



Draft Capital Listing: Water, Wastewater, Stormwater, and Transportation (including Transit)

City of Hamilton – 2023 Development Charges
Background Study

DRAFT – for Discussion Purposes

November 2023

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Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Services Related to a Highway

Prj .No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Length (km)	Capital Improvement	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
									Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%
	2023-2031												
	AEGD												
1	Airport Road - Terminal Access Road to East Cargo Road	2023-2031	0.32	2r-4u	3,789,000	-	-	3,789,000	568,000	-	3,221,000	2,351,330	869,670
2	Book Road - Southcote Road to Highway 6	2023-2031	1.05	2r-5u	10,581,000	-	-	10,581,000	1,587,000	-	8,994,000	6,565,620	2,428,380
3	Arterial 1N - Collector 2N to Dickenson Road/Garth Street Extension	2023-2031	2.97	5u	34,249,000	-	-	34,249,000	-	-	34,249,000	25,001,770	9,247,230
4	Dickenson Road - Glancaster Road to Upper James Street	2023-2031	2.90	2r-5u	31,576,000	-	-	31,576,000	4,736,000	-	26,840,000	19,593,200	7,246,800
5	Dickenson Road Extension - Glancaster Road to Smith Road	2023-2031	0.83	5r	6,527,000	-	-	6,527,000	-	-	6,527,000	4,764,710	1,762,290
6	Book Road - Smith Road to Southcote Road	2023-2031	0.45	2r-5u	4,936,000	-	-	4,936,000	740,000	-	4,196,000	3,063,080	1,132,920
7	Garth Street Extension - Twenty Road to Collector 6N	2031-2041	0.81	5u	9,296,000	9,296,000	-	-	-	-	-	-	-
8	Garth Street Extension - Collector 6N to Dickenson Road	2031-2041	0.66	5u	7,562,000	7,562,000	-	-	-	-	-	-	-
9	Glancaster Road - Dickenson Road to Arterial 1N	2031-2041	0.39	3u-5u	4,606,000	4,088,000	-	518,000	518,000	-	-	-	-
10	Smith Road - Garner Road to Hydro Corridor	2023-2031	0.88	3u	8,504,000	-	-	8,504,000	-	-	8,504,000	6,207,920	2,296,080
11	Smith Road - Hydro Corridor to Book Road	2031-2041	1.01	3u	9,795,000	9,795,000	-	-	-	-	-	-	-
12	Smith Road - Book Road to Arterial 1N	2031-2041	0.63	3u	7,199,000	6,389,000	-	810,000	810,000	-	-	-	-
13	Southcote Road - Garner Road to Book Road	2023-2031	1.95	5u	22,478,000	-	-	22,478,000	-	-	22,478,000	16,408,940	6,069,060
14	Glancaster Road - Arterial 1N to Airport Boundary	2031-2041	0.48	2u	3,513,000	3,513,000	-	-	-	-	-	-	-
15	Airport Road - East Cargo Road to Upper James Street	2023-2031	1.08	2r-3u	8,248,000	-	-	8,248,000	1,237,000	-	7,011,000	5,118,030	1,892,970
	Ancaster												
16	Garner Road - Highway 6 South to Wilson Street	2023-2031	4.86	2r-5u	49,311,000	-	-	49,311,000	7,397,000	-	41,914,000	30,597,220	11,316,780
17	Golf Links Road - McNiven Road to Kitty Murray Lane	2023-2031	0.84	4u	26,645,000	-	-	26,645,000	-	-	26,645,000	19,450,850	7,194,150
18	Jerseyville Road - Wilson Street to Lloyminn Avenue	2031-2041	0.79	2r-3u	6,367,000	5,651,000	-	716,000	716,000	-	-	-	-
19	Shaver Road - Trustwood to Garner Road	2023-2031	0.74	2r-2i	6,304,000	-	-	6,304,000	946,000	-	5,358,000	3,911,340	1,446,660
20	McNiven Road - Rousseaux Street/Mohawk Road to Golf Links Road	2023-2031	0.62	2r-3u	4,895,000	-	-	4,895,000	734,000	-	4,161,000	3,037,530	1,123,470
21	Jerseyville Road - Lloyminn Avenue to Meadowbrook Drive	2031-2041	1.25	2r-2u	10,165,000	9,021,000	-	1,144,000	1,144,000	-	-	-	-
	Fruitland - Winona												
22	Barton Street - Fruitland Road to Fifty Road	2023-2031	5.11	2r-5u	52,121,000	-	-	52,121,000	-	-	52,121,000	38,048,330	14,072,670
23	Fifty Road - Barton Street to South Service Road	2023-2031	0.55	2r-4u	5,178,000	-	-	5,178,000	777,000	-	4,401,000	3,212,730	1,188,270
24	Fifty Road - Barton Street to Highway 8	2031-2041	0.24	2r-3u	1,834,000	1,628,000	-	206,000	206,000	-	-	-	-
25	Gordon Dean Avenue - Barton Street to Highway 8	2023-2031	1.08	4u	11,552,000	-	-	11,552,000	-	-	11,552,000	8,432,960	3,119,040
26	Highway 8 - Dewitt Road to Jones Road	2023-2031	1.73	2r-4u	16,332,000	-	-	16,332,000	2,450,000	-	13,882,000	10,133,860	3,748,140
27	Highway 8 - Jones Road to McNeilly Road	2031-2041	1.73	2r-4u	17,716,000	15,723,000	-	1,993,000	1,993,000	-	-	-	-
28	Fruitland Road - Highway 8 to Barton Street	2023-2031	1.05	2r-3u	8,937,000	-	-	8,937,000	1,341,000	-	7,596,000	5,545,080	2,050,920
29	Fruitland Road - Arvin Avenue to Barton Street	2023-2031	0.36	2u-5u	4,339,000	-	-	4,339,000	651,000	-	3,688,000	2,692,240	995,760
	MTO												
30	Highway 403 - Mohawk Road/Lincoln M. Alexander Parkway to Highway 6 south interchange	2023-2031	0.00	Truck Climbing Lane	4,655,000	-	-	4,655,000	698,000	-	3,957,000	2,888,610	1,068,390
	Red Hill Business Park												

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									Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%	
2023-2031														
31	Dartnall Road - Twenty Road to Dickenson Road	2023-2031	1.55	4u	17,002,000	-	-	17,002,000	-	-	17,002,000	12,411,460	4,590,540	
32	Twenty Road East - Glover Road to Upper Redhill Valley Parkway	2023-2031	0.35	2i	3,186,000	-	-	3,186,000	-	-	3,186,000	2,325,780	860,220	
33	Upper Red Hill Valley Parkway - Rymal Road to Twenty Road	2031-2041	1.22	4u	13,103,000	13,103,000	-	-	-	-	-	-	-	
34	Dickenson Road - 350 meters west of Nebo to 330m west of Glover Road	2031-2041	1.20	2r-2i	11,285,000	10,015,000	-	1,270,000	1,270,000	-	-	-	-	
35	Glover Road - Twenty Road to Rymal Road	2023-2031	1.31	2r-2i	11,485,000	-	-	11,485,000	1,723,000	-	9,762,000	7,126,260	2,635,740	
36	Nebo Road - Twenty Road to Dickenson Road/Dartnall Road	2023-2031	0.74	2r-2i	6,302,000	-	-	6,302,000	945,000	-	5,357,000	3,910,610	1,446,390	
37	Nebo Road - Rymal Road to Twenty Road East	2023-2031	1.30	2r-2i	11,086,000	-	-	11,086,000	1,663,000	-	9,423,000	6,878,790	2,544,210	
South Mountain Area														
38	Rymal Road - Dartnall Road to Upper James Street	2023-2031	5.17	5u	59,672,000	-	-	59,672,000	-	-	59,672,000	43,560,560	16,111,440	
39	Upper Wellington Street - Limeridge Road to Stone Church Road	2023-2031	1.04	2r-3u	12,702,000	-	-	12,702,000	1,905,000	-	10,797,000	7,881,810	2,915,190	
40	Garth Street - Rymal Road to Twenty Road West	2031-2041	1.41	2r-5u	15,963,000	14,167,000	-	1,796,000	1,796,000	-	-	-	-	
41	Rymal Road - Glanaster Road to Upper Paradise Street	2023-2031	0.55	2r-5u	5,595,000	-	-	5,595,000	839,000	-	4,756,000	3,471,880	1,284,120	
42	West 5th Street - Rymal Road to Stone Church Road	2023-2031	1.01	2r-3u	7,729,000	-	-	7,729,000	1,159,000	-	6,570,000	4,796,100	1,773,900	
Stoney Creek														
43	Arvin Avenue - McNeilly Road to Lewis Road	2023-2031	0.85	2i	9,267,000	-	-	9,267,000	1,390,000	-	7,877,000	5,750,210	2,126,790	
44	South Service Road - Lewis Road to Fifty Road	2023-2031	1.79	2r-4r	13,701,000	-	-	13,701,000	2,055,000	-	11,646,000	8,501,580	3,144,420	
45	Jones Road - Barton Street to South Service Road	2023-2031	0.92	2r-2i	8,036,000	-	-	8,036,000	1,205,000	-	6,831,000	4,986,630	1,844,370	
46	Lewis Road - Barton Street to South Service Road	2023-2031	0.87	2r-2i	7,872,000	-	-	7,872,000	1,181,000	-	6,691,000	4,884,430	1,806,570	
47	Millen Road - Barton Street to South Service Road	2023-2031	1.07	2r-2i	9,092,000	-	-	9,092,000	1,364,000	-	7,728,000	5,641,440	2,086,560	
48	South Service Road - Millen Road to Gray Road	2031-2041	1.55	2r-2u	12,006,000	10,655,000	-	1,351,000	1,351,000	-	-	-	-	
Twenty Road East														
49	Upper Ottawa Street - End to Twenty Road	2031-2041	0.95	4u	10,216,000	10,216,000	-	-	-	-	-	-	-	
Waterdown														
50	North Waterdown Drive/Parkside Drive - Centre Road to Avonsyde Boulevard	2023-2031	2.25	3u	55,842,000	-	-	55,842,000	-	-	55,842,000	40,764,660	15,077,340	
51	North Waterdown Drive - Clappison Avenue Extension to Mosaic Drive	2023-2031	0.59	3u	5,727,000	-	-	5,727,000	-	-	5,727,000	4,180,710	1,546,290	
52	Clappison Avenue Extension - Parkside Drive to North Waterdown Drive	2023-2031	0.54	2u	5,106,000	-	-	5,106,000	766,000	-	4,340,000	3,168,200	1,171,800	
53	Parkside Drive - Hollybush Drive to Highway 6	2023-2031	1.07	2r-4u	10,267,000	-	-	10,267,000	1,540,000	-	8,727,000	6,370,710	2,356,290	
54	Parkside Drive - Main Street to North Waterdown Drive	2031-2041	0.59	2r-3u	4,533,000	4,023,000	-	510,000	510,000	-	-	-	-	
Other														
55	Binbrook Road - Fletcher Road to Binhaven Road	2023-2031	0.91	2r-2u	7,297,000	-	-	7,297,000	1,095,000	-	6,202,000	4,527,460	1,674,540	
56	LRT corridor - Centennial Parkway/Main Street/King Street to McMaster University	2023-2031	13.77	Public Realm Improvements	9,990,000	-	-	9,990,000	1,499,000	-	8,491,000	6,198,430	2,292,570	

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	2023-2031												
57	Lincoln M. Alexander Parkway-Red Hill Valley Parkway - Highway 403 to Queen Elizabeth Way	2031-2041	17.30	4r-6u	135,000,000	119,812,000	-	15,188,000	15,188,000	-	-	-	-
	Major Structures												
58	Highway 5/6 Interchange	2023-2031	-	Structure	46,843,000	-	-	46,843,000	-	-	46,843,000	34,195,390	12,647,610
59	Mohawk Road - Highway 403 Interchange Ramp	2023-2031	-	Structure	7,714,000	-	-	7,714,000	3,857,000	-	3,857,000	2,815,610	1,041,390
60	Strathcona Pedestrian Bridge	2027	-	Structure	10,109,000	-	-	10,109,000	8,189,000	-	1,920,000	1,401,600	518,400
61	Limeridge Mall Bridge	2023-2031	-	Structure	6,500,000	-	3,500,000	3,000,000	2,430,000	-	570,000	416,100	153,900
62	Henderson Lift Bridge	2023-2031	-	Structure	20,000,000	-	-	20,000,000	16,200,000	-	3,800,000	2,774,000	1,026,000
63	Chedoke-Cootes Bridge	2023-2031	-	Structure	31,500,000	-	-	31,500,000	25,515,000	-	5,985,000	4,369,050	1,615,950
64	Hamilton Centre Bridge	2023-2031	-	Structure	9,500,000	-	-	9,500,000	7,695,000	-	1,805,000	1,317,650	487,350
65	Red Hill Bridge	2023-2031	-	Structure	19,000,000	-	-	19,000,000	15,390,000	-	3,610,000	2,635,300	974,700
66	Dundas Bridge	2023-2031	-	Structure	3,125,000	-	-	3,125,000	2,531,000	-	594,000	433,620	160,380
67	Grade Separation	2023-2031	-	Grade Separation	68,535,000	25,700,625	-	42,834,375	17,133,750	-	25,700,625	18,761,456	6,939,169
	Programs												
68	New Signals (Pedestrian and/or Regular)	2024-2031	-	City-Wide Program	32,000,000	-	-	32,000,000	1,600,000	-	30,400,000	22,192,000	8,208,000
69	Development Road Urbanization	2024-2031	-	City-Wide Program	6,500,000	-	-	6,500,000	325,000	-	6,175,000	4,507,750	1,667,250
70	Street Lighting Enhancement Program	2024-2031	-	City-Wide Program	3,250,000	-	-	3,250,000	2,633,000	-	617,000	450,410	166,590
71	Pedestrian Crossovers	2024-2031	-	City-Wide Program	1,680,000	-	-	1,680,000	1,361,000	-	319,000	232,870	86,130
72	Advanced Traffic Management Systems	2024-2031	-	City-Wide Program	6,000,000	-	-	6,000,000	4,500,000	-	1,500,000	1,095,000	405,000
73	Miscellaneous Land Acquisitions	2024-2031	-	City-Wide Program	5,000,000	-	-	5,000,000	250,000	-	4,750,000	3,467,500	1,282,500
74	Transit Shelter Expansion Program	2024-2031	-	City-Wide Program	1,200,000	-	-	1,200,000	600,000	-	600,000	438,000	162,000
75	Bus Stop Shelter Rehabilitation Program	2024-2031	-	City-Wide Program	1,000,000	-	-	1,000,000	850,000	-	150,000	109,500	40,500
76	New Sidewalk Program	2024-2031	-	City-Wide Program	6,500,000	-	-	6,500,000	-	-	6,500,000	4,745,000	1,755,000
77	New Traffic Signals	2024-2031	-	City-Wide Program	12,000,000	-	-	12,000,000	600,000	-	11,400,000	8,322,000	3,078,000
78	New Traffic Signal - Drakes Drive at North Service Road	2024-2031	-	Traffic Signal	350,000	-	-	350,000	18,000	-	332,000	242,360	89,640
79	New Traffic Signal - Regional Road 20 at Westbrook Road	2024-2031	-	Traffic Signal	350,000	-	-	350,000	18,000	-	332,000	242,360	89,640
80	New Traffic Signal - Regional Road 56 at Kirk Road	2024-2031	-	Traffic Signal	350,000	-	-	350,000	18,000	-	332,000	242,360	89,640
81	New Traffic Signal - Fifty Road at North Service Road	2024-2031	-	Traffic Signal	350,000	-	-	350,000	18,000	-	332,000	242,360	89,640
82	New Traffic Signal - Fruitland Road at North Service Road	2024-2031	-	Traffic Signal	350,000	-	-	350,000	18,000	-	332,000	242,360	89,640
83	Unidentified intersection improvements (excluding Traffic Signals)	2024-2031	-	City-Wide Program	3,250,000	-	-	3,250,000	2,633,000	-	617,000	450,410	166,590
84	Annual Bike Parking at B/A Line Stops	2024-2031	-	City-Wide Program	46,000	-	-	46,000	37,000	-	9,000	6,570	2,430
85	Annual Enhanced Bike Parking at Express Bus/Rapid Transit Stops	2024-2031	-	City-Wide Program	275,000	-	-	275,000	223,000	-	52,000	37,960	14,040
86	Transportation Demand Management	2024-2031	-	City-Wide Program	4,400,000	-	-	4,400,000	3,564,000	-	836,000	610,280	225,720
87	Durable Pavement Markings - New Installations	2024-2031	-	City-Wide Program	1,600,000	-	-	1,600,000	240,000	-	1,360,000	992,800	367,200
88	Traffic Controller Cabinet Replacements	2024-2031	-	City-Wide Program	3,200,000	-	-	3,200,000	-	-	3,200,000	2,336,000	864,000
89	Traffic Signal Upgrades	2024-2031	-	City-Wide Program	2,400,000	-	-	2,400,000	120,000	-	2,280,000	1,664,400	615,600
90	Traffic Signal LED Replacement Program	2024-2031	-	City-Wide Program	1,760,000	-	-	1,760,000	1,760,000	-	-	-	-
91	Sidewalk Missing Link Program	2024-2031	-	City-Wide Program	2,000,000	-	-	2,000,000	1,620,000	-	380,000	277,400	102,600
92	Bike Parking	2024-2031	-	City-Wide Program	720,000	-	-	720,000	583,000	-	137,000	100,010	36,990
93	Micromobility	2024-2031	-	City-Wide Program	1,200,000	-	-	1,200,000	972,000	-	228,000	166,440	61,560
94	Miscellaneous Land Acquisitions	2024-2031	-	City-Wide Program	6,650,000	-	-	6,650,000	333,000	-	6,317,000	4,611,410	1,705,590
	Active Transportation Projects												
95	Barton - Brockley to Fruitland	2023-2031	3.95	Multi-Use Trail	164,000	9,300	-	154,700	133,000	-	21,700	15,841	5,859
96	Barton - Red Hill Valley to Lake	2023-2031	1.61	Cycle track	311,000	17,700	-	293,300	252,000	-	41,300	30,149	11,151

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97	Baseline/ Lockport - Winona Road to Niagara border	2023-2031	1.15	Bike Lane	31,000	1,800	-	29,200	25,000	-	4,200	3,066	1,134
98	Battlefield Park - Bruce Trail Link - Greenhill to Bruce Trail to Glover Mtn	2023-2031	0.75	Multi-Use Trail	709,000	40,500	-	668,500	574,000	-	94,500	68,985	25,515
99	Beach Bike Lane - under QEW	2023-2031	0.24	Bike Lane	9,000	300	-	8,700	8,000	-	700	511	189
100	Beach Boulevard - lift bridge to Woodward/Eastport	2023-2031	4.52	Bike Lane	125,000	7,200	-	117,800	101,000	-	16,800	12,264	4,536
101	Beddoe Drive Link	2023-2031	0.91	Multi-Use Trail	690,000	39,300	-	650,700	559,000	-	91,700	66,941	24,759
102	Binbrook Road - Regional Road 56 to Southbrook	2023-2031	0.28	Bike Lane	9,000	300	-	8,700	8,000	-	700	511	189
103	Binbrook Road - Trinity Church to Royal Winter/Binhaven	2023-2031	2.16	Multi-Use Trail	327,000	98,100	-	228,900	-	-	228,900	167,097	61,803
104	Birch/ Holton - Burlington St to Cannon/ King/ Delaware	2023-2031	1.40	Bike Lane	41,000	2,400	-	38,600	33,000	-	5,600	4,088	1,512
105	Burlington Street East Boulevard Trail - Ottawa to Parkdale to Glow	2023-2031	2.30	Multi-Use Trail	1,397,000	79,800	-	1,317,200	1,131,000	-	186,200	135,926	50,274
106	Burlington Street Link - Ferguson/ Dock Service Road to Sherman	2023-2031	1.88	Multi-Use Trail	138,000	7,800	-	130,200	112,000	-	18,200	13,286	4,914
107	Burlington/ Industrial - Sherman to Gage	2023-2031	0.86	Cycle track	132,000	7,500	-	124,500	107,000	-	17,500	12,775	4,725
108	Centennial Parkway - North Service to GO station/ Kenora	2023-2031	1.20	Multi-Use Trail	207,000	11,700	-	195,300	168,000	-	27,300	19,929	7,371
109	Centre - Concession 8 E to Concession 7 E	2023-2031	1.80	Paved Shoulder	467,000	119,100	-	347,900	70,000	-	277,900	202,867	75,033
110	Centre - Grindstone Creek to Concession 5 E	2023-2031	0.45	Paved Shoulder	117,000	29,700	-	87,300	18,000	-	69,300	50,589	18,711
111	Centre - Warren/ Carlisle Road to Progreston	2023-2031	0.78	Paved Shoulder	201,000	51,300	-	149,700	30,000	-	119,700	87,381	32,319
112	Charlton/ John - James to Ferguson & St Joseph's Dr	2023-2031	0.80	Bike Lane	112,000	6,600	-	105,400	90,000	-	15,400	11,242	4,158
113	Chedmac - Southridge to Rice	2023-2031	0.53	Bike Lane	31,000	1,800	-	29,200	25,000	-	4,200	3,066	1,134
114	Chedoke Rail Trail - Highway 403 to Dundurn	2023-2031	4.68	Multi-Use Trail	1,978,000	112,800	-	1,865,200	1,602,000	-	263,200	192,136	71,064
115	Cherry Beach Road Link - Millen to Dewitt	2023-2031	0.91	Multi-Use Trail	311,000	17,700	-	293,300	252,000	-	41,300	30,149	11,151
116	Christie-Tews - Christie C.A. to Harvest	2023-2031	2.75	Multi-Use Trail	1,495,000	381,300	-	1,113,700	224,000	-	889,700	649,481	240,219
117	Delawana - Kenora to Lake	2023-2031	1.02	Bike Lane	12,000	600	-	11,400	10,000	-	1,400	1,022	378
118	Devil's Punchbowl Link - Mountain Ave/ Lake Ave to Ridge Road/ Devil's	2023-2031	0.42	Multi-Use Trail	200,000	11,400	-	188,600	162,000	-	26,600	19,418	7,182
119	Dewitt - Barton to Dundee	2023-2031	0.90	Bike Lane	28,000	1,500	-	26,500	23,000	-	3,500	2,555	945
120	Dewitt - Dundee to Ridge	2023-2031	0.50	Bike Lane	998,000	57,000	-	941,000	808,000	-	133,000	97,090	35,910
121	Dundas St - Main to Cootes	2023-2031	0.68	Bike Lane	21,000	1,200	-	19,800	17,000	-	2,800	2,044	756
122	Dundas St in Waterdown - Highway 6 to Kearns (border)	2023-2031	6.03	Multi-Use Trail	172,000	9,900	-	162,100	139,000	-	23,100	16,863	6,237
123	East Townline - Mud to Highland	2023-2031	1.10	Bike Lane	17,000	4,200	-	12,800	3,000	-	9,800	7,154	2,646
124	Eastport Drive Lift Bridge Link	2023-2031	0.60	Multi-Use Trail	2,328,000	132,900	-	2,195,100	1,885,000	-	310,100	226,373	83,727
125	Edgewood - Safari to Highway 6	2023-2031	0.90	Bike Lane	15,000	4,500	-	10,500	-	-	10,500	7,665	2,835
126	Emperor - Brigade to Acadia	2023-2031	0.44	Bike Lane	21,000	1,200	-	19,800	17,000	-	2,800	2,044	756
127	Existing Pipeline Trail - Main to Strathearne	2023-2031	2.20	Multi-Use Trail	6,223,000	354,600	-	5,868,400	5,041,000	-	827,400	604,002	223,398
128	Fallsview - Sydenham to Rock Chapel Road	2023-2031	1.40	Multi-Use Trail	466,000	139,800	-	326,200	-	-	326,200	238,126	88,074
129	Fennell Avenue Boulevard Trail - Garth/ West 18th to West 5th	2023-2031	1.20	Multi-Use Trail	548,000	31,200	-	516,800	444,000	-	72,800	53,144	19,656
130	Ferguson - Young to Charlton	2023-2031	0.21	Bike Lane	3,000	300	-	2,700	2,000	-	700	511	189
131	Fiddler's Green - Armerly to Carluke	2023-2031	6.77	Bike Lane	28,000	8,400	8,000	11,600	-	-	11,600	8,468	3,132
132	Fiddler's Green - Jerseyville to Wilson	2023-2031	0.25	Bike Lane	8,000	600	-	7,400	6,000	-	1,400	1,022	378
133	First Rd W/Whitedeer/Terryberry & Picardy/ Highbury - Glover Mtn Road/ Ridgeview Dr to Rymal/ Bellagio	2023-2031	4.08	Bike Lane	64,000	3,600	-	60,400	52,000	-	8,400	6,132	2,268
134	Frances - Grays to Southshore	2023-2031	1.15	Bike Lane	207,000	11,700	-	195,300	168,000	-	27,300	19,929	7,371
135	Frid/Chatham - Longwood to Dundurn	2023-2031	1.00	Bike Lane	8,000	600	-	7,400	6,000	-	1,400	1,022	378

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
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										Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%	
136	Golf Links/ Halson - Wilson to Southcote	2023-2031	1.19	Bike Lane	37,000	2,100	-	34,900	30,000	-	-	4,900	3,577	1,323
137	Governor's - Wainwright to Lynden	2023-2031	13.06	Paved Shoulder	867,000	260,100	-	606,900	-	-	606,900	443,037	163,863	
138	Governor's - Ogilvie to Main	2023-2031	0.24	Bike Lane	57,000	3,300	-	53,700	46,000	-	7,700	5,621	2,079	
139	Greenhill - Harrisford to Summercrest	2023-2031	1.94	Bike Lane	101,000	5,700	-	95,300	82,000	-	13,300	9,709	3,591	
140	Greenhill - Summercrest to King	2023-2031	1.20	Bike Lane	63,000	3,600	-	59,400	51,000	-	8,400	6,132	2,268	
141	Hamilton Drive Link	2023-2031	-	Multi-Use Trail	2,633,000	150,000	-	2,483,000	2,133,000	-	350,000	255,500	94,500	
142	Hamilton in Waterdown - Centre/Main to Highway 5/Dundas	2023-2031	1.00	Multi-Use Trail	82,000	4,500	-	77,500	67,000	-	10,500	7,665	2,835	
143	Hamilton-Brantford Rail Trail - Bridlewood Dr to Ewen	2023-2031	4.00	Multi-Use Trail	540,000	30,900	-	509,100	437,000	-	72,100	52,633	19,467	
144	Hatt - Peel to John	2023-2031	0.65	Cycle track	39,000	2,400	-	36,600	31,000	-	5,600	4,088	1,512	
145	Hollybush - Parkside to Dundas St	2023-2031	1.10	Bike Lane	21,000	1,200	-	19,800	17,000	-	2,800	2,044	756	
146	Hydro Corridor - Lawrence Avenue to Greenhill Avenue	2023-2031	1.15	Multi-Use Trail	572,000	32,700	-	539,300	463,000	-	76,300	55,699	20,601	
147	Hydro Corridor - Wilson/Highway 52 to Regional Road 56	2023-2031	12.70	Multi-Use Trail	10,131,000	3,039,300	-	7,091,700	-	-	7,091,700	5,176,941	1,914,759	
148	Iroquois Heights to Old Mohawk - Chedoke Rail Trail to Old Mohawk Road	2023-2031	0.85	Multi-Use Trail	423,000	24,000	-	399,000	343,000	-	56,000	40,880	15,120	
149	Jones Road Link	2023-2031	2.67	Multi-Use Trail	295,000	24,300	214,000	56,700	-	-	56,700	41,391	15,309	
150	Karst Escarpment Loop - Pritchard to Mount Albion/Winterberry	2023-2031	0.70	Multi-use Trail	519,000	29,700	-	489,300	420,000	-	69,300	50,589	18,711	
151	Kenora/ Greenford/ Owen - Bancroft to King	2023-2031	2.60	Bike Lane	229,000	13,200	-	215,800	185,000	-	30,800	22,484	8,316	
152	Kentley - Eugene to Kenora	2023-2031	0.40	Signed Bike Route	5,000	300	-	4,700	4,000	-	700	511	189	
153	Kerns Road, Waterdown South Link	2023-2031	-	Multi-Use Trail	1,273,000	72,600	-	1,200,400	1,031,000	-	169,400	123,662	45,738	
154	King in Dundas - Bond to Peel	2023-2031	0.80	Bike Lane	41,000	2,400	-	38,600	33,000	-	5,600	4,088	1,512	
155	King over Red Hill Valley Parkway - Lawrence to Pottruff	2023-2031	0.60	Cycle track	36,000	2,100	-	33,900	29,000	-	4,900	3,577	1,323	
156	Kitty Murray - Garner to Golf Links	2023-2031	2.26	Bike Lane	70,000	3,900	-	66,100	57,000	-	9,100	6,643	2,457	
157	Limeridge - Birchview to Mtn Brow	2023-2031	1.98	Bike Lane	93,000	5,400	-	87,600	75,000	-	12,600	9,198	3,402	
158	Limeridge Mall Hydro Corridor Trail - Mohawk Road to South of Rymal	2023-2031	3.80	Multi-Use Trail	1,867,000	106,200	-	1,760,800	1,513,000	-	247,800	180,894	66,906	
159	Lovers Lane - Sulphur Springs to Jerseyville	2023-2031	0.90	Bike Lane	28,000	1,500	-	26,500	23,000	-	3,500	2,555	945	
160	Marston - Paramount to Gordon Drummond	2023-2031	0.40	Bike Lane	19,000	1,200	-	17,800	15,000	-	2,800	2,044	756	
161	Meadowbrook	2023-2031	1.00	Bike Lane	21,000	1,200	-	19,800	17,000	-	2,800	2,044	756	
162	Meadowlands/ Raymond - Golf Links to Garner	2023-2031	2.10	Bike Lane	65,000	3,600	-	61,400	53,000	-	8,400	6,132	2,268	
163	Millen - Shoreview to Millen/ Seaman	2023-2031	0.50	Bike Lane	41,000	900	20,000	20,100	18,000	-	2,100	1,533	567	
164	Mohawk - Old Mohawk to Upper Paradise	2023-2031	1.83	Bike Lane	63,000	3,600	-	59,400	51,000	-	8,400	6,132	2,268	
165	Montclair/ Central/ Graham/ Frederick	2023-2031	3.80	Signed Bike Route	25,000	1,500	-	23,500	20,000	-	3,500	2,555	945	
166	Mountain Brow Boulevard Trail - Mohawk to Arbour	2023-2031	1.81	Multi-Use Trail	497,000	28,200	-	468,800	403,000	-	65,800	48,034	17,766	
167	Mountain Brow East Path - Rendell to Oakcrest	2023-2031	0.81	Multi-Use Trail	2,075,000	118,200	-	1,956,800	1,681,000	-	275,800	201,334	74,466	
168	Mountain Brow in Waterdown - Mill to Burke to King Road	2023-2031	1.20	Multi-Use Trail	878,000	50,100	-	827,900	711,000	-	116,900	85,337	31,563	
169	Museum of Steam and Tech Link - Woodward to Red Hill Valley Trail	2023-2031	0.75	Multi-Use Trail	807,000	45,900	-	761,100	654,000	-	107,100	78,183	28,917	
170	Nash - Bancroft to King	2023-2031	2.58	Cycle track	134,000	7,500	-	126,500	109,000	-	17,500	12,775	4,725	
171	North Service Road - Bellavista to Baseline	2023-2031	0.98	Bike Lane	31,000	1,800	-	29,200	25,000	-	4,200	3,066	1,134	
172	North Service Road - Dewitt to Lakeview	2023-2031	0.73	Bike Lane	21,000	1,200	-	19,800	17,000	-	2,800	2,044	756	
173	Northlawn Avenue Link	2023-2031	1.10	Multi-Use Trail	532,000	159,600	77,000	295,400	-	-	295,400	215,642	79,758	
174	Ogilvie/ Old Ancaster - Hatt/ King to Hamilton-Brantford Rail Trail	2023-2031	0.80	Bike Lane	19,000	1,200	-	17,800	15,000	-	2,800	2,044	756	
175	Old Guelph Road - Paterson to York Bike Lane	2023-2031	3.53	Paved Shoulder	1,206,000	307,500	-	898,500	181,000	-	717,500	523,775	193,725	
176	Old Mud - Mt Albion to Winterberry	2023-2031	0.40	Bike Lane	12,000	600	-	11,400	10,000	-	1,400	1,022	378	

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
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										Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%	
	2023-2031													
177	Osler/ Main - Hatt/ King to Main + 125m of Main	2023-2031	2.00	Bike Lane	117,000	6,600	-	110,400	95,000	-	15,400	11,242	4,158	
178	Ottawa Street South - Bruce Trail Link	2023-2031	0.39	Multi-Use Trail	912,000	51,900	-	860,100	739,000	-	121,100	88,403	32,697	
179	Proposed Pipeline Trail - Museum of Steam and Technology to Mahoney	2023-2031	2.40	Multi-Use Trail	688,000	39,300	-	648,700	557,000	-	91,700	66,941	24,759	
180	Queensdale - Upper Sherman to Upper Ottawa	2023-2031	1.56	Bike Lane	48,000	2,700	-	45,300	39,000	-	6,300	4,599	1,701	
181	Queensdale - Upper Wellington to Skyland	2023-2031	0.39	Bike Lane	52,000	3,000	-	49,000	42,000	-	7,000	5,110	1,890	
182	Queenston/ Highway 8 - King to Dewitt	2023-2031	1.37	Bike Lane	327,000	18,600	-	308,400	265,000	-	43,400	31,682	11,718	
183	Regional Road 56 - Swayze Road to Cemetery	2023-2031	4.60	Multi-Use Trail	4,148,000	1,244,400	1,349,000	1,554,600	-	-	1,554,600	1,134,858	419,742	
184	Regional Road 56 south of Kirk - Windwood to Kirk	2023-2031	1.14	Multi-Use Trail	1,037,000	264,300	-	772,700	156,000	-	616,700	450,191	166,509	
185	Ridge Road - Devil Punch Bowl to Dewitt	2023-2031	2.91	Multi-Use Trail	1,037,000	59,100	-	977,900	840,000	-	137,900	100,667	37,233	
186	Rousseaux/ Mohawk - Wilson to Filman	2023-2031	1.60	Bike Lane	299,000	17,100	-	281,900	242,000	-	39,900	29,127	10,773	
187	Scenic - Chedoke Rail Trail to Upper Paradise	2023-2031	2.27	Bike Lane	36,000	2,100	-	33,900	29,000	-	4,900	3,577	1,323	
188	Scenic/ Denlow - Upper Paradise to Garth	2023-2031	0.95	Bike Lane	15,000	900	-	14,100	12,000	-	2,100	1,533	567	
189	Shaver - Wilson to Garner	2023-2031	0.52	Multi-Use Trail	16,000	900	-	15,100	13,000	-	2,100	1,533	567	
190	Strachan Street Trail - James to Ferguson	2023-2031	0.66	Multi-Use Trail	448,000	25,500	-	422,500	363,000	-	59,500	43,435	16,065	
191	Stuart Street Rail Link	2023-2031	0.94	Multi-Use Trail	338,000	19,200	-	318,800	274,000	-	44,800	32,704	12,096	
192	Upper James - William Connell Park	2023-2031	0.38	Multi-Use Trail	299,000	17,100	-	281,900	242,000	-	39,900	29,127	10,773	
193	Upper Sherman - Stone Church to Rymal to Miles	2023-2031	1.00	Bike Lane	238,000	13,500	-	224,500	193,000	-	31,500	22,995	8,505	
194	Upper Wentworth - Concession to Fennell	2023-2031	1.03	Bike Lane	53,000	3,000	-	50,000	43,000	-	7,000	5,110	1,890	
195	Upper Wentworth - Fennell to East 24th	2023-2031	1.03	Bike Lane	53,000	3,000	-	50,000	43,000	-	7,000	5,110	1,890	
196	Valley Road - Rock Chapel to York Road	2023-2031	1.40	Paved Shoulder	415,000	105,900	-	309,100	62,000	-	247,100	180,383	66,717	
197	Van Wagner's - Beach Bike Lane to Centennial Parkway	2023-2031	2.50	Bike Lane	104,000	6,000	-	98,000	84,000	-	14,000	10,220	3,780	
198	Victoria - Young to Burlington	2023-2031	2.53	Bike Lane	53,000	3,000	-	50,000	43,000	-	7,000	5,110	1,890	
199	Walnut Grove & Sanctuary Park - Walnut Grove/ Ogilvie to Highland Park Dr	2023-2031	0.40	Multi-Use Trail	487,000	27,900	-	459,100	394,000	-	65,100	47,523	17,577	
200	Warrington/ South Service/ Lake - Centennial Parkway to Maple	2023-2031	3.86	Multi-Use Trail	104,000	6,000	-	98,000	84,000	-	14,000	10,220	3,780	
201	White Church Road West Link	2023-2031	6.55	Multi-Use Trail	1,749,000	524,700	762,000	462,300	-	-	462,300	337,479	124,821	
202	Wilson in Ancaster - Rousseaux to Halson	2023-2031	0.85	Bike Lane	27,000	1,500	-	25,500	22,000	-	3,500	2,555	945	
203	Winona - Lido/ shore to Peachtree (Helena)	2023-2031	1.97	Multi-Use Trail	61,000	3,300	-	57,700	50,000	-	7,700	5,621	2,079	
204	York Road - Olympic to Valley Road	2023-2031	1.70	Paved Shoulder	581,000	148,200	-	432,800	87,000	-	345,800	252,434	93,366	
205	York Road & York Road at Old Guelph - Valley Road to Highway 6	2023-2031	2.50	Multi-Use Trail	1,906,000	571,800	-	1,334,200	-	-	1,334,200	973,966	360,234	
206	Acadia - Emperor to End	2023-2031	0.54	Signed Bike Route	22,000	1,200	-	20,800	18,000	-	2,800	2,044	756	
207	Alma - Sydenham to Queen	2023-2031	0.09	Bike Lane	12,000	600	-	11,400	10,000	-	1,400	1,022	378	
208	Aguasanta - Diconzo to Ascoli	2023-2031	0.09	Signed Bike Route	4,000	300	-	3,700	3,000	-	700	511	189	
209	Baker - Breadalbane to Dundum	2023-2031	0.14	Signed Bike Route	6,000	300	-	5,700	5,000	-	700	511	189	
210	Baseline - Lockport to North Service Road	2023-2031	2.66	Bike Lane	373,000	95,100	-	277,900	56,000	-	221,900	161,987	59,913	
211	Bedrock - First Rd W to 300m West of First Rd W	2023-2031	0.33	Bike Lane	46,000	2,700	-	43,300	37,000	-	6,300	4,599	1,701	
212	Bellagio - Fletcher to Terryberry	2023-2031	1.64	Bike Lane	229,000	12,900	-	216,100	186,000	-	30,100	21,973	8,127	
213	Binbrook Road - Fletcher to Binhaven	2023-2031	0.94	Multi-Use Trail	706,000	40,200	-	665,800	572,000	-	93,800	68,474	25,326	
214	Binbrook Road - Southbrook to Boundary	2023-2031	6.02	Paved Shoulder	1,805,000	460,200	-	1,344,800	271,000	-	1,073,800	783,874	289,926	
215	Book Road - Shaver to Fiddler's Green	2023-2031	2.50	Paved Shoulder	751,000	191,400	-	559,600	113,000	-	446,600	326,018	120,582	
216	Book Road - Fiddler's Green to Glancaster	2023-2031	3.42	Bike Lane	478,000	3,600	417,000	57,400	49,000	-	8,400	6,132	2,268	
217	Brantdale - West Fifth Street to Upper James	2023-2031	0.42	Signed Bike Route	17,000	900	-	16,100	14,000	-	2,100	1,533	567	
218	Bridlewood - Governor's to Highland Park Drive	2023-2031	0.59	Signed Bike Route	23,000	1,200	-	21,800	19,000	-	2,800	2,044	756	
219	Brigade - Upper Wellington to Emperor	2023-2031	0.82	Signed Bike Route	33,000	2,100	-	30,900	26,000	-	4,900	3,577	1,323	

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									Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%
220	Brock - Harvest Road to Highway 8	2023-2031	0.55	Paved Shoulder	164,000	41,700	-	122,300	25,000	-	97,300	71,029	26,271
221	Brock - Safari to Freelon	2023-2031	4.50	Paved Shoulder	1,351,000	405,300	-	945,700	-	-	945,700	690,361	255,339
222	Burke - Great Falls Blvd to McKnight Ave E	2023-2031	0.51	Bike Lane	72,000	4,200	-	67,800	58,000	-	9,800	7,154	2,646
223	Butter - Glanaster to Fiddler's Green	2023-2031	2.21	Bike Lane	309,000	92,700	-	216,300	-	-	216,300	157,899	58,401
224	Canada - Locke to Queen	2023-2031	0.41	Signed Bike Route	16,000	900	-	15,100	13,000	-	2,100	1,533	567
225	Carlisle - Highway 6 to Wildberry Way	2023-2031	2.35	Paved Shoulder	705,000	211,500	-	493,500	-	-	493,500	360,255	133,245
226	Carlisle Trail Loop - Centre Road to Border	2023-2031	3.35	Paved Shoulder	1,006,000	256,500	-	749,500	151,000	-	598,500	436,905	161,595
227	Carlson Street - Highland Road to End	2023-2031	0.11	Signed Bike Route	4,000	-	-	4,000	4,000	-	-	-	-
228	Carlisle - Glanaster to Shaver	2023-2031	3.53	Paved Shoulder	1,058,000	269,700	-	788,300	159,000	-	629,300	459,389	169,911
229	Central - Edgemont to Cochrane	2023-2031	1.54	Signed Bike Route	61,000	3,300	-	57,700	50,000	-	7,700	5,621	2,079
230	Chatham Street - Dundurn to Frid	2023-2031	0.27	Bike Lane	37,000	2,100	-	34,900	30,000	-	4,900	3,577	1,323
231	Concession 10 West - Foreman to Freelon	2023-2031	9.28	Signed Bike Route	371,000	111,300	-	259,700	-	-	259,700	189,581	70,119
232	Concession 11 E - Centre Road to Freelon	2023-2031	2.65	Paved Shoulder	794,000	238,200	-	555,800	-	-	555,800	405,734	150,066
233	Concession 4 West - Millgrove Sideroad to Highway 6	2023-2031	1.78	Paved Shoulder	533,000	135,900	-	397,100	80,000	-	317,100	231,483	85,617
234	Concession 6 East - Highway 6 to Centre Road	2023-2031	2.79	Paved Shoulder	837,000	213,300	-	623,700	126,000	-	497,700	363,321	134,379
235	Concession 7 West - Boundary to Edgewood Road	2023-2031	18.80	Paved Shoulder	5,641,000	1,692,300	-	3,948,700	-	-	3,948,700	2,882,551	1,066,149
236	Concession 8 West - Middletown to Middletown	2023-2031	0.14	Signed Bike Route	6,000	1,500	-	4,500	1,000	-	3,500	2,555	945
237	Concession Street - Mountain Park Ave to Mountain Brow Boulevard	2023-2031	0.51	Bike Lane	71,000	3,900	-	67,100	58,000	-	9,100	6,643	2,457
238	Confederation Beach Park - Centennial Parkway to West of Gray	2023-2031	1.98	Signed Bike Route	79,000	4,500	-	74,500	64,000	-	10,500	7,665	2,835
239	Cormorant - Trinity to Shaver	2023-2031	2.46	Bike Lane	345,000	19,800	-	325,200	279,000	-	46,200	33,726	12,474
240	Culotta - Perrelli to Chudleigh	2023-2031	0.14	Signed Bike Route	6,000	300	-	5,700	5,000	-	700	511	189
241	Dicenzo Dr - Aquasanta Crescent to South Turn on Dicenzo Drive	2023-2031	0.36	Signed Bike Route	14,000	600	-	13,400	12,000	-	1,400	1,022	378
242	Dicenzo Dr - Upper Wellington to Trieste	2023-2031	0.20	Signed Bike Route	8,000	300	-	7,700	7,000	-	700	511	189
243	Dundas St E (Highway 5) - Highway 6 to Boundary	2023-2031	10.21	Bike Lane	1,429,000	81,600	-	1,347,400	1,157,000	-	190,400	138,992	51,408
244	Dundurn - Main to King	2023-2031	0.28	Bike Lane	39,000	2,100	-	36,900	32,000	-	4,900	3,577	1,323
245	Edgemont - Montclair to Central	2023-2031	0.18	Signed Bike Route	7,000	300	-	6,700	6,000	-	700	511	189
246	Eighth Road Link - Ridge to Boundary	2023-2031	5.51	Paved Shoulder	1,652,000	495,600	-	1,156,400	-	-	1,156,400	844,172	312,228
247	Eleventh - Mud to Green Mountain Road	2023-2031	1.11	Signed Bike Route	44,000	13,200	-	30,800	-	-	30,800	22,484	8,316
248	Emerson - Whitney to Main	2023-2031	0.65	Bike Lane	91,000	5,100	-	85,900	74,000	-	11,900	8,687	3,213
249	Empress - Upper James to East Sixth Street	2023-2031	0.71	Signed Bike Route	29,000	1,800	-	27,200	23,000	-	4,200	3,066	1,134
250	Eugene - Pottruff to Nugent	2023-2031	0.18	Signed Bike Route	7,000	300	-	6,700	6,000	-	700	511	189
251	Fallsview - Harvest Road to Sydenham	2023-2031	2.47	Signed Bike Route	99,000	29,700	-	69,300	-	-	69,300	50,589	18,711
252	Ferguson - Dock Service Road to Burlington	2023-2031	0.28	Signed Bike Route	11,000	600	-	10,400	9,000	-	1,400	1,022	378
253	Ferguson - Charlton to North of Young	2023-2031	0.26	Bike Lane	37,000	2,100	-	34,900	30,000	-	4,900	3,577	1,323
254	Field - Jerseyville Rd W to Governor's Rd	2023-2031	3.88	Paved Shoulder	1,163,000	348,900	-	814,100	-	-	814,100	594,293	219,807
255	Fifty - Ridge to Cokers	2023-2031	1.51	Paved Shoulder	452,000	115,200	-	336,800	68,000	-	268,800	196,224	72,576
256	Fifty - Coke to North Service Road	2023-2031	2.24	Bike Lane	314,000	11,400	111,000	191,600	165,000	-	26,600	19,418	7,182
257	Filman - Wilson St E to End	2023-2031	0.40	Signed Bike Route	16,000	4,800	-	11,200	-	-	11,200	8,176	3,024
258	First Road West - North End to Highbury Drive	2023-2031	0.10	Bike Lane	14,000	900	-	13,100	11,000	-	2,100	1,533	567
259	Flamborough Puslinch Tlin - Madaugh Road to Centre	2023-2031	1.81	Paved Shoulder	543,000	162,900	-	380,100	-	-	380,100	277,473	102,627
260	Fleming - North End to York	2023-2031	0.26	Signed Bike Route	10,000	3,000	-	7,000	-	-	7,000	5,110	1,890
261	Fletcher - Rymal to Pinehill	2023-2031	0.32	Paved Shoulder	97,000	5,700	-	91,300	78,000	-	13,300	9,709	3,591
262	Foreman - Boundary to Regional Road 97	2023-2031	3.08	Signed Bike Route	123,000	36,900	-	86,100	-	-	86,100	62,853	23,247
263	Franklin - Parkview to Longwood	2023-2031	0.20	Signed Bike Route	8,000	600	-	7,400	6,000	-	1,400	1,022	378
264	Frederick - Barton to Roxborough	2023-2031	0.62	Signed Bike Route	25,000	1,500	-	23,500	20,000	-	3,500	2,555	945

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Services Related to a Highway

Prj. No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Length (km)	Capital Improvement	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Benefit to Existing Development	Less:		Potential D.C. Recoverable Cost		
										Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%	
265	Freelton - Concession 11 E to South of Highway 6	2023-2031	0.38	Bike Lane	54,000	16,200	-	37,800	-	-	-	37,800	27,594	10,206
266	Fruitland - Highway 8 to North Service Road	2023-2031	2.42	Bike Lane	339,000	8,100	197,000	133,900	115,000	-	-	18,900	13,797	5,103
267	Galbraith - Lake Avenue to Galbraith Three-way Intersection	2023-2031	0.52	Signed Bike Route	21,000	1,200	-	19,800	17,000	-	-	2,800	2,044	756
268	Garth - Denlow to Fennell	2023-2031	0.14	Paved Multi-Use Recreational Trail	107,000	6,300	-	100,700	86,000	-	-	14,700	10,731	3,969
269	Garth St Extension - 20 Rd W to Dickenson Rd W	2023-2031	1.38	Bike Lane	193,000	18,900	33,000	141,100	130,000	-	-	11,100	8,103	2,997
270	Glancaster - Carluke to Airport	2023-2031	1.45	Bike Lane	203,000	51,900	-	151,100	30,000	-	-	121,100	88,403	32,697
271	Glenfern - Kent to Kent	2023-2031	0.04	Signed Bike Route	1,000	-	-	1,000	1,000	-	-	-	-	-
272	Glover - Watercrest to End	2023-2031	0.11	Bike Lane	15,000	900	-	14,100	12,000	-	-	2,100	1,533	567
273	Glow - Parkdale to East of Tate	2023-2031	0.63	Signed Bike Route	25,000	1,200	-	23,800	21,000	-	-	2,800	2,044	756
274	Golf Club - Woodburn to Westbrook	2023-2031	2.07	Signed Bike Route	83,000	24,900	-	58,100	-	-	-	58,100	42,413	15,687
275	Golf Links - Stone Church to Kitty Murray	2023-2031	1.30	Bike Lane	182,000	10,200	-	171,800	148,000	-	-	23,800	17,374	6,426
276	Gordon Drummond - Marston to Nordale	2023-2031	0.04	Signed Bike Route	2,000	300	-	1,700	1,000	-	-	700	511	189
277	Governors - Binkley to Lynden	2023-2031	10.00	Paved Shoulder	3,001,000	765,300	-	2,235,700	450,000	-	-	1,785,700	1,303,561	482,139
278	Graham Ave North - Central to Roxborough	2023-2031	0.78	Signed Bike Route	31,000	1,800	-	29,200	25,000	-	-	4,200	3,066	1,134
279	Greenford - Owen Pl to Cromwell	2023-2031	0.21	Signed Bike Route	8,000	300	-	7,700	7,000	-	-	700	511	189
280	Greenford - Cromwell to Kenora	2023-2031	0.36	Bike Lane	50,000	3,000	-	47,000	40,000	-	-	7,000	5,110	1,890
281	Guise - Leander to Catharine	2023-2031	0.54	Bike Lane	76,000	4,200	-	71,800	62,000	-	-	9,800	7,154	2,646
282	Gunby - Sadielou to Painter	2023-2031	0.50	Bike Lane	70,000	4,200	-	65,800	56,000	-	-	9,800	7,154	2,646
283	Hamilton - Nisbet to Dundas St E	2023-2031	1.21	Bike Lane	169,000	9,600	-	159,400	137,000	-	-	22,400	16,352	6,048
284	Harrison - Kirk to Binbrook Conservation Area Road	2023-2031	1.30	Paved Multi-Use Recreational Trail	975,000	248,700	-	726,300	146,000	-	-	580,300	423,619	156,681
285	Harvest - Sydenham to Brock	2023-2031	3.40	Paved Shoulder	1,020,000	260,100	-	759,900	153,000	-	-	606,900	443,037	163,863
286	Highbury Drive - Highland Road W to Whitedeer	2023-2031	1.04	Bike Lane	145,000	8,100	-	136,900	118,000	-	-	18,900	13,797	5,103
287	Highland Rd E - Upper Red Hill Valley Pkwy to Winterberry	2023-2031	0.94	Bike Lane	132,000	7,500	-	124,500	107,000	-	-	17,500	12,775	4,725
288	Highway 5 West - Dundas St E to Sydenham	2023-2031	3.02	Paved Shoulder	906,000	271,800	-	634,200	-	-	-	634,200	462,966	171,234
289	Highway 8 (Flam) - Boundary to Brock	2023-2031	22.30	Paved Shoulder	6,691,000	2,007,300	-	4,683,700	-	-	-	4,683,700	3,419,101	1,264,599
290	Highway 8 (Sc) - King St E to Dewitt	2023-2031	1.38	Bike Lane	193,000	10,800	-	182,200	157,000	-	-	25,200	18,396	6,804
291	Highway 8 (Sc) - Fifty to Boundary	2023-2031	0.81	Bike Lane	113,000	33,900	-	79,100	-	-	-	79,100	57,743	21,357
292	Holton - King to Delaware	2023-2031	0.57	Signed Bike Route	23,000	1,500	-	21,500	18,000	-	-	3,500	2,555	945
293	Holton - King to Wilson	2023-2031	0.18	Bike Lane	26,000	1,500	-	24,500	21,000	-	-	3,500	2,555	945
294	Homestead Dr Path - Upper James to 1200m East of Upper James	2023-2031	1.24	Bike Lane	173,000	9,900	-	163,100	140,000	-	-	23,100	16,863	6,237
295	Hughson - Cannon to Hunter	2023-2031	0.81	Bike Lane	114,000	6,600	-	107,400	92,000	-	-	15,400	11,242	4,158
296	Hunt - Christ the King Elementary School Road to Breadalbane	2023-2031	0.57	Signed Bike Route	23,000	1,500	-	21,500	18,000	-	-	3,500	2,555	945
297	Hunter - Locke to Queen	2023-2031	0.41	Signed Bike Route	16,000	900	-	15,100	13,000	-	-	2,100	1,533	567
298	Inverness - Tanner to East 8th	2023-2031	0.77	Bike Lane	108,000	6,300	-	101,700	87,000	-	-	14,700	10,731	3,969
299	Jackson St W - End to Locke St S	2023-2031	0.38	Signed Bike Route	15,000	900	-	14,100	12,000	-	-	2,100	1,533	567
300	Jerseyville Rd W - Boundary to East of Paddy Greens	2023-2031	18.45	Paved Shoulder	5,534,000	1,411,200	-	4,122,800	830,000	-	-	3,292,800	2,403,744	889,056
301	Jerseyville Rd W - West of Shaver to Wilson	2023-2031	3.49	Paved Shoulder	1,046,000	23,400	637,000	385,600	331,000	-	-	54,600	39,858	14,742
302	John - Guise to Burlington	2023-2031	0.29	Bike Lane	41,000	2,400	-	38,600	33,000	-	-	5,600	4,088	1,512
303	John - Charlton Ave E to St Joseph's	2023-2031	0.16	Bike Lane	22,000	1,200	-	20,800	18,000	-	-	2,800	2,044	756
304	Kay Drage Park Link - Hunt to End	2023-2031	0.55	Signed Bike Route	22,000	1,200	-	20,800	18,000	-	-	2,800	2,044	756
305	Kay Drage Park Link - Macklin to End	2023-2031	0.14	Signed Bike Route	6,000	300	-	5,700	5,000	-	-	700	511	189
306	King William - James St N to Catharine St N	2023-2031	0.34	Signed Bike Route	13,000	600	-	12,400	11,000	-	-	1,400	1,022	378
307	Kirk - Harrison to Highway 56	2023-2031	0.98	Paved Multi-Use Recreational Trail	731,000	186,300	-	544,700	110,000	-	-	434,700	317,331	117,369

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
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Prj. No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Length (km)	Capital Improvement	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Benefit to Existing Development	Less:		Potential D.C. Recoverable Cost		
										Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%	
	2023-2031													
308	Kirkwall - Regional Road 97 to South of Concession 8 W	2023-2031	2.51	Signed Bike Route	100,000	30,000	-	70,000	-	-	70,000	51,100	18,900	
309	Kirkwall - South of Concession 8 W to Woodhill Rd	2023-2031	5.78	Paved Shoulder	1,735,000	520,500	-	1,214,500	-	-	1,214,500	886,585	327,915	
310	Lafarge 2000 (Middletown Rd) - Concession 6 W to Highway 8	2023-2031	7.91	Signed Bike Route	317,000	81,000	-	236,000	47,000	-	189,000	137,970	51,030	
311	Lafarge 2000 (Middletown Rd/Binkley Rd) - Highway 8 to Mineral Springs Rd	2023-2031	3.57	Paved Shoulder	1,071,000	321,300	-	749,700	-	-	749,700	547,281	202,419	
312	Lamoreaux - Dundurn t N to Strathcona Ave N	2023-2031	0.23	Signed Bike Route	9,000	600	-	8,400	7,000	-	1,400	1,022	378	
313	Leland - Main to North of Ward	2023-2031	0.29	Signed Bike Route	12,000	600	-	11,400	10,000	-	1,400	1,022	378	
314	Lido - Riviera to Winona	2023-2031	0.39	Signed Bike Route	16,000	900	-	15,100	13,000	-	2,100	1,533	567	
315	Livingstone - Sydenham to Queen	2023-2031	0.11	Bike Lane	16,000	900	-	15,100	13,000	-	2,100	1,533	567	
316	Locke - York Blvd to Barton	2023-2031	0.26	Bike Lane	36,000	2,100	-	33,900	29,000	-	4,900	3,577	1,323	
317	Longwood - Main St W to Frid St	2023-2031	0.40	Bike Lane	56,000	3,300	-	52,700	45,000	-	7,700	5,621	2,079	
318	Lormont - First Rd W to Picardy	2023-2031	0.54	Bike Lane	76,000	4,500	-	71,500	61,000	-	10,500	7,665	2,835	
319	Macklin St S - King St W to Main St W	2023-2031	0.24	Signed Bike Route	10,000	600	-	9,400	8,000	-	1,400	1,022	378	
320	Maddaugh Road - Gore to Highway 6	2023-2031	0.95	Signed Bike Route	38,000	11,400	-	26,600	-	-	26,600	19,418	7,182	
321	Maddaugh Road - Highway 6 to Flamborough Puslinch Tlin	2023-2031	1.11	Paved Shoulder	334,000	100,200	-	233,800	-	-	233,800	170,674	63,126	
322	Maggie Johnson - Tanglewood to Highway 56	2023-2031	0.23	Bike Lane	32,000	1,800	-	30,200	26,000	-	4,200	3,066	1,134	
323	Main - Osler to South of Osler	2023-2031	1.52	Bike Lane	212,000	12,000	-	200,000	172,000	-	28,000	20,440	7,560	
324	Main - Osler to York	2023-2031	0.25	Bike Lane	34,000	1,800	-	32,200	28,000	-	4,200	3,066	1,134	
325	Main St W - Frid to Dundurn St S	2023-2031	0.27	Bike Lane	37,000	2,100	-	34,900	30,000	-	4,900	3,577	1,323	
326	Malton - Christine to Upper James	2023-2031	0.34	Signed Bike Route	14,000	900	-	13,100	11,000	-	2,100	1,533	567	
327	Maple/Mountain Ave Extension - Lake Ave S to End	2023-2031	0.40	Signed Bike Route	16,000	900	-	15,100	13,000	-	2,100	1,533	567	
328	Marion - Dromore to King St W	2023-2031	0.34	Signed Bike Route	14,000	900	-	13,100	11,000	-	2,100	1,533	567	
329	Market - Hatt to MacNab	2023-2031	0.09	Bike Lane	13,000	600	-	12,400	11,000	-	1,400	1,022	378	
330	Market - MacNab to Creighton	2023-2031	0.09	Signed Bike Route	4,000	300	-	3,700	3,000	-	700	511	189	
331	Mayfair - Creighton to Tally Ho	2023-2031	0.31	Signed Bike Route	12,000	600	-	11,400	10,000	-	1,400	1,022	378	
332	McNeilly/8th Road E - Highway 8 to Ridge Road	2023-2031	1.55	Signed Bike Route	62,000	18,600	-	43,400	-	-	43,400	31,682	11,718	
333	Middleton Rd - North of Regional Road 97 to Regional Road 97	2023-2031	0.44	Signed Bike Route	18,000	4,500	-	13,500	3,000	-	10,500	7,665	2,835	
334	Middleton Rd - North of Concession 8 W to Safari	2023-2031	2.32	Signed Bike Route	93,000	23,700	-	69,300	14,000	-	55,300	40,369	14,931	
335	Mill - Dundas St E to Boundary	2023-2031	2.80	Bike Lane	393,000	22,500	-	370,500	318,000	-	52,500	38,325	14,175	
336	Millgrove Sr - Highway 6 N to Highway 5 W	2023-2031	0.71	Paved Shoulder	214,000	54,600	-	159,400	32,000	-	127,400	93,002	34,398	
337	Mineral Springs - Binkley to Sulphur Springs	2023-2031	1.27	Paved Shoulder	382,000	97,500	-	284,500	57,000	-	227,500	166,075	61,425	
338	Mount Albion - Lawrence to South of Glen Castle	2023-2031	1.39	Bike Lane	194,000	11,100	-	182,900	157,000	-	25,900	18,907	6,993	
339	Mountain Brow - Concession Street to Rendell	2023-2031	0.27	Bike Lane	38,000	2,100	-	35,900	31,000	-	4,900	3,577	1,323	
340	Mountain Brow Blvd - Mohawk Rd E to Mud	2023-2031	2.14	Signed Bike Route	86,000	5,100	-	80,900	69,000	-	11,900	8,687	3,213	
341	Mud - Eleventh Road E to Boundary	2023-2031	0.89	Paved Shoulder	267,000	80,100	-	186,900	-	-	186,900	136,437	50,463	
342	Napier - Queen St N to Bay St N	2023-2031	0.55	Signed Bike Route	22,000	1,200	-	20,800	18,000	-	2,800	2,044	756	
343	Nisbet - Centre Road to Wimberly	2023-2031	0.97	Bike Lane	136,000	7,800	-	128,200	110,000	-	18,200	13,286	4,914	
344	Nordale - Gordon Drummond to	2023-2031	0.39	Signed Bike Route	15,000	900	-	14,100	12,000	-	2,100	1,533	567	
345	North Service Road Link (Millen) - North Service Road to Shoreview	2023-2031	0.19	Bike Lane	27,000	1,500	-	25,500	22,000	-	3,500	2,555	945	
346	Nugent - Kentley to Eugene	2023-2031	0.13	Signed Bike Route	5,000	300	-	4,700	4,000	-	700	511	189	
347	Old Mud - Paramount to Cedarville	2023-2031	0.39	Bike Lane	54,000	3,000	-	51,000	44,000	-	7,000	5,110	1,890	
348	Ottawa - Main to Montclair	2023-2031	0.49	Bike Lane	68,000	3,900	-	64,100	55,000	-	9,100	6,643	2,457	
349	Owen Pl - King St E to Greenford	2023-2031	0.55	Signed Bike Route	22,000	1,200	-	20,800	18,000	-	2,800	2,044	756	

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
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										Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%
350	Parkdale Ave - Nikola Tesla Blvd to Glow	2023-2031	0.18	Paved Multi-Use Recreational Trail	138,000	7,800	-	130,200	112,000	-	18,200	13,286	4,914
351	Pearl - Hunter to Tuckett	2023-2031	0.23	Signed Bike Route	9,000	300	-	8,700	8,000	-	700	511	189
352	Peel St S - King St W to Hatt	2023-2031	0.14	Signed Bike Route	6,000	300	-	5,700	5,000	-	700	511	189
353	Perrelli - Culotta to Dundas St E	2023-2031	0.11	Signed Bike Route	4,000	300	-	3,700	3,000	-	700	511	189
354	Picardy - Highland Rd W to Lormont	2023-2031	0.50	Bike Lane	71,000	4,200	-	66,800	57,000	-	9,800	7,154	2,646
355	Picton - Bay St n to Hughson St N	2023-2031	0.39	Signed Bike Route	16,000	900	-	15,100	13,000	-	2,100	1,533	567
356	Picton - John St N to Ferguson Ave N	2023-2031	0.42	Signed Bike Route	17,000	900	-	16,100	14,000	-	2,100	1,533	567
357	Queen - Alma to Livingstone	2023-2031	0.16	Bike Lane	22,000	1,200	-	20,800	18,000	-	2,800	2,044	756
358	Queen St S - Hunter to Canada	2023-2031	0.08	Signed Bike Route	3,000	-	-	3,000	3,000	-	-	-	-
359	Queensdale - Skyland to Upper Wellington	2023-2031	0.40	Signed Bike Route	16,000	900	-	15,100	13,000	-	2,100	1,533	567
360	Raymond - Stonehenge to Garner	2023-2031	1.31	Bike Lane	184,000	10,500	-	173,500	149,000	-	24,500	17,885	6,615
361	Redmond - Rushdale to Stone Church Rd E	2023-2031	0.20	Signed Bike Route	8,000	300	-	7,700	7,000	-	700	511	189
362	Regional Road 20 (Highway 20) - Tapleystown to Woodburn	2023-2031	0.28	Signed Bike Route	11,000	2,700	-	8,300	2,000	-	6,300	4,599	1,701
363	Regional Road 97 - Kirkwall to Foreman	2023-2031	0.16	Paved Shoulder	47,000	14,100	-	32,900	-	-	32,900	24,017	8,883
364	Ridge - Dewitt to Boundary	2023-2031	7.05	Paved Shoulder	2,116,000	539,700	-	1,576,300	317,000	-	1,259,300	919,289	340,011
365	Riley - West of Chudleigh to Braehaid	2023-2031	0.21	Signed Bike Route	8,000	300	-	7,700	7,000	-	700	511	189
366	Riviera Ridge - Bellavista to Lido	2023-2031	0.12	Undefined	58,000	3,300	-	54,700	47,000	-	7,700	5,621	2,079
367	Rock Chapel - Highway 5 W to Service Road East of Sydenham	2023-2031	1.91	Signed Bike Route	76,000	19,500	-	56,500	11,000	-	45,500	33,215	12,285
368	Roxborough - Frederick to Graham Ave N	2023-2031	0.05	Signed Bike Route	2,000	-	-	2,000	2,000	-	-	-	-
369	Rushdale - Southpark to Redmond	2023-2031	0.08	Signed Bike Route	3,000	-	-	3,000	3,000	-	-	-	-
370	Rymal - Upper Paradise to Spadara	2023-2031	0.44	Bike Lane	62,000	3,600	-	58,400	50,000	-	8,400	6,132	2,268
371	Rymal - Hazelton to West Fifth St	2023-2031	0.77	Bike Lane	108,000	6,000	-	102,000	88,000	-	14,000	10,220	3,780
372	Sadielou - Hollybush to End	2023-2031	0.42	Bike Lane	59,000	3,300	-	55,700	48,000	-	7,700	5,621	2,079
373	Santorium - Scenic to Redfern	2023-2031	0.11	Bike Lane	15,000	900	-	14,100	12,000	-	2,100	1,533	567
374	Scenic - Angela to West of Chateau	2023-2031	1.84	Bike Lane	257,000	14,700	-	242,300	208,000	-	34,300	25,039	9,261
375	Scenic - Colquhoun to Garth (via Scenic and Denlow)	2023-2031	0.44	Bike Lane	61,000	3,300	-	57,700	50,000	-	7,700	5,621	2,079
376	Second St N - King St W to North of Brandow	2023-2031	0.14	Signed Bike Route	6,000	300	-	5,700	5,000	-	700	511	189
377	Shaver - Wilson to Jerseyville Rd W	2023-2031	1.47	Bike Lane	205,000	11,700	-	193,300	166,000	-	27,300	19,929	7,371
378	Shaver - Garner to Carluke	2023-2031	6.11	Paved Shoulder	1,833,000	477,300	222,000	1,133,700	242,000	-	891,700	650,941	240,759
379	Sheppard - Sovereign to Fleming	2023-2031	0.10	Signed Bike Route	4,000	1,200	-	2,800	-	-	2,800	2,044	756
380	Sherman - Delaware to CP Rail Line	2023-2031	0.33	Signed Bike Route	13,000	600	-	12,400	11,000	-	1,400	1,022	378
381	Skinner - Dundas St E to East of McKnight Ave E	2023-2031	1.39	Bike Lane	195,000	11,100	-	183,900	158,000	-	25,900	18,907	6,993
382	South Bend - W Second St to Terrace	2023-2031	0.42	Signed Bike Route	17,000	1,200	-	15,800	13,000	-	2,800	2,044	756
383	South St W - Oglivie to Osler	2023-2031	0.70	Signed Bike Route	28,000	1,500	-	26,500	23,000	-	3,500	2,555	945
384	Southcote - Garner to Airport	2023-2031	2.80	Bike Lane	392,000	29,700	30,000	332,300	293,000	-	39,300	28,689	10,611
385	Southpark - Rushdale Park Trail to Rushdale Dr	2023-2031	0.25	Signed Bike Route	10,000	600	-	9,400	8,000	-	1,400	1,022	378
386	St Joseph's - John St S to End	2023-2031	0.29	Signed Bike Route	12,000	900	-	11,100	9,000	-	2,100	1,533	567
387	Sulphur Springs - Lover's to Mineral Springs Rd	2023-2031	1.47	Paved Shoulder	440,000	112,200	-	327,800	66,000	-	261,800	191,114	70,686
388	Sulphur Springs - Lover's to Wilson St E	2023-2031	1.05	Signed Bike Route	42,000	2,400	-	39,600	34,000	-	5,600	4,088	1,512
389	Sunnyridge - Wilson St W to Jerseyville Rd W	2023-2031	2.83	Paved Shoulder	850,000	255,000	-	595,000	-	-	595,000	434,350	160,650
390	Sydenham/Queen/Livingstone/Alma - Hatt to Romar Dr	2023-2031	1.86	Bike Lane	261,000	66,600	-	194,400	39,000	-	155,400	113,442	41,958
391	Talbot - Melvin to Barton St E	2023-2031	0.19	Signed Bike Route	8,000	600	-	7,400	6,000	-	1,400	1,022	378
392	Tally Ho - Mayfair to Overfield	2023-2031	0.22	Signed Bike Route	9,000	600	-	8,400	7,000	-	1,400	1,022	378
393	Tanner - Iverness to End	2023-2031	0.05	Signed Bike Route	2,000	-	-	2,000	2,000	-	-	-	-
394	Tapleystown Rd - Highway 20 E to Highland Rd E	2023-2031	0.83	Signed Bike Route	33,000	8,400	-	24,600	5,000	-	19,600	14,308	5,292

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Services Related to a Highway

Prj .No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Length (km)	Capital Improvement	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
									Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New	Total	Residential Share 73%	Non-Residential Share 27%
395	Terryberry - Private Rd to Rymal Rd	2023-2031	0.20	Bike Lane	28,000	1,500	-	26,500	23,000	-	3,500	2,555	945
396	Tradewind - Wilson St W to Cormorant	2023-2031	0.70	Bike Lane	99,000	5,700	-	93,300	80,000	-	13,300	9,709	3,591
397	Upper Ottawa - Killbride to Mountain Brow Boulevard	2023-2031	5.22	Bike Lane	731,000	41,700	-	689,300	592,000	-	97,300	71,029	26,271
398	Upper Sherman - Macassa to Limeridge Rd E	2023-2031	1.65	Bike Lane	232,000	13,200	-	218,800	188,000	-	30,800	22,484	8,316
399	Upper Wellington - S Bend Rd E to Stone Church Rd E	2023-2031	2.40	Bike Lane	336,000	10,800	145,000	180,200	155,000	-	25,200	18,396	6,804
400	W 18th St - Bendamere to End	2023-2031	0.17	Signed Bike Route	7,000	600	-	6,400	5,000	-	1,400	1,022	378
401	W 5th St - Brantdale to Governors Blvd	2023-2031	0.62	Multi-Use Trail	466,000	26,700	-	439,300	377,000	-	62,300	45,479	16,821
402	W 5th St - Governors Blvd to Marlowe	2023-2031	1.13	Bike Lane	158,000	9,000	-	149,000	128,000	-	21,000	15,330	5,670
403	Westbrook - End to Golf Club Rd	2023-2031	0.86	Signed Bike Route	34,000	10,200	-	23,800	-	-	23,800	17,374	6,426
404	Whitedeer - Highbury to Rymal Rd E	2023-2031	0.35	Bike Lane	49,000	3,000	-	46,000	39,000	-	7,000	5,110	1,890
405	Wilson in Ancaster - Fiddler's Green to Boundary	2023-2031	10.77	Cycle Track	5,385,000	1,615,500	-	3,769,500	-	-	3,769,500	2,751,735	1,017,765
406	Wimberly - Parkside to Nisbet	2023-2031	0.33	Bike Lane	46,000	2,700	-	43,300	37,000	-	6,300	4,599	1,701
407	Windwood Dr - Bradley to Southbrook Dr	2023-2031	0.70	Bike Lane	98,000	5,700	-	92,300	79,000	-	13,300	9,709	3,591
408	Woodbine Crescent - Jones to Dundurn St N	2023-2031	0.22	Signed Bike Route	9,000	600	-	8,400	7,000	-	1,400	1,022	378
409	Woodburn - Binbrook Rd E to Highway 20 E	2023-2031	7.56	Signed Bike Route	302,000	77,100	-	224,900	45,000	-	179,900	131,327	48,573
410	Woodhill Rd - Governor's to 800m south of Highway 8	2023-2031	7.05	Signed Bike Route	282,000	84,600	-	197,400	-	-	197,400	144,102	53,298
411	Woodhill Rd - Highway 8 to 800m south of Highway 8	2023-2031	1.04	Paved Shoulder	313,000	93,900	-	219,100	-	-	219,100	159,943	59,157
412	Woodward Ave - Beach Blvd to 100m south of Beach Blvd	2023-2031	0.10	Bike Lane	14,000	900	-	13,100	11,000	-	2,100	1,533	567
413	York - Olympic to Baldwin	2023-2031	2.33	Bike Lane	326,000	18,600	-	307,400	264,000	-	43,400	31,682	11,718
414	York Road Valley Community Centre Park Hydro Corridor Trail - York to Highway 6	2023-2031	4.15	Paved Multi-Use Recreational Trail	3,109,000	792,900	-	2,316,100	466,000	-	1,850,100	1,350,573	499,527
415	Highway 6 - Concession 10 W to Freulton	2023-2031	0.39	Paved Multi-Use Recreational Trail	293,000	87,900	-	205,100	-	-	205,100	149,723	55,377
416	Highway 6 N - Carlisle to Edgewood Road	2023-2031	0.55	Paved Multi-Use Recreational Trail	414,000	124,200	-	289,800	-	-	289,800	211,554	78,246
417	White Church Rd W Loop - White Church Rd W East of Carluke to White Church Road W West of Highway 6	2023-2031	2.24	Paved Multi-Use Recreational Trail	1,684,000	505,200	-	1,178,800	-	-	1,178,800	860,524	318,276
418	Carlisle Road - Highway 6 to Milborough Townline	2023-2031	5.85	Paved Shoulder	1,756,000	447,900	-	1,308,100	263,000	-	1,045,100	762,923	282,177
419	Concession 5 West - Highway 6N to Moffatt Road	2023-2031	3.01	Paved Shoulder	904,000	230,400	-	673,600	136,000	-	537,600	392,448	145,152
420	Mosaic Dr - Parkside Dr to Highway 6	2023-2031	1.90	Multi-Use Trail	1,425,000	81,300	-	1,343,700	1,154,000	-	189,700	138,481	51,219
	Existing Debt												
421	Debt on Expressway - Principal (discounted) ¹	2023-2025			4,884,212	-		4,884,212	-		4,884,212	3,580,128	1,304,085
422	Debt on Expressway - Interest (discounted) ¹	2023-2025			254,771	-		254,771	-		254,771	186,747	68,024
423	Debt on Various Growth Related Road Projects - Principal (discounted) ²	2023-2033			14,204,269	-		14,204,269	-		14,204,269	1,945,985	12,258,285
424	Debt on Various Growth Related Road Projects - Interest (discounted) ²	2023-2033			1,141,489	-		1,141,489	-		1,141,489	156,384	985,105
	Other												
425	Provisional Post Period Benefit Deduction					170,000,000		(170,000,000)	-		(170,000,000)	(124,100,000)	(45,900,000)
426	Future Financing Costs - Growth-Related Interest (discounted)	2023-2046			22,388,624	-		22,388,624	-		22,388,624	16,343,696	6,044,929
427	Reserve Fund Adjustment	Reserve			-	-		-	46,849,383		(46,849,383)	(34,200,049)	(12,649,333)
	Total				1,390,305,366	478,553,725	7,722,000	904,029,641	286,602,133	-	617,427,508	441,637,463	175,790,045

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Transit Services

Prj.No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to	Total	Residential Share 73%	Non- Residential Share 27%
	2023-2032										
1	New Peak Hour 30' Bus (2)	2033-2035	1,329,500	1,329,500		-	-		-	-	-
2	New Peak Hour 40' Bus (48)	2023-2032	45,852,100	159,200		45,692,900	38,928,400		6,764,500	4,938,085	1,826,415
3	New Peak Hour 40' Bus (16)	2033-2035	15,284,000	15,284,000		-	-		-	-	-
4	New Peak Hour 60' Bus (8)	2023-2032	9,863,600	34,300		9,829,300	8,374,200		1,455,100	1,062,223	392,877
5	New Peak Hour 60' Bus (2)	2033-2035	2,465,900	2,465,900		-	-		-	-	-
6	New Spare 40' Bus (12)	2023-2032	11,463,000	39,800		11,423,200	9,732,100		1,691,100	1,234,503	456,597
7	New Spare 40' Bus (3)	2033-2035	2,865,800	2,865,800		-	-		-	-	-
8	New 40' to 60' Upgrades (37)	2023-2032	10,274,900	35,700		10,239,200	8,723,400		1,515,800	1,106,534	409,266
9	Facility: Service Truck	2023-2032	130,000	-		130,000	100,900		29,100	21,243	7,857
10	Facility: Stock Room Vehicle	2023-2032	65,000	-		65,000	50,500		14,500	10,585	3,915
11	Facility: Garage Equipment Repair Walk Behind Forklift	2023-2032	184,200	23,000		161,200	143,000		18,200	13,286	4,914
12	Facility: Garage Forklift	2023-2032	106,700	13,400		93,300	82,800		10,500	7,665	2,835
13	Facility: Garage Tow Mobile	2023-2032	62,100	7,800		54,300	48,200		6,100	4,453	1,647
14	Facility: Garage Equipment Repair Express Van Vehicles	2023-2032	173,000	-		173,000	134,300		38,700	28,251	10,449
15	Accessible Supervisory Vehicles (Specialized Transit)	2023-2032	612,000	-		612,000	462,100		149,900	109,427	40,473
16	Transit & Maintenance Storage Facility	2023-2026	396,000,000	26,625,000		369,375,000	165,349,200	183,000,000	21,025,800	15,348,834	5,676,966
17	Transit & Maintenance Storage Facility Growth Related Debt Interest (Discounted)	2027-2042	6,072,416	3,392,980		2,679,436	-		2,679,436	1,955,988	723,448
18	Reserve Fund Adjustment	Reserve	21,703,366	-		21,703,366	-		21,703,366	15,843,457	5,859,909
	Total		524,507,582	52,276,380	-	472,231,202	232,129,100	183,000,000	57,102,102	41,684,534	15,417,568

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton

Service: Stormwater Works (Excluding Facilities) - Separate Sewer System Area

Prj.No	Increased Service Needs Attributable to Anticipated Development 2023-Separate Sewer System Area 2031	Timing (year)	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share	Non- Residential Share
										73%	27%
1	Open Watercourses - Channel System Improvements - Residential (Category A)	2023-2031	27,831,000	6,604,000		21,227,000	-		21,227,000	15,495,710	5,731,290
2	Open Watercourses - Channel System Improvements - Non-Residential (Category A)	2023-2031	31,069,000	-		31,069,000	4,268,200		26,800,800	19,564,584	7,236,216
3	Off Site Erosion Works (Category B)	2023-2031	36,516,000	-		36,516,000	17,484,000		19,032,000	13,893,360	5,138,640
4	Oversizing of trunk sewers and culverts (Category D)	2023-2031	15,856,800	-		15,856,800	-		15,856,800	11,575,464	4,281,336
5	Culverts and Bridges not previously identified (Category E)	2023-2031	11,750,600	-		11,750,600	2,085,700		9,664,900	7,055,377	2,609,523
7	Existing Debt on Growth Related Projects - Principal (Discounted)	2023-2033	1,417,604	-		1,417,604	-		1,417,604	1,034,851	382,753
8	Existing Debt on Growth Related Projects - Interest (Discounted)	2023-2033	417,106	-		417,106	-		417,106	304,488	112,619
9	Outstanding Debt to Ontario Land Corporation	2023-2031	1,676,719	-		1,676,719	-		1,676,719	1,224,005	452,714
10	Future Financing Costs (Discounted)	2024-2044	19,113,145	-		19,113,145	-		19,113,145	13,952,596	5,160,549
11	Reserve Fund Adjustment	Reserve	-	-		-	876,973		(876,973)	(640,190)	(236,783)
	Total		145,647,975	6,604,000	-	139,043,975	24,714,873	-	114,329,102	83,460,244	30,868,858

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Wastewater Facilities

Prj.No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 74%	Non- Residential Share 26%
	2023-Urban 2031										
1	Wastewater Pumping Station	2023-2031	93,179,000	1,461,000		91,718,000	25,175,700	62,159,000	4,383,300	3,243,642	1,139,658
2a	Primary Clarifier - Primary Treatment (Phase 1) - Engineering Included	2023-2031	16,256,000	521,000		15,735,000	8,977,000	5,195,000	1,563,000	1,156,620	406,380
2b	Primary Clarifier - Primary Treatment (Phase 2 - Tanks) - Engineering Included	2023-2031	52,247,000	820,000		51,427,000	14,134,700	34,831,000	2,461,300	1,821,362	639,938
2c	Primary Clarifier - Other Costs (includes New/Expanded Laboratory/Admin Building)	2023-2031	11,858,000	1,569,000		10,289,000	5,582,700	-	4,706,300	3,482,662	1,223,638
3	Tertiary Upgrades - North and South Secondary Treatment Plant Upgrades	2023-2031	-	-		-	-	-	-	-	-
4a	Tertiary Upgrades - New Secondary/Tertiary Treatment Plant (Phase 1)	2023-2031	159,170,000	2,257,000		156,913,000	85,410,300	64,732,000	6,770,700	5,010,318	1,760,382
4b-1	Tertiary Upgrades - Tertiary Treatment Plant & 3rd Plant (Phase 2)	2023-2031	230,877,000	57,719,000		173,158,000	-	-	173,158,000	128,136,920	45,021,080
4b-2	Tertiary Upgrades - Primary Effluent PS (Phase 2)	2023-2031	13,742,000	3,436,000		10,306,000	-	-	10,306,000	7,626,440	2,679,560
4b-3	Tertiary Upgrades - WUP Office Relocation (Phase 2)	2023-2031	5,193,000	1,298,000		3,895,000	-	-	3,895,000	2,882,300	1,012,700
4b-4	Tertiary Upgrades - Gas Sphere Relocation / Biogas (Phase 2)	2023-2031	3,939,000	985,000		2,954,000	-	-	2,954,000	2,185,960	768,040
5a	Chlorine Contact Tank and Outfall - Railway Re-Alignment	2023-2031	11,620,000	2,905,000		8,715,000	-	-	8,715,000	6,449,100	2,265,900
5b	Chlorine Contact Tank and Outfall - Secondary/Tertiary Chlorine contact Tank, Outfall and Red Hill Creek Upgrades	2023-2031	51,110,000	1,262,000		49,848,000	20,335,400	25,728,000	3,784,600	2,800,604	983,996
6	Biogas Digester - New Waste Activated Sludge Thickening Facility (forms part of the Digester Upgrades)	2023-2031	8,981,000	-		8,981,000	-	-	8,981,000	6,645,940	2,335,060
8a	Clean Harbour Project - Actual Costs of Engineering (Projects 1, 4a, 4b, 5, 13) Phase 1	2023-2031	47,542,000	1,751,000		45,791,000	40,539,100	-	5,251,900	3,886,406	1,365,494
8b	Clean Harbour Project - O/S Commitments of Engineering (Projects 1, 4a, 4b, 5, 13) Phase 1	2023-2031	6,789,000	250,000		6,539,000	5,789,000	-	750,000	555,000	195,000

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Wastewater Facilities

Prj.No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 74%	Non- Residential Share 26%
	2023-Urban 2031										
8c	Plant Expansion - Future Engineering (Projects 4b, 5a, 6, 11b, 13b) Phase 2	2023-2031	62,478,000	11,463,000		51,015,000	16,626,800	-	34,388,200	25,447,268	8,940,932
8d	Plant Expansion - Engineering - Other Costs (includes Modular Office Building)	2023-2031	10,701,000	394,000		10,307,000	9,124,700	-	1,182,300	874,902	307,398
11a	Biogas Digester - Biogas Upgrades	2023-2031	45,006,000	806,000		44,200,000	21,783,000	20,000,000	2,417,000	1,788,580	628,420
11b	Biogas Digester - Digesters Upgrades	2023-2031	49,417,000	6,177,000		43,240,000	24,708,500	-	18,531,500	13,713,310	4,818,190
12	Biosolids Management Facility - Biosolids Thermal Reduction Disposal Facility	2023-2031	99,440,000	4,010,000		95,430,000	69,099,100	14,300,000	12,030,900	8,902,866	3,128,034
13a	Electrical System Upgrades - New Electrical and power systems - Phase 1	2023-2031	61,448,000	1,001,000		60,447,000	16,846,100	40,597,000	3,003,900	2,222,886	781,014
13b	Electrical System Upgrades - New Electrical and power systems - Phase 2	2023-2031	5,295,000	1,324,000		3,971,000	-	-	3,971,000	2,938,540	1,032,460
14	Collection System Upgrades	2023-2031	10,416,000	-		10,416,000	3,632,000	6,784,000	-	-	-
15	Reserve Fund Adjustment	Reserve	-	-		-	134,565,699		(134,565,699)	(99,578,617)	(34,987,082)
	Total		1,056,704,000	101,409,000	-	955,295,000	502,329,799	274,326,000	178,639,201	132,193,009	46,446,192

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Wastewater - Sewers

Prj.No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 74%	Non-Residential Share 26%
	2023-Urban 2031										
1	Waterdown Sanitary Sewage System	2023-2027	485,000	-		485,000	-	359,000	126,000	93,240	32,760
2	Ancaster Sanitary Sewage System	2023-2027	1,351,000	-		1,351,000	-	-	1,351,000	999,740	351,260
3	AEGD/Mt. Hope Sanitary Sewage System	2023-2027	25,070,000	-		25,070,000	-	-	25,070,000	18,551,800	6,518,200
4	AEGD/Mt. Hope Sanitary Sewage System	2028-2031	23,746,000	-		23,746,000	-	7,598,000	16,148,000	11,949,520	4,198,480
5	Binbrook Sanitary Sewage System	2023-2027	2,217,000	-		2,217,000	-	898,000	1,319,000	976,060	342,940
6	Hamilton Mountain Sanitary Sewage System	2023-2027	119,848,000	11,680,000		108,168,000	-	771,000	107,397,000	79,473,780	27,923,220
7	Hamilton Mountain Sanitary Sewage System	2028-2031	104,000	-		104,000	-	-	104,000	76,960	27,040
8	Stoney Creek Lower Sanitary Sewage System	2023-2027	86,313,000	8,000,000		78,313,000	235,700	532,000	77,545,300	57,383,522	20,161,778
9	City Wide Sanitary System	2023-2027	45,047,000	-		45,047,000	13,177,000	-	31,870,000	23,583,800	8,286,200
10	City Wide Sanitary System	2028-2031	31,581,000	-		31,581,000	10,455,000	-	21,126,000	15,633,240	5,492,760
11	Existing Debt Principal	2023	1,283,545	-		1,283,545	-	-	1,283,545	949,823	333,722
12	Existing Debt Interest (Discounted)	2023	118,416	-		118,416	-	-	118,416	87,628	30,788
13	Financing (Linear) (Interest Discounted)	2023-2051	39,448,636	-		39,448,636	-	-	39,448,636	29,191,991	10,256,645
14	Provisional Post Period Benefit Deduction		-	14,000,000		(14,000,000)	-	-	(14,000,000)	(10,360,000)	(3,640,000)
15	Reserve Fund Adjustment	Reserve	-	-		-	36,150,238	-	(36,150,238)	(26,751,176)	(9,399,062)
	Total		376,612,598	33,680,000	-	342,932,598	60,017,938	10,158,000	272,756,660	201,839,928	70,916,732

Infrastructure Costs Included in the Development Charges Calculation

City of Hamilton
Service: Water Services

Prj.No	Increased Service Needs Attributable to Anticipated Development	Timing (year)	Gross Capital Cost Estimate (2023\$)	Post Period Benefit	Other Deductions	Net Capital Cost	Less:		Potential D.C. Recoverable Cost		
							Benefit to Existing Development	Grants, Subsidies and Other Contributions Attributable to New Development	Total	Residential Share 74%	Non-Residential Share 26%
	2023-Urban 2031										
1	Waterdown Water Distribution System	2023-2027	43,658,000	2,972,000		40,686,000	8,710,000	592,000	31,384,000	23,224,160	8,159,840
2	Ancaster Water Distribution System	2023-2027	43,983,000	2,027,000		41,956,000	11,158,000	-	30,798,000	22,790,520	8,007,480
3	AEGD/Mt. Hope Water Distribution System	2023-2027	551,000			551,000	-	-	551,000	407,740	143,260
4	AEGD/Mt. Hope Water Distribution System	2023-2027	25,656,000	-		25,656,000	-	5,501,000	20,155,000	14,914,700	5,240,300
5	Binbrook Water Distribution System	2023-2027	21,400,000	-		21,400,000	3,480,000	718,000	17,202,000	12,729,480	4,472,520
6	Hamilton Mountain Water Distribution System	2023-2027	69,505,000	17,568,000		51,937,000	-	1,698,000	50,239,000	37,176,860	13,062,140
7	Hamilton Mountain Water Distribution System	2028-2031	3,806,000	-		3,806,000	-	312,000	3,494,000	2,585,560	908,440
8	Stoney Creek Upper Water Distribution System	2023-2027	38,379,000	2,909,000		35,470,000	7,273,000	723,000	27,474,000	20,330,760	7,143,240
9	Stoney Creek Upper Water Distribution System	2028-2031	54,250,000	13,562,500		40,687,500	-	-	40,687,500	30,108,750	10,578,750
10	Stoney Creek Lower Water Distribution System	2023-2027	2,041,000	-		2,041,000	-	-	2,041,000	1,510,340	530,660
11	Stoney Creek Lower Water Distribution System	2028-2031	12,760,000	-		12,760,000	-	-	12,760,000	9,442,400	3,317,600
12	City Wide Water Distribution System	2023-2027	39,954,000	-		39,954,000	10,870,950	-	29,083,050	21,521,457	7,561,593
13	City Wide Water Distribution System	2028-2031	26,893,500	-		26,893,500	10,454,300	-	16,439,200	12,165,008	4,274,192
14	Existing Debt Principal (Discounted)	2023-2033	276,961	-		276,961	-	-	276,961	204,951	72,010
15	Existing Debt Interest (Discounted)	2023-2033	27,377	-		27,377	-	-	27,377	20,259	7,118
16	Growth Related Financing Costs (Discounted)	2024-2051	12,691,853	-		12,691,853	-	-	12,691,853	9,391,971	3,299,882
17	Provisional Post Period Benefit Deduction		-	34,000,000		(34,000,000)	-	-	(34,000,000)	(25,160,000)	(8,840,000)
18	Reserve Fund Adjustment	Reserve	-	-		-	67,062,464		(67,062,464)	(49,626,223)	(17,436,241)
	Total		395,832,691	73,038,500	-	322,794,191	119,008,714	9,544,000	194,241,477	143,738,693	50,502,784