

Appendix E – Cycling Network Outcomes for Various Implementation Plan Scenarios

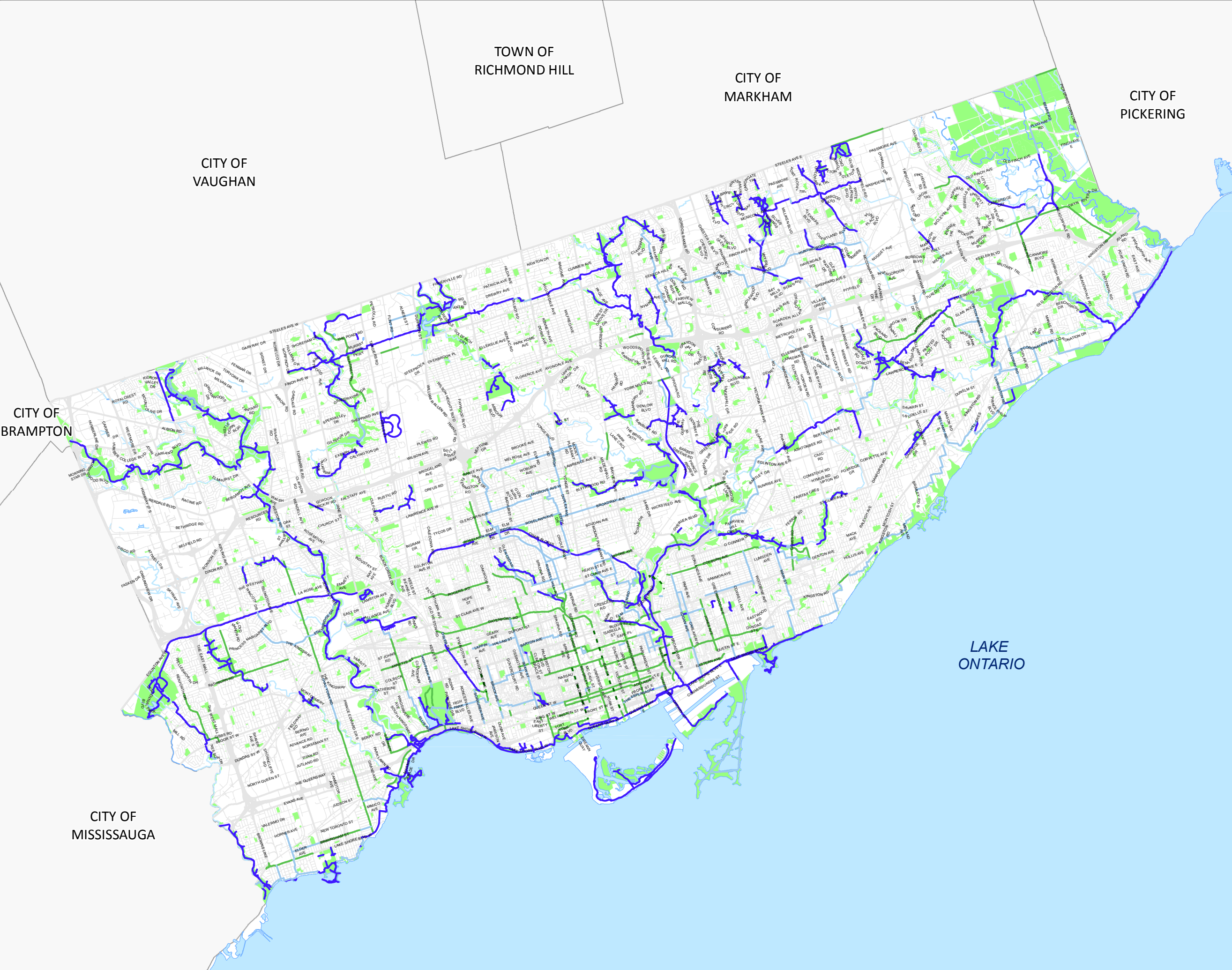
City of Toronto Cycling Network Plan Existing Network

Legend

- Cycling Network and Trails Plan
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - Major Corridor Studies

- Existing Cycling Network
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes

- Rail Lines
- Freeways
- Major Roads
- Arterial Road Network
- Green Spaces



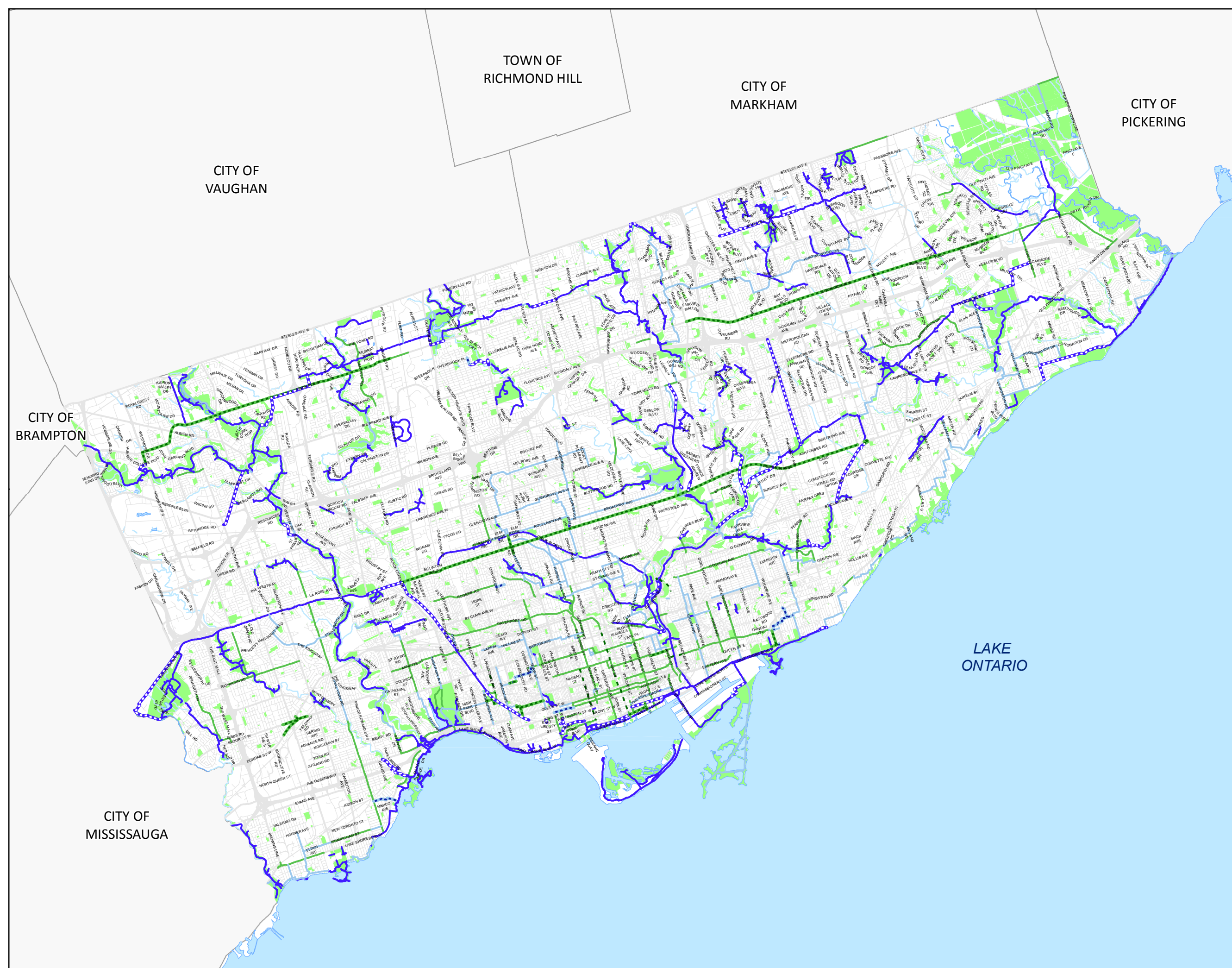
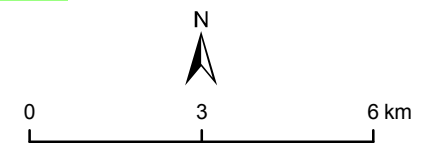
City of Toronto Cycling Network Plan Existing & Approved Network

Legend

- Cycling Network and Trails Plan
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CITY OF BRAMPTON

CITY OF VAUGHAN

TOWN OF RICHMOND HILL

CITY OF MARKHAM

CITY OF PICKERING

CITY OF MISSISSAUGA

LAKE ONTARIO

Appendix E - City of Toronto Ten Year Cycling Network Plan Summary: Five Annual Funding Scenarios to Connect, Grow and Renew the Cycling Network

Scenario 1: \$8M /Year Spending												
YEAR		APPROVED TRAILS			ON-STREET CYCLING NETWORK 10 YEAR PLAN						BIKE PARKING	TOTAL*
					CONNECT - GROW PROJECTS			RENEW PROJECTS	Subtotal**			
		New*	Upgrades**	Subtotal*	MCIC Related Projects	Major Corridor Studies	Other On-Street Cycling Network Projects					
2017	2	\$3.2 M	\$0.4 M	\$3.6 M	\$1.9 M	\$0.0 M	1.5 M	\$0.0 M	\$3.4 M	\$1 M	\$8.0 M	
2018	3	\$3.2 M	\$0.4 M	\$3.6 M	\$3.3 M	\$0.0 M	-0.1 M	\$0.1 M	\$3.3 M	\$1 M	\$8.0 M	
2019	4	\$3.2 M	\$0.4 M	\$3.6 M	\$2.0 M	\$0.0 M	1.2 M	\$0.2 M	\$3.2 M	\$1 M	\$8.0 M	
2020	5	\$3.2 M	\$0.4 M	\$3.6 M	\$1.6 M	\$0.5 M	1.2 M	\$0.1 M	\$3.3 M	\$1 M	\$8.0 M	
2021	6	\$3.2 M	\$0.4 M	\$3.6 M	\$0.1 M	\$2.2 M	1.0 M	\$0.1 M	\$3.3 M	\$1 M	\$8.0 M	
2022	7	\$3.0 M	\$0.6 M	\$3.6 M	\$0.0 M	\$0.4 M	2.7 M	\$0.3 M	\$3.1 M	\$1 M	\$8.0 M	
2023	8	\$3.0 M	\$0.6 M	\$3.6 M	\$0.0 M	\$1.3 M	1.6 M	\$0.5 M	\$2.9 M	\$1 M	\$8.0 M	
2024	9	\$3.0 M	\$0.6 M	\$3.6 M	\$0.0 M	\$1.1 M	1.3 M	\$1.0 M	\$2.4 M	\$1 M	\$8.0 M	
2025	10	\$3.0 M	\$0.6 M	\$3.6 M	\$0.0 M	\$1.1 M	1.9 M	\$0.4 M	\$3.0 M	\$1 M	\$8.0 M	
TOTAL**		\$28.0 M	\$4.4 M	\$32.4 M	\$8.9 M	\$6.6 M	12.3 M	\$2.8 M	\$27.8 M	\$9 M	\$72.0 M	

Scenario 1: Network Growth								
CYCLING NETWORK GROWTH (KM)							RESOURCES (Included in Network Budget Scenario)	NEW FTE
% Target of On-Street Network Installed	MCIC Co-ordinated projects (km)	Major Corridor Studies (km)	CNP Trails (km)	Cycle Tracks and Bike Lanes (km)	Quiet Street Routes (km)	Installed Annual Subtotal (km)	Study Costs + Eng&CA	
3%							\$951,000	-
7%							\$781,000	-
10%							\$614,000	-
13%	31.0	5	10.5	121.7	70.5	202.7	\$1,146,000	-
17%							\$795,000	-
20%							\$611,000	-
23%							\$1,135,000	-
25%							\$549,000	-
28%	16.6	3	5.2	83.5	74.9	163.6	\$0	-
27%	47.6	8	15.7	205.2	145.4	366.3	\$6,582,000	

Appendix E - City of Toronto Ten Year Cycling Network Plan

Scenario 1: \$8 Million / Year (Base Case)

	Major Corridor Study	Cost	Years 2 to 5	Years 6 to 10	Proposed Facility Type(s)
2016	Bloor - Dupont (Keele to Sherbourne)	\$939,000			Proposed Bike Lanes or Cycle Tracks
2017	Yonge - (Avondale to Hendon)	\$2,000,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Hendon to Steeles)	\$1,006,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (South of Bloor)	\$1,130,000			Proposed Bike Lanes or Cycle Tracks
2019	Danforth-Kingston - (Danforth to	\$2,273,000			Proposed Bike Lanes or Cycle Tracks
2020	Danforth - (Broadview to Danforth)	\$2,062,000			Proposed Bike Lanes or Cycle Tracks
2021	Bloor - (Keele to Dundas Street West)	\$1,316,000			Proposed Bike Lanes or Cycle Tracks
2023	Jane - (Steeles to south of 401)	\$2,003,000			Proposed Bike Lanes or Cycle Tracks
	Lake Shore - (Humber to Mississauga)	\$1,066,000			Proposed Bike Lanes or Cycle Tracks
Study Not Initiated	Yonge - (Bloor to Eglinton)	\$1,461,000			Proposed Bike Lanes or Cycle Tracks
	Midland - (Sheppard to Steeles)	\$4,894,000			Proposed Boulevard Multi-use Trail or
	Midland - (Lawrence to Sheppard)	\$4,109,000			Proposed Boulevard Multi-use Trail or
	Kipling - (Bloor to Waterfront Trail)	\$2,697,000			Proposed Boulevard Multi-use Trail or
	Kingston - (Eglinton to Highland Creek)	\$1,760,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Eglinton to William Carson)	\$1,541,000			Proposed Bike Lanes or Cycle Tracks
	Yonge (Avondale to William Carson)	\$3,053,000			Proposed Bike Lanes or Cycle Tracks
	Midland - (Waterfront Trail to Gataineau)	\$2,232,000			Proposed Bike Lanes or Cycle Tracks

LEGEND
Project not included in this scenario
Project initiated but implementation not complete
Stand alone project - no coordination
MCIC coordination Year
> Sub-project of a Major Corridor Study

	Cycling Network Project	Cost	Years 2 to 5	Years 6 to 10	Proposed Facility Type(s)
2017	Dowling - (Waterfront Trail to Queen)	\$471,000			Proposed Quiet Street Routes
	> Bloor - (Roncesvalles to Lansdowne)	\$177,000			Proposed Bike Lanes or Cycle Tracks
	> Bloor - (Church to Sherbourne)	\$115,000			Proposed Bike Lanes or Cycle Tracks
	Gerrard East - (Main to Clonmore)	\$140,000			Proposed Quiet Street Routes
	Woodbine - (Queen to Lakeshore)	\$217,200			Proposed Bike Lanes or Cycle Tracks
	Mt Pleasant (St. Clair to Beltline) and St Clair	\$197,000			Proposed Bike Lanes
	Parliament - (Bloor to Wellesley)	\$26,000			Proposed Bike Lanes
	> Yonge - (Gerrard to Front)	\$324,000			Proposed Bike Lanes or Cycle Tracks
	Bellamy - (Eglinton to Progress)	\$278,871			Proposed Bike Lanes or Cycle Tracks
2018	Donlands - (Danforth to Millwood)	\$99,000			Proposed Bike Lanes
	Royal York Neighbourhood Connections	\$59,000			Proposed Quiet Street Routes
	> Bloor - (Albany to Avenue)	\$312,000			Proposed Bike Lanes
	Yonge & Lawrence Neighbourhood Connections	\$380,000			Proposed Bike Lanes or Quiet Street Route
	College - (Lansdowne to Brock)	\$403,000			Proposed Bike Lanes or Cycle Tracks
	York University Connections	\$223,000			Various Facility Types Proposed
	Wilmington, Overbrook, Steepprock	\$169,000			Proposed Bike Lanes
	North Queen - (Mississauga to Kipling)	\$207,000			Proposed Bike Lanes
	Scott/Beechborough/Castlefield	\$101,000			Proposed Bike Lanes or Quiet Street Route
	Scarlett - (Dundas to Eglinton)	\$95,000			Proposed Bike Lanes
	Glencairn - (Calidonia to Yonge)	\$36,000			Proposed Quiet Street Route
	Vaughan - (Winona to Eglinton)	\$20,000			Proposed Bike Lane or Quiet Street Route
	Wychwood Park Neighbourhood Connections	\$56,000			Proposed Quiet Street Routes

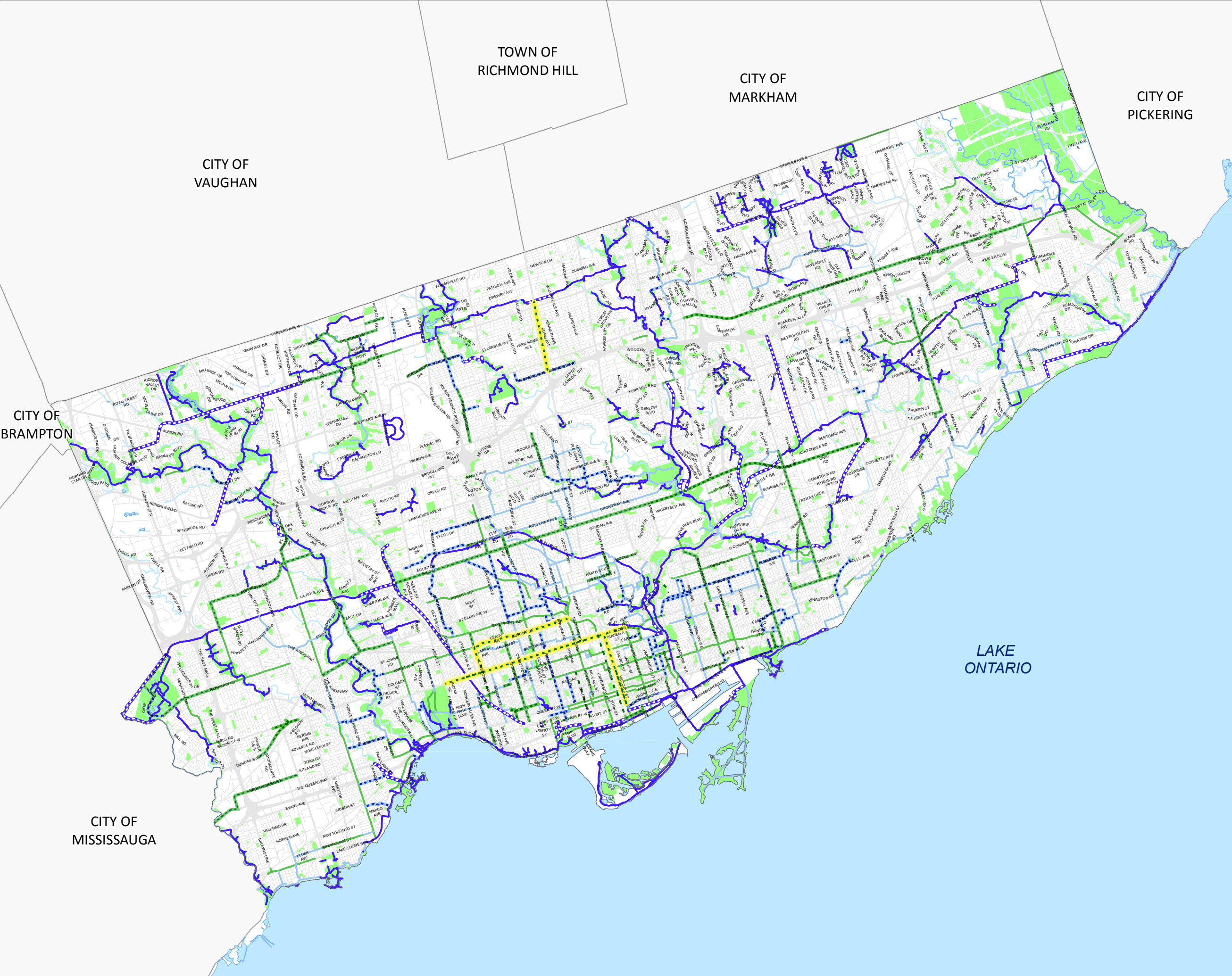
2019	Lambton Baby Point Neighbourhood	\$46,000				Proposed Quiet Street Routes
	Florence/Avondale - (Willowdale to Easton)	\$39,000				Proposed Quiet Street Routes
	Kipling Heights Neighbourhood Connections	\$35,000				Proposed Quiet Street routes
	Dovercourt - (Sudbury to Davenport)	\$197,000				Proposed Bike Lanes or Quiet Street Route
	Dundas - (Royal York to Scarlett) and St Clair - (\$1,267,000				Proposed Bike lanes
2020	Westway/Martin Grove/Lawrence/St Phillips	\$345,000				Proposed Bike Lanes
	Victoria Park - (Gerrard to Gatineau Trail)	\$212,304				Proposed Bike Lane or Cycle Track
	> Lansdowne - (Queen St W to Dundas St W)	\$270,000				Proposed Bike Lanes
	East York Neighbourhood Connections	\$464,000				Proposed Bike Lane or Quiet Street Route
	Faywood - (Sheppard to Wilson)	\$94,000				Proposed Bike Lanes
	Winona - (Davenport to Roselawn)	\$92,000				Proposed Quiet Street Route
	Palmerston - (Queen to Dupont)	\$73,000				Proposed Quiet Street Route
	Christie - (Bloor to Dupont)	\$49,000				Proposed Bike Lanes
	Adelaide - (Chruch to Power)	\$923,000				Existing R-A Cycle Track to be Upgraded in
	King West Neighbourhood Connections	\$217,000				Proposed Quiet Street Routes
2021	Carlaw - (Danforth to Lake Shore)	\$75,000				Proposed Bike Lanes
	Lansdowne Ave - (Queen to Dundas)	\$31,000				Proposed Bike Lanes
	Dorcot - (Midland Smart Track Connection)	\$13,000				Proposed Quiet Street Route
2022	Progress - (Midland to Sheppard)	\$271,000				Proposed Bike Lanes or Cycle Tracks
	CityPlace Neighbourhood Connections	\$292,000				Proposed Bike Lanes
	Davisville Manor, Parkhurst, Sutherland,	\$253,000				Proposed Bike Lane or Quiet Street Route
	Trethewey - (Eglinton to Jane)	\$131,000				Proposed Bike Lanes
	Brian/Old Sheppard/Huntingwood	\$131,000				Proposed Bike Lanes or Quiet Street Route
	Weston Neighbourhood Connections	\$115,000				Proposed Quiet Street Routes
	Oakwood Village Neighbourhood Connections	\$110,000				Proposed Quiet Street Routes
	Chesswood/Champagne - (Sheppard to Finch	\$106,000				Proposed Bike Lanes
	Riverdale - Greenwood Neighbourhood	\$95,000				Proposed Quiet Street Routes
	Norseman - (Kipling to Royal York)	\$85,000				Proposed Bike Lanes
	York/Elmwood - (Senlac to Burbank)	\$71,000				Proposed Bike Lanes or Quiet Street Route
	Junction Neighbourhood Connections	\$68,000				Proposed Quiet Street Route
	Bayview - (Moore to Pottery Road)	\$59,000				Proposed Roadway Improvements
Mount Pleasant Rd - (Snowdon to Lawrence)	\$29,000				Proposed Bike Lanes or Quiet Street Route	
2023	Borden/Howland - (College to Dupont)	\$280,000				Proposed Quiet Street Routes
	Parkdale Neighbourhood Connections	\$263,000				Proposed Quiet Street Routes
	Senlac - (Finch to Sheppard)	\$257,000				Proposed Bike Lanes or Cycle Tracks
	Bayview Village Neighbourhood Connections	\$144,000				Proposed Quiet Street Routes
	Lansing - Willowdale Neighbourhood	\$134,000				Proposed Quiet Street Routes
	Princess Margaret Neighbourhood Connections	\$81,000				Proposed Quiet Street Route
	Military Trail/Lawson - (Conlins to Port Union)	\$78,000				Proposed Bike Lanes or Quiet Street Route
	Moore - (Bayview to Don Valley)	\$77,000				Proposed Bike Lanes or Cycle Tracks
	Islington Neighbourhood Connections	\$116,000				Proposed Quiet Street Routes
	Havelock/Bartlett - (Bloor to Davenport)	\$71,000				Proposed Quiet Street Route
	Wincott - (Midland Smart Track Connection)	\$58,000				Proposed Quiet Street Route
	Downsview Neighbourhood Connections	\$36,000				Proposed Quiet Street Routes
	Martin Grove - (Rathburn to South of	\$34,000				Proposed Bike Lanes
2024	Warden Station connecting links	\$585,000				Proposed Boulevard Trail
2025	Dufferin - (Finch Hydro Trail to Steeles)	\$1,343,000				Proposed Boulevard Trail
	Don River / DVP Crossing (Richmond-Adelaide	\$1,436,000				Proposed Major Barrier Crossing
	Port Union - (Sheppard to Waterfront Trail)	\$109,000				Proposed Bike Lanes
Project Not Initiated	Ellesmere - (McCowan to Conlins)	\$3,657,000				Proposed Cycle Tracks or Boulevard Trail
	Eglinton - (Kennedy to Kingston)	\$1,082,000				Proposed Bike Lanes or Cycle Tracks
	Drewry/Cummer - (Yonge to Finch Trail)	\$166,000				
	Cummer/McNicoll - (Yonge to Pharmacy)	\$217,000				Proposed Bike Lanes or Quiet Street Route
	Parkwoods Neighbourhood Connections	\$193,000				Proposed Quiet Street Routes
	McLevin - (Sheppard to Scarborough Railpath)	\$183,000				Proposed Bike Lanes
	Bathurst (Steeles to York Downs)	\$4,728,000				Proposed Boulevard Trail
	Morningside - (Connection over Hwy 401)	\$4,710,000				Proposed Bike Lanes or Cycle Tracks

Flemingdon Park - Thorncliffe Park	\$3,099,000			Various Facility Types Proposed
Dufferin/Ranee/Flemington/Blossomfield/Varna	\$484,000			Various Facility Types Proposed
Graydon Hall - Don Mills Neighbourhood	\$472,000			Proposed Quiet Street Routes
Warden - (Hwy 401 to Bamburg Crcl)	\$4,036,000			Proposed Boulevard Trail
Bermondsey/Sloane - (St. Clair to Lawrence)	\$1,237,000			Proposed Bike Lanes
Wilson - (Faywood to Dufferin)	\$1,091,000			Proposed Bike Lanes or Cycle Tracks
Don Valley Golf Course / Hogs Hollow	\$872,000			Proposed Major Barrier Crossing
Highway 401 Tunnel to Hydro Corridor (Cavehill)	\$800,000			Proposed Major Barrier Crossing
Waterfront Trail - Kingston Improvements	\$714,000			Proposed Bike Lane or Cycle Track
Forest Hill Neighbourhood Connections	\$377,000			Proposed Quiet Street Routes
Middlefield - (McCowan to Steeles)	\$222,000			Proposed Bike Lanes
Walsh/Wilson/Beverley Hills	\$126,000			Proposed Bike Lanes or Cycle Tracks
Willowdale - (Avondale to Steeles)	\$108,000			Proposed Bike Lanes
St Clair - (O'Connor to Victoria Park)	\$108,000			Proposed Bike Lanes or Cycle Tracks
Bridle Path Neighbourhood Connections	\$82,000			Proposed Quiet Street Routes
Steeles - (Markham to Bear)	\$4,726,000			Proposed Bike Lanes or Cycle Tracks
Steeles - (Kennedy to McCowan)	\$2,462,000			Proposed Bike Lanes or Cycle Tracks
Burnhamthorpe - (Martin Grove to Dundas)	\$2,090,000			Proposed Bike Lanes or Cycle Tracks
Brown's Line/The East Mall - (North Queen to	\$1,805,000			Proposed Bike Lanes or Quiet Street Route
Gordon Baker/Glendinning/Passmore	\$780,000			Proposed Quiet Street Route
Renforth - (Rathburn to Eglinton)	\$597,000			Proposed Bike Lanes
Finch - (Neilson to Middlefield)	\$131,000			Proposed Bike Lanes or Cycle Tracks
Finch - (Keele to Wilmington)	\$1,515,000			Proposed Bike Lanes or Cycle Tracks
York Downs/Armour/Bombay/Avenue/Ridley	\$539,000			Proposed Bike Lanes or Quiet Street Route
Rustic/Culford/Bridgeland	\$378,000			Proposed Bike Lanes or Quiet Street Route
Woodfield - Monarch Park to Waterfront Trail)	\$92,000			Proposed Quiet Street Route
Lawrence - (Orton Park to Kingston Road)	\$84,000			Proposed Bike Lanes or Cycle Tracks

LEGEND
Project not included in this scenario
Project initiated but implementation not complete
Stand alone project - no coordination
MCIC coordination Year
> Sub-project of a Major Corridor Study

City of Toronto Cycling Network Plan

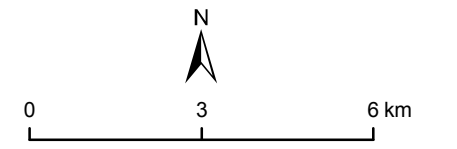
**Scenario 1: \$8M/year
Years 0-5**



- ### Legend
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- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - - - - - Major Corridor Studies

- Existing Cycling Network**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
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City of Toronto Cycling Network Plan

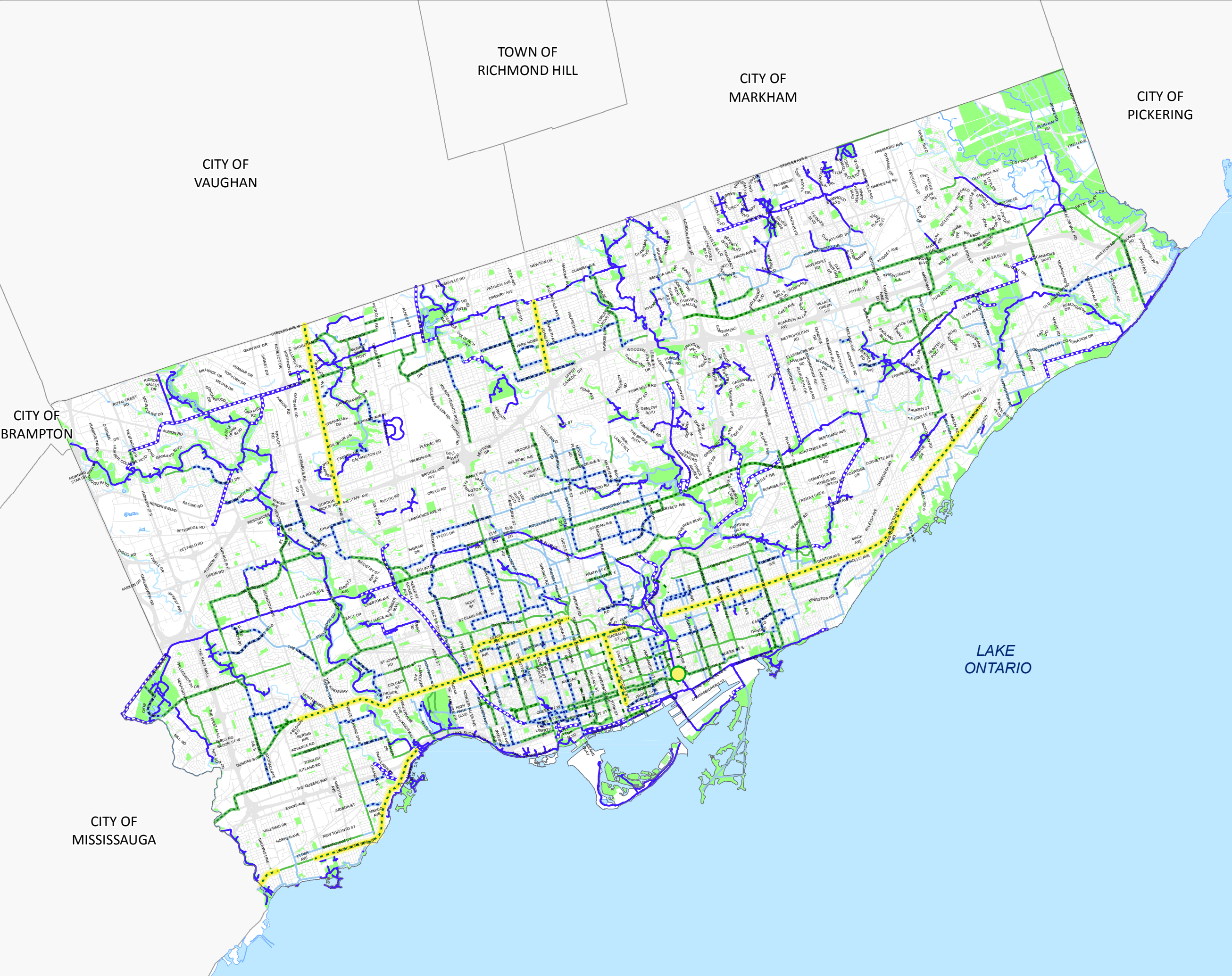
Scenario 1: \$8M/year
Years 6-10

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Scenario 2: \$12M /Year Spending

YEAR		APPROVED TRAILS			ON-STREET CYCLING NETWORK 10 YEAR PLAN						BIKE PARKING	TOTAL *
		New*	Upgrades**	Subtotal*	CONNECT - GROW PROJECTS			RENEW PROJECTS	Subtotal**			
					MCIC Related Projects	Major Corridor Studies	Other On-Street Cycling Network Projects					
2017	2	\$5.5 M	\$0.5 M	\$6.0 M	\$3.5 M	\$0.3 M	\$1.0 M	0.2 M	\$4.8 M	\$1 M	\$12.0 M	
2018	3	\$5.5 M	\$0.5 M	\$6.0 M	\$4.5 M	\$0.3 M	\$0.1 M	0.2 M	\$5.0 M	\$1 M	\$12.0 M	
2019	4	\$5.5 M	\$0.5 M	\$6.0 M	\$2.4 M	\$0.8 M	\$1.6 M	0.2 M	\$4.8 M	\$1 M	\$12.0 M	
2020	5	\$5.5 M	\$0.5 M	\$6.0 M	\$1.6 M	\$0.8 M	\$2.5 M	0.1 M	\$4.9 M	\$1 M	\$12.0 M	
2021	6	\$5.5 M	\$0.5 M	\$6.0 M	\$0.1 M	\$2.2 M	\$2.5 M	0.3 M	\$4.7 M	\$1 M	\$12.0 M	
2022	7	\$5.5 M	\$0.5 M	\$6.0 M	\$0.0 M	\$0.9 M	\$3.6 M	0.5 M	\$4.5 M	\$1 M	\$12.0 M	
2023	8	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$2.3 M	\$4.8 M	0.4 M	\$7.1 M	\$1 M	\$12.0 M	
2024	9	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$4.8 M	\$2.1 M	0.6 M	\$6.9 M	\$1 M	\$12.0 M	
2025	10	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$4.6 M	\$2.0 M	0.9 M	\$6.6 M	\$1 M	\$12.0 M	
TOTAL		\$40.5 M	\$6.0 M	\$46.5 M	\$12.1 M	\$17.0 M	\$20.2 M	3.4 M	\$49.3 M	\$9 M	\$108.0 M	

Scenario 2: Network Growth

% Target of On-Street Network Installed	CYCLING NETWORK GROWTH (KM)						RESOURCES (Included in Network Budget Scenario)	NEW FTE
	MCIC Co-ordinated projects (km)	Major Corridor Studies (km)	CNP Trails (km)	Cycle Tracks and Bike Lanes (km)	Quiet Street Routes (km)	Installed Annual Subtotal (km)	Study Costs + Eng&CA	
5%							\$1,779,000	2
10%							\$1,113,000	-
15%							\$1,170,000	-
20%	45.2	6	12.3	160.0	70.5	242.8	\$1,191,000	-
25%							\$595,000	-
29%							\$1,262,000	-
37%							\$1,114,000	-
44%							\$1,923,000	-
51%	3.9	7	25.7	70.4	74.9	170.9	\$508,000	-
51%	49.1	13	38	230.4	145.4	413.7	\$10,655,000	2

Appendix E - City of Toronto Ten Year Cycling Network Plan Scenario 2: \$12 Million / Year

	Major Corridor Study	Cost	Years 2 to 5	Years 6 to 10	Proposed Facility Type(s)
2016	Bloor - Dupont (Keele to Sherbourne)	\$939,000			Proposed Bike Lanes or Cycle Tracks
2017	Yonge - (Avondale to Hendon)	\$2,000,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Hendon to Steeles)	\$1,006,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (South of Bloor)	\$1,130,000			Proposed Bike Lanes or Cycle Tracks
	Lake Shore - (Humber to Mississauga)	\$1,066,000			Proposed Bike Lanes or Cycle Tracks
2019	Danforth - (Broadview to Danforth Road)	\$2,062,000			Proposed Bike Lanes or Cycle Tracks
	Danforth-Kingston - (Danforth)	\$2,273,000			Proposed Bike Lanes or Cycle Tracks
2021	Bloor West - (Keele - Dundas Street West)	\$1,316,000			Proposed Bike Lanes or Cycle Tracks
2022	Kipling - (Bloor to Waterfront Trail)	\$2,697,000			Proposed Boulevard Trail or Cycle Tracks
2023	Jane - (Steeles to south of 401)	\$2,003,000			Proposed Bike Lanes or Cycle Tracks
	Midland - (Waterfront Trail to Gatineau Trail)	\$2,232,000			Proposed Bike Lanes or Cycle Tracks
2024	Yonge - (Eglinton to William Carson)	\$1,541,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Bloor to Eglinton)	\$1,461,000			Proposed Bike Lanes or Cycle Tracks
	Kingston - (Eglinton to Highland Creek Trail)	\$1,760,000			Proposed Bike Lanes or Cycle Tracks
Study Not Initiated	Midland - (Sheppard to Steeles)	\$4,894,000			Proposed Boulevard Trail or Cycle
	Midland - (Lawrence to Sheppard)	\$4,109,000			Tracks Proposed Boulevard Trail or
	Yonge - (Avondale to William Carson)	\$3,053,000			Proposed Bike Lanes or Cycle Tracks

LEGEND
Project not included in this scenario
Project initiated but implementation not complete
Stand alone project - no coordination
MCIC coordination Year
> Sub-project of a Major Corridor Study

	Cycling Network Project	Cost	Years 2 to 5	Years 6 to 10	Proposed Facility Type(s)
2017	Renforth - (Rathburn to Eglinton)	\$597,000			Proposed Bike Lanes
	> Bloor - (Roncesvalles to Lansdowne)	\$177,000			Proposed Bike Lanes or Cycle Tracks
	> Bloor - (Church to Sherbourne)	\$115,000			Proposed Bike Lanes or Cycle Tracks
	CityPlace Neighbourhood Connections	\$292,000			Proposed Bike Lanes
	Woodbine - (Queen to Lakeshore)	\$217,200			Proposed Bike Lanes or Cycle Tracks
	Cummer/McNicoll - (Yonge to Pharmacy)	\$217,000			Proposed Bike Lanes or Quiet Street Route
	Dovercourt - (Sudbury to Davenport)	\$197,000			Proposed Bike Lanes or Quiet Street Route
	Mt Pleasant (St. Clair to Beltline) and St Clair (Yonge to Mt Pleasant)	\$197,000			Proposed Bike Lanes
	Gerrard East - (Main to Clonmore)	\$140,000			Proposed Bike Lanes
	Oakwood Village Neighbourhood Connections	\$110,000			Proposed Quiet Street Routes
	Riverdale - Greenwood Neighbourhood Connections	\$95,000			Proposed Quiet Street Routes
	Wychwood Park Neighbourhood Connections	\$56,000			Proposed Quiet Street Routes
	Parliament - (Bloor to Wellesley)	\$26,000			Proposed Bike Lanes
	2018	> Yonge - (Gerrard to Front)	\$324,000		
> Bloor - (Albany to Avenue)		\$312,000			Proposed Bike Lanes
College - (Lansdowne to Brock)		\$403,000			Proposed Bike Lanes or Cycle Tracks
Westway/Martin Grove/Lawrence/St Phillips		\$345,000			Proposed Bike Lanes
Bellamy - (Eglinton to Progress)		\$278,871			Proposed Bike Lanes or Cycle Tracks
Walsh/Wilson/Beverley Hills		\$126,000			Proposed Bike Lanes or Cycle Tracks
Donlands - (Danforth to Millwood)		\$99,000			Proposed Bike Lanes

	> Lansdowne - (Queen St W to Dundas St W)	\$270,000				Proposed Bike Lanes
	Royal York Neighbourhood Connections	\$59,000				Proposed Quiet Street Routes
2019	Adelaide (Church to Power)	\$923,000				Existing R-A Cycle Track to be Upgraded
	Dundas - (Royal York to Scarlett) and St Clair - (Runnymede to Scarlett)	\$1,267,000				Proposed Bike lanes
	York University Connections	\$223,000				Various Facility Types Proposed
	Wilmington, Overbrook, Steeprock	\$169,000				Proposed Bike Lanes
	Scarlett - (Dundas to Eglinton)	\$95,000				Proposed Bike Lanes
	Glencairn - (Calidonia to Yonge)	\$36,000				Proposed Quiet Street Route
	Willowdale - (Avondale to Steeles)	\$108,000				Proposed Bike Lanes
	Kipling Heights Neighbourhood Connections	\$35,000				Proposed Quiet Street Route
	Vaughan - (Winona to Eglinton)	\$20,000				Proposed Bike Lanes or Quiet Street Route
	Don River / DVP Crossing (Richmond-Adelaide to Eastern)	\$1,436,000				Proposed Major Barrier Crossing
2020	Victoria Park - (Gerrard to Gatineau Trail)	\$212,000				Proposed Bike Lanes or Cycle Tracks
	Parkdale Neighbourhood Connections	\$263,000				Proposed Quiet Street Routes
	North Queen - (Mississauga to Kipling)	\$207,000				Proposed Bike Lanes
	East York Neighbourhood Connections	\$464,000				Proposed Bike Lane or Quiet Street Route
	Parkwoods Neighbourhood Connections	\$193,000				Proposed Quiet Street Routes
	Bayview Village Neighbourhood Connections	\$144,000				Proposed Quiet Street Routes
	Weston Neighbourhood Connections	\$115,000				Proposed Quiet Street Routes
	Chesswood/Champagne	\$106,000				Proposed Bike Lanes
	Finch Ave East - (Middlefield to Nielson)	\$131,000				Proposed Bike Lanes or Cycle Tracks
	Faywood - (Sheppard to Wilson)	\$94,000				Proposed Bike Lanes
	Havelock/Bartlett - (Bloor to Davenport)	\$71,000				Proposed Quiet Street Route
	Junction Neighbourhood Connections	\$68,000				Proposed Quiet Street Routes
	Mount Pleasant Rd - (Snowdon to Lawrence)	\$29,000				Proposed Bike Lanes or Quiet Street Route
	Winona - (Davenport to Roselawn)	\$92,000				Proposed Quiet Street Route
	Waterfront Trail - Kingston Improvements	\$714,000				Proposed Bike Lanes or Cycle Tracks
2021	Dufferin/Ranee/Flemington/Blossomfield/Varna	\$484,000				Various Facility Types Proposed
	King West Neighbourhood Connections	\$217,000				Proposed Quiet Street Routes
	Borden/Howland - (College to Dupont)	\$280,000				Proposed Quiet Street Routes
	Carlaw - (Danforth to Lake Shore)	\$75,000				Proposed Bike Lanes
	Florence/Avondale - (Willowdale to Easton)	\$39,000				Proposed Quiet Street Routes
	Martin Grove - (Rathburn to South of Burnamthorpe)	\$34,000				Proposed Bike Lanes
	Islington Neighbourhood Connections	\$116,000				Proposed Quiet Street Routes
	Dorcot - (Midland Smart Track Connection)	\$13,000				Proposed Quiet Street Route
	Eglinton - (Kennedy to Kingston)	\$1,082,000				Proposed Bike Lanes or Cycle Tracks
	Dowling - (Waterfront Trail to Queen)	\$471,000				Proposed Quiet Street Routes
2022	Progress - (Midland to Sheppard)	\$271,000				Proposed Bike Lanes or Cycle Tracks
	Palmerston - (Queen to Dupont)	\$73,000				Proposed Quiet Street Routes
	Norseman - (Kipling to Royal York)	\$85,000				Proposed Bike Lanes
	Wincott - (Midland Smart Track Connection)	\$58,000				Proposed Quiet Street Route
	Christie - (Bloor to Dupont)	\$49,000				Proposed Bike Lanes
	Lansdowne - (Queen St W to Dundas St W)	\$31,000				Proposed Bike Lanes or Cycle Tracks
		Flemingdon Park - Thorncliffe Park Neighbourhood Connections	\$3,099,000			
2023	McLevin - (Sheppard to Scarborough Railpath)	\$183,000				Proposed Bike Lanes
	St Clair - (O'Connor to Victoria Park)	\$108,000				Proposed Bike Lanes or Cycle Tracks
	Moore - (Bayview to Don Valley)	\$77,000				Proposed Bike Lanes or Cycle Tracks
	Downsview Neighbourhood Connections	\$36,000				Proposed Quiet Street Routes
	Brown's Line/The East Mall - (North Queen to Lake Shore)	\$1,805,000				Proposed Bike Lanes or Quiet Street Route
2024	Ellesmere - (McCowan to Conlins)	\$3,657,000				Proposed Cycle Tracks or Boulevard Trail
	Military Trail/Lawson - (Conlins to Port Union)	\$78,000				Proposed Bike Lanes or Quiet Street Route
	Bayview - (Moore to Pottery Road)	\$59,000				Proposed Roadway Improvements
2025	Wilson - (Faywood to Dufferin)	\$1,091,000				Proposed Bike Lanes or Cycle Tracks
	Warden Station connecting links	\$585,000				Proposed Boulevard Trail
	York/Elmwood - (Senlac to Burbank)	\$71,000				Proposed Bike Lanes or Quiet Street Route
	Lambton Baby Point Neighbourhood Connections	\$46,000				Proposed Quiet Street Routes
	Forest Hill Neighbourhood Connections	\$377,000				Proposed Quiet Street Routes
	Davisville Manor, Parkhurst, Sutherland, Cleveland, and Millwood west	\$253,000				Proposed Bike Lane or Quiet Street Route
Project Not Initiated	Middlefield - (McCowan to Steeles)	\$222,000				Proposed Bike Lanes
	Drewry/Cummer - (Yonge to Finch Trail)	\$166,000				Proposed Bike Lanes or Quiet Street Route
	Finch - (Keele to Wilmington)	\$1,515,000				Proposed Bike Lanes or Cycle Tracks
	Lansing - Willowdale Neighbourhood Connections	\$134,000				Proposed Quiet Street Routes
	Brian/Old Sheppard/Huntingwood	\$131,000				Proposed Bike Lanes or Quiet Street Route
	Woodfield - (Monarch Park to Waterfront Trail)	\$92,000				Proposed Quiet Street Routes
	Lawrence - (Orton Park to Kingston Road)	\$84,000				Proposed Bike Lanes or Cycle Tracks

Morningside - (Connection over Hwy 401)	\$4,710,000			Proposed Bike Lanes or Cycle Tracks
Graydon Hall-Don Mills Neighbourhood Connections	\$472,000			Proposed Quiet Street Routes
Warden - (Hwy 401 to Bamburgh Crcl)	\$4,036,000			Proposed Boulevard Trail
Bermondsey/Sloane - (St. Clair to Lawrence)	\$1,237,000			Proposed Bike Lanes
Don Valley Golf Course / Hogs Hollow Underpass / Trail Connection	\$872,000			Proposed Major Barrier Crossing
Trethewey - (Eglinton to Jane) - (Sheppard to Finch Trail)	\$131,000			Proposed Bike Lanes
Port Union - (Sheppard to Waterfront Trail)	\$109,000			Proposed Bike Lanes
Bridle Path Neighbourhood Connections	\$82,000			Proposed Quiet Street Routes
Steeles - (Markham to Bear)	\$4,726,000			Proposed Bike Lanes or Cycle Tracks
Steeles - (Kennedy to McCowan)	\$2,462,000			Proposed Bike Lanes or Cycle Tracks
Burnhamthorpe - (Martin Grove to Dundas)	\$2,090,000			Proposed Bike Lanes or Cycle Tracks
Dufferin - (Finch Hydro Trail to Steeles)	\$1,343,000			Proposed Boulevard Trail
Highway 401 Tunnel to Hydro Corridor (Cavehill & Crocus Connections)	\$800,000			Proposed Major Barrier Crossing
Gordon Baker/Glendingning/Passmore	\$780,000			Proposed Quiet Street Routes
York Downs/Armour/Bombay/Avenue/Ridley	\$539,000			Proposed Bike Lanes or Quiet Street Route
Rustic/Culford/Bridgeland	\$378,000			Proposed Bike Lanes or Quiet Street Route
Yonge & Lawrence Neighbourhood Connections	\$380,000			Proposed Bike Lanes or Quiet Street Route
Senlac - (Finch to Sheppard)	\$257,000			Proposed Bike Lanes or Cycle Tracks
Scott/Beechborough/Castlefield	\$101,000			Proposed Bike Lanes or Quiet Street Route
Bathurst (Steeles to York Downs)	\$4,728,000			Proposed Boulevard Trail
Princess Margaret Neighbourhood Connections	\$81,000			Proposed Quiet Street Route

LEGEND

Project not included in this scenario

Project initiated but implementation not complete

Stand alone project - no coordination

MCIC coordination Year

> Sub-project of a Major Corridor Study

City of Toronto Cycling Network Plan

**Scenario 2: \$12M/year
Years 0-5**

Legend

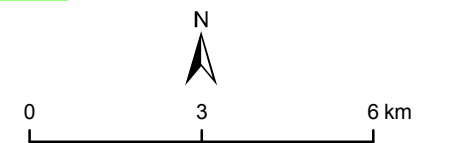
Cycling Network and Trails Plan

- Bike Lane | Cycle Tracks
- Trails | Boulevard Trails
- Quiet Street Routes
- Tunnels and Bridges
- Major Corridor Studies

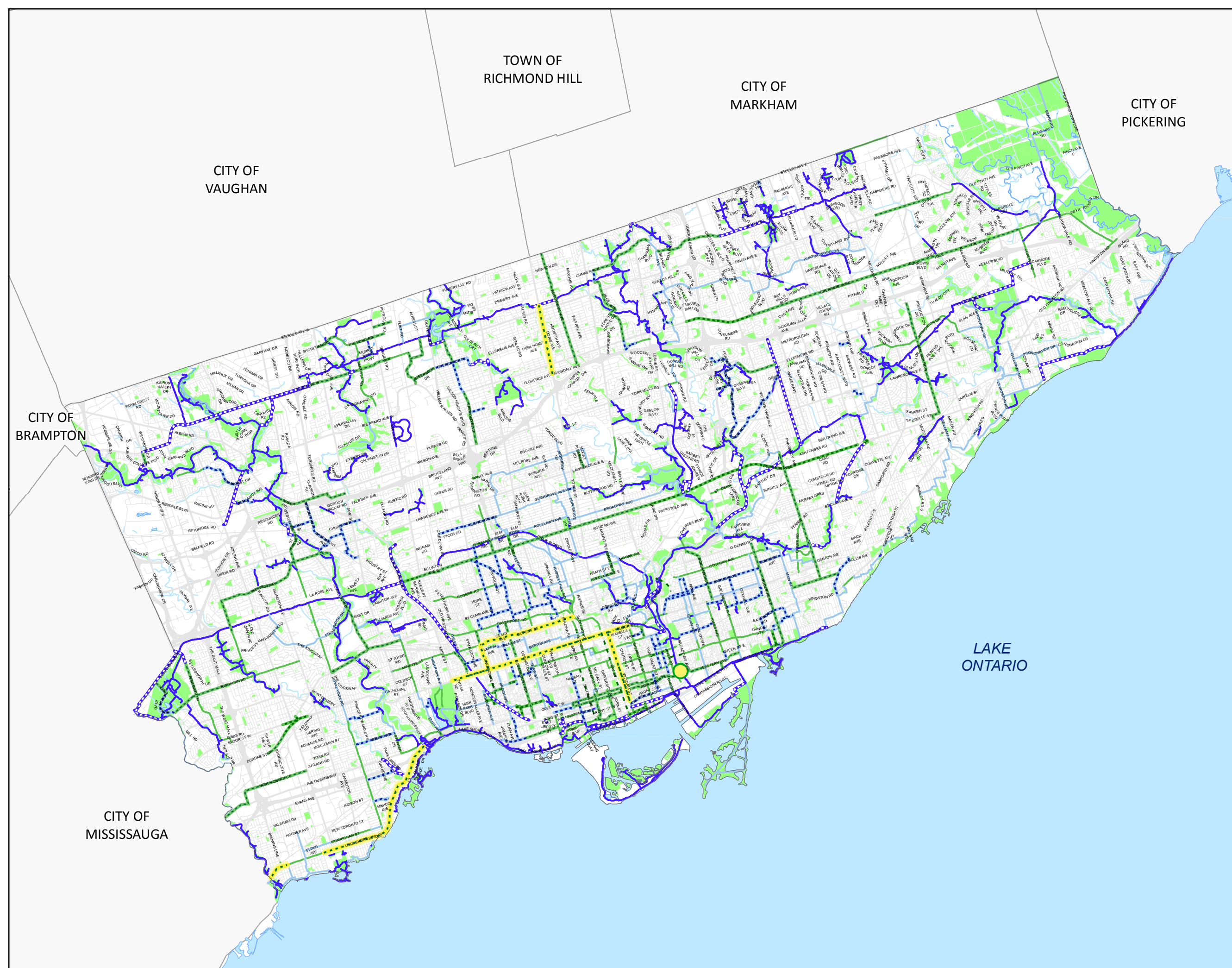
Existing Cycling Network

- Bike Lane | Cycle Tracks
- Trails | Boulevard Trails
- Quiet Street Routes

- Rail Lines
- Freeways
- Major Roads
- Arterial Road Network
- Green Spaces



Data source: City of Toronto / IBI Group, 2016
Projection: NAD 1927 MTM 3
Date: April 2016
Cartography: Vélo Québec



CITY OF VAUGHAN

TOWN OF RICHMOND HILL

CITY OF MARKHAM

CITY OF PICKERING

CITY OF BRAMPTON

CITY OF MISSISSAUGA

LAKE ONTARIO

City of Toronto Cycling Network Plan

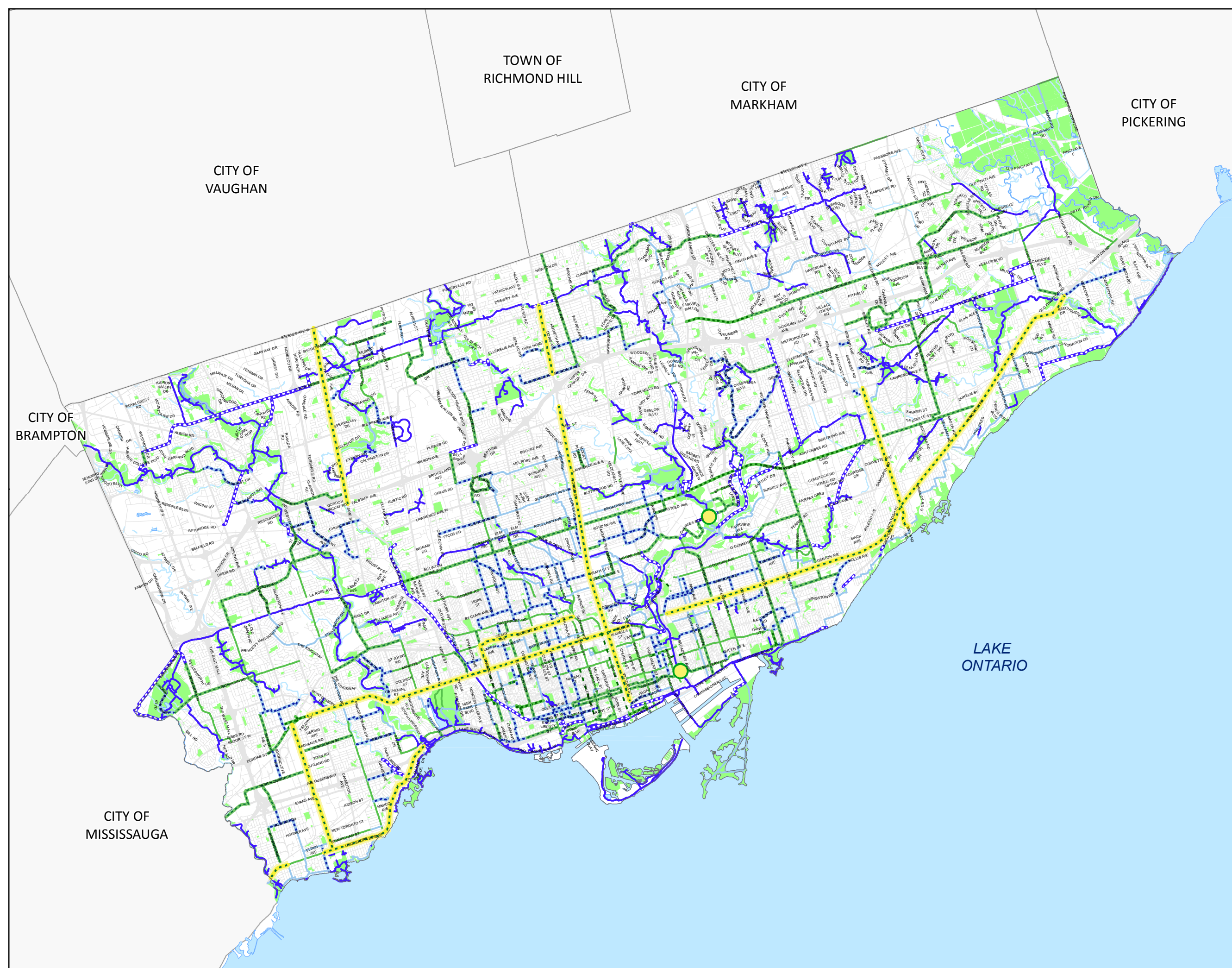
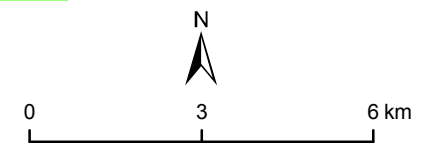
Scenario 2: \$12M/year Years 6-10

Legend

- Cycling Network and Trails Plan**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - Major Corridor Studies

- Existing Cycling Network**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes

- Rail Lines
- Freeways
- Major Roads
- Arterial Road Network
- Green Spaces



CITY OF VAUGHAN

TOWN OF RICHMOND HILL
CITY OF MARKHAM

CITY OF PICKERING

CITY OF BRAMPTON

CITY OF MISSISSAUGA

LAKE ONTARIO

Scenario 3: \$16M /Year Spending

YEAR		APPROVED TRAILS			ON-STREET CYCLING NETWORK 10 YEAR PLAN						BIKE PARKING	TOTAL*
		New*	Upgrades**	Subtotal*	CONNECT - GROW PROJECTS			RENEW PROJECTS	Subtotal**			
					MCIC Related Projects	Major Corridor Studies	Other On-Street Cycling Network Projects					
2017	2	\$5.4 M	\$0.6 M	\$6.0 M	\$3.4 M	\$0.6 M	\$0.7 M	\$ M	\$4.7 M	\$1 M	\$12.0 M	
2018	3	\$5.4 M	\$0.6 M	\$6.0 M	\$7.1 M	\$1.1 M	\$0.7 M	\$ M	\$8.9 M	\$1 M	\$16.0 M	
2019	4	\$5.4 M	\$0.6 M	\$6.0 M	\$2.8 M	\$1.7 M	\$4.4 M	\$ M	\$8.9 M	\$1 M	\$16.0 M	
2020	5	\$5.4 M	\$0.6 M	\$6.0 M	\$1.6 M	\$2.3 M	\$4.7 M	\$ M	\$8.6 M	\$1 M	\$16.0 M	
2021	6	\$5.4 M	\$0.6 M	\$6.0 M	\$0.1 M	\$2.8 M	\$6.1 M	\$ M	\$8.9 M	\$1 M	\$16.0 M	
2022	7	\$5.4 M	\$0.6 M	\$6.0 M	\$0.0 M	\$1.4 M	\$7.3 M	\$ M	\$8.8 M	\$1 M	\$16.0 M	
2023	8	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$4.4 M	\$6.1 M	\$ M	\$10.5 M	\$1 M	\$16.0 M	
2024	9	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$6.0 M	\$4.9 M	\$ M	\$10.8 M	\$1 M	\$16.0 M	
2025	10	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$0.5 M	\$10.7 M	\$ M	\$11.2 M	\$1 M	\$16.0 M	
TOTAL		\$39.9 M	\$6.6 M	\$46.5 M	\$15.0 M	\$20.8 M	\$45.7 M	\$ M	\$81.5 M	\$9 M	\$140.0 M	

Scenario 3: Network Growth

% Target of On-Street Network Installed	CYCLING NETWORK GROWTH (KM)						RESOURCES (Included in Network Budget Scenario)	NEW FTE
	MCIC Co-ordinated projects (km)	Major Corridor Studies (km)	CNP Trails (km)	Cycle Tracks and Bike Lanes (km)	Quiet Street Routes (km)	Installed Annual Subtotal (km)	Study Costs + Eng&CA	
5%							\$2,319,000	4
14%							\$2,345,000	2
23%							\$1,277,000	-
32%	65.4	9	16.3	221.9	164.6	402.7	\$2,779,000	-
41%							\$1,614,000	-
50%							\$1,180,000	-
61%							\$3,350,000	-
72%							\$2,475,000	-
84%	1.8	7	33.8	53.3	22.0	109.1	\$1,071,000	-
85%	67.2	16	50.1	275.2	186.6	511.8	\$18,410,000	6

Appendix E - City of Toronto Ten Year Cycling Network Plan Scenario 3: \$16 Million / Year (Staff Recommended)

	Major Corridor Study	Total Cost	Years 2 to 5	Years 6 to 10	Proposed Facility Type(s)
2016	Bloor - Dupont (Keele to Sherbourne)	\$939,000			Proposed Bike Lanes or Cycle Tracks
2017	Yonge - (Avondale to Hendon)	\$2,000,00			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Hendon to Steeles)	\$1,006,00			Proposed Bike Lanes or Cycle Tracks
	Yonge - (South of Bloor)	\$1,130,00			Proposed Bike Lanes or Cycle Tracks
	Lake Shore - (Humber to Mississauga)	\$1,066,00			Proposed Bike Lanes or Cycle Tracks
	Danforth - (Broadview to Danforth)	\$2,062,00			Proposed Bike Lanes or Cycle Tracks
2018	Yonge - (Bloor to Eglinton)	\$1,461,00			Proposed Bike Lanes or Cycle Tracks
2019	Danforth-Kingston - (Danforth to	\$2,273,00			Proposed Bike Lanes or Cycle Tracks
2020	Jane - (Steeles to south of 401)	\$2,003,00			Proposed Bike Lanes or Cycle Tracks
	Bloor - (Keele to Dundas Street West)	\$1,316,00			Proposed Bike Lanes or Cycle Tracks
2022	Midland - (Lawrence to Sheppard)	\$4,109,00			Proposed Boulevard Trail or Cycle
	Kipling - (Bloor to Waterfront Trail)	\$2,697,00			Proposed Boulevard Trail or Cycle
2023	Yonge - (Avondale to William Carson)	\$1,541,00			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Eglinton to William Carson)	\$1,541,00			Proposed Bike Lanes or Cycle Tracks
	Midland - (Sheppard to Steeles)	\$4,894,00			Proposed Boulevard Trail or Cycle
2024	Midland - (Waterfront Trail to Gattineau)	\$2,232,00			Proposed Bike Lanes or Cycle Tracks
	Kingston - (Eglinton to Highland Creek)	\$1,760,00			Proposed Bike Lanes or Cycle Tracks

LEGEND
Project not included in this scenario
Project initiated but implementation not complete
Stand alone project - no coordination
MCIC coordination Year
> Sub-project of a Major Corridor Study

	Cycling Network Project	Cost	Years 2 to 5	Years 6 to 10	Proposed Facility Type(s)
2017	Woodbine - (Queen to Lakeshore)	\$217,20			Proposed Bike Lanes or Cycle
	Mt Pleasant (St. Clair to Beltline) and St Clair (Yonge	\$197,00			Proposed Bike Lanes
	Gerrard East - (Main to Clonmore)	\$140,00			Proposed Bike Lanes
	Weston Neighbourhood Connections	\$115,00			Proposed Quiet Street Routes
	Oakwood Village Neighbourhood Connections	\$110,00			Proposed Quiet Street Routes
	Riverdale - Greenwood Neighbourhood Connections	\$95,000			Proposed Quiet Street Routes
	> Bloor - (Roncesvalles to Lansdowne)	\$177,00			Proposed Bike Lanes or Cycle
	> Bloor - (Church to Sherbourne)	\$115,00			Proposed Bike Lanes or Cycle
	Palmerston - (Queen to Dupont)	\$73,000			Proposed Quiet Street Route
	Junction Neighbourhood Connections	\$68,000			Proposed Quiet Street Route
	Wychwood Park Neighbourhood Connections	\$56,000			Proposed Quiet Street Routes
	Christie - (Bloor to Dupont)	\$49,000			Proposed Bike Lanes
	Lambton Baby Point Neighbourhood Connections	\$46,000			Proposed Quiet Street Routes
	Downsview Neighbourhood Connections	\$36,000			Proposed Quiet Street Routes
	Lansdowne - (Queen St W to Dundas St W)	\$31,000			Proposed Bike Lanes
Parliament - (Bloor to Wellesley)	\$26,000			Proposed Bike Lanes	
> Yonge - (Gerrard to Front)	\$324,00			Proposed Bike Lanes or Cycle	
2018	Flemington Park - Thornccliffe Park Neighbourhood	\$3,099,00			Various Facility Types Proposed
	College - (Lansdowne to Brock)	\$403,00			Proposed Bike Lanes or Cycle
	Westway/MartinGrove/Lawrence/St Phillips	\$345,00			Proposed Bike Lanes
	Bellamy - (Eglinton to Progress)	\$278,87			Proposed Bike Lanes or Cycle
	> Lansdowne (Bloor to Dupont)	\$270,00			Proposed Bike Lanes
	> Bloor - (Albany to Avenue)	\$312,00			Proposed Bike Lanes
Donlands - (Danforth to Millwood)	\$99,000			Proposed Bike Lanes	

2023	Morningside - (Connection over Hwy 401)	\$4,710,0					Proposed Bike Lanes or Cycle
	Wilson - (Faywood to Dufferin)	\$1,091,0					Proposed Bike Lanes or Cycle
	Finch - (Keele to Wilmington)	\$1,515,0					Proposed Bike Lanes or Cycle
	Don Valley Golf Course / Hogs Hollow Underpass / Trail	\$872,00					Proposed Major Barrier Crossing
	Senlac - (Finch to Sheppard)	\$257,00					Proposed Bike Lanes or Cycle
	Bermondsey/Sloane - (St. Clair to Lawrence)	\$1,237,0					Proposed Bike Lanes
	Parkwoods Neighbourhood Connections	\$193,00					Proposed Quiet Street Routes
	Lansing - Willowdale Neighbourhood Connections	\$134,00					Proposed Quiet Street Routes
	Woodfield - (Monarch Park to Waterfront Trail)	\$92,000					Proposed Quiet Street Route
Lawrence - (Orton Park to Kingston Road)	\$84,000					Proposed Bike Lanes or Cycle	
2024	Brown's Line/The East Mall - (North Queen to Lake	\$1,805,0					Proposed Bike Lanes or Quiet
2025	Bathurst - (Steeles to York Downs)	\$4,728,0					Proposed Boulevard Trail
	Steeles - (Markham to Bear)	\$4,726,0					Proposed Bike Lanes or Cycle
	Warden - (Hwy 401 to Bamburg Crcl)	\$4,036,0					Proposed Boulevard Trail
	Renforth - (Rathburn to Eglinton)	\$597,00					Proposed Bike Lanes
	Steeles - (Kennedy to McCowan)	\$2,462,0					Proposed Bike Lanes or Cycle
	Burnhamthorpe - (Martin Grove to Dundas)	\$2,090,0					Proposed Bike Lanes or Cycle

LEGEND

- Project not included in this scenario
- Project initiated but implementation not complete
- Stand alone project - no coordination
- MCIC coordination Year
- > Sub-project of a Major Corridor Study

	Walsh/Wilson/Beverley Hills	\$126,00				Proposed Bike Lanes or Cycle
	Parkdale Neighbourhood Connections	\$263,00				Proposed Quiet Street Routes
2019	Scarlett - (Dundas to Eglinton)	\$95,000				Proposed Bike Lanes
	Willowdale - (Avondale to Steeles)	\$108,00				Proposed Bike Lanes
	Scott/Beechborough/Castlefield	\$101,00				Proposed Bike Lanes or Quiet
	Dovercourt - (Sudbury to Davenport)	\$197,00				Proposed Bike Lanes or Quiet
	York University Connections	\$223,00				Various Facility Types Proposed
	Wilmington, Overbrook, Steepprock	\$169,00				Proposed Bike Lanes
	Yonge & Lawrence Neighbourhood Connections	\$380,00				Proposed Bike Lanes or Quiet
	Dufferin/Ranee/Flemington/Blossomfield/Varna	\$484,00				Various Facility Types Proposed
	Adelaide - (Church to Power)	\$923,00				Existing R-A Cycle Track to be
	Dundas - (Royal York to Scarlett) and St Clair - (\$1,267,0				Proposed Bike lanes
	Eglinton - (Kennedy to Kingston)	\$1,082,0				Proposed Bike Lanes or Cycle
	Don River / DVP Crossing - (Richmond-Adelaide to	\$1,436,0				Proposed Major Barrier Crossing
	Cummer/McNicoll - (Yonge to Pharmacy)	\$217,00				Proposed Bike Lanes or Quiet
	North Queen - (Mississauga to Kipling)	\$207,00				Proposed Bike Lanes
	Glencairn - (Calidonia to Yonge)	\$36,000				Proposed Quiet Street Route
Kipling Heights Neighbourhood Connections	\$35,000				Proposed Quiet Street routes	
Mount Pleasant Rd - (Snowdon to Lawrence)	\$29,000				Proposed Bike Lanes or Quiet	
Vaughan - (Winona to Eglinton)	\$20,000				Proposed Bike Lane or Quiet	
2020	Waterfront Trail - Kingston Improvements	\$714,00				Proposed Bike Lane or Cycle
	Warden Station connecting links	\$585,00				Proposed Boulevard Trail
	Forest Hill Neighbourhood Connections	\$377,00				Proposed Quiet Street Routes
	Dowling - (Waterfront Trail to Queen)	\$471,00				Proposed Quiet Street Routes
	King West Neighbourhood Connections	\$217,00				Proposed Quiet Street Routes
	Borden/Howland - (College to Dupont)	\$280,00				Proposed Quiet Street Routes
	Victoria Park - (Gerrard to Gatineau Trail)	\$212,00				Proposed Bike Lane or Cycle
	East York Neighbourhood Connections	\$464,00				Proposed Bike Lane or Quiet
	Davisville Manor, Parkhurst, Sutherland, Cleveland, and	\$253,00				Proposed Bike Lane or Quiet
	McLevin - (Sheppard to Scarborough Railpath)	\$183,00				Proposed Bike Lanes
	Royal York Neighbourhood Connections	\$59,000				Proposed Quiet Street Routes
	Finch Ave West - (Middlefield to Nielson)	\$131,00				Proposed Bike Lanes or Cycle
	Trethewey - (Eglinton to Jane)	\$131,00				Proposed Bike Lanes
	Islington Neighbourhood Connections	\$116,00				Proposed Quiet Street Routes
	Port Union - (Sheppard to Waterfront Trail)	\$109,00				Proposed Bike Lanes
	St Clair - (O'Connor to Victoria Park)	\$108,00				Proposed Bike Lanes or Cycle
	Chesswood/Champagne - (Sheppard to Finch Trail)	\$106,00				Proposed Bike Lanes
	Faywood - (Sheppard to Wilson)	\$94,000				Proposed Bike Lanes
	Norseman - (Kipling to Royal York)	\$85,000				Proposed Bike Lanes
	Bridle Path Neighbourhood Connections	\$82,000				Proposed Quiet Street Routes
Military Trail/Lawson - (Conlins to Port Union)	\$78,000				Proposed Bike Lanes or Quiet	
Moore - (Bayview to Don Valley)	\$77,000				Proposed Bike Lanes or Cycle	
Havelock/Bartlett - (Bloor to Davenport)	\$71,000				Proposed Quiet Street Route	
York/Elmwood - (Senlac to Burbank)	\$71,000				Proposed Bike Lanes or Quiet	
Bayview - (Moore to Pottery Road)	\$59,000				Proposed Roadway	
Florence/Avondale - (Willowdale to Easton)	\$39,000				Proposed Quiet Street Routes	
2021	Gordon Baker/Glendingning/Passmore	\$780,00				Proposed Quiet Street Route
	Highway 401 Tunnel to Hydro Corridor (Cavehill &	\$800,00				Proposed Major Barrier Crossing
	York Downs/Armour/Bombay/Avenue/Ridley	\$539,00				Proposed Bike Lanes or Quiet
	Rustic/Culford/Bridgeland	\$378,00				Proposed Bike Lanes or Quiet
	Progress - (Midland to Sheppard)	\$271,00				Proposed Bike Lanes or Cycle
	Middlefield - (McCowan to Steeles)	\$222,00				Proposed Bike Lanes
	Drewry/Cummer - (Yonge to Finch Trail)	\$166,00				Proposed Bike Lanes or Quiet
	Bayview Village Neighbourhood Connections	\$144,00				Proposed Quiet Street Routes
	Brian/Old Sheppard/Huntingwood	\$131,00				Proposed Bike Lanes or Quiet
	Princess Margaret Neighbourhood Connections	\$81,000				Proposed Quiet Street Route
	Carlaw - (Danforth to Lake Shore)	\$75,000				Proposed Bike Lanes
	Wincott - (Midland Smart Track Connection)	\$58,000				Proposed Quiet Street Route
Dorcot - (Midland Smart Track Connection)	\$13,000				Proposed Quiet Street Route	
Winona - (Davenport to Roselawn)	\$92,000				Proposed Quiet Street Route	
2022	Ellesmere - (McCowan to Conlins)	\$3,657,0				Proposed Cycle Tracks or
	Graydon Hall-Don Mills Neighbourhood Connections	\$472,00				Proposed Quiet Street Routes
	Dufferin - (Finch Hydro Trail to Steeles)	\$1,343,0				Proposed Boulevard Trail
	CityPlace Neighbourhood Connections	\$292,00				Proposed Bike Lanes
	Martin Grove - (Rathburn to South of Burnamthorpe)	\$34,000				Proposed Bike Lanes

City of Toronto Cycling Network Plan

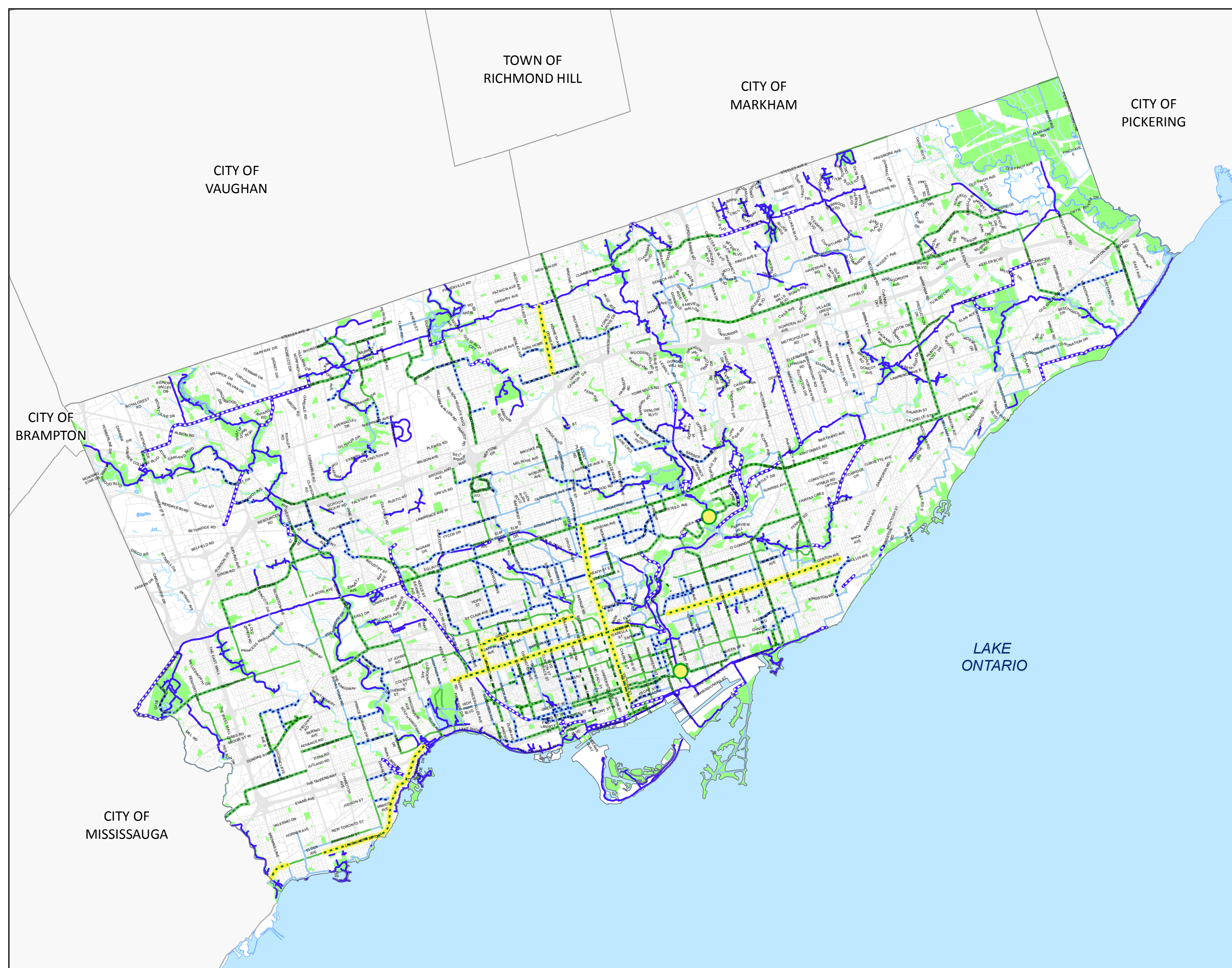
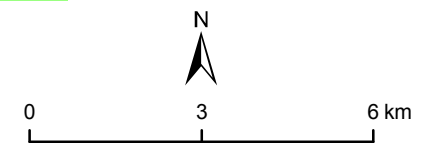
Scenario 3: \$16M/year Years 0-5

Legend

- Cycling Network and Trails Plan
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - Major Corridor Studies

- Existing Cycling Network
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes

- Rail Lines
- Freeways
- Major Roads
- Arterial Road Network
- Green Spaces



CITY OF VAUGHAN

TOWN OF RICHMOND HILL

CITY OF MARKHAM

CITY OF PICKERING

CITY OF BRAMPTON

CITY OF MISSISSAUGA

LAKE ONTARIO

City of Toronto Cycling Network Plan

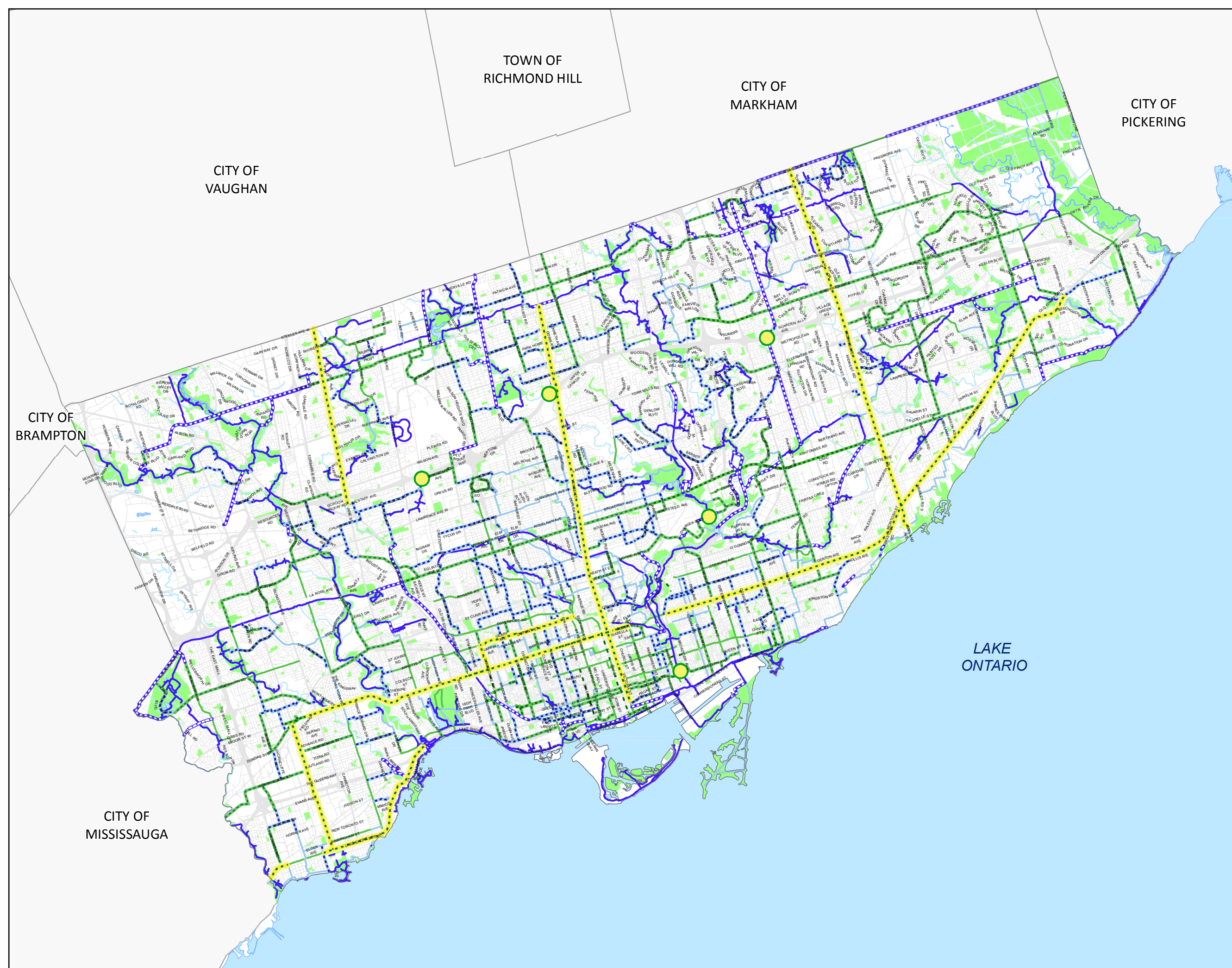
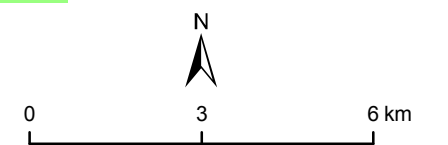
Scenario 3: \$16M/year Years 6-10

Legend

- Cycling Network and Trails Plan
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - Major Corridor Studies

- Existing Cycling Network
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes

- Rail Lines
- Freeways
- Major Roads
- Arterial Road Network
- Green Spaces



CITY OF VAUGHAN

TOWN OF RICHMOND HILL
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CITY OF BRAMPTON

CITY OF MISSISSAUGA

LAKE ONTARIO

Scenario 4: \$20M /Year Spending

Scenario 4: \$20M /Year Spending												
YEAR		APPROVED TRAILS			ON-STREET CYCLING NETWORK 10 YEAR PLAN						BIKE PARKING	TOTAL *
					CONNECT - GROW PROJECTS			RENEW PROJECTS	Subtotal**			
		New*	Upgrades**	Subtotal*	MCIC Related Projects	Major Corridor Studies	Other On-Street Cycling Network Projects					
2017	2	\$5.0 M	\$1.0 M	\$6.0 M	\$3.4 M	\$0.9 M	\$0.7 M	\$0.0 M	\$5.0 M	\$1 M	\$12.0 M	
2018	3	\$5.0 M	\$1.0 M	\$6.0 M	\$7.1 M	\$1.4 M	\$2.8 M	\$0.3 M	\$11.3 M	\$1 M	\$18.0 M	
2019	4	\$5.0 M	\$1.0 M	\$6.0 M	\$2.8 M	\$1.7 M	\$8.2 M	\$0.2 M	\$12.8 M	\$1 M	\$20.0 M	
2020	5	\$5.0 M	\$1.0 M	\$6.0 M	\$1.6 M	\$2.8 M	\$8.4 M	\$0.2 M	\$12.8 M	\$1 M	\$20.0 M	
2021	6	\$5.0 M	\$1.0 M	\$6.0 M	\$0.1 M	\$4.4 M	\$8.2 M	\$0.3 M	\$12.7 M	\$1 M	\$20.0 M	
2022	7	\$5.0 M	\$1.0 M	\$6.0 M	\$0.0 M	\$3.5 M	\$8.0 M	\$1.5 M	\$11.5 M	\$1 M	\$20.0 M	
2023	8	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$3.8 M	\$9.0 M	\$2.7 M	\$12.8 M	\$1 M	\$20.0 M	
2024	9	\$2.5 M	\$1.0 M	\$3.5 M	\$0.0 M	\$8.2 M	\$3.6 M	\$3.7 M	\$11.8 M	\$1 M	\$20.0 M	
TOTAL		\$35.0 M	\$8.0 M	\$43.0 M	\$15.0 M	\$26.7 M	\$49.0 M	\$9.0 M	\$90.6 M	\$8 M	\$150.0 M	

Scenario 4: Network Growth

% Target of On-Street Network Installed	CYCLING NETWORK GROWTH (KM)						RESOURCES (Included in Network Budget Scenario)	NEW FTE
	MCIC Co-ordinated projects (km)	Major Corridor Studies (km)	CNP Trails (km)	Cycle Tracks and Bike Lanes (km)	Quiet Street Routes (km)	Installed Annual Subtotal (km)	Study Costs + Eng&CA	
5%							\$2,188,000	4
17%							\$3,536,000	4
30%							\$1,288,000	2
43%	65.4	11	22.9	237.2	167.9	428.0	\$3,663,000	-
56%							\$3,374,000	-
68%							\$2,323,000	-
81%							\$132,000	-
93%	1.8	5	30.6	39.8	19.7	90.1	\$22,000	-
100%	67.2	16	53.5	277	187.6	518.1	\$16,526,000	10

Appendix E - City of Toronto Ten Year Cycling Network Plan

Scenario 4: \$ 20 Million / Year

	Major Corridor Study	Cost			Proposed Facility Type(s)
2016	Bloor - Dupont (Keele to Sherbourne)	\$939,000			Proposed Bike Lanes or Cycle Tracks
2017	Yonge - (Avondale to Hendon)	\$2,000,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Hendon to Steeles)	\$1,006,000			Proposed Bike Lanes or Cycle Tracks
	Lake Shore - (Humber to Mississauga)	\$1,066,000			Proposed Bike Lanes or Cycle Tracks
	Danforth - (Broadview to Danforth Road)	\$2,062,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (South of Bloor)	\$1,130,000			Proposed Bike Lanes or Cycle Tracks
2018	Yonge - (Bloor to Eglinton)	\$1,461,000			Proposed Bike Lanes or Cycle Tracks
2019	Danforth-Kingston - (Danforth to Eglinton)	\$2,273,000			Proposed Bike Lanes or Cycle Tracks
2020	Jane - (Steeles to south of 401)	\$2,003,000			Proposed Bike Lanes or Cycle Tracks
	Kipling - (Bloor to Waterfront Trail)	\$2,697,000			Proposed Boulevard Trail or Cycle
	Bloor - (Keele to Dundas Street West)	\$1,316,000			Proposed Bike Lanes or Cycle Tracks
2021	Midland - (Lawrence to Sheppard)	\$4,109,000			Proposed Boulevard Trail or Cycle
2022	Kingston - (Eglinton to Highland Creek)	\$1,760,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Avondale to William Carson)	\$3,053,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Eglinton to William Carson)	\$1,541,000			Proposed Bike Lanes or Cycle Tracks
2023	Midland - (Waterfront Trail to Gataineau)	\$2,232,000			Proposed Bike Lanes or Cycle Tracks
	Midland - (Sheppard to Steeles)	\$4,894,000			Proposed Boulevard Trail or Cycle

LEGEND
Project not included in this scenario
Project initiated but implementation not complete
Stand alone project - no coordination
MCIC coordination Year
> Sub-project of a Major Corridor Study

	Cycling Network Project	Cost	Years 2 to 5	Years 6 to 9	Proposed Facility Types
2017	CityPlace Neighbourhood Connections	\$292,00			Proposed Bike Lanes
	Woodbine Queen to Lakeshore	\$217,20			Proposed Bike Lanes or Cycle
	Mt Pleasant (St. Clair to Beltline) and St Clair (Yonge to Gerrard East - (Main to Clonmore)	\$197,00			Proposed Bike Lanes
	Weston Neighbourhood Connections	\$115,00			Proposed Quiet Street Routes
	Oakwood Village Neighbourhood Connections	\$110,00			Proposed Quiet Street Routes
	Riverdale - Greenwood Neighbourhood Connections	\$95,000			Proposed Quiet Street Routes
	Wychwood Park Neighbourhood Connections	\$56,000			Proposed Quiet Street Routes
	> Bloor, Church to Sherbourne	\$115,00			Proposed Bike Lanes or Cycle
	> Bloor, Roncesvalles to Lansdowne	\$177,00			Proposed Bike Lanes
	Christie - (Bloor to Dupont)	\$49,000			Proposed Bike Lanes
Parliament - (Bloor to Wellesely)	\$26,000			Proposed Bike Lanes	
2018	> Yonge - (Gerrard to Front)	\$324,00			Proposed Bike Lanes or Cycle
	Flemingdon Park - Thorncliffe Park Neighbourhood	\$3,099,0			Various Facility Types Proposed
	College - (Lansdowne to Brock)	\$403,00			Proposed Bike Lanes or Cycle
	Westway/Martin Grove/Lawrence/St Phillips	\$345,00			Proposed Bike Lanes
	Bellamy - (Eglinton to Progress)	\$278,87			Proposed Bike Lanes or Cycle
	Dovercourt - (Sudbury to Davenport)	\$197,00			Proposed Bike Lanes or Quiet
	> Bloor, Albany to Avenue	\$312,00			Proposed Bike Lanes
	> Lansdowne - (Queen St W to Dundas St W)	\$270,00			Proposed Bike Lanes
	Cummer/McNicoll - (Yonge to Pharmacy)	\$217,00			Proposed Bike Lanes or Quiet
	McLevin - (Sheppard to Scarborough Railpath)	\$183,00			Proposed Bike Lanes
	Bayview Village Neighbourhood Connections	\$144,00			Proposed Quiet Street Routes
	Walsh/Wilson/Beverley Hills	\$126,00			Proposed Bike Lanes or Cycle
	Islington Neighbourhood Connections	\$116,00			Proposed Quiet Street Routes
Donlands - (Danforth to Millwood)	\$99,000			Proposed Bike Lanes	

	Junction Neighbourhood Connections	\$68,000				Proposed Quiet Street Routes
	Lansdowne Ave - Queen St W to Dundas St W	\$31,000				Proposed Bike Lanes or Cycle
	Downsview Neighbourhood Connections	\$36,000				Proposed Quiet Street Routes
	Mount Pleasant Rd - (Snowdon to Lawrence)	\$29,000				Proposed Bike Lanes or Quiet
2019	Don River / DVP Crossing (Richmond-Adelaide to Dundas - (Royal York to Scarlett) and St Clair - (Eglinton - (Kennedy to Kingston)	\$1,436,0				Proposed Major Barrier Crossing
	Adelaide - (Chruch to Power)	\$1,267,0				Proposed Bike lanes
	Dufferin/Ranee/Flemington/Blossomfield/Varna Dowling - Waterfront Trail to Queen	\$1,082,0				Proposed Bike Lanes or Cycle
	Yonge & Lawrence Neighbourhood Connections	\$923,00				Existing R-A Cycle Track to be
	King West Neighbourhood Connections	\$484,00				Various Facility Types Proposed
	Borden/Howland - (College to Dupont)	\$471,00				Proposed Quiet Street Routes
	Progress - (Midland to Sheppard)	\$380,00				Proposed Bike Lanes or Quiet
	York University Connections	\$271,00				Proposed Quiet Street Routes
	Wilmington, Overbrook, Steeprook	\$217,00				Proposed Quiet Street Routes
	North Queen - (Mississauga to Kipling)	\$280,00				Proposed Quiet Street Routes
	Scott/Beechborough/Castlefield	\$271,00				Proposed Bike Lanes or Cycle
	Willowdale - (Avondale to Steeles)	\$223,00				Various Facility Types Proposed
	Scarlett - (Dundas to Eglinton)	\$169,00				Proposed Bike Lanes
	Glencairn - (Calidonia to Yonge)	\$207,00				Proposed Bike Lanes
	Kipling Heights Neighbourhood Connections	\$101,00				Proposed Bike Lanes or Quiet
	Vaughan - (Winona to Eglinton)	\$108,00				Proposed Bike Lanes
		\$95,000				Proposed Bike Lanes
		\$36,000				Proposed Quiet Street Route
		\$35,000				Proposed Quiet Street Route
		\$20,000				Proposed Bike Lanes or Quiet
2020	Morningside - (Connection over Hwy 401)	\$4,710,0				Proposed Bike Lanes or Cycle
	Ellesmere - (McCowan to Conlins)	\$3,657,0				Proposed Cycle Tracks or
	Wilson - (Faywood to Dufferin)	\$1,091,0				Proposed Bike Lanes or Cycle
	Warden Station connecting links	\$585,00				Proposed Boulevard Trail
	Forest Hill Neighbourhood Connections	\$377,00				Proposed Quiet Street Routes
	Victoria Park - (Gerrard to Gataineau Trail)	\$212,00				Proposed Bike Lanes or Cycle
	East York Neighbourhood Connections	\$464,00				Proposed Bike Lane or Quiet
	Drewry/Cummer - (Yonge to Finch Trail)	\$166,00				Proposed Bike Lanes or Quiet
	Lansing - Willowdale Neighbourhood Connections	\$134,00				Proposed Quiet Street Routes
	Trethewey - (Eglinton to Jane)	\$131,00				Proposed Bike Lanes
	Brian/Old Sheppard/Huntingwood	\$131,00				Proposed Bike Lanes or Quiet
	Port Union - (Sheppard to Waterfront Trail)	\$109,00				Proposed Bike Lanes
	St Clair - (O'Connor to Victoria Park)	\$108,00				Proposed Bike Lanes or Cycle
	Chesswood/Champagne - (Sheppard to Finch Trail)	\$106,00				Proposed Bike Lanes
	Faywood - (Sheppard to Wilson)	\$94,000				Proposed Bike Lanes
	Norseman - (Kipling to Royal York)	\$85,000				Proposed Bike Lanes
	Lawrence - (Orton Park to Kingston Road)	\$84,000				Proposed Bike Lanes or Cycle
	Bridle Path Neighbourhood Connections	\$82,000				Proposed Quiet Street Routes
	Military Trail/Lawson - (Conlins to Port Union)	\$78,000				Proposed Bike Lanes or Quiet
	Havelock/Bartlett - (Bloor to Davenport)	\$71,000				Proposed Quiet Street Route
York/Elmwood - (Senlac to Burbank)	\$71,000				Proposed Bike Lanes or Quiet	
Bayview - (Moore to Pottery Road)	\$59,000				Proposed Roadway Improvements	
Wincott - (Midland Smart Track Connection)	\$58,000				Proposed Quiet Street Route	
Florence/Avondale - (Willowdale to Easton)	\$39,000				Proposed Quiet Street Routes	
Martin Grove - (Rathburn to South of Burnamthorpe)	\$34,000				Proposed Bike Lanes	
Dorcot - (Midland Smart Track Connection)	\$13,000				Proposed Quiet Street Route	
2021	Gordon Baker/Glendingning/Passmore	\$780,00				Proposed Quiet Street Routes
	Bermondsey/Sloane - (St. Clair to Lawrence)	\$1,237,0				Proposed Bike Lanes
	Don Valley Golf Course / Hogs Hollow Underpass / Trail	\$872,00				Proposed Major Barrier Crossing
	Highway 401 Tunnel to Hydro Corridor (Cavehill & Crocus	\$800,00				Proposed Major Barrier Crossing
	York Downs/Armour/Bombay/Avenue/Ridley	\$539,00				Proposed Bike Lanes or Quiet
	Rustic/Culford/Bridgeland	\$378,00				Proposed Bike Lanes or Quiet
	Davisville Manor, Parkhurst, Sutherland, Cleveland, and Parkdale Neighbourhood Connections	\$253,00				Proposed Bike Lane or Quiet
	Middlefield - (McCowan to Steeles)	\$263,00				Proposed Quiet Street Routes
	Finch - (Keele to Wilmington)	\$222,00				Proposed Bike Lanes
	Woodfield - (Monarch Park to Waterfront Trail)	\$1,515,0				Proposed Bike Lanes or Cycle
	Princess Margaret Neighbourhood Connections	\$92,000				Proposed Quiet Street Routes
	Moore - (Bayview to Don Valley)	\$81,000				Proposed Quiet Street Route
	Carlaw - (Danforth to Lake Shore)	\$77,000				Proposed Bike Lanes or Cycle
	Palmerston - (Queen to Dupont)	\$75,000				Proposed Bike Lanes
Royal York Neighbourhood Connections	\$73,000				Proposed Quiet Street Routes	
		\$59,000				Proposed Quiet Street Routes

	Lambton Baby Point Neighbourhood Connections	\$46,000							Proposed Quiet Street Routes
2022	Warden - (Hwy 401 to Bamburgh Crcl)	\$4,036,0							Proposed Boulevard Trail
	Finch Ave West - (Middlefield to Nielson)	\$131,00							Proposed Bike Lanes or Cycle
	Parkwoods Neighbourhood Connections	\$193,00							Proposed Quiet Street Routes
	Waterfront Trail - Kingston Improvements	\$714,00							Proposed Bike Lanes or Cycle
	Dufferin - (Finch Hydro Trail to Steeles)	\$1,343,0							Proposed Boulevard Trail
2023	Bathurst -(Steeles to York Downs)	\$4,728,0							Proposed Boulevard Trail
	Graydon Hall-Don Mills Neighbourhood Connections	\$472,00							Proposed Quiet Street Routes
	Steeles - (Kennedy to McCowan)	\$2,462,0							Proposed Bike Lanes or Cycle
	Burnhamthorpe - (Martin Grove to Dundas)	\$2,090,0							Proposed Bike Lanes or Cycle
2024	Steeles - (Markham to Bear)	\$4,726,0							Proposed Bike Lanes or Cycle
	Brown's Line/The East Mall - (North Queen to Lake	\$1,805,0							Proposed Bike Lanes or Quiet
	Renforth - (Rathburn to Eglinton)	\$597,00							Proposed Bike Lanes
	Senlac - (Finch to Sheppard)	\$257,00							Proposed Bike Lanes or Cycle
	Winona - (Davenport to Roselawn)	\$92,000							Proposed Quiet Street Route

LEGEND	
Project not included in this scenario	
Project initiated but implementation not complete	
Stand alone project - no coordination	
MCIC coordination Year	
> Sub-project of a Major Corridor Study	

City of Toronto Cycling Network Plan

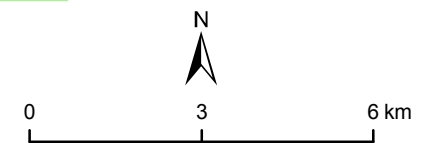
Scenario 4: \$20M/year Years 0-5

Legend

- Cycling Network and Trails Plan**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - Major Corridor Studies

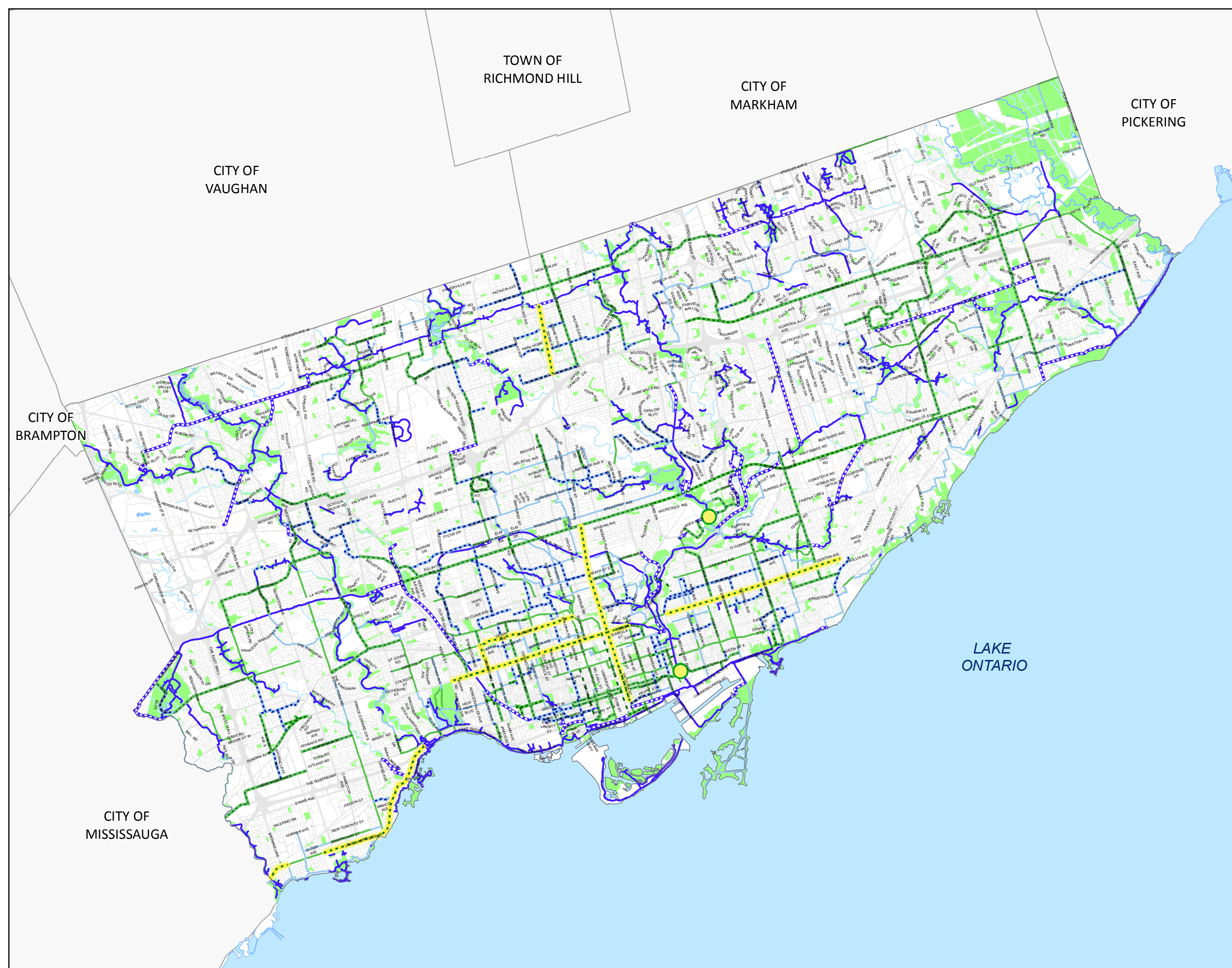
- Existing Cycling Network**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes

- Rail Lines
- Freeways
- Major Roads
- Arterial Road Network
- Green Spaces



Data source: City of Toronto / IBI Group, 2016
Projection: NAD 1927 MTM 3

Date: April 2016
Cartography: Vélo Québec



CITY OF BRAMPTON

CITY OF VAUGHAN

TOWN OF RICHMOND HILL

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City of Toronto Cycling Network Plan

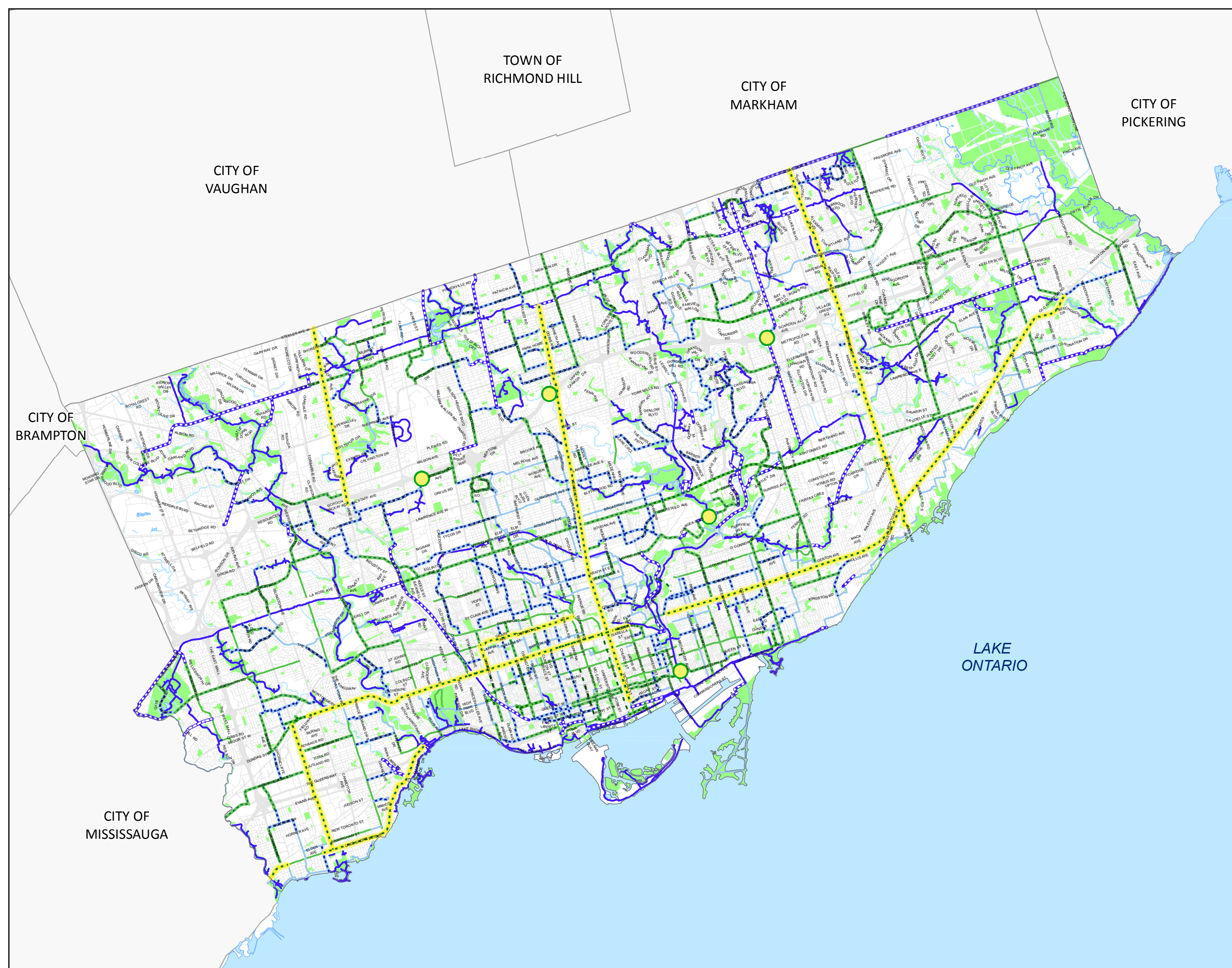
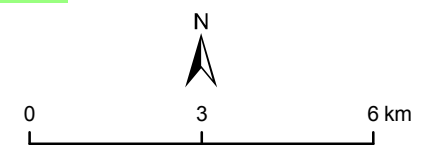
Scenario 4: \$20M/year Years 6-10

Legend

- Cycling Network and Trails Plan**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - Major Corridor Studies

- Existing Cycling Network**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes

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Scenario 5: \$25M /year Spending

ON-STREET CYCLING NETWORK 10 YEAR PLAN												
YEAR		APPROVED TRAILS			CONNECT - GROW PROJECTS					BIKE PARKING	TOTAL*	
		New*	Upgrades**	Subtotal*	MCIC Related Projects	Major Corridor Studies	Other On-Street Cycling Network Projects	RENEW PROJECTS	Subtotal**			
2017	2	\$5.0 M	\$1.0 M	\$6.0 M	\$2.5 M	\$0.3 M	\$2.3 M	-0.05 M	\$5.1 M	\$1 M	\$12.0 M	
2018	3	\$5.0 M	\$1.0 M	\$6.0 M	\$6.9 M	\$0.8 M	\$2.7 M	0.57 M	\$10.4 M	\$1 M	\$18.0 M	
2019	4	\$5.0 M	\$1.0 M	\$6.0 M	\$4.8 M	\$2.3 M	\$10.9 M	0.01 M	\$18.0 M	\$1 M	\$25.0 M	
2020	5	\$5.0 M	\$1.0 M	\$6.0 M	\$1.6 M	\$3.9 M	\$12.8 M	-0.32 M	\$18.3 M	\$1 M	\$25.0 M	
2021	6	\$5.0 M	\$1.0 M	\$6.0 M	\$0.1 M	\$4.9 M	\$12.6 M	0.37 M	\$17.6 M	\$1 M	\$25.0 M	
2022	7	\$5.0 M	\$1.0 M	\$6.0 M	\$0.0 M	\$8.9 M	\$8.0 M	1.05 M	\$16.9 M	\$1 M	\$25.0 M	
2023	8	\$2.5 M	\$1.5 M	\$4.0 M	\$0.0 M	\$4.0 M	\$0.6 M	15.40 M	\$4.6 M	\$1 M	\$25.0 M	
TOTAL		\$32.5 M	\$7.5 M	\$40.0 M	\$15.9 M	\$25.0 M	\$50.1 M	17.02 M	\$91.0 M	\$7 M	\$155.0 M	

Scenario 5: Network Growth

% Target of On-Street Network Installed	CYCLING NETWORK GROWTH (KM)						RESOURCES (Included in Network Budget Capex)	NEW FTE
	MCIC Co-ordinated projects (km)	Major Corridor Studies (km)	CNP Trails (km)	Cycle Tracks and Bike Lanes (km)	Quiet Street Routes (km)	Installed Annual Subtotal (km)	Study Costs + Eng&CA	
5%							\$1,589,000	4
16%							\$4,344,000	4
34%							\$3,173,000	4
53%	65.4	11	33.9	246.8	166.5	447.2	\$3,375,000	-
71%							\$3,726,000	-
89%							\$1,735,000	-
93%	1.8	5	19.6	30.2	21.2	71.0	\$105,000	-
100%	67.2	16	53.5	277	187.7	518.2	\$18,047,000	12

Appendix E - City of Toronto Ten Year Cycling Network Plan

Scenario 5: \$ 25 Million / Year

	Major Corridor Study	Cost	Years 2 to 5	Years 6 to 8	Proposed Facility Type(s)
2016	Bloor - Dupont (Keele to Sherbourne)	\$939,000			Proposed Bike Lanes or Cycle Tracks
2017	Yonge - (Avondale to Hendon)	\$2,000,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (Hendon to Steeles)	\$1,006,000			Proposed Bike Lanes or Cycle Tracks
	Lake Shore - (Humber to Mississauga)	\$1,066,000			Proposed Bike Lanes or Cycle Tracks
	Yonge - (South of Bloor)	\$1,130,000			Proposed Bike Lanes or Cycle Tracks
	Danforth - (Broadview to Danforth Road)	\$2,062,000			Proposed Bike Lanes or Cycle Tracks
2018	Yonge - (Bloor to Eglinton)	\$1,461,000			Proposed Bike Lanes or Cycle Tracks
2019	Jane - (Steeles to south of 401)	\$2,003,000			Proposed Bike Lanes or Cycle Tracks
	Danforth-Kingston - (Danforth to Eglinton)	\$2,273,000			Proposed Bike Lanes or Cycle Tracks
	Bloor - (Keele to Dundas Street West)	\$1,316,000			Proposed Bike Lanes or Cycle Tracks
2020	Kipling - (Bloor to Waterfront Trail)	\$2,697,000			Proposed Boulevard Trail or Cycle Tracks
	Kingston - (Eglinton to Highland Creek Trail)	\$1,760,000			Proposed Bike Lanes or Cycle Tracks
2021	Yonge - (Eglinton to William Carson)	\$1,541,000			Proposed Bike Lanes or Cycle Tracks
	Midland - (Waterfront Trail to Gataineau Trail)	\$2,232,000			Proposed Bike Lanes or Cycle Tracks
	Midland - (Sheppard to Steeles)	\$4,894,000			Proposed Boulevard Trail or Cycle Tracks
	Midland - (Lawrence to Sheppard)	\$4,109,000			Proposed Boulevard Trail or Cycle Tracks
2023	Yonge - (Avondale to William Carson)	\$3,053,000			Proposed Bike Lanes or Cycle Tracks

LEGEND
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MCIC coordination Year
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	Cycling Network Project	Cost	Years 2 to 5	Years 6 to 8	Proposed Facility Type(s)
2017	Renforth - (Rathburn to Eglinton)	\$597,000			Proposed Bike Lanes
	CityPlace Neighbourhood Connections	\$292,000			Proposed Bike Lanes
	Woodbine - (Queen to Lakeshore)	\$217,200			Proposed Bike Lanes or Cycle
	Mt Pleasant (St. Clair to Beltline) and St Clair (Yonge to Mt	\$197,000			Proposed Bike Lanes or Cycle
	Gerrard East - (Main to Clonmore)	\$140,000			Proposed Bike Lanes or Cycle
	Riverdale - Greenwood Neighbourhood Connections	\$95,000			Proposed Quiet Street Routes
	> Bloor - (Roncesvalles to Lansdowne)	\$177,000			Proposed Bike Lanes or Cycle
	> Bloor - (Church to Sherbourne)	\$115,000			Proposed Bike Lanes or Cycle
	Palmerston - (Queen to Dupont)	\$73,000			Proposed Quiet Street Routes
	Wychwood Park Neighbourhood Connections	\$56,000			Proposed Quiet Street Routes
	Christie - (Bloor to Dupont)	\$49,000			Proposed Bike Lanes
Parliament - (Bloor to Wellesley)	\$26,000			Proposed Bike Lanes	
2018	Flemingdon Park - Thorncliffe Park Neighbourhood	\$3,099,0			Various Facility Types Proposed
	College - (Lansdowne to Brock)	\$403,000			Proposed Bike Lanes or Cycle
	Westway/Martin Grove/Lawrence/St Phillips	\$345,000			Proposed Bike Lanes
	Bellamy - (Eglinton to Progress)	\$278,871			Proposed Bike Lanes or Cycle
	> Yonge - (Gerrard to Front)	\$324,000			Proposed Bike Lanes or Cycle
	McLevin - (Sheppard to Scarborough Railpath)	\$183,000			Proposed Bike Lanes
	Walsh/Wilson/Beverley Hills	\$126,000			Proposed Bike Lanes or Cycle
	Donlands - (Danforth to Millwood)	\$99,000			Proposed Bike Lanes
	Junction Neighbourhood Connections	\$68,000			Proposed Quiet Street Routes
	Lambton Baby Point Neighbourhood Connections	\$46,000			Proposed Quiet Street Routes
	Lansdowne Ave - Queen St W to Dundas St W	\$31,000			Proposed Bike Lanes
	Glencairn - (Calidonia to Yonge)	\$36,000			Proposed Quiet Street Route
> Lansdowne - (Queen St W to Dundas St W)	\$270,000			Proposed Bike Lanes	
> Bloor, Albany to Avenue	\$312,000			Proposed Bike Lanes	

2019	Dovercourt - (Sudbury to Davenport)	\$197,000					Proposed Bike Lanes or Quiet Street
	Don River / DVP Crossing (Richmond-Adelaide to Eastern)	\$1,436,0					Proposed Major Barrier Crossing
	Dundas - (Royal York to Scarlett) and St Clair - (Runnymede)	\$1,267,0					Proposed Bike lanes
	Eglinton - (Kennedy to Kingston)	\$1,082,0					Proposed Bike Lanes or Cycle
	Adelaide - (Church to Power)	\$923,000					Existing R-A Cycle Track to be
	Dufferin/Ranee/Flemington/Blossomfield/Varna	\$484,000					Various Facility Types Proposed
	Dowling - (Waterfront Trail to Queen)	\$471,000					Proposed Quiet Street Routes
	Yonge & Lawrence Neighbourhood Connections	\$380,000					Proposed Bike Lanes or Quiet Street
	King West Neighbourhood Connections	\$217,000					Proposed Quiet Street Routes
	Borden/Howland - (College to Dupont)	\$280,000					Proposed Quiet Street Routes
	Progress - (Midland to Sheppard)	\$271,000					Proposed Bike Lanes or Cycle
	York University Connections	\$223,000					Various Facility Types Proposed
	Wilmington, Overbrook, Steepprock	\$169,000					Proposed Bike Lanes
	North Queen - (Mississauga to Kipling)	\$207,000					Proposed Bike Lanes
	Finch Ave West - (Middlefield to Nielson)	\$131,000					Proposed Bike Lanes or Cycle
	Weston Neighbourhood Connections	\$115,000					Proposed Bike Lanes or Cycle
	Oakwood Village Neighbourhood Connections	\$110,000					Proposed Quiet Street Routes
	Trethewey - (Eglinton to Jane)	\$131,000					Proposed Bike Lanes
	Brian/Old Sheppard/Huntingwood	\$131,000					Proposed Bike Lanes or Quiet Street
	Islington Neighbourhood Connections	\$116,000					Proposed Quiet Street Routes
	Willowdale - (Avondale to Steeles)	\$108,000					Proposed Bike Lanes
	Scott/Beechborough/Castlefield	\$101,000					Proposed Bike Lanes or Quiet Street
	Scarlett - (Dundas to Eglinton)	\$95,000					Proposed Bike Lanes
Lawrence - (Orton Park to Kingston Road)	\$84,000					Proposed Bike Lanes or Cycle	
Kipling Heights Neighbourhood Connections	\$35,000					Proposed Quiet Street Route	
Vaughan - (Winona to Eglinton)	\$20,000					Proposed Bike Lanes or Quiet Street	
2020	Bathurst (Steeles to York Downs)	\$4,728,0					Proposed Boulevard Trail
	Morningside - (Connection over Hwy 401)	\$4,710,0					Proposed Bike Lanes or Cycle
	Ellesmere - (McCowan to Conlins)	\$3,657,0					Proposed Cycle Tracks or Boulevard
	Waterfront Trail - Kingston Improvements	\$714,000					Proposed Bike Lanes or Cycle
	Bermondsey/Sloane - (St. Clair to Lawrence)	\$1,237,0					Proposed Bike Lanes
	Warden Station connecting links	\$585,000					Proposed Boulevard Trail
	Forest Hill Neighbourhood Connections	\$377,000					Proposed Quiet Street Routes
	Victoria Park - (Gerrard to Gatineau Trail)	\$212,000					Proposed Bike Lanes or Cycle
	East York Neighbourhood Connections	\$464,000					Proposed Bike Lane or Quiet Street
	Parkwoods Neighbourhood Connections	\$193,000					Proposed Quiet Street Routes
	Faywood - (Sheppard to Wilson)	\$94,000					Proposed Bike Lanes
	York/Elmwood - (Senlac to Burbank)	\$71,000					Proposed Bike Lanes or Quiet Street
	Finch Ave West - (Keele to Wilmington)	\$131,000					Proposed Bike Lanes or Cycle
	Bayview - (Moore to Pottery Road)	\$59,000					Proposed Roadway Improvements
Florence/Avondale - (Willowdale to Easton)	\$39,000					Proposed Quiet Street Routes	
Downsview Neighbourhood Connections	\$36,000					Proposed Quiet Street Routes	
Mount Pleasant Rd - (Snowdon to Lawrence)	\$29,000					Proposed Bike Lanes or Quiet Street	
2021	Warden - (Hwy 401 to Bamburgh Crcl)	\$4,036,0					Proposed Boulevard Trail
	Wilson - (Faywood to Dufferin)	\$1,091,0					Proposed Bike Lanes or Cycle
	Graydon Hall-Don Mills Neighbourhood Connections	\$472,000					Proposed Quiet Street Routes
	Steeles - (Kennedy to McCowan)	\$2,462,0					Proposed Bike Lanes or Cycle
	Gordon Baker/Glendingning/Passmore	\$780,000					Proposed Quiet Street Routes
	Don Valley Golf Course / Hogs Hollow Underpass / Trail	\$872,000					Proposed Major Barrier Crossing
	Highway 401 Tunnel to Hydro Corridor (Cavehill & Crocus)	\$800,000					Proposed Major Barrier Crossing
	York Downs/Armour/Bombay/Avenue/Ridley	\$539,000					Proposed Bike Lanes or Quiet Street
	Rustic/Culford/Bridgeland	\$378,000					Proposed Bike Lanes or Quiet Street
	Davisville Manor, Parkhurst, Sutherland, Cleveland, and	\$253,000					Proposed Bike Lane or Quiet Street
	Parkdale Neighbourhood Connections	\$263,000					Proposed Quiet Street Routes
	Senlac - (Finch to Sheppard)	\$257,000					Proposed Bike Lanes or Cycle
	Middlefield - (McCowan to Steeles)	\$222,000					Proposed Bike Lanes
	Drewry/Cummer - (Yonge to Finch Trail)	\$166,000					Proposed Bike Lanes or Quiet Street
	Port Union - (Sheppard to Waterfront Trail)	\$109,000					Proposed Bike Lanes
	St Clair - (O'Connor to Victoria Park)	\$108,000					Proposed Bike Lanes or Cycle
	Chesswood/Champagne - (Sheppard to Finch Trail)	\$106,000					Proposed Bike Lanes
	Norseman - (Kipling to Royal York)	\$85,000					Proposed Bike Lanes
	Princess Margaret Neighbourhood Connections	\$81,000					Proposed Quiet Street Route
	Military Trail/Lawson - (Conlins to Port Union)	\$78,000					Proposed Bike Lanes or Quiet Street
Moore - (Bayview to Don Valley)	\$77,000					Proposed Bike Lanes or Cycle	
Carlaw - (Danforth to Lake Shore)	\$75,000					Proposed Bike Lanes	

	Havelock/Bartlett - (Bloor to Davenport)	\$71,000				Proposed Quiet Street Route
	Martin Grove - (Rathburn to South of Burnhamthorpe)	\$34,000				Proposed Bike Lanes
2022	Steeles - (Markham to Bear)	\$4,726,0				Proposed Bike Lanes or Cycle
	Finch - (Keele to Wilmington)	\$1,515,0				Proposed Bike Lanes or Cycle
	Burnhamthorpe - (Martin Grove to Dundas)	\$2,090,0				Proposed Bike Lanes or Cycle
	Brown's Line/The East Mall - (North Queen to Lake Shore)	\$1,805,0				Proposed Bike Lanes or Quiet Street
	Dufferin - (Finch Hydro Trail to Steeles)	\$1,343,0				Proposed Boulevard Trail
	Bayview Village Neighbourhood Connections	\$144,000				Proposed Quiet Street Routes
	Winona - (Davenport to Roselawn)	\$92,000				Proposed Quiet Street Route
	Royal York Neighbourhood Connections	\$59,000				Proposed Quiet Street Routes
2023	Lansing - Willowdale Neighbourhood Connections	\$134,000				Proposed Quiet Street Routes
	Cummer/McNicoll - (Yonge to Pharmacy)	\$217,000				Proposed Bike Lanes or Quiet Street
	Woodfield - (Monarch Park to Waterfront Trail)	\$92,000				Proposed Quiet Street Routes
	Bridle Path Neighbourhood Connections	\$82,000				Proposed Quiet Street Routes
	Wincott - (Midland Smart Track Connection)	\$58,000				Proposed Quiet Street Route
	Dorcot - (Midland Smart Track Connection)	\$13,000				Proposed Quiet Street Route

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City of Toronto Cycling Network Plan

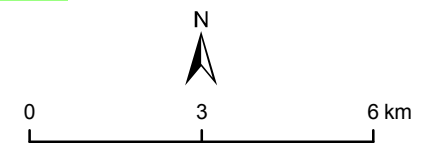
Scenario 5: \$25M/year Years 0-5

Legend

- Cycling Network and Trails Plan**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes
 - Tunnels and Bridges
 - Major Corridor Studies

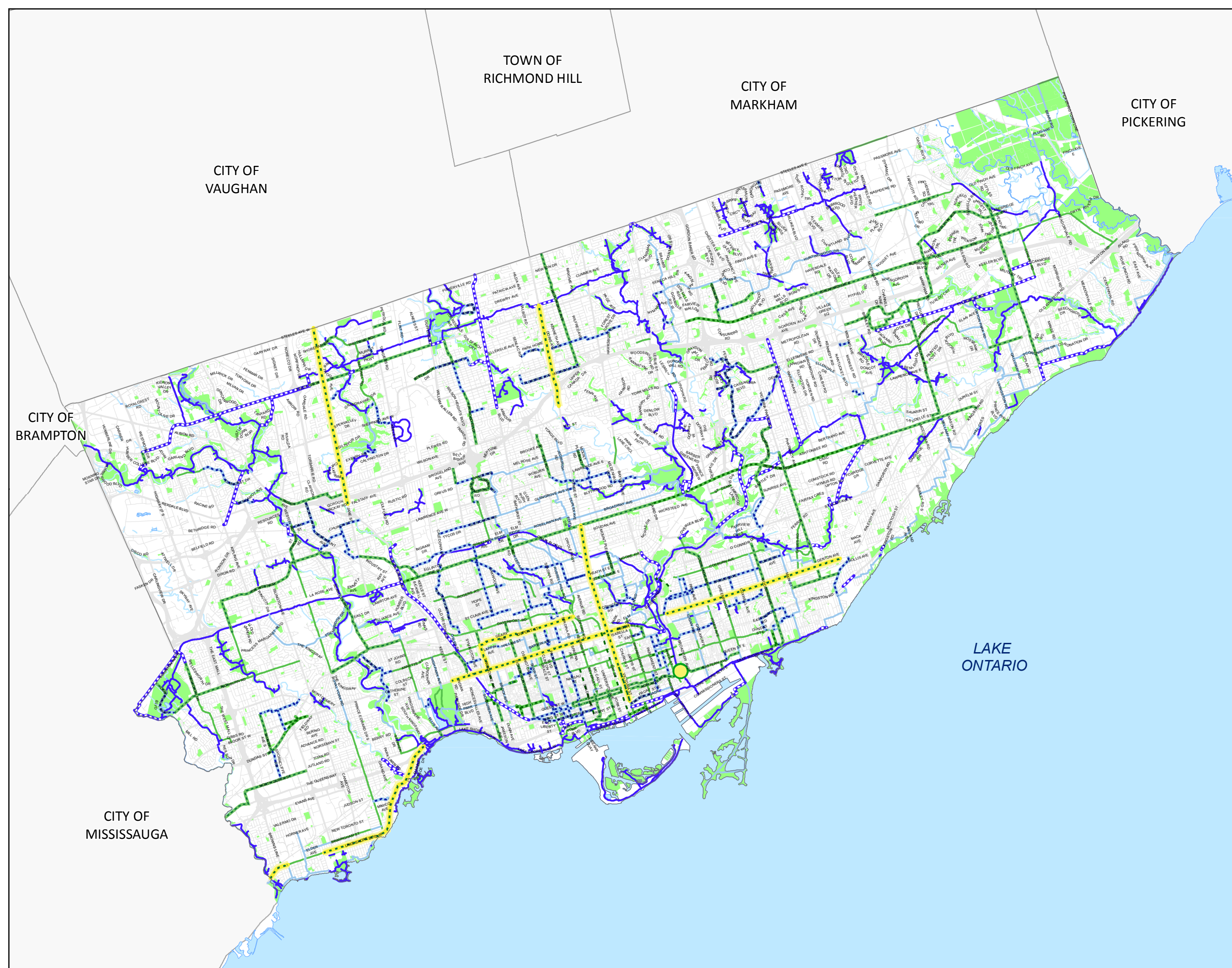
- Existing Cycling Network**
- Bike Lane | Cycle Tracks
 - Trails | Boulevard Trails
 - Quiet Street Routes

- Rail Lines
- Freeways
- Major Roads
- Arterial Road Network
- Green Spaces



Data source: City of Toronto / IBI Group, 2016
Projection: NAD 1927 MTM 3

Date: April 2016
Cartography: Vélo Québec



CITY OF VAUGHAN

TOWN OF RICHMOND HILL

CITY OF MARKHAM

CITY OF PICKERING

CITY OF BRAMPTON

CITY OF MISSISSAUGA

LAKE ONTARIO

City of Toronto Cycling Network Plan

Scenario 5: \$25M/year Years 6-10

Legend

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- Existing Cycling Network**
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