Drive	1	Oakville	Spot Repair
21	Walker Street	1	Oakville	Spot Repair
23	BirchHill Lane	2	Oakville	Spot Repair
29	West River Street	8	Oakville	Spot Repair
31	Elizabeth Gardens	4	Oakville	Spot Repair
42	Chartwell Road	1	Oakville	Spot Repair
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

Note: Schedule may not add due to rounding.



CAPITAL BUDGET

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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
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	1,438		29,762

Note: Schedule may not add due to rounding.



Halton Region

Budget and Business Plan 2021

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 2020 and forecasted for 2021 and 2022. This project list includes reprogramming that will occur through the year-end variance report.

	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	\$ -	\$ -	\$ 5,212	\$ -
R	7438	7438	Guelph Line & 1 Side Road - Intersection Improvements (BUR) (Regional Road 1)	2,512	-	-	2,512	-
R	6823	6823	Trafalgar Road - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 3)	825	-	-	825	-
R	6827	6827	Trafalgar Road - Widening from 4 to 6 lanes from Britannia Road to Steeles Avenue including Highway 401 Structure (MIL) (Regional Road 3)	825	-	-	825	-
R	6985	7565	Trafalgar Road - Widening from 2 to 4 lanes from Steeles Avenue to 10 Side Road (HHS) (Regional Road 3)	27,557	40,400	-	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	-	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	-	-	9,646	-
R	3984	3984	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Northampton (BUR) (Regional Road 5)	21,259	22,590	-	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	-	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	5,500	-	32,483	5,500
R	7487	7487	Dundas Street - Widening from 4 to 6 lanes from Guelph Line to Halton/Hamilton Boundary, including improvements at Brant Street (BUR) Regional Road 5	28,847	1,812	(23,141)	7,518	(21,329)
R	5384	5384	Dundas Street - Grade Separation at CNR Crossing between Appleby Line and Tremaine Road (BUR) (Regional Road 5)	19,068	(3,570)	-	15,498	(3,570)
R	3982	3982	Dundas St - Widening from 4 to 6-Lanes (excluding CNR & Bronte Creek Bridges) from Appleby Line to Tremaine Rd (BUR) (Regional Rd 5)	25,697	(4,809)	-	20,888	(4,809)

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	5385	5385	Dundas Street - Bronte Creek Bridge between Appleby Line and Tremaine Road (BUR) (Regional Road 5)	48,600	(9,095)	-	39,505	(9,095)
R	6802	6802	Britannia Road - Widening from 4 to 6 lanes from Regional Road 25 to Highway 407 (MIL) (Regional Road 6)	91,035	-	-	91,035	-
R	7333	7333	Britannia Road (CONSTRUCTION ONLY) - Widening from 2 to 4 lanes from Regional Road 25 to James Snow Parkway (MIL) Regional Road 6	31,566	-	-	31,566	-
R	7334	7334	Britannia Road (CONSTRUCTION ONLY) - Widening from 2 to 4 lanes from James Snow Parkway to Trafalgar Road (MIL) Regional Road 6	28,493	-	-	28,493	-
R	7335	7335	Britannia Road (CONSTRUCTION ONLY) - Widening from 2 to 4 lanes from Trafalgar Road to Highway 407 (MIL) Regional Road 6	11,402	-	-	11,402	-
R	6821	6821	Steeles Avenue - Widening from 4 to 6 lanes from Regional Road 25 to Trafalgar Road (MIL) (Regional Road 8)	7,386	-	-	7,386	-
R		7933	Steeles Ave - Truck inspection station between 5th Line and 6th Line (HHS)	1,100	-	-	1,100	-
R	6819	6819	Steeles Avenue - Widening from 2 to 4 lanes from Tremaine Road to Industrial Drive (MIL) (Regional Road 8)	15,564	-	(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)	-	(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	-	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	-	6,111	340
R	6448	6448	Winston Churchill Boulevard - Widening from 4 to 6 lanes from Highway 401 to Steeles Avenue (Halton's Share) (HHS) (Regional Road 19)	2,565	-	-	2,565	-
R	3989	3989	Winston Churchill Blvd - Widening from 2 to 4 lanes from 2km south of 5 Side Road to potential by-pass (Halton's Share) (HHS) (Regional Rd 19)	1,837	-	-	1,837	-
R	7494	7494	Norval Bypass (HHS)	23,520	-	(17,739)	5,781	(17,739)
R		7927	Appleby Line and Britannia Road - Intersection Improvements (Roundabout) (BUR) Regional Road 20	2,407	-	-	2,407	-

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	5845	5845	Tremaine Road - Widening from 4 to 6 lanes from Highway 401 to Derry Road (MIL) (Regional Road 22)	24,414	-	-	24,414	-
R	6830	6830	Tremaine Road - Widening from 2 to 4 lanes from Dundas Street to Lower Base Line (OAK) (Regional Road 22)	10,903	-	-	10,903	-
R	6834	6834	Tremaine Road - Widening from 2 to 4 lanes from Lower Base Line to Britannia Road (MIL) (Regional Road 22)	3,609	-	-	3,609	-
R	6818	6818	Bronte Road - Widening from 4 to 6 lanes from Speers Road to Highway 407 (OAK) (Regional Road 25)	7,991	-	-	7,991	-
R	6814	6814	Regional Road 25 - Widening from 4 to 6 lanes from Highway 407 to Britannia Road (MIL) (Regional Road 25)	6,805	-	-	6,805	-
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	-	-	5,562	-
R	6815	6815	Regional Road 25 - Widening from 4 to 6 lanes from Britannia Road to Derry Road (MIL) (Regional Road 25)	825	-	-	825	-
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	-	-	5,345	-
R	6828	6828	Upper Middle Road - Widening from 4 to 6 lanes from Bronte Road to Neyagawa Boulevard (OAK) (Regional Road 38)	825	-	(825)	-	(825)
R	6826	6826	Upper Middle Road - Widening from 4 to 6 lanes from Trafalgar Road to Grand Boulevard (OAK) (Regional Road 38)	535	-	(535)	-	(535)
R	7338	7338	Upper Middle Road - Widening from 4 to 6 lanes from Neyagawa Boulevard to Trafalgar Road (OAK) Regional Road 38	321	-	(321)	-	(321)
R	7339	7339	Upper Middle Road - Widening from 4 to 6 lanes from Grand Boulevard to Ninth Line (OAK) Regional Road 38	321	-	(321)	-	(321)
R	5413	5413	William Halton Parkway - New 4 lane bridge over 16 Mile Creek to (Regional Road 40) (OAK)	45,000	-	-	45,000	-
R	5273	5273	William Halton Parkway - New 4 lane road from Sixteen Mile Creek to Neyagawa Blvd. (OAK) (Regional Road 40)	33,168	-	-	33,168	-
R	7490	7490	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Third Line to Sixteen Mile Creek (OAK) Regional Road 40	13,500	-	-	13,500	-

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	7460	7460	William Halton Parkway (CONSTRUCTION ONLY) - New 4 lane road from Sixth Line to Neyagawa Boulevard (OAK) Regional Road 40	12,204	-	-	12,204	-
R	7489	7489	William Halton Parkway (CONSTRUCTION ONLY) - 2 to 4 lanes from Old Bronte Road to Hospital Gate (OAK) Regional Road 40	4,043	-	-	4,043	-
R	7809	7809	Wyecroft Road extension from 820 m east of Burloak Drive to Bronte Road (OAK)	64,077	27,300	-	91,377	27,300
R	7493	7493	Active Transportation New Off-Road Capital Projects (REG)	9,724	-	-	9,724	-
R	7375	7375	Active Transportation Infill Projects (REG)	5,923	-	-	5,923	-
R	5426	5426	Active Transportation Initiatives (REG)	309	-	-	309	-
R	6831	7928	Active Transportation Master Plan (REG)	203	-	-	203	-
R	7377	7377	Intelligent Transportation System Implementation (REG)	11,500	-	-	11,500	-
R	6854	6854	New Traffic Signals - Development (REG)	8,595	-	-	8,595	-
R	6855	6855	New Signalized Intersections (REG)	2,012	494	-	2,506	494
R	5641	5641	Traffic Signal Controller, timer and signing upgrades - Various Intersections (REG)	3,900	220	-	4,120	220
R	6838	6838	Growth Management Studies (REG)	2,615	-	-	2,615	-
R	5444	5444	Transportation Master Plan Study (REG)	2,092	-	-	2,092	-
R	5196	5196	Travel Demand Management Initiative (REG)	1,780	-	-	1,780	-
R	6832	6832	Data Management Group (REG)	785	-	-	785	-
R	7568	7568	MTO Highway Studies (REG)	655	-	-	655	-
R	6836	6836	Regional Road 25/Third Line Alignment Options Study (MIL)	523	-	-	523	-
R	6837	6837	Development Charge Background Study (REG)	471	-	-	471	-
R	6858	6858	Cordon Count Data (REG)	313	-	-	313	-

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	7569	7569	Urban Design Guidelines (REG)	157	-	-	157	-
R	6833	6833	Transportation Tomorrow Survey (REG)	105	-	-	105	-
R	5431	5431	Traffic and Screen Line Counts & Studies (REG)	889	75	-	964	75
W	7504	7504	1200mm WM on Britannia Rd from 4th Line to RR 25 (Zone M4) - Construction (MIL)	25,000	-	-	25,000	-
S	7556	7556	West River WWPS - Capacity Upgrade to 120 L/s WWPS - Design and Construction, including 450 mm inlet WWM to the station on Service Rd from West River St to West River WWPS (OAK)	11,574	-	-	11,574	-
S	5906	5906	750 mm WWM on new road alignment from Louis St. Laurent to Britannia Rd (MIL)	10,288	-	-	10,288	-
W	6684	6684	Construction of Oakville WPP Re-rating from 109 to 130 ML/d (OAK)	8,700	-	-	8,700	-
S	6570	6570	750 mm WWM on No 10 Side Road from Ninth Line to Barber Dr. (HHGEO) ^{Note 1}	8,363	-	-	8,363	-
S	6506	6506	750 mm WWM on 9th Line from Argyll Rd to 10th Side Rd - Georgetown South Connection (HHGEO)	8,320	-	-	8,320	-
S	4994	4994	600 mm WWM on new North Oakville road from Burnhamthorpe Rd to Dundas St (OAK)	8,184	-	-	8,184	-
W	7515	7515	System PRV implementation to support Zone 3/4/5 Boundary Re-alignment (REG)	8,000	-	-	8,000	-
S	6493	6493	375 mm WWM on Atwood Ave/Murno Circle and existing sewer alignment from Berton Blvd to Maple Ave (HHGEO)	6,560	-	-	6,560	-
W	7514	7514	8th Line Zone 4 Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (OAK)	4,500	-	-	4,500	-
S	7546	7546	750 mm WWM on No 10 Side Road from WWPS #100 to Eighth Line (in order to decommission WWPS #100) (HHGEO)	4,477	-	-	4,477	-
W	6612	6612	600mm WM on No 10 Siderd from 9th Line to 10th Line (Zone G6L) (HHGEO)	4,459	-	-	4,459	-
S	7531	7531	525mm WWM on Fourth Line from Britannia Rd to approximately 900 m north (MIL)	4,337	-	-	4,337	-

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	7520	7520	600 mm WWM crossing Dundas St and 600 mm WWM on Dundas St from 900m west of Colonel Williams Parkway to Colonel Williams Parkway (Construction) (OAK)	4,254	-	-	4,254	-
W	6611	6611	600mm WM on No 10 Siderd from 8th Line to 9th Line (Zone G6L) (HHGEO)	3,951	-	-	3,951	-
S	7543	7543	Gravity Sewers from Decommissioned Riverside WWPS and Shorewood Place SPS to New Rebecca Trunk (OAK)	3,900	-	-	3,900	-
W	7500	7500	Milton West Looping - 400mm WM on Derry Rd from Santa Maria Blvd. to Bronte St South, and a 400 mm WM on Main St West from Scott Blvd. to Tremaine Road. (MIL)	3,737	-	-	3,737	-
W	6444	6444	400mm WM from Burnhamthorpe Rd to Dundas St on new North Oakville road (Zone O4) (Construction) (OAK)	3,461	-	-	3,461	-
S	6586	6586	750 mm WWM on 8th Line from Argyll Rd to 10th Side Rd (HHGEO)	3,135	-	-	3,135	-
S	6587	6587	600 mm WWM on 8th Line from Miller Rd to Argyll Rd (HHGEO)	2,671	-	-	2,671	-
W	6443	6443	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Construction) (OAK)	2,547	-	-	2,547	-
W	6709	6709	300mm WM on Plains Rd East from north of Grandview Rd to twinned section on Plains (BUR)	2,460	-	-	2,460	-
W	6603	6603	400mm WM on 8th Line from 10th Siderd to existing 400mm (Zone G6L) (HHGEO)	2,324	-	-	2,324	-
W	7935	7935	400mm WM from Third Line under William Halton Parkway easterly (OAK)	2,100	-	-	2,100	-
W	6726	6726	300mm WM on Sovereign St between Bronte Rd and East St (OAK)	2,097	-	-	2,097	-
W	6735	6735	300 mm replacement on Guelph St between Mountainview Rd North and Sinclair Ave (HHGEO)	1,955	-	-	1,955	-
S	7522	7522	525 mm WWM through developer subdivision from ID 5063 to Burnhamthorpe Rd W (OAK)	1,944	-	-	1,944	-
S	6562	6562	450 mm WWM on new road from 440 m north of Derry Rd to Derry Rd and 525 mm WWM on Derry Rd from 725 m east of 5th Line to 5th Line (MIL)	1,465	-	-	1,465	-
S	6567	6567	750 mm WWM on No 10 Side Road from Barber Dr. to WWPS #100 (HHGEO) ^{Note 2}	1,006	-	-	1,006	-

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	6717	6717	300mm WM on Fairview St from Appleby Line to Taylor Crescent (BUR)	1,000	-	-	1,000	-
S	7517	7517	Halton Wastewater Master Plan (REG)	900	-	-	900	-
S	6553	6553	450 mm WWM on Louis St Laurent extension from 340m west of Tremaine Rd to Tremaine Rd (MIL)	844	-	-	844	-
S	6508	6508	Decommissioning of HH WWPS #3, connection to new 8th Line trunk sewer and conversion of site to septage receiving facility (HHS)	785	-	-	785	-
S	7524	7524	450 mm WWM through developer subdivision from ID 6114 on Thompson Rd westerly (MIL)	756	-	-	756	-
W	7502	7502	Halton Water Master Plan (REG)	700	-	-	700	-
S	7527	7527	Upsize WWM on Lasalle Park Road from Fairwood PI to Lasalle WWPS (BUR)	683	-	-	683	-
W	7497	7497	400mm WM on Sixth Line from approximately 300m southward of William Halton Parkway (RR 40) to Burnhamthorpe Rd (OAK)	642	-	-	642	-
W	4983	4983	400mm WM on new North Oakville road from Burnhamthorpe Rd to Dundas St (Zone O4) (Design) (OAK)	635	-	-	635	-
W	7510	7510	Water Distribution System Analysis (REG)	550	-	-	550	-
S	7518	7518	Wastewater Collection System Analysis (REG)	550	-	-	550	-
W	7512	7512	System Wide Transient Analysis Modelling Study (REG)	500	-	-	500	-
S	6481	6481	450 mm WWM on internal road parallel to Dundas St from west of 16 Mile Creek Bridge to 190 m east of Proudfoot Trail (OAK)	480	-	-	480	-
W	3713	3713	400mm WM on Burnhamthorpe Rd from Trafalgar Rd to new North Oakville road (Zone O4) (Design) (OAK)	468	-	-	468	-
W	6704	6704	200mm WM on Brock Ave from Elgin Street to Lakeshore Rd (BUR)	454	-	-	454	-
W	6714	6714	300mm WM on Brant from Fairview St to 180 m northerly (BUR)	405	-	-	405	-
W	6705	6705	200mm WM on Regina Drive from Maple Avenue to Ecole Renaissance Schoolyard (BUR)	377	-	-	377	-
W	6716	6716	200mm WM from end of Commerce Crt north to Fairview St (BUR)	370	-	-	370	-

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	7499	7499	2 system PRV's on Mountain View and Eighth Line at the creek (Georgetown Lakebased Transfer Implementation) (Construction) (HHGEO)	345	-	-	345	-
S	7540	7540	Decommissioning of Riverside WWPS and Shorewood Place WWPS (OAK)	300	-	-	300	-
S	7541	7541	Walker St WWPS - I/I reduction Program to gain capacity at the station. Scoping Study, Design and Construction (OAK)	286	-	-	286	-
W	7498	7498	Lake Based Servicing transfer of Derry Rd/R.R. 25 area (MIL)	280	-	-	280	-
W	7357	7357	400mm WM on Sixth Line from the proposed William Halton Parkway (RR 40) to southward approximately 300m (OAK)	270	-	-	270	-
W	7511	7511	Water Supply Capacity Annual Monitoring Report (REG)	250	-	-	250	-
S	7519	7519	Wastewater Treatment Capacity Annual Monitoring Report (REG)	250	-	-	250	-
W	6715	6715	300mm WM on Woodview Rd from Fairview St to 100 m Northerly (BUR)	231	-	-	231	-
W	7284	7284	400mm WM and valve chamber to be constructed on Neyagawa Blvd. (RR 4) (OAK)	223	-	-	223	-
S	7521	7521	Black Creek Monitoring Program (HHACT)	200	-	-	200	-
W	7503	7503	300 mm WM on Sixth Line from Hays Blvd to River Glen Blvd. Project required to support Zone 3/4/5 Boundary Re-alignment (OAK)	150	-	-	150	-
S	7168	7168	450 mm sewer on Burnhamthorpe Rd from Neyagawa Blvd. to King's Christian Collegiate (OAK)	130	-	-	130	-
S	7544	7544	Boyne WWPS - Decommissioning upon completion of gravity sewers #7159, #6382, #6381 (MIL)	100	-	-	100	-
S	7551	7551	1,200 L/s WWPS on Trafalgar Rd/ Britannia Rd - Construction (MIL)	22,107	27,090	-	49,197	27,090
W	7508	7508	20 ML/d Zone G6L Pumping Station at Zone 4 Reservoir - Construction (HHGEO)	4,880	14,045	-	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	-	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	-	16,572	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	7530	7530	1050 mm WWM on Trafalgar Rd from Golf Course to Britannia Rd / Trafalgar Rd WWPS - Construction (MIL)	11,134	9,265	-	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	-	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	-	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	-	12,421	9,265
S	7553	7553	1050 mm WWM 401 Crossing from Steeles Ave to Auburn Rd - Construction (MIL)	13,843	9,265	-	23,108	9,265
S	7554	7554	1050 mm WWM on Auburn Rd from Hwy 401 crossing easement to Trafalgar Rd - Construction (MIL)	4,473	9,265	-	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	-	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	-	13,047	5,581
W	6662	6662	600mm WM on Wyecroft Rd from Burloak Dr to the 900mm WM on the SE corner of the 3rd Line and QEW (OAK)	8,379	5,200	-	13,579	5,200
S	7533	7533	Twinned 750 mm WWFM on Britannia Rd from Trafalgar Rd to 6th Line - Construction (MIL)	11,774	2,967	-	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	-	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	-	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	-	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	-	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	-	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	-	2,271	1,200

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	6633	6633	400mm WM on Britannia Rd from 600 m east of Trafalgar Rd to 8th Line (Zone M4) (MIL)	1,167	1,200	-	2,367	1,200
W	6722	6722	300mm WM on Woodward Avenue between Martin Street and Ontario Street North (MIL)	1,366	1,175	-	2,541	1,175
W	6318	6318	300mm WM on No 14 Siderd from Tremaine Rd. to Milton Reservoir (Zone M5G) (MIL)	1,799	1,056	-	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	-	2,641	975
W	5853	5853	600mm WM on Tremaine Rd from Dundas St to approximately 950 m north (North Oakville Lands) (Zone O3) (OAK)	284	500	-	784	500
W	7513	7513	4th Line Pumping Station alterations to support Zone 3/4/5 Boundary Re-alignment (MIL)	1,884	(300)	-	1,584	(300)
W	6608	6608	750mm WM on Trafalgar from 15th Siderd to 22nd Siderd Lake Based Reservoir (Zone G6L) (HHGEO)	16,339	-	(13,806)	2,533	(13,806)
S	7526	7526	Agnes St WWPS Strategy. Scoping Study, EA, Design and Construction (HHACT)	7,239	-	(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 (Zone G6L) (HHGEO)	5,423	-	(4,583)	840	(4,583)
W	6655	6655	750mm WM on Trafalgar from 1,700 m north of 10th Siderd to 15th Siderd (Zone G6L) (HHGEO)	4,861	-	(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 (HHACT)	3,028	-	(2,516)	512	(2,516)
W	7501	7501	400mm WM on new North Oakville Rd west of Neyagawa Blvd. (OAK)	3,000	-	(2,400)	600	(2,400)
W	6609	6609	400mm WM on 17th Siderd from Trafalgar Rd to Main St (Zone G6L) (HHGEO)	2,504	-	(2,116)	388	(2,116)
S	6588	6588	Mid-Halton WWTP expansion from 125 ML/d to 175 ML/d (OAK)	17,957	-	(17,957)	-	(17,957)
W	5951	5951	Design of Burloak WPP Phase 2 Expansion from 55 to 165ML/d (OAK)	11,975	-	(11,975)	-	(11,975)
S	6585	8035	Twinned 900mm WWFM from Lower Base Line to RR 25 (MIL)	1,270	-	(1,270)	-	(1,270)
S	6584	8034	1,805 L/s WWPS at Lower Base Line and 4th Line (MIL)	607	-	(607)	-	(607)

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	6685	6685	Bulk Water Stations on Existing Sites (REG)	1,997	(1,997)	-	-	(1,997)
S	6530	6530	300 mm WWM on Kerr St between Forster Park and Rebecca St (OAK)	957	(957)	-	-	(957)
S	7539	7539	Norval WWPS - Capacity upgrade (HHGEO)	347	(347)	-	-	(347)
S	7542	7542	Main St WWPS Capacity Upgrade (HHGEO)	260	(260)	-	-	(260)
S	6527	6527	Twin 600 mm WWM on service road to Marine Drive WWPS from Marine Drive (OAK)	153	(153)	-	-	(153)
W			Commitments	25,484	-	-	25,484	-
S			Commitments	34,917	-	-	34,917	-
R			Commitments	2,660	-	-	2,660	-
G			General Services DC Collection	44,033	-	-	44,033	-
Total				\$ 1,488,850	\$ 368,534	\$ (317,925)	\$ 1,539,459	\$ 50,609

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)

Financing Summary

Residential Share	\$ 911,401
Regional Share:	
Non-Residential Interim Financing (Revolving Fund/Tax Capital Reserve)	409,679
Non-Growth (Tax Capital/Rate Reserves)	165,240
Subsidy	53,139
Total	\$ 1,539,459

Note: Schedule may not add due to rounding.

